THE GORDIAN GROUP®

Natividad MEDICAL CENTER

JOB ORDER CONTRACTING

Construction Task Catalog®

Book 1 of 2
CSI Sections 01 - 22

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CTC Information:

- ☑ This Construction Task Catalog® was developed and customized by The Gordian Group, Inc. specifically for **Natividad Medical Center**, priced locally using current labor, material and equipment costs, and published in July 2013.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **Natividad Medical Center**. Use of The Gordian Group's CTC and other proprietary information and software for any other purpose or any other entity is expressly prohibited without the express written consent of The Gordian Group, Inc.

MasterFormat™

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

CSI Building Knowledge Improving Project Delivery

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The Unit Prices Include:

LABOR COSTS:

- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security and Medicare taxes, worker's compensation, unemployment insurance and employee benefits.
- ☑ Labor costs are based on workers familiar with and skilled in the performance of the task following OSHA requirements.
- ☑ Labor costs include time lost for normal work breaks, layout, measuring and cutting to fit, clean-up of regular construction debris, inspection, permit compliance, job meetings and start-up.

EQUIPMENT COSTS:

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

MATERIAL COSTS:

- ☑ Material costs include the cost of the material being installed and all incidentals and accessories integral to the installation.
- ☑ Material costs include manufacturer's and/or fabricator's shop drawings.
- ☑ Material costs for roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, concrete, etc. include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.

Complete and In-Place Construction:

- ☑ Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the task as described in the CTC.
- ☑ Unit Prices include delivery, unloading and storing materials, tools and equipment on site; moving, materials, tools and equipment from storage area or truck up to 2 ½ stories (2 stories with an attic) and within 125' to reach the site.

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- ☑ Unit prices exclude moving material and equipment greater than 2 ½ stories and handling material and equipment more than 125' (See 01661900).
- ☑ Unit prices for imported materials (aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.
- ☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) that are required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or relocating or reinstalling existing material and equipment.
- ☑ Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the task description states otherwise.
- ☑ Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, flashing, pitch pockets, skylights, curbs, roofing, etc. include sealant and caulking.
- ☑ Unit prices include testing, calibration, balancing and the like required to ensure proper installation, construction and performance (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, pneumatic or hydrostatic testing, soaping of joints, disinfection and flushing, others as required). Use of owner supplied materials, equipment or tying into existing equipment/piping may justify testing, balancing, etc.

Demolition:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the required items; clean-up of the area; and transferring down 2 ½ stories and within 125' of the site into a truck or dumpster for debris or to a designated area for owner requested items.
- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), trash chutes (See 01741900), and handling materials more than 2 ½ stories or more than 125' from the site (See 01661900), unless the task description states otherwise.
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition task, unless the component alone must be demolished to accomplish the task (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the task; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- ☑ The description "replace" includes the demolition of the existing item and the installation of the new item.
- ☑ The descriptions "remove and relocate" or "remove and reinstall" includes the removal, cleaning of item and installation of the existing item in either the same location or another location.
- ☑ The description "reinstall" includes the cleaning and installation of the existing item.
- ☑ Salvageable materials remain the property of the Owner and shall be turned over as directed when specified in the Job Order.

The Adjustment Factors Include:

BUSINESS COSTS:

- ☑ Overhead costs, including, unless specifically excluded in the Contract Documents, but not limited to;
  - home office overhead
  - insurance, bonds, and indemnification
  - project meetings, training, management and supervision
  - mobilization and close-out for the contract and each Job Order and
  - project office staff and equipment.
- ☑ Profit.

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- ☑ Subcontractor's overhead and profit.
- ☑ All taxes for which a waiver is not available including material sales tax and equipment rental.
- ☑ Employee or Subcontractor's wage rates that exceed the prevailing wage rates.
- ☑ Fringe benefits, payroll taxes, worker's compensation, insurance costs and any other payment mandated by law in connection with labor that exceeds the labor rate allowances.
- ☑ Cost of financing the work.
- ☑ Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

CONSTRUCTION RELATED COSTS:

- ☑ Services required to obtain filings and permits.
- ☑ Preparation and modification of proposals, sketches, drawings, submittals, as-built drawings, CADD drawings, microfilm, and other project records.
- ☑ Incidental engineering and architectural services.
- ☑ Office trailer and portable toilets for Contractor's use.
- ☑ Construction vehicles such as pick-up trucks, utility trucks, vans, flat bed trucks, tractors, trailers, etc.
- ☑ Storage devices or items such as gang boxes and containers for Contractor's tools, equipment and materials.
- ☑ Personnel safety equipment (hard hats, ropes, harness, etc.) and basic safety signage, railings, minor barricades, tape, roping, cable, markings, cones, etc.
- ☑ Meeting Owner security requirements.
- ☑ Excess waste including roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, siding, concrete, etc. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
- ☑ Removing and returning Owner's furniture and furnishings (chairs, tables, pictures, etc. but excluding modular furniture, wall or ceiling attached or fastened devices or furnishings, safes or other furniture requiring disassembly).
- ☑ Protection of all surfaces including those not in the scope of work from construction dust, debris or damage during construction up until final acceptance. The methods of protection including plastic, paper, sealing doors or windows, etc. are the Contractor's responsibility.
- ☑ Daily clean-up.
- ☑ Final professional project clean-up.
- ☑ Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- ☑ Costs resulting from productivity loss.
- ☑ Working in extreme temperatures (below or above normal) or adverse conditions such as excessive rain, wind, sleet or snow.
- ☑ Differences in project size; complexity and location.
- ☑ All costs for other than discreet items of work specifically required to complete a particular Job Order.

PRICE VARIATIONS:

- ☑ Contractors may find differences in labor, equipment and material costs due to certain economic factors. Variations in labor cost can also result from labor efficiency, labor restrictions, working conditions and local work rules. Variations in material costs can also result from the quantity of material purchased, the existing relationship with suppliers, and because the materials have been discontinued or have become obsolete.
- ☑ While diligent effort is made to provide accurate and reliable up-to-date pricing, it is the responsibility of the Contractor to verify the unit prices and to modify their Adjustment Factors accordingly.

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General Costs:

- ☑ This list is not exhaustive and is intended to provide general examples of cost items to be included in the Contractor's Adjustment Factor as defined in the Contract.
- ☑ The only compensation to be paid to a Contractor for the unit price tasks will be:

Published Unit Price	X	Installation (or Demolition) Quantity	X	Appropriate Adjustment Factor

- ☑ No additional payments of any kind whatsoever will be made. All costs not included in the unit prices must be part of the Adjustment Factors.

General Interpretations:

Working Height:

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

Field Engineering:

- ☑ Surveying tasks shall be used only when the Owner requests the Contractor to perform topographic surveys, property line surveys or to establish horizontal and vertical controls. If the Owner provides horizontal and vertical control points within or adjacent to the site, any other surveying required to complete the work is considered construction staking or layout and the cost thereof is included in the appropriate task.

Assemblies:

- ☑ Assembly unit prices take precedence over individual component pricing.

Testing:

- ☑ Contractor will be paid for testing existing material, as required by the technical specifications and as directed by the Owner (record tests) at the unit price for the appropriate task. The cost of process quality control testing routinely performed by the Contractor is included in the unit prices for the individual tasks.

Miscellaneous:

- ☑ For the purpose of quantity discounts, quantities are calculated on a per project basis. The quantity discount applies to the total quantity so determined.
- ☑ Whenever there are alternative tasks that may be selected to complete work the Contractor shall select the most practical and economical tasks available (e.g. rental of equipment by weeks or months rather than days or painting by roller or spray rather than brush).
- ☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories tasks and for certain electrical conduit and conduit accessories tasks. Only those tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated tasks. A non pre-priced task will not be allowed because of Restricted Working Space for any CTC task.
- ☑ Confined Working Space is defined according to the OSHA definition 29 CFR 1926.21(b)(6)(i): "Any space having limited means of egress, which is

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subject to accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere, including, but not limited to, storage tanks, process vessels, bins, boilers, ventilation and exhaust duct, sewers, underground vaults, tunnels, pipelines and open top spaces more than 4 feet in depth such as pits and tubs." The Contractor shall conform to all OSHA and Owner requirements for working in Confined Working Spaces. Required ventilation and air monitoring equipment tasks shall be priced from the CTC.

☑ Whenever a material, article or piece of equipment is identified in the CTC or in the specifications by reference to manufacturers' or vendors' names, trade names, catalogue numbers, or make, the identification is intended to establish a standard. Any material, article or equipment of another manufacturer or vendor which performs satisfactorily the duties imposed by the general design may be considered equally acceptable provided that, in the opinion of the Owner, the material, article or equipment so proposed is of equal quality, substance and function. The Contractor shall not provide, furnish or install any proposed material, article or equipment without the prior written approval of the Owner. The burden of proof and all costs related thereto concerning the "or equal" nature of the substitute item, whether approved or disapproved, shall be borne by the Contractor.

SPECIFICATIONS:

☑ Specifications for tasks shall be interpreted as follows: All labor, material, equipment, spare parts, services, and work required by a specification shall be considered part of the unit price, unless the task description or technical specifications state otherwise.

Useful Information:

UNIT OF MEASURE DEFINITIONS:

ACR – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Hundred Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum (each), **EA** – Each, **FLR** - Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** - Ground Square Foot, **HR** – Hour, **HWT** - Hundred Carton Weight, **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** - Loose (Excavated) Cubic Yards, **LF** - Linear Foot, **LFD** - Linear Feet Per Day, **LIT –** Liter, **LOT** – Lot, **MBF** - One Thousand Board Feet, **MBH** - One Thousand British Thermal Units, **MCF** – One Thousand Cubic Feet, **MF3** - One Thousand Cubic Feet Per Minute, **MGL** – One Thousand Gallons, **MI** – Mile, **MLF** - One Thousand Linear Feet, **MO** – Month, **MSF** - One Thousand Square Feet, **MSY** - One Thousand Square Yards, **MT** – Metric Ton, **MTK** – Metric Ton Kilometer, **M2** – Square Meter, **M3K** – Cubic Meter Kilometer, **NTE** – Note, **OPN** – Opening, **OUT** - Outlet or Output (each), **OZ** – Ounce, **PKG** – Package, **PNT** – Point, **PR** – Pair, **QT** – Quart, **ROL** - Roll (each), **ROM** – Room, **ROW** – Row, **RSR** - Riser (Per Rise), **SEA** – Seat, **SET** – Set, **SF** - Square Foot, **SHT** – Sheet, **SI** - Square Inch, **STP** - Stop (each), **SQ** - Square or One Hundred Square Feet, **SY** - Square Yard, **SYI** – Inches per Square Yard, **TNM** - Tons per Mile, **TON** – Ton, **TRK** – Truck Load, **UI** - United Inch, **UNT** – Unit, **VLF** - Vertical Linear Foot, **WK** – Week, **YD** – Yard, **YR** – Year

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MATERIAL WEIGHTS:

EARTHEN MATERIAL

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

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

BULK FACTORS FOR DEMOLITION:

☑ The following bulk factors shall be used to calculate the volume of demolished material to be transported from the site, unless otherwise directed by the Owner.

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

CONVERSIONS:

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

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

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

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

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

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

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STANDARD GEOMETRY:

Circle

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

Cylinder

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

Sphere

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

π = 3.14159

United Inch

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

TRADEMARKS

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

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 General Requirements

01 20 Price And Payment Procedures *(01)*

01 22 Unit Prices *(01 20)*

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

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

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

01 22 16 00-0002	EA	Reimbursable Fees	1.00

Note: Reimbursable fees will be paid to the contractor for the actual cost, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The labor cost involved in obtaining all permits is in the Adjustment Factor. The base cost of the Reimbursable Fee is $1.00. The quantity used will adjust the base cost to the actual Reimbursable Fee (e.g. quantity of 125 = $125.00 Reimbursable Fee). If there are multiple Reimbursable Fees, each one shall be listed separately with a comment in the "note" block to identify the Reimbursable Fees (e.g. sidewalk closure, road cut, various permits, extended warrantee, expedited shipping costs, etc.). A copy of each receipt shall be included with the Proposal.

01 22 20 Wage Rates *(01 22)*

Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. Wage rates include base rate, fringe and an allowance for payroll taxes, worker's compensation, unemployment insurance, etc.

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

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

01 22 20 00-0002	HR	Asbestos Removal Worker	55.85

Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.

For Supervising Foreman, Add *2.79*
For Apprentice, Deduct *-11.17*

01 22 20 00-0003	HR	Insulator	92.89

Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.

For Supervising Foreman, Add *4.64*
For Apprentice, Deduct *-18.58*

01 22 20 00-0004	HR	Boilermaker	93.10

Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.

For Supervising Foreman, Add *4.66*
For Apprentice, Deduct *-18.62*

01 22 20 00-0005	HR	Brick Layer	73.36

Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.

For Supervising Foreman, Add *3.67*
For Apprentice, Deduct *-14.67*

01 22 20 00-0006	HR	Carpenter	80.87

Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.

For Supervising Foreman, Add *4.04*
For Apprentice, Deduct *-16.17*

01 22 20 00-0007	HR	Carpet, Linoleum	80.61

Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.

For Supervising Foreman, Add *4.03*
For Apprentice, Deduct *-16.12*

01 22 20 00-0008	HR	Cement Mason	62.11

Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.

For Supervising Foreman, Add *3.11*
For Apprentice, Deduct *-12.42*

01 22 20 00-0009	HR	Drywall Finisher	69.54

Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.

For Supervising Foreman, Add *3.48*
For Apprentice, Deduct *-13.91*

01 22 20 00-0010	HR	Electrician	82.16

Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.

For Supervising Foreman, Add *4.11*
For Apprentice, Deduct *-16.43*

01 22 20 00-0011	HR	Equipment Operator, Heavy (Crane)	74.81

Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.

For Supervising Foreman, Add *3.74*
For Apprentice, Deduct *-14.96*

01 22 20 00-0012	HR	Equipment Operator, Medium (Bulldozer)	72.61

Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.

For Supervising Foreman, Add *3.63*
For Apprentice, Deduct *-14.52*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0013	HR	Equipment Operator, Light (Backhoe, Bobcat)	68.01	
		Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
		For Supervising Foreman, Add	*3.40*	
		For Apprentice, Deduct	*-13.60*	
01 22 20 00-0014	HR	Glazier	79.07	
		Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
		For Supervising Foreman, Add	*3.95*	
		For Apprentice, Deduct	*-15.81*	
01 22 20 00-0015	HR	Laborer	66.01	
		Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
01 22 20 00-0016	HR	Lather	77.67	
		Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
		For Supervising Foreman, Add	*3.88*	
		For Apprentice, Deduct	*-15.53*	
01 22 20 00-0017	HR	Marble Setter	76.39	
		Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
		For Supervising Foreman, Add	*3.82*	
		For Apprentice, Deduct	*-15.28*	
01 22 20 00-0018	HR	Millwright	79.22	
		Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
		For Supervising Foreman, Add	*3.96*	
		For Apprentice, Deduct	*-15.84*	
01 22 20 00-0019	HR	Mold Removal Worker	63.79	
		Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
		For Supervising Foreman, Add	*3.19*	
		For Apprentice, Deduct	*-12.76*	
01 22 20 00-0020	HR	Painter,	67.41	
		Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
		For Supervising Foreman, Add	*3.37*	
		For Apprentice, Deduct	*-13.48*	
01 22 20 00-0021	HR	Painter, Structural Steel	81.83	
		Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
		For Supervising Foreman, Add	*4.09*	
		For Apprentice, Deduct	*-16.37*	
01 22 20 00-0022	HR	Paperhanger	68.74	
		Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
		For Supervising Foreman, Add	*3.44*	
		For Apprentice, Deduct	*-13.75*	
01 22 20 00-0023	HR	Pile Drivers	85.71	
		Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
		For Supervising Foreman, Add	*4.29*	
		For Apprentice, Deduct	*-17.14*	
01 22 20 00-0024	HR	Plasterer	62.32	
		Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
		For Supervising Foreman, Add	*3.12*	
		For Apprentice, Deduct	*-12.46*	
01 22 20 00-0025	HR	Plumber	78.65	
		Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
		For Supervising Foreman, Add	*3.93*	
		For Apprentice, Deduct	*-15.73*	
01 22 20 00-0026	HR	Powderman	62.30	
		Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
		For Supervising Foreman, Add	*3.12*	
		For Apprentice, Deduct	*-12.46*	
01 22 20 00-0027	HR	Rodman (Reinforcing)/Ornamental Steel Worker	76.59	
		Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
		For Supervising Foreman, Add	*3.83*	
		For Apprentice, Deduct	*-15.32*	
01 22 20 00-0028	HR	Roofer, Composite	69.42	
		Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
		For Supervising Foreman, Add	*3.47*	
		For Apprentice, Deduct	*-13.88*	
01 22 20 00-0029	HR	Roofer, Tile/Slate	68.99	
		Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
		For Supervising Foreman, Add	*3.45*	
		For Apprentice, Deduct	*-13.80*	
01 22 20 00-0030	HR	Sheet Metal Worker	82.37	
		Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
		For Supervising Foreman, Add	*4.12*	
		For Apprentice, Deduct	*-16.47*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0031	HR	Sprinkler Installer Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.	60.58	
		For Supervising Foreman, Add	*3.03*	
		For Apprentice, Deduct	*-12.12*	
01 22 20 00-0032	HR	Steam / Pipe Fitter Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.	102.60	
		For Supervising Foreman, Add	*5.13*	
		For Apprentice, Deduct	*-20.52*	
01 22 20 00-0033	HR	Stone Mason Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.	75.84	
		For Supervising Foreman, Add	*3.79*	
		For Apprentice, Deduct	*-15.17*	
01 22 20 00-0034	HR	Structural Steel Worker Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.	86.07	
		For Supervising Foreman, Add	*4.30*	
		For Apprentice, Deduct	*-17.21*	
01 22 20 00-0035	HR	Tile Layer Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.	65.17	
		For Supervising Foreman, Add	*3.26*	
		For Apprentice, Deduct	*-13.03*	
01 22 20 00-0036	HR	Terrazzo Finisher Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.	77.39	
		For Supervising Foreman, Add	*3.87*	
		For Apprentice, Deduct	*-15.48*	
01 22 20 00-0037	HR	Truck Driver, Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.	59.01	
		For Supervising Foreman, Add	*2.95*	
		For Apprentice, Deduct	*-11.80*	

01 22 20 00-0038 Rates For Services *(01 22 20)*

01 22 20 00-0039	HR	Watchman/Guard, Unarmed	16.78	
01 22 20 00-0040	HR	Watchman/Guard, Armed	24.64	
01 22 20 00-0041	HR	Investigating Engineer, Specialty Consultant, Or Designer Note: For special investigating requirements or services outside required architectural, engineering services or designer	80.00	
01 22 20 00-0042	HR	Investigating Senior Engineer, Specialty Consultant, Or Designer Note: For special investigating requirements or services outside required architectural, engineering services or designer	125.00	
01 22 20 00-0043	HR	Industrial Hygienist	61.93	
01 22 20 00-0044	HR	On Site Material Testing Technician	57.00	
01 22 20 00-0045	MI	Mileage For Professional Services (Engineering, Surveying, Etcetera) Note: For use only when the Owner directs the contractor to use personnel whose base of operations is more than 100 miles from the site. Quantity shall be miles that exceed 100.	0.56	

01 22 20 00-0046 Rates For Traffic Control *(01 22 20)*

01 22 20 00-0047	HR	Flagperson For Traffic Control	66.01	

01 22 23 Equipment Rentals *(01 22)*

Note: Includes fuel costs unless otherwise stated. These tasks will be requested specifically by the owner for miscellaneous work not covered in the Construction Task Catalog®, for work above 14' for general construction and 4' for masonry, or for staging materials above 2-1/2 stories. Do not use these rental costs in addition to, or as a substitute for, any task. See CSI section 01 71 13 00-0000 for equipment delivery, pickup, mobilization and demobilization.

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

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

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

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

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

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

01 22 23 00-0005	DAY	40' Engine Powered, Telescoping Boom Manlift	396.12	
01 22 23 00-0006	WK	40' Engine Powered, Telescoping Boom Manlift	996.68	
01 22 23 00-0007	MO	40' Engine Powered, Telescoping Boom Manlift	2,236.15	
01 22 23 00-0008	DAY	60' Engine Powered, Telescoping Boom Manlift	581.40	
01 22 23 00-0009	WK	60' Engine Powered, Telescoping Boom Manlift	1,386.41	
01 22 23 00-0010	MO	60' Engine Powered, Telescoping Boom Manlift	3,034.78	
01 22 23 00-0011	DAY	80' Engine Powered, Telescoping Boom Manlift	1,130.85	
01 22 23 00-0012	WK	80' Engine Powered, Telescoping Boom Manlift	2,740.88	
01 22 23 00-0013	MO	80' Engine Powered, Telescoping Boom Manlift	5,750.10	
01 22 23 00-0014	DAY	110' Engine Powered, Telescoping Boom Manlift	1,610.03	
01 22 23 00-0015	WK	110' Engine Powered, Telescoping Boom Manlift	3,876.85	
01 22 23 00-0016	MO	110' Engine Powered, Telescoping Boom Manlift	9,660.17	
01 22 23 00-0017	DAY	120' Engine Powered, Telescoping Boom Manlift	1,961.42	
01 22 23 00-0018	WK	120' Engine Powered, Telescoping Boom Manlift	5,002.59	
01 22 23 00-0019	MO	120' Engine Powered, Telescoping Boom Manlift	11,372.42	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0020		Articulating (Up/Over) Boom Manlifts *(01 22 23 00-0002)*		
01 22 23 00-0021		Engine Powered, Articulating (Up/Over) Boom Manlifts *(01 22 23 00-0020)* Note: Diesel or dual fuel (gasoline or liquid propane gas). Two- or four-wheel drive. For use on unpaved or paved surfaces.		
01 22 23 00-0022	DAY	34' Engine Powered, Articulating (Up/Over) Boom Manlift	312.26	
01 22 23 00-0023	WK	34' Engine Powered, Articulating (Up/Over) Boom Manlift	783.50	
01 22 23 00-0024	MO	34' Engine Powered, Articulating (Up/Over) Boom Manlift	1,884.93	
01 22 23 00-0025	DAY	45' Engine Powered, Articulating (Up/Over) Boom Manlift	397.42	
01 22 23 00-0026	WK	45' Engine Powered, Articulating (Up/Over) Boom Manlift	868.66	
01 22 23 00-0027	MO	45' Engine Powered, Articulating (Up/Over) Boom Manlift	2,156.31	
01 22 23 00-0028	DAY	60' Engine Powered, Articulating (Up/Over) Boom Manlift	510.98	
01 22 23 00-0029	WK	60' Engine Powered, Articulating (Up/Over) Boom Manlift	1,180.92	
01 22 23 00-0030	MO	60' Engine Powered, Articulating (Up/Over) Boom Manlift	2,640.04	
01 22 23 00-0031	DAY	80' Engine Powered, Articulating (Up/Over) Boom Manlift	891.37	
01 22 23 00-0032	WK	80' Engine Powered, Articulating (Up/Over) Boom Manlift	2,100.68	
01 22 23 00-0033	MO	80' Engine Powered, Articulating (Up/Over) Boom Manlift	5,108.61	
01 22 23 00-0034	DAY	125' Engine Powered, Articulating (Up/Over) Boom Manlift	1,731.64	
01 22 23 00-0035	WK	125' Engine Powered, Articulating (Up/Over) Boom Manlift	4,087.80	
01 22 23 00-0036	MO	125' Engine Powered, Articulating (Up/Over) Boom Manlift	9,992.40	
01 22 23 00-0037		Electric, Articulating (Up/Over) Boom Manlifts *(01 22 23 00-0020)* Note: For use on paved surfaces.		
01 22 23 00-0038	DAY	30' Electric, Articulating (Up/Over) Boom Manlift	312.26	
01 22 23 00-0039	WK	30' Electric, Articulating (Up/Over) Boom Manlift	783.50	
01 22 23 00-0040	MO	30' Electric, Articulating (Up/Over) Boom Manlift	1,884.93	
01 22 23 00-0041	DAY	35' Electric, Articulating (Up/Over) Boom Manlift	312.26	
01 22 23 00-0042	WK	35' Electric, Articulating (Up/Over) Boom Manlift	783.50	
01 22 23 00-0043	MO	35' Electric, Articulating (Up/Over) Boom Manlift	1,884.93	
01 22 23 00-0044	DAY	40' Electric, Articulating (Up/Over) Boom Manlift	386.07	
01 22 23 00-0045	WK	40' Electric, Articulating (Up/Over) Boom Manlift	834.59	
01 22 23 00-0046	MO	40' Electric, Articulating (Up/Over) Boom Manlift	2,072.29	
01 22 23 00-0047	DAY	45' Electric, Articulating (Up/Over) Boom Manlift	386.07	
01 22 23 00-0048	WK	45' Electric, Articulating (Up/Over) Boom Manlift	834.59	
01 22 23 00-0049	MO	45' Electric, Articulating (Up/Over) Boom Manlift	2,072.29	
01 22 23 00-0050		Platform Lifts *(01 22 23 00-0001)* Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-0051		Electric, Scissor Platform Lifts *(01 22 23 00-0050)* Note: For use on paved surfaces.		
01 22 23 00-0052	DAY	17' Electric, Scissor Platform Lift	134.06	
01 22 23 00-0053	WK	17' Electric, Scissor Platform Lift	268.11	
01 22 23 00-0054	MO	17' Electric, Scissor Platform Lift	548.42	
01 22 23 00-0055	DAY	20' Electric, Scissor Platform Lift	146.24	
01 22 23 00-0056	WK	20' Electric, Scissor Platform Lift	292.49	
01 22 23 00-0057	MO	20' Electric, Scissor Platform Lift	584.98	
01 22 23 00-0058	DAY	25' Electric, Scissor Platform Lift	188.90	
01 22 23 00-0059	WK	25' Electric, Scissor Platform Lift	377.80	
01 22 23 00-0060	MO	25' Electric, Scissor Platform Lift	810.44	
01 22 23 00-0061	DAY	30' Electric, Scissor Platform Lift	243.74	
01 22 23 00-0062	WK	30' Electric, Scissor Platform Lift	481.39	
01 22 23 00-0063	MO	30' Electric, Scissor Platform Lift	1,066.36	
01 22 23 00-0064	DAY	33' Electric, Scissor Platform Lift	262.02	
01 22 23 00-0065	WK	33' Electric, Scissor Platform Lift	511.85	
01 22 23 00-0066	MO	33' Electric, Scissor Platform Lift	1,157.76	
01 22 23 00-0067	DAY	40' Electric, Scissor Platform Lift	341.24	
01 22 23 00-0068	WK	40' Electric, Scissor Platform Lift	847.00	
01 22 23 00-0069	MO	40' Electric, Scissor Platform Lift	2,358.18	
01 22 23 00-0070		Engine Powered, Scissor Platform Lifts *(01 22 23 00-0050)* Note: Diesel or dual fuel (gasoline or liquid propane gas). Two- or four-wheel drive. For use on unpaved or paved surfaces.		
01 22 23 00-0071	DAY	25' Engine Powered, Scissor Platform Lift	274.21	
01 22 23 00-0072	WK	25' Engine Powered, Scissor Platform Lift	536.23	
01 22 23 00-0073	MO	25' Engine Powered, Scissor Platform Lift	1,310.10	
01 22 23 00-0074	DAY	33' Engine Powered, Scissor Platform Lift	280.30	
01 22 23 00-0075	WK	33' Engine Powered, Scissor Platform Lift	639.82	
01 22 23 00-0076	MO	33' Engine Powered, Scissor Platform Lift	1,401.50	
01 22 23 00-0077	DAY	40' Engine Powered, Scissor Platform Lift	310.77	
01 22 23 00-0078	WK	40' Engine Powered, Scissor Platform Lift	712.94	
01 22 23 00-0079	MO	40' Engine Powered, Scissor Platform Lift	1,584.31	
01 22 23 00-0080	DAY	43' Engine Powered, Scissor Platform Lift	329.05	
01 22 23 00-0081	WK	43' Engine Powered, Scissor Platform Lift	767.78	
01 22 23 00-0082	MO	43' Engine Powered, Scissor Platform Lift	1,888.98	
01 22 23 00-0083	DAY	50' Engine Powered, Scissor Platform Lift	615.44	
01 22 23 00-0084	WK	50' Engine Powered, Scissor Platform Lift	1,352.76	
01 22 23 00-0085	MO	50' Engine Powered, Scissor Platform Lift	3,327.05	
01 22 23 00-0086		Personnel Lifts *(01 22 23 00-0001)* Note: Includes delivery to job site and pick-up when complete. Excludes operator. For use on paved surfaces.		
01 22 23 00-0087	DAY	24', Push-Type, Electric Single Man Personnel Lift	141.06	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0088	WK	24', Push-Type, Electric Single Man Personnel Lift	399.66	
01 22 23 00-0089	MO	24', Push-Type, Electric Single Man Personnel Lift	807.16	
01 22 23 00-0090	DAY	30', Push-Type, Electric Single Man Personnel Lift	195.91	
01 22 23 00-0091	WK	30', Push-Type, Electric Single Man Personnel Lift	415.33	
01 22 23 00-0092	MO	30', Push-Type, Electric Single Man Personnel Lift	815.00	
01 22 23 00-0093	DAY	36', Push-Type, Electric Single Man Personnel Lift	329.13	
01 22 23 00-0094	WK	36', Push-Type, Electric Single Man Personnel Lift	799.32	
01 22 23 00-0095	MO	36', Push-Type, Electric Single Man Personnel Lift	2,335.28	
01 22 23 00-0096	DAY	40', Push-Type, Electric Single Man Personnel Lift	352.64	
01 22 23 00-0097	WK	40', Push-Type, Electric Single Man Personnel Lift	877.69	
01 22 23 00-0098	MO	40', Push-Type, Electric Single Man Personnel Lift	2,640.90	
01 22 23 00-0099	DAY	15', Self-Propelled, Electric Single Man Personnel Lift	188.08	
01 22 23 00-0100	WK	15', Self-Propelled, Electric Single Man Personnel Lift	376.15	
01 22 23 00-0101	MO	15', Self-Propelled, Electric Single Man Personnel Lift	752.30	
01 22 23 00-0102	DAY	20', Self-Propelled, Electric Single Man Personnel Lift	188.08	
01 22 23 00-0103	WK	20', Self-Propelled, Electric Single Man Personnel Lift	376.15	
01 22 23 00-0104	MO	20', Self-Propelled, Electric Single Man Personnel Lift	782.08	

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

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

01 22 23 00-0106	DAY	48' Bucket Truck With Full-Time Operator	948.54	
		For Equipment Without Operator, Deduct	*-475.33*	
01 22 23 00-0107	WK	48' Bucket Truck With Full-Time Operator	4,066.72	
		For Equipment Without Operator, Deduct	*-2,376.67*	
01 22 23 00-0108	MO	48' Bucket Truck With Full-Time Operator	15,089.07	
		For Equipment Without Operator, Deduct	*-10,244.26*	

01 22 23 00-0109 Air Equipment *(01 22 23)*

01 22 23 00-0110 Air Compressors *(01 22 23 00-0109)*

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

01 22 23 00-0111	DAY	100 CFM Diesel Powered Portable Air Compressor	151.13	
01 22 23 00-0112	WK	100 CFM Diesel Powered Portable Air Compressor	453.40	
01 22 23 00-0113	MO	100 CFM Diesel Powered Portable Air Compressor	1,259.44	
01 22 23 00-0114	DAY	130 CFM Diesel Powered Portable Air Compressor	181.36	
01 22 23 00-0115	WK	130 CFM Diesel Powered Portable Air Compressor	534.00	
01 22 23 00-0116	MO	130 CFM Diesel Powered Portable Air Compressor	1,511.32	
01 22 23 00-0117	DAY	185 CFM Diesel Powered Portable Air Compressor	241.81	
01 22 23 00-0118	WK	185 CFM Diesel Powered Portable Air Compressor	544.08	
01 22 23 00-0119	MO	185 CFM Diesel Powered Portable Air Compressor	1,198.98	
01 22 23 00-0120	DAY	375 CFM Diesel Powered Portable Air Compressor	342.57	
01 22 23 00-0121	WK	375 CFM Diesel Powered Portable Air Compressor	866.49	
01 22 23 00-0122	MO	375 CFM Diesel Powered Portable Air Compressor	2,065.48	
01 22 23 00-0123	DAY	600 CFM Diesel Powered Portable Air Compressor	761.71	
01 22 23 00-0124	WK	600 CFM Diesel Powered Portable Air Compressor	1,833.74	
01 22 23 00-0125	MO	600 CFM Diesel Powered Portable Air Compressor	4,570.25	
01 22 23 00-0126	DAY	750 CFM Diesel Powered Portable Air Compressor	916.87	
01 22 23 00-0127	WK	750 CFM Diesel Powered Portable Air Compressor	2,256.91	
01 22 23 00-0128	MO	750 CFM Diesel Powered Portable Air Compressor	5,541.52	
01 22 23 00-0129	DAY	825 CFM Diesel Powered Portable Air Compressor	916.87	
01 22 23 00-0130	WK	825 CFM Diesel Powered Portable Air Compressor	2,256.91	
01 22 23 00-0131	MO	825 CFM Diesel Powered Portable Air Compressor	5,541.52	
01 22 23 00-0132	DAY	1,300 CFM Diesel Powered Portable Air Compressor	1,068.00	
01 22 23 00-0133	WK	1,300 CFM Diesel Powered Portable Air Compressor	2,393.94	
01 22 23 00-0134	MO	1,300 CFM Diesel Powered Portable Air Compressor	6,383.84	
01 22 23 00-0135	DAY	1,600 CFM Diesel Powered Portable Air Compressor	1,329.97	
01 22 23 00-0136	WK	1,600 CFM Diesel Powered Portable Air Compressor	2,992.42	
01 22 23 00-0137	MO	1,600 CFM Diesel Powered Portable Air Compressor	7,979.80	

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

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

01 22 23 00-0139	DAY	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And HEPA Filter	56.00	
01 22 23 00-0140	WK	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And HEPA Filter	230.00	
01 22 23 00-0141	MO	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And HEPA Filter	695.00	
01 22 23 00-0142	EA	Replacement Prefilter, Dual Ply Polyester Pad For Negative Air Machine	16.63	
01 22 23 00-0143	EA	Replacement HEPA Filter, 99.99% Efficient @ 0.3 Micron For Negative Air Machine Note: For use on monthly rental units over three months	192.66	
01 22 23 00-0144	LF	Discharge Flexible Duct For Negative Air Machine	1.74	
01 22 23 00-0145	EA	Move Negative Air Equipment And Discharge Duct	26.52	

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

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

01 22 23 00-0147	DAY	200 to 800 CFM Portable Air Scrubber	54.00	
01 22 23 00-0148	WK	200 to 800 CFM Portable Air Scrubber	230.00	
01 22 23 00-0149	MO	200 to 800 CFM Portable Air Scrubber	695.00	
01 22 23 00-0150	DAY	800 to 2,000 CFM Portable Air Scrubber	81.00	
01 22 23 00-0151	WK	800 to 2,000 CFM Portable Air Scrubber	345.00	
01 22 23 00-0152	MO	800 to 2,000 CFM Portable Air Scrubber	1,015.00	

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

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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

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

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

01 22 23 00-0156	DAY	10' Wide Paving Machine With Full-Time Operator	4,369.42	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0157	WK	10' Wide Paving Machine With Full-Time Operator	14,270.11	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0158	MO	10' Wide Paving Machine With Full-Time Operator	47,490.59	
		For Equipment Without Operator, Deduct	*-12,519.69*	

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

01 22 23 00-0160	DAY	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	976.69	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0161	WK	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	4,101.63	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0162	MO	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	15,769.25	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0163	DAY	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	1,129.45	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0164	WK	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	5,237.59	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0165	MO	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	17,484.29	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0166	DAY	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	1,136.39	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0167	WK	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	4,786.26	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0168	MO	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	17,817.58	
		For Equipment Without Operator, Deduct	*-12,519.69*	

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

01 22 23 00-0170	DAY	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,039.18	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0171	WK	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	4,175.23	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0172	MO	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	16,192.80	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0173	DAY	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,330.81	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0174	WK	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	4,765.43	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0175	MO	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	18,053.66	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0176	DAY	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,400.24	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0177	WK	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,202.87	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0178	MO	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	19,275.72	
		For Equipment Without Operator, Deduct	*-12,519.69*	

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

01 22 23 00-0180	DAY	48" Wide, 40" Diameter, Towed Padfoot Roller	131.93
01 22 23 00-0181	WK	48" Wide, 40" Diameter, Towed Padfoot Roller	381.89
01 22 23 00-0182	MO	48" Wide, 40" Diameter, Towed Padfoot Roller	1,124.85
01 22 23 00-0183	DAY	60" Wide, 60" Diameter, Towed Padfoot Roller	166.64
01 22 23 00-0184	WK	60" Wide, 60" Diameter, Towed Padfoot Roller	465.21
01 22 23 00-0185	MO	60" Wide, 60" Diameter, Towed Padfoot Roller	1,978.90

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

01 22 23 00-0187	DAY	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	1,073.90	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0188	WK	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	4,473.80	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0189	MO	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	17,171.83	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0190	DAY	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	1,226.66	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0191	WK	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	4,890.41	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0192	MO	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	18,559.37	
		For Equipment Without Operator, Deduct	*-12,519.69*	

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

01 22 23 00-0194	DAY	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	851.71	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0195	WK	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	3,696.13	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0196	MO	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	14,602.74	
		For Equipment Without Operator, Deduct	*-12,519.69*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0197	DAY	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	955.86	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0198	WK	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	4,008.59	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0199	MO	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	15,435.96	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0200	DAY	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,025.29	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0201	WK	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	4,216.89	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0202	MO	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	15,991.44	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0203	DAY	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,115.56	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0204	WK	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	4,480.74	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0205	MO	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	16,678.85	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0206	DAY	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,296.09	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0207	WK	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,008.45	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0208	MO	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	18,074.49	
		For Equipment Without Operator, Deduct	*-12,519.69*	

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

Note: 3 day minimum.

01 22 23 00-0210	DAY	1" x 4' x 8' Steel Plate	18.75	
01 22 23 00-0211	WK	1" x 4' x 8' Steel Plate	44.27	
01 22 23 00-0212	MO	1" x 4' x 8' Steel Plate	58.26	
01 22 23 00-0213	DAY	1" x 4' x 10' Steel Plate	25.00	
01 22 23 00-0214	WK	1" x 4' x 10' Steel Plate	56.25	
01 22 23 00-0215	MO	1" x 4' x 10' Steel Plate	68.75	
01 22 23 00-0216	DAY	1" x 5' x 10' Steel Plate	26.04	
01 22 23 00-0217	WK	1" x 5' x 10' Steel Plate	58.85	
01 22 23 00-0218	MO	1" x 5' x 10' Steel Plate	156.24	
01 22 23 00-0219	DAY	1" x 6' x 8' Steel Plate	16.67	
01 22 23 00-0220	WK	1" x 6' x 8' Steel Plate	37.50	
01 22 23 00-0221	MO	1" x 6' x 8' Steel Plate	99.99	
01 22 23 00-0222	DAY	1" x 6' x 10' Steel Plate	31.25	
01 22 23 00-0223	WK	1" x 6' x 10' Steel Plate	41.14	
01 22 23 00-0224	MO	1" x 6' x 10' Steel Plate	109.89	
01 22 23 00-0225	DAY	1" x 6' x 12' Steel Plate	43.75	
01 22 23 00-0226	WK	1" x 6' x 12' Steel Plate	55.99	
01 22 23 00-0227	MO	1" x 6' x 12' Steel Plate	151.55	
01 22 23 00-0228	DAY	1" x 8' x 10' Steel Plate	27.60	
01 22 23 00-0229	WK	1" x 8' x 10' Steel Plate	61.98	
01 22 23 00-0230	MO	1" x 8' x 10' Steel Plate	165.09	
01 22 23 00-0231	DAY	1" x 8' x 12' Steel Plate	50.00	
01 22 23 00-0232	WK	1" x 8' x 12' Steel Plate	61.98	
01 22 23 00-0233	MO	1" x 8' x 12' Steel Plate	299.98	
01 22 23 00-0234	DAY	1" x 8' x 16' Steel Plate	66.66	
01 22 23 00-0235	WK	1" x 8' x 16' Steel Plate	149.99	
01 22 23 00-0236	MO	1" x 8' x 16' Steel Plate	399.97	
01 22 23 00-0237	LF	Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate	1.60	0.81
01 22 23 00-0238	EA	Remove And Reset Trench Plate	22.11	

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

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

01 22 23 00-0240	DAY	8' Broom Sweeper With Full-Time Operator	796.36	
		For Equipment Without Operator, Deduct	*-544.04*	
01 22 23 00-0241	WK	8' Broom Sweeper With Full-Time Operator	3,404.26	
		For Equipment Without Operator, Deduct	*-2,720.21*	
01 22 23 00-0242	MO	8' Broom Sweeper With Full-Time Operator	13,894.94	
		For Equipment Without Operator, Deduct	*-11,725.03*	
01 22 23 00-0243	DAY	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	954.94	
		For Equipment Without Operator, Deduct	*-544.04*	
01 22 23 00-0244	WK	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	4,596.14	
		For Equipment Without Operator, Deduct	*-2,720.21*	
01 22 23 00-0245	MO	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	18,849.47	
		For Equipment Without Operator, Deduct	*-11,725.03*	

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

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

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

01 22 23 00-0248	DAY	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	767.88	
		For Equipment Without Operator, Deduct	*-544.04*	
01 22 23 00-0249	WK	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	3,352.56	
		For Equipment Without Operator, Deduct	*-2,720.21*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0250	MO	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	13,415.02	
		For Equipment Without Operator, Deduct	*-11,725.03*	
01 22 23 00-0251	DAY	1,500 LB Capacity, 60" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	751.09	
		For Equipment Without Operator, Deduct	*-544.04*	
01 22 23 00-0252	WK	1,500 LB Capacity, 60" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	3,341.37	
		For Equipment Without Operator, Deduct	*-2,720.21*	
01 22 23 00-0253	MO	1,500 LB Capacity, 60" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	13,207.97	
		For Equipment Without Operator, Deduct	*-11,725.03*	
01 22 23 00-0254	DAY	2,400 LB Capacity, 72" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	1,031.45	
		For Equipment Without Operator, Deduct	*-706.88*	
01 22 23 00-0255	WK	2,400 LB Capacity, 72" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	4,547.27	
		For Equipment Without Operator, Deduct	*-3,534.39*	
01 22 23 00-0256	MO	2,400 LB Capacity, 72" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	17,691.05	
		For Equipment Without Operator, Deduct	*-15,234.41*	
01 22 23 00-0257	DAY	Hydraulic Hammer Attachment For Skid-Steer Loaders	167.88	
01 22 23 00-0258	WK	Hydraulic Hammer Attachment For Skid-Steer Loaders	458.87	
01 22 23 00-0259	MO	Hydraulic Hammer Attachment For Skid-Steer Loaders	1,303.87	
01 22 23 00-0260	DAY	Forklift Attachment For Skid-Steer Loaders	48.13	
01 22 23 00-0261	WK	Forklift Attachment For Skid-Steer Loaders	128.71	
01 22 23 00-0262	MO	Forklift Attachment For Skid-Steer Loaders	363.74	
01 22 23 00-0263	DAY	Backhoe Attachment For Skid-Steer Loaders	106.32	
01 22 23 00-0264	WK	Backhoe Attachment For Skid-Steer Loaders	255.18	
01 22 23 00-0265	MO	Backhoe Attachment For Skid-Steer Loaders	634.59	
01 22 23 00-0266	DAY	Broom Attachment For Skid-Steer Loaders	105.20	
01 22 23 00-0267	WK	Broom Attachment For Skid-Steer Loaders	285.40	
01 22 23 00-0268	MO	Broom Attachment For Skid-Steer Loaders	755.46	
01 22 23 00-0269	DAY	9", 12", Or 16" Auger Attachment For Skid-Steer Loaders	70.51	
01 22 23 00-0270	WK	9", 12", Or 16" Auger Attachment For Skid-Steer Loaders	223.84	
01 22 23 00-0271	MO	9", 12", Or 16" Auger Attachment For Skid-Steer Loaders	531.62	

01 22 23 00-0272 Bulldozers *(01 22 23 00-0246)*

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

01 22 23 00-0273	DAY	70 HP, D3 Bulldozer With Full-Time Operator	913.01	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0274	WK	70 HP, D3 Bulldozer With Full-Time Operator	4,214.16	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0275	MO	70 HP, D3 Bulldozer With Full-Time Operator	16,404.61	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0276	DAY	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	1,069.66	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0277	WK	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	4,847.03	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0278	MO	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	18,347.07	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0279	DAY	140 HP, D6 Bulldozer With Full-Time Operator	1,514.54	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0280	WK	140 HP, D6 Bulldozer With Full-Time Operator	6,626.57	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0281	MO	140 HP, D6 Bulldozer With Full-Time Operator	23,673.17	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0282	DAY	200 HP, D7 Bulldozer With Full-Time Operator	1,909.30	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0283	WK	200 HP, D7 Bulldozer With Full-Time Operator	8,211.87	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0284	MO	200 HP, D7 Bulldozer With Full-Time Operator	28,435.33	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0285	DAY	335 HP, D8 Bulldozer With Full-Time Operator	2,379.25	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0286	WK	335 HP, D8 Bulldozer With Full-Time Operator	10,091.67	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0287	MO	335 HP, D8 Bulldozer With Full-Time Operator	34,074.73	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0288	DAY	460 HP, D9 Bulldozer With Full-Time Operator	2,642.42	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0289	WK	460 HP, D9 Bulldozer With Full-Time Operator	11,138.09	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0290	MO	460 HP, D9 Bulldozer With Full-Time Operator	37,207.73	
		For Equipment Without Operator, Deduct	*-12,519.69*	

01 22 23 00-0291 Hydraulic Excavators *(01 22 23 00-0246)*

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

01 22 23 00-0292	DAY	3/8 CY Hydraulic Excavator With Full-Time Operator	824.37	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0293	WK	3/8 CY Hydraulic Excavator With Full-Time Operator	3,863.18	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0294	MO	3/8 CY Hydraulic Excavator With Full-Time Operator	15,390.44	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0295	DAY	1/2 CY Hydraulic Excavator With Full-Time Operator	910.59	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0296	WK	1/2 CY Hydraulic Excavator With Full-Time Operator	4,192.86	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0297	MO	1/2 CY Hydraulic Excavator With Full-Time Operator	15,994.01	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0298	DAY	5/8 CY Hydraulic Excavator With Full-Time Operator	1,001.89	
		For Equipment Without Operator, Deduct	*-580.91*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0299	WK	5/8 CY Hydraulic Excavator With Full-Time Operator	4,578.33	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0300	MO	5/8 CY Hydraulic Excavator With Full-Time Operator	17,540.97	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0301	DAY	3/4 CY Hydraulic Excavator With Full-Time Operator	966.38	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0302	WK	3/4 CY Hydraulic Excavator With Full-Time Operator	4,446.46	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0303	MO	3/4 CY Hydraulic Excavator With Full-Time Operator	17,135.21	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0304	DAY	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	1,001.89	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0305	WK	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	4,578.33	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0306	MO	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	17,794.57	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0307	DAY	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	1,275.77	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0308	WK	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	5,668.81	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0309	MO	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	20,812.41	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0310	DAY	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	1,316.35	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0311	WK	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	5,846.33	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0312	MO	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	21,344.97	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0313	DAY	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	1,392.43	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0314	WK	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	6,150.65	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0315	MO	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	22,257.93	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0316	DAY	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	1,478.65	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0317	WK	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	6,490.47	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0318	MO	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	23,272.33	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0319	DAY	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	1,504.01	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0320	WK	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	6,591.91	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0321	MO	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	23,576.65	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0322	DAY	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	1,747.47	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0323	WK	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	7,570.81	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0324	MO	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	26,518.41	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0325	DAY	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	2,097.44	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0326	WK	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	8,960.54	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0327	MO	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	30,677.45	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0328	DAY	Thumbs Or Grapple Attachment For Hydraulic Excavators	71.01	
01 22 23 00-0329	WK	Thumbs Or Grapple Attachment For Hydraulic Excavators	273.89	
01 22 23 00-0330	MO	Thumbs Or Grapple Attachment For Hydraulic Excavators	811.52	
01 22 23 00-0331	DAY	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	314.46	
01 22 23 00-0332	WK	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	831.81	
01 22 23 00-0333	MO	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	2,328.05	
01 22 23 00-0334	DAY	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	486.91	
01 22 23 00-0335	WK	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	1,242.64	
01 22 23 00-0336	MO	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	3,230.86	
01 22 23 00-0337	DAY	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	679.65	
01 22 23 00-0338	WK	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	1,830.99	
01 22 23 00-0339	MO	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	5,132.86	
01 22 23 00-0340	DAY	24" Compaction Wheel Attachment For Hydraulic Excavators	142.02	
01 22 23 00-0341	WK	24" Compaction Wheel Attachment For Hydraulic Excavators	568.06	
01 22 23 00-0342	MO	24" Compaction Wheel Attachment For Hydraulic Excavators	1,704.19	
01 22 23 00-0343	DAY	36" Compaction Wheel Attachment For Hydraulic Excavators	202.88	
01 22 23 00-0344	WK	36" Compaction Wheel Attachment For Hydraulic Excavators	811.52	
01 22 23 00-0345	MO	36" Compaction Wheel Attachment For Hydraulic Excavators	2,434.56	
01 22 23 00-0346	DAY	48" Compaction Wheel Attachment For Hydraulic Excavators	223.17	
01 22 23 00-0347	WK	48" Compaction Wheel Attachment For Hydraulic Excavators	882.53	
01 22 23 00-0348	MO	48" Compaction Wheel Attachment For Hydraulic Excavators	2,637.44	

01 22 23 00-0349 Mini-Excavators *(01 22 23 00-0246)*

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

01 22 23 00-0350	DAY	2,000 LB Mini-Excavator With Full-Time Operator (Bobcat 316)	793.93	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0351	WK	2,000 LB Mini-Excavator With Full-Time Operator (Bobcat 316)	3,508.14	
		For Equipment Without Operator, Deduct	*-2,904.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0352	MO	2,000 LB Mini-Excavator With Full-Time Operator (Bobcat 316)	13,848.55	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0353	DAY	3,500 LB Mini-Excavator With Full-Time Operator (Bobcat 322 Or 323)	799.01	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0354	WK	3,500 LB Mini-Excavator With Full-Time Operator (Bobcat 322 Or 323)	3,523.35	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0355	MO	3,500 LB Mini-Excavator With Full-Time Operator (Bobcat 322 Or 323)	14,168.09	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0356	DAY	6000# Mini-Excavator With Full-Time Operator (Bobcat 325 Or 328)	824.37	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0357	WK	6,000 LB Mini-Excavator With Full-Time Operator (Bobcat 325 Or 328)	3,594.36	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0358	MO	6,000 LB Mini-Excavator With Full-Time Operator (Bobcat 325 Or 328)	14,213.74	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0359	DAY	7,500 LB Mini-Excavator With Full-Time Operator (Bobcat 329, 331 Or 334)	834.51	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0360	WK	7,500 LB Mini-Excavator With Full-Time Operator (Bobcat 329, 331 Or 334)	3,629.87	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0361	MO	7,500 LB Mini-Excavator With Full-Time Operator (Bobcat 329, 331 Or 334)	14,234.03	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0362	DAY	9,500 LB Mini-Excavator With Full-Time Operator (Bobcat 335)	895.37	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0363	WK	9,500 LB Mini-Excavator With Full-Time Operator (Bobcat 335)	3,680.59	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0364	MO	9,500 LB Mini-Excavator With Full-Time Operator (Bobcat 335)	14,822.38	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0365	DAY	11,000 LB Mini-Excavator With Full-Time Operator (Bobcat 337)	900.45	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0366	WK	11,000 LB Mini-Excavator With Full-Time Operator (Bobcat 337)	3,934.19	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0367	MO	11,000 LB Mini-Excavator With Full-Time Operator (Bobcat 337)	14,847.74	
		For Equipment Without Operator, Deduct	*-12,519.69*	

01 22 23 00-0368 Loader-Backhoes With Standard Bucket *(01 22 23 00-0246)*

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

01 22 23 00-0369	DAY	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	1,023.42	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0370	WK	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	3,955.54	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0371	MO	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	14,993.02	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0372	DAY	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	1,070.83	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0373	WK	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	4,121.48	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0374	MO	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	16,004.47	
		For Equipment Without Operator, Deduct	*-12,519.69*	

01 22 23 00-0375 Heavy Duty Construction Loaders *(01 22 23 00-0246)*

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

01 22 23 00-0376	DAY	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	1,048.10	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0377	WK	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	4,751.76	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0378	MO	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	18,054.07	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0379	DAY	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	1,436.22	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0380	WK	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	5,175.82	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0381	MO	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	18,269.69	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0382	DAY	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	1,522.47	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0383	WK	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	5,405.82	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0384	MO	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	18,844.69	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0385	DAY	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	1,759.66	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0386	WK	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	10,810.82	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0387	MO	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	20,425.94	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0388	DAY	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	2,370.60	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0389	WK	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	10,048.95	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0390	MO	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	33,938.44	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0391	DAY	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	6,395.53	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0392	WK	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	21,785.93	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0393	MO	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	63,976.51	
		For Equipment Without Operator, Deduct	*-12,519.69*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0394		**Shoring** *(01 22 23 00-0246)* Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0395		**Aluminum Hydraulic Shoring** *(01 22 23 00-0394)* Note: Includes delivery to job site and pick-up when complete. Excludes sheeting.		
01 22 23 00-0396	WK	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	30.17	
01 22 23 00-0397	MO	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	88.99	
01 22 23 00-0398	WK	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	40.47	
01 22 23 00-0399	MO	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	119.38	
01 22 23 00-0400	WK	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	75.05	
01 22 23 00-0401	MO	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	221.40	
01 22 23 00-0402	EA	Set-up And Remove Aluminum Hydraulic Shores, 1 Cylinder	20.73	
01 22 23 00-0403	EA	Set-up And Remove Aluminum Hydraulic Shores, 2 Cylinders	33.16	
01 22 23 00-0404	EA	Set-up And Remove Aluminum Hydraulic Shores, 3 Cylinders	55.27	
01 22 23 00-0405		**Trench Boxes/Trench Shields** *(01 22 23 00-0246)* Note: Trenching tasks include moving the trench box in excavation as trenching proceeds. Includes delivery to job site and pick-up when complete. For stackable units, combine multiple units for depth required.		
01 22 23 00-0406	WK	4' x 6' Trench Box With Up To 48" Spreaders	162.38	
01 22 23 00-0407	MO	4' x 6' Trench Box With Up To 48" Spreaders	487.13	
01 22 23 00-0408	WK	6' x 6' Trench Box With Up To 48" Spreaders	183.33	
01 22 23 00-0409	MO	6' x 6' Trench Box With Up To 48" Spreaders	549.99	
01 22 23 00-0410	WK	8' x 6' Trench Box With Up To 48" Spreaders	193.81	
01 22 23 00-0411	MO	8' x 6' Trench Box With Up To 48" Spreaders	581.42	
01 22 23 00-0412	WK	4' x 8' Trench Box With Up To 48" Spreaders	178.09	
01 22 23 00-0413	MO	4' x 8' Trench Box With Up To 48" Spreaders	534.28	
01 22 23 00-0414	WK	6' x 8' Trench Box With Up To 48" Spreaders	209.52	
01 22 23 00-0415	MO	6' x 8' Trench Box With Up To 48" Spreaders	628.56	
01 22 23 00-0416	WK	8' x 8' Trench Box With Up To 48" Spreaders	235.71	
01 22 23 00-0417	MO	8' x 8' Trench Box With Up To 48" Spreaders	707.13	
01 22 23 00-0418	WK	4' x 10' Trench Box With Up To 48" Spreaders	199.04	
01 22 23 00-0419	MO	4' x 10' Trench Box With Up To 48" Spreaders	597.13	
01 22 23 00-0420	WK	6' x 10' Trench Box With Up To 48" Spreaders	235.71	
01 22 23 00-0421	MO	6' x 10' Trench Box With Up To 48" Spreaders	707.13	
01 22 23 00-0422	WK	8' x 10' Trench Box With Up To 48" Spreaders	288.09	
01 22 23 00-0423	MO	8' x 10' Trench Box With Up To 48" Spreaders	859.03	
01 22 23 00-0424	WK	4' x 12' Trench Box With Up To 48" Spreaders	235.71	
01 22 23 00-0425	MO	4' x 12' Trench Box With Up To 48" Spreaders	707.13	
01 22 23 00-0426	WK	6' x 12' Trench Box With Up To 48" Spreaders	288.09	
01 22 23 00-0427	MO	6' x 12' Trench Box With Up To 48" Spreaders	864.27	
01 22 23 00-0428	WK	8' x 12' Trench Box With Up To 48" Spreaders	366.66	
01 22 23 00-0429	MO	8' x 12' Trench Box With Up To 48" Spreaders	1,099.98	
01 22 23 00-0430	MO	For Spreaders >48" To 84", Add	47.14	
01 22 23 00-0431	WK	For Spreaders >84" To 120", Add	94.28	
01 22 23 00-0432	MO	For Spreaders >84" To 120", Add	282.85	
01 22 23 00-0433	WK	For Spreaders >120", Add	199.04	
01 22 23 00-0434	MO	For Spreaders >120", Add	597.13	
01 22 23 00-0435	WK	8' x 4' Manhole Box	247.50	
01 22 23 00-0436	MO	8' x 4' Manhole Box	742.49	
01 22 23 00-0437	WK	8' x 8' Manhole Box	353.57	
01 22 23 00-0438	MO	8' x 8' Manhole Box	1,060.70	
01 22 23 00-0439		**Trenchers** *(01 22 23 00-0246)* Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0440	DAY	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	932.37	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0441	WK	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	4,101.72	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0442	MO	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	15,814.59	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0443	DAY	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	1,525.45	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0444	WK	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	6,100.62	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0445	MO	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	21,306.09	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0446		**Heavy Equipment Mats** *(01 22 23 00-0246)* Note: Rental price per mat. Excludes mobilization and demobilization. See CSI section 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.		
01 22 23 00-0447	Day	14' Width x 8' Length, 3-Ply Laminated Heavy Equipment Mat	20.00	
01 22 23 00-0448	WK	14' Width x 8' Length, 3-Ply Laminated Heavy Equipment Mat	47.62	
01 22 23 00-0449	MO	14' Width x 8' Length, 3-Ply Laminated Heavy Equipment Mat	100.00	
01 22 23 00-0450	Day	16' Width x 8' Length, 3-Ply Laminated Heavy Equipment Mat	21.00	
01 22 23 00-0451	WK	16' Width x 8' Length, 3-Ply Laminated Heavy Equipment Mat	50.00	
01 22 23 00-0452	MO	16' Width x 8' Length, 3-Ply Laminated Heavy Equipment Mat	105.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0453	Day	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	17.00	
01 22 23 00-0454	WK	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	40.00	
01 22 23 00-0455	MO	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	85.00	
01 22 23 00-0456	Day	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	19.00	
01 22 23 00-0457	WK	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	45.00	
01 22 23 00-0458	MO	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	95.00	
01 22 23 00-0459	Day	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	21.00	
01 22 23 00-0460	WK	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	50.00	
01 22 23 00-0461	MO	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	105.00	
01 22 23 00-0462	Day	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	23.00	
01 22 23 00-0463	WK	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	54.76	
01 22 23 00-0464	MO	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	115.00	
01 22 23 00-0465	Day	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	18.00	
01 22 23 00-0466	WK	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	50.00	
01 22 23 00-0467	MO	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	90.00	
01 22 23 00-0468	Day	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	21.00	
01 22 23 00-0469	WK	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	50.00	
01 22 23 00-0470	MO	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	105.00	
01 22 23 00-0471	Day	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	25.00	
01 22 23 00-0472	WK	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	55.00	
01 22 23 00-0473	MO	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	125.00	
01 22 23 00-0474	Day	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	27.00	
01 22 23 00-0475	WK	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	64.29	
01 22 23 00-0476	MO	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	135.00	
01 22 23 00-0477	Day	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	29.00	
01 22 23 00-0478	WK	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	69.05	
01 22 23 00-0479	MO	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	145.00	
01 22 23 00-0480	Day	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	30.00	
01 22 23 00-0481	WK	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	71.43	
01 22 23 00-0482	MO	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	150.00	
01 22 23 00-0483	Day	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	9.62	
01 22 23 00-0484	WK	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	24.05	
01 22 23 00-0485	MO	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	72.15	
01 22 23 00-0486	Day	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	11.50	
01 22 23 00-0487	WK	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	28.75	
01 22 23 00-0488	MO	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	86.25	
01 22 23 00-0489	Day	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	13.13	
01 22 23 00-0490	WK	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	32.83	
01 22 23 00-0491	MO	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	98.50	
01 22 23 00-0492	Day	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.00	
01 22 23 00-0493	WK	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	35.00	
01 22 23 00-0494	MO	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	105.00	
01 22 23 00-0495	Day	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.00	
01 22 23 00-0496	WK	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	40.00	
01 22 23 00-0497	MO	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	120.00	
01 22 23 00-0498	Day	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	18.39	
01 22 23 00-0499	WK	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	45.97	
01 22 23 00-0500	MO	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	137.90	
01 22 23 00-0501	Day	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.15	
01 22 23 00-0502	WK	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	35.37	
01 22 23 00-0503	MO	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	106.10	
01 22 23 00-0504	Day	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	19.15	
01 22 23 00-0505	WK	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	47.88	
01 22 23 00-0506	MO	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	143.65	
01 22 23 00-0507	Day	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.56	
01 22 23 00-0508	WK	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	41.40	
01 22 23 00-0509	MO	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	124.20	
01 22 23 00-0510	Day	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	27.62	
01 22 23 00-0511	WK	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	69.05	
01 22 23 00-0512	MO	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	207.14	
01 22 23 00-0513	Day	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	29.44	
01 22 23 00-0514	WK	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	73.60	
01 22 23 00-0515	MO	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	220.80	

01 22 23 00-0516 Electrical Equipment *(01 22 23)*

01 22 23 00-0517 Tripod Mounted Floodlights *(01 22 23 00-0516)*

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

01 22 23 00-0518	DAY	500 Watt, 115 V, 2 Lamp, Portable Light Stand With Tripod	51.43	
01 22 23 00-0519	WK	500 Watt, 115 V, 2 Lamp, Portable Light Stand With Tripod	121.69	
01 22 23 00-0520	MO	500 Watt, 115 V, 2 Lamp, Portable Light Stand With Tripod	257.17	
01 22 23 00-0521	DAY	1,000 Watt, 115 V, 2 Lamp, Portable Light Stand With Tripod	51.43	
01 22 23 00-0522	WK	1,000 Watt, 115 V, 2 Lamp, Portable Light Stand With Tripod	150.54	
01 22 23 00-0523	MO	1,000 Watt, 115 V, 2 Lamp, Portable Light Stand With Tripod	445.35	
01 22 23 00-0524	DAY	2,000 Watt, 115 V, 2 Lamp, Portable Light Stand With Tripod	57.71	
01 22 23 00-0525	WK	2,000 Watt, 115 V, 2 Lamp, Portable Light Stand With Tripod	156.81	
01 22 23 00-0526	MO	2,000 Watt, 115 V, 2 Lamp, Portable Light Stand With Tripod	382.62	

01 22 23 00-0527 Trailer Mounted Floodlights *(01 22 23 00-0516)*

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

01 22 23 00-0528	DAY	4-1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	144.27	
01 22 23 00-0529	WK	4-1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	319.90	
01 22 23 00-0530	MO	4-1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	689.98	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 22 23 00-0531 Generator Sets *(01 22 23 00-0516)*

01 22 23 00-0532 Portable, Gas Or Diesel Powered Generator Sets *(01 22 23 00-0531)*

Note: With 24 hour day-tank. Includes delivery to job site and pick-up when complete. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0615 for reimbursable fuel fees.

01 22 23 00-0533	DAY	3.6 KW, 8 HP Gas Powered Generator Set	43.00	
		For LP Or NG Gas, Add	*5.38*	
01 22 23 00-0534	WK	3.6 KW, 8 HP Gas Powered Generator Set	155.00	
		For LP Or NG Gas, Add	*19.38*	
01 22 23 00-0535	MO	3.6 KW, 8 HP Gas Powered Generator Set	430.00	
		For LP Or NG Gas, Add	*53.75*	
01 22 23 00-0536	DAY	5 KW, 11 HP Gas Powered Generator Set	61.00	
		For LP Or NG Gas, Add	*7.63*	
01 22 23 00-0537	WK	5 KW, 11 HP Gas Powered Generator Set	195.00	
		For LP Or NG Gas, Add	*24.38*	
01 22 23 00-0538	MO	5 KW, 11 HP Gas Powered Generator Set	445.00	
		For LP Or NG Gas, Add	*55.63*	
01 22 23 00-0539	DAY	6.5 KW, 13 HP Gas Powered Generator Set	78.00	
		For LP Or NG Gas, Add	*9.75*	
01 22 23 00-0540	WK	6.5 KW, 13 HP Gas Powered Generator Set	210.00	
		For LP Or NG Gas, Add	*26.25*	
01 22 23 00-0541	MO	6.5 KW, 13 HP Gas Powered Generator Set	580.00	
		For LP Or NG Gas, Add	*72.50*	
01 22 23 00-0542	DAY	10 KW, 18 HP Gas Powered Generator Set	87.00	
		For LP Or NG Gas, Add	*10.88*	
01 22 23 00-0543	WK	10 KW, 18 HP Gas Powered Generator Set	235.00	
		For LP Or NG Gas, Add	*29.38*	
01 22 23 00-0544	MO	10 KW, 18 HP Gas Powered Generator Set	675.00	
		For LP Or NG Gas, Add	*84.38*	

01 22 23 00-0545 Towable, Diesel Powered Generator Sets *(01 22 23 00-0531)*

Note: Includes 24 hour day-tank on sizes up to 180KW, 40 hour day-tank for sizes greater than 180KW To 300 KW and 1000 gallon for sizes greater than 300KW. Multi-voltage transformer unless stated otherwise, trailer mounted including sound attenuation and control panel. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0615 for reimbursable fuel fees.

01 22 23 00-0546	DAY	20 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.7 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 1.0 gallons per hour.	179.00
01 22 23 00-0547	WK	20 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.7 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 1.0 gallons per hour.	468.00
01 22 23 00-0548	MO	20 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.7 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 1.0 gallons per hour.	1,275.00
01 22 23 00-0549	DAY	40.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 3.1 gallons per hour, 75% load - 2.3 gallons per hour, 50% load - 1.7 gallons per hour.	252.00
01 22 23 00-0550	WK	40.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 3.1 gallons per hour, 75% load - 2.3 gallons per hour, 50% load - 1.7 gallons per hour.	567.60
01 22 23 00-0551	MO	40.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 3.1 gallons per hour, 75% load - 2.3 gallons per hour, 50% load - 1.7 gallons per hour.	1,512.00
01 22 23 00-0552	DAY	70.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.25 gallons per hour, 75% load - 10.0 gallons per hour, 50% load - 3.8 gallons per hour.	330.00
01 22 23 00-0553	WK	70.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.25 gallons per hour, 75% load - 10.0 gallons per hour, 50% load - 3.8 gallons per hour.	740.00
01 22 23 00-0554	MO	70.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.25 gallons per hour, 75% load - 10.0 gallons per hour, 50% load - 3.8 gallons per hour.	2,055.00
01 22 23 00-0555	DAY	100.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.9 gallons per hour, 75% load - 5.9 gallons per hour, 50% load - 4.2 gallons per hour.	415.00
01 22 23 00-0556	WK	100.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.9 gallons per hour, 75% load - 5.9 gallons per hour, 50% load - 4.2 gallons per hour.	915.00
01 22 23 00-0557	MO	100.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.9 gallons per hour, 75% load - 5.9 gallons per hour, 50% load - 4.2 gallons per hour.	2,605.00
01 22 23 00-0558	DAY	120.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.	427.50
01 22 23 00-0559	WK	120.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.	985.00
01 22 23 00-0560	MO	120.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.	3,035.00
01 22 23 00-0561	DAY	150.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.	440.00
01 22 23 00-0562	WK	150.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.	1,050.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0563	MO	150.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.	3,465.00	
01 22 23 00-0564	DAY	175.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 16.1 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.9 gallons per hour.	482.00	
01 22 23 00-0565	WK	175.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 16.1 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.9 gallons per hour.	1,096.00	
01 22 23 00-0566	MO	175.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 16.1 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.9 gallons per hour	3,465.00	
01 22 23 00-0567	DAY	250.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.4 gallons per hour, 75% load - 15.5 gallons per hour, 50% load - 11.6 gallons per hour.	639.00	
01 22 23 00-0568	WK	250.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.4 gallons per hour, 75% load - 15.5 gallons per hour, 50% load - 11.6 gallons per hour.	1,642.00	
01 22 23 00-0569	MO	250.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.4 gallons per hour, 75% load - 15.5 gallons per hour, 50% load - 11.6 gallons per hour.	4,050.00	
01 22 23 00-0570	DAY	300.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 22.7 gallons per hour, 75% load - 17.6 gallons per hour, 50% load - 13.6 gallons per hour.	600.00	
01 22 23 00-0571	WK	300.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 22.7 gallons per hour, 75% load - 17.6 gallons per hour, 50% load - 13.6 gallons per hour.	1,500.00	
01 22 23 00-0572	MO	300.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 22.7 gallons per hour, 75% load - 17.6 gallons per hour, 50% load - 13.6 gallons per hour.	4,500.00	
01 22 23 00-0573	DAY	350.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 29.1 gallons per hour, 75% load - 23.9 gallons per hour, 50% load - 18.3 gallons per hour.	960.00	
01 22 23 00-0574	WK	350.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 29.1 gallons per hour, 75% load - 23.9 gallons per hour, 50% load - 18.3 gallons per hour.	2,160.00	
01 22 23 00-0575	MO	350.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 29.1 gallons per hour, 75% load - 23.9 gallons per hour, 50% load - 18.3 gallons per hour.	5,760.00	
01 22 23 00-0576	DAY	400.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 32.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 19.9 gallons per hour.	1,025.00	
01 22 23 00-0577	WK	400.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 32.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 19.9 gallons per hour.	2,480.00	
01 22 23 00-0578	MO	400.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 32.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 19.9 gallons per hour.	7,250.00	
01 22 23 00-0579	DAY	500.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 37.4 gallons per hour, 75% load - 28.5 gallons per hour, 50% load - 23.7 gallons per hour.	1,144.00	
01 22 23 00-0580	WK	500.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 37.4 gallons per hour, 75% load - 28.5 gallons per hour, 50% load - 23.7 gallons per hour.	2,600.00	
01 22 23 00-0581	MO	500.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 37.4 gallons per hour, 75% load - 28.5 gallons per hour, 50% load - 23.7 gallons per hour.	7,800.00	
01 22 23 00-0582	DAY	750.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 54.8 gallons per hour, 75% load - 40.9 gallons per hour, 50% load - 28.8 gallons per hour.	1,600.00	
01 22 23 00-0583	WK	750.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 54.8 gallons per hour, 75% load - 40.9 gallons per hour, 50% load - 28.8 gallons per hour.	4,000.00	
01 22 23 00-0584	MO	750.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 54.8 gallons per hour, 75% load - 40.9 gallons per hour, 50% load - 28.8 gallons per hour.	12,000.00	
01 22 23 00-0585	EA	Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up	699.24	
01 22 23 00-0586	EA	350 To 750 KW Generator Set Delivery, Set-Up, Testing And Pick-up	1,098.48	

01 22 23 00-0587 Cabling For Generator Sets *(01 22 23 00-0531)*

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

01 22 23 00-0588	DAY	#1 Banded Cable, 50' With Camlock Ends For Generator Set	22.00	
01 22 23 00-0589	WK	#1 Banded Cable, 50' With Camlock Ends For Generator Set	38.50	
01 22 23 00-0590	MO	#1 Banded Cable, 50' With Camlock Ends For Generator Set	115.50	
01 22 23 00-0591	DAY	50', 4/0 Cable With Camlock Ends For Generator Set	11.00	
01 22 23 00-0592	WK	50', 4/0 Cable With Camlock Ends For Generator Set	32.00	
01 22 23 00-0593	MO	50', 4/0 Cable With Camlock Ends For Generator Set	89.00	

01 22 23 00-0594 Resistive Loadbanks *(01 22 23 00-0531)*

Note: Includes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0615 for reimbursable fuel fees.

01 22 23 00-0595	DAY	100 KW A/C Resistive Loadbank	324.29	
01 22 23 00-0596	WK	100 KW A/C Resistive Loadbank	800.37	
01 22 23 00-0597	MO	100 KW A/C Resistive Loadbank	2,394.21	
01 22 23 00-0598	DAY	650 KW A/C Resistive Loadbank	546.46	
01 22 23 00-0599	WK	650 KW A/C Resistive Loadbank	1,461.37	
01 22 23 00-0600	MO	650 KW A/C Resistive Loadbank	3,725.86	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 22 23 00-0601 Sub-Distribution Panels (Spider Box) *(01 22 23 00-0531)*

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

01 22 23 00-0602	DAY	Sub-Distribution Panel (Spider Box)	54.00
01 22 23 00-0603	WK	Sub-Distribution Panel (Spider Box)	140.00
01 22 23 00-0604	MO	Sub-Distribution Panel (Spider Box)	395.00

01 22 23 00-0605 Portable Distribution Panels *(01 22 23 00-0531)*

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

01 22 23 00-0606	DAY	200 Amp Spider Box Feeder Panel	120.00
01 22 23 00-0607	WK	200 Amp Spider Box Feeder Panel	325.00
01 22 23 00-0608	MO	200 Amp Spider Box Feeder Panel	910.00
01 22 23 00-0609	DAY	100 Amp Quad Box Panel	98.00
01 22 23 00-0610	WK	100 Amp Quad Box Panel	255.00
01 22 23 00-0611	MO	100 Amp Quad Box Panel	725.00
01 22 23 00-0612	DAY	200 Amp Quad Box Panel	125.00
01 22 23 00-0613	WK	200 Amp Quad Box Panel	315.00
01 22 23 00-0614	MO	200 Amp Quad Box Panel	855.00

01 22 23 00-0615 Fuel Reimbursement For Generators *(01 22 23 00-0531)*

01 22 23 00-0616	EA	Fuel Reimbursement For Generators Note: Purchases made by the contractor for fuel will be reimbursed to the Contractor at the actual cost of the purchase, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The base cost of the purchase is $1.00, quantity will adjust cost to actual purchase cost, i.e.; quantity of 125 = $125.00 purchase. If there are multiple purchases, each one shall be listed separately with a comment in the "note" block to identify the purchase.	1.00

01 22 23 00-0617 Space Heaters *(01 22 23 00-0516)*

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

01 22 23 00-0618	DAY	150,000 BTU/Hour Space Heater	44.30
01 22 23 00-0619	WK	150,000 BTU/Hour Space Heater	127.37
01 22 23 00-0620	MO	150,000 BTU/Hour Space Heater	359.97
01 22 23 00-0621	DAY	500,000 BTU/Hour Space Heater	94.15
01 22 23 00-0622	WK	500,000 BTU/Hour Space Heater	232.60
01 22 23 00-0623	MO	500,000 BTU/Hour Space Heater	588.14

01 22 23 00-0624 General Equipment *(01 22 23)*

01 22 23 00-0625 Jacks And Bracing *(01 22 23 00-0624)*

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

01 22 23 00-0626 Manual Hydraulic Jacks *(01 22 23 00-0625)*

01 22 23 00-0627	DAY	12 Ton Manual Hydraulic Bottle Jack	14.19
01 22 23 00-0628	WK	12 Ton Manual Hydraulic Bottle Jack	36.90
01 22 23 00-0629	MO	12 Ton Manual Hydraulic Bottle Jack	65.28
01 22 23 00-0630	DAY	20 Ton Manual Hydraulic Bottle Jack	28.38
01 22 23 00-0631	WK	20 Ton Manual Hydraulic Bottle Jack	79.48
01 22 23 00-0632	MO	20 Ton Manual Hydraulic Bottle Jack	156.11
01 22 23 00-0633	DAY	50 Ton Manual Hydraulic Bottle Jack	44.00
01 22 23 00-0634	WK	50 Ton Manual Hydraulic Bottle Jack	109.28
01 22 23 00-0635	MO	50 Ton Manual Hydraulic Bottle Jack	184.50
01 22 23 00-0636	DAY	100 Ton Manual Hydraulic Bottle Jack	116.37
01 22 23 00-0637	WK	100 Ton Manual Hydraulic Bottle Jack	279.58
01 22 23 00-0638	MO	100 Ton Manual Hydraulic Bottle Jack	465.50

01 22 23 00-0639 Manual Screw Jacks *(01 22 23 00-0625)*

01 22 23 00-0640	DAY	10 To 20 Ton Manual Screw Jack	18.45
01 22 23 00-0641	WK	10 To 20 Ton Manual Screw Jack	49.67
01 22 23 00-0642	MO	10 To 20 Ton Manual Screw Jack	137.66

01 22 23 00-0643 Pressure Washers *(01 22 23 00-0624)*

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

01 22 23 00-0644	DAY	2,000 PSI Pressure Washer With Full-Time Operator	673.46
		For Equipment Without Operator, Deduct	*-528.07*
01 22 23 00-0645	WK	2,000 PSI Pressure Washer With Full-Time Operator	3,009.41
		For Equipment Without Operator, Deduct	*-2,640.34*
01 22 23 00-0646	MO	2,000 PSI Pressure Washer With Full-Time Operator	12,320.24
		For Equipment Without Operator, Deduct	*-11,380.78*
01 22 23 00-0647	DAY	2,500 PSI Pressure Washer With Full-Time Operator	673.46
		For Equipment Without Operator, Deduct	*-528.07*
01 22 23 00-0648	WK	2,500 PSI Pressure Washer With Full-Time Operator	3,009.41
		For Equipment Without Operator, Deduct	*-2,640.34*
01 22 23 00-0649	MO	2,500 PSI Pressure Washer With Full-Time Operator	12,320.24
		For Equipment Without Operator, Deduct	*-11,380.78*
01 22 23 00-0650	DAY	3,000 PSI Pressure Washer With Full-Time Operator	673.46
		For Equipment Without Operator, Deduct	*-528.07*
01 22 23 00-0651	WK	3,000 PSI Pressure Washer With Full-Time Operator	3,009.41
		For Equipment Without Operator, Deduct	*-2,640.34*
01 22 23 00-0652	MO	3,000 PSI Pressure Washer With Full-Time Operator	12,320.24
		For Equipment Without Operator, Deduct	*-11,380.78*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0653	DAY	3,500 PSI Pressure Washer With Full-Time Operator	684.65	
		For Equipment Without Operator, Deduct	*-528.07*	
01 22 23 00-0654	WK	3,500 PSI Pressure Washer With Full-Time Operator	3,042.96	
		For Equipment Without Operator, Deduct	*-2,640.34*	
01 22 23 00-0655	MO	3,500 PSI Pressure Washer With Full-Time Operator	12,409.71	
		For Equipment Without Operator, Deduct	*-11,380.78*	
01 22 23 00-0656	DAY	4,000 PSI Pressure Washer With Full-Time Operator	751.75	
		For Equipment Without Operator, Deduct	*-528.07*	
01 22 23 00-0657	WK	4,000 PSI Pressure Washer With Full-Time Operator	3,244.28	
		For Equipment Without Operator, Deduct	*-2,640.34*	
01 22 23 00-0658	MO	4,000 PSI Pressure Washer With Full-Time Operator	13,080.75	
		For Equipment Without Operator, Deduct	*-11,380.78*	
01 22 23 00-0659	DAY	5,000 PSI Pressure Washer With Full-Time Operator	751.75	
		For Equipment Without Operator, Deduct	*-528.07*	
01 22 23 00-0660	WK	5,000 PSI Pressure Washer With Full-Time Operator	3,244.28	
		For Equipment Without Operator, Deduct	*-2,640.34*	
01 22 23 00-0661	MO	5,000 PSI Pressure Washer With Full-Time Operator	13,080.75	
		For Equipment Without Operator, Deduct	*-11,380.78*	

01 22 23 00-0662 Confined Space Entry Equipment *(01 22 23 00-0624)*

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

01 22 23 00-0663	DAY	Ventilation Equipment For Confined Space	47.47	
01 22 23 00-0664	WK	Ventilation Equipment For Confined Space	142.42	
01 22 23 00-0665	MO	Ventilation Equipment For Confined Space	424.99	
01 22 23 00-0666	DAY	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	30.82	
01 22 23 00-0667	WK	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	92.47	
01 22 23 00-0668	MO	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	277.42	
01 22 23 00-0669	DAY	Confined Space Air Monitor Personnel Note: Per person day.	544.04	

01 22 23 00-0670 Material Handling Equipment *(01 22 23)*

01 22 23 00-0671 Truck Mounted Hydraulic Cranes *(01 22 23 00-0670)*

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

01 22 23 00-0672	DAY	6 Ton Lift Hydraulic Crane With Full-Time Operator	981.29	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0673	WK	6 Ton Lift Hydraulic Crane With Full-Time Operator	4,117.50	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0674	MO	6 Ton Lift Hydraulic Crane With Full-Time Operator	16,170.25	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0675	DAY	8 To 9 Ton Lift Hydraulic Crane With Full-Time Operator	1,087.28	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0676	WK	8 To 9 Ton Lift Hydraulic Crane With Full-Time Operator	4,432.51	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0677	MO	8 To 9 Ton Lift Hydraulic Crane With Full-Time Operator	17,112.33	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0678	DAY	14 To 15 Ton Lift Hydraulic Crane With Full-Time Operator	1,193.26	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0679	WK	14 To 15 Ton Lift Hydraulic Crane With Full-Time Operator	4,747.51	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0680	MO	14 To 15 Ton Lift Hydraulic Crane With Full-Time Operator	18,054.41	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0681	DAY	20 To 25 Ton Lift Hydraulic Crane With Full-Time Operator	1,334.57	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0682	WK	20 To 25 Ton Lift Hydraulic Crane With Full-Time Operator	5,171.45	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0683	MO	20 To 25 Ton Lift Hydraulic Crane With Full-Time Operator	19,320.33	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0684	DAY	30 To 35 Ton Lift Hydraulic Crane With Full-Time Operator	1,464.11	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0685	WK	30 To 35 Ton Lift Hydraulic Crane With Full-Time Operator	6,048.76	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0686	MO	30 To 35 Ton Lift Hydraulic Crane With Full-Time Operator	21,949.91	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0687	DAY	40 To 45 Ton Lift Hydraulic Crane With Full-Time Operator	1,770.29	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0688	WK	40 To 45 Ton Lift Hydraulic Crane With Full-Time Operator	7,143.93	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0689	MO	40 To 45 Ton Lift Hydraulic Crane With Full-Time Operator	25,237.77	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0690	DAY	50 To 55 Ton Lift Hydraulic Crane With Full-Time Operator	1,964.59	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0691	WK	50 To 55 Ton Lift Hydraulic Crane With Full-Time Operator	7,826.94	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0692	MO	50 To 55 Ton Lift Hydraulic Crane With Full-Time Operator	27,291.50	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0693	DAY	60 To 65 Ton Lift Hydraulic Crane With Full-Time Operator	2,117.68	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0694	WK	60 To 65 Ton Lift Hydraulic Crane With Full-Time Operator	8,380.41	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0695	MO	60 To 65 Ton Lift Hydraulic Crane With Full-Time Operator	28,949.57	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0696	DAY	70 To 75 Ton Lift Hydraulic Crane With Full-Time Operator	2,270.77	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0697	WK	70 To 75 Ton Lift Hydraulic Crane With Full-Time Operator	8,933.88	
		For Equipment Without Operator, Deduct	*-2,904.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0698	MO	70 To 75 Ton Lift Hydraulic Crane With Full-Time Operator	30,607.63	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0699	DAY	90 Ton Lift Hydraulic Crane With Full-Time Operator	2,370.86	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0700	WK	90 Ton Lift Hydraulic Crane With Full-Time Operator	9,275.39	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0701	MO	90 Ton Lift Hydraulic Crane With Full-Time Operator	31,643.91	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0702	DAY	100 Ton Lift Hydraulic Crane With Full-Time Operator	2,506.29	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0703	WK	100 Ton Lift Hydraulic Crane With Full-Time Operator	9,781.75	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0704	MO	100 Ton Lift Hydraulic Crane With Full-Time Operator	33,151.24	
		For Equipment Without Operator, Deduct	*-12,519.69*	

01 22 23 00-0705 Cranes, Mechanical, Cable Controlled Lattice Boom, Truck Mounted *(01 22 23 00-0670)*

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

01 22 23 00-0706	DAY	75 To 80 Ton Lift Mechanical Crane With Full-Time Operator	1,994.03	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0707	WK	75 To 80 Ton Lift Mechanical Crane With Full-Time Operator	7,944.70	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0708	MO	75 To 80 Ton Lift Mechanical Crane With Full-Time Operator	27,640.07	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0709	DAY	100 To 110 Ton Lift Mechanical Crane With Full-Time Operator	3,083.31	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0710	WK	100 To 110 Ton Lift Mechanical Crane With Full-Time Operator	9,758.20	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0711	MO	100 To 110 Ton Lift Mechanical Crane With Full-Time Operator	33,080.59	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0712	DAY	125 Ton Lift Mechanical Crane With Full-Time Operator	3,259.95	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0713	WK	125 Ton Lift Mechanical Crane With Full-Time Operator	11,047.67	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0714	MO	125 Ton Lift Mechanical Crane With Full-Time Operator	36,947.82	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0715	DAY	150 Ton Lift Mechanical Crane With Full-Time Operator	3,613.23	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0716	WK	150 Ton Lift Mechanical Crane With Full-Time Operator	12,337.15	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0717	MO	150 Ton Lift Mechanical Crane With Full-Time Operator	40,810.35	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0718	DAY	250 Ton Lift Mechanical Crane With Full-Time Operator	3,948.85	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0719	WK	250 Ton Lift Mechanical Crane With Full-Time Operator	14,916.09	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0720	MO	250 Ton Lift Mechanical Crane With Full-Time Operator	48,554.25	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0721	DAY	300 Ton Lift Mechanical Crane With Full-Time Operator	4,502.32	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0722	WK	300 Ton Lift Mechanical Crane With Full-Time Operator	16,900.35	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0723	MO	300 Ton Lift Mechanical Crane With Full-Time Operator	54,498.77	
		For Equipment Without Operator, Deduct	*-12,519.69*	
01 22 23 00-0724	DAY	500 Ton Lift Mechanical Crane With Full-Time Operator	7,905.58	
		For Equipment Without Operator, Deduct	*-580.91*	
01 22 23 00-0725	WK	500 Ton Lift Mechanical Crane With Full-Time Operator	29,029.63	
		For Equipment Without Operator, Deduct	*-2,904.57*	
01 22 23 00-0726	MO	500 Ton Lift Mechanical Crane With Full-Time Operator	90,900.75	
		For Equipment Without Operator, Deduct	*-12,519.69*	

01 22 23 00-0727 Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts *(01 22 23 00-0670)*

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

01 22 23 00-0728	DAY	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	987.16	
		For Equipment Without Operator, Deduct	*-544.04*	
01 22 23 00-0729	WK	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	3,804.68	
		For Equipment Without Operator, Deduct	*-2,720.21*	
01 22 23 00-0730	MO	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	14,057.23	
		For Equipment Without Operator, Deduct	*-11,725.03*	
01 22 23 00-0731	DAY	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,033.80	
		For Equipment Without Operator, Deduct	*-544.04*	
01 22 23 00-0732	WK	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	3,909.63	
		For Equipment Without Operator, Deduct	*-2,720.21*	
01 22 23 00-0733	MO	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	14,290.45	
		For Equipment Without Operator, Deduct	*-11,725.03*	
01 22 23 00-0734	DAY	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,022.14	
		For Equipment Without Operator, Deduct	*-544.04*	
01 22 23 00-0735	WK	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	3,962.11	
		For Equipment Without Operator, Deduct	*-2,720.21*	
01 22 23 00-0736	MO	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	14,640.28	
		For Equipment Without Operator, Deduct	*-11,725.03*	
01 22 23 00-0737	DAY	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,156.24	
		For Equipment Without Operator, Deduct	*-544.04*	
01 22 23 00-0738	WK	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	4,311.94	
		For Equipment Without Operator, Deduct	*-2,720.21*	
01 22 23 00-0739	MO	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	15,456.55	
		For Equipment Without Operator, Deduct	*-11,725.03*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 22 23 00-0740 Straight Mast, Rough Terrain Construction Forklifts *(01 22 23 00-0670)*

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

01 22 23 00-0741	DAY	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	832.07	
		For Equipment Without Operator, Deduct	*-544.04*	
		For Propane Instead Of Gas Or Diesel, Add	*57.61*	
01 22 23 00-0742	WK	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	3,506.74	
		For Equipment Without Operator, Deduct	*-2,720.21*	
		For Propane Instead Of Gas Or Diesel, Add	*157.31*	
01 22 23 00-0743	MO	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	13,525.20	
		For Equipment Without Operator, Deduct	*-11,725.03*	
		For Propane Instead Of Gas Or Diesel, Add	*360.03*	
01 22 23 00-0744	DAY	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	847.23	
		For Equipment Without Operator, Deduct	*-544.04*	
		For Propane Instead Of Gas Or Diesel, Add	*60.64*	
01 22 23 00-0745	WK	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	3,548.14	
		For Equipment Without Operator, Deduct	*-2,720.21*	
		For Propane Instead Of Gas Or Diesel, Add	*165.59*	
01 22 23 00-0746	MO	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	13,619.94	
		For Equipment Without Operator, Deduct	*-11,725.03*	
		For Propane Instead Of Gas Or Diesel, Add	*378.98*	
01 22 23 00-0747	DAY	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	928.85	
		For Equipment Without Operator, Deduct	*-544.04*	
		For Propane Instead Of Gas Or Diesel, Add	*76.96*	
01 22 23 00-0748	WK	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	3,775.53	
		For Equipment Without Operator, Deduct	*-2,720.21*	
		For Propane Instead Of Gas Or Diesel, Add	*211.06*	
01 22 23 00-0749	MO	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	14,144.69	
		For Equipment Without Operator, Deduct	*-11,725.03*	
		For Propane Instead Of Gas Or Diesel, Add	*483.93*	
01 22 23 00-0750	DAY	10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	973.81	
		For Equipment Without Operator, Deduct	*-544.04*	
		For Propane Instead Of Gas Or Diesel, Add	*85.95*	
01 22 23 00-0751	WK	10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	3,756.06	
		For Equipment Without Operator, Deduct	*-2,720.21*	
		For Propane Instead Of Gas Or Diesel, Add	*207.17*	
01 22 23 00-0752	MO	10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	14,303.63	
		For Equipment Without Operator, Deduct	*-11,725.03*	
		For Propane Instead Of Gas Or Diesel, Add	*515.72*	

01 22 23 00-0753 Straight Mast, Industrial Warehouse Forklifts *(01 22 23 00-0670)*

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

01 22 23 00-0754	DAY	5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	788.92	
		For Equipment Without Operator, Deduct	*-544.04*	
		For Propane Instead Of Gas Or Diesel, Add	*48.98*	
01 22 23 00-0755	WK	5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	3,279.94	
		For Equipment Without Operator, Deduct	*-2,720.21*	
		For Propane Instead Of Gas Or Diesel, Add	*111.95*	
01 22 23 00-0756	MO	5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	13,066.05	
		For Equipment Without Operator, Deduct	*-11,725.03*	
		For Propane Instead Of Gas Or Diesel, Add	*268.20*	
01 22 23 00-0757	DAY	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	794.75	
		For Equipment Without Operator, Deduct	*-544.04*	
		For Propane Instead Of Gas Or Diesel, Add	*50.14*	
01 22 23 00-0758	WK	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	3,297.43	
		For Equipment Without Operator, Deduct	*-2,720.21*	
		For Propane Instead Of Gas Or Diesel, Add	*115.44*	
01 22 23 00-0759	MO	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	13,106.86	
		For Equipment Without Operator, Deduct	*-11,725.03*	
		For Propane Instead Of Gas Or Diesel, Add	*276.37*	
01 22 23 00-0760	DAY	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	917.19	
		For Equipment Without Operator, Deduct	*-544.04*	
		For Propane Instead Of Gas Or Diesel, Add	*74.63*	
01 22 23 00-0761	WK	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	3,565.63	
		For Equipment Without Operator, Deduct	*-2,720.21*	
		For Propane Instead Of Gas Or Diesel, Add	*169.08*	
01 22 23 00-0762	MO	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	13,765.71	
		For Equipment Without Operator, Deduct	*-11,725.03*	
		For Propane Instead Of Gas Or Diesel, Add	*408.14*	
01 22 23 00-0763	DAY	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	928.85	
		For Equipment Without Operator, Deduct	*-544.04*	
		For Propane Instead Of Gas Or Diesel, Add	*76.96*	
01 22 23 00-0764	WK	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	3,664.75	
		For Equipment Without Operator, Deduct	*-2,720.21*	
		For Propane Instead Of Gas Or Diesel, Add	*188.91*	
01 22 23 00-0765	MO	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	14,115.53	
		For Equipment Without Operator, Deduct	*-11,725.03*	
		For Propane Instead Of Gas Or Diesel, Add	*478.10*	
01 22 23 00-0766	DAY	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,033.80	
		For Equipment Without Operator, Deduct	*-544.04*	
		For Propane Instead Of Gas Or Diesel, Add	*97.95*	
01 22 23 00-0767	WK	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	3,833.84	
		For Equipment Without Operator, Deduct	*-2,720.21*	
		For Propane Instead Of Gas Or Diesel, Add	*222.73*	
01 22 23 00-0768	MO	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	14,407.06	
		For Equipment Without Operator, Deduct	*-11,725.03*	
		For Propane Instead Of Gas Or Diesel, Add	*536.41*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0769		**Tower Cranes** *(01 22 23 00-0670)*		
01 22 23 00-0770	MO	PC14000SK Tower Crane With 18' Jib Height Note: 205'-7" maximum free standing reach, 148' maximum reach, 22000 LB capacity at 52' hook reach, 4620 LB capacity at 148' hook reach.	5,640.00	
01 22 23 00-0771	MO	SK 135-2 Tower Crane With 18' Jib Height Note: 219'-7" maximum free standing reach, 170' maximum reach, 17600 LB capacity at 59' hook reach, 4800 LB capacity at 170' hook reach.	7,520.00	
01 22 23 00-0772		**Chain Hoists** *(01 22 23 00-0670)* Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0773	DAY	1 Ton, 20' Lift, Manual Chain Hoist	14.19	
01 22 23 00-0774	WK	1 Ton, 20' Lift, Manual Chain Hoist	38.32	
01 22 23 00-0775	MO	1 Ton, 20' Lift, Manual Chain Hoist	96.51	
01 22 23 00-0776	DAY	3 Ton, 20' Lift, Manual Chain Hoist	31.22	
01 22 23 00-0777	WK	3 Ton, 20' Lift, Manual Chain Hoist	75.22	
01 22 23 00-0778	MO	3 Ton, 20' Lift, Manual Chain Hoist	187.33	
01 22 23 00-0779	DAY	5 Ton, 20' Lift, Manual Chain Hoist	45.41	
01 22 23 00-0780	WK	5 Ton, 20' Lift, Manual Chain Hoist	109.28	
01 22 23 00-0781	MO	5 Ton, 20' Lift, Manual Chain Hoist	272.49	
01 22 23 00-0782	DAY	2 Ton, 20' Lift, 2-Speed, 230/460V 60 Cycle, Electric Chain Hoist	90.83	
01 22 23 00-0783	WK	2 Ton, 20' Lift, 2-Speed, 230/460V 60 Cycle, Electric Chain Hoist	218.56	
01 22 23 00-0784	MO	2 Ton, 20' Lift, 2-Speed, 230/460V 60 Cycle, Electric Chain Hoist	544.97	
01 22 23 00-0785	DAY	3 Ton, 20' Lift, 2-Speed, 230/460V 60 Cycle, Electric Chain Hoist	102.18	
01 22 23 00-0786	WK	3 Ton, 20' Lift, 2-Speed, 230/460V 60 Cycle, Electric Chain Hoist	246.94	
01 22 23 00-0787	MO	3 Ton, 20' Lift, 2-Speed, 230/460V 60 Cycle, Electric Chain Hoist	613.09	
01 22 23 00-0788	DAY	5 Ton, 20' Lift, 2-Speed, 230/460V 60 Cycle, Electric Chain Hoist	127.73	
01 22 23 00-0789	WK	5 Ton, 20' Lift, 2-Speed, 230/460V 60 Cycle, Electric Chain Hoist	307.97	
01 22 23 00-0790	MO	5 Ton, 20' Lift, 2-Speed, 230/460V 60 Cycle, Electric Chain Hoist	766.37	
01 22 23 00-0791		**Pumping Equipment** *(01 22 23)*		
01 22 23 00-0792		**Gas Powered Portable Centrifugal Pumps** *(01 22 23 00-0791)* Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-0816 for larger diameter pumps.		
01 22 23 00-0793	DAY	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	52.70	
01 22 23 00-0794	WK	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	118.58	
01 22 23 00-0795	MO	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	316.22	
01 22 23 00-0796	DAY	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	63.24	
01 22 23 00-0797	WK	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	142.30	
01 22 23 00-0798	MO	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	379.47	
01 22 23 00-0799		**Gas Powered Portable Diaphragm Pumps** *(01 22 23 00-0791)* Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0800	DAY	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	60.61	
01 22 23 00-0801	WK	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	171.29	
01 22 23 00-0802	MO	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	434.81	
01 22 23 00-0803	DAY	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	73.79	
01 22 23 00-0804	WK	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	197.64	
01 22 23 00-0805	MO	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	559.98	
01 22 23 00-0806		**Gas Powered Portable Trash Pumps** *(01 22 23 00-0791)* Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0807	DAY	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	76.42	
01 22 23 00-0808	WK	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	158.11	
01 22 23 00-0809	MO	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	474.34	
01 22 23 00-0810	DAY	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	76.42	
01 22 23 00-0811	WK	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	204.23	
01 22 23 00-0812	MO	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	559.98	
01 22 23 00-0813	DAY	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	121.22	
01 22 23 00-0814	WK	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	342.58	
01 22 23 00-0815	MO	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	994.79	
01 22 23 00-0816		**Diesel Powered Portable Trash Pumps** *(01 22 23 00-0791)* Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0817	DAY	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	237.17	
01 22 23 00-0818	WK	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	645.62	
01 22 23 00-0819	MO	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	2,813.08	
01 22 23 00-0820	DAY	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	362.34	
01 22 23 00-0821	WK	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	948.67	
01 22 23 00-0822	MO	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	2,523.20	
01 22 23 00-0823	DAY	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	492.78	
01 22 23 00-0824	WK	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,318.92	
01 22 23 00-0825	MO	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	3,528.53	
01 22 23 00-0826	DAY	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	637.72	
01 22 23 00-0827	WK	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	1,628.55	
01 22 23 00-0828	MO	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	4,782.89	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 22 23 00-0829 Diesel Powered Portable Silenced Environmental Trash Pumps *(01 22 23 00-0791)*

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

01 22 23 00-0830	DAY	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	338.62	
01 22 23 00-0831	WK	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	770.80	
01 22 23 00-0832	MO	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,403.30	
01 22 23 00-0833	DAY	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	415.04	
01 22 23 00-0834	WK	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,034.32	
01 22 23 00-0835	MO	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,813.08	
01 22 23 00-0836	DAY	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	500.69	
01 22 23 00-0837	WK	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,480.98	
01 22 23 00-0838	MO	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	4,130.68	
01 22 23 00-0839	DAY	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	753.67	
01 22 23 00-0840	WK	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,925.01	
01 22 23 00-0841	MO	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	5,652.50	

01 22 23 00-0842 3 Phase Electric Submersible Pumps *(01 22 23 00-0791)*

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

01 22 23 00-0843	DAY	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	131.76	
01 22 23 00-0844	WK	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	329.40	
01 22 23 00-0845	MO	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	988.20	
01 22 23 00-0846	DAY	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	173.92	
01 22 23 00-0847	WK	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	434.81	
01 22 23 00-0848	MO	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	1,304.42	

01 22 23 00-0849 Hydraulic Submersible Pumps *(01 22 23 00-0791)*

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

01 22 23 00-0850	DAY	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	86.96	
01 22 23 00-0851	WK	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	233.22	
01 22 23 00-0852	MO	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	652.21	
01 22 23 00-0853	DAY	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	110.68	
01 22 23 00-0854	WK	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	284.60	
01 22 23 00-0855	MO	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	869.62	

01 22 23 00-0856 Suction Hose With Couplings *(01 22 23 00-0791)*

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

01 22 23 00-0857	DAY	1-1/2" Inside Diameter, 20' Length, Suction Hose With Couplings	9.09	
01 22 23 00-0858	WK	1-1/2" Inside Diameter, 20' Length, Suction Hose With Couplings	22.73	
01 22 23 00-0859	MO	1-1/2" Inside Diameter, 20' Length, Suction Hose With Couplings	56.06	
01 22 23 00-0860	DAY	2" Inside Diameter, 20' Length, Suction Hose With Couplings	10.61	
01 22 23 00-0861	WK	2" Inside Diameter, 20' Length, Suction Hose With Couplings	24.24	
01 22 23 00-0862	MO	2" Inside Diameter, 20' Length, Suction Hose With Couplings	59.09	
01 22 23 00-0863	DAY	3" Inside Diameter, 20' Length, Suction Hose With Couplings	22.73	
01 22 23 00-0864	WK	3" Inside Diameter, 20' Length, Suction Hose With Couplings	50.00	
01 22 23 00-0865	MO	3" Inside Diameter, 20' Length, Suction Hose With Couplings	134.86	
01 22 23 00-0866	DAY	4" Inside Diameter, 20' Length, Suction Hose With Couplings	28.79	
01 22 23 00-0867	WK	4" Inside Diameter, 20' Length, Suction Hose With Couplings	65.16	
01 22 23 00-0868	MO	4" Inside Diameter, 20' Length, Suction Hose With Couplings	174.25	
01 22 23 00-0869	DAY	6" Inside Diameter, 20' Length, Suction Hose With Couplings	37.88	
01 22 23 00-0870	WK	6" Inside Diameter, 20' Length, Suction Hose With Couplings	87.88	
01 22 23 00-0871	MO	6" Inside Diameter, 20' Length, Suction Hose With Couplings	198.50	

01 22 23 00-0872 Discharge Hose With Couplings *(01 22 23 00-0791)*

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

01 22 23 00-0873	DAY	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	13.18	
01 22 23 00-0874	WK	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	27.67	
01 22 23 00-0875	MO	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	59.29	
01 22 23 00-0876	DAY	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	21.08	
01 22 23 00-0877	WK	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	30.30	
01 22 23 00-0878	MO	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	63.24	
01 22 23 00-0879	DAY	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	21.08	
01 22 23 00-0880	WK	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	42.16	
01 22 23 00-0881	MO	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	83.01	
01 22 23 00-0882	DAY	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	28.99	
01 22 23 00-0883	WK	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	76.42	
01 22 23 00-0884	MO	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	154.16	
01 22 23 00-0885	DAY	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	57.97	
01 22 23 00-0886	WK	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	118.58	
01 22 23 00-0887	MO	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	250.34	

01 22 23 00-0888 Temporary Building Services *(01 22 23)*

01 22 23 00-0889 Boilers *(01 22 23 00-0888)*

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

01 22 23 00-0890 Electric Boilers *(01 22 23 00-0889)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0891	MO	40 MBH, 12 KW Electric Boiler Rental	1,381.82	
01 22 23 00-0892	MO	60 MBH, 20 KW Electric Boiler Rental	1,507.46	
01 22 23 00-0893	MO	95 MBH, 30 KW Electric Boiler Rental	1,570.28	
01 22 23 00-0894	MO	135 MBH, 40 KW Electric Boiler Rental	1,758.68	
01 22 23 00-0895	MO	165 MBH, 50 KW Electric Boiler Rental	2,449.59	
01 22 23 00-0896	MO	215 MBH, 60 KW Electric Boiler Rental	2,826.46	
01 22 23 00-0897	MO	365 MBH, 100 KW Electric Boiler Rental	3,705.83	
01 22 23 00-0898	MO	510 MBH, 150 KW Electric Boiler Rental	4,522.37	

01 22 23 00-0899 Oil/Gas Fired Boilers *(01 22 23 00-0889)*

01 22 23 00-0900	MO	Up To 100 HP Gas/Oil Dual Fuel Boiler Rental	5,000.00	
		For >3 Months Rental, Deduct	*-750.00*	
01 22 23 00-0901	MO	101 HP To 250 HP Gas/Oil Dual Fuel Boiler Rental	6,500.00	
		For >3 Months Rental, Deduct	*-975.00*	
01 22 23 00-0902	MO	251 HP To 500 HP Gas/Oil Dual Fuel Boiler Rental	10,500.00	
		For >3 Months Rental, Deduct	*-1,575.00*	
01 22 23 00-0903	MO	501 HP To 800 HP Gas/Oil Dual Fuel Boiler Rental	14,500.00	
		For >3 Months Rental, Deduct	*-2,175.00*	

01 22 23 00-0904 Oil Fired Boilers *(01 22 23 00-0889)*

01 22 23 00-0905	MO	250 HP Oil Fired Boiler Rental	3,880.85	
01 22 23 00-0906	MO	350 HP Oil Fired Boiler Rental	5,174.47	
01 22 23 00-0907	MO	500 HP Oil Fired Boiler Rental	6,468.09	
01 22 23 00-0908	MO	600 HP Oil Fired Boiler Rental	7,114.89	

01 22 23 00-0909 Boilers Setup *(01 22 23 00-0889)*

01 22 23 00-0910	EA	Setup Rental Boiler	3,732.31	
		Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.		

01 22 23 00-0911 Chillers *(01 22 23 00-0888)*

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

01 22 23 00-0912 Air Cooled Chillers *(01 22 23 00-0911)*

01 22 23 00-0913	MO	40 Ton Air Cooled Chiller Rental	3,771.31	
		For >3 To 6 Month Rental, Deduct	*-565.70*	
		For >6 Month Rental, Deduct	*-942.83*	
01 22 23 00-0914	MO	60 Ton Air Cooled Chiller Rental	4,612.73	
		For >3 To 6 Month Rental, Deduct	*-691.91*	
		For >6 Month Rental, Deduct	*-1,153.18*	
01 22 23 00-0915	MO	80 Ton Air Cooled Chiller Rental	5,454.16	
		For >3 To 6 Month Rental, Deduct	*-818.12*	
		For >6 Month Rental, Deduct	*-1,363.54*	
01 22 23 00-0916	MO	100 Ton Air Cooled Chiller Rental	6,295.59	
		For >3 To 6 Month Rental, Deduct	*-944.34*	
		For >6 Month Rental, Deduct	*-1,573.90*	
01 22 23 00-0917	MO	125 Ton Air Cooled Chiller Rental	7,293.56	
		For >3 To 6 Month Rental, Deduct	*-1,094.03*	
		For >6 Month Rental, Deduct	*-1,823.39*	
01 22 23 00-0918	MO	170 Ton Air Cooled Chiller Rental	9,435.37	
		For >3 To 6 Month Rental, Deduct	*-1,415.31*	
		For >6 Month Rental, Deduct	*-2,358.84*	
01 22 23 00-0919	MO	200 Ton Air Cooled Chiller Rental	10,838.94	
		For >3 To 6 Month Rental, Deduct	*-1,625.84*	
		For >6 Month Rental, Deduct	*-2,709.74*	
01 22 23 00-0920	MO	300 Ton Air Cooled Chiller Rental	15,049.64	
		For >3 To 6 Month Rental, Deduct	*-2,257.45*	
		For >6 Month Rental, Deduct	*-3,762.41*	
01 22 23 00-0921	MO	400 Ton Air Cooled Chiller Rental	19,852.72	
		For >3 To 6 Month Rental, Deduct	*-2,977.91*	
		For >6 Month Rental, Deduct	*-4,963.18*	
01 22 23 00-0922	MO	500 Ton Air Cooled Chiller Rental	24,573.96	
		For >3 To 6 Month Rental, Deduct	*-3,686.09*	
		For >6 Month Rental, Deduct	*-6,143.49*	

01 22 23 00-0923 Chiller Setup *(01 22 23 00-0911)*

01 22 23 00-0924	EA	Setup Rental Chiller	2,594.41	
		Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.		
01 22 23 00-0925	MO	4" x 25' Flexible Hose For Chiller Rental	42.00	
01 22 23 00-0926	MO	6" x 25' Flexible Hose For Chiller Rental	52.50	

01 22 23 00-0927 Emergency Cooler/Freezer *(01 22 23 00-0888)*

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

01 22 23 00-0928	DAY	8 x 6 x 7 Emergency Cooler Rental	90.00	
01 22 23 00-0929	WK	8 x 6 x 7 Emergency Cooler Rental	480.00	
01 22 23 00-0930	DAY	10 x 7 x 7 Emergency Cooler Rental	180.00	
01 22 23 00-0931	WK	10 x 7 x 7 Emergency Cooler Rental	720.00	
01 22 23 00-0932	MO	10 x 7 x 7 Emergency Cooler Rental	1,800.00	
01 22 23 00-0933	DAY	10 x 7 x 7 Emergency Freezer Rental	210.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0934	WK	10 x 7 x 7 Emergency Freezer Rental	840.00	
01 22 23 00-0935	MO	10 x 7 x 7 Emergency Freezer Rental	2,160.00	
01 22 23 00-0936	DAY	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	240.00	
01 22 23 00-0937	WK	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	960.00	
01 22 23 00-0938	MO	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	2,400.00	

01 22 23 00-0939 Fuel Oil Tank *(01 22 23 00-0888)*

Note: Includes delivery to job site, connection to existing system and pick-up when complete. Excludes 0ff-road fuel costs. See CSI section 01 22 23 00-0615 for reimbursable fuel fees.

01 22 23 00-0940	MO	100 Gallon Portable Double Wall Fuel Oil Tank Rental	446.76	
01 22 23 00-0941	MO	275 Gallon Portable Double Wall Fuel Oil Tank Rental	694.95	
01 22 23 00-0942	MO	500 Gallon Portable Double Wall Fuel Oil Tank Rental	1,737.38	
01 22 23 00-0943	MO	1,000 Gallon Portable Double Wall Fuel Oil Tank Rental	2,895.64	
01 22 23 00-0944	MO	2,300 Gallon Portable Double Wall Fuel Oil Tank Rental	3,822.24	
01 22 23 00-0945	MO	5,000 Gallon Portable Double Wall Fuel Oil Tank Rental	6,828.19	

01 22 23 00-0946 Portable Spot Cooling Units *(01 22 23 00-0888)*

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

01 22 23 00-0947	DAY	1 Ton Portable Spot Cooling Unit	116.66	
01 22 23 00-0948	WK	1 Ton Portable Spot Cooling Unit	349.98	
01 22 23 00-0949	MO	1 Ton Portable Spot Cooling Unit	1,049.94	
01 22 23 00-0950	DAY	2 Ton Portable Spot Cooling Unit	146.90	
01 22 23 00-0951	WK	2 Ton Portable Spot Cooling Unit	440.71	
01 22 23 00-0952	MO	2 Ton Portable Spot Cooling Unit	1,322.14	
01 22 23 00-0953	DAY	3 Ton Portable Spot Cooling Unit	172.83	
01 22 23 00-0954	WK	3 Ton Portable Spot Cooling Unit	514.17	
01 22 23 00-0955	MO	3 Ton Portable Spot Cooling Unit	1,542.50	
01 22 23 00-0956	DAY	5 Ton Portable Spot Cooling Unit	224.67	
01 22 23 00-0957	WK	5 Ton Portable Spot Cooling Unit	674.03	
01 22 23 00-0958	MO	5 Ton Portable Spot Cooling Unit	2,022.10	
01 22 23 00-0959	DAY	20 Ton Portable Spot Cooling Unit	328.38	
01 22 23 00-0960	WK	20 Ton Portable Spot Cooling Unit	976.48	
01 22 23 00-0961	MO	20 Ton Portable Spot Cooling Unit	2,929.45	

01 22 23 00-0962 Truck And Trailer Equipment *(01 22 23)*

01 22 23 00-0963 Trucks *(01 22 23 00-0962)*

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

01 22 23 00-0964 Flat Bed Trucks *(01 22 23 00-0963)*

Note: Includes hydraulic tilt bed.

01 22 23 00-0965	DAY	1-1/2 Ton, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,003.89	
		For Equipment Without Operator, Deduct		*-475.33*
01 22 23 00-0966	WK	1-1/2 Ton, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	3,762.36	
		For Equipment Without Operator, Deduct		*-2,376.67*
01 22 23 00-0967	MO	1-1/2 Ton, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	13,744.21	
		For Equipment Without Operator, Deduct		*-10,244.26*
01 22 23 00-0968	DAY	3 Ton, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,232.46	
		For Equipment Without Operator, Deduct		*-475.33*
01 22 23 00-0969	WK	3 Ton, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	4,348.07	
		For Equipment Without Operator, Deduct		*-2,376.67*
01 22 23 00-0970	MO	3 Ton, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	15,244.18	
		For Equipment Without Operator, Deduct		*-10,244.26*

01 22 23 00-0971 Light Duty Trucks *(01 22 23 00-0963)*

01 22 23 00-0972	DAY	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	645.78	
		For Equipment Without Operator, Deduct		*-475.33*
01 22 23 00-0973	WK	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	2,935.95	
		For Equipment Without Operator, Deduct		*-2,376.67*
01 22 23 00-0974	MO	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	11,416.09	
		For Equipment Without Operator, Deduct		*-10,244.26*
01 22 23 00-0975	DAY	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	677.74	
		For Equipment Without Operator, Deduct		*-475.33*
01 22 23 00-0976	WK	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	3,031.83	
		For Equipment Without Operator, Deduct		*-2,376.67*
01 22 23 00-0977	MO	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	11,629.15	
		For Equipment Without Operator, Deduct		*-10,244.26*

01 22 23 00-0978 Rear Dump Trucks *(01 22 23 00-0963)*

01 22 23 00-0979	DAY	4 CY Rear Dump Truck With Full-Time Truck Driver	856.31	
		For Equipment Without Operator, Deduct		*-475.33*
01 22 23 00-0980	WK	4 CY Rear Dump Truck With Full-Time Truck Driver	3,426.29	
		For Equipment Without Operator, Deduct		*-2,376.67*
01 22 23 00-0981	MO	4 CY Rear Dump Truck With Full-Time Truck Driver	12,965.51	
		For Equipment Without Operator, Deduct		*-10,244.26*
01 22 23 00-0982	DAY	6 CY Rear Dump Truck With Full-Time Truck Driver	910.73	
		For Equipment Without Operator, Deduct		*-475.33*
01 22 23 00-0983	WK	6 CY Rear Dump Truck With Full-Time Truck Driver	3,542.92	
		For Equipment Without Operator, Deduct		*-2,376.67*
01 22 23 00-0984	MO	6 CY Rear Dump Truck With Full-Time Truck Driver	13,043.26	
		For Equipment Without Operator, Deduct		*-10,244.26*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0985	DAY	13 CY Rear Dump Truck With Full-Time Truck Driver		1,556.05	
		For Equipment Without Operator, Deduct		*-475.33*	
01 22 23 00-0986	WK	13 CY Rear Dump Truck With Full-Time Truck Driver		4,872.45	
		For Equipment Without Operator, Deduct		*-2,376.67*	
01 22 23 00-0987	MO	13 CY Rear Dump Truck With Full-Time Truck Driver		16,775.26	
		For Equipment Without Operator, Deduct		*-10,244.26*	
01 22 23 00-0988	DAY	18 CY Rear Dump Truck With Full-Time Truck Driver		1,664.13	
		For Equipment Without Operator, Deduct		*-475.33*	
01 22 23 00-0989	WK	18 CY Rear Dump Truck With Full-Time Truck Driver		5,122.02	
		For Equipment Without Operator, Deduct		*-2,376.67*	
01 22 23 00-0990	MO	18 CY Rear Dump Truck With Full-Time Truck Driver		17,428.36	
		For Equipment Without Operator, Deduct		*-10,244.26*	

01 22 23 00-0991 Vacuum Trucks *(01 22 23 00-0963)*

01 22 23 00-0992	DAY	5,000 Gallon Vacuum Truck With Full-Time Truck Driver		1,548.28	
		For Equipment Without Operator, Deduct		*-475.33*	
01 22 23 00-0993	WK	5,000 Gallon Vacuum Truck With Full-Time Truck Driver		5,607.96	
		For Equipment Without Operator, Deduct		*-2,376.67*	
01 22 23 00-0994	MO	5,000 Gallon Vacuum Truck With Full-Time Truck Driver		19,779.52	
		For Equipment Without Operator, Deduct		*-10,244.26*	

01 22 23 00-0995 Water Trucks *(01 22 23 00-0963)*

See CSI section 01 22 23 00-1003 for water trailer, 31 23 23 23-0001 for compaction water as required for earth/aggregate backfill.

01 22 23 00-0996	DAY	2,000 Gallon Water Truck With Full-Time Operator		937.35	
		For Equipment Without Operator, Deduct		*-475.33*	
		For Each 1000 Gallon Of Purchased Water, Add		*2.55*	
01 22 23 00-0997	WK	2,000 Gallon Water Truck With Full-Time Operator		3,593.31	
		For Equipment Without Operator, Deduct		*-2,376.67*	
		For Each 1000 Gallon Of Purchased Water, Add		*2.55*	
01 22 23 00-0998	MO	2,000 Gallon Water Truck With Full-Time Operator		13,119.02	
		For Equipment Without Operator, Deduct		*-10,244.26*	
		For Each 1000 Gallon Of Purchased Water, Add		*2.55*	
01 22 23 00-0999	DAY	3,700 To 4,000 Gallon Water Truck With Full-Time Operator		1,163.22	
		For Equipment Without Operator, Deduct		*-475.33*	
		For Each 1000 Gallon Of Purchased Water, Add		*2.55*	
01 22 23 00-1000	WK	3,700 To 4,000 Gallon Water Truck With Full-Time Operator		4,270.93	
		For Equipment Without Operator, Deduct		*-2,376.67*	
		For Each 1000 Gallon Of Purchased Water, Add		*2.55*	
01 22 23 00-1001	MO	3,700 To 4,000 Gallon Water Truck With Full-Time Operator		14,864.41	
		For Equipment Without Operator, Deduct		*-10,244.26*	
		For Each 1000 Gallon Of Purchased Water, Add		*2.55*	

01 22 23 00-1002 Trailers *(01 22 23 00-0962)*

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

01 22 23 00-1003 Water Trailers With Pump *(01 22 23 00-1002)*

01 22 23 00-1004	DAY	500 To 600 Gallon Water Trailer With Pump		118.07	
01 22 23 00-1005	WK	500 To 600 Gallon Water Trailer With Pump		302.88	
01 22 23 00-1006	MO	500 To 600 Gallon Water Trailer With Pump		811.09	

01 40 Quality Requirements *(01)*

01 45 Quality Control *(01 40)*

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

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

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

01 45 23 00-0003	EA	Concrete Cylinder Stored And Cured (Hold Cylinders)		31.93	
01 45 23 00-0004	EA	Concrete Cores Compression Test, ASTM C-42		69.17	
01 45 23 00-0005	EA	6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633		33.81	
01 45 23 00-0006	EA	Concrete Cylinder Molds 6 X 12, Single Use, Plastic, ASTM C470		2.43	
01 45 23 00-0007	EA	6 x 6 x 18 Concrete Flexural Test, ASTM C-78		101.10	
01 45 23 00-0008	EA	Unit Weight Of Concrete Cylinder, ASTM C-567		37.25	
01 45 23 00-0009	EA	Concrete Mix Design Review		202.20	
01 45 23 00-0010	EA	Trial Concrete Batch Prepared In Laboratory		478.89	
01 45 23 00-0011	EA	Concrete Shrinkage, ASTM C-157 Modified		372.47	
01 45 23 00-0012	EA	6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496		57.47	
01 45 23 00-0013	EA	Concrete Slump Test, ASTM C143		26.60	
01 45 23 00-0014	EA	Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231		26.60	

01 45 23 00-0015 Cement Testing *(01 45 23 00-0001)*

01 45 23 00-0016	EA	Cement Grab Sample (CCR Title 24) Note: Includes sealing and storing 1 year.		26.60	
01 45 23 00-0017	EA	2" x 2" x 2" Cube Compression Test, All Type Materials		42.57	

01 45 23 00-0018 Asphaltic Concrete Testing *(01 45 23 00-0001)*

01 45 23 00-0019	EA	Hveem Asphaltic Concrete Stability Test, CA 366		53.21	
01 45 23 00-0020	EA	Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927		138.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0021	EA	Stability Tests, Premixed, ASTM D1559	53.21	
01 45 23 00-0022	EA	Stability Tests, Lab. Mixed, ASTM D1559	138.35	
01 45 23 00-0023	EA	Swell Test, CA 305	63.85	
		Note: Includes compaction.		
01 45 23 00-0024	EA	% Asphalt Extraction Test, ASTM D-2172 B	159.63	
01 45 23 00-0025	EA	Maximum Theoretical Unit Weight, ASTM C2041	101.42	
01 45 23 00-0026	EA	Unit Weight Sample Requiring Compaction, California Test Method 308	21.28	
01 45 23 00-0027	EA	Asphalt Unit Weight On Core Test, CA 308C	21.28	
01 45 23 00-0028	HR	Nuclear Field Density Testing, 4 Hour Minimum	109.61	
01 45 23 00-0029	EA	Film Stripping	71.81	
01 45 23 00-0030	EA	Penetration, ASTM D5	76.87	

01 45 23 00-0031 Metals Testing *(01 45 23)*

01 45 23 00-0032 Welding Procedures *(01 45 23 00-0031)*

01 45 23 00-0033	EA	Limited Thickness Plate, Per Position, (AWS D1.1)	199.47	
01 45 23 00-0034	EA	Unlimited Thickness Plate, Per Position, (AWS D1.1)	239.37	
01 45 23 00-0035	EA	Pipe, Per Position, (AWS D1.1)	239.37	
01 45 23 00-0036	EA	Bar Sizes #3 Through #9, (AWS D1.4)	106.76	
01 45 23 00-0037	EA	Bar Sizes #10 And #11, (AWS D1.4)	191.49	
01 45 23 00-0038	EA	Bar Sizes #14 And #18, (AWS D1.4)	239.37	
01 45 23 00-0039	EA	ASME Plate Or Pipe	239.37	

01 45 23 00-0040 Tank Tightness Testing *(01 45 23 00-0031)*

01 45 23 00-0041	GAL	Up To 20 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	5.55	
01 45 23 00-0042	GAL	>20 To 120 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	4.76	
01 45 23 00-0043	EA	Up To 12,000 Gallons, Tank Volumetric Tightness Testing	1,428.24	
01 45 23 00-0044	EA	>12,000 To 29,999 Gallons, Tank Volumetric Tightness Testing	1,745.06	
01 45 23 00-0045	EA	>29,999 Gallons, Tank Volumetric Tightness Testing	2,222.41	

01 45 23 00-0046 Tank Line Tightness Testing *(01 45 23 00-0031)*

01 45 23 00-0047	EA	Up To 12,000 Gallons, Tank Line Volumetric Tightness Testing	301.36	
01 45 23 00-0048	EA	>12,000 To 29,999 Gallons, Tank Line Volumetric Tightness Testing	334.63	
01 45 23 00-0049	EA	>29,999 Gallons, Tank Line Volumetric Tightness Testing	367.79	

01 45 23 00-0050 Other Testing *(01 45 23)*

01 45 23 00-0051 Special Testing *(01 45 23 00-0050)*

01 45 23 00-0052	EA	Asphalt Roofing Cut-out Samples, To Determine Unit Weight	82.49	
01 45 23 00-0053	EA	Complete Built-Up Roof Analysis, ASTM D2829 Or ASTM D3617	494.94	
01 45 23 00-0054	EA	Bacterial Test	185.69	
01 45 23 00-0055	EA	Testing For The Presence Of PCBs In Caulk, Analysis Per Sample	103.15	
01 45 23 00-0056	EA	Testing For The Presence Of PCBs In Soil, Analysis Per Sample	103.15	
01 45 23 00-0057	EA	Testing For The Presence Of PCBs Using Wipe Sampling, Analysis Per Sample	103.15	
01 45 23 00-0058	EA	Testing For The Presence Of PCBs In Air, Analysis Per Sample	567.32	

01 45 23 00-0059 Nondestructive Field Testing Services *(01 45 23 00-0050)*

01 45 23 00-0060 Infrared Thermography *(01 45 23 00-0059)*

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

01 45 23 00-0061 Roof Investigation And Moisture Survey Using Infrared Thermography *(01 45 23 00-0060)*

Note: For on the roof surveys.

01 45 23 00-0062	EA	Roof Investigation And Moisture Survey Using Infrared Thermography, Mobilization Charge	1,800.00	
01 45 23 00-0063	CSF	Up To 10,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	3.00	
		For CADD Drawings, Add		*0.60*
01 45 23 00-0064	CSF	>10,000 To 50,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	2.00	
		For CADD Drawings, Add		*0.40*
01 45 23 00-0065	CSF	>50,000 To 250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	1.50	
		For CADD Drawings, Add		*0.30*
		For Elevated Infrared Thermography Roof Investigation, Add		*0.38*
		For Aerial Infrared Thermography Roof Investigation, Add		*0.38*
01 45 23 00-0066	CSF	>250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	1.00	
		For CADD Drawings, Add		*0.20*
		For Elevated Infrared Thermography Roof Investigation, Add		*0.25*
		For Aerial Infrared Thermography Roof Investigation, Add		*0.25*

01 45 23 00-0067 Building Moisture Investigation Using Infrared Thermography *(01 45 23 00-0060)*

Note: For finding moisture in walls and windows.

01 45 23 00-0068	EA	Building Moisture Investigation Using Infrared Thermography, Mobilization Charge	950.00	
01 45 23 00-0069	CSF	Up To 1,000 SF, Building Moisture Investigation Using Infrared Thermography	3.00	
		For Digital Or Analog Recording Of All Items, Add		*1.50*
01 45 23 00-0070	CSF	>1,000 To 5,000 SF, Building Moisture Investigation Using Infrared Thermography	2.00	
		For Digital Or Analog Recording Of All Items, Add		*1.00*
01 45 23 00-0071	CSF	>5,000 SF, Building Moisture Investigation Using Infrared Thermography	1.00	
		For Digital Or Analog Recording Of All Items, Add		*0.50*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0072		General Building Investigation Using Infrared Thermography *(01 45 23 00-0060)*		
		Note: For finding missing or misplaced insulation, air leakage and delamination.		
01 45 23 00-0073	EA	General Building Investigation Using Infrared Thermography, Mobilization Charge	1,950.00	
01 45 23 00-0074	CSF	Up To 1,000 SF, General Building Investigation Using Infrared Thermography	3.00	
		For Digital Or Analog Recording Of All Items, Add	*1.50*	
01 45 23 00-0075	CSF	>1,000 To 5,000 SF, General Building Investigation Using Infrared Thermography	2.00	
		For Digital Or Analog Recording Of All Items, Add	*1.00*	
01 45 23 00-0076	CSF	>5,000 SF, General Building Investigation Using Infrared Thermography	1.00	
		For Digital Or Analog Recording Of All Items, Add	*0.50*	
01 45 23 00-0077		Electrical /Mechanical Equipment Scanning Using Infrared Thermography *(01 45 23 00-0060)*		
		Note: For diagnosing electrical issues such as loose connections, overloaded or imbalanced circuits, faulty breakers, damaged switches, faulty fuses, etc. For diagnosing electrical issues caused by resistance and mechanical issues caused by friction.		
01 45 23 00-0078	EA	Electrical /Mechanical Equipment Scanning Using Infrared Thermography, Mobilization Charge	950.00	
01 45 23 00-0079	HR	Electrical /Mechanical Equipment Scanning Using Infrared Thermography	146.26	
		For Digital Or Analog Recording Of All Items, Add	*21.61*	
01 45 23 00-0080		Concrete Block Wall Investigation Using Infrared Thermography *(01 45 23 00-0060)*		
		Note: For investigating issues with grouted cells, bond beams and other structural components in concrete block walls.		
01 45 23 00-0081	EA	Concrete Block Wall Investigation Using Infrared Thermography, Mobilization Charge	950.00	
01 45 23 00-0082	CSF	Up To 50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	3.00	
		For Digital Or Analog Recording Of All Items, Add	*0.45*	
01 45 23 00-0083	CSF	>50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	2.00	
		For Digital Or Analog Recording Of All Items, Add	*0.30*	
01 45 23 00-0084		Other Nondestructive Field Testing Services *(01 45 23 00-0059)*		
01 45 23 00-0085	HR	ASNT Certified Level III Consultant	127.70	
01 45 23 00-0086	HR	Two Person Concrete And Welding Radiographic Testing Crew	212.84	
01 45 23 00-0087		Testing Professional Services *(01 45 23 00-0050)*		
01 45 23 00-0088	HR	Concrete, Steel, Masonry, Expansion Anchor And Soils Inspection	98.97	
01 45 23 00-0089	HR	Laboratory Technician	95.78	
01 45 23 00-0090	HR	Portable Digital Reinforcement Scanner	138.35	
01 45 23 00-0091	HR	Subsurface Detection Radar System	234.12	
01 45 23 00-0092	HR	Pavement Rehabilitation Analysis Using Deflectors	266.05	
01 45 23 00-0093	HR	Associate Engineer	138.35	
01 45 23 00-0094	HR	Staff Engineer	127.70	
01 45 23 00-0095	HR	Project Manager	122.38	
01 45 23 00-0096	HR	Principal Engineer	186.24	
01 45 23 00-0097	HR	Consulting Engineer	148.99	
01 45 23 00-0098		Soils/Aggregate Testing *(01 45 23)*		
01 45 23 00-0099		Soils Testing *(01 45 23 00-0098)*		
01 45 23 00-0100	EA	Plasticity Index Soils Test, ASTM D-4318	164.95	
01 45 23 00-0101	EA	4" Compaction Curves Soils Test, ASTM D-1557	234.12	
01 45 23 00-0102	EA	6" Compaction Curves Soils Test, ASTM D-1557	266.05	
01 45 23 00-0103	EA	Resistance (R) Value Soils Test, CA 301	212.84	
01 45 23 00-0104	EA	Soils Classification Test, ASTM D-2487	319.26	
01 45 23 00-0105	SET	Cement Treated Base Laboratory Design, Soil Cement	638.31	
01 45 23 00-0106	EA	Moisture Content	23.94	
01 45 23 00-0107	EA	UBC Or Swell Test	83.86	
01 45 23 00-0108	EA	Proctor Compaction 4" Standard Mold ASTM D698	159.58	
01 45 23 00-0109	EA	Proctor Compaction 6" Standard Mold	199.47	
01 45 23 00-0110	EA	Density And Classification Test	63.83	
01 45 23 00-0111	EA	Percolation Test	159.58	
01 45 23 00-0112	EA	Infiltration Test	319.16	
01 45 23 00-0113		Laboratory Test For Soil Borings *(01 45 23 00-0098)*		
		See CSI section 02 32 13 00-0000 for soil borings.		
01 45 23 00-0114	EA	Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318	73.25	
01 45 23 00-0115	EA	Shrinkage Limit	23.38	
01 45 23 00-0116	EA	Unconfined Compressive Strength of Cohesive Soils	56.34	
01 45 23 00-0117	EA	Consolidation	394.42	
01 45 23 00-0118	EA	Swell Test	77.92	
01 45 23 00-0119	EA	In Place Density	16.90	
01 45 23 00-0120	EA	Moisture Content, ASTM D2216	10.50	
01 45 23 00-0121	EA	Hydrometer Analysis	135.58	
01 45 23 00-0122	EA	Specific Gravity, ASTM D854	47.28	
01 45 23 00-0123	EA	Partial Sieve Analysis	9.35	
01 45 23 00-0124	EA	Laboratory Permeability	467.53	
01 45 23 00-0125	EA	Sieve Analysis, ASTM D422	94.56	
01 45 23 00-0126	EA	Sulfate Soundness	116.88	
01 45 23 00-0127	EA	Los Angeles Abrasion	272.53	
01 45 23 00-0128	EA	California Bearing Ratio, ASTM D1883	239.44	
01 45 23 00-0129	EA	Compaction Test Subgrade	70.13	
01 45 23 00-0130	EA	Compaction Test Base Course	59.33	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0131	EA	In Place Density And Water Content Test By Nuclear Methods, ASTM D6938	23.38	
01 45 23 00-0132	EA	Field Density Sand Cone, AASHTO T-191, ASTM D1556	35.84	
01 45 23 00-0133		Aggregate Testing *(01 45 23 00-0098)*		
01 45 23 00-0134	EA	Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202	53.21	
01 45 23 00-0135	EA	Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202	95.78	
01 45 23 00-0136	EA	Combined Aggregate Sieve Analysis Test, ASTM C-136, CA 202	133.02	
01 45 23 00-0137	EA	Sieve Analysis, Pit Run, ASTM C136 Note: Includes wash.	103.73	
01 45 23 00-0138	EA	Specific Special Gravity, Course, ASTM C127 Note: Includes absorption test.	84.52	
01 45 23 00-0139	EA	Special Gravity, Fine, ASTM C127 Note: Includes absorption test.	75.80	
01 45 23 00-0140	EA	Coarse Aggregate Bulk SSD Specific Gravity Test, ASTM C-128	112.69	
01 45 23 00-0141	EA	Fine Aggregate Bulk SSD Specific Gravity Test, ASTM C-128	106.42	
01 45 23 00-0142	EA	Aggregate Cleanness Value, ASTM C-128, CA 227	106.42	
01 45 23 00-0143	EA	Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217	79.82	
01 45 23 00-0144	EA	Fine Aggregate Durability Index, CA 229	85.14	
01 45 23 00-0145	EA	Sodium And Magnesium Soundness, ASTM C88	223.41	
01 45 23 00-0146	EA	Los Angeles Rattler, ASTM C-131, CA 211	170.27	
01 45 23 00-0147	EA	Los Angeles Rattler, ASTM C-535	170.27	
01 45 23 00-0148	EA	Unit Weight Of Aggregates, ASTM C29	47.89	
01 45 23 00-0149	EA	Organic Impurities In Sand, ASTM C40	47.87	
01 45 23 00-0150	EA	Crushed Particle, ASTM California Test Method	47.87	
01 45 23 00-0151	EA	Clay Lump And Friable Particles, ASTM C142	95.75	
01 45 23 00-0152		Permeability Tests *(01 45 23 00-0098)*		
01 45 23 00-0153		In-Place Tests *(01 45 23 00-0152)*		
01 45 23 00-0154	EA	Double Ring Infiltrometer Test, ASTM D3385	845.18	
01 45 23 00-0155	EA	Unconfined Compressive Strength (Pocket Penetrometer) Test	39.89	
01 45 23 00-0156		Lab Tests *(01 45 23 00-0152)*		
01 45 23 00-0157	EA	Falling Head Rigid Wall Consolidometer Technique CAE	394.42	
01 45 23 00-0158	EA	Falling Head Permeability Test EPA-9100	394.42	
01 45 23 00-0159	EA	Constant Head Permeability Test For Granular Soils, ASTM D2432	225.38	
01 45 23 00-0160		Masonry/Concrete Block/Tile Testing *(01 45 23)*		
01 45 23 00-0161		Masonry Testing *(01 45 23 00-0160)*		
01 45 23 00-0162	EA	2" x 4" Cylinder Mortar Compression Test	35.12	
01 45 23 00-0163	EA	4" x 4" x 8" Grout Prisms Compression Test	35.12	
01 45 23 00-0164	EA	Masonry Cores Compression Test	69.17	
01 45 23 00-0165	EA	Composite Grouted Prism Compression Test	133.02	
01 45 23 00-0166		Concrete Block Testing (ASTM C140 Or CMA Per Specimen) *(01 45 23 00-0160)*		
01 45 23 00-0167	EA	Up To 8" x 8" x 16" Concrete Block Compression Test, ASTM C-140	85.14	
01 45 23 00-0168	EA	Absorption Test, Moisture Content And Unit Weight	58.53	
01 45 23 00-0169	EA	Moisture Condition By Relative Humidity, ASTM C427, First Unit	223.41	
01 45 23 00-0170	EA	Moisture Condition By Relative Humidity, ASTM C427, Additional Unit	111.70	

01 50 Temporary Facilities And Controls *(01)*

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

01 51 Temporary Utilities *(01 50)*

01 51 13 Temporary Electricity *(01 51)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 51 13 00-0001		Service Switch And/Or Building Feeder Switch *(01 51 13)* Note: Includes fuses.		
01 51 13 00-0002	EA	Temporary 30 A, 240 V, NEMA 3R Service Switch Or Building Feeder Switch With Fuses	455.07	186.98
01 51 13 00-0003	EA	Temporary 60 A, 240 V, NEMA 3R Service Switch Or Building Feeder Switch With Fuses	567.13	248.00
01 51 13 00-0004	EA	Temporary 100 A, 240 V, NEMA 3R Service Switch Or Building Feeder Switch With Fuses	827.60	271.41
01 51 13 00-0005	EA	Temporary 200 A, 240 V, NEMA 3R Service Switch Or Building Feeder Switch With Fuses	1,238.70	422.37
01 51 13 00-0006	EA	Temporary 400 A, 240 V, NEMA 3R Service Switch Or Building Feeder Switch With Fuses	2,319.20	701.03
01 51 13 00-0007	EA	Temporary 600 A, 240 V, NEMA 3R Service Switch Or Building Feeder Switch With Fuses	3,952.77	934.76
01 51 13 00-0008	EA	Temporary 800 A, 240 V, NEMA 3R Service Switch Or Building Feeder Switch With Fuses	5,572.83	1,059.91
01 51 13 00-0009	EA	Temporary 1,200 A, 240 V, NEMA 3R Service Switch Or Building Feeder Switch With Fuses	9,033.37	1,615.10
01 51 13 00-0010	EA	Temporary 2,000 A, 240 V, NEMA 3R Service Switch Or Building Feeder Switch With Fuses	12,823.07	2,422.73
01 51 13 00-0011		Panelboard Complete With Branch Fuses 120/208V *(01 51 13)* Note: Main lug.		
01 51 13 00-0012	EA	Temporary 100 A Panelboard Complete With Up To 24 Branch Circuits, 120/208 V	891.93	183.52
01 51 13 00-0013	EA	Temporary 200 A Panelboard Complete With Up To 42 Branch Circuits, 120/208 V	1,193.63	336.54
01 51 13 00-0014	EA	Temporary 400 A Panelboard Complete With Up To 42 Branch Circuits, 120/208 V	1,881.57	504.73
01 51 13 00-0015	EA	Temporary 600 A Panelboard Complete With Up To 42 Branch Circuits, 120/208 V	2,595.19	841.27

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 51 13 00-0016		Cord Grip Plug *(01 51 13)*		
		Note: Includes installation, a maximum of 50' of cord and connection to source.		
01 51 13 00-0017	EA	Temporary 2 - Pole Cord Grip Plug With Installation	117.70	50.54
01 51 13 00-0018	EA	Temporary 3 - Pole Cord Grip Plug With Installation	173.89	77.74
01 51 13 00-0019	EA	Temporary 4 - Pole Cord Grip Plug With Installation	223.55	100.92
01 51 13 00-0020	EA	Temporary 3 - Pole (30 A) Cord Grip Plug With Installation	170.22	77.74
01 51 13 00-0021	EA	Temporary 4 - Pole (30 A) Cord Grip Plug With Installation	217.71	100.92
01 51 13 00-0022	EA	Temporary 3 - Pole (50 A) Cord Grip Plug With Installation	188.15	77.74
01 51 26		**Temporary Lighting** *(01 51)*		
01 51 26 00-0001		Temporary Devices *(01 51 26)*		
		Note: Includes removal after use.		
01 51 26 00-0002	EA	Temporary Exit Light	131.65	37.69
01 51 26 00-0003	EA	Temporary Light Socket With Branch Wiring Connection And Lamp	17.52	7.84
01 51 26 00-0004	EA	Temporary 10 Light String	47.98	17.72
01 51 26 00-0005	EA	Temporary GFI Device With Enclosure	141.14	50.54
01 51 26 00-0006	EA	Temporary Trailer Socket With Branch Wiring	54.26	18.30
01 51 26 00-0007	EA	Temporary Auditorium Drop Light Complete With Branch Wiring	68.20	16.49
01 52		Construction Facilities *(01 50)*		
		Note: Tasks in this section shall be used as directed by owner for owner's use.		
01 52 13		**Field Offices And Sheds** *(01 52)*		
01 52 13 00-0001		Field Offices *(01 52 13)*		
		Note: Excludes furniture, utility connections and service. Minimum 6 months rental.		
01 52 13 00-0002	MO	8' x 24' Office, With Toilet	304.25	
		For Each Delivery And Set-Up (Block And Level), Add	*588.42*	
		For Each Knock-Down And Pick-Up, Add	*478.42*	
		For Each Anchoring Into Dirt, Add	*60.00*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
01 52 13 00-0003	MO	8' x 32' Office, With Toilet	349.98	
		For Each Delivery And Set-Up (Block And Level), Add	*588.42*	
		For Each Knock-Down And Pick-Up, Add	*478.42*	
		For Each Anchoring Into Dirt, Add	*60.00*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
01 52 13 00-0004	MO	12' x 45' Office, With Toilet	524.36	
		For Each Delivery And Set-Up (Block And Level), Add	*1,181.84*	
		For Each Knock-Down And Pick-Up, Add	*901.84*	
		For Each Anchoring Into Dirt, Add	*60.00*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
01 52 13 00-0005	MO	12' x 60' Office, With Toilet	731.66	
		For Each Delivery And Set-Up (Block And Level), Add	*1,181.84*	
		For Each Knock-Down And Pick-Up, Add	*901.84*	
		For Each Anchoring Into Dirt, Add	*60.00*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
01 52 13 00-0006	MO	24' x 72' Office, With Toilet	1,303.28	
		For Each Delivery And Set-Up (Block And Level), Add	*2,610.39*	
		For Each Knock-Down And Pick-Up, Add	*1,960.39*	
		For Each Anchoring Into Dirt, Add	*60.00*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
01 52 13 00-0007	MO	30' x 30' Office, With Toilet	906.96	
		For Each Delivery And Set-Up (Block And Level), Add	*2,610.39*	
		For Each Knock-Down And Pick-Up, Add	*1,960.39*	
		For Each Anchoring Into Dirt, Add	*60.00*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
01 52 13 00-0008		Storage Containers *(01 52 13)*		
01 52 13 00-0009	MO	8' x 8' x 10' Storage Container	110.00	
		For Delivery, Each Way, Add	*85.00*	
		For >12 Months, Deduct	*-33.00*	
01 52 13 00-0010	MO	8' x 8' x 20' Storage Container	115.00	
		For Delivery, Each Way, Add	*85.00*	
		For >12 Months, Deduct	*-34.50*	
01 52 13 00-0011	MO	8' x 8' x 40' Storage Container	136.00	
		For Delivery, Each Way, Add	*85.00*	
		For >12 Months, Deduct	*-40.80*	
01 52 19		**Sanitary Facilities** *(01 52)*		
01 52 19 00-0001		Portable Toilets *(01 52 19)*		
		Note: Includes delivery, set-up, servicing once per week and removal.		
01 52 19 00-0002	WK	Portable Toilets, Chemical	31.66	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
01 52 19 00-0003	MO	Portable Toilets, Chemical	94.99	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
01 52 19 00-0004	WK	ADA Portable Toilets, Chemical	37.77	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
01 52 19 00-0005	MO	ADA Portable Toilets, Chemical	110.82	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
01 52 19 00-0006	WK	Two Station Portable Handwash	26.30	
01 52 19 00-0007	MO	Two Station Portable Handwash	79.79	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 54 Construction Aids *(01 50)*

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

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

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

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

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

01 54 23 00-0003	CCF	Scaffolding With Bracing Accessories - Area Based On 5' Wide x 7' Long Sections (CCF / Month)	11.45	
		For Up To 25, Add		*4.58*
		For >25 To 50, Add		*2.86*
		For >50 To 150, Add		*1.15*
01 54 23 00-0004	CCF	Scaffolding With Bracing Accessories - Area Based On 4' Wide x 7' Long Sections (CCF / Month)	12.87	
		For Up To 25, Add		*5.15*
		For >25 To 50, Add		*3.22*
		For >50 To 150, Add		*1.29*
01 54 23 00-0005	CCF	Scaffolding With Bracing Accessories - Area Based On 3' Wide x 7' Long Sections (CCF / Month)	17.17	
		For Up To 25, Add		*6.87*
		For >25 To 50, Add		*4.29*
		For >50 To 150, Add		*1.72*

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

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

01 54 23 00-0007	CCF	Up To 20' Height Scaffolding Erection And Dismantling, Per CCF Of Scaffolding And Accessories Note: Includes both erection and dismantling of scaffolding.	38.24
01 54 23 00-0008	CCF	>20' To 40' Height Scaffolding Erection And Dismantling, Per CCF Of Scaffolding And Accessories Note: Includes both erection and dismantling of scaffolding.	47.81
01 54 23 00-0009	CCF	>40' To 60' Height Scaffolding Erection And Dismantling, Per CCF Of Scaffolding And Accessories Note: Includes both erection and dismantling of scaffolding.	57.37
01 54 23 00-0010	CCF	>60' To 80' Scaffolding Erection And Dismantling, Per CCF Of Scaffolding And Accessories Note: Includes both erection and dismantling of scaffolding.	63.11
01 54 23 00-0011	CCF	>80' Height Scaffolding Erection And Dismantling, Per CCF Of Scaffolding And Accessories Note: Includes both erection and dismantling of scaffolding.	72.67

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

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

01 54 23 00-0013	DAY	Rolling Scaffolding 14' To 20' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	8.73
01 54 23 00-0014	WK	Rolling Scaffolding 14' To 20' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	34.98
01 54 23 00-0015	MO	Rolling Scaffolding 14' To 20' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	139.90
01 54 23 00-0016	DAY	Rolling Scaffolding 21' To 40' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	14.61
01 54 23 00-0017	WK	Rolling Scaffolding 21' To 40' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	58.53
01 54 23 00-0018	MO	Rolling Scaffolding 21' To 40' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	234.13
01 54 23 00-0019	EA	Rolling Scaffolding Erection And Dismantling - Height Up To 20' Note: Includes both erection and dismantling of scaffolding. Used to set-up scaffolding and dismantle for return, per rolling scaffold per job.	82.89
01 54 23 00-0020	EA	Rolling Scaffolding Erection And Dismantling - Height 21' To 40' Note: Includes both erection and dismantling of scaffolding. Used to set-up scaffolding and dismantle for return, per rolling scaffold per job.	103.61

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

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

01 54 26 00-0001	MO	Swing Stage, Electric Operated	1,748.33
01 54 26 00-0002	MO	Swing Stage, Manually Operated, With Ropes, Winch, Support Hooks, Etcetera	520.16
01 54 26 00-0003	EA	Swing Stage Erection And Dismantling Note: Includes both erection and dismantling of swing stage.	384.99
01 54 26 00-0004	EA	Move Swing Stage To Different Roof At Same Site	181.06
01 54 26 00-0005	EA	Move Swing Stage To Different Location At Same Roof	83.57

01 54 30 Temporary Sidewalk Protection *(01 54)*

01 54 30 00-0001 Sidewalk Bridge *(01 54 30)*

01 54 30 00-0002 Installation of Sidewalk Bridge *(01 54 30 00-0001)*

01 54 30 00-0003	LF	Installation of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.	65.02	
		For 3 Post System, Add		*6.00*
		For Each Additional Foot Over 8' Wide, Add		*3.00*
		For Each Additional Foot Over 8' High, Add		*2.00*
01 54 30 00-0004	LF	Installation of Netting for Sidewalk Bridge	3.12	

01 54 30 00-0005 Monthly Rental of Sidewalk Bridge *(01 54 30 00-0001)*

01 54 30 00-0006	LF	Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	5.14	
		For 3 Post System, Add		*0.77*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 30 00-0007	LF	Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	5.79	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*0.87*	
01 54 30 00-0008	LF	Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	6.43	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*0.96*	
01 54 30 00-0009	LF	Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	6.43	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*0.96*	
01 54 30 00-0010	LF	Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	7.07	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*1.06*	
01 54 30 00-0011	LF	Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	8.36	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*1.25*	
01 54 30 00-0012	LF	Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	7.72	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*1.16*	
01 54 30 00-0013	LF	Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	9.00	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*1.35*	
01 54 30 00-0014	LF	Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	9.65	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*1.45*	
01 54 30 00-0015	LF	Monthly Rental of Netting for Sidewalk Bridge	0.96	

01 54 30 00-0016 Removal of Sidewalk Bridge *(01 54 30 00-0001)*

01 54 30 00-0017	LF	Removal of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	25.47	
		Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.		
		For 3 Post System, Add	*2.50*	
		For Each Additional Foot Over 8' Wide, Add	*1.25*	
		For Each Additional Foot Over 8' High, Add	*0.75*	
01 54 30 00-0018	LF	Removal of Netting for Sidewalk Bridge	1.56	

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

01 55 26 Traffic Control *(01 55)*

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

01 55 26 00-0002	CLF	Safety Tape For Area Isolation	8.37	
01 55 26 00-0003	CLF	Danger Tape	9.00	

01 55 26 00-0004 Removable Preformed Traffic Line Mask *(01 55 26)*

Note: Includes installation and removal after use.

01 55 26 00-0005	LF	4" Removable Traffic Line Mask	2.85	
01 55 26 00-0006	LF	6" Removable Traffic Line Mask	3.60	
01 55 26 00-0007	LF	8" Removable Traffic Line Mask	4.36	

01 55 26 00-0008 Temporary Preformed Traffic Line Tape *(01 55 26)*

Note: Includes installation and removal after use.

01 55 26 00-0009	LF	4" Temporary Preformed Traffic Line Tape	2.36	

01 55 26 00-0010 Temporary Traffic Markings *(01 55 26)*

01 55 26 00-0011	LF	4" Temporary Painted Traffic Lines	0.49	
01 55 26 00-0012	EA	2" High x 2" Wide Temporary Traffic Overlay Markers, "L" With Factory-Applied Adhesive Pad	3.68	
01 55 26 00-0013	EA	2" High x 4" Wide Temporary Traffic Overlay Markers, "L" With Factory-Applied Adhesive Pad	3.89	

01 55 26 00-0014 Traffic Protection *(01 55 26)*

01 55 26 00-0015 Portable Traffic Control Device Rental *(01 55 26 00-0014)*

Note: Excludes placing and removing devices.

01 55 26 00-0016	DAY	28" Cone With Reflective Collar	0.41	
01 55 26 00-0017	WK	28" Cone With Reflective Collar	1.24	
01 55 26 00-0018	MO	28" Cone With Reflective Collar	3.72	
01 55 26 00-0019	DAY	Vertical Panel	1.25	
01 55 26 00-0020	WK	Vertical Panel	3.75	
01 55 26 00-0021	MO	Vertical Panel	11.25	
01 55 26 00-0022	DAY	Channelizer Drum	1.36	
01 55 26 00-0023	WK	Channelizer Drum	4.07	
01 55 26 00-0024	MO	Channelizer Drum	12.21	
01 55 26 00-0025	DAY	Stackable Channelizer Panel	0.64	
01 55 26 00-0026	WK	Stackable Channelizer Panel	1.93	
01 55 26 00-0027	MO	Stackable Channelizer Panel	5.78	
01 55 26 00-0028	DAY	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	0.89	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0029	WK	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	2.67	
01 55 26 00-0030	MO	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	8.00	
01 55 26 00-0031	DAY	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	1.97	
01 55 26 00-0032	WK	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	5.91	
01 55 26 00-0033	MO	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	17.73	
01 55 26 00-0034	DAY	Type III Barricade, Up To 5' Wide With Three Reflective Rails	2.24	
01 55 26 00-0035	WK	Type III Barricade, Up To 5' Wide With Three Reflective Rails	6.73	
01 55 26 00-0036	MO	Type III Barricade, Up To 5' Wide With Three Reflective Rails	20.20	
01 55 26 00-0037	DAY	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	4.11	
01 55 26 00-0038	WK	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	12.32	
01 55 26 00-0039	MO	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	36.95	
01 55 26 00-0040	DAY	Up To 10' Wide A Frame Barricade	2.25	
01 55 26 00-0041	WK	Up To 10' Wide A Frame Barricade	6.76	
01 55 26 00-0042	MO	Up To 10' Wide A Frame Barricade	20.27	
01 55 26 00-0043	DAY	Type A Or C Flasher	0.46	
01 55 26 00-0044	WK	Type A Or C Flasher	1.38	
01 55 26 00-0045	MO	Type A Or C Flasher	4.13	
01 55 26 00-0046	DAY	Type B Flasher (High Intensity)	2.49	
01 55 26 00-0047	WK	Type B Flasher (High Intensity)	7.47	
01 55 26 00-0048	MO	Type B Flasher (High Intensity)	22.41	

01 55 26 00-0049 Traffic Barriers Rental *(01 55 26 00-0014)*

Note: Excludes placing and removing devices.

01 55 26 00-0050	DAY	6' Long Portable Parking Curbs	1.07	
01 55 26 00-0051	WK	6' Long Portable Parking Curbs	3.22	
01 55 26 00-0052	MO	6' Long Portable Parking Curbs	9.65	
01 55 26 00-0053	DAY	6' Long Portable Speed Bumps	3.17	
01 55 26 00-0054	WK	6' Long Portable Speed Bumps	9.52	
01 55 26 00-0055	MO	6' Long Portable Speed Bumps	28.56	
01 55 26 00-0056	DAY	Up To 12.5' Concrete Traffic Barrier	7.62	
01 55 26 00-0057	WK	Up To 12.5' Concrete Traffic Barrier	22.87	
01 55 26 00-0058	MO	Up To 12.5' Concrete Traffic Barrier	68.62	
01 55 26 00-0059	DAY	>12.5' To 20' Concrete Traffic Barrier	15.25	
01 55 26 00-0060	WK	>12.5' To 20' Concrete Traffic Barrier	45.74	
01 55 26 00-0061	MO	>12.5' To 20' Concrete Traffic Barrier	137.23	
01 55 26 00-0062	DAY	6' x 32" Tall Plastic Water Barrier	9.10	
01 55 26 00-0063	WK	6' x 32" Tall Plastic Water Barrier	27.31	
01 55 26 00-0064	MO	6' x 32" Tall Plastic Water Barrier	81.94	
01 55 26 00-0065	DAY	6' x 46" Tall Plastic Water Barrier	13.00	
01 55 26 00-0066	WK	6' x 46" Tall Plastic Water Barrier	39.00	
01 55 26 00-0067	MO	6' x 46" Tall Plastic Water Barrier	117.00	
01 55 26 00-0068	DAY	Sand Filled Crash Attenuator Barrels	5.09	
01 55 26 00-0069	WK	Sand Filled Crash Attenuator Barrels	15.27	
01 55 26 00-0070	MO	Sand Filled Crash Attenuator Barrels	45.80	

01 55 26 00-0071 Portable Signs And Message Displays Rental *(01 55 26 00-0014)*

Note: Excludes placing and removing devices.

01 55 26 00-0072	DAY	Mesh Or Vinyl Roll-up Sign With Stand	4.00	
01 55 26 00-0073	WK	Mesh Or Vinyl Roll-up Sign With Stand	11.99	
01 55 26 00-0074	MO	Mesh Or Vinyl Roll-up Sign With Stand	35.96	
01 55 26 00-0075	DAY	Aluminum Sign And Post	2.30	
01 55 26 00-0076	WK	Aluminum Sign And Post	6.90	
01 55 26 00-0077	MO	Aluminum Sign And Post	20.70	
01 55 26 00-0078	DAY	Aluminum Sign And A Frame Stand	3.02	
01 55 26 00-0079	WK	Aluminum Sign And A Frame Stand	9.06	
01 55 26 00-0080	MO	Aluminum Sign And A Frame Stand	27.19	
01 55 26 00-0081	DAY	Trailer Mounted Arrow Board	80.00	
01 55 26 00-0082	WK	Trailer Mounted Arrow Board	240.00	
01 55 26 00-0083	MO	Trailer Mounted Arrow Board	720.00	
01 55 26 00-0084	DAY	Trailer Mounted Message Board	213.48	
01 55 26 00-0085	WK	Trailer Mounted Message Board	640.44	
01 55 26 00-0086	MO	Trailer Mounted Message Board	1,921.32	
01 55 26 00-0087	DAY	Trailer Mounted Traffic Signal	320.22	
01 55 26 00-0088	WK	Trailer Mounted Traffic Signal	960.66	
01 55 26 00-0089	MO	Trailer Mounted Traffic Signal	2,881.98	

01 55 26 00-0090 Place And Remove Traffic Protection Using Truck *(01 55 26 00-0014)*

Note: Includes delivery and return up to 15 miles.

01 55 26 00-0091	EA	Place And Remove Up To 250 Cones Using Truck	3.40	
01 55 26 00-0092	EA	Place And Remove >250 Cones Using Truck	2.72	
01 55 26 00-0093	EA	Place And Remove Up To 250 Panels/Channelizers Using Truck	4.54	
01 55 26 00-0094	EA	Place And Remove >250 Panels/Channelizers Using Truck	3.62	
01 55 26 00-0095	EA	Place And Remove Up To 250 Barricades Using Truck	6.79	
01 55 26 00-0096	EA	Place And Remove >250 Barricades Using Truck	5.44	
01 55 26 00-0097	EA	Place And Remove Curbs/Speed Bumps Using Truck	6.79	
01 55 26 00-0098	EA	Place And Remove Portable Sign And Stand Using Truck	4.08	
01 55 26 00-0099	EA	Place And Remove Aluminum Sign And Post Using Truck	16.99	
01 55 26 00-0100	EA	Place And Remove Trailer Mounted Boards Using Truck	50.98	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0101	EA	Place And Remove Up To 12.5' Concrete Traffic Barrier Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	69.43	
		For 1 Barrier, Add	*173.58*	
		For 2 Barriers, Add	*62.49*	
		For 3 Barriers, Add	*20.83*	
01 55 26 00-0102	EA	Place And Remove >12.5' Concrete Traffic Barrier Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	104.15	
		For 1 Barrier, Add	*260.38*	
		For 2 Barriers, Add	*93.74*	
		For 3 Barriers, Add	*31.25*	
01 55 26 00-0103	EA	Place And Remove Plastic Water Barrier Note: Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization tasks.	36.17	
		For 1 Barrier, Add	*86.80*	
		For 2 Barriers, Add	*31.25*	
		For 3 Barriers, Add	*10.42*	
01 55 26 00-0104	EA	Place And Remove Crash Attenuator Barrels Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	52.08	
		For 1 Barrier, Add	*130.20*	
		For 2 Barriers, Add	*46.87*	
		For 3 Barriers, Add	*15.62*	

01 55 26 00-0105 Place And Remove Traffic Protection From Roadside (Daily) *(01 55 26 00-0014)*

01 55 26 00-0106	EA	Place And Remove Up To 250 Cones By Hand From Roadside	1.70
01 55 26 00-0107	EA	Place And Remove >250 Cones By Hand From Roadside	1.36
01 55 26 00-0108	EA	Place And Remove Up To 250 Panels/Channelizers By Hand From Roadside	2.27
01 55 26 00-0109	EA	Place And Remove >250 Panels/Channelizers By Hand From Roadside	1.80
01 55 26 00-0110	EA	Place And Remove Up To 250 Barricades By Hand From Roadside	3.40
01 55 26 00-0111	EA	Place And Remove >250 Barricades By Hand From Roadside	2.72
01 55 26 00-0112	EA	Place And Remove Portable Sign And Stand From Roadside	2.12
01 55 26 00-0113	EA	Place And Remove Trailer Mounted Boards From Roadside	25.49
01 55 26 00-0114	EA	Roadside Relocation Of Concrete Traffic Barrier Note: Excludes flatbed truck. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.	34.72

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

Note: Includes removal after use.

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

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

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

01 56 16 00-0002	SF	6 Mil Plastic Sheeting, Applied To Floors	0.27
01 56 16 00-0003	SF	6 Mil Plastic Sheeting, Applied To Walls	0.35
01 56 16 00-0004	SF	6 Mil Plastic Sheeting, Applied To Ceilings	0.47
01 56 16 00-0005	SF	10 Mil Shrink Wrap Applied To Scaffolding	0.52
01 56 16 00-0006	SF	6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Floors	0.38
01 56 16 00-0007	SF	6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Walls	0.46
01 56 16 00-0008	SF	6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Ceilings	0.58
01 56 16 00-0009	EA	7' Zipper Door For Plastic Sheeting	25.85
01 56 16 00-0010	LF	Zipper Wall Kit Note: Including spring loaded pole, side clamps and rails. Excludes sheeting.	15.98
01 56 16 00-0011	EA	Up To 1 SF Individual Critical Barriers Note: For Outlets And Receptacles	8.26
01 56 16 00-0012	EA	>1 To 4 SF Individual Critical Barriers Note: For diffusers, ceiling speakers, return grilles, etc.	12.54
01 56 16 00-0013	EA	>4 To 8 SF Individual Critical Barriers Note: For diffusers, return grilles, access doors, light fixtures, etc.	16.86
01 56 16 00-0014	EA	>8 To 32 SF Individual Critical Barriers Note: For doors, windows, etc.	26.36

01 56 16 00-0015 Temporary Stud Wall *(01 56 16)*

01 56 16 00-0016 Temporary Stud Wall With Drywall *(01 56 16 00-0015)*

Note: Includes 2 x 4 wood studs installed 16" on center, drywall taped and finished, and removal after use. Excludes paint.

01 56 16 00-0017 Temporary Stud Wall With Drywall *(01 56 16 00-0016)*

01 56 16 00-0018	SF	3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	4.41
		For Metal Studs 24" On Center, Add	*0.28*
01 56 16 00-0019	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	4.41
		For Metal Studs 24" On Center, Add	*0.28*
01 56 16 00-0020	SF	5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	4.47
		For Metal Studs 24" On Center, Add	*0.28*
01 56 16 00-0021	SF	3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	6.08
		For Metal Studs 24" On Center, Add	*0.35*
01 56 16 00-0022	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	6.08
		For Metal Studs 24" On Center, Add	*0.35*
01 56 16 00-0023	SF	5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	6.21
		For Metal Studs 24" On Center, Add	*0.35*

01 56 16 00-0024 Temporary Stud Wall With Fire Rated Drywall *(01 56 16 00-0016)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0025	SF	1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	4.48	
		For Metal Studs 24" On Center, Add	*0.28*	
01 56 16 00-0026	SF	5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	4.51	
		For Metal Studs 24" On Center, Add	*0.28*	
01 56 16 00-0027	SF	5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	4.47	
		For Metal Studs 24" On Center, Add	*0.28*	
01 56 16 00-0028	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	4.98	
		For Metal Studs 24" On Center, Add	*0.28*	
01 56 16 00-0029	SF	1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	6.23	
		For Metal Studs 24" On Center, Add	*0.35*	
01 56 16 00-0030	SF	5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	6.27	
		For Metal Studs 24" On Center, Add	*0.35*	
01 56 16 00-0031	SF	5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	6.19	
		For Metal Studs 24" On Center, Add	*0.35*	
01 56 16 00-0032	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.21	
		For Metal Studs 24" On Center, Add	*0.35*	

01 56 16 00-0033 Temporary Stud Wall With Oriented Strand Board (OSB) *(01 56 16 00-0015)*

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

01 56 16 00-0034	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	4.41	
		For Metal Studs 24" On Center, Add	*0.28*	
01 56 16 00-0035	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	4.45	
		For Metal Studs 24" On Center, Add	*0.28*	
01 56 16 00-0036	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	4.57	
		For Metal Studs 24" On Center, Add	*0.28*	
01 56 16 00-0037	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	4.63	
		For Metal Studs 24" On Center, Add	*0.28*	
01 56 16 00-0038	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	6.09	
		For Metal Studs 24" On Center, Add	*0.35*	
01 56 16 00-0039	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	6.17	
		For Metal Studs 24" On Center, Add	*0.35*	
01 56 16 00-0040	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	6.40	
		For Metal Studs 24" On Center, Add	*0.35*	
01 56 16 00-0041	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	6.53	
		For Metal Studs 24" On Center, Add	*0.35*	

01 56 16 00-0042 Temporary Stud Wall With BC Plywood *(01 56 16 00-0015)*

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

01 56 16 00-0043	SF	3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	4.69	
		For Metal Studs 24" On Center, Add	*0.28*	
01 56 16 00-0044	SF	1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	4.84	
		For Metal Studs 24" On Center, Add	*0.28*	
01 56 16 00-0045	SF	5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	4.98	
		For Metal Studs 24" On Center, Add	*0.28*	
01 56 16 00-0046	SF	3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.10	
		For Metal Studs 24" On Center, Add	*0.28*	
01 56 16 00-0047	SF	3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	6.64	
		For Metal Studs 24" On Center, Add	*0.35*	
01 56 16 00-0048	SF	1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	6.94	
		For Metal Studs 24" On Center, Add	*0.35*	
01 56 16 00-0049	SF	5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.22	
		For Metal Studs 24" On Center, Add	*0.35*	
01 56 16 00-0050	SF	3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.47	
		For Metal Studs 24" On Center, Add	*0.35*	

01 56 16 00-0051 Temporary Stud Wall With Plastic Sheeting *(01 56 16 00-0015)*

Note: Includes 2 x 4 wood studs installed 16" on center, 6 Mil plastic sheeting, and removal after use. Excludes paint.

01 56 16 00-0052	SF	6 Mil Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	2.56	

01 56 16 00-0053 Temporary Doors *(01 56 16 00-0015)*

01 56 16 00-0054	EA	Temporary Metal Door And Frame Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.	399.34	

01 56 16 00-0055 Temporary Floor Protection *(01 56 16)*

01 56 16 00-0056	SF	1/2" Plywood For Floor Protection	1.42	
01 56 16 00-0057	SF	3/4" Plywood For Floor Protection	1.75	

01 56 16 00-0058 Sticky Mats *(01 56 16)*

01 56 16 00-0059	EA	18" x 36", 30 Layer Sticky Mat	26.06	
		For 60 Layers Instead Of 30, Add	*17.06*	
01 56 16 00-0060	EA	18" x 46", 30 Layer Sticky Mat	29.95	
		For 60 Layers Instead Of 30, Add	*19.97*	
01 56 16 00-0061	EA	24" x 36", 30 Layer Sticky Mat	29.95	
		For 60 Layers Instead Of 30, Add	*19.97*	
01 56 16 00-0062	EA	25" x 45", 30 Layer Sticky Mat	40.49	
		For 60 Layers Instead Of 30, Add	*27.88*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0063	EA	26" x 46", 30 Layer Sticky Mat	41.04	
		For 60 Layers Instead Of 30, Add	*28.29*	
01 56 16 00-0064	EA	36" x 36", 30 Layer Sticky Mat	47.15	
		For 60 Layers Instead Of 30, Add	*32.87*	
01 56 16 00-0065	EA	36" x 46", 30 Layer Sticky Mat	52.69	
		For 60 Layers Instead Of 30, Add	*37.03*	
01 56 16 00-0066	EA	36" x 48", 30 Layer Sticky Mat	61.01	
01 56 16 00-0067	EA	36" x 60", 30 Layer Sticky Mat	78.21	
		For 60 Layers Instead Of 30, Add	*56.17*	
01 56 16 00-0068	EA	36" x 72", 30 Layer Sticky Mat	92.08	
01 56 16 00-0069	EA	40" x 48", 30 Layer Sticky Mat	97.63	
01 56 16 00-0070	EA	45" x 50", 30 Layer Sticky Mat	103.18	
		For 60 Layers Instead Of 30, Add	*94.87*	
01 56 16 00-0071	EA	46" x 48", 30 Layer Sticky Mat	87.09	
01 56 16 00-0072	EA	46" x 60", 30 Layer Sticky Mat	94.85	
		For 60 Layers Instead Of 30, Add	*86.95*	
01 56 16 00-0073	EA	60" x 72", 30 Layer Sticky Mat	166.97	
		For 60 Layers Instead Of 30, Add	*155.47*	

01 56 26 Temporary Fencing *(01 56)*

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

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

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

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

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

01 56 26 00-0004	LF	Temporary 4' High Chain Link Fence And Posts, Up To 6 Months	1.35	
		For >100 To 250, Deduct	*-0.07*	
		For >250 To 500, Deduct	*-0.14*	
		For >500, Deduct	*-0.20*	
		For Shade Cloth, Add	*1.60*	
01 56 26 00-0005	LF	Temporary 6' High Chain Link Fence And Posts, Up To 6 Months	1.52	
		For >100 To 250, Deduct	*-0.08*	
		For >250 To 500, Deduct	*-0.15*	
		For >500, Deduct	*-0.23*	
		For Shade Cloth, Add	*2.55*	
01 56 26 00-0006	LF	Temporary 8' High Chain Link Fence And Posts, Up To 6 Months	2.56	
		For >100 To 250, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.26*	
		For >500, Deduct	*-0.38*	
		For Shade Cloth, Add	*3.60*	
01 56 26 00-0007	LF	Temporary 10' High Chain Link Fence And Posts, Up To 6 Months	7.62	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.14*	
		For Shade Cloth, Add	*4.75*	

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

01 56 26 00-0009	LF	Temporary 4' High Chain Link Fence And Posts, >6 To 12 Months	1.48	
		For >100 To 250, Deduct	*-0.07*	
		For >250 To 500, Deduct	*-0.15*	
		For >500, Deduct	*-0.22*	
		For Shade Cloth, Add	*1.60*	
01 56 26 00-0010	LF	Temporary 6' High Chain Link Fence And Posts, >6 To 12 Months	1.67	
		For >100 To 250, Deduct	*-0.08*	
		For >250 To 500, Deduct	*-0.17*	
		For >500, Deduct	*-0.25*	
		For Shade Cloth, Add	*2.55*	
01 56 26 00-0011	LF	Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months	2.82	
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.28*	
		For >500, Deduct	*-0.42*	
		For Shade Cloth, Add	*3.60*	
01 56 26 00-0012	LF	Temporary 10' High Chain Link Fence And Posts, >6 To 12 Months	8.38	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.84*	
		For >500, Deduct	*-1.26*	
		For Shade Cloth, Add	*4.75*	

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

01 56 26 00-0014	LF	Temporary 4' High Chain Link Fence And Posts, >12 To 18 Months	1.63	
		For >100 To 250, Deduct	*-0.08*	
		For >250 To 500, Deduct	*-0.16*	
		For >500, Deduct	*-0.24*	
		For Shade Cloth, Add	*1.60*	
01 56 26 00-0015	LF	Temporary 6' High Chain Link Fence And Posts, >12 To 18 Months	1.84	
		For >100 To 250, Deduct	*-0.09*	
		For >250 To 500, Deduct	*-0.18*	
		For >500, Deduct	*-0.28*	
		For Shade Cloth, Add	*2.55*	
01 56 26 00-0016	LF	Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months	3.10	
		For >100 To 250, Deduct	*-0.16*	
		For >250 To 500, Deduct	*-0.31*	
		For >500, Deduct	*-0.47*	
		For Shade Cloth, Add	*3.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0017	LF	Temporary 10' High Chain Link Fence And Posts, >12 To 18 Months	9.22	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.92*	
		For >500, Deduct	*-1.38*	
		For Shade Cloth, Add	*4.75*	

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

01 56 26 00-0019	LF	Temporary 4' High Chain Link Fence And Posts, >18 Months	1.79	
		For >100 To 250, Deduct	*-0.09*	
		For >250 To 500, Deduct	*-0.18*	
		For >500, Deduct	*-0.27*	
		For Shade Cloth, Add	*1.60*	
01 56 26 00-0020	LF	Temporary 6' High Chain Link Fence And Posts, >18 Months	2.01	
		For >100 To 250, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.20*	
		For >500, Deduct	*-0.30*	
		For Shade Cloth, Add	*2.55*	
01 56 26 00-0021	LF	Temporary 8' High Chain Link Fence And Posts, >18 Months	3.41	
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.34*	
		For >500, Deduct	*-0.51*	
		For Shade Cloth, Add	*3.60*	
01 56 26 00-0022	LF	Temporary 10' High Chain Link Fence And Posts, >18 Months	10.14	
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-1.01*	
		For >500, Deduct	*-1.52*	
		For Shade Cloth, Add	*4.75*	

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

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

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

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

01 56 26 00-0026	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	85.71	
		For Shade Cloth, Add	*6.40*	
01 56 26 00-0027	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	133.33	
		For Shade Cloth, Add	*16.00*	
01 56 26 00-0028	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	152.38	
		For Shade Cloth, Add	*19.20*	
01 56 26 00-0029	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	171.43	
		For Shade Cloth, Add	*24.00*	
01 56 26 00-0030	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	209.52	
		For Shade Cloth, Add	*32.00*	
01 56 26 00-0031	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	228.58	
		For Shade Cloth, Add	*38.40*	

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

01 56 26 00-0033	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	89.61	
		For Shade Cloth, Add	*10.20*	
01 56 26 00-0034	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	139.39	
		For Shade Cloth, Add	*25.50*	
01 56 26 00-0035	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	159.30	
		For Shade Cloth, Add	*30.60*	
01 56 26 00-0036	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	179.22	
		For Shade Cloth, Add	*38.25*	
01 56 26 00-0037	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	219.05	
		For Shade Cloth, Add	*51.00*	
01 56 26 00-0038	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	238.96	
		For Shade Cloth, Add	*61.20*	

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

01 56 26 00-0040	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	98.57	
		For Shade Cloth, Add	*14.40*	
01 56 26 00-0041	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	153.33	
		For Shade Cloth, Add	*36.00*	
01 56 26 00-0042	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	175.24	
		For Shade Cloth, Add	*43.20*	
01 56 26 00-0043	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	197.14	
		For Shade Cloth, Add	*54.00*	
01 56 26 00-0044	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	240.95	
		For Shade Cloth, Add	*72.00*	
01 56 26 00-0045	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	262.86	
		For Shade Cloth, Add	*86.40*	

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

01 56 26 00-0047	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	123.21	
		For Shade Cloth, Add	*19.00*	
01 56 26 00-0048	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	191.67	
		For Shade Cloth, Add	*47.50*	
01 56 26 00-0049	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	219.05	
		For Shade Cloth, Add	*57.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0050	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	246.43	
		For Shade Cloth, Add	*71.25*	
01 56 26 00-0051	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	301.19	
		For Shade Cloth, Add	*95.00*	
01 56 26 00-0052	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	328.57	
		For Shade Cloth, Add	*114.00*	

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

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

01 56 26 00-0055	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	90.00	
		For Shade Cloth, Add	*6.40*	
01 56 26 00-0056	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	140.00	
		For Shade Cloth, Add	*16.00*	
01 56 26 00-0057	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	160.00	
		For Shade Cloth, Add	*19.20*	
01 56 26 00-0058	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	180.00	
		For Shade Cloth, Add	*24.00*	
01 56 26 00-0059	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	220.00	
		For Shade Cloth, Add	*32.00*	
01 56 26 00-0060	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	240.00	
		For Shade Cloth, Add	*38.40*	

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

01 56 26 00-0062	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	94.09	
		For Shade Cloth, Add	*10.20*	
01 56 26 00-0063	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	146.36	
		For Shade Cloth, Add	*25.50*	
01 56 26 00-0064	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	167.27	
		For Shade Cloth, Add	*30.60*	
01 56 26 00-0065	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	188.19	
		For Shade Cloth, Add	*38.25*	
01 56 26 00-0066	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	230.00	
		For Shade Cloth, Add	*51.00*	
01 56 26 00-0067	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	250.91	
		For Shade Cloth, Add	*61.20*	

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

01 56 26 00-0069	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	103.50	
		For Shade Cloth, Add	*14.40*	
01 56 26 00-0070	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	161.00	
		For Shade Cloth, Add	*36.00*	
01 56 26 00-0071	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	184.00	
		For Shade Cloth, Add	*43.20*	
01 56 26 00-0072	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	207.00	
		For Shade Cloth, Add	*54.00*	
01 56 26 00-0073	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	253.00	
		For Shade Cloth, Add	*72.00*	
01 56 26 00-0074	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	276.00	
		For Shade Cloth, Add	*86.40*	

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

01 56 26 00-0076	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	129.38	
		For Shade Cloth, Add	*19.00*	
01 56 26 00-0077	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	201.25	
		For Shade Cloth, Add	*47.50*	
01 56 26 00-0078	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	230.00	
		For Shade Cloth, Add	*57.00*	
01 56 26 00-0079	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	258.75	
		For Shade Cloth, Add	*71.25*	
01 56 26 00-0080	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	316.25	
		For Shade Cloth, Add	*95.00*	
01 56 26 00-0081	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	345.00	
		For Shade Cloth, Add	*114.00*	

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

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

01 56 26 00-0084	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	94.50	
		For Shade Cloth, Add	*6.40*	
01 56 26 00-0085	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	147.00	
		For Shade Cloth, Add	*16.00*	
01 56 26 00-0086	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	168.00	
		For Shade Cloth, Add	*19.20*	
01 56 26 00-0087	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	189.00	
		For Shade Cloth, Add	*24.00*	
01 56 26 00-0088	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	230.99	
		For Shade Cloth, Add	*32.00*	
01 56 26 00-0089	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	252.01	
		For Shade Cloth, Add	*38.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0090		6' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*		
01 56 26 00-0091	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	98.80	
		For Shade Cloth, Add	*10.20*	
01 56 26 00-0092	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	153.68	
		For Shade Cloth, Add	*25.50*	
01 56 26 00-0093	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	175.63	
		For Shade Cloth, Add	*30.60*	
01 56 26 00-0094	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	197.60	
		For Shade Cloth, Add	*38.25*	
01 56 26 00-0095	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	241.50	
		For Shade Cloth, Add	*51.00*	
01 56 26 00-0096	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	263.45	
		For Shade Cloth, Add	*61.20*	
01 56 26 00-0097		8' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*		
01 56 26 00-0098	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	108.68	
		For Shade Cloth, Add	*14.40*	
01 56 26 00-0099	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	169.05	
		For Shade Cloth, Add	*36.00*	
01 56 26 00-0100	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	193.20	
		For Shade Cloth, Add	*43.20*	
01 56 26 00-0101	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	217.35	
		For Shade Cloth, Add	*54.00*	
01 56 26 00-0102	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	265.65	
		For Shade Cloth, Add	*72.00*	
01 56 26 00-0103	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	289.80	
		For Shade Cloth, Add	*86.40*	
01 56 26 00-0104		10' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*		
01 56 26 00-0105	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	135.84	
		For Shade Cloth, Add	*19.00*	
01 56 26 00-0106	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	211.31	
		For Shade Cloth, Add	*47.50*	
01 56 26 00-0107	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	241.50	
		For Shade Cloth, Add	*57.00*	
01 56 26 00-0108	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	271.69	
		For Shade Cloth, Add	*71.25*	
01 56 26 00-0109	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	332.06	
		For Shade Cloth, Add	*95.00*	
01 56 26 00-0110	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	362.25	
		For Shade Cloth, Add	*114.00*	
01 56 26 00-0111		Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0023)*		
01 56 26 00-0112		4' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*		
01 56 26 00-0113	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	99.00	
		For Shade Cloth, Add	*6.40*	
01 56 26 00-0114	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	154.00	
		For Shade Cloth, Add	*16.00*	
01 56 26 00-0115	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	176.00	
		For Shade Cloth, Add	*19.20*	
01 56 26 00-0116	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	198.00	
		For Shade Cloth, Add	*24.00*	
01 56 26 00-0117	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	241.99	
		For Shade Cloth, Add	*32.00*	
01 56 26 00-0118	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	264.01	
		For Shade Cloth, Add	*38.40*	
01 56 26 00-0119		6' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*		
01 56 26 00-0120	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	103.50	
		For Shade Cloth, Add	*10.20*	
01 56 26 00-0121	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	161.00	
		For Shade Cloth, Add	*25.50*	
01 56 26 00-0122	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	183.99	
		For Shade Cloth, Add	*30.60*	
01 56 26 00-0123	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	207.00	
		For Shade Cloth, Add	*38.25*	
01 56 26 00-0124	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	253.00	
		For Shade Cloth, Add	*51.00*	
01 56 26 00-0125	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	276.00	
		For Shade Cloth, Add	*61.20*	
01 56 26 00-0126		8' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*		
01 56 26 00-0127	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	113.85	
		For Shade Cloth, Add	*14.40*	
01 56 26 00-0128	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	177.10	
		For Shade Cloth, Add	*36.00*	
01 56 26 00-0129	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	202.40	
		For Shade Cloth, Add	*43.20*	
01 56 26 00-0130	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	227.70	
		For Shade Cloth, Add	*54.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0131	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	278.30	
		For Shade Cloth, Add	*72.00*	
01 56 26 00-0132	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	303.60	
		For Shade Cloth, Add	*86.40*	

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

01 56 26 00-0134	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	142.31	
		For Shade Cloth, Add	*19.00*	
01 56 26 00-0135	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	221.38	
		For Shade Cloth, Add	*47.50*	
01 56 26 00-0136	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	253.00	
		For Shade Cloth, Add	*57.00*	
01 56 26 00-0137	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	284.62	
		For Shade Cloth, Add	*71.25*	
01 56 26 00-0138	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	347.88	
		For Shade Cloth, Add	*95.00*	
01 56 26 00-0139	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	379.50	
		For Shade Cloth, Add	*114.00*	

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

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

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

01 56 26 00-0142	LF	Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months	1.61
		For >100 To 250, Deduct	*-0.08*
		For >250 To 500, Deduct	*-0.16*
		For >500, Deduct	*-0.24*
		For Shade Cloth, Add	*1.60*
01 56 26 00-0143	LF	Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months	1.81
		For >100 To 250, Deduct	*-0.09*
		For >250 To 500, Deduct	*-0.18*
		For >500, Deduct	*-0.27*
		For Shade Cloth, Add	*2.55*
01 56 26 00-0144	LF	Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months	2.91
		For >100 To 250, Deduct	*-0.15*
		For >250 To 500, Deduct	*-0.29*
		For >500, Deduct	*-0.44*
		For Shade Cloth, Add	*3.60*

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

01 56 26 00-0146	LF	Temporary 4' High Chain Link Fence Panels (Portable), >6 To 12 Months	1.75
		For >100 To 250, Deduct	*-0.09*
		For >250 To 500, Deduct	*-0.18*
		For >500, Deduct	*-0.26*
		For Shade Cloth, Add	*1.60*
01 56 26 00-0147	LF	Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months	1.96
		For >100 To 250, Deduct	*-0.10*
		For >250 To 500, Deduct	*-0.20*
		For >500, Deduct	*-0.29*
		For Shade Cloth, Add	*2.55*
01 56 26 00-0148	LF	Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months	3.16
		For >100 To 250, Deduct	*-0.16*
		For >250 To 500, Deduct	*-0.32*
		For >500, Deduct	*-0.47*
		For Shade Cloth, Add	*3.60*

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

01 56 26 00-0150	LF	Temporary 4' High Chain Link Fence Panels (Portable), >12 To 18 Months	1.89
		For >100 To 250, Deduct	*-0.09*
		For >250 To 500, Deduct	*-0.19*
		For >500, Deduct	*-0.28*
		For Shade Cloth, Add	*1.60*
01 56 26 00-0151	LF	Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months	2.13
		For >100 To 250, Deduct	*-0.11*
		For >250 To 500, Deduct	*-0.21*
		For >500, Deduct	*-0.32*
		For Shade Cloth, Add	*2.55*
01 56 26 00-0152	LF	Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months	3.45
		For >100 To 250, Deduct	*-0.17*
		For >250 To 500, Deduct	*-0.35*
		For >500, Deduct	*-0.52*
		For Shade Cloth, Add	*3.60*

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

01 56 26 00-0154	LF	Temporary 4' High Chain Link Fence Panels (Portable), >18 Months	2.06
		For >100 To 250, Deduct	*-0.10*
		For >250 To 500, Deduct	*-0.21*
		For >500, Deduct	*-0.31*
		For Shade Cloth, Add	*1.60*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0155	LF	Temporary 6' High Chain Link Fence Panels (Portable), >18 Months	2.30	
		For >100 To 250, Deduct	*-0.12*	
		For >250 To 500, Deduct	*-0.23*	
		For >500, Deduct	*-0.35*	
		For Shade Cloth, Add	*2.55*	
01 56 26 00-0156	LF	Temporary 8' High Chain Link Fence Panels (Portable), >18 Months	3.75	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.38*	
		For >500, Deduct	*-0.56*	
		For Shade Cloth, Add	*3.60*	

01 56 26 00-0157 Relocate Chain Link Fence, Gates And Panels *(01 56 26 00-0001)*
Note: Excludes auguring/drilling for posts.

01 56 26 00-0158 Relocate Temporary Chain Link Fence On Site *(01 56 26 00-0157)*

01 56 26 00-0159	LF	Relocate Temporary 4' High Chain Link Fence And Posts	2.14
01 56 26 00-0160	LF	Relocate Temporary 6' High Chain Link Fence And Posts	3.21
01 56 26 00-0161	LF	Relocate Temporary 8' High Chain Link Fence And Posts	4.64
01 56 26 00-0162	LF	Relocate Temporary 10' High Chain Link Fence And Posts	5.71

01 56 26 00-0163 Relocate Temporary Chain Link Fence Panels On Site *(01 56 26 00-0157)*

01 56 26 00-0164	LF	Relocate Temporary 4' High Chain Link Fence Panel, Self Standing	0.66
01 56 26 00-0165	LF	Relocate Temporary 6' High Chain Link Fence Panel, Self Standing	0.79
01 56 26 00-0166	LF	Relocate Temporary 8' High Chain Link Fence Panel, Self Standing	0.89

01 56 26 00-0167 Relocate Temporary Chain Link Gates On Site *(01 56 26 00-0157)*

01 56 26 00-0168	EA	Relocate Temporary 4' High Chain Link Vehicle Gate And Posts	86.21
01 56 26 00-0169	EA	Relocate Temporary 6' High Chain Link Vehicle Gate And Posts	99.47
01 56 26 00-0170	EA	Relocate Temporary 8' High Chain Link Vehicle Gate And Posts	122.69
01 56 26 00-0171	EA	Relocate Temporary 10' High Chain Link Vehicle Gate And Posts	132.64

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

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

01 56 29 00-0002	LF	Temporary Wooden Guardrail With Top-Rail With Two Side Rails On 36" High 2 x 4 Posts 18" On Center Attached To Walkway Note: Excludes walkway.	9.01
01 56 29 00-0003	SF	Temporary Walkway With 3/4" Plywood On 2 x 6 Stringers	4.38
01 56 29 00-0004	RSR	Temporary Stairs On 2 x 12 Stringers (Cost Per Riser)	15.54

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

01 56 29 00-0006	SF	Small Mesh Debris Netting Note: Includes 3" molded plastic base plates, plastic cable ties, and 1/4", 7x9 aircraft cable tied off to structure, not including anchors.	1.05

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

01 56 33 00-0001 Temporary Fiberglass Panels *(01 56 33)*

01 56 33 00-0002	SF	Prefabricated Fiberglass Panels	1.34

01 56 33 00-0003 Street Barricade *(01 56 33)*

01 56 33 00-0004	LF	Temporary Street Barricade, Using 12" x 12" Beam As Base With 2" x 4" Top Warning Rail And Sides, Per Month	7.71

01 56 33 00-0005 Temporary Safety Fence *(01 56 33)*
Note: Includes removal after use.

01 56 33 00-0006	LF	Temporary Safety Fence, Plastic Mesh, 48" High With Posts At 8' On Center	1.63

01 56 33 00-0007 Board-up Opening With Plywood *(01 56 33)*
Note: For use where directed by owner for boarding up door and window openings.

01 56 33 00-0008	OPN	Remove Protective Barrier To Allow Work In Building, Reseal At End Of Day, Per Opening Per Day	9.95
01 56 33 00-0009	SF	Board-up Opening With 5/8" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners	5.79
01 56 33 00-0010	SF	Board-up Opening With 3/4" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners	6.71

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

01 56 39 00-0001 Temporary Tree Guards *(01 56 39)*
Note: Includes digging holes and removal.

01 56 39 00-0002	EA	Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	129.82
01 56 39 00-0003	EA	4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	150.09
01 56 39 00-0004	EA	6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	162.28

01 58 Project Identification *(01 50)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Includes removal after use.

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

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

01 58 13 00-0002 MDO Plywood Signs *(01 58 13 00-0001)*
Note: Excludes posts.

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

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

01 58 13 00-0005	EA	Up To 8 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign		96.20	18.24
		For High-Intensity Grade, Add		*20.90*	
		For Diamond Grade, Add		*40.31*	
01 58 13 00-0006	EA	>8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign		157.57	19.07
		For High-Intensity Grade, Add		*41.80*	
		For Diamond Grade, Add		*80.62*	
01 58 13 00-0007	EA	>16 To 24 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign		218.95	19.90
		For High-Intensity Grade, Add		*62.70*	
		For Diamond Grade, Add		*120.93*	
01 58 13 00-0008	EA	>24 To 32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign		280.33	20.73
		For High-Intensity Grade, Add		*83.60*	
		For Diamond Grade, Add		*161.24*	
01 58 13 00-0009	SF	>32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign		8.78	0.66
		For High-Intensity Grade, Add		*2.61*	
		For Diamond Grade, Add		*5.04*	

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

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

01 58 13 00-0012	EA	Up To 8 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	117.50	18.24
01 58 13 00-0013	EA	>8 To 16 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	138.50	19.07
01 58 13 00-0014	EA	>16 To 24 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	171.00	19.90
01 58 13 00-0015	EA	>24 To 32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	201.71	20.73
01 58 13 00-0016	SF	>32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	6.33	0.66

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

01 58 13 00-0018	EA	Up To 8 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	119.78	18.24
01 58 13 00-0019	EA	>8 To 16 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	150.79	19.07
01 58 13 00-0020	EA	>16 To 24 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	183.49	19.90
01 58 13 00-0021	EA	>24 To 32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	212.42	20.73
01 58 13 00-0022	SF	>32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	6.66	0.66

01 58 13 00-0023 Fabricate And Install New Posts *(01 58 13 00-0001)*
Note: Includes excavation, backfill and compaction. Excludes core drilling.

01 58 13 00-0024	LF	Galvanized Metal Channel Sign Posts	10.34
01 58 13 00-0025	LF	4" x 4" Pressure Treated Wood Sign Posts	8.56
01 58 13 00-0026	LF	4" x 6" Pressure Treated Wood Sign Posts	9.96

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

01 58 13 00-0028	EA	Install And Remove Owner Supplied Project Sign	66.33

01 60 Product Requirements *(01)*

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

01 66 19 Material Handling *(01 66)*

Note: Not for use in conjunction with other tasks when the distance is less than 2 stories with attic (2-1/2 stories) or less than 125'. To be used for moving of existing material, owner supplied material or as directed by the owner.

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

01 66 19 00-0002	CY	Moving Material Via Stairs, Per CY Of Material Per Floor Note: Quantity equals material volume times number of floors traveled.	12.75
01 66 19 00-0003	CY	Moving Material Via Elevator, Per CY Of Material Note: Quantity equals material volume. If more than one elevator is used, the quantity is factored by the number of transfers.	8.29
01 66 19 00-0004	CY	Moving Material Via Freight Elevator, Per CY Of Material Per Trip	12.07

01 66 19 00-0005 Moving Furniture *(01 66 19)*
Note: To be used when contractor is required to move furniture. Not to be used when the amount of furniture is less than 55% of the total floor space. Moving of furniture which occupies less than 55% of the total floor space is considered as part of the coefficient adjustment factor.

01 66 19 00-0006	SF	Remove, Transport, Return And Reinstall Office Furniture Note: Includes general, desks, tables, file cabinets (full), chairs, storage boxes, bookshelves, office equipment and computers (per SF of office area). Not to be used when amount of furniture is less than 55% of total floor space.	0.83

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

01 66 19 00-0008	CY	Handling Material For Over 125' Per CY Of Material Per 125' Note: For delivery, demo or miscellaneous moving required by owner.	12.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 66 19 00-0009	CY	Handling Material With 2 CY Cart For Over 125', Per 125' Note: For delivery, demo or miscellaneous moving required by owner. Includes wrapping of cart and two person for movement.	20.73	

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

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

01 66 19 00-0011	CY	Rubbish Handling Via Stairs, Per CY Of Material Per Floor Note: Quantity equals material volume times bulk factor times number of floors traveled.	11.60	
01 66 19 00-0012	CY	Rubbish Handling Via Elevator, Per CY Of Material Note: Quantity equals material volume times bulk factor. If more than one elevator is used, the quantity is factored by the number of transfers.	6.91	
01 66 19 00-0013	CY	Rubbish Handling Via Freight Elevator, Per CY Of Material Per Trip	10.87	

01 70 Execution And Closeout Requirements *(01)*

01 71 Examination And Preparation *(01 70)*

01 71 13 Mobilization *(01 71)*

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

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

01 71 13 00-0002	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: Includes delivery and pickup. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom manlifts with up to 40' boom lengths, etc.	201.32	
01 71 13 00-0003	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed Note: Includes delivery and pickup. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with >40' boom lengths, etc.	402.63	

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

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

01 71 13 00-0005	EA	Up To 20 Ton Lift Move On/Off Cost, Truck Mounted Crane Note: Includes delivery and pickup.	260.40	
		For >30 To 60 Miles Radius, Add	*65.10*	
		For >60 To 100 Miles Radius, Add	*104.16*	
01 71 13 00-0006	EA	20 To 30 Ton Lift Move On/Off Cost, Truck Mounted Crane Note: Includes delivery and pickup.	374.98	
		For >30 To 60 Miles Radius, Add	*93.75*	
		For >60 To 100 Miles Radius, Add	*149.99*	
01 71 13 00-0007	EA	40 To 50 Ton Lift Move On/Off Cost, Truck Mounted Crane Note: Includes delivery and pickup.	499.97	
		For >30 To 60 Miles Radius, Add	*124.99*	
		For >60 To 100 Miles Radius, Add	*199.99*	
01 71 13 00-0008	EA	70 To 100 Ton Lift Move On/Off Cost, Truck Mounted Crane Note: Includes delivery and pickup.	812.45	
		For >30 To 60 Miles Radius, Add	*203.11*	
		For >60 To 100 Miles Radius, Add	*324.98*	
01 71 13 00-0009	EA	75 Ton Lift Move On/Off Cost, Mechanical Crane Note: Includes delivery and pickup.	641.63	
		For >30 To 60 Miles Radius, Add	*160.41*	
		For >60 To 100 Miles Radius, Add	*256.65*	
01 71 13 00-0010	EA	100 Ton Lift Move On/Off Cost, Mechanical Crane Note: Includes delivery and pickup.	1,041.60	
		For >30 To 60 Miles Radius, Add	*260.40*	
		For >60 To 100 Miles Radius, Add	*416.64*	
01 71 13 00-0011	EA	125 Ton Lift Move On/Off Cost, Mechanical Crane Note: Includes delivery and pickup.	1,291.58	
		For >30 To 60 Miles Radius, Add	*322.90*	
		For >60 To 100 Miles Radius, Add	*516.63*	
01 71 13 00-0012	EA	150 Ton Lift Move On/Off Cost, Mechanical Crane Note: Includes delivery and pickup.	1,604.06	
		For >30 To 60 Miles Radius, Add	*401.02*	
		For >60 To 100 Miles Radius, Add	*641.62*	
01 71 13 00-0013	EA	250 Ton Lift Move On/Off Cost, Mechanical Crane Note: Includes delivery and pickup.	2,916.48	
		For >30 To 60 Miles Radius, Add	*729.12*	
		For >60 To 100 Miles Radius, Add	*1,166.59*	
01 71 13 00-0014	EA	300 Ton Lift Move On/Off Cost, Mechanical Crane Note: Includes delivery and pickup.	4,166.40	
		For >30 To 60 Miles Radius, Add	*1,041.60*	
		For >60 To 100 Miles Radius, Add	*1,666.56*	
01 71 13 00-0015	EA	500 Ton Lift Move On/Off Cost, Mechanical Crane Note: Includes delivery and pickup.	6,249.60	
		For >30 To 60 Miles Radius, Add	*1,562.40*	
		For >60 To 100 Miles Radius, Add	*2,499.84*	

01 71 23 Field Engineering *(01 71)*

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

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 23 16-0001		Conventional Topographic Survey *(01 71 23 16)* Note: The professional services include AutoCAD drafting and certification. The survey includes location of structures, walks, drives, parking, significant vegetation, utilities, etc. The area within building footprint is not to be considered as part of the acreage.		
01 71 23 16-0002	ACR	Survey Clear Area With Few To No Obstacles	648.11	
01 71 23 16-0003	ACR	Survey Clear Area With Medium Height Vegetation, Few Trees (<5% Buildings)	1,915.01	
01 71 23 16-0004	ACR	Survey Clear Area With Few Structures, And/Or Wooded (5-25% Buildings)	2,748.27	
01 71 23 16-0005	ACR	Survey Developed Areas With Several Structures (25-65% Buildings)	4,146.55	
01 71 23 16-0006	ACR	Survey Highly Developed Areas, Sidewalks, Etcetera (>65% Buildings)	5,196.60	
01 71 23 16-0007		Property Lines Survey *(01 71 23 16)* Note: Not to be added to tasks in the "Conventional Topographic Survey" section.		
01 71 23 16-0008	LF	Survey Property Lines On Cleared Land	1.47	
01 71 23 16-0009	LF	Survey Property Lines On Slightly Wooded Land	1.70	
01 71 23 16-0010	LF	Survey Property Lines On Wooded Land	1.99	
01 71 23 16-0011		Survey Monument *(01 71 23 16)*		
01 71 23 16-0012	EA	Install Survey Monument	106.39	
		For Owner Furnished Monument, Deduct	*-41.37*	
01 71 23 16-0013		Facade Surveying *(01 71 23 16)*		
01 71 23 16-0014	LF	Facade Survey And Reports (LF Of Facade x Number Of Floors)	4.26	

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

01 74 13 Progress Cleaning *(01 74)*

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

01 74 13 00-0001		General *(01 74 13)*		
01 74 13 00-0002	CSF	Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent	16.60	
01 74 13 00-0003	CY	Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed.	19.44	
01 74 13 00-0004	CSF	Wet Mop And HEPA Vacuum Floors	15.55	

01 74 16 Site Maintenance *(01 74)*

01 74 16 00-0001		Parking Lot, Roads And Pathway Maintenance *(01 74 16)* Note: These tasks shall be used for maintenance of existing roads and walks only as requested by the owner. Do not use these tasks in conjunction with related installation/demolition tasks in the Construction Task Catalog® .		
01 74 16 00-0002		Parking Lot, Road, And Street Sweeping *(01 74 16 00-0001)*		
01 74 16 00-0003	MSF	Sweep Parking Lot, With Street Sweeper	14.49	
01 74 16 00-0004	MSF	Sweeper/Vacuum/Sprayer For Parking Lots, Streets And Roads	17.40	

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

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

01 74 19 00-0001		Debris Chutes *(01 74 19)* Note: Includes hopper sections and entry sections. Used as required for buildings of all heights.		
01 74 19 00-0002		Steel Temporary Debris Chutes *(01 74 19 00-0001)*		
01 74 19 00-0003	LF	18" Diameter, Steel Temporary Debris Chute	23.93	
01 74 19 00-0004	LF	30" Diameter, Steel Temporary Debris Chute	35.69	
01 74 19 00-0005		Plastic Temporary Debris Chutes *(01 74 19 00-0001)*		
01 74 19 00-0006	LF	24" Diameter, Plastic Temporary Debris Chute	9.46	
		For Steel Liner, Add	*1.79*	
01 74 19 00-0007	LF	30" Diameter, Plastic Temporary Debris Chute	10.83	
		For Steel Liner, Add	*2.06*	
01 74 19 00-0008	LF	36" Diameter, Plastic Temporary Debris Chute	12.20	
		For Steel Liner, Add	*2.32*	
01 74 19 00-0009		Wood Temporary Debris Chutes *(01 74 19 00-0001)*		
01 74 19 00-0010	LF	4' x 4', Wood Temporary Debris Chute Note: Includes fabrication and installation.	17.90	
01 74 19 00-0011		Construction Dumpsters Rental *(01 74 19)* Note: Includes delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up. Unacceptable materials include: aerosol cans, all liquids, animals, antifreeze, appliances, asbestos, barrels, batteries, chemical products, computers, contaminated oils (mixed with solvents, gasoline, etc.), dirt, fluorescent tubes, hazardous waste, herbicides & pesticides, industrial waste, lubricating/hydraulic oil, mattresses, medical waste, microwaves, monitors, motor oil, oil filters, other flammable liquids, paint (except completely dried latex paint cans, no liquids), petroleum-contaminated soil/lead paint chips, propane tanks, radioactive material, railroad ties, solvents, televisions, tires, and transmission oil.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 74 19 00-0012	EA	6 CY Dumpster (1 Ton) "Construction Debris"	278.83	
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
		For Each Ton Over Capacity, Add	*42.00*	
01 74 19 00-0013	EA	10 CY Dumpster (1.5 Ton) "Construction Debris"	310.69	
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
		For Each Ton Over Capacity, Add	*42.00*	
01 74 19 00-0014	EA	15 CY Dumpster (2 Ton) "Construction Debris"	309.21	
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
		For Each Ton Over Capacity, Add	*42.00*	
01 74 19 00-0015	EA	20 CY Dumpster (3 Ton) "Construction Debris"	419.60	
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
		For Each Ton Over Capacity, Add	*42.00*	
01 74 19 00-0016	EA	30 CY Dumpster (4 Ton) "Construction Debris"	477.99	
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
		For Each Ton Over Capacity, Add	*42.00*	
01 74 19 00-0017	EA	40 CY Dumpster (5 Ton) "Construction Debris"	578.41	
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
		For Each Ton Over Capacity, Add	*42.00*	

01 74 19 00-0018 Debris Processing Fee *(01 74 19)*

01 74 19 00-0019 Recycler Fees *(01 74 19 00-0018)*

Note: Excludes hauling.

01 74 19 00-0020	CY	Drop-Off Asphalt At Recycling Center	14.48	
01 74 19 00-0021	CY	Drop-Off Concrete At Recycling Center	7.24	

01 74 19 00-0022 Landfill Dump Fees *(01 74 19 00-0018)*

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

01 74 19 00-0023	CY	Traditional Building Construction Materials Landfill Dump Fee	9.64	
01 74 19 00-0024	CY	Trees, Stumps And Brush, Landfill Dump Fee	11.60	
01 74 19 00-0025	CY	Rubbish Landfill Dump Fee	9.46	
01 74 19 00-0026	CY	Hazardous Materials And Rubbish (Paint Cans, Etcetera) Landfill Dump Fee	27.66	
01 74 19 00-0027	CY	Excavated Dirt Landfill Dump Fee	9.28	
01 74 19 00-0028	CY	Asphalt, Concrete, Gravel And Subgrade Material, Landfill Dump Fee	19.66	
01 74 19 00-0029	TON	Traditional Building Construction Materials, Landfill Dump Fee	42.00	

01 74 19 00-0030 Hauling *(01 74 19)*

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

01 74 19 00-0031	CYM	Hauling On Paved Roads, First 15 Miles	0.88	
01 74 19 00-0032	CYM	Hauling On Paved Roads, Miles Over Initial 15 Miles	0.66	
01 74 19 00-0033	CYM	Hauling On Unimproved Roads, First 15 Miles	1.21	
01 74 19 00-0034	CYM	Hauling On Unimproved Roads, Miles Over Initial 15 Miles	0.99	

01 74 23 Final Cleaning *(01 74)*

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

01 74 23 00-0002	CSF	Clean Existing Glass Surfaces	21.70	

01 90 Life Cycle Activities *(01)*

01 91 Commissioning *(01 90)*

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

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

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

01 91 13 00-0002	HR	Commissioning - Fire Protection Sprinkler Systems	121.16	
01 91 13 00-0003	HR	Commissioning - Plumbing Systems	157.29	
01 91 13 00-0004	HR	Commissioning - HVAC/Mechanical Systems	230.85	
01 91 13 00-0005	HR	Commissioning - Electrical/Fire Alarms/Security Systems	164.32	

END OF SECTION 01

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 Existing Conditions

02 20 Assessment *(02)*

02 25 Existing Material Assessment *(02 20)*

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

02 25 16 00-0001 X-Ray And Electromagnetic Survey *(02 25 16)*
Note: To locate reinforcing bars, conduits, pipes, etc., prior to core drilling or cutting existing concrete, masonry or asphalt. Electromagnetic survey includes Subsurface Interface Radar (SIR) and/or Ground Penetrating Radar (GPR). Includes printed reports.

02 25 16 00-0002 X-Ray Or Electromagnetic Survey Minimum Set-Up Charge *(02 25 16 00-0001)*

02 25 16 00-0003	EA	X-Ray Or Electromagnetic Survey Minimum Set-Up Charge Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	657.33	

02 25 16 00-0004 X-Ray Survey *(02 25 16 00-0001)*

02 25 16 00-0005	EA	X-Ray Survey Up To 2 SF Of Concrete, Masonry Or Asphalt	133.02	
		For >8 To 25, Deduct	*-31.25*	

02 25 16 00-0006 Electromagnetic (SIR/GPR) Survey *(02 25 16 00-0001)*

02 25 16 00-0007	EA	Electromagnetic (SIR/GPR) Survey Up To 4 SF Of Concrete, Masonry Or Asphalt	266.05	
		For >5 To 20, Deduct	*-106.42*	
02 25 16 00-0008	EA	Electromagnetic (SIR/GPR) Survey >4 To 500 SF Of Concrete, Masonry Or Asphalt	532.10	
02 25 16 00-0009	SF	Electromagnetic (SIR/GPR) Survey >500 SF Of Concrete, Masonry Or Asphalt	1.06	

02 30 Subsurface Investigation *(02)*

02 32 Geotechnical Investigations *(02 30)*

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

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

02 32 13 00-0001 Auger Borings *(02 32 13)*

02 32 13 00-0002	LF	Standard Auger Hole With Split Spoon Sample At 5 Ft Intervals	22.47	

02 32 13 00-0003 Cased Borings In Earth, With Samples *(02 32 13)*
Note: All types of soils.

02 32 13 00-0004	LF	2-1/2" Diameter Cased Borings In Earth, With Samples	31.86	
02 32 13 00-0005	LF	4" Diameter Cased Borings In Earth, With Samples	34.90	

02 32 13 00-0006 Drilling In Rock, BW Core (2.125") *(02 32 13)*

02 32 13 00-0007	LF	Drill In Rock, BW Core Note: Includes sampling.	70.17	
02 32 13 00-0008	LF	Drill In Rock, BW Core, With Casing Note: Includes sampling.	75.84	
02 32 13 00-0009	EA	Drill In Rock, With BW Core Boxes	5.56	

02 32 13 00-0010 Drilling In Rock, NW Core (2.98") *(02 32 13)*

02 32 13 00-0011	LF	Drill In Rock, NW Core Note: Includes sampling.	77.76	
02 32 13 00-0012	LF	Drill In Rock, NW Core, With Casing Note: Includes sampling.	84.43	
02 32 13 00-0013	EA	Drill In Rock, With NW Core Boxes	6.39	

02 32 13 00-0014 Test Pits For Boring Activities *(02 32 13)*
Note: Excludes backfill. See CSI section 31 23 16 36-0016 for backfill.

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

02 32 13 00-0016	CY	Excavation For Test Pit, Light Material, Backhoe Excavation	47.24	
02 32 13 00-0017	CY	Excavation For Test Pits, Medium Material, Backhoe Excavation	55.10	
02 32 13 00-0018	CY	Excavation For Test Pit, Heavy Material, Backhoe Excavation	73.48	

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

02 32 13 00-0020	EA	Shelby Tube Sampling	26.08	
02 32 13 00-0021	EA	Penetration Test	21.25	

02 40 Demolition And Structure Moving *(02)*

02 41 Demolition *(02 40)*

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

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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

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

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

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

02 41 13 13-0002	SY	Up To 3" By Machine, Break-up And Leave In Place Bituminous Paving	4.93	
		For >500 To 1,000, Deduct	*-0.49*	
		For >1,000 To 2,500, Deduct	*-0.89*	
		For >2,500 To 5,000, Deduct	*-1.28*	
		For >5,000 To 10,000, Deduct	*-1.68*	
		For >10,000, Deduct	*-2.07*	
02 41 13 13-0003	SY	>3" To 6" By Machine, Break-up And Leave In Place Bituminous Paving	7.40	
		For >500 To 1,000, Deduct	*-0.74*	
		For >1,000 To 2,500, Deduct	*-1.33*	
		For >2,500 To 5,000, Deduct	*-1.92*	
		For >5,000 To 10,000, Deduct	*-2.52*	
		For >10,000, Deduct	*-3.11*	
02 41 13 13-0004	SY	>6" To 8" By Machine, Break-up And Leave In Place Bituminous Paving	9.85	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000 To 2,500, Deduct	*-1.77*	
		For >2,500 To 5,000, Deduct	*-2.56*	
		For >5,000 To 10,000, Deduct	*-3.35*	
		For >10,000, Deduct	*-4.14*	
02 41 13 13-0005	SY	Up To 3" By Machine, Break-up And Leave In Place Concrete Paving	8.92	
		For >500 To 1,000, Deduct	*-0.89*	
		For >1,000 To 2,500, Deduct	*-1.61*	
		For >2,500 To 5,000, Deduct	*-2.32*	
		For >5,000 To 10,000, Deduct	*-3.03*	
		For >10,000, Deduct	*-3.75*	
02 41 13 13-0006	SY	>3" To 6" By Machine, Break-up And Leave In Place Concrete Paving	12.58	
		For >500 To 1,000, Deduct	*-1.26*	
		For >1,000 To 2,500, Deduct	*-2.26*	
		For >2,500 To 5,000, Deduct	*-3.27*	
		For >5,000 To 10,000, Deduct	*-4.28*	
		For >10,000, Deduct	*-5.28*	
02 41 13 13-0007	SY	>6" To 9" By Machine, Break-up And Leave In Place Concrete Paving	17.83	
		For >500 To 1,000, Deduct	*-1.78*	
		For >1,000 To 2,500, Deduct	*-3.21*	
		For >2,500 To 5,000, Deduct	*-4.64*	
		For >5,000 To 10,000, Deduct	*-6.06*	
		For >10,000, Deduct	*-7.49*	
02 41 13 13-0008	SY	>9" To 14" By Machine, Break-up And Leave In Place Concrete Paving	25.17	
		For >500 To 1,000, Deduct	*-2.52*	
		For >1,000 To 2,500, Deduct	*-4.53*	
		For >2,500 To 5,000, Deduct	*-6.54*	
		For >5,000 To 10,000, Deduct	*-8.56*	
		For >10,000, Deduct	*-10.57*	
02 41 13 13-0009	SY	>14" To 19" By Machine, Break-up And Leave In Place Concrete Paving	32.92	
		For >500 To 1,000, Deduct	*-3.29*	
		For >1,000 To 2,500, Deduct	*-5.93*	
		For >2,500 To 5,000, Deduct	*-8.56*	
		For >5,000 To 10,000, Deduct	*-11.19*	
		For >10,000, Deduct	*-13.83*	
02 41 13 13-0010	SY	>19" To 24" By Machine, Break-up And Leave In Place Concrete Paving	42.79	
		For >500 To 1,000, Deduct	*-4.28*	
		For >1,000 To 2,500, Deduct	*-7.70*	
		For >2,500 To 5,000, Deduct	*-11.13*	
		For >5,000 To 10,000, Deduct	*-14.55*	
		For >10,000, Deduct	*-17.97*	

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

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

02 41 13 13-0012	SF	Up To 3" By Hand, Break-up And Leave In Place Bituminous Paving	1.27	
02 41 13 13-0013	SF	>3" To 6" By Hand, Break-up And Leave In Place Bituminous Paving	1.62	
02 41 13 13-0014	SF	>6" To 8" By Hand, Break-up And Leave In Place Bituminous Paving	2.13	
02 41 13 13-0015	SF	Up To 3" By Hand, Break-up And Leave In Place Concrete Paving	1.59	
02 41 13 13-0016	SF	>3" To 6" By Hand, Break-up And Leave In Place Concrete Paving	2.03	
02 41 13 13-0017	SF	Break-Up >6" To 8" Concrete Paving By Hand With Material Left In Place After Break-up	2.67	

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

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

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0019	SY	Up To 3" By Machine, Break-up And Remove Bituminous Paving	9.95	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*2.99*	
		For Elevated Slab, Add	*4.98*	
		For >500 To 1,000, Deduct	*-1.00*	
		For >1,000 To 2,500, Deduct	*-1.79*	
		For >2,500 To 5,000, Deduct	*-2.59*	
		For >5,000 To 10,000, Deduct	*-3.38*	
		For >10,000, Deduct	*-4.18*	
02 41 13 13-0020	SY	>3" To 6" By Machine, Break-up And Remove Bituminous Paving	13.58	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*4.07*	
		For Elevated Slab, Add	*6.79*	
		For >500 To 1,000, Deduct	*-1.36*	
		For >1,000 To 2,500, Deduct	*-2.44*	
		For >2,500 To 5,000, Deduct	*-3.53*	
		For >5,000 To 10,000, Deduct	*-4.62*	
		For >10,000, Deduct	*-5.70*	
02 41 13 13-0021	SY	Up To 3" By Machine, Break-up And Remove Non Reinforced Concrete Paving	11.45	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*3.44*	
		For Elevated Slab, Add	*5.73*	
		For >500 To 1,000, Deduct	*-1.15*	
		For >1,000 To 2,500, Deduct	*-2.06*	
		For >2,500 To 5,000, Deduct	*-2.98*	
		For >5,000 To 10,000, Deduct	*-3.89*	
		For >10,000, Deduct	*-4.81*	
02 41 13 13-0022	SY	>3" To 6" By Machine, Break-up And Remove Non Reinforced Concrete Paving	14.97	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*4.49*	
		For Elevated Slab, Add	*7.49*	
		For >500 To 1,000, Deduct	*-1.50*	
		For >1,000 To 2,500, Deduct	*-2.69*	
		For >2,500 To 5,000, Deduct	*-3.89*	
		For >5,000 To 10,000, Deduct	*-5.09*	
		For >10,000, Deduct	*-6.29*	
02 41 13 13-0023	SY	Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	15.19	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*4.56*	
		For Elevated Slab, Add	*7.60*	
		For >500 To 1,000, Deduct	*-1.52*	
		For >1,000 To 2,500, Deduct	*-2.73*	
		For >2,500 To 5,000, Deduct	*-3.95*	
		For >5,000 To 10,000, Deduct	*-5.16*	
		For >10,000, Deduct	*-6.38*	
02 41 13 13-0024	SY	>3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	19.68	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*5.90*	
		For Elevated Slab, Add	*9.84*	
		For >500 To 1,000, Deduct	*-1.97*	
		For >1,000 To 2,500, Deduct	*-3.54*	
		For >2,500 To 5,000, Deduct	*-5.12*	
		For >5,000 To 10,000, Deduct	*-6.69*	
		For >10,000, Deduct	*-8.27*	
02 41 13 13-0025	SY	>6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	32.63	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*9.79*	
		For Elevated Slab, Add	*16.32*	
		For >500 To 1,000, Deduct	*-3.26*	
		For >1,000 To 2,500, Deduct	*-5.87*	
		For >2,500 To 5,000, Deduct	*-8.48*	
		For >5,000 To 10,000, Deduct	*-11.09*	
		For >10,000, Deduct	*-13.70*	
02 41 13 13-0026	SY	Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	16.47	
		For Elevated Slab, Add	*8.24*	
		For >500 To 1,000, Deduct	*-1.65*	
		For >1,000 To 2,500, Deduct	*-2.96*	
		For >2,500 To 5,000, Deduct	*-4.28*	
		For >5,000 To 10,000, Deduct	*-5.60*	
		For >10,000, Deduct	*-6.92*	
02 41 13 13-0027	SY	>3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	21.18	
		For Elevated Slab, Add	*10.59*	
		For >500 To 1,000, Deduct	*-2.12*	
		For >1,000 To 2,500, Deduct	*-3.81*	
		For >2,500 To 5,000, Deduct	*-5.51*	
		For >5,000 To 10,000, Deduct	*-7.20*	
		For >10,000, Deduct	*-8.90*	
02 41 13 13-0028	SY	>6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	37.87	
		For Elevated Slab, Add	*18.94*	
		For >500 To 1,000, Deduct	*-3.79*	
		For >1,000 To 2,500, Deduct	*-6.82*	
		For >2,500 To 5,000, Deduct	*-9.85*	
		For >5,000 To 10,000, Deduct	*-12.88*	
		For >10,000, Deduct	*-15.91*	
02 41 13 13-0029	SY	>9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	49.42	
		For Elevated Slab, Add	*24.71*	
		For >500 To 1,000, Deduct	*-4.94*	
		For >1,000 To 2,500, Deduct	*-8.90*	
		For >2,500 To 5,000, Deduct	*-12.85*	
		For >5,000 To 10,000, Deduct	*-16.80*	
		For >10,000, Deduct	*-20.76*	
02 41 13 13-0030	SY	>14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	64.61	
		For Elevated Slab, Add	*32.31*	
		For >500 To 1,000, Deduct	*-6.46*	
		For >1,000 To 2,500, Deduct	*-11.63*	
		For >2,500 To 5,000, Deduct	*-16.80*	
		For >5,000 To 10,000, Deduct	*-21.97*	
		For >10,000, Deduct	*-27.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0031	SY	>19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	78.42	
		For Elevated Slab, Add	*39.21*	
		For >500 To 1,000, Deduct	*-7.84*	
		For >1,000 To 2,500, Deduct	*-14.12*	
		For >2,500 To 5,000, Deduct	*-20.39*	
		For >5,000 To 10,000, Deduct	*-26.66*	
		For >10,000, Deduct	*-32.94*	

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

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

02 41 13 13-0033	SF	Up To 3" By Hand, Break-up And Remove Bituminous Paving	2.84	
02 41 13 13-0034	SF	>3" To 6" By Hand, Break-up And Remove Bituminous Paving	3.74	
02 41 13 13-0035	SF	>6" To 8" By Hand, Break-up And Remove Bituminous Paving	4.86	
02 41 13 13-0036	SF	Up To 3" By Hand, Break-up And Remove Concrete Paving	3.56	
02 41 13 13-0037	SF	>3" To 6" By Hand, Break-up And Remove Concrete Paving	4.90	
02 41 13 13-0038	SF	>6" To 8" By Hand, Break-up And Remove Concrete Paving	6.28	

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

02 41 13 13-0040	EA	Grind Existing Sidewalks Up To 1/2" Depth To Remove Ridges (Tripping Hazard) Note: For each location up to 5' wide, feather up to 12" each direction.	119.23	
		For >1/2" To 1" Depth Of Grinding, Add		*17.88*
		For >1" To 1-1/2" Depth Of Grinding, Add		*29.81*
		For Up To 5, Add		*23.85*
		For >5 To 10, Add		*11.92*
		For >25 To 50, Deduct		*-11.92*
		For >50 To 250, Deduct		*-17.88*
		For >250, Deduct		*-23.85*
		For Sidewalks >5', Add		*11.92*
		For Up To 12" Additional Feathering Per Side, Add		*11.92*

02 41 16 Structure Demolition *(02 41)*

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

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

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

02 41 16 13-0002	GSF	Residential Building Interior, Gutting And Disposal Into Dumpster Or Truck	5.93	
02 41 16 13-0003	GSF	Commercial Building Interior Up To 2,000 SF, Gutting And Disposal Into Dumpster Or Truck	8.96	
02 41 16 13-0004	GSF	Commercial Building Interior >2,000 To 10,000 SF, Gutting And Disposal Into Dumpster Or Truck	7.33	
02 41 16 13-0005	GSF	Commercial Building Interior >10,000 SF, Gutting And Disposal Into Dumpster Or Truck	6.52	

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

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

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

Note: Includes masonry partitions and concrete decks.

02 41 16 13-0008	CCF	Demo Steel Framed Building With Pneumatic Tools/Hand Remove Building	53.43	
		For Floor-To-Floor Heights >12' To 15', Deduct		*-4.01*
		For Floor-To-Floor Heights >15' To 18', Deduct		*-8.01*
		For Floor-To-Floor Heights >18' To 21', Deduct		*-12.02*
		For Up To 500, Add		*16.03*
		For >500 To 1,000, Add		*10.69*
		For >1,000 To 2,000, Add		*5.34*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*17.63*
		For No Interior Partitions, Deduct		*-13.36*
02 41 16 13-0009	CCF	Demo Steel Framed Building By Machine Remove Building	32.51	
		For Floor-To-Floor Heights >12' To 15', Deduct		*-2.44*
		For Floor-To-Floor Heights >15' To 18', Deduct		*-4.88*
		For Floor-To-Floor Heights >18' To 21', Deduct		*-7.31*
		For Up To 500, Add		*9.75*
		For >500 To 1,000, Add		*6.50*
		For >1,000 To 2,000, Add		*3.25*
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add		*4.88*
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add		*8.13*
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add		*11.38*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*10.73*
		For No Interior Partitions, Deduct		*-8.13*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0010		Reinforced Concrete Building Demolition *(02 41 16 13-0006)*		
02 41 16 13-0011	CCF	Demo Reinforced Concrete Building With Pneumatic Tools/Hand Remove Building	67.05	
		For Floor-To-Floor Heights >12' To 15', Deduct	*-5.03*	
		For Floor-To-Floor Heights >15' To 18', Deduct	*-10.06*	
		For Floor-To-Floor Heights >18' To 21', Deduct	*-15.09*	
		For Up To 500, Add	*20.12*	
		For >500 To 1,000, Add	*13.41*	
		For >1,000 To 2,000, Add	*6.71*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*22.13*	
		For No Interior Partitions, Deduct	*-16.76*	
02 41 16 13-0012	CCF	Demo Reinforced Concrete Building By Machine Remove Building	42.92	
		For Floor-To-Floor Heights >12' To 15', Deduct	*-3.22*	
		For Floor-To-Floor Heights >15' To 18', Deduct	*-6.44*	
		For Floor-To-Floor Heights >18' To 21', Deduct	*-9.66*	
		For Up To 500, Add	*12.88*	
		For >500 To 1,000, Add	*8.58*	
		For >1,000 To 2,000, Add	*4.29*	
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	*6.44*	
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	*10.73*	
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	*15.02*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*14.16*	
		For No Interior Partitions, Deduct	*-10.73*	
02 41 16 13-0013		Masonry Construction Building Demolition *(02 41 16 13-0006)*		
02 41 16 13-0014	CCF	Demo Masonry Building With Pneumatic Tools/Hand Remove Building	47.12	
		For Floor-To-Floor Heights >12' To 15', Deduct	*-3.53*	
		For Floor-To-Floor Heights >15' To 18', Deduct	*-7.07*	
		For Floor-To-Floor Heights >18' To 21', Deduct	*-10.60*	
		For Up To 500, Add	*14.14*	
		For >500 To 1,000, Add	*9.42*	
		For >1,000 To 2,000, Add	*4.71*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*15.55*	
		For No Interior Partitions, Deduct	*-11.78*	
02 41 16 13-0015	CCF	Demo Masonry Building By Machine Remove Building	29.17	
		For Floor-To-Floor Heights >12' To 15', Deduct	*-2.19*	
		For Floor-To-Floor Heights >15' To 18', Deduct	*-4.38*	
		For Floor-To-Floor Heights >18' To 21', Deduct	*-6.56*	
		For Up To 500, Add	*8.75*	
		For >500 To 1,000, Add	*5.83*	
		For >1,000 To 2,000, Add	*2.92*	
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	*4.38*	
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	*7.29*	
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	*10.21*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*9.63*	
		For No Interior Partitions, Deduct	*-7.29*	
02 41 16 13-0016		Wood Frame Construction Building Demolition *(02 41 16 13-0006)*		
02 41 16 13-0017	CCF	Demo Wood Frame Building With Pneumatic Tools/Hand Remove Building	40.95	
		For Floor-To-Floor Heights >12' To 15', Deduct	*-3.07*	
		For Floor-To-Floor Heights >15' To 18', Deduct	*-6.14*	
		For Floor-To-Floor Heights >18' To 21', Deduct	*-9.21*	
		For Up To 500, Add	*12.29*	
		For >500 To 1,000, Add	*8.19*	
		For >1,000 To 2,000, Add	*4.10*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*13.51*	
		For No Interior Partitions, Deduct	*-10.24*	
02 41 16 13-0018	CCF	Demo Wood Frame Building By Machine Remove Building	24.96	
		For Floor-To-Floor Heights >12' To 15', Deduct	*-1.87*	
		For Floor-To-Floor Heights >15' To 18', Deduct	*-3.74*	
		For Floor-To-Floor Heights >18' To 21', Deduct	*-5.62*	
		For Up To 500, Add	*7.49*	
		For >500 To 1,000, Add	*4.99*	
		For >1,000 To 2,000, Add	*2.50*	
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	*3.74*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*8.24*	
		For No Interior Partitions, Deduct	*-6.24*	
02 41 16 13-0019		Sorting Of Material Debris For Recycling Prior To Hauling Off *(02 41 16 13-0006)*		
		Note: Per building volume.		
02 41 16 13-0020	CCF	Sorting Of Material Debris For Recycling Prior To Hauling Off	7.28	
		For Up To 500, Add	*2.18*	
		For >500 To 1,000, Add	*1.46*	
		For >1,000 To 2,000, Add	*0.73*	
02 41 16 13-0021		Building Foundations Demolition *(02 41 16 13)*		
		Note: Excludes earthwork. See CSI section 31 00 00 00-0000 for earthwork.		
02 41 16 13-0022		Demolition Of Concrete Foundations *(02 41 16 13-0021)*		
02 41 16 13-0023	CF	Demo Non Reinforced Concrete Footing	13.03	
02 41 16 13-0024	SF	Demo 4" Thick Non Reinforced Concrete Foundation Wall	4.57	
02 41 16 13-0025	SF	Demo 6" Thick Non Reinforced Concrete Foundation Wall	6.10	
02 41 16 13-0026	SF	Demo 8" Thick Non Reinforced Concrete Foundation Wall	7.62	
02 41 16 13-0027	SF	Demo 10" Thick Non Reinforced Concrete Foundation Wall	9.15	
02 41 16 13-0028	SF	Demo 12" Thick Non Reinforced Concrete Foundation Wall	10.67	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0029	SF	Demo 16" Thick Non Reinforced Concrete Foundation Wall		12.19
02 41 16 13-0030	CF	Demo Reinforced Concrete Footing		14.89
02 41 16 13-0031	SF	Demo 4" Thick Reinforced Concrete Foundation Wall		5.49
02 41 16 13-0032	SF	Demo 6" Thick Reinforced Concrete Foundation Wall		7.32
02 41 16 13-0033	SF	Demo 8" Thick Reinforced Concrete Foundation Wall		9.15
02 41 16 13-0034	SF	Demo 10" Thick Reinforced Concrete Foundation Wall		10.83
02 41 16 13-0035	SF	Demo 12" Thick Reinforced Concrete Foundation Wall		12.81
02 41 16 13-0036	SF	Demo 16" Thick Reinforced Concrete Foundation Wall		14.63

02 41 16 13-0037 Demolition Of Concrete Block Foundations *(02 41 16 13-0021)*

02 41 16 13-0038	SF	Demo 4" Thick Non Reinforced Concrete Block Foundation Wall		3.36
02 41 16 13-0039	SF	Demo 6" Thick Non Reinforced Concrete Block Foundation Wall		3.58
02 41 16 13-0040	SF	Demo 8" Thick Non Reinforced Concrete Block Foundation Wall		4.04
02 41 16 13-0041	SF	Demo 10" Thick Non Reinforced Concrete Block Foundation Wall		4.65
02 41 16 13-0042	SF	Demo 12" Thick Non Reinforced Concrete Block Foundation Wall		5.18
02 41 16 13-0043	SF	Demo 16" Thick Non Reinforced Concrete Block Foundation Wall		6.48
02 41 16 13-0044	SF	Demo 4" Thick Reinforced Concrete Block Foundation Wall		4.02
02 41 16 13-0045	SF	Demo 6" Thick Reinforced Concrete Block Foundation Wall		4.30
02 41 16 13-0046	SF	Demo 8" Thick Reinforced Concrete Block Foundation Wall		4.85
02 41 16 13-0047	SF	Demo 10" Thick Reinforced Concrete Block Foundation Wall		5.58
02 41 16 13-0048	SF	Demo 12" Thick Reinforced Concrete Block Foundation Wall		6.22
02 41 16 13-0049	SF	Demo 16" Thick Reinforced Concrete Block Foundation Wall		7.77

02 41 16 13-0050 Demolition Of Brick Foundations *(02 41 16 13-0021)*

02 41 16 13-0051	SF	Demo 4" Thick Brick Foundation Wall		3.36
02 41 16 13-0052	SF	Demo 6" Thick Brick Foundation Wall		3.58
02 41 16 13-0053	SF	Demo 8" Thick Brick Foundation Wall		4.04
02 41 16 13-0054	SF	Demo 10" Thick Brick Foundation Wall		4.65
02 41 16 13-0055	SF	Demo 12" Thick Brick Foundation Wall		5.18
02 41 16 13-0056	SF	Demo 16" Thick Brick Foundation Wall		6.48

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

02 41 16 13-0058	CF	Demo Stone Building Footing Or Foundation Wall		13.03

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

02 41 16 13-0060	CF	Demo Concrete Footing For Fence, Gate Or Playground Equipment Post, Etc. Note: Includes excavation.		10.88

02 41 19 Selective Demolition *(02 41)*

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

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

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

02 41 19 13-0002	LF	Saw Cut Bituminous Paving Up To 4" Depth		1.71
		For Each Additional Pass (Depth To 3"), Add	*0.64*	
		For >250, Deduct	*-0.16*	
02 41 19 13-0003	LF	Saw Cut Brick Masonry Up To 4" Depth		6.01
		For Each Additional Pass (Depth To 3"), Add	*2.35*	
		For >250, Deduct	*-0.58*	
02 41 19 13-0004	LF	Saw Cut Concrete Block Up To 4" Depth		5.46
		For Each Additional Pass (Depth To 3"), Add	*2.13*	
		For >250, Deduct	*-0.53*	
02 41 19 13-0005	LF	Saw Cut Concrete Slab Or Paving Up To 4" Depth		2.00
		For Each Additional Pass (Depth To 3"), Add	*0.74*	
		For >250, Deduct	*-0.18*	
02 41 19 13-0006	LF	Saw Cut Welded Wire Reinforced Concrete Slab Up To 4" Depth		2.60
		For Each Additional Pass (Depth To 3"), Add	*0.97*	
		For >250, Deduct	*-0.24*	
02 41 19 13-0007	LF	Saw Cut Rod Reinforced Concrete Slab Up To 4" Depth		4.15
		For Each Additional Pass (Depth To 3"), Add	*1.58*	
		For >250, Deduct	*-0.39*	
02 41 19 13-0008	LF	Saw Cut Plain Concrete Walls Up To 4" Depth		7.65
		For Each Additional Pass (Depth To 3"), Add	*3.00*	
		For >250, Deduct	*-0.75*	
02 41 19 13-0009	LF	Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth		10.28
		For Each Additional Pass (Depth To 3"), Add	*4.03*	
		For >250, Deduct	*-1.00*	
02 41 19 13-0010	LF	Saw Cut In Streets, Concrete And Asphalt Up To 4" Depth		1.89
		For Each Additional Pass (Depth To 3"), Add	*0.70*	
		For >250, Deduct	*-0.17*	
02 41 19 13-0011	LF	Saw Cut Igneous Stone Pavements Up To 4" Depth		5.49
		For Each Additional Pass (Depth To 3"), Add	*2.14*	
		For >250, Deduct	*-0.53*	
02 41 19 13-0012	LF	Saw Cut Sedimentary Stone Pavements Up To 4" Depth		5.49
		For Each Additional Pass (Depth To 3"), Add	*2.14*	
		For >250, Deduct	*-0.53*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0013	LF	Saw Cut Metamorphic Stone Pavements Up To 4" Depth	5.49	
		For Each Additional Pass (Depth To 3"), Add	*2.14*	
		For >250, Deduct	*-0.53*	
02 41 19 13-0014	LF	Saw Cut Terrazzo Stone Pavements Up To 4" Depth	5.49	
		For Each Additional Pass (Depth To 3"), Add	*2.14*	
		For >250, Deduct	*-0.53*	
02 41 19 13-0015	LF	Torch Cut Steel Plate Up To 1" Thick	4.66	
		Note: Includes grinding edge		
02 41 19 13-0016	EA	Saw Cut Minimum Charge	668.08	
		Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		

02 41 19 13-0017 Drilling *(02 41 19 13)*

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

02 41 19 13-0018 Concrete Core Drilling *(02 41 19 13-0017)*

02 41 19 13-0019 Up To 4" Thick Concrete Core Drilling *(02 41 19 13-0018)*

02 41 19 13-0020	EA	Drill 2" Diameter Core In Up To 4" Concrete	37.89	
		For Horizontal Cores, Add	*6.94*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*13.88*	
02 41 19 13-0021	EA	Drill 3" Diameter Core In Up To 4" Concrete	53.84	
		For Horizontal Cores, Add	*9.92*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*19.83*	
02 41 19 13-0022	EA	Drill 4" Diameter Core In Up To 4" Concrete	72.18	
		For Horizontal Cores, Add	*13.29*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*26.57*	
02 41 19 13-0023	EA	Drill 6" Diameter Core In Up To 4" Concrete	81.61	
		For Horizontal Cores, Add	*14.87*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*29.75*	
02 41 19 13-0024	EA	Drill 8" Diameter Core In Up To 4" Concrete	128.91	
		For Horizontal Cores, Add	*23.80*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*47.60*	
02 41 19 13-0025	EA	Drill 10" Diameter Core In Up To 4" Concrete	162.26	
		For Horizontal Cores, Add	*29.75*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*59.49*	
02 41 19 13-0026	EA	Drill 12" Diameter Core In Up To 4" Concrete	189.74	
		For Horizontal Cores, Add	*34.71*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*69.41*	
02 41 19 13-0027	EA	Drill 14" Diameter Core In Up To 4" Concrete	217.60	
		For Horizontal Cores, Add	*39.66*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*79.32*	
02 41 19 13-0028	EA	Drill 18" Diameter Core In Up To 4" Concrete	247.86	
		For Horizontal Cores, Add	*44.61*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*89.23*	

02 41 19 13-0029 >4" To 6" Thick Concrete Core Drilling *(02 41 19 13-0018)*

02 41 19 13-0030	EA	Drill 2" Diameter Core In >4" To 6" Concrete	54.43	
		For Horizontal Cores, Add	*9.91*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*19.83*	
02 41 19 13-0031	EA	Drill 3" Diameter Core In >4" To 6" Concrete	66.16	
		For Horizontal Cores, Add	*11.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*23.80*	
02 41 19 13-0032	EA	Drill 4" Diameter Core In >4" To 6" Concrete	83.20	
		For Horizontal Cores, Add	*14.87*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*29.75*	
02 41 19 13-0033	EA	Drill 6" Diameter Core In >4" To 6" Concrete	110.14	
		For Horizontal Cores, Add	*19.83*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*39.66*	
02 41 19 13-0034	EA	Drill 8" Diameter Core In >4" To 6" Concrete	163.74	
		For Horizontal Cores, Add	*29.75*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*59.49*	
02 41 19 13-0035	EA	Drill 10" Diameter Core In >4" To 6" Concrete	193.76	
		For Horizontal Cores, Add	*34.71*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*69.41*	
02 41 19 13-0036	EA	Drill 12" Diameter Core In >4" To 6" Concrete	222.55	
		For Horizontal Cores, Add	*39.66*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*79.32*	
02 41 19 13-0037	EA	Drill 14" Diameter Core In >4" To 6" Concrete	252.55	
		For Horizontal Cores, Add	*44.61*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*89.23*	
02 41 19 13-0038	EA	Drill 18" Diameter Core In >4" To 6" Concrete	286.06	
		For Horizontal Cores, Add	*49.57*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*99.15*	

02 41 19 13-0039 >6" To 8" Thick Concrete Core Drilling *(02 41 19 13-0018)*

02 41 19 13-0040	EA	Drill 2" Diameter Core In >6" To 8" Concrete	61.14	
		For Horizontal Cores, Add	*10.91*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*21.81*	
02 41 19 13-0041	EA	Drill 3" Diameter Core In >6" To 8" Concrete	73.54	
		For Horizontal Cores, Add	*12.89*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.78*	
02 41 19 13-0042	EA	Drill 4" Diameter Core In >6" To 8" Concrete	96.19	
		For Horizontal Cores, Add	*16.86*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*33.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0043	EA	Drill 6" Diameter Core In >6" To 8" Concrete	133.73	
		For Horizontal Cores, Add	*23.80*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*47.60*	
02 41 19 13-0044	EA	Drill 8" Diameter Core In >6" To 8" Concrete	218.40	
		For Horizontal Cores, Add	*39.66*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*79.32*	
02 41 19 13-0045	EA	Drill 10" Diameter Core In >6" To 8" Concrete	250.00	
		For Horizontal Cores, Add	*44.61*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*89.23*	
02 41 19 13-0046	EA	Drill 12" Diameter Core In >6" To 8" Concrete	280.16	
		For Horizontal Cores, Add	*49.57*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*99.15*	
02 41 19 13-0047	EA	Drill 14" Diameter Core In >6" To 8" Concrete	312.28	
		For Horizontal Cores, Add	*54.52*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*109.05*	
02 41 19 13-0048	EA	Drill 18" Diameter Core In >6" To 8" Concrete	349.05	
		For Horizontal Cores, Add	*59.49*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*118.98*	

02 41 19 13-0049 >8" To 10" Thick Concrete Core Drilling *(02 41 19 13-0018)*

02 41 19 13-0050	EA	Drill 2" Diameter Core In >8" To 10" Concrete	72.80	
		For Horizontal Cores, Add	*12.89*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.78*	
02 41 19 13-0051	EA	Drill 3" Diameter Core In >8" To 10" Concrete	85.87	
		For Horizontal Cores, Add	*14.87*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*29.75*	
02 41 19 13-0052	EA	Drill 4" Diameter Core In >8" To 10" Concrete	99.27	
		For Horizontal Cores, Add	*16.86*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*33.71*	
02 41 19 13-0053	EA	Drill 6" Diameter Core In >8" To 10" Concrete	137.48	
		For Horizontal Cores, Add	*23.80*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*47.60*	
02 41 19 13-0054	EA	Drill 8" Diameter Core In >8" To 10" Concrete	223.49	
		For Horizontal Cores, Add	*39.66*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*79.32*	
02 41 19 13-0055	EA	Drill 10" Diameter Core In >8" To 10" Concrete	256.70	
		For Horizontal Cores, Add	*44.61*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*89.23*	
02 41 19 13-0056	EA	Drill 12" Diameter Core In >8" To 10" Concrete	288.16	
		For Horizontal Cores, Add	*49.57*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*99.13*	
02 41 19 13-0057	EA	Drill 14" Diameter Core In >8" To 10" Concrete	322.47	
		For Horizontal Cores, Add	*54.52*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*109.05*	
02 41 19 13-0058	EA	Drill 18" Diameter Core In >8" To 10" Concrete	362.39	
		For Horizontal Cores, Add	*59.48*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*118.96*	

02 41 19 13-0059 >10" To 12" Thick Concrete Core Drilling *(02 41 19 13-0018)*

02 41 19 13-0060	EA	Drill 2" Diameter Core In >10" To 12" Concrete	79.50	
		For Horizontal Cores, Add	*13.88*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*27.76*	
02 41 19 13-0061	EA	Drill 3" Diameter Core In >10" To 12" Concrete	88.28	
		For Horizontal Cores, Add	*14.87*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*29.75*	
02 41 19 13-0062	EA	Drill 4" Diameter Core In >10" To 12" Concrete	117.23	
		For Horizontal Cores, Add	*19.83*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*39.66*	
02 41 19 13-0063	EA	Drill 6" Diameter Core In >10" To 12" Concrete	151.15	
		For Horizontal Cores, Add	*25.78*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*51.56*	
02 41 19 13-0064	EA	Drill 8" Diameter Core In >10" To 12" Concrete	238.50	
		For Horizontal Cores, Add	*41.64*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*83.29*	
02 41 19 13-0065	EA	Drill 10" Diameter Core In >10" To 12" Concrete	263.40	
		For Horizontal Cores, Add	*44.61*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*89.23*	
02 41 19 13-0066	EA	Drill 12" Diameter Core In >10" To 12" Concrete	306.19	
		For Horizontal Cores, Add	*51.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*103.13*	

02 41 19 13-0067 >12" Thick Concrete Core Drilling *(02 41 19 13-0018)*

02 41 19 13-0068	IN	Drill 2" Diameter Core In >12" Concrete	9.33	
		For Horizontal Cores, Add	*1.70*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.40*	
02 41 19 13-0069	IN	Drill 3" Diameter Core In >12" Concrete	10.45	
		For Horizontal Cores, Add	*1.86*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.72*	
02 41 19 13-0070	IN	Drill 4" Diameter Core In >12" Concrete	13.90	
		For Horizontal Cores, Add	*2.48*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.96*	
02 41 19 13-0071	IN	Drill 6" Diameter Core In >12" Concrete	17.98	
		For Horizontal Cores, Add	*3.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*6.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0072	IN	Drill 8" Diameter Core In >12" Concrete	28.57	
		For Horizontal Cores, Add	*5.21*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*10.42*	
02 41 19 13-0073	IN	Drill 10" Diameter Core In >12" Concrete	31.37	
		For Horizontal Cores, Add	*5.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*11.20*	
02 41 19 13-0074	IN	Drill 12" Diameter Core In >12" Concrete	36.27	
		For Horizontal Cores, Add	*6.45*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*12.90*	

02 41 19 13-0075 Brick/Concrete Block Core Drilling *(02 41 19 13-0017)*

02 41 19 13-0076 Up To 4" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0075)*

02 41 19 13-0077	EA	Drill 2" Diameter Core In Up To 4" Brick/Concrete Block	30.95	
		For Horizontal Cores, Add	*5.55*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*11.11*	
02 41 19 13-0078	EA	Drill 3" Diameter Core In Up To 4" Brick/Concrete Block	43.92	
		For Horizontal Cores, Add	*7.93*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*15.86*	
02 41 19 13-0079	EA	Drill 4" Diameter Core In Up To 4" Brick/Concrete Block	58.90	
		For Horizontal Cores, Add	*10.63*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*21.26*	
02 41 19 13-0080	EA	Drill 6" Diameter Core In Up To 4" Brick/Concrete Block	66.73	
		For Horizontal Cores, Add	*11.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*23.80*	
02 41 19 13-0081	EA	Drill 8" Diameter Core In Up To 4" Brick/Concrete Block	105.11	
		For Horizontal Cores, Add	*19.04*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*38.08*	
02 41 19 13-0082	EA	Drill 10" Diameter Core In Up To 4" Brick/Concrete Block	132.52	
		For Horizontal Cores, Add	*23.80*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*47.60*	
02 41 19 13-0083	EA	Drill 12" Diameter Core In Up To 4" Brick/Concrete Block	155.04	
		For Horizontal Cores, Add	*27.77*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*55.53*	
02 41 19 13-0084	EA	Drill 14" Diameter Core In Up To 4" Brick/Concrete Block	177.94	
		For Horizontal Cores, Add	*31.73*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*63.46*	
02 41 19 13-0085	EA	Drill 18" Diameter Core In Up To 4" Brick/Concrete Block	203.25	
		For Horizontal Cores, Add	*35.69*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*71.38*	

02 41 19 13-0086 >4" To 6" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0075)*

02 41 19 13-0087	EA	Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block	44.52	
		For Horizontal Cores, Add	*7.93*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*15.86*	
02 41 19 13-0088	EA	Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block	54.26	
		For Horizontal Cores, Add	*9.52*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*19.04*	
02 41 19 13-0089	EA	Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block	68.32	
		For Horizontal Cores, Add	*11.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*23.80*	
02 41 19 13-0090	EA	Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block	90.31	
		For Horizontal Cores, Add	*15.86*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.73*	
02 41 19 13-0091	EA	Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block	134.00	
		For Horizontal Cores, Add	*23.80*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*47.60*	
02 41 19 13-0092	EA	Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block	159.06	
		For Horizontal Cores, Add	*27.77*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*55.53*	
02 41 19 13-0093	EA	Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block	182.89	
		For Horizontal Cores, Add	*31.73*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*63.46*	
02 41 19 13-0094	EA	Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block	207.94	
		For Horizontal Cores, Add	*35.69*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*71.38*	
02 41 19 13-0095	EA	Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block	236.50	
		For Horizontal Cores, Add	*39.66*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*79.32*	

02 41 19 13-0096 >6" To 8" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0075)*

02 41 19 13-0097	EA	Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block	50.24	
		For Horizontal Cores, Add	*8.73*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*17.45*	
02 41 19 13-0098	EA	Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block	60.65	
		For Horizontal Cores, Add	*10.31*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*20.62*	
02 41 19 13-0099	EA	Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block	79.34	
		For Horizontal Cores, Add	*13.49*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*26.97*	
02 41 19 13-0100	EA	Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block	109.93	
		For Horizontal Cores, Add	*19.04*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*38.08*	
02 41 19 13-0101	EA	Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block	178.74	
		For Horizontal Cores, Add	*31.73*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*63.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0102	EA	Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block	205.39	
		For Horizontal Cores, Add	*35.69*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*71.38*	
02 41 19 13-0103	EA	Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block	230.60	
		For Horizontal Cores, Add	*39.66*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*79.32*	
02 41 19 13-0104	EA	Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block	257.75	
		For Horizontal Cores, Add	*43.62*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*87.24*	
02 41 19 13-0105	EA	Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block	289.56	
		For Horizontal Cores, Add	*47.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*95.19*	

02 41 19 13-0106 >8" To 10" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0075)*

02 41 19 13-0107	EA	Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block	59.91	
		For Horizontal Cores, Add	*10.31*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*20.62*	
02 41 19 13-0108	EA	Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block	70.99	
		For Horizontal Cores, Add	*11.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*23.80*	
02 41 19 13-0109	EA	Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block	82.42	
		For Horizontal Cores, Add	*13.49*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*26.97*	
02 41 19 13-0110	EA	Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block	113.68	
		For Horizontal Cores, Add	*19.04*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*38.08*	
02 41 19 13-0111	EA	Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block	183.83	
		For Horizontal Cores, Add	*31.73*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*63.46*	
02 41 19 13-0112	EA	Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block	212.09	
		For Horizontal Cores, Add	*35.69*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*71.38*	
02 41 19 13-0113	EA	Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block	238.59	
		For Horizontal Cores, Add	*39.65*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*79.30*	
02 41 19 13-0114	EA	Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block	267.94	
		For Horizontal Cores, Add	*43.62*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*87.24*	
02 41 19 13-0115	EA	Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block	302.91	
		For Horizontal Cores, Add	*47.58*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*95.17*	

02 41 19 13-0116 >10" To 12" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0075)*

02 41 19 13-0117	EA	Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block	65.61	
		For Horizontal Cores, Add	*11.10*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*22.21*	
02 41 19 13-0118	EA	Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block	73.40	
		For Horizontal Cores, Add	*11.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*23.80*	
02 41 19 13-0119	EA	Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block	97.40	
		For Horizontal Cores, Add	*15.86*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.73*	
02 41 19 13-0120	EA	Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block	125.37	
		For Horizontal Cores, Add	*20.63*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*41.25*	
02 41 19 13-0121	EA	Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block	196.86	
		For Horizontal Cores, Add	*33.32*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*66.63*	
02 41 19 13-0122	EA	Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block	218.79	
		For Horizontal Cores, Add	*35.69*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*71.38*	
02 41 19 13-0123	EA	Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block	254.62	
		For Horizontal Cores, Add	*41.25*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*82.50*	

02 41 19 13-0124 >12" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0075)*

02 41 19 13-0125	IN	Drill 2" Diameter Core In >12" Brick/Concrete Block	7.63	
		For Horizontal Cores, Add	*1.36*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*2.72*	
02 41 19 13-0126	IN	Drill 3" Diameter Core In >12" Brick/Concrete Block	8.59	
		For Horizontal Cores, Add	*1.49*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*2.97*	
02 41 19 13-0127	IN	Drill 4" Diameter Core In >12" Brick/Concrete Block	11.42	
		For Horizontal Cores, Add	*1.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.96*	
02 41 19 13-0128	IN	Drill 6" Diameter Core In >12" Brick/Concrete Block	14.75	
		For Horizontal Cores, Add	*2.58*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*5.16*	
02 41 19 13-0129	IN	Drill 8" Diameter Core In >12" Brick/Concrete Block	23.36	
		For Horizontal Cores, Add	*4.17*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*8.34*	
02 41 19 13-0130	IN	Drill 10" Diameter Core In >12" Brick/Concrete Block	25.76	
		For Horizontal Cores, Add	*4.48*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*8.96*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0131	IN	Drill 12" Diameter Core In >12" Brick/Concrete Block	29.82	
		For Horizontal Cores, Add	*5.16*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*10.32*	

02 41 19 13-0132 Asphalt Core Drilling *(02 41 19 13-0017)*

02 41 19 13-0133 Up To 2" Thick Asphalt Core Drilling *(02 41 19 13-0132)*

02 41 19 13-0134	EA	Drill 1" Diameter Core In Up To 2" Asphalt	14.18
02 41 19 13-0135	EA	Drill 1-1/2" Diameter Core In Up To 2" Asphalt	17.77
02 41 19 13-0136	EA	Drill 2" Diameter Core In Up To 2" Asphalt	22.23
02 41 19 13-0137	EA	Drill 3" Diameter Core In Up To 2" Asphalt	27.65
02 41 19 13-0138	EA	Drill 4" Diameter Core In Up To 2" Asphalt	34.84
02 41 19 13-0139	EA	Drill 6" Diameter Core In Up To 2" Asphalt	43.79
02 41 19 13-0140	EA	Drill 8" Diameter Core In Up To 2" Asphalt	54.78
02 41 19 13-0141	EA	Drill 10" Diameter Core In Up To 2" Asphalt	67.96
02 41 19 13-0142	EA	Drill 12" Diameter Core In Up To 2" Asphalt	84.77

02 41 19 13-0143 >2" To 3" Thick Asphalt Core Drilling *(02 41 19 13-0132)*

02 41 19 13-0144	EA	Drill 1" Diameter Core In >2" To 3" Asphalt	17.71
02 41 19 13-0145	EA	Drill 1-1/2" Diameter Core In >2" To 3" Asphalt	23.00
02 41 19 13-0146	EA	Drill 2" Diameter Core In >2" To 3" Asphalt	28.29
02 41 19 13-0147	EA	Drill 3" Diameter Core In >2" To 3" Asphalt	35.48
02 41 19 13-0148	EA	Drill 4" Diameter Core In >2" To 3" Asphalt	44.44
02 41 19 13-0149	EA	Drill 6" Diameter Core In >2" To 3" Asphalt	56.01
02 41 19 13-0150	EA	Drill 8" Diameter Core In >2" To 3" Asphalt	69.66
02 41 19 13-0151	EA	Drill 10" Diameter Core In >2" To 3" Asphalt	87.20
02 41 19 13-0152	EA	Drill 12" Diameter Core In >2" To 3" Asphalt	108.39

02 41 19 13-0153 >3" To 4" Thick Asphalt Core Drilling *(02 41 19 13-0132)*

02 41 19 13-0154	EA	Drill 1" Diameter Core In >3" To 4" Asphalt	23.07
02 41 19 13-0155	EA	Drill 1-1/2" Diameter Core In >3" To 4" Asphalt	29.35
02 41 19 13-0156	EA	Drill 2" Diameter Core In >3" To 4" Asphalt	36.40
02 41 19 13-0157	EA	Drill 3" Diameter Core In >3" To 4" Asphalt	45.42
02 41 19 13-0158	EA	Drill 4" Diameter Core In >3" To 4" Asphalt	57.18
02 41 19 13-0159	EA	Drill 6" Diameter Core In >3" To 4" Asphalt	71.51
02 41 19 13-0160	EA	Drill 8" Diameter Core In >3" To 4" Asphalt	89.82
02 41 19 13-0161	EA	Drill 10" Diameter Core In >3" To 4" Asphalt	111.81
02 41 19 13-0162	EA	Drill 12 Diameter Core In >3" To 4" Asphalt	139.25

02 41 19 13-0163 >4" To 6" Thick Asphalt Core Drilling *(02 41 19 13-0132)*

02 41 19 13-0164	EA	Drill 1" Diameter Core In >4" To 6" Asphalt	30.38
02 41 19 13-0165	EA	Drill 1-1/2" Diameter Core In >4" To 6" Asphalt	37.65
02 41 19 13-0166	EA	Drill 2" Diameter Core In >4" To 6" Asphalt	46.53
02 41 19 13-0167	EA	Drill 3" Diameter Core In >4" To 6" Asphalt	59.35
02 41 19 13-0168	EA	Drill 4" Diameter Core In >4" To 6" Asphalt	74.01
02 41 19 13-0169	EA	Drill 6" Diameter Core In >4" To 6" Asphalt	92.05
02 41 19 13-0170	EA	Drill 8" Diameter Core In >4" To 6" Asphalt	116.12
02 41 19 13-0171	EA	Drill 10" Diameter Core In >4" To 6" Asphalt	144.41
02 41 19 13-0172	EA	Drill 12" Diameter Core In >4" To 6" Asphalt	180.11

02 41 19 13-0173 Manhole Core Drilling *(02 41 19 13-0017)*

02 41 19 13-0174	EA	Drill 4" Diameter Core In 6" Brick Manhole	154.69
02 41 19 13-0175	EA	Drill 5" Diameter Core In 6" Brick Manhole	176.69
02 41 19 13-0176	EA	Drill 6" Diameter Core In 6" Brick Manhole	205.67
02 41 19 13-0177	EA	Drill 8" Diameter Core In 6" Brick Manhole	307.51
02 41 19 13-0178	EA	Drill 2" Diameter Core In 8" Concrete Manhole	206.02
02 41 19 13-0179	EA	Drill 3" Diameter Core In 8" Concrete Manhole	221.24
02 41 19 13-0180	EA	Drill 4" Diameter Core In 8" Concrete Manhole	245.26
02 41 19 13-0181	EA	Drill 5" Diameter Core In 8" Concrete Manhole	263.65
02 41 19 13-0182	EA	Drill 6" Diameter Core In 8" Concrete Manhole	311.74
02 41 19 13-0183	EA	Drill 8" Diameter Core In 8" Concrete Manhole	444.38
02 41 19 13-0184	EA	Drill 2" Diameter Core In Fiberglass Manhole	19.95
02 41 19 13-0185	EA	Drill 3" Diameter Core In Fiberglass Manhole	23.07
02 41 19 13-0186	EA	Drill 4" Diameter Core In Fiberglass Manhole	25.04
02 41 19 13-0187	EA	Drill 5" Diameter Core In Fiberglass Manhole	27.32
02 41 19 13-0188	EA	Drill 6" Diameter Core In Fiberglass Manhole	30.05
02 41 19 13-0189	EA	Drill 8" Diameter Core In Fiberglass Manhole	33.43

02 41 19 13-0190 Drilling In Concrete Per Inch Of Depth *(02 41 19 13-0017)*

Note: Includes layout.

02 41 19 13-0191	IN	1/4" Diameter Drilling In Concrete Per Inch Of Depth	1.75
02 41 19 13-0192	IN	3/8" Diameter Drilling In Concrete Per Inch Of Depth	1.84
02 41 19 13-0193	IN	1/2" Diameter Drilling In Concrete Per Inch Of Depth	1.97
02 41 19 13-0194	IN	5/8" Diameter Drilling In Concrete Per Inch Of Depth	2.10
02 41 19 13-0195	IN	3/4" Diameter Drilling In Concrete Per Inch Of Depth	2.30
02 41 19 13-0196	IN	7/8" Diameter Drilling In Concrete Per Inch Of Depth	2.50
02 41 19 13-0197	IN	1" Diameter Drilling In Concrete Per Inch Of Depth	2.63
02 41 19 13-0198	IN	1-1/4" Diameter Drilling In Concrete Per Inch Of Depth	2.91
02 41 19 13-0199	IN	1-1/2" Diameter Drilling In Concrete Per Inch Of Depth	3.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 41 19 13-0200 Drilling In Brick/Concrete Block Per Inch Of Depth *(02 41 19 13-0017)*

Note: Includes layout.

02 41 19 13-0201	IN	1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.47	
02 41 19 13-0202	IN	3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.55	
02 41 19 13-0203	IN	1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.66	
02 41 19 13-0204	IN	5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.76	
02 41 19 13-0205	IN	3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.93	
02 41 19 13-0206	IN	7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.10	
02 41 19 13-0207	IN	1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.21	
02 41 19 13-0208	IN	1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.44	
02 41 19 13-0209	IN	1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.75	

02 41 19 13-0210 Drilling In Wood Or Plastic Per Inch Of Depth *(02 41 19 13-0017)*

Note: Includes layout.

02 41 19 13-0211	IN	1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.72	
02 41 19 13-0212	IN	3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.76	
02 41 19 13-0213	IN	1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.81	
02 41 19 13-0214	IN	5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.86	
02 41 19 13-0215	IN	3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.94	
02 41 19 13-0216	IN	7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.02	
02 41 19 13-0217	IN	1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.08	
02 41 19 13-0218	IN	1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.19	
02 41 19 13-0219	IN	1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.34	

02 41 19 13-0220 Minimum Charge For Core Drilling *(02 41 19 13-0017)*

02 41 19 13-0221	EA	Core Drill Minimum Charge Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth".	456.49	

02 41 19 13-0222 Cutouts *(02 41 19 13)*

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

02 41 19 13-0223 Reinforced Concrete Slab On Grade Cutouts *(02 41 19 13-0222)*

02 41 19 13-0224	SF	4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	37.90	
02 41 19 13-0225	SF	6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	40.19	
02 41 19 13-0226	SF	8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	42.49	
02 41 19 13-0227	SF	10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	44.78	
02 41 19 13-0228	SF	12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	45.93	

02 41 19 13-0229 Reinforced Concrete Elevated Slab Cutouts *(02 41 19 13-0222)*

Note: Includes cutting and removing steel decking.

02 41 19 13-0230	SF	4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	46.18	
02 41 19 13-0231	SF	6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	48.98	
02 41 19 13-0232	SF	8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	51.78	
02 41 19 13-0233	SF	10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	54.58	
02 41 19 13-0234	SF	12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	55.97	

02 41 19 13-0235 Reinforced Concrete Wall Cutouts *(02 41 19 13-0222)*

02 41 19 13-0236	SF	4" Thick Reinforced Concrete Wall Cutouts, <24 SF	47.36	
02 41 19 13-0237	SF	6" Thick Reinforced Concrete Wall Cutouts, <24 SF	50.24	
02 41 19 13-0238	SF	8" Thick Reinforced Concrete Wall Cutouts, <24 SF	53.10	
02 41 19 13-0239	SF	10" Thick Reinforced Concrete Wall Cutouts, <24 SF	55.97	
02 41 19 13-0240	SF	12" Thick Reinforced Concrete Wall Cutouts, <24 SF	57.41	

02 41 19 13-0241 Brick Wall Cutouts *(02 41 19 13-0222)*

Note: Excludes toothing.

02 41 19 13-0242	SF	4" Thick Brick Wall Cutouts, <24 SF	14.35	
02 41 19 13-0243	SF	6" Thick Brick Wall Cutouts, <24 SF	23.69	
02 41 19 13-0244	SF	8" Thick Brick Wall Cutouts, <24 SF	32.98	
02 41 19 13-0245	SF	10" Thick Brick Wall Cutouts, <24 SF	40.19	
02 41 19 13-0246	SF	12" Thick Brick Wall Cutouts, <24 SF	48.08	
02 41 19 13-0247	SF	16" Thick Brick Wall Cutouts, <24 SF	56.70	

02 41 19 13-0248 Concrete Block Wall Cutouts *(02 41 19 13-0222)*

Note: Excludes toothing.

02 41 19 13-0249	SF	4" Thick Concrete Block Wall Cutouts, <24 SF	23.74	
02 41 19 13-0250	SF	6" Thick Concrete Block Wall Cutouts, <24 SF	25.14	
02 41 19 13-0251	SF	8" Thick Concrete Block Wall Cutouts, <24 SF	26.55	
02 41 19 13-0252	SF	10" Thick Concrete Block Wall Cutouts, <24 SF	27.99	
02 41 19 13-0253	SF	12" Thick Concrete Block Wall Cutouts, <24 SF	28.70	
02 41 19 13-0254	SF	16" Thick Concrete Block Wall Cutouts, <24 SF	30.15	

02 41 19 13-0255 Limestone Cutouts *(02 41 19 13-0222)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0256	SF	2" Thick Limestone Cutouts, <24 SF	40.19	
02 41 19 13-0257	SF	4" Thick Limestone Cutouts, <24 SF	48.80	
02 41 19 13-0258	SF	6" Thick Limestone Cutouts, <24 SF	51.67	
02 41 19 13-0259	SF	8" Thick Limestone Cutouts, <24 SF	54.54	
02 41 19 13-0260	SF	10" Thick Limestone Cutouts, <24 SF	57.41	
02 41 19 13-0261	SF	12" Thick Limestone Cutouts, <24 SF	60.28	

02 41 19 13-0262 Toothing Masonry Cutouts *(02 41 19 13-0222)*

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

02 41 19 13-0263	VLF	Brick, Soft Old Mortar, Toothing Masonry Cutouts	14.35	
02 41 19 13-0264	VLF	Brick, Hard Mortar, Toothing Masonry Cutouts	19.38	
02 41 19 13-0265	VLF	Concrete Block, Soft Old Mortar, Toothing Masonry Cutouts	8.61	
02 41 19 13-0266	VLF	Concrete Block, Hard Mortar, Toothing Masonry Cutouts	11.48	

02 41 19 13-0267 Minimum Charge For Cutouts *(02 41 19 13-0222)*

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

02 41 19 13-0268	EA	Cutouts Minimum Charge	287.05	

02 41 19 13-0269 Exterior Masonry Removal *(02 41 19 13)*

02 41 19 13-0270 Masonry Columns Removal (Interior And Exterior) *(02 41 19 13-0269)*

02 41 19 13-0271	VLF	8" x 8" Masonry Column Removal	11.12	
02 41 19 13-0272	VLF	10" x 10" Masonry Column Removal	17.37	
02 41 19 13-0273	VLF	12" x 12" Masonry Column Removal	22.26	
02 41 19 13-0274	VLF	14" x 14" Masonry Column Removal	27.86	
02 41 19 13-0275	VLF	16" x 16" Masonry Column Removal	34.23	
02 41 19 13-0276	CF	Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square	19.21	

02 41 19 13-0277 Remove And Reset Precast, Stone Or Masonry Coping *(02 41 19 13-0269)*

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

02 41 19 13-0278	LF	Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping	13.05	
02 41 19 13-0279	LF	>8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping	19.67	
02 41 19 13-0280	LF	>12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping	37.90	

02 41 19 13-0281 Facade Removal *(02 41 19 13-0269)*

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

02 41 19 13-0282	SF	Stone Or Brick Veneer Facade Removal	4.23	
		For Cleaning and Storage For Reuse, Add		*3.17*

02 41 19 13-0283 Exterior Masonry Removal *(02 41 19 13-0269)*

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

02 41 19 13-0284	SF	Demo 4" Thick Non Reinforced Concrete Block Exterior Wall	3.73	
02 41 19 13-0285	SF	Demo 6" Thick Non Reinforced Concrete Block Exterior Wall	4.20	
02 41 19 13-0286	SF	Demo 8" Thick Non Reinforced Concrete Block Exterior Wall	5.08	
02 41 19 13-0287	SF	Demo 10" Thick Non Reinforced Concrete Block Exterior Wall	5.55	
02 41 19 13-0288	SF	Demo 12" Thick Non Reinforced Concrete Block Exterior Wall	6.09	
02 41 19 13-0289	SF	Demo 16" Thick Non Reinforced Concrete Block Exterior Wall	7.62	
02 41 19 13-0290	SF	Demo 4" Thick Reinforced Concrete Block Exterior Wall	4.40	
02 41 19 13-0291	SF	Demo 6" Thick Reinforced Concrete Block Exterior Wall	5.04	
02 41 19 13-0292	SF	Demo 8" Thick Reinforced Concrete Block Exterior Wall	6.09	
02 41 19 13-0293	SF	Demo 10" Thick Reinforced Concrete Block Exterior Wall	6.67	
02 41 19 13-0294	SF	Demo 12" Thick Reinforced Concrete Block Exterior Wall	7.31	
02 41 19 13-0295	SF	Demo 16" Thick Reinforced Concrete Block Exterior Wall	9.15	
02 41 19 13-0296	SF	Demo 4" Thick Brick Exterior Wall	3.73	
		For Cleaning and Storage For Reuse, Add		*2.80*
02 41 19 13-0297	SF	Demo 6" Thick Brick Exterior Wall	4.20	
		For Cleaning and Storage For Reuse, Add		*3.15*
02 41 19 13-0298	SF	Demo 8" Thick Brick Exterior Wall	5.08	
		For Cleaning and Storage For Reuse, Add		*3.81*
02 41 19 13-0299	SF	Demo 10" Thick Brick Exterior Wall	5.55	
		For Cleaning and Storage For Reuse, Add		*4.16*
02 41 19 13-0300	SF	Demo 12" Thick Brick Exterior Wall	6.09	
		For Cleaning and Storage For Reuse, Add		*4.57*
02 41 19 13-0301	SF	Demo 16" Thick Brick Exterior Wall	7.62	
		For Cleaning and Storage For Reuse, Add		*5.72*
02 41 19 13-0302	CF	Exterior Brick, Concrete Block Or Composite Removal	10.84	
		For Cleaning and Storage For Reuse, Add		*8.13*

02 41 19 13-0303 Roofing Removal *(02 41 19 13)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0304		Clay Tile Roof Remove And Salvage For Re-use *(02 41 19 13-0303)* Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.		
02 41 19 13-0305	SQ	Remove Clay Roof Tile, Salvage For Re-use		220.87
02 41 19 16		**Selective Interior Demolition** *(02 41 19)* Note: Includes break-up of material, loading into truck or dumpster and clean-up. Salvage tasks include placement on pallets and storage on site.		
02 41 19 16-0001		Floor Removal *(02 41 19 16)*		
02 41 19 16-0002		Remove And Salvage For Re-Use *(02 41 19 16-0001)* Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.		
02 41 19 16-0003	SF	Remove Brick Flooring And Salvage		2.01
02 41 19 16-0004	SF	Remove Ceramic/Quarry Tile Floor And Salvage		2.01
02 41 19 16-0005	SF	Remove Terrazzo Flooring And Salvage		2.78
02 41 19 16-0006	SF	Remove Wood Strip Flooring And Salvage		1.63
02 41 19 16-0007	SF	Remove Wood Parquet Flooring And Salvage		0.86
02 41 19 16-0008	SF	Remove Resilient/Linoleum Flooring And Salvage		0.62
02 41 19 16-0009		Scarify Concrete *(02 41 19 16-0001)* Note: Up to 1/4" removal per pass.		
02 41 19 16-0010	SF	Scarify Concrete Floor		0.23
02 41 19 16-0011	SF	Scarify Concrete Tread And Riser		1.89
02 41 19 16-0012	SF	Scarify Concrete Wall		1.71
02 41 19 16-0013		Fireproofing Removal *(02 41 19 16)*		
02 41 19 16-0014	SF	Remove Fireproofing From Concrete Or Steel		0.94
02 41 19 16-0015		Ceiling Removal *(02 41 19 16)*		
02 41 19 16-0016	SF	Demo Drywall Ceiling		0.73
02 41 19 16-0017	SF	Demo Furred Plastered Ceiling		1.70
02 41 19 16-0018	SF	Demo Suspended Plastered Ceiling And Suspension System		1.29
02 41 19 16-0019		Interior Partition/Wall Demolition *(02 41 19 16)* Note: Price includes knock down, loading, clean-up.		
02 41 19 16-0020		Demolition Of Masonry And Concrete Interior Partition/Walls *(02 41 19 16-0019)* Note: Includes saw cutting, knock down, loading and clean-up.		
02 41 19 16-0021		Demolition Of Concrete Block Interior Partition/Walls *(02 41 19 16-0020)*		
02 41 19 16-0022	SF	Demo 4" Thick Non Reinforced Concrete Block Interior Partition/Wall		3.94
02 41 19 16-0023	SF	Demo 6" Thick Non Reinforced Concrete Block Interior Partition/Wall		4.22
02 41 19 16-0024	SF	Demo 8" Thick Non Reinforced Concrete Block Interior Partition/Wall		4.75
02 41 19 16-0025	SF	Demo 12" Thick Non Reinforced Concrete Block Interior Partition/Wall		6.10
02 41 19 16-0026	SF	Demo 16" Thick Non Reinforced Concrete Block Interior Partition/Wall		7.63
02 41 19 16-0027	SF	Demo 4" Thick Reinforced Concrete Block Interior Partition/Wall		4.73
02 41 19 16-0028	SF	Demo 6" Thick Reinforced Concrete Block Interior Partition/Wall		5.06
02 41 19 16-0029	SF	Demo 8" Thick Reinforced Concrete Block Interior Partition/Wall		5.71
02 41 19 16-0030	SF	Demo 12" Thick Reinforced Concrete Block Interior Partition/Wall		7.32
02 41 19 16-0031	SF	Demo 16" Thick Reinforced Concrete Block Interior Partition/Wall		9.15
02 41 19 16-0032		Demolition Of Brick Interior Partition/Walls *(02 41 19 16-0020)*		
02 41 19 16-0033	SF	Demo 4" Thick Brick Interior Partition/Wall		3.94
02 41 19 16-0034	SF	Demo 8" Thick Brick Interior Partition/Wall		4.75
02 41 19 16-0035	SF	Demo 12" Thick Brick Interior Partition/Wall		6.09
02 41 19 16-0036	SF	Demo 16" Thick Brick Interior Partition/Wall		7.62
02 41 19 16-0037		Demolition Of Glass Block Interior Partition/Walls *(02 41 19 16-0020)*		
02 41 19 16-0038	SF	Demo 4" Thick Glass Block Interior Partition/Wall		3.39
02 41 19 16-0039		Demolition Of Concrete Interior Partition/Walls *(02 41 19 16-0020)* See CSI section 02 41 16 13-0021 for concrete foundation demolition.		
02 41 19 16-0040	SF	Demo 6" Thick Non Reinforced Concrete Interior Partition/Wall		7.61
02 41 19 16-0041	SF	Demo 8" Thick Non Reinforced Concrete Interior Partition/Wall		9.51
02 41 19 16-0042	SF	Demo 12" Thick Non Reinforced Concrete Interior Partition/Wall		13.31
02 41 19 16-0043	SF	Demo 6" Thick Reinforced Concrete Interior Partition/Wall		9.13
02 41 19 16-0044	SF	Demo 8" Thick Reinforced Concrete Interior Partition/Wall		11.48
02 41 19 16-0045	SF	Demo 12" Thick Reinforced Concrete Interior Partition/Wall		15.98
02 41 19 16-0046		Demolition Of Terra-Cotta Block Interior Partition/Walls *(02 41 19 16-0020)*		
02 41 19 16-0047	SF	Demo Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster		1.33
02 41 19 16-0048		Demolition Of Stud Framed Interior Partition/Walls *(02 41 19 16-0019)* Note: Includes knock down, loading and clean-up. Includes demo of insulation if required.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 16-0049	SF	Demo Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side	2.40	
		For Heights >14' To 20', Add	*0.36*	
		For Heights >20', Add	*0.48*	
02 41 19 16-0050	SF	Demo Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides	2.80	
		For Heights >14' To 20', Add	*0.42*	
		For Heights >20', Add	*0.56*	
02 41 19 16-0051	SF	Demo Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side	3.07	
		For Heights >14' To 20', Add	*0.46*	
		For Heights >20', Add	*0.61*	
02 41 19 16-0052	SF	Demo Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides	4.27	
		For Heights >14' To 20', Add	*0.64*	
		For Heights >20', Add	*0.85*	
02 41 19 16-0053	SF	Demo Plaster And Lath From 1 Side Of An Interior Partition/Wall	1.26	
		For Heights >14' To 20', Add	*0.19*	
		For Heights >20', Add	*0.25*	
02 41 19 16-0054	SF	Demo Plaster And Lath From 2 Sides Of An Interior Partition/Wall	1.50	
		For Heights >14' To 20', Add	*0.23*	
		For Heights >20', Add	*0.30*	

02 41 19 16-0055 Elevated Concrete Removal *(02 41 19 16)*

02 41 19 16-0056	CF	Elevated Concrete Beam/Slab/Steps Removal, Reinforced	9.62	

02 43 Structure Moving *(02 40)*

02 43 13 Structure Relocation *(02 43)*

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

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

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

02 43 13 00-0002	SF	Up To 800 SF, Move Relocatable Metal Frame Building	27.26	
02 43 13 00-0003	SF	>800 To 920 SF, Move Relocatable Metal Frame Building	25.76	
02 43 13 00-0004	SF	>920 SF, Move Relocatable Metal Frame Building	24.11	
02 43 13 00-0005	SF	Up To 800 SF, Move Relocatable Wood Frame Building	21.87	
02 43 13 00-0006	SF	>800 To 920 SF, Move Relocatable Wood Frame Building	20.43	
02 43 13 00-0007	SF	>920 SF, Move Relocatable Wood Frame Building	18.08	
02 43 13 00-0008	SF	Up To 800 SF, Move Relocatable Wood/Metal Frame Building	26.48	
02 43 13 00-0009	SF	>800 To 920 SF, Move Relocatable Wood/Metal Frame Building	24.11	
02 43 13 00-0010	SF	>920 SF, Move Relocatable Wood/Metal Frame Building	20.43	

02 43 13 00-0011 Move Structures, Complete *(02 43 13)*

Note: Based on ground floor SF. Includes resetting on new foundation and reconnecting utilities.

02 43 13 00-0012	SF	Move Wood Frame Building Based On Ground Floor Area	31.40	
		For Building >24' Wide, Add	*4.71*	
02 43 13 00-0013	SF	Move Concrete Or Masonry Building Based On Ground Floor Area	41.99	
		For Building >24' Wide, Add	*6.30*	
02 43 13 00-0014	SF	Move Steel Frame Building Based On Ground Floor Area	35.83	
		For Building >24' Wide, Add	*5.37*	

02 60 Contaminated Site Material Removal *(02)*

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

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

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

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

02 61 13 00-0002	CY	Excavate Contaminated Soil Note: Includes excavation, making a determination if the soil is reusable or contaminated, and stockpiling as per determination.	9.63	
02 61 13 00-0003	CY	Load Excavated Contaminated Soil	5.62	
02 61 13 00-0004	CY	Disposal Fees Of Contaminated Soil	44.32	

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

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

02 61 13 00-0006	SF	30 Mil Base Liner Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	0.85	
02 61 13 00-0007	SF	10 Mil Base Liner Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	0.61	

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

Note: Petroleum gasoline is classified as a hazardous material; fuel oil is considered a non-hazardous material. See CSI section 01 74 19 00-0030 for hauling, 31 20 00 00-0000 for non-contaminated soil excavation, 31 23 16 00-0000 for excavation, 31 41 00 00-0000 for shoring.

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

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

02 65 00 00-0003	EA	Collection Of Sludge Sample	15.48	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0004	EA	Collection Of Pumpable Liquids Sample	15.48	
02 65 00 00-0005	EA	Collection Of Contaminated Soil Sample	15.48	
02 65 00 00-0006		**Lab Tests For Underground Storage Tank Removal** *(02 65 00 00-0001)*		
		Note: Includes lab test fees, reports, shipping, handling, chain of custody documents and disposal of sample.		
02 65 00 00-0007	EA	Lab Test - Benzene, Toluene, Ethylbenzene, Xylene 8020	97.31	
		Note: The cost is for the in-lab test for Benzene, Toluene, Ethylbenzene, And Xylene using procedure 8020 as detailed in EPA SW-846.		
02 65 00 00-0008	EA	Lab Test - Flashpoint	37.84	
		Note: The cost is for the in-lab test for the flashpoint using procedure 40CFR 261.21 as detailed in EPA SW-846.		
02 65 00 00-0009	EA	Lab Test - TOX 9020	91.03	
		Note: The cost is for the in-lab test for total organic halides using procedure 9020 as detailed in EPA SW-846.		
02 65 00 00-0010	EA	Lab Test - TPH 8015 Modified	97.31	
		Note: The cost is for the in-lab test for total petroleum hydrocarbons by gas chromatography using procedure 8015 Mod. as detailed in EPA SW-846.		
02 65 00 00-0011	EA	Lab Test - TRPH 418.1	75.68	
		Note: The cost is for the in-lab test for total recoverable petroleum hydrocarbons using procedure 418.1 as detailed in EPA SW-846.		
02 65 00 00-0012	EA	Lab Test - VOC	205.43	
		Note: The cost is for the in-lab test for volatile organics using procedure 8240 as detailed in EPA SW-846.		
02 65 00 00-0013	EA	Lab Test - Semi-Volatile Organic	378.42	
		Note: The cost is for the in-lab test for semi-volatile organics using procedure 8270 as detailed in EPA SW-846.		
02 65 00 00-0014	EA	Lab Test - Oil And Grease 413.1	45.52	
		Note: The cost is for the in-lab test for oil and grease using procedure 413.1 as detailed in EPA SW-846.		
02 65 00 00-0015	EA	Lab Test - TCLP (Extraction) - Metals	81.09	
		Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.		
02 65 00 00-0016	EA	Lab Test - TCLP (Extraction) - Semi-Volatile Organic	108.12	
		Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.		
02 65 00 00-0017	EA	Lab Test - Metals 6010 RCRA	121.09	
		Note: The cost is for the in-lab test for metals using procedure 6010 RCRA as detailed in EPA SW-846.		
02 65 00 00-0018	EA	Lab Test - Metals (Arsenic) 7060	16.22	
		Note: The cost is for the in-lab test for the metal arsenic using procedure 7060 as detailed in EPA SW-846.		
02 65 00 00-0019	EA	Lab Test - Metals (Selenium) 7740	16.22	
		Note: The cost is for the in-lab test for the metal selenium (SE) using procedure 7740 as detailed in EPA SW-846.		
02 65 00 00-0020	EA	Lab Test - Metals (Lead) 7421	16.22	
		Note: The cost is for the in-lab test for the metal lead using procedure 7421 as detailed in EPA SW-846.		
02 65 00 00-0021	EA	Lab Test - Metals (Mercury) 7470	30.27	
		Note: The cost is for the in-lab test for the metal mercury using procedure 7470 as detailed in EPA SW-846.		
02 65 00 00-0022	EA	Lab Test - PNA/PAH 8100	172.99	
		Note: The cost is for the in-lab test for polynuclear aromatic hydrocarbons using procedure 8100 as detailed in EPA SW-846.		
02 65 00 00-0023	EA	Lab Test - Fuel Id ASTM D3328-78	62.58	
		Note: The cost is for the in-lab test to determine the constituents of fuel using the procedure as detailed in ASTM D3328-78.		
02 65 00 00-0024	EA	Lab Test - pH	12.97	
02 65 00 00-0025	EA	Lab Test - PCB	162.18	
02 65 00 00-0026	EA	Lab Test - Methyl Tertiary Butyl Ether (MTBE)	97.31	
02 65 00 00-0027		**Tests, Surveys And Maintenance** *(02 65 00 00-0001)*		
02 65 00 00-0028	EA	Site Survey For AST/UST Location By Certified Tank Installer	664.31	
		Note: Includes testing Pump output both tank and dispenser, Calibrate pump dispenser if needed, Check all sumps both tank and dispenser, check all fitting connections for leaks and check wiring connection for possible malfunction or safety hazard, check seals on caps for fill tube, check overfill performance for safety shutdown, check all hoses and pump handle, check break-away couplings, complete written report on all data found.		
02 65 00 00-0029	EA	Check Cathodic Protection - Impressed Current Systems And Sacrificial Anode Systems	109.24	
		Note: By Certified Technician. Write report of findings for action if needed		
02 65 00 00-0030	EA	Check And Report On Monitor Probes	25.57	
		Note: By Certified Technician		
02 65 00 00-0031	EA	Tank Monitoring System: Check System Per Manufacturer's Specification By Certified Technician With Written Report	183.49	
		Note: Including pass / fail; paper feed operational paper installed etc.; and status of inspection repairs needed etc.		
02 65 00 00-0032	EA	Replace Anode On Impressed System	68.67	
02 65 00 00-0033	EA	Replace Power Converter On Impressed System	99.84	
02 65 00 00-0034	EA	Replace Monitor Probes	149.60	
02 65 00 00-0035	EA	Prepare Tank For Ultrasonic Test	327.28	
02 65 00 00-0036	EA	Ultrasonic Test	1,305.64	
02 65 00 00-0037		**Tests And Sampling Labor Hours** *(02 65 00 00-0001)*		
02 65 00 00-0038	HR	Certified Tank Installer	74.27	
02 65 00 00-0039	HR	Certified Geologist/Environmentalist	74.27	
02 65 00 00-0040	HR	Hourly Office Work For Reports Required For EPA	66.10	
		Note: Includes title searches, well survey data, site drawings, submitting preliminary work, etc. Hours not to be used in association with other tasks performed.		
02 65 00 00-0041		**Remove Tank Contents** *(02 65)*		
02 65 00 00-0042		**Transfer Liquid** *(02 65 00 00-0041)*		
		Note: For use to transfer liquids from one tank to another.		
02 65 00 00-0043	GAL	Transfer Reusable Liquid To Different Tank	0.54	
		Note: Per gallon of material transferred.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0044		**Remove And Dispose Of Liquid From Tank** *(02 65 00 00-0041)*		
02 65 00 00-0045	GAL	Remove and Dispose of Hazardous Liquids From Tank	1.03	
02 65 00 00-0046	GAL	Remove And Dispose Of Non Hazardous Liquid From Tank	0.75	
02 65 00 00-0047		**Remove And Dispose Of Solids Or Sludge** *(02 65 00 00-0041)* Note: Includes scraping and solidifying agent.		
02 65 00 00-0048	GAL	Remove And Dispose Of Hazardous Solids Or Sludge From Tank	4.65	
02 65 00 00-0049	GAL	Remove And Dispose Of Non Hazardous Solids Or Sludge From Tank	1.01	
02 65 00 00-0050		**Purge Vapors, Open And Clean Tank** *(02 65)*		
02 65 00 00-0051		**Purge Vapors** *(02 65 00 00-0050)*		
02 65 00 00-0052	LB	Purge Tank Using Dry Ice Note: Approximately 1.5 To 3.0 LBS of dry ice per 100 Gals of tank volume.	2.30	
02 65 00 00-0053		**High Pressure Water Wash And Rinse Of Tank Interior** *(02 65 00 00-0050)*		
02 65 00 00-0054	EA	Up To 500 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	252.27	
02 65 00 00-0055	EA	>500 To 1,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	441.46	
02 65 00 00-0056	EA	>1,000 To 2,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	630.66	
02 65 00 00-0057	EA	>2,000 To 5,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	882.92	
02 65 00 00-0058	EA	>5,000 To 10,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,321.74	
02 65 00 00-0059	EA	>10,000 To 20,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,988.57	
02 65 00 00-0060	EA	>20,000 To 30,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	2,659.40	
02 65 00 00-0061	EA	>30,000 To 40,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	3,294.49	
02 65 00 00-0062	EA	>40,000 To 50,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	4,414.62	
02 65 00 00-0063		**Scrape Clean Tank Exterior** *(02 65 00 00-0050)*		
02 65 00 00-0064	EA	Up To 500 Gallon Tank, Scrape Clean Tank Exterior	219.35	
02 65 00 00-0065	EA	>500 To 1,000 Gallon Tank, Scrape Clean Tank Exterior	365.58	
02 65 00 00-0066	EA	>1,000 To 2,000 Gallon Tank, Scrape Clean Tank Exterior	511.81	
02 65 00 00-0067	EA	>2,000 To 5,000 Gallon Tank, Scrape Clean Tank Exterior	731.15	
02 65 00 00-0068	EA	>5,000 To 10,000 Gallon Tank, Scrape Clean Tank Exterior	1,462.31	
02 65 00 00-0069	EA	>10,000 To 20,000 Gallon Tank, Scrape Clean Tank Exterior	2,924.62	
02 65 00 00-0070	EA	>20,000 To 30,000 Gallon Tank, Scrape Clean Tank Exterior	3,655.77	
02 65 00 00-0071	EA	>30,000 To 40,000 Gallon Tank, Scrape Clean Tank Exterior	4,747.75	
02 65 00 00-0072	EA	>40,000 To 50,000 Gallon Tank, Scrape Clean Tank Exterior	6,528.15	
02 65 00 00-0073		**Tank And Piping Removal** *(02 65)* Note: Excludes excavation.		
02 65 00 00-0074		**Removal And Disposal Of Piping** *(02 65 00 00-0073)* Note: Includes removal, inspection, loading, transporting pipe to disposal facility or transfer station within 15 miles and disposal fees.		
02 65 00 00-0075	LF	Up To 4", Removal And Disposal Of Piping	13.23	
02 65 00 00-0076	LF	>4" To 8", Removal And Disposal Of Piping	17.63	
02 65 00 00-0077		**Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement** *(02 65 00 00-0073)* Note: Excludes excavation or backfill.		
02 65 00 00-0078	EA	Up To 500 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	447.96	
02 65 00 00-0079	EA	>500 To 1,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	746.59	
02 65 00 00-0080	EA	>1,000 To 2,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,045.22	
02 65 00 00-0081	EA	>2,000 To 5,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,493.18	
02 65 00 00-0082	EA	>5,000 To 10,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,090.44	
02 65 00 00-0083	EA	>10,000 To 20,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,613.05	
02 65 00 00-0084	EA	>20,000 To 30,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	3,135.66	
02 65 00 00-0085	EA	>30,000 To 40,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	3,732.93	
02 65 00 00-0086	EA	>40,000 To 50,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	4,180.89	
02 65 00 00-0087		**Cut Tank Into Sections That Can Easily Be Transported And Disposed Of** *(02 65 00 00-0073)* Note: When necessary. Includes 1 lengthwise at every 4' O.C. height wise.		
02 65 00 00-0088	EA	>1,000 To 2,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	436.30	
02 65 00 00-0089	EA	>2,000 To 5,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	872.59	
02 65 00 00-0090	EA	>5,000 To 10,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,310.19	
02 65 00 00-0091	EA	>10,000 to 20,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,745.17	
02 65 00 00-0092	EA	>20,000 To 30,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	2,181.47	
02 65 00 00-0093	EA	>30,000 To 40,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	2,612.54	
02 65 00 00-0094	EA	>40,000 To 50,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	3,490.35	
02 65 00 00-0095		**Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station** *(02 65 00 00-0073)* Note: Includes disposal fee.		
02 65 00 00-0096	EA	Up To 500 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	176.28	
		For Each Additional Mile >15 Miles, Add	*4.41*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0097	EA	>500 To 1,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	235.05	
		For Each Additional Mile >15 Miles, Add	*5.88*	
02 65 00 00-0098	EA	>1,000 To 2,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	670.34	
		For Each Additional Mile >15 Miles, Add	*7.84*	
02 65 00 00-0099	EA	>2,000 To 5,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	1,100.69	
		For Each Additional Mile >15 Miles, Add	*11.75*	
02 65 00 00-0100	EA	>5,000 To 10,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	1,602.44	
		For Each Additional Mile >15 Miles, Add	*15.67*	
02 65 00 00-0101	EA	>10,000 To 20,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	2,306.44	
		For Each Additional Mile >15 Miles, Add	*19.59*	
02 65 00 00-0102	EA	>20,000 To 30,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	2,906.86	
		For Each Additional Mile >15 Miles, Add	*24.48*	
02 65 00 00-0103	EA	>30,000 To 40,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	4,228.09	
		For Each Additional Mile >15 Miles, Add	*31.34*	
02 65 00 00-0104	EA	>40,000 To 50,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	5,255.37	
		For Each Additional Mile >15 Miles, Add	*39.17*	

02 65 00 00-0105 Other Storage Tank Removals *(02 65 00 00-0073)*

02 65 00 00-0106	GAL	Remove Cement Lining	0.41
02 65 00 00-0107	GAL	Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams	0.15
02 65 00 00-0108	GAL	Install Epoxy For Interior Corrosion Protection	0.80

02 65 00 00-0109 Tank Closure Report *(02 65 00 00-0073)*

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

02 65 00 00-0110	EA	Prepare Tank Closure Report	1,660.79

02 65 00 00-0111 Temporary Tanks *(02 65)*

02 65 00 00-0112 Temporary Holding Tanks *(02 65 00 00-0111)*

02 65 00 00-0113 Above Ground Temporary Holding Tanks, Monthly Rental *(02 65 00 00-0112)*

02 65 00 00-0114	MO	550 Gallon, Stainless Steel, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	449.94
02 65 00 00-0115	MO	630 Gallon, Polyethylene, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	449.94
02 65 00 00-0116	MO	630 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	899.88
02 65 00 00-0117	MO	4,000 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	674.91
02 65 00 00-0118	MO	4,000 Gallon, Polyethylene, Trailer Mounted, Above Ground Temporary Holding Tanks, Monthly Rental	1,574.80
02 65 00 00-0119	MO	6,000 Gallon, Polyethylene, Total Drain, Above Ground Temporary Holding Tanks, Monthly Rental	1,124.85
02 65 00 00-0120	MO	21,000 Gallon (500 BBL), Steel, Open, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	1,649.50
02 65 00 00-0121	MO	21,000 Gallon (500 BBL), Steel, Closed, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	1,976.78
02 65 00 00-0122	MO	21,000 Gallon (500 BBL), Steel, Vapor Proof, Above Ground Temporary Holding Tanks, Monthly Rental	3,338.27

02 65 00 00-0123 Secondary Containment Berm *(02 65 00 00-0111)*

02 65 00 00-0124	MO	Secondary Containment Berm Monthly Rental	974.87

02 80 Facility Remediation *(02)*

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

02 81 00 00-0001 Hazardous Material Disposal *(02 81)*

02 81 00 00-0002	GAL	Drain Hazardous (PCB) Oil Filled Equipment And Dispose In Approved Container Note: Includes handling of container and disposal at approved site.	8.02
02 81 00 00-0003	CF	Hazardous (PCB) Oil Filled Equipment Disposal At Approved Site Note: Includes handling of equipment and disposal at approved site. Excludes draining of PCB contaminated oil prior to disposal.	54.18

02 82 Asbestos Remediation *(02 80)*

Note: Tasks include materials, equipment (e.g. ladders, high volume vacuum with sound suppression system where required, etc.), mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, HEPA vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, fees, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there are tasks with a unit of measure of EA for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 74 19 00-0030 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0002 for solid isolation barriers, 02 89 00 00-0016 for plastic sheeting for containment construction, 02 89 00 00-0023 for decontamination chambers.

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

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

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

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

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

02 82 00 00-0004	EA	>10 To 25 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	483.06	
		For Work In Restricted Working Space, Add	*144.92*	
02 82 00 00-0005	LF	>25 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	24.70	
		For Work In Restricted Working Space, Add	*7.41*	
02 82 00 00-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	18.52	
		For Work In Restricted Working Space, Add	*5.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 00 00-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	13.90	
		For Work In Restricted Working Space, Add	*4.17*	
02 82 00 00-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	10.42	
		For Work In Restricted Working Space, Add	*3.13*	
02 82 00 00-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	9.06	
		For Work In Restricted Working Space, Add	*2.72*	

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

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

02 82 00 00-0011	EA	>10 To 25 LF, >6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	483.06	
		For Work In Restricted Working Space, Add	*144.92*	
02 82 00 00-0012	LF	>25 To 250 LF, >6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	28.41	
		For Work In Restricted Working Space, Add	*8.52*	
02 82 00 00-0013	LF	>250 To 500 LF, >6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	21.31	
		For Work In Restricted Working Space, Add	*6.39*	
02 82 00 00-0014	LF	>500 To 2,500 LF, >6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	15.98	
		For Work In Restricted Working Space, Add	*4.79*	
02 82 00 00-0015	LF	>2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	11.98	
		For Work In Restricted Working Space, Add	*3.59*	
02 82 00 00-0016	LF	>10,000 LF, >6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	10.42	
		For Work In Restricted Working Space, Add	*3.13*	

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

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

02 82 00 00-0018	EA	Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal	523.16	
		For Work In Restricted Working Space, Add	*156.95*	
02 82 00 00-0019	LF	>3 To 20 LF Additional Glove Bag Work for Pipe Insulation	77.50	
		For Work In Restricted Working Space, Add	*23.25*	
02 82 00 00-0020	LF	>20 To 250 LF Additional Glove Bag Work for Pipe Insulation	30.09	
		For Work In Restricted Working Space, Add	*9.03*	
02 82 00 00-0021	LF	>250 To 500 LF Additional Glove Bag Work for Pipe Insulation	22.56	
		For Work In Restricted Working Space, Add	*6.77*	
02 82 00 00-0022	LF	>500 LF Additional Glove Bag Work for Pipe Insulation	16.93	
		For Work In Restricted Working Space, Add	*5.08*	

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

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

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

02 82 00 00-0025	EA	Up To 20 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	483.06	
02 82 00 00-0026	SF	>20 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	24.70	
02 82 00 00-0027	SF	>500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	19.45	
02 82 00 00-0028	SF	>2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	14.59	
02 82 00 00-0029	SF	>10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	10.94	

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

02 82 00 00-0031 Fireproofing, Asbestos Abatement And Disposal *(02 82 00 00-0030)*

Note: Exposed surface area, includes associated overspray.

02 82 00 00-0032	EA	Up To 20 SF, Fireproofing, Asbestos Abatement And Disposal	483.06	
02 82 00 00-0033	SF	>20 To 500 SF, Fireproofing, Asbestos Abatement And Disposal	29.63	
02 82 00 00-0034	SF	>500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal	22.22	
02 82 00 00-0035	SF	>2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal	16.67	
02 82 00 00-0036	SF	>10,000 SF, Fireproofing, Asbestos Abatement And Disposal	12.50	

02 82 00 00-0037 Acoustical Plaster, Asbestos Abatement And Disposal *(02 82 00 00-0030)*

Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.

02 82 00 00-0038	EA	Up To 20 SF, Acoustical Plaster, Asbestos Abatement And Disposal	483.06	
02 82 00 00-0039	SF	>20 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	12.37	
02 82 00 00-0040	SF	>500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	9.36	
02 82 00 00-0041	SF	>2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	6.95	
02 82 00 00-0042	SF	>10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	5.14	

02 82 00 00-0043 Gypsum Wall Board, Asbestos Abatement And Disposal *(02 82 00 00-0030)*

02 82 00 00-0044	EA	Up To 20 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	483.06	
02 82 00 00-0045	SF	>20 To 500 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	9.51	
02 82 00 00-0046	SF	>500 To 2,500 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	6.95	
02 82 00 00-0047	SF	>2,500 To 10,000 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	5.44	
02 82 00 00-0048	SF	>10,000 To 50,000 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	4.23	
02 82 00 00-0049	SF	>50,000 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	3.02	

02 82 00 00-0050 Stucco, Asbestos Abatement And Disposal *(02 82 00 00-0030)*

02 82 00 00-0051	EA	Up To 20 SF, Stucco, Asbestos Abatement And Disposal	483.06	
02 82 00 00-0052	SF	>20 To 500 SF, Stucco, Asbestos Abatement And Disposal	20.99	
02 82 00 00-0053	SF	>500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal	15.75	
02 82 00 00-0054	SF	>2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal	11.81	
02 82 00 00-0055	SF	>10,000 SF, Stucco, Asbestos Abatement And Disposal	8.86	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 82 00 00-0056 Spray On Acoustical Ceiling, Asbestos Abatement And Disposal *(02 82 00 00-0030)*

02 82 00 00-0057	EA	Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	483.06
02 82 00 00-0058	SF	>50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	8.05
02 82 00 00-0059	SF	>500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	6.04
02 82 00 00-0060	SF	>2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	4.53
02 82 00 00-0061	SF	>10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	3.39

02 82 00 00-0062 Flooring Material, Asbestos Abatement And Disposal *(02 82)*

02 82 00 00-0063 Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal *(02 82 00 00-0062)*

02 82 00 00-0064 Floor Tile Or Linoleum, Asbestos Abatement And Disposal *(02 82 00 00-0063)*

Note: Single layer or first of multiple layers.

02 82 00 00-0065	EA	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal	483.06
02 82 00 00-0066	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal	4.94
		For Each Additional Layer, Add	*1.24*
02 82 00 00-0067	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal	3.09
		For Each Additional Layer, Add	*0.77*
02 82 00 00-0068	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal	1.78
		For Each Additional Layer, Add	*0.45*
02 82 00 00-0069	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal	1.07
		For Each Additional Layer, Add	*0.27*

02 82 00 00-0070 Carpet, Asbestos Abatement And Disposal *(02 82 00 00-0063)*

02 82 00 00-0071	EA	Up To 100 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	483.06
02 82 00 00-0072	SF	>100 To 500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	3.81
02 82 00 00-0073	SF	>500 To 2,500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	2.38
02 82 00 00-0074	SF	>2,500 To 10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	1.39
02 82 00 00-0075	SF	>10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	0.95

02 82 00 00-0076 Wall Or Cove Base, Asbestos Abatement And Disposal *(02 82 00 00-0063)*

Note: Up to 12".

02 82 00 00-0077	EA	Up To 50 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	181.15
02 82 00 00-0078	LF	>50 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	3.23
02 82 00 00-0079	LF	>100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	1.93
02 82 00 00-0080	LF	>500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	1.21
02 82 00 00-0081	LF	>2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	0.85

02 82 00 00-0082 Mastic, Asbestos Abatement And Disposal *(02 82 00 00-0062)*

Note: Applies to bottom layer only, if multiple layers. Non hydrocarbon with pine, citrus or no odor.

02 82 00 00-0083	EA	Up To 200 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	483.06
02 82 00 00-0084	SF	>200 To 500 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	1.23
02 82 00 00-0085	SF	>500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	0.62
02 82 00 00-0086	SF	>2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	0.42
02 82 00 00-0087	SF	>10,000 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	0.22

02 82 00 00-0088 Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal *(02 82 00 00-0062)*

Note: Includes finish wood, asbestos barrier paper, cleanup of sub-wood floor, fasteners, wood fillers and protection of clean crawl space from contamination.

02 82 00 00-0089	EA	Up To 10 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	483.06
02 82 00 00-0090	SF	>10 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.71
02 82 00 00-0091	SF	>500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	4.16
02 82 00 00-0092	SF	>2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	3.26
02 82 00 00-0093	SF	>10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	2.54

02 82 00 00-0094 Roofing, Asbestos Abatement And Disposal *(02 82)*

02 82 00 00-0095 Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 00 00-0094)*

Note: Includes paint, flashing, sheet metal, insulation, pitch pockets, etc.

02 82 00 00-0096 Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 00 00-0095)*

02 82 00 00-0097	EA	Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	483.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 00 00-0098	SF	>125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.86	
02 82 00 00-0099	SF	>1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.09	
02 82 00 00-0100	SF	>5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	2.47	
02 82 00 00-0101	SF	>10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1.86	
02 82 00 00-0102	SF	>20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1.39	
02 82 00 00-0103		>2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 00 00-0095)*		
02 82 00 00-0104	EA	Up To 110 SF, >2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	483.06	
02 82 00 00-0105	SF	>110 To 1,000 SF, >2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.39	
02 82 00 00-0106	SF	>1,000 To 5,000 SF, >2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.51	
02 82 00 00-0107	SF	>5,000 To 10,000 SF, >2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	2.82	
02 82 00 00-0108	SF	>10,000 To 20,000 SF, >2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	2.11	
02 82 00 00-0109	SF	>20,000 SF, >2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1.59	
02 82 00 00-0110		Shingles And Felt Roofing, Asbestos Abatement And Disposal *(02 82 00 00-0094)*		
02 82 00 00-0111		Shingles And Felt Roofing, Asbestos Abatement And Disposal *(02 82 00 00-0110)*		
02 82 00 00-0112	EA	Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	483.06	
02 82 00 00-0113	SF	>125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	3.86	
		For Each Additional Layer, Add	*0.97*	
02 82 00 00-0114	SF	>1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	3.09	
		For Each Additional Layer, Add	*0.77*	
02 82 00 00-0115	SF	>5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	2.47	
		For Each Additional Layer, Add	*0.62*	
02 82 00 00-0116	SF	>10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1.86	
		For Each Additional Layer, Add	*0.47*	
02 82 00 00-0117	SF	>20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1.39	
		For Each Additional Layer, Add	*0.35*	
02 82 00 00-0118		Asbestos-Cement Products, Asbestos Abatement And Disposal *(02 82)*		
02 82 00 00-0119		Interior Asbestos-Cement Board, Asbestos Abatement And Disposal *(02 82 00 00-0118)* Note: Includes detachment of mounted objects before removal.		
02 82 00 00-0120	EA	Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	483.06	
02 82 00 00-0121	SF	>100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	4.94	
02 82 00 00-0122	SF	>500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.47	
02 82 00 00-0123	SF	>2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	1.97	
02 82 00 00-0124	SF	>10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	1.72	
02 82 00 00-0125		Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal *(02 82 00 00-0118)*		
02 82 00 00-0126	EA	Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	483.06	
02 82 00 00-0127	SF	>100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	4.29	
02 82 00 00-0128	SF	>500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	2.20	
02 82 00 00-0129	SF	>2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	1.76	
02 82 00 00-0130	SF	>10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	1.53	
02 82 00 00-0131		Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal *(02 82 00 00-0118)*		
02 82 00 00-0132	EA	Up To 20 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	483.06	
02 82 00 00-0133	LF	>20 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	24.70	
02 82 00 00-0134	LF	>100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	18.52	
02 82 00 00-0135	LF	>250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	13.90	
02 82 00 00-0136	LF	>500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	10.42	
02 82 00 00-0137	LF	>2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	7.81	
02 82 00 00-0138	LF	>10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	7.64	
02 82 00 00-0139		Exterior Transite Siding, Asbestos Abatement And Disposal *(02 82 00 00-0118)*		
02 82 00 00-0140	EA	Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	483.06	
02 82 00 00-0141	SF	>125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	3.86	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 00 00-0142	SF	>1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	3.09	
02 82 00 00-0143	SF	>5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	2.47	
02 82 00 00-0144	SF	>10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1.86	
02 82 00 00-0145	SF	>20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1.39	
02 82 00 00-0146		Asbestos Contaminated Debris, Asbestos Abatement And Disposal *(02 82)*		
02 82 00 00-0147		Asbestos Contaminated Debris, Asbestos Abatement And Disposal *(02 82 00 00-0146)*		
02 82 00 00-0148	EA	Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	483.06	
		For Work In Restricted Working Space, Add	*144.92*	
02 82 00 00-0149	CF	>10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	48.03	
		For Work In Restricted Working Space, Add	*14.41*	
02 82 00 00-0150	CF	>100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	32.02	
		For Work In Restricted Working Space, Add	*9.61*	
02 82 00 00-0151	CF	>250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	24.05	
		For Work In Restricted Working Space, Add	*7.22*	
02 82 00 00-0152	CF	>500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	19.21	
		For Work In Restricted Working Space, Add	*5.76*	
02 82 00 00-0153	CF	>2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	16.33	
		For Work In Restricted Working Space, Add	*4.90*	
02 82 00 00-0154	CF	>10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	14.69	
		For Work In Restricted Working Space, Add	*4.41*	
02 82 00 00-0155		Asbestos Contaminated Soil, Asbestos Abatement And Disposal *(02 82 00 00-0146)*		
02 82 00 00-0156	EA	Up To 10 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	694.41	
		For Work In Restricted Working Space, Add	*208.32*	
02 82 00 00-0157	CF	>10 To 100 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	48.03	
		For Work In Restricted Working Space, Add	*14.41*	
02 82 00 00-0158	CF	>100 To 250 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	32.02	
		For Work In Restricted Working Space, Add	*9.61*	
02 82 00 00-0159	CF	>250 To 500 CF, Asbestos Contaminated Asbestos Abatement And Disposal	24.05	
02 82 00 00-0160	CF	>500 To 2,500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	19.21	
		For Work In Restricted Working Space, Add	*5.76*	
02 82 00 00-0161	CF	>2,500 To 10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	16.33	
		For Work In Restricted Working Space, Add	*4.90*	
02 82 00 00-0162	CF	>10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	14.69	
		For Work In Restricted Working Space, Add	*4.41*	
02 82 00 00-0163		Other Asbestos Containing Materials, Asbestos Abatement And Disposal *(02 82)*		
02 82 00 00-0164		30" To 36" Fire Door, Asbestos Abatement And Disposal *(02 82 00 00-0163)*		
02 82 00 00-0165	EA	Up To 5 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	96.61	
02 82 00 00-0166	EA	>5 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	37.06	
02 82 00 00-0167	EA	>20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	24.70	
02 82 00 00-0168		HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal *(02 82 00 00-0163)*		
02 82 00 00-0169	EA	Up To 25 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	241.53	
02 82 00 00-0170	LF	>25 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.94	
02 82 00 00-0171	LF	>50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.70	
02 82 00 00-0172	LF	>100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.18	
02 82 00 00-0173	LF	>250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	2.74	
02 82 00 00-0174	LF	>1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	2.35	
02 82 00 00-0175	LF	>2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	2.03	
02 82 00 00-0176		Grout, Asbestos Abatement And Disposal *(02 82 00 00-0163)* Note: e.g. flue grout.		
02 82 00 00-0177	EA	Up To 20 LF, Grout, Asbestos Abatement And Disposal	181.15	
02 82 00 00-0178	LF	>20 To 50 LF, Grout, Asbestos Abatement And Disposal	9.51	
02 82 00 00-0179	LF	>50 To 100 LF, Grout, Asbestos Abatement And Disposal	6.55	
02 82 00 00-0180	LF	>100 To 250 LF, Grout, Asbestos Abatement And Disposal	5.61	
02 82 00 00-0181	LF	>250 To 1,000 LF, Grout, Asbestos Abatement And Disposal	4.81	
02 82 00 00-0182	LF	>1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal	4.15	
02 82 00 00-0183	LF	>2,500 LF, Grout, Asbestos Abatement And Disposal	3.56	
02 82 00 00-0184		Gaskets, Asbestos Abatement And Disposal *(02 82 00 00-0163)* Note: e.g. rope, web cloth, flat.		
02 82 00 00-0185	EA	Up To 15 LF, Gaskets, Asbestos Abatement And Disposal	181.15	
02 82 00 00-0186	LF	>15 To 50 LF, Gaskets, Asbestos Abatement And Disposal	12.81	
02 82 00 00-0187	LF	>50 To 250 LF, Gaskets, Asbestos Abatement And Disposal	9.60	
02 82 00 00-0188	LF	>250 To 500 LF, Gaskets, Asbestos Abatement And Disposal	8.19	
02 82 00 00-0189	LF	>500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal	7.37	
02 82 00 00-0190	LF	>1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal	6.61	
02 82 00 00-0191	LF	>2,500 LF, Gaskets, Asbestos Abatement And Disposal	6.30	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 00 00-0192		Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal *(02 82 00 00-0163)*		
		Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.		
02 82 00 00-0193	EA	Up To 40 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal	483.06	
02 82 00 00-0194	SF	>40 To 1,000 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal	10.27	
02 82 00 00-0195	SF	>1,000 To 2,500 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal	4.94	
02 82 00 00-0196	SF	>2,500 To 10,000 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal	3.33	
02 82 00 00-0197	SF	>10,000 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal	2.84	
02 82 00 00-0198		Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal *(02 82 00 00-0163)*		
		Note: Includes ceiling tile, asbestos barrier paper, and furring strips.		
02 82 00 00-0199	EA	Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	483.06	
02 82 00 00-0200	SF	>50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	10.27	
02 82 00 00-0201	SF	>1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	4.94	
02 82 00 00-0202	SF	>2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	3.33	
02 82 00 00-0203	SF	>10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	2.84	
02 82 00 00-0204		Caulking, Asbestos Abatement And Disposal *(02 82 00 00-0163)*		
02 82 00 00-0205		Caulking, Asbestos Abatement And Disposal *(02 82 00 00-0204)*		
02 82 00 00-0206	EA	Up To 25 LF, Non-Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal	181.15	
02 82 00 00-0207	LF	>25 To 50 LF, Non-Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal	3.56	
02 82 00 00-0208	LF	>50 To 100 LF, Non Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal	2.51	
02 82 00 00-0209	LF	>100 To 250 LF, Non Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal	1.87	
02 82 00 00-0210	LF	>250 To 1,000 LF, Non Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal	1.40	
02 82 00 00-0211	LF	>1,000 To 2,500 LF, Non Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal	1.11	
02 82 00 00-0212	LF	>2,500 LF, Non Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal	0.96	
02 82 00 00-0213		Asbestos Encapsulation (Lock-Down) *(02 82)*		
02 82 00 00-0214	SF	Asbestos Encapsulant Spray Adhesive (Lock-Down), Per Coat	1.09	
02 82 00 00-0215	SF	Asbestos Binding Compound Encapsulant/Sealant, Per Coat Required (Fiberlock® ABC® Asbestos Binding Compound)	1.56	
02 82 00 00-0216	SF	Asbestos Fiberspray Encapsulation (Fiberlock® ABC Fiberspray®)	1.47	
02 82 00 00-0217	SF	Asbestos Acrylic Encasement/Encapsulation (Fiberlock® Lag-Kote®)	1.69	
02 82 00 00-0218	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kwik®)	4.65	
02 82 00 00-0219	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kloth®)	5.18	
02 82 00 00-0220		Air Monitoring And Bulk Sampling, Asbestos Testing *(02 82)*		
		Note: Testing tasks include packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Polarizing Light Microscope (PLM), Phase Contrast Microscope (PCM), and Transmission Electron Microscope (TEM).		
02 82 00 00-0221	HR	Bulk Sampling Or Air Monitoring, Asbestos Testing	58.13	
02 82 00 00-0222	EA	(Bulk) PCM Test, Asbestos Testing	7.79	
02 82 00 00-0223	EA	(Bulk) PCM Test, 24 Hour Turnaround, Asbestos Testing	9.73	
02 82 00 00-0224	EA	(Bulk) PCM Test, Rush Turnaround, Asbestos Testing	11.68	
02 82 00 00-0225	EA	(Bulk Point Counting) PLM Test, Asbestos Testing	15.57	
02 82 00 00-0226	EA	(Bulk Point Counting) PLM Test, 24 Hour Turnaround, Asbestos Testing	19.46	
02 82 00 00-0227	EA	(Bulk Point Counting) PLM Test, Rush Turnaround, Asbestos Testing	23.36	
02 82 00 00-0228	EA	(Bulk) TEM Test, Asbestos Testing	46.71	
02 82 00 00-0229	EA	(Bulk) TEM Test, 24 Hour Turnaround, Asbestos Testing	50.60	
02 82 00 00-0230	EA	(Air) PCM Test, Asbestos Testing	8.17	
02 82 00 00-0231	EA	(Air) PCM Test, 24 Hour Turnaround, Asbestos Testing	8.75	
02 82 00 00-0232	EA	(Air) PCM Test, Rush Turnaround, Asbestos Testing	9.34	
02 82 00 00-0233	EA	(Air) TEM Test, Asbestos Testing	46.71	
02 82 00 00-0234	EA	(Air) TEM Test, 24 Hour Turnaround, Asbestos Testing	50.60	
02 82 00 00-0235	EA	(Air) TEM Test, Rush Turnaround, Asbestos Testing	62.28	

02 83 Lead Remediation *(02 80)*

Note: Tasks include materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. See CSI section 01 74 19 00-0030 for hauling in excess of 25 miles to transfer or disposal site, 02 81 00 00-0001 for transportation and disposal of hazardous material into approved faculity., 02 89 00 00-0002 for solid isolation barriers, 02 89 00 00-0016 for plastic sheeting for containment construction, 02 89 00 00-0023 for decontamination chambers.

02 83 19 Lead-Based Paint Remediation *(02 83)*

02 83 19 13 Lead-Based Paint Abatement *(02 83 19)*

02 83 19 13-0001		Scrape And Sand Lead Paint *(02 83 19 13)*		
02 83 19 13-0002	SF	Hand Scrape Lead Paint From Concrete Or Masonry Surfaces	0.97	
02 83 19 13-0003	SF	Scrape Lead Paint, Repair And Sand Severely Damaged Drywall Surfaces	1.01	
02 83 19 13-0004	SF	Hand Scrape Lead Paint From Wood Surfaces	1.33	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0005	SF	Hand Scraping And Sanding Lead Paint From Metal Surfaces	1.36	

02 83 19 13-0006 Sampling And Testing *(02 83 19 13)*

Note: Includes taking sample, delivery to lab and lab fee.

02 83 19 13-0007	EA	X-Ray Fluorescence (XRF) Lead Testing Including Technician, 3 Readings Per Surface	34.94	
02 83 19 13-0008	EA	Toxicity Characteristic Leaching Procedure (TCLP) Lead Test (5 Day Turnaround) And Lab Fee	33.00	
02 83 19 13-0009	EA	Toxicity Characteristic Leaching Procedure (TCLP) Lead Test (48 Hour Turnaround) And Lab Fee	50.00	
02 83 19 13-0010	EA	Toxicity Characteristic Leaching Procedure (TCLP) Lead Test (24 Hour Turnaround) And Lab Fee	70.00	
02 83 19 13-0011	EA	Total Threshold Leaching Concentration (TTLC) Lead Test (5 Day Turnaround) And Lab Fee	13.00	
02 83 19 13-0012	EA	Total Threshold Leaching Concentration (TTLC) Lead Test (24 Hour Turnaround) And Lab Fee	20.00	
02 83 19 13-0013	EA	Total Threshold Leaching Concentration (TTLC) Lead Test (8 Hour Turnaround) And Lab Fee	25.00	
02 83 19 13-0014	EA	Soluble Threshold Limit Concentration (STLC) Lead Test (5 Day Turnaround) And Lab Fee	33.00	
02 83 19 13-0015	EA	Soluble Threshold Limit Concentration (STLC) Lead Test (3 Day Turnaround) And Lab Fee	50.00	
02 83 19 13-0016	EA	Lead Wipe Samples (5 Day Turnaround) And Lab Fee	5.50	
02 83 19 13-0017	EA	Lead Wipe Samples (24 Hour Turnaround) And Lab Fee	7.50	
02 83 19 13-0018	EA	Lead Wipe Samples (8 Hour Turnaround) And Lab Fee	11.00	
02 83 19 13-0019	EA	Lead Air Samples (5 Day Turn -Around) And Lab Fee	5.50	
02 83 19 13-0020	EA	Lead Air Samples (24 Hour Turnaround) And Lab Fee	7.50	
02 83 19 13-0021	EA	Lead Air Samples (8 Hour Turnaround) And Lab Fee	11.00	
02 83 19 13-0022	EA	Lead Water Test (5 Day Turnaround) and Lab Fee	20.00	
02 83 19 13-0023	EA	Lead Water Test (24 Hour Turnaround) and Lab Fee	30.00	
02 83 19 13-0024	EA	Lead Water Test (8 Hour Turnaround) and Lab Fee	40.00	
02 83 19 13-0025	EA	Lead Paint Chip Test (5 Day Turnaround) and Lab Fee	20.96	
02 83 19 13-0026	EA	Lead Soil Test (5 Day Turnaround) and Lab Fee	41.93	
02 83 19 13-0027	EA	Sample Pickup, Per Trip	30.00	

02 83 19 13-0028 Minimum Charge For Lead-Based Paint Remediation *(02 83 19 13)*

02 83 19 13-0029	EA	Lead-Based Paint Remediation Minimum Show Up Charge Note: For projects where the total lead-based paint remediation charge is less than the minimum charge, use task "Minimum Charge For Lead-Based Paint Remediation" exclusively. Task "Minimum Charge For Lead-Based Paint Remediation" should not be used in conjunction with any other tasks in this section. Includes air sample and perspnal air monitoring.	780.34	

02 83 19 13-0030 Chemical Stripping Of Lead Contaminated Material *(02 83 19 13)*

Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

02 83 19 13-0031	SF	Balustrades, Simple, Chemical Stripping Of Lead Contaminated Material	25.13	
02 83 19 13-0032	SF	Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material	37.55	
02 83 19 13-0033	LF	Up To 6" Wide Baseboard, Chemical Stripping Of Lead Contaminated Material	10.69	
02 83 19 13-0034	LF	>6" To 12" Wide Baseboard, Chemical Stripping Of Lead Contaminated Material	22.20	
02 83 19 13-0035	SF	Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material	6.94	
02 83 19 13-0036	SF	Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material	26.94	
02 83 19 13-0037	SF	Cabinets, Simple Design, Chemical Stripping Of Lead Contaminated Material	21.03	
02 83 19 13-0038	SF	Ceilings, All, Chemical Stripping Of Lead Contaminated Material	9.74	
02 83 19 13-0039	SF	Columns, Chemical Stripping Of Lead Contaminated Material	9.22	
02 83 19 13-0040	SF	Cornice, Simple, Chemical Stripping Of Lead Contaminated Material	11.41	
02 83 19 13-0041	SF	Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material	33.41	
02 83 19 13-0042	SF	Doors, One Side Flush, Chemical Stripping Of Lead Contaminated Material	8.17	
02 83 19 13-0043	SF	Doors, One Panel, Chemical Stripping Of Lead Contaminated Material	8.54	
02 83 19 13-0044	SF	Doors, Four Panel, Chemical Stripping Of Lead Contaminated Material	15.06	
02 83 19 13-0045	EA	Electrical Devices, Chemical Stripping Of Lead Contaminated Material	110.91	
02 83 19 13-0046	LF	Trim Or Frames, One Side, Chemical Stripping Of Lead Contaminated Material	10.63	
02 83 19 13-0047	LF	Up To 2" Electrical Conduit, Chemical Stripping Of Lead Contaminated Material	4.59	
02 83 19 13-0048	SF	Fence, Picket, Chemical Stripping Of Lead Contaminated Material	22.56	
02 83 19 13-0049	SF	Floors, Wood, Chemical Stripping Of Lead Contaminated Material	5.62	
02 83 19 13-0050	SF	Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material	26.94	
02 83 19 13-0051	SF	Grilles, Simple, Chemical Stripping Of Lead Contaminated Material	22.51	
02 83 19 13-0052	EA	Hinges, Chemical Stripping Of Lead Contaminated Material	13.68	
02 83 19 13-0053	EA	Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material	17.02	
02 83 19 13-0054	LF	Up To 4" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material	7.59	
02 83 19 13-0055	LF	>4" To 8" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material	13.63	
02 83 19 13-0056	LF	>8" To 12" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material	18.77	
02 83 19 13-0057	LF	>12" To 16" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material	33.87	
02 83 19 13-0058	SF	>16" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area	10.18	
02 83 19 13-0059	EA	Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material	204.15	
02 83 19 13-0060	EA	Shutters Front And Back Louvered, Up To 6', Chemical Stripping Of Lead Contaminated Material	228.57	
02 83 19 13-0061	EA	Shutters Flat, Chemical Stripping Of Lead Contaminated Material	167.57	
02 83 19 13-0062	SF	Siding, Chemical Stripping Of Lead Contaminated Material	7.70	
02 83 19 13-0063	SF	Soffit, Chemical Stripping Of Lead Contaminated Material	16.92	
02 83 19 13-0064	SF	Steel, Flat Surfaces And Tanks Up To 12', Chemical Stripping Of Lead Contaminated Material	7.52	
02 83 19 13-0065	SF	Steel Beams, Chemical Stripping Of Lead Contaminated Material	8.58	
02 83 19 13-0066	SF	Trusses, Chemical Stripping Of Lead Contaminated Material	12.36	
02 83 19 13-0067	SF	Walls, Wood, Chemical Stripping Of Lead Contaminated Material	8.58	
02 83 19 13-0068	SF	Windows, One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material	20.40	
02 83 19 13-0069	SF	Windows, One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material	22.37	
02 83 19 13-0070	SF	Windows, One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material	23.71	
02 83 19 13-0071	SF	Windows, One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material	25.05	
02 83 19 13-0072	SF	Windows, One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material	26.37	
02 83 19 13-0073	SF	Windows, One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material	27.77	
02 83 19 13-0074	SF	Windows, One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material	29.06	
02 83 19 13-0075	SF	Windows, One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material	29.73	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0076	SF	Windows, One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material	30.41	
02 83 19 13-0077	SF	Windows, One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material	31.05	
02 83 19 13-0078	SF	Metal Stair, Chemical Stripping Of Lead Contaminated Material	40.71	
02 83 19 13-0079	SF	Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing.	20.46	
02 83 19 13-0080	LF	Ornate Railings, Chemical Stripping Of Lead Contaminated Material	6.88	
02 83 19 13-0081		Demolition Of Lead Contaminated Material *(02 83 19 13)* Note: Includes waste handling, packing, all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.		
02 83 19 13-0082	SF	Ceiling Including Suspension System, Plaster, Lath, Demolition Of Lead Contaminated Material	1.83	
02 83 19 13-0083	SF	Suspended Acoustical Ceiling System, Including Tile, Demolition Of Lead Contaminated Material	1.07	
02 83 19 13-0084	SF	Acoustical Ceiling Tile, Demolition Of Lead Contaminated Material	0.68	
02 83 19 13-0085	SF	Metal Pan Grid System, Demolition Of Lead Contaminated Material	1.06	
02 83 19 13-0086	EA	Up To 2' x 4' Light Fixtures, Demolition Of Lead Contaminated Material	51.10	
02 83 19 13-0087	EA	>2' x 4' Light Fixtures, Demolition Of Lead Contaminated Material	67.79	
02 83 19 13-0088	SF	Partitions Non Load Bearing, Plaster, Lath And Studs, Demolition Of Lead Contaminated Material	7.57	
02 83 19 13-0089	SF	Partitions Non Load Bearing, Gypsum Board And Studs, Demolition Of Lead Contaminated Material	4.24	
02 83 19 13-0090	SF	Lead Paint On Brick Or Concrete Block, Demolition Of Lead Contaminated Material	4.66	
02 83 19 13-0091	IN	Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	3.59	
02 83 19 13-0092	IN	Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	4.78	
02 83 19 13-0093	SF	Balustrades And Railings, Demolition Of Lead Contaminated Material	5.30	
02 83 19 13-0094	LF	Up To 6" Wide Baseboard, Demolition Of Lead Contaminated Material	1.38	
02 83 19 13-0095	LF	>6" To 12" Wide Baseboard, Demolition Of Lead Contaminated Material	1.72	
02 83 19 13-0096	LF	Base Shoe Molding, Demolition Of Lead Contaminated Material	1.12	
02 83 19 13-0097	SF	Brick, Demolition Of Lead Contaminated Material	3.19	
02 83 19 13-0098	SF	Concrete Block, Demolition Of Lead Contaminated Material	4.11	
02 83 19 13-0099	SF	Concrete, Demolition Of Lead Contaminated Material	10.55	
02 83 19 13-0100	LF	Cabinets, Demolition Of Lead Contaminated Material	24.56	
02 83 19 13-0101	SF	Ceilings, Gypsum Board, Demolition Of Lead Contaminated Material	1.39	
02 83 19 13-0102	SF	Up To 12" Diameter Columns, Demolition Of Lead Contaminated Material	13.60	
02 83 19 13-0103	SF	Cornice, Demolition Of Lead Contaminated Material	1.81	
02 83 19 13-0104	EA	Doors, Demolition Of Lead Contaminated Material	53.27	
02 83 19 13-0105	LF	Door And Window Trim Or Frames, Demolition Of Lead Contaminated Material	1.62	
02 83 19 13-0106	EA	Electrical Devices, Demolition Of Lead Contaminated Material	16.34	
02 83 19 13-0107	LF	Up To 1" Diameter Electrical Conduit, Demolition Of Lead Contaminated Material	2.10	
02 83 19 13-0108	LF	>1" To 2" Diameter Electrical Conduit, Demolition Of Lead Contaminated Material	3.48	
02 83 19 13-0109	SF	Fence, Picket, Demolition Of Lead Contaminated Material	2.01	
02 83 19 13-0110	SF	Wood Floors, Demolition Of Lead Contaminated Material	2.52	
02 83 19 13-0111	SF	Grilles, Demolition Of Lead Contaminated Material	2.96	
02 83 19 13-0112	EA	Hinges, Demolition Of Lead Contaminated Material	5.94	
02 83 19 13-0113	EA	Up To 6" Diameter Hangers, Demolition Of Lead Contaminated Material	12.77	
02 83 19 13-0114	LF	Up To 2" Diameter Pipes, Demolition Of Lead Contaminated Material	5.24	
02 83 19 13-0115	LF	>2" To 4" Diameter Pipes, Demolition Of Lead Contaminated Material	7.64	
02 83 19 13-0116	LF	>4" To 8" Diameter Pipes, Demolition Of Lead Contaminated Material	11.54	
02 83 19 13-0117	LF	>8" To 12" Diameter Pipes, Demolition Of Lead Contaminated Material	21.28	
02 83 19 13-0118	EA	Radiators, Demolition Of Lead Contaminated Material	91.94	
02 83 19 13-0119	EA	Shutters And Louvered, Up To 6', Demolition Of Lead Contaminated Material	35.83	
02 83 19 13-0120	SF	Siding, Demolition Of Lead Contaminated Material	1.43	
02 83 19 13-0121	SF	Up To 12" Wide Soffit, Demolition Of Lead Contaminated Material	1.21	
02 83 19 13-0122	SF	Steel, Flat Surfaces And Tanks Up To 12', Demolition Of Lead Contaminated Material	3.32	
02 83 19 13-0123	SF	Steel Beams, Demolition Of Lead Contaminated Material	3.90	
02 83 19 13-0124	SF	Trusses, Demolition Of Lead Contaminated Material	5.11	
02 83 19 13-0125	SF	Walls, Wood, Demolition Of Lead Contaminated Material	3.79	
02 83 19 13-0126	SF	Windows, Demolition Of Lead Contaminated Material	12.72	
02 83 19 13-0127	SF	Metal Stair, Demolition Of Lead Contaminated Material	6.09	
02 83 19 13-0128	LF	Metal Railing And Posts, Demolition Of Lead Contaminated Material	7.30	
02 83 19 13-0129	SF	Plywood, Demolition Of Lead Contaminated Material	5.50	
02 83 19 13-0130	SF	Planks (Various Sizes), Demolition Of Lead Contaminated Material	2.69	
02 83 19 13-0131	SF	Ceramic Tile, Walls Or Floor, Demolition Of Lead Contaminated Material	3.10	
02 83 19 13-0132	EA	Metal Brackets Or Other Small Metal Shapes, Demolition Of Lead Contaminated Material	16.78	
02 83 19 13-0133	SF	Ceramic Tile Block, Demolition Of Lead Contaminated Material	3.66	
02 83 19 13-0134	LF	Metal Hand Rails, Demolition Of Lead Contaminated Material	4.47	
02 83 19 13-0135	LF	Metal Guard Rails, Demolition Of Lead Contaminated Material	10.06	
02 83 19 13-0136	LF	Roof Metal Trim, Demolition Of Lead Contaminated Material	2.15	
02 83 19 13-0137	LF	Rain Gutters, Demolition of Lead Contaminated Material	2.15	
02 83 19 13-0138	LF	Roof Metal Flashing, Demolition of Lead Contaminated Material	2.15	
02 83 19 13-0139	SF	Up To 100 SF Gypsum Wall Board, Demolition Of Lead Contaminated Material	5.37	
02 83 19 13-0140	SF	101 To 500 SF Gypsum Wall Board, Demolition Of Lead Contaminated Material	3.86	
02 83 19 13-0141	SF	501 To 2500 SF Gypsum Wall Board, Demolition Of Lead Contaminated Material	3.02	
02 83 19 13-0142	SF	Over 2500 SF Gypsum Wall Board, Demolition Of Lead Contaminated Material	2.35	
02 83 19 13-0143	SF	Up To 100 SF Plaster/Stucco, Demolition Of Lead Contaminated Material	16.78	
02 83 19 13-0144	SF	101 To 500 SF Plaster/Stucco, Demolition Of Lead Contaminated Material	11.93	
02 83 19 13-0145	SF	501 To 2500 SF Plaster/Stucco, Demolition Of Lead Contaminated Material	8.95	
02 83 19 13-0146	SF	2501 To 10000 SF Plaster/Stucco, Demolition Of Lead Contaminated Material	6.72	
02 83 19 13-0147		Wet Sanding Of Lead Contaminated Material *(02 83 19 13)*		
02 83 19 13-0148	SF	Wet Sand/Scrape Of Lead Contaminated Material For Prep Before New Paint	1.45	
02 83 19 13-0149		Lead Abatement Encapsulation *(02 83 19 13)* Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0150	SF	Balustrades, Lead Abatement Encapsulation	4.54	
02 83 19 13-0151	LF	Up To 6" Wide, Baseboard, Lead Abatement Encapsulation	5.31	
02 83 19 13-0152	LF	>6" To 12" Wide, Baseboard, Lead Abatement Encapsulation	7.14	
02 83 19 13-0153	SF	Brick, Concrete Block, Concrete, Lead Abatement Encapsulation	2.88	
02 83 19 13-0154	SF	Ornate Cabinets, Lead Abatement Encapsulation	6.60	
02 83 19 13-0155	SF	Simple Design Cabinets, Lead Abatement Encapsulation	5.36	
02 83 19 13-0156	SF	Drywall Ceilings, Lead Abatement Encapsulation	1.76	
02 83 19 13-0157	SF	Wood Ceilings, Lead Abatement Encapsulation	2.16	
02 83 19 13-0158	SF	Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation	2.00	
02 83 19 13-0159	SF	Columns, Lead Abatement Encapsulation	3.50	
02 83 19 13-0160	SF	Doors, Lead Abatement Encapsulation	7.78	
02 83 19 13-0161	LF	Up To 2" Electrical Conduit, Lead Abatement Encapsulation	2.97	
02 83 19 13-0162	SF	Picket Fence (Brush), Lead Abatement Encapsulation	2.05	
02 83 19 13-0163	SF	Wood Floors (Roller), Lead Abatement Encapsulation	1.69	
02 83 19 13-0164	SF	Grilles, Vents, Lead Abatement Encapsulation	4.90	
02 83 19 13-0165	LF	Gutters And Downspouts, Lead Abatement Encapsulation	4.54	
02 83 19 13-0166	EA	Hangers, Lead Abatement Encapsulation	39.31	
02 83 19 13-0167	LF	Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation	2.75	
02 83 19 13-0168	LF	>4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation	3.90	
02 83 19 13-0169	LF	>8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation	6.01	
02 83 19 13-0170	LF	>12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation	8.86	
02 83 19 13-0171	EA	Radiators, Lead Abatement Encapsulation	165.96	
02 83 19 13-0172	EA	Up To 6' Shutters, Lead Abatement Encapsulation	143.58	
02 83 19 13-0173	SF	Siding, Lead Abatement Encapsulation	2.46	
02 83 19 13-0174	SF	Up To 12" Soffit, Lead Abatement Encapsulation	3.50	
02 83 19 13-0175	SF	Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation	2.88	
02 83 19 13-0176	SF	Steel Beams And Metal Decks, Lead Abatement Encapsulation	3.79	
02 83 19 13-0177	SF	Trusses, Lead Abatement Encapsulation	3.79	
02 83 19 13-0178	SF	Drywall Walls, Lead Abatement Encapsulation	1.57	
02 83 19 13-0179	SF	Wood Walls, Lead Abatement Encapsulation	1.94	
02 83 19 13-0180	EA	Double Hung Window, Lead Abatement Encapsulation	143.27	
02 83 19 13-0181	EA	Colonial Window, Lead Abatement Encapsulation	168.30	
02 83 19 13-0182	LF	Frames And Trim, Lead Abatement Encapsulation	2.62	
02 83 19 13-0183	LF	Steel Lintels, Lead Abatement Encapsulation	2.98	

02 83 33 Removal and Disposal of Material Containing Lead *(02 83)*

02 83 33 13 Lead-Based Paint Removal and Disposal *(02 83 33)*

02 83 33 13-0001 Remove Loose Dirt And Debris Containing Lead *(02 83 33 13)*

02 83 33 13-0002	SF	HEPA Vacuum And Wet Clean Lead Contaminated Area With Mild Detergent	0.22	
02 83 33 13-0003	SF	HEPA Vacuum And Wet Clean Lead Contaminated Area With Tri-Sodium Phosphate	0.24	
02 83 33 13-0004	SF	HEPA Vacuum And Shampoo Lead Contaminated Carpeting	1.06	

02 84 Polychlorinate Biphenyl Remediation *(02 80)*

02 84 16 Handling Of Lighting Ballasts and Lamps Containing PBCs and Mercury *(02 84)*

02 84 16 00-0001 Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures *(02 84 16)*

Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.

02 84 16 00-0002	EA	Remove TSCA-Exempt PCB And Non-PCB Ballast From A Demolished Fixture For Recycling	6.61	

02 84 16 00-0003 Recycle TSCA-Exempt PCB And Non-PCB Ballasts *(02 84 16)*

Note: Non leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.

02 84 16 00-0004	EA	Recycle Non-PCB Ballast Removed From Up To 4' Length Fixtures	0.85	
02 84 16 00-0005	EA	Recycle Non-PCB Ballast Removed From >4' To 8' Length Fixtures	1.27	
02 84 16 00-0006	EA	Recycle TSCA-Exempt PCB Ballast Removed From Up To 4' Length Fixtures	3.94	
02 84 16 00-0007	EA	Recycle TSCA-Exempt PCB Ballast Removed From >4' To 8' Length Fixtures	9.02	

02 84 16 00-0008 Disposal Of Leaking PCB And Non-PCB Ballasts *(02 84 16)*

Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.

02 84 16 00-0009	EA	Dispose Of Leaking Non-PCB Ballast Removed From Up To 4' Length Fixtures	2.11	
02 84 16 00-0010	EA	Dispose Of Leaking Non-PCB Ballast Removed From >4' To 8' Length Fixtures	3.17	
02 84 16 00-0011	EA	Dispose Of Leaking PCB Ballast Removed From Up To 4' Length Fixtures	5.92	
02 84 16 00-0012	EA	Dispose Of Leaking PCB Ballast Removed From >4' To 8' Length Fixtures	13.52	

02 84 33 Removal and Disposal of Polychlorinate Biphenyls *(02 84)*

02 84 33 00-0001 Removal And Disposal Of Polychlorinate Biphenyls Oil Filled Transformers *(02 84 33)*

Note: Includes disposal in approved container, rigging, manifesting, hauling, etc.

02 84 33 00-0002	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Non PCB Note: Includes disposal costs.	1,615.32	
02 84 33 00-0003	EA	Removal And Disposal Of Transformers 20 KVA, Non PCB Note: Includes disposal costs.	2,509.09	
02 84 33 00-0004	EA	Removal And Disposal Of Switch, Non PCB	761.89	
02 84 33 00-0005	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, PCB Note: Includes disposal costs.	2,947.93	
02 84 33 00-0006	EA	Removal And Disposal Of Switch, PCB	1,572.86	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 84 33 00-0007	EA	Removal And Disposal Of Transformers 20 KVA, PCB Note: Includes disposal costs.	4,603.56	

02 85 Mold Remediation *(02 80)*

Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which task applies. See CSI section 01 74 19 00-0030 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0002 for solid isolation barriers, 02 89 00 00-0016 for plastic sheeting for containment construction, 02 89 00 00-0023 for decontamination chambers.

02 85 00 00-0001 Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal *(02 85)*

Note: Treat fittings as additional lf of insulation.

02 85 00 00-0002 Pipe Insulation, Mold Abatement And Disposal *(02 85 00 00-0001)*

Note: Diameter is outer size of insulation.

02 85 00 00-0003 Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal *(02 85 00 00-0002)*

Note: Excludes encased fittings.

02 85 00 00-0004	LF	Up To 25 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	25.03
02 85 00 00-0005	LF	>25 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	18.68
02 85 00 00-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	14.00
02 85 00 00-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	10.51
02 85 00 00-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	7.88
02 85 00 00-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	6.85

02 85 00 00-0010 >6" Diameter Pipe Insulation, Mold Abatement And Disposal *(02 85 00 00-0002)*

02 85 00 00-0011	LF	Up To 25 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	28.78
02 85 00 00-0012	LF	>25 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	21.48
02 85 00 00-0013	LF	>250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	16.11
02 85 00 00-0014	LF	>500 To 2,500 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	12.08
02 85 00 00-0015	LF	>2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	9.06
02 85 00 00-0016	LF	>10,000 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	7.88

02 85 00 00-0017 Thermal Insulation, Mold Abatement And Disposal *(02 85)*

02 85 00 00-0018 Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal *(02 85 00 00-0017)*

02 85 00 00-0019	SF	Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	15.09
02 85 00 00-0020	SF	>50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	10.73
02 85 00 00-0021	SF	>500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	8.05
02 85 00 00-0022	SF	>2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal	6.04
02 85 00 00-0023	SF	>10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	4.63

02 85 00 00-0024 Surfacing Material, Mold Abatement And Disposal *(02 85)*

Note: e.g. fireproofing, acoustical plaster, etc.

02 85 00 00-0025 Stucco, Mold Abatement And Disposal *(02 85 00 00-0024)*

Note: Remove surface coat from brown coat or remove entire assembly, including lath.

02 85 00 00-0026	SF	Up To 100 SF, Stucco, Mold Abatement And Disposal	15.09
02 85 00 00-0027	SF	>100 To 500 SF, Stucco, Mold Abatement And Disposal	10.73
02 85 00 00-0028	SF	>500 To 2,500 SF, Stucco, Mold Abatement And Disposal	8.05
02 85 00 00-0029	SF	>2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal	6.04
02 85 00 00-0030	SF	>10,000 SF, Stucco, Mold Abatement And Disposal	4.54

02 85 00 00-0031 Acoustical Plaster, Mold Abatement And Disposal *(02 85 00 00-0024)*

Note: Remove surface coat from brown coat or remove entire assembly, including lath.

02 85 00 00-0032	SF	Up To 100 SF, Acoustical Plaster, Mold Abatement And Disposal	15.09
02 85 00 00-0033	SF	>100 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal	10.73
02 85 00 00-0034	SF	>500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal	8.05
02 85 00 00-0035	SF	>2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	6.04
02 85 00 00-0036	SF	>10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	4.54

02 85 00 00-0037 Gypsum Board, Mold Abatement And Disposal *(02 85 00 00-0024)*

02 85 00 00-0038	SF	Up To 100 SF, Gypsum Board, Mold Abatement And Disposal	4.83
02 85 00 00-0039	SF	>100 To 500 SF, Gypsum Board, Mold Abatement And Disposal	3.47
02 85 00 00-0040	SF	>500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal	2.72
02 85 00 00-0041	SF	>2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal	2.11
02 85 00 00-0042	SF	>10,000 SF, Gypsum Board, Mold Abatement And Disposal	1.51

02 85 00 00-0043 Fireproofing, Mold Abatement And Disposal *(02 85 00 00-0024)*

Note: Exposed surface area, includes associated overspray.

02 85 00 00-0044	SF	Up To 100 SF, Fireproofing, Mold Abatement And Disposal	15.09
02 85 00 00-0045	SF	>100 To 500 SF, Fireproofing, Mold Abatement And Disposal	14.79
02 85 00 00-0046	SF	>500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal	11.11
02 85 00 00-0047	SF	>2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal	8.33
02 85 00 00-0048	SF	>10,000 SF, Fireproofing, Mold Abatement And Disposal	6.25

02 85 00 00-0049 Flooring, Mold Abatement And Disposal *(02 85)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		Note: Includes cove base.		
02 85 00 00-0050		Floor Tile Or Linoleum, Mold Abatement And Disposal *(02 85 00 00-0049)*		
02 85 00 00-0051		Floor Tile Or Linoleum, Mold Abatement And Disposal *(02 85 00 00-0050)*		
		Note: Single layer or first of multiple layers.		
02 85 00 00-0052	SF	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	5.49	
		For Each Additional Layer, Add	*1.37*	
02 85 00 00-0053	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	3.45	
		For Each Additional Layer, Add	*0.86*	
02 85 00 00-0054	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.86	
		For Each Additional Layer, Add	*0.47*	
02 85 00 00-0055	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.00	
		For Each Additional Layer, Add	*0.25*	
02 85 00 00-0056	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	0.74	
		For Each Additional Layer, Add	*0.19*	
02 85 00 00-0057		Carpet, Mold Abatement And Disposal *(02 85 00 00-0049)*		
02 85 00 00-0058		Carpet, Glue Down, Mold Abatement And Disposal *(02 85 00 00-0057)*		
02 85 00 00-0059	SF	Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal	4.39	
02 85 00 00-0060	SF	>100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal	2.84	
02 85 00 00-0061	SF	>500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal	1.73	
02 85 00 00-0062	SF	>2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	1.10	
02 85 00 00-0063	SF	>10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	0.81	
02 85 00 00-0064		Carpet, Padded With Tack Strips, Mold Abatement And Disposal *(02 85 00 00-0057)*		
02 85 00 00-0065	SF	Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal	4.83	
		Note: Includes tack strips.		
02 85 00 00-0066	SF	>100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal	3.23	
		Note: Includes tack strips.		
02 85 00 00-0067	SF	>500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal	2.30	
		Note: Includes tack strips.		
02 85 00 00-0068	SF	>2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal	1.79	
		Note: Includes tack strips.		
02 85 00 00-0069	SF	>10,000 SF, Carpet And Pad, Mold Abatement And Disposal	1.34	
		Note: Includes tack strips.		
02 85 00 00-0070		Subflooring, Mold Abatement And Disposal *(02 85 00 00-0049)*		
02 85 00 00-0071	SF	Up To 100 SF, Subflooring, Mold Abatement And Disposal	6.40	
02 85 00 00-0072	SF	>100 To 500 SF, Subflooring, Mold Abatement And Disposal	3.99	
02 85 00 00-0073	SF	>500 To 2,500 SF, Subflooring, Mold Abatement And Disposal	2.50	
02 85 00 00-0074	SF	>2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal	1.45	
02 85 00 00-0075	SF	>10,000 SF, Subflooring, Mold Abatement And Disposal	0.86	
02 85 00 00-0076		Siding, Mold Abatement And Disposal *(02 85)*		
02 85 00 00-0077		Interior Paneling, Mold Abatement And Disposal *(02 85 00 00-0076)*		
		Note: Includes detachment of mounted objects before removal.		
02 85 00 00-0078	SF	Up To 100 SF, Interior Paneling, Mold Abatement And Disposal	4.83	
		Note: Includes detachment of mounted objects before removal.		
02 85 00 00-0079	SF	>100 To 500 SF, Interior Paneling, Mold Abatement And Disposal	3.44	
		Note: Includes detachment of mounted objects before removal.		
02 85 00 00-0080	SF	>500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal	2.37	
		Note: Includes detachment of mounted objects before removal.		
02 85 00 00-0081	SF	>2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal	1.32	
		Note: Includes detachment of mounted objects before removal.		
02 85 00 00-0082	SF	>10,000 SF, Interior Paneling, Mold Abatement And Disposal	0.97	
		Note: Includes detachment of mounted objects before removal.		
02 85 00 00-0083		Exterior Siding, Mold Abatement And Disposal *(02 85 00 00-0076)*		
02 85 00 00-0084	SF	Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal	6.71	
02 85 00 00-0085	SF	>100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal	4.32	
02 85 00 00-0086	SF	>500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal	2.95	
02 85 00 00-0087	SF	>2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	1.93	
02 85 00 00-0088	SF	>10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	1.73	
02 85 00 00-0089		Contaminated Debris, Mold Abatement And Disposal *(02 85)*		
02 85 00 00-0090		Contaminated Debris, Mold Abatement And Disposal *(02 85 00 00-0089)*		
02 85 00 00-0091	CF	Up To 10 CF, Contaminated Debris, Mold Abatement And Disposal	27.84	
02 85 00 00-0092	CF	>10 To 100 CF, Contaminated Debris, Mold Abatement And Disposal	16.71	
02 85 00 00-0093	CF	>100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal	11.13	
02 85 00 00-0094	CF	>250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal	8.35	
02 85 00 00-0095	CF	>500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal	6.68	
02 85 00 00-0096	CF	>2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal	3.65	
02 85 00 00-0097	CF	>10,000 CF, Contaminated Debris, Mold Abatement And Disposal	3.28	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 85 00 00-0098		Other Mold Containing Materials, Mold Abatement And Disposal *(02 85)*		
02 85 00 00-0099		Wood Studs, Mold Abatement And Disposal *(02 85 00 00-0098)*		
		Note: 2" x 4" or 2" x 6" exposed studs in walls. Excludes surfacing material.		
02 85 00 00-0100	LF	Up To 100 LF, Wood Studs, Mold Abatement And Disposal	2.71	
02 85 00 00-0101	LF	>100 To 500 LF, Wood Studs, Mold Abatement And Disposal	1.94	
02 85 00 00-0102	LF	>500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal	1.42	
02 85 00 00-0103	LF	>2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal	1.09	
02 85 00 00-0104	LF	>10,000 LF, Wood Studs, Mold Abatement And Disposal	0.81	
02 85 00 00-0105		Ceiling Tile, Mold Abatement And Disposal *(02 85 00 00-0098)*		
		Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.		
02 85 00 00-0106	SF	Up To 200 SF, Ceiling Tile, Mold Abatement And Disposal	8.05	
02 85 00 00-0107	SF	>200 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal	6.04	
02 85 00 00-0108	SF	>1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal	2.75	
02 85 00 00-0109	SF	>2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal	1.93	
02 85 00 00-0110	SF	>10,000 SF, Ceiling Tile, Mold Abatement And Disposal	1.73	
02 85 00 00-0111		Caulking, Mold Abatement And Disposal *(02 85 00 00-0098)*		
02 85 00 00-0112	LF	Up To 10 LF, Caulking, Mold Abatement And Disposal	2.84	
02 85 00 00-0113	LF	>10 To 50 LF, Caulking, Mold Abatement And Disposal	2.42	
02 85 00 00-0114	LF	>50 To 100 LF, Caulking, Mold Abatement And Disposal	1.73	
02 85 00 00-0115	LF	>100 To 250 LF, Caulking, Mold Abatement And Disposal	1.31	
02 85 00 00-0116	LF	>250 To 1,000 LF, Caulking, Mold Abatement And Disposal	0.97	
02 85 00 00-0117	LF	>1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal	0.78	
02 85 00 00-0118	LF	>2,500 LF, Caulking, Mold Abatement And Disposal	0.67	
02 85 00 00-0119		Wipe Down Walls, Ceilings And Floors *(02 85 00 00-0098)*		
02 85 00 00-0120	CSF	Wipe Down Floors With Mild Bleach Solution	13.42	
02 85 00 00-0121	CSF	Wipe Down Walls With Mild Bleach Solution	15.78	
02 85 00 00-0122	CSF	Wipe Down Ceilings With Mild Bleach Solution	17.96	
02 85 00 00-0123	CSF	Wipe Down Countertops With Mild Bleach Solution	14.64	
02 85 00 00-0124	CSF	Wipe Down Other Surfaces With Mild Bleach Solution	18.58	
02 85 00 00-0125		Cabinets *(02 85 00 00-0098)*		
02 85 00 00-0126	LF	Up To 20 LF, Base Cabinet, Mold Abatement And Disposal	49.41	
02 85 00 00-0127	LF	>20 LF, Base Cabinet, Mold Abatement And Disposal	34.88	
02 85 00 00-0128	LF	Up To 20 LF, Wall Cabinet, Mold Abatement And Disposal	43.60	
02 85 00 00-0129	LF	>20 LF, Wall Cabinet, Mold Abatement And Disposal	29.07	
02 86		Hazardous Waste Drum Handling *(02 80)*		
02 86 00 00-0001		Hazardous Waste Packaging *(02 86)*		
02 86 00 00-0002		Overpacks *(02 86 00 00-0001)*		
02 86 00 00-0003		Steel Salvage Drums, 16 Gauge *(02 86 00 00-0002)*		
02 86 00 00-0004	EA	110 Gallon, 30" Diameter X 41" High	161.68	
02 86 00 00-0005	EA	85 Gallon, 26" Diameter X 38" High	92.03	
02 86 00 00-0006	EA	83 Gallon, 26" Diameter X 36" High	88.82	
02 86 00 00-0007	EA	55 Gallon, DOT 17C, 18" Diameter X 34" High	55.57	
02 86 00 00-0008	EA	30 Gallon, DOT 17C, 18" Diameter X 28" High	43.78	
02 86 00 00-0009	EA	22 Gallon, 16" Diameter X 25" High	29.49	
02 86 00 00-0010	EA	15 Gallon, DOT 17C, 14" Diameter X 24" High	26.67	
02 86 00 00-0011	EA	10 Gallon, 13.8" Diameter X 15" High	23.50	
02 86 00 00-0012		Polyethylene Overpacks *(02 86 00 00-0002)*		
02 86 00 00-0013	EA	95 Gallon, DOT E9618, Twist On Lid 31" Diameter X 41" High	182.62	
02 86 00 00-0014	EA	20 Gallon, Labpack, Twist On Lid 21" Diameter X 7.5" High	33.75	
02 86 00 00-0015	EA	85 Gallon, DOT E9775, Clamp Ring Lid, 27" Diameter X 41" High	165.25	
02 86 00 00-0016		Composite Overpacks *(02 86 00 00-0002)*		
02 86 00 00-0017	EA	55 Gal, DOT 17C, Steel Drum Nested With 2-20 Gallon Fiber Drums	89.68	
02 86 00 00-0018	EA	55 Gal, DOT 17C, Steel Drum Nested With 4-10 Gallon Fiber Drums	123.06	
02 86 00 00-0019	EA	85 Gal, 16 Gauge Salvage Drum Nested With 3-20 Gallon Fiber Drums	166.91	
02 86 00 00-0020		DOT E-9168 Exempt Packaging *(02 86 00 00-0002)*		
02 86 00 00-0021	EA	32 Oz Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	9.78	
02 86 00 00-0022	EA	950 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	10.32	
02 86 00 00-0023	EA	500 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	10.09	
02 86 00 00-0024	EA	250 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	5.00	
02 86 00 00-0025	EA	Can, Carton, Insert, Tape - Corrosive And Flammable - UPS	4.80	
02 86 00 00-0026	EA	16 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	3.49	
02 86 00 00-0027	EA	32 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	4.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 86 00 00-0028		Steel Drums *(02 86 00 00-0001)*		
02 86 00 00-0029		UN Rated Steel Drums *(02 86 00 00-0028)*		
02 86 00 00-0030	EA	UN 1A2/X 320/S 55 Gallon, Open, 16 Gauge, Steel Drum	58.44	
02 86 00 00-0031	EA	UN 1A2/X 320/S 55 Gallon, Closed, 16 Gauge, Steel Drum	55.23	
02 86 00 00-0032	EA	UN 1A2/Y 1.4/100 55 Gallon, Open, 16 Gauge, Steel Drum	44.78	
02 86 00 00-0033	EA	UN 1A2/Y 1.4/100 55 Gallon, Closed, 16 Gauge, Steel Drum	35.29	
02 86 00 00-0034	EA	UN 1A2/X 160/S 30 Gallon, Open, 18 Gauge, Steel Drum	40.91	
02 86 00 00-0035	EA	UN 1A2/Y 1.4/100 30 Gallon, Open, 18 Gauge, Steel Drum	34.78	
02 86 00 00-0036	EA	30 Gallon, 17E, Open	25.23	
02 86 00 00-0037	EA	20 Gallon, 17C, Open	35.46	
02 86 00 00-0038	EA	20 Gallon, 17E, Open	23.87	
02 86 00 00-0039	EA	8 Gallon, 17C, Open	30.11	
02 86 00 00-0040	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (10-24)	1,027.21	
02 86 00 00-0041	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (25-49)	1,007.98	
02 86 00 00-0042	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (50+)	907.95	
02 86 00 00-0043	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	969.51	
02 86 00 00-0044	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	946.42	
02 86 00 00-0045	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	929.11	
02 86 00 00-0046	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	836.78	
02 86 00 00-0047	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (1-9)	732.90	
02 86 00 00-0048	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (10-24)	715.59	
02 86 00 00-0049	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (25-49)	702.12	
02 86 00 00-0050	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (50+)	632.87	
02 86 00 00-0051	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	596.32	
02 86 00 00-0052	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	573.24	
02 86 00 00-0053	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	548.23	
02 86 00 00-0054	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	529.00	
02 86 00 00-0055	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (1-9)	1,002.21	
02 86 00 00-0056	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (10-24)	982.97	
02 86 00 00-0057	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (25-49)	886.79	
02 86 00 00-0058	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (50+)	840.62	
02 86 00 00-0059	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (1-9)	929.11	
02 86 00 00-0060	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (10-24)	911.80	
02 86 00 00-0061	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (25-49)	821.39	
02 86 00 00-0062	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (50+)	779.07	
02 86 00 00-0063	EA	55 Gallon Reconditioned Steel 17h Drum (1-9)	43.20	
02 86 00 00-0064	EA	55 Gallon Reconditioned Steel 17h Drum (10-24)	38.29	
02 86 00 00-0065	EA	55 Gallon Reconditioned Steel 17h Drum (25-49)	33.38	
02 86 00 00-0066	EA	55 Gallon Reconditioned Steel 17h Drum (50+)	29.46	
02 86 00 00-0067		Plastic Drums *(02 86 00 00-0001)*		
02 86 00 00-0068		Polyethylene Closed Head Drums *(02 86 00 00-0067)*		
		Note: Closed head drums have standard NPS (National Pipe Standard) plug and drain vents. Primarily for liquids.		
02 86 00 00-0069	EA	55 Gallon Polyethylene Closed Head Drums	36.68	
02 86 00 00-0070	EA	35 Gallon Polyethylene Closed Head Drums	28.16	
02 86 00 00-0071	EA	30 Gallon Polyethylene Closed Head Drums	25.57	
02 86 00 00-0072	EA	20 Gallon Polyethylene Closed Head Drums	17.86	
02 86 00 00-0073	EA	15 Gallon Polyethylene Closed Head Drums	17.52	
02 86 00 00-0074		Polyethylene Open Head Drums *(02 86 00 00-0067)*		
		Note: Open head drums are primarily used for solids and sludge.		
02 86 00 00-0075	EA	55 Gallon Polyethylene Open Head Drums	46.37	
02 86 00 00-0076	EA	35 Gallon Polyethylene Open Head Drums	34.09	
02 86 00 00-0077	EA	30 Gallon Polyethylene Open Head Drums	32.39	
02 86 00 00-0078	EA	20 Gallon Polyethylene Open Head Drums	23.87	
02 86 00 00-0079	EA	15 Gallon Polyethylene Open Head Drums	20.46	
02 86 00 00-0080		Fiber Drums *(02 86 00 00-0001)*		
02 86 00 00-0081		Steel Top/Fiber Bottom Drums, Hazardous *(02 86 00 00-0080)*		
		Note: Waste fiber drums have tubular rubber gaskets and caulked bottom seams.		
02 86 00 00-0082	EA	30 Gallon Fiber Drum DOT-21C (1-9)	28.09	
02 86 00 00-0083	EA	30 Gallon Fiber Drum DOT-21C (10-24)	26.32	
02 86 00 00-0084	EA	30 Gallon Fiber Drum DOT-21C (25-49)	24.00	
02 86 00 00-0085	EA	30 Gallon Fiber Drum DOT-21C (50+)	23.73	
02 86 00 00-0086	EA	55 Gallon Fiber Drum DOT-21C (1-9)	28.91	
02 86 00 00-0087	EA	55 Gallon Fiber Drum DOT-21C (10-24)	27.27	
02 86 00 00-0088	EA	55 Gallon Fiber Drum DOT-21C (25-49)	25.23	
02 86 00 00-0089	EA	55 Gallon Fiber Drum DOT-21C (50-99)	24.41	
02 86 00 00-0090	EA	55 Gallon Fiber Drum DOT-21C (100+)	21.14	
02 86 00 00-0091	EA	10 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	18.00	
02 86 00 00-0092	EA	20 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	19.64	
02 86 00 00-0093	EA	20 Gallon, 23" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	22.91	
02 86 00 00-0094		Loading Hazardous Waste For Shipment *(02 86 00 00-0001)*		
02 86 00 00-0095	EA	Load Drums On Disposal Truck	7.72	
02 86 00 00-0096	EA	Load Liquid Or Sludge Into 5000 Gallon Bulk Tank Truck	876.03	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 86 00 00-0097		Transport Drums To Landfill *(02 86 00 00-0001)* Note: Includes transportation for up to 25 miles.		
02 86 00 00-0098	EA	Transport Drum To Landfill Note: Includes transportation for up to 25 miles.	47.68	

02 87 Bio-Hazard Material Remediation *(02 80)*

Note: Tasks includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, disposal, personnel health monitoring, documentation and other associated costs necessary for the complete removal and disposal of the contaminated material in accordance with EPA and local regulations. The quantity of the entire project, not a particular work area, is to be used in determining which tasks apply. There is a task with a unit of measure of EA for a quantity of less than 10 SF, followed by a series of tasks for additional quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus each additional task in sequence to arrive at the total quantity for the entire project, not a particular work area.

02 87 00 00-0001 Bird Waste Removal *(02 87)*

Note: In addition to items listed the the Bio-Hazard Material Remediation note above, tasks include wetting agents and disinfection of contaminated surfaces.

02 87 00 00-0002	EA	<10 SF Bird Waste Removal, Up To 3" Thickness	483.06	
		For Work In Restricted Working Space, Add	*144.92*	
02 87 00 00-0003	SF	10 To 500 SF Bird Waste Removal, Up To 3" Thickness	8.05	
		For Work In Restricted Working Space, Add	*2.42*	
02 87 00 00-0004	SF	501 To 2500 SF Bird Waste Removal, Up To 3" Thickness	7.31	
		For Work In Restricted Working Space, Add	*2.19*	
02 87 00 00-0005	SF	2501 To 10000 SF Bird Waste Removal, Up To 3" Thickness	6.66	
		For Work In Restricted Working Space, Add	*2.00*	
02 87 00 00-0006	SF	Over 10000 SF Bird Waste Removal, Up To 3" Thickness	6.05	
		For Work In Restricted Working Space, Add	*1.82*	

02 89 Hazmat Ancillary Tasks And Support *(02 80)*

02 89 00 00-0001 Barriers And Protection *(02 89)*

Note: Includes removal and disposal after use.

02 89 00 00-0002 Isolation Barriers/Infectious Control *(02 89 00 00-0001)*

Note: Use framing task with applicable barrier task. See CSI section 01 56 16 00-0015 for temporary stud walls.

02 89 00 00-0003	SF	Framing for Isolation Barrier, Metal Construction	2.28
02 89 00 00-0004	SF	1/2" Plywood For Solid Isolation Barrier	2.71
02 89 00 00-0005	SF	Plastic Sheeting For Separation Barrier	0.29
02 89 00 00-0006	SF	6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, For Separation Barrier	0.66
02 89 00 00-0007	EA	7' Zipper Door For Plastic Sheeting	25.85
02 89 00 00-0008	SF	1/2" Drywall For Solid Isolation Barrier	1.21
02 89 00 00-0009	SF	5/8" Drywall For Solid Isolation Barrier	1.33
02 89 00 00-0010	SF	Relocate Isolation Barrier	1.50

02 89 00 00-0011 Cleaning Surfaces *(02 89 00 00-0001)*

Note: Other surfaces within contamination area but not contaminated by, or part of removal.

02 89 00 00-0012	SF	Up To 100 SF, Clean Asbestos Surface	0.59
02 89 00 00-0013	SF	>100 To 500 SF, Clean Asbestos Surface	0.36
02 89 00 00-0014	SF	>500 To 1,000 SF, Clean Asbestos Surface	0.28
02 89 00 00-0015	SF	>1,000 SF, Clean Asbestos Surface	0.23

02 89 00 00-0016 Hazmat Containment Construction *(02 89 00 00-0001)*

02 89 00 00-0017	SF	6 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction	0.30
02 89 00 00-0018	SF	6 Mil Plastic Sheeting, Applied To Walls, Hazmat Containment Construction	0.38
02 89 00 00-0019	SF	6 Mil Plastic Sheeting, Applied To Ceilings, Hazmat Containment Construction	0.52
02 89 00 00-0020	SF	6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Floors, Hazmat Containment Construction	0.51
02 89 00 00-0021	SF	6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Walls, Hazmat Containment Construction	0.64
02 89 00 00-0022	SF	6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Ceilings, Hazmat Containment Construction	0.82

02 89 00 00-0023 Decontamination Chambers *(02 89)*

Note: Includes removal after use.

02 89 00 00-0024	EA	Portable Personnel Decontamination Wash Facility (3 Stage) Note: Includes connection to negative air system.	561.62	
		For Dismantling And Relocation To A Different Area, Add	*346.69*	
02 89 00 00-0025	EA	Portable Waste Decontamination Unit Note: Includes connection to negative air system.	357.18	
		For Dismantling And Relocation To A Different Area, Add	*249.72*	

02 90 Disaster Recovery *(02)*

Note: The tasks in this division are only to be used when specifically requested by the Owner and are not to be combined with tasks from other divisions of this or other Construction Task Catalogs® unless specifically requested by the Owner.

02 90 50 Cleaning And Emergency Clean-up *(02 90)*

02 90 50 00-0001 Cleaning *(02 90 50)*

Note: Use "Light Clean" when soot or dust is barely evident. Use "Medium Clean" when paint color can be seen through the soot or dust. Use "Heavy Clean" when paint color can not be seen. Includes all man power, equipment and expendables required

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0002		**Clean Furnishings** *(02 90 50 00-0001)*		
02 90 50 00-0003	EA	Office Equipment, Exterior Wipe	24.06	
		For Medium Clean, Add	*10.11*	
		For Heavy Clean, Add	*31.28*	
02 90 50 00-0004	SF	Bookcase (Per SF Of Face Area), Light Clean	1.34	
		For Medium Clean, Add	*0.56*	
		For Heavy Clean, Add	*1.74*	
02 90 50 00-0005	LF	Shelving, Light Clean	2.41	
		For Medium Clean, Add	*1.01*	
		For Heavy Clean, Add	*3.13*	
02 90 50 00-0006	EA	Plastic Or Metal Chair, Light Clean	6.95	
		For Medium Clean, Add	*2.92*	
		For Heavy Clean, Add	*9.04*	
02 90 50 00-0007	EA	Upholstered Chair, Light Clean	22.46	
		For Medium Clean, Add	*9.43*	
		For Heavy Clean, Add	*29.20*	
02 90 50 00-0008	EA	Upholstered Sofa, Light Clean	138.50	
		For Medium Clean, Add	*58.17*	
		For Heavy Clean, Add	*180.05*	
02 90 50 00-0009	EA	Desk, Light Clean	28.34	
		For Medium Clean, Add	*11.90*	
		For Heavy Clean, Add	*36.84*	
02 90 50 00-0010	EA	Table, Light Clean	26.74	
		For Medium Clean, Add	*11.23*	
		For Heavy Clean, Add	*34.76*	
02 90 50 00-0011	EA	Two Drawer File Cabinet, Light Clean	5.86	
		For Medium Clean, Add	*2.46*	
		For Heavy Clean, Add	*7.62*	
02 90 50 00-0012	EA	Four Drawer File Cabinet, Light Clean	7.50	
		For Medium Clean, Add	*3.15*	
		For Heavy Clean, Add	*9.75*	
02 90 50 00-0013	LF	Base Cabinet, Exterior Wipe, Light Clean	6.15	
		For Medium Clean, Add	*2.58*	
		For Heavy Clean, Add	*8.00*	
02 90 50 00-0014	LF	Base Cabinet, Exterior And Interior Wipe, Light Clean	12.03	
		For Medium Clean, Add	*5.05*	
		For Heavy Clean, Add	*15.64*	
02 90 50 00-0015	LF	Wall Cabinet, Exterior Wipe, Light Clean	6.15	
		For Medium Clean, Add	*2.58*	
		For Heavy Clean, Add	*8.00*	
02 90 50 00-0016	LF	Wall Cabinet, Exterior And Interior Wipe, Light Clean	10.70	
		For Medium Clean, Add	*4.49*	
		For Heavy Clean, Add	*13.91*	
02 90 50 00-0017	EA	Picture Frame, Glass And Back, Light Clean	2.57	
		For Medium Clean, Add	*1.08*	
		For Heavy Clean, Add	*3.34*	
02 90 50 00-0018		**Clean Hard Surfaces** *(02 90 50 00-0001)*		
02 90 50 00-0019	LF	Wood, Vinyl Or Rubber Baseboard, Light Clean	0.35	
		For Medium Clean, Add	*0.15*	
		For Heavy Clean, Add	*0.46*	
02 90 50 00-0020	EA	Door And Hardware (Per Side), Light Clean	4.55	
		For Medium Clean, Add	*1.91*	
		For Heavy Clean, Add	*5.92*	
02 90 50 00-0021	EA	Detailed Door And Hardware (Per Side), Light Clean	5.16	
		For Medium Clean, Add	*2.17*	
		For Heavy Clean, Add	*6.71*	
02 90 50 00-0022	SF	Overhead Door, Light Clean	0.36	
		For Medium Clean, Add	*0.15*	
		For Heavy Clean, Add	*0.47*	
02 90 50 00-0023	SF	Mirror, Light Clean	0.27	
		For Medium Clean, Add	*0.11*	
		For Heavy Clean, Add	*0.35*	
02 90 50 00-0024	SF	Window, Light Clean	0.79	
		For Medium Clean, Add	*0.33*	
		For Heavy Clean, Add	*1.03*	
02 90 50 00-0025	LF	Handrail, Light Clean	0.70	
		For Medium Clean, Add	*0.29*	
		For Heavy Clean, Add	*0.91*	
02 90 50 00-0026	LF	Bumper Rail, Light Clean	0.37	
		For Medium Clean, Add	*0.16*	
		For Heavy Clean, Add	*0.48*	
02 90 50 00-0027	SF	Hard Floor, Light Clean	0.31	
		For Medium Clean, Add	*0.13*	
		For Heavy Clean, Add	*0.40*	
02 90 50 00-0028	SF	Carpet, Light Clean	0.32	
		For Medium Clean, Add	*0.13*	
		For Heavy Clean, Add	*0.42*	
02 90 50 00-0029	SF	Hard Ceiling, Light Clean	0.25	
		For Medium Clean, Add	*0.11*	
		For Heavy Clean, Add	*0.33*	
02 90 50 00-0030	SF	Suspended Ceiling, Tile And Grid, Light Clean	0.27	
		For Medium Clean, Add	*0.11*	
		For Heavy Clean, Add	*0.35*	
02 90 50 00-0031	SF	Ceramic Tile Wall, Light Clean	0.22	
		For Medium Clean, Add	*0.09*	
		For Heavy Clean, Add	*0.29*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0032	SF	Wall, Light Clean	0.16	
		For Medium Clean, Add	*0.07*	
		For Heavy Clean, Add	*0.21*	
02 90 50 00-0033	SF	Masonry Wall, Light Clean	0.22	
		For Medium Clean, Add	*0.09*	
		For Heavy Clean, Add	*0.29*	
02 90 50 00-0034	EA	Up To 24 SF Area Rug, Off-Site Cleaning, Light Clean Note: Includes removal from site, cleaning, and return.	56.40	
		For Medium Clean, Add	*23.69*	
		For Heavy Clean, Add	*73.32*	
02 90 50 00-0035	EA	>24 To 96 SF Area Rug, Off-Site Cleaning, Light Clean Note: Includes removal from site, cleaning, and return.	70.49	
		For Medium Clean, Add	*29.61*	
		For Heavy Clean, Add	*91.64*	
02 90 50 00-0036	EA	>96 To 140 SF Area Rug, Off-Site Cleaning, Light Clean Note: Includes removal from site, cleaning, and return.	84.59	
		For Medium Clean, Add	*35.53*	
		For Heavy Clean, Add	*109.97*	
02 90 50 00-0037	EA	>140 To 216 SF Area Rug, Off-Site Cleaning, Light Clean	98.69	
		For Medium Clean, Add	*41.45*	
		For Heavy Clean, Add	*128.30*	

02 90 50 00-0038 Clean Window Treatments *(02 90 50 00-0001)*

02 90 50 00-0039	SF	Window Blind, Light Clean	0.61	
		For Medium Clean, Add	*0.26*	
		For Heavy Clean, Add	*0.79*	
02 90 50 00-0040	EA	Up To 6' Long Drapery (Per Pleat), Light Clean	1.25	
		For Medium Clean, Add	*0.53*	
		For Heavy Clean, Add	*1.63*	
02 90 50 00-0041	EA	Up To 6' Long Lined Drapery (Per Pleat), Light Clean	1.44	
		For Medium Clean, Add	*0.60*	
		For Heavy Clean, Add	*1.87*	
02 90 50 00-0042	EA	>6' To 8' Drapery (Per Pleat), Light Clean	1.32	
		For Medium Clean, Add	*0.55*	
		For Heavy Clean, Add	*1.72*	
02 90 50 00-0043	EA	>6' To 8' Lined Drapery (Per Pleat), Light Clean	1.52	
		For Medium Clean, Add	*0.64*	
		For Heavy Clean, Add	*1.98*	
02 90 50 00-0044	EA	>8' To 10' Drapery (Per Pleat), Light Clean	1.61	
		For Medium Clean, Add	*0.68*	
		For Heavy Clean, Add	*2.09*	
02 90 50 00-0045	EA	>8' To 10' Lined Drapery (Per Pleat), Light Clean	1.85	
		For Medium Clean, Add	*0.78*	
		For Heavy Clean, Add	*2.41*	

02 90 50 00-0046 Clean Appliances *(02 90 50 00-0001)*

02 90 50 00-0047	EA	Microwave Oven, Outside, Light Clean	11.08	
		For Medium Clean, Add	*4.65*	
		For Heavy Clean, Add	*14.40*	
02 90 50 00-0048	EA	Refrigerator, Outside, Light Clean	26.11	
		For Medium Clean, Add	*10.97*	
		For Heavy Clean, Add	*33.94*	
02 90 50 00-0049	EA	Range, Outside, Light Clean	22.56	
		For Medium Clean, Add	*9.48*	
		For Heavy Clean, Add	*29.33*	

02 90 50 00-0050 Clean Plumbing *(02 90 50 00-0001)*

02 90 50 00-0051	EA	Water Heater, Light Clean	16.04	
		For Medium Clean, Add	*6.74*	
		For Heavy Clean, Add	*20.85*	
02 90 50 00-0052	EA	Plumbing Fixture, Light Clean	16.20	
		For Medium Clean, Add	*6.80*	
		For Heavy Clean, Add	*21.06*	
02 90 50 00-0053	EA	Restroom Accessory, Light Clean	7.43	
		For Medium Clean, Add	*3.12*	
		For Heavy Clean, Add	*9.66*	

02 90 50 00-0054 Clean HVAC *(02 90 50 00-0001)*

02 90 50 00-0055	LF	Baseboard Heater, Light Clean	4.79	
		For Medium Clean, Add	*2.01*	
		For Heavy Clean, Add	*6.23*	
02 90 50 00-0056	LF	Ductwork, Exterior Wipe, Light Clean	13.37	
		For Medium Clean, Add	*5.62*	
		For Heavy Clean, Add	*17.38*	
02 90 50 00-0057	EA	Ductwork, Interior (Per Grille/Register), Light Clean	51.34	
		For Medium Clean, Add	*21.56*	
		For Heavy Clean, Add	*66.74*	
02 90 50 00-0058	EA	Grille/Register, Light Clean	4.81	
		For Medium Clean, Add	*2.02*	
		For Heavy Clean, Add	*6.25*	
02 90 50 00-0059	EA	Air Handling Unit, Exterior Wipe, Light Clean	33.34	
		For Medium Clean, Add	*14.00*	
		For Heavy Clean, Add	*43.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0060	EA	Furnace, Exterior Wipe, Light Clean	29.68	
		For Medium Clean, Add	*12.47*	
		For Heavy Clean, Add	*38.58*	

02 90 50 00-0061 Clean Electrical *(02 90 50 00-0001)*

02 90 50 00-0062	EA	Electric Fan, Light Clean	19.79	
		For Medium Clean, Add	*8.31*	
		For Heavy Clean, Add	*25.73*	
02 90 50 00-0063	EA	Ceiling Fan, Light Clean	21.39	
		For Medium Clean, Add	*8.98*	
		For Heavy Clean, Add	*27.81*	
02 90 50 00-0064	EA	Ceiling Fan And Light, Light Clean	27.81	
		For Medium Clean, Add	*11.68*	
		For Heavy Clean, Add	*36.15*	
02 90 50 00-0065	EA	Ceiling Exhaust Fan, Light Clean	19.52	
		For Medium Clean, Add	*8.20*	
		For Heavy Clean, Add	*25.38*	
02 90 50 00-0066	EA	2' x 4' Light Fixture, Light Clean	12.83	
		For Medium Clean, Add	*5.39*	
		For Heavy Clean, Add	*16.68*	
02 90 50 00-0067	EA	Light Fixture, Light Clean	5.88	
		For Medium Clean, Add	*2.47*	
		For Heavy Clean, Add	*7.64*	
02 90 50 00-0068	EA	Smoke Detector, Light Clean	4.55	
		For Medium Clean, Add	*1.91*	
		For Heavy Clean, Add	*5.92*	
02 90 50 00-0069	EA	Thermostat, Light Clean	1.60	
		For Medium Clean, Add	*0.67*	
		For Heavy Clean, Add	*2.08*	

02 90 50 00-0070 Thermal Fog *(02 90 50 00-0001)*

02 90 50 00-0071	CF	Clean And Deodorize Building With Thermal Fog	0.02	

02 90 50 00-0072 Contents Manipulation *(02 90 50)*

02 90 50 00-0073	SF	Cover Contents With Plastic	0.19	
02 90 50 00-0074	SF	Floor Protection - Adhesive Film	0.23	
02 90 50 00-0075	SF	Move Contents Out And Later Reset	0.43	
02 90 50 00-0076	MO	20' Long Job Site Storage Trailer	106.05	
02 90 50 00-0077	MO	40' Long Job Site Storage Trailer	140.64	
02 90 50 00-0078	EA	Delivery Or Pickup Job Site Storage Trailer	124.38	

02 90 50 00-0079 Water Emergency Clean-up *(02 90 50)*

02 90 50 00-0080	LF	Detach Baseboard	0.58	
02 90 50 00-0081	LF	Detach And Later Reset Baseboard	1.02	
02 90 50 00-0082	EA	Block And Pad Furniture (Per Piece Of Furniture)	3.77	
02 90 50 00-0083	SF	Water Extraction From Floor	0.39	
02 90 50 00-0084	SF	Gray Water Extraction From Floor	0.63	
02 90 50 00-0085	SF	Black Water Extraction From Floor	0.99	
02 90 50 00-0086	SF	Tear Out Wet Non Salvageable Carpet	0.32	
02 90 50 00-0087	SF	Tear Out Wet Non Salvageable Carpet, Black Water	0.37	
02 90 50 00-0088	SF	Tear Out Wet Non Salvageable Glue Down Carpet	0.55	
02 90 50 00-0089	SF	Tear Out Wet Non Salvageable Glue Down Carpet, Black Water	0.81	
02 90 50 00-0090	SF	Tear Out Vinyl Flooring	0.77	
02 90 50 00-0091	SF	Tear Out Vinyl Flooring, Black Water	1.13	
02 90 50 00-0092	SF	Tear Out Wood Flooring, Black Water	2.92	
02 90 50 00-0093	SF	Tear Out Laminated Wood Flooring	1.43	
02 90 50 00-0094	SF	Tear Out Laminated Wood Flooring, Black Water	2.11	
02 90 50 00-0095	SF	Tear Out Wet Ceiling Tile	0.24	
02 90 50 00-0096	SF	Tear Out Batt Insulation	0.24	
02 90 50 00-0097	SF	Tear Out Wet Gypsum Board	0.31	
02 90 50 00-0098	SF	Apply Antimicrobial Agent	0.18	
02 90 50 00-0099	SF	HEPA Vacuuming	0.31	

02 90 50 00-0100 Emergency Clean-up Labor *(02 90 50)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 50 00-0101	HR	Cleaning And Emergency Clean Up - General Laborer (Unskilled)	22.50	
02 90 50 00-0102	HR	Cleaning And Emergency Clean Up - General Laborer (Skilled)	30.00	
02 90 50 00-0103	HR	Cleaning And Emergency Clean Up - Skilled Tradesman	55.00	
02 90 50 00-0104	HR	Cleaning And Emergency Clean Up - Restoration Laborer	35.00	
02 90 50 00-0105	HR	Cleaning And Emergency Clean Up - Restoration Technician	45.00	
02 90 50 00-0106	HR	Cleaning And Emergency Clean Up - Restoration Supervisor	65.00	
02 90 50 00-0107	HR	Cleaning And Emergency Clean Up - Restoration Project Manager	90.00	
02 90 50 00-0108	HR	Cleaning And Emergency Clean Up - Assistant Project Manager	75.00	
02 90 50 00-0109	HR	Cleaning And Emergency Clean Up - Project Manager	95.00	
02 90 50 00-0110	HR	Cleaning And Emergency Clean Up - Project Director	145.00	
02 90 50 00-0111	HR	Cleaning And Emergency Clean Up - Resource Coordinator	45.00	
02 90 50 00-0112	HR	Cleaning And Emergency Clean Up - Project Accountant	75.00	
02 90 50 00-0113	HR	Cleaning And Emergency Clean Up - Corrosion Technician	65.00	
02 90 50 00-0114	HR	Cleaning And Emergency Clean Up - Sr. Corrosion Technician	75.00	
02 90 50 00-0115	HR	Cleaning And Emergency Clean Up - Certified Mold Technician	66.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0116	HR	Cleaning And Emergency Clean Up - Certified Mold Supervisor	75.00	
02 90 50 00-0117	HR	Cleaning And Emergency Clean Up - Clerical	35.00	
02 90 50 00-0118	HR	Cleaning And Emergency Clean Up - Biohazard Technician	75.00	
02 90 50 00-0119	HR	Cleaning And Emergency Clean Up - Biohazard Supervisor	90.00	
02 90 50 00-0120	HR	Cleaning And Emergency Clean Up - Health And Safety Officer	70.00	
02 90 50 00-0121	HR	Cleaning And Emergency Clean Up - Resource And Logistics Coordinator	50.00	
02 90 50 00-0122	HR	Cleaning And Emergency Clean Up - Restoration Consultant	145.00	

02 90 50 00-0123 Emergency Clean-up Equipment *(02 90 50)*

Note: Used in the performance of time and material projects. Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 50 00-0124 General Emergency Clean-up Equipment *(02 90 50 00-0123)*

02 90 50 00-0125	DAY	Air Compressor	50.71	
02 90 50 00-0126	DAY	Buffer - Floor	33.81	
02 90 50 00-0127	DAY	Carpet Cleaning Machine - Portable	84.52	
02 90 50 00-0128	DAY	Chain Saw	39.83	
02 90 50 00-0129	EA	Cleaning Kit With Mop, Broom And Bucket	51.21	
02 90 50 00-0130	DAY	Cut Off Saw	143.16	
02 90 50 00-0131	DAY	Dry Cleaning Unit - Portable	95.79	
02 90 50 00-0132	DAY	Extension Cords - 220V	28.45	
02 90 50 00-0133	DAY	Extension Cords - 220V Converter Box	17.07	
02 90 50 00-0134	DAY	Demo Cart, 7 Yard	50.71	
02 90 50 00-0135	EA	Demo Kit With Wheel Barrow, Shovel And Broom	85.34	
02 90 50 00-0136	DAY	Dry-Ice Blasting System	398.26	
02 90 50 00-0137	DAY	Fogger - Mist	28.17	
02 90 50 00-0138	DAY	Fogger - Electric Thermal	40.57	
02 90 50 00-0139	DAY	Fogger - Gas Power Thermal	101.42	
02 90 50 00-0140	JOB	Gang Box, Demo/Framing (One TIme Per Job)	73.25	
02 90 50 00-0141	DAY	Hand Trucks/Dollies	13.65	
02 90 50 00-0142	DAY	Heat Gun - Shrinkwrap	45.52	
02 90 50 00-0143	DAY	HEPA Negative Air Machine Note: Includes all filters.	140.86	
02 90 50 00-0144	DAY	Ladder	19.34	
02 90 50 00-0145	DAY	Lights - Demo, Drop, Stand, String	20.28	
02 90 50 00-0146	DAY	Lights - Wobble	24.79	
02 90 50 00-0147	DAY	Moisture Meter	28.45	
02 90 50 00-0148	DAY	Nail Gun	51.21	
02 90 50 00-0149	DAY	Ozone Generator	140.86	
02 90 50 00-0150	DAY	PPE (Personal Protective Equipment) Mold Remediation Related	68.27	
02 90 50 00-0151	DAY	Portable Generator, Up T0 7500 Watts	112.69	
02 90 50 00-0152	DAY	Pressure Washer, Hot	169.04	
02 90 50 00-0153	DAY	Pressure Washer, Cold	112.69	
02 90 50 00-0154	DAY	Scaffolding - Per Section	73.25	
02 90 50 00-0155	DAY	Small Tools - Tool Box	28.45	
02 90 50 00-0156	DAY	Soda Blasting Equipment	256.03	
02 90 50 00-0157	DAY	Sprayer - Hudson	9.10	
02 90 50 00-0158	DAY	Sprayer - Industrial Airless	268.42	
02 90 50 00-0159	DAY	Storage Space (Per SF Per Day)	0.93	
02 90 50 00-0160	DAY	Submersible Pump	28.17	
02 90 50 00-0161	DAY	Trash Pump - 2" Gas Powered	140.86	
02 90 50 00-0162	DAY	Vehicle, Pick-up, SUV, Car	84.52	
02 90 50 00-0163	DAY	Vehicle, Van	140.86	
02 90 50 00-0164	DAY	Vehicle, 16' Or 24' Box Truck (Inclusive Of Mileage)	227.58	
02 90 50 00-0165	DAY	Trailer - Refrigerated 40' Storage	142.24	
02 90 50 00-0166	DAY	Trailer - Utility (Inclusive Of Mileage)	113.79	
02 90 50 00-0167	DAY	Truck Mount, Per Wand Extraction	219.75	
02 90 50 00-0168	DAY	Vacuum - Backpack	28.17	
02 90 50 00-0169	DAY	Vacuum - Shop Vacuum	28.17	
02 90 50 00-0170	DAY	Vacuum - Commercial	84.52	
02 90 50 00-0171	DAY	Vacuum - HEPA Industrial	95.79	
02 90 50 00-0172	DAY	Vacuum - Upright	17.07	
02 90 50 00-0173	DAY	Zip Walls (Per 2 Poles)	28.17	
02 90 50 00-0174	DAY	2 Way Radio	22.54	

02 90 50 00-0175 Technical/Electronics Restoration Equipment *(02 90 50 00-0123)*

02 90 50 00-0176	DAY	Computer - Diagnostic	28.17	
02 90 50 00-0177	DAY	Convection Oven - Large	185.94	
02 90 50 00-0178	DAY	Convection Oven - Small	101.42	
02 90 50 00-0179	DAY	Convection Oven - Vacuum	135.23	
02 90 50 00-0180	DAY	Decontamination Booth	185.94	
02 90 50 00-0181	DAY	DI Water System	50.71	
02 90 50 00-0182	DAY	ESD Bench Workstation	22.54	
02 90 50 00-0183	DAY	Heater/Enclosure Control System	16.90	
02 90 50 00-0184	DAY	Hi-Tech Mobile Cart/Workstation	281.72	
02 90 50 00-0185	DAY	Micro-Blaster/Dust Collector	253.55	
02 90 50 00-0186	DAY	Mobile Laboratory	704.31	
02 90 50 00-0187	DAY	Nitrogen Enclosure Cabinet	13.52	
02 90 50 00-0188	DAY	Odell Cleaning Station	394.42	
02 90 50 00-0189	DAY	Parts Washer	28.17	
02 90 50 00-0190	DAY	Ultrasonic Cleaning System	84.52	
02 90 50 00-0191	DAY	Vacuum - HEPA Technical	22.54	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0192		**Drying/Dehumidification Equipment** *(02 90 50 00-0123)*		
02 90 50 00-0193	DAY	Water Extraction Unit	140.86	
02 90 50 00-0194	DAY	Air Mover	28.17	
02 90 50 00-0195	DAY	Axial Air Mover	73.25	
02 90 50 00-0196	DAY	Injectidry System	174.67	
02 90 50 00-0197	DAY	1200 Drizair Refrigerant Dehumidifier	118.32	
02 90 50 00-0198	DAY	2400 Drizair Refrigerant Dehumidifier	163.40	
02 90 50 00-0199	DAY	Phoenix 200 Refrigerant Dehumidifier	163.40	
02 90 50 00-0200	DAY	Phoenix 300 Refrigerant Dehumidifier	174.67	
02 90 50 00-0201	DAY	D-500 Desiccant Dehumidifier	394.42	
02 90 50 00-0202	DAY	D-750 Desiccant Dehumidifier	676.14	
02 90 50 00-0203	DAY	D-1000 Desiccant Dehumidifier	760.66	
02 90 50 00-0204	DAY	D-1500 Desiccant Dehumidifier	845.18	
02 90 50 00-0205	DAY	D-2000 Desiccant Dehumidifier	901.52	
02 90 50 00-0206	DAY	D-2250 Desiccant Dehumidifier	957.86	
02 90 50 00-0207	DAY	D-3000 Desiccant Dehumidifier	1,087.46	
02 90 50 00-0208	DAY	D-4500 Desiccant Dehumidifier	1,352.28	
02 90 50 00-0209	DAY	D-5000 Desiccant Dehumidifier	1,521.32	
02 90 50 00-0210	DAY	D-9000 Desiccant Dehumidifier	2,084.76	
02 90 50 00-0211	DAY	D-10500 Desiccant Dehumidifier	2,479.18	
02 90 50 00-0212	DAY	DX Unit - Heating / Air Conditioning (3.5 Ton)	394.42	
02 90 50 00-0213	DAY	DX Unit - Heating / Air Conditioning (5 Ton)	557.82	
02 90 50 00-0214	DAY	DX Unit - Heating / Air Conditioning (10 Ton)	676.14	
02 90 50 00-0215	DAY	DX Unit - Heating / Air Conditioning (25 Ton)	845.18	
02 90 50 00-0216	DAY	DX Unit - Heating / Air Conditioning (50 Ton)	1,098.73	
02 90 50 00-0217	DAY	DX Unit - Heating / Air Conditioning (80 Ton)	1,521.32	
02 90 50 00-0218	DAY	Flex Duct - 25'	22.54	
02 90 50 00-0219	DAY	Hygro Thermograph	28.45	
02 90 50 00-0220	DAY	Dehumidification Trailer Note: 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	4,930.19	
02 90 50 00-0221		**Power Equipment** *(02 90 50 00-0123)*		
02 90 50 00-0222	WK	Generator, Up to 65 KVA	2,929.94	
02 90 50 00-0223	WK	Generator, Up to 125 KVA	3,268.01	
02 90 50 00-0224	WK	Generator, Up to 250 KVA	4,282.22	
02 90 50 00-0225	WK	Generator, Up to 375 KVA	5,183.74	
02 90 50 00-0226	WK	Generator, Up to 440 KVA	6,536.02	
02 90 50 00-0227	WK	Generator, Up to 625 KVA	8,339.06	
02 90 50 00-0228	WK	Generator, Up to 800 KVA	14,198.94	
02 90 50 00-0229	WK	Generator, Up to 1000 KVA	18,481.16	
02 90 50 00-0230	WK	Generator, Up to 1500 KVA	22,988.76	
02 90 50 00-0231	EA	Generator Cable/Pigtails (Per Section)	11.27	
02 90 50 00-0232	EA	Sub-Distribution Panel (Spider Box)	73.25	
02 90 50 00-0233	EA	Electrical Distribution Panel	225.38	
02 90 50 00-0234	EA	Quad Box Strings (25' Sections)	28.17	
02 90 50 00-0235	EA	50' Power Cord For Spider Box	28.17	
02 90 50 00-0236	EA	Pig Tails (Per Each)	2.82	
02 90 50 00-0237		**Freight Charges** *(02 90 50 00-0123)*		
02 90 50 00-0238	MI	Freight <1 Ton Pick Up Truck	1.41	
02 90 50 00-0239	MI	Freight >1 Ton Pick Up Truck	2.54	
02 90 50 00-0240	MI	Freight 16' Or 24' Box Truck	2.54	
02 90 50 00-0241	MI	Freight Tractor Trailer	3.66	
02 90 50 00-0242		**Emergency Clean-up Personal Protection Equipment** *(02 90 50)* Note: Used in the performance of time and material projects. Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 50 00-0243	EA	Tyvek Suit	8.45	
02 90 50 00-0244	EA	Cartridge - Respirator	13.52	
02 90 50 00-0245	BOX	Dust Mask	30.71	
02 90 50 00-0246	PR	Gloves - Cotton	5.07	
02 90 50 00-0247	BOX	Gloves - Latex	15.21	
02 90 50 00-0248	PR	Gloves - Leather	8.45	
02 90 50 00-0249	EA	Gloves - Rubber (Heavy Duty)	4.51	
02 90 50 00-0250	PR	Polycarbonate Lens Safety Goggles	8.42	
02 90 50 00-0251	EA	Respirator - With One Pair Cartridges	38.21	
02 90 50 00-0252	PR	Safety Glasses	3.65	
02 90 50 00-0253	EA	Safety Harness (Per Person/Day)	5.63	
02 90 50 00-0254		**Emergency Clean-up Expendables** *(02 90 50)* Note: Used in the performance of time and material projects. Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 50 00-0255		**General Materials** *(02 90 50 00-0254)*		
02 90 50 00-0256	GAL	Adhesive Remover	84.52	
02 90 50 00-0257	GAL	Bio-HS	24.01	
02 90 50 00-0258	GAL	Biocide	30.64	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0259	EA	Box - Book	4.45	
02 90 50 00-0260	EA	Box - Large	7.32	
02 90 50 00-0261	GAL	Bleach	3.94	
02 90 50 00-0262	EA	Brush - Stainless - Small	5.39	
02 90 50 00-0263	EA	Buckets - 2 ½ Gal	5.95	
02 90 50 00-0264	EA	Buckets - 5 Gallon	9.02	
02 90 50 00-0265	GAL	Carpet Defoamer	23.19	
02 90 50 00-0266	GAL	Carpet Pre-treat	22.28	
02 90 50 00-0267	GAL	Carpet Spotter	33.65	
02 90 50 00-0268	GAL	Carpet/Upholstery Cleaner	30.27	
02 90 50 00-0269	ROL	Carpet Masking/Shield	74.38	
02 90 50 00-0270	EA	Chem Sponge	3.32	
02 90 50 00-0271	GAL	Clear Seal	84.52	
02 90 50 00-0272	GAL	Coil Cleaner	24.00	
02 90 50 00-0273	EA	Comfort Masks, Per Box 50	33.41	
02 90 50 00-0274	EA	Coverall - Bio-Hazard	23.51	
02 90 50 00-0275	EA	Decon Chamber	231.01	
02 90 50 00-0276	GAL	Degreaser, All Purpose	31.55	
02 90 50 00-0277	GAL	De-Foamer Liquid	33.81	
02 90 50 00-0278	EA	Deodorization Membrane	80.75	
02 90 50 00-0279	GAL	Deodorizer, 9D9	87.05	
02 90 50 00-0280	LB	Deodorizing Gel	14.65	
02 90 50 00-0281	GAL	Deodorizing Liquid	42.82	
02 90 50 00-0282	PAIL	Deodorizing Block	50.71	
02 90 50 00-0283	GAL	Disinfectant/Antimicrobial	54.65	
02 90 50 00-0284	GAL	Disinfectant, BruClean	27.05	
02 90 50 00-0285	GAL	Dryclene	33.65	
02 90 50 00-0286	GAL	Duct Sealant Spray	50.71	
02 90 50 00-0287	GAL	Duct Sealant, Antifungal	73.25	
02 90 50 00-0288	GAL	Microbial Encapsulant (Fosters 20 - 40)	104.24	
02 90 50 00-0289	PR	Ear Plugs	0.46	
02 90 50 00-0290	GAL	Encapsulant	103.53	
02 90 50 00-0291	GAL	Fiberlocke - Aftershock	91.94	
02 90 50 00-0292	GAL	Fiberlocke - IAQ 2500	86.97	
02 90 50 00-0293	GAL	Fiberlocke - IAS 6000	89.45	
02 90 50 00-0294	ROL	Filter Material	73.25	
02 90 50 00-0295	EA	Filter, Blue Paper Collection Bag	5.58	
02 90 50 00-0296	EA	Filter, CVAC For HEPA Vacuum	253.83	
02 90 50 00-0297	EA	Filter, Pre-Filter For Negative Air Machine	4.34	
02 90 50 00-0298	EA	Filter, Pleated For Negative Air Machine	6.76	
02 90 50 00-0299	EA	Filter, Charcoal For Negative Air Machine	33.69	
02 90 50 00-0300	EA	Filter, HEPA For Negative Air Machine	214.67	
02 90 50 00-0301	EA	Filter, Pleated For Dehumidifiers	8.45	
02 90 50 00-0302	GAL	Floor Stripper	15.78	
02 90 50 00-0303	GAL	Floor Wax	22.54	
02 90 50 00-0304	GAL	Fogger (Thermal)	89.03	
02 90 50 00-0305	BOX	Furniture Blocks	112.69	
02 90 50 00-0306	EA	Furniture Polish, Per Can	12.40	
02 90 50 00-0307	GAL	Glass Cleaner	19.16	
02 90 50 00-0308	PR	Chemical Splash/Impact Resistant, Polycarbonate Lens Safety Goggles	13.75	
02 90 50 00-0309	EA	Goof Off Spray, 12 Oz	7.89	
02 90 50 00-0310	EA	Halogen Light Bulbs	16.09	
02 90 50 00-0311	QT	Hand Sanitizer	7.96	
02 90 50 00-0312	EA	Hard Hats	7.64	
02 90 50 00-0313	BOX	Hog Rings, Box Of 2500	16.34	
02 90 50 00-0314	GAL	HVAC Coal Cleaner	37.19	
02 90 50 00-0315	BOX	Inventory Tag, Box Of 1000	101.42	
02 90 50 00-0316	EA	Knives - Utility	12.40	
02 90 50 00-0317	ROL	Lay Flat Tubing, 13" (250' Roll)	62.20	
02 90 50 00-0318	ROL	Lay Flat Tubing, 20" (250' Roll)	94.66	
02 90 50 00-0319	ROL	Lay Flat Tubing, 29" (250' Roll)	161.15	
02 90 50 00-0320	ROL	Lay Flat Tubing, 39" (250' Roll)	263.69	
02 90 50 00-0321	GAL	Lemon Oil	45.08	
02 90 50 00-0322	GAL	LPS 1/Mecca Lube	40.95	
02 90 50 00-0323	GAL	LPS 2	43.34	
02 90 50 00-0324	GAL	LPS Contact Cleaner	43.14	
02 90 50 00-0325	GAL	Lubricant, Preserver (Light)	37.19	
02 90 50 00-0326	GAL	Lubricant, Preserver (Heavy)	22.54	
02 90 50 00-0327	GAL	Machinery Cleaning Solvent	50.71	
02 90 50 00-0328	GAL	Metal Polishing Paste	11.27	
02 90 50 00-0329	GAL	Microban	45.55	
02 90 50 00-0330	GAL	Milgo	55.91	
02 90 50 00-0331	EA	Mop Heads	6.59	
02 90 50 00-0332	EA	Nylon Scouring Pads	1.25	
02 90 50 00-0333	GAL	Odor Neutralizer	50.20	
02 90 50 00-0334	EA	Packing Paper, 25 LB Bundle	29.86	
02 90 50 00-0335	EA	Paint Brushes	5.69	
02 90 50 00-0336	ROL	Paper, Corrugated/Craft	99.17	
02 90 50 00-0337	EA	Putty Knives	5.10	
02 90 50 00-0338	ROL	Red Resin Paper, 200' Roll	30.43	
02 90 50 00-0339	GAL	Reodorant	95.79	
02 90 50 00-0340	EA	Respirator - N95	4.47	
02 90 50 00-0341	EA	Respirator - N95 w/valve	5.09	
02 90 50 00-0342	PR	Respirator Cartridges - 3M	34.17	
02 90 50 00-0343	PR	Respirator Cartridges -P100	34.17	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0344	EA	Respirator Cleaning Wipes, Per Box 100	27.34	
02 90 50 00-0345	GAL	Restoracide	44.93	
02 90 50 00-0346	GAL	Rust Remover	78.88	
02 90 50 00-0347	EA	Saltesmo Test Samples	7.32	
02 90 50 00-0348	EA	Sand Bag, Excluding Sand	1.92	
02 90 50 00-0349	EA	Scotch-Brite 7447, Per Box 50	36.59	
02 90 50 00-0350	EA	Sm. Scrub Brushes	5.39	
02 90 50 00-0351	GAL	Soot Sealant, Clear	43.95	
02 90 50 00-0352	GAL	Soot Sealant, Pigmented	45.08	
02 90 50 00-0353	ROL	Shrinkwrap Plastic	54.09	
02 90 50 00-0354	EA	Sponges - Dry	2.39	
02 90 50 00-0355	EA	Spray Adhesive, Per Can	5.07	
02 90 50 00-0356	EA	Spray Bot./Trigger	4.35	
02 90 50 00-0357	GAL	Stain Remover	27.05	
02 90 50 00-0358	GAL	Stainless Steel Cleaner	41.70	
02 90 50 00-0359	EA	Stainless Steel Polish, Per Can	14.65	
02 90 50 00-0360	LB	Sweeping Compound	18.91	
02 90 50 00-0361	ROL	Tape - Duct	7.61	
02 90 50 00-0362	ROL	Tape - Environmental (Teal)	10.53	
02 90 50 00-0363	ROL	Tape - HVAC (Aluminum)	24.79	
02 90 50 00-0364	ROL	Tape - Blue Masking (Painters Tape)	10.57	
02 90 50 00-0365	ROL	Tape - Poly Box	4.51	
02 90 50 00-0366	LB	Terry Towels	5.80	
02 90 50 00-0367	GAL	Thermal Fog	55.39	
02 90 50 00-0368	ROL	Trash Bags - Lawn And Leaf	36.06	
02 90 50 00-0369	ROL	Trash Bags - 6 Mil Heavy Duty (50 Count)	99.73	
02 90 50 00-0370	EA	Trisodium Phosphaste, 20 LB Pail	41.12	
02 90 50 00-0371	EA	Vacuum Bags - Backpack	1.39	
02 90 50 00-0372	EA	Vacuum Bags - Upright	1.85	
02 90 50 00-0373	GAL	Vinyl And Leather Cleaner	91.03	
02 90 50 00-0374	ROL	Visqueen 1 Mil	43.10	
02 90 50 00-0375	ROL	Visqueen 4 Mil	88.46	
02 90 50 00-0376	ROL	Visqueen 6 Mil	126.21	
02 90 50 00-0377	LB	Wipes, Cotton Cloth	4.90	
02 90 50 00-0378	ROL	12" x 750', Wrap, Bubble / Anti-Static	70.99	
02 90 50 00-0379	EA	Wyp-Alls, Case, 160 Wipes	37.19	
02 90 50 00-0380	EA	Zip Wall Zippers	20.28	

02 90 50 00-0381 Technical/Electronics Restoration Materials *(02 90 50 00-0254)*

02 90 50 00-0382	EA	Brush - Brass	4.23	
02 90 50 00-0383	EA	Brush - Natural Bristle 1"	1.35	
02 90 50 00-0384	EA	Brush - Natural Bristle 1/2"	1.13	
02 90 50 00-0385	EA	Brush - Natural Bristle 1/4"	0.96	
02 90 50 00-0386	EA	Brush - Parts	5.86	
02 90 50 00-0387	EA	Brush - Plastic	3.04	
02 90 50 00-0388	EA	Brush - Wire Grout	5.69	
02 90 50 00-0389	EA	Brushing Tool	14.09	
02 90 50 00-0390	EA	Cleaning Swabs, Cotton	0.28	
02 90 50 00-0391	EA	Cleaning Swabs, Foam Tip	0.34	
02 90 50 00-0392	EA	Contact Restorer, Per Can	27.33	
02 90 50 00-0393	EA	Contact Spray, Per Can	18.59	
02 90 50 00-0394	UNIT	Corrosion Inhibitor Emitter - 1 CF	2.70	
02 90 50 00-0395	UNIT	Corrosion Inhibitor Emitter - 5 CF	6.20	
02 90 50 00-0396	UNIT	Corrosion Inhibitor Emitter - 10 CF	10.71	
02 90 50 00-0397	LB	Cotton Cleaning Cloths	17.07	
02 90 50 00-0398	EA	12" x 17" Dust Cloths	0.23	
02 90 50 00-0399	EA	24" x 24" Dust Cloths	0.70	
02 90 50 00-0400	EA	Deoxidizing Agent, Per Can	13.37	
02 90 50 00-0401	GAL	Electronic Grade Detergent	20.28	
02 90 50 00-0402	SHT	Inventory Labels	6.14	
02 90 50 00-0403	GAL	Isopropyl Alcohol	28.17	
02 90 50 00-0404	EA	Lubrication/Penetrating Oil, Per Can	6.20	
02 90 50 00-0405	GAL	PC Board Detergent	77.19	
02 90 50 00-0406	GAL	Rust Inhibitor, Regular Duty	30.43	
02 90 50 00-0407	GAL	Rust Inhibitor - Moderate Duty	33.24	
02 90 50 00-0408	GAL	Rust Inhibitor - Severe Duty	38.31	
02 90 50 00-0409	LB	Wipes - Lint Free Cloths	7.89	
02 90 50 00-0410	EA	Wire Marker Card	1.97	
02 90 50 00-0411	EA	Steel Wool, 16 Pad Sleeve	6.83	

02 90 50 00-0412 Board Up And Tarp Up *(02 90 50)*

02 90 50 00-0413	SF	Polyethylene Tarp On Roof	0.20	
02 90 50 00-0414	SF	Temporary Plywood On Roof	1.27	
02 90 50 00-0415	SF	Temporary Plywood On Wall Or Windows	1.60	

02 90 50 00-0416 Minimum Charges *(02 90 50)*

02 90 50 00-0417	EA	Minimum For Cleaning	96.72	
02 90 50 00-0418	EA	Minimum For Water Extraction	113.79	
02 90 50 00-0419	EA	Minimum For Carpet Cleaning	136.55	

02 90 50 00-0420 Document Restoration *(02 90 50)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0421	EA	Book Rebinding, Each	69.83	
02 90 50 00-0422	EA	Book Recasing, Each	34.91	
02 90 50 00-0423	EA	Boxes-MCS, 1.2 CF	6.99	
02 90 50 00-0424	EA	Boxes-MCS, 2.0 CF	9.05	
02 90 50 00-0425	EA	Boxes Bankers	11.16	
02 90 50 00-0426	EA	Boxes Standard Packout	4.17	
02 90 50 00-0427	EA	Boxes X Ray	6.99	
02 90 50 00-0428	EA	CD Scanning and Diagnostics, Each	6.99	
02 90 50 00-0429	EA	Cleaning Antique Books, Each	209.49	
02 90 50 00-0430	EA	Cleaning Catheter Roll, Per Roll	27.92	
02 90 50 00-0431	EA	Cleaning CD And DVD, Per Disc	2.81	
02 90 50 00-0432	EA	Cleaning Level 1 - Blue Prints, Each	2.81	
02 90 50 00-0433	CF	Cleaning Level 1 - Document Per CF	86.61	
02 90 50 00-0434	EA	Cleaning Level 1 - Linen, Each	2.81	
02 90 50 00-0435	EA	Cleaning Level 1 - Mylar, Each	2.81	
02 90 50 00-0436	EA	Cleaning Level 2 - Blue Print, Each	3.49	
02 90 50 00-0437	CF	Cleaning Level 2 - Document Per CF	129.89	
02 90 50 00-0438	EA	Cleaning Level 2 - Linen, Each	3.49	
02 90 50 00-0439	EA	Cleaning Level 2 - Mylar, Each	3.49	
02 90 50 00-0440	EA	Cleaning Level 3 - Blue Prints, Each	4.94	
02 90 50 00-0441	CF	Cleaning Level 3 - Document Per CF	173.22	
02 90 50 00-0442	EA	Cleaning Level 3 - Linen, Each	4.94	
02 90 50 00-0443	EA	Cleaning Level 3 - Mylar, Each	4.94	
02 90 50 00-0444	EA	Cleaning Level 4 - All Fire-Blue Print, Each	6.99	
02 90 50 00-0445	EA	Cleaning Level 4 - All Fire-Linen, Each	6.99	
02 90 50 00-0446	EA	Cleaning Level 4 - All Fire-Mylar, Each	6.99	
02 90 50 00-0447	CF	Cleaning Level 4 - Light Fire-Document Per CF	216.48	
02 90 50 00-0448	EA	Cleaning Level 5 - Severe Fire-Blue Print, Each	8.35	
02 90 50 00-0449	CF	Cleaning Level 5 - Severe Fire-Document Per CF	432.97	
02 90 50 00-0450	EA	Cleaning Level 5 - Severe Fire-Linen, Each	8.35	
02 90 50 00-0451	EA	Cleaning Level 5 - Severe Fire-Mylar, Each	8.35	
02 90 50 00-0452	EA	Cleaning Microfiche Sheets, Each	2.81	
02 90 50 00-0453	EA	Cleaning Microfiche Strips, Each	0.71	
02 90 50 00-0454	EA	Cleaning Microfilm Rolls (In House), Per Roll	69.83	
02 90 50 00-0455	EA	Cleaning Microfilm Rolls (Outside), Per Roll	97.77	
02 90 50 00-0456	EA	Cleaning Photographs Negatives, Per Negative	0.71	
02 90 50 00-0457	EA	Cleaning Photographs, Each	2.81	
02 90 50 00-0458	EA	Cleaning Record Albums, Each	2.81	
02 90 50 00-0459	EA	Cleaning VHS And Beta Tapes-In House, Each	6.99	
02 90 50 00-0460	EA	Cleaning VHS And Beta Tapes-Outside, Each	27.92	
02 90 50 00-0461	EA	Cleaning X Ray 1-1000, Per Film	4.17	
02 90 50 00-0462	EA	Cleaning X Ray 1K-5K, Per Film	3.49	
02 90 50 00-0463	EA	Cleaning X Ray 5K-Up, Per Film	2.81	
02 90 50 00-0464	EA	Copying Clean Water, Per Page	0.42	
02 90 50 00-0465	EA	Copying Greywater Fire, Per Page	0.76	
02 90 50 00-0466	EA	Deodorization, Vapor Tech, Per Cube	6.99	
02 90 50 00-0467	EA	Disinfectant-Fogging, Per Cube	9.79	
02 90 50 00-0468	EA	Document Disposal In House No Shredding	22.37	
02 90 50 00-0469	EA	Document Disposal In House With Shredding	38.52	
02 90 50 00-0470	EA	Drying-MCS Center 1-50 Cubes	125.69	
02 90 50 00-0471	EA	Drying-MCS Center 151-500 Cubes	97.77	
02 90 50 00-0472	EA	Drying-MCS Center 500 And Up	83.80	
02 90 50 00-0473	EA	Drying-MCS Center 51-150 Cubes	111.73	
02 90 50 00-0474	EA	Drying-Onsite 1-500 Cubes	209.49	
02 90 50 00-0475	EA	Drying-Onsite 501- Up Cube	128.51	
02 90 50 00-0476	EA	Drying Antique Books, Each	27.92	
02 90 50 00-0477	EA	Drying Blue Prints, Each	3.49	
02 90 50 00-0478	EA	Dvd Scanning And Diagnostics, Each	6.99	
02 90 50 00-0479	EA	Freeze Drying (In House)	97.77	
02 90 50 00-0480	EA	Freeze Drying (Outside)	128.51	
02 90 50 00-0481	EA	Irradiation - Gamma 0-48 Cubes (minimum charge)	1,490.89	
02 90 50 00-0482	EA	Irradiation - Gamma 49-Up Cube (per cube charge)	31.06	
02 90 50 00-0483	EA	Linen Prints	6.99	
02 90 50 00-0484	EA	Minimal Drying Jobs	683.33	
02 90 50 00-0485	EA	Monthly Storage	69.83	
02 90 50 00-0486	EA	Mylar Prints	6.99	
02 90 50 00-0487	EA	Ozoning, Per Cube	6.99	
02 90 50 00-0488	MO	Stabilization Freezer Storage, Per Cube-Per Month	9.79	
02 90 50 00-0489	MO	Stabilization Freezer Storage, Per Page-Per Month	0.07	
02 90 50 00-0490	EA	Wood Pallets, Each	34.91	

END OF SECTION 02

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 Concrete

03 01 Maintenance Of Concrete *(03)*

03 01 30 Maintenance Of Cast-In-Place Concrete *(03 01)*

03 01 30 51 Cleaning Of Cast-In-Place Concrete *(03 01 30)*

03 01 30 51-0001 Abrasive Blasting *(03 01 30 51)*
Note: Includes containment and clean-up of all material.

03 01 30 51-0002	SF	Mechanical Concrete Sand Blasting, Heavy Penetration, Walls, Various Finish Textures	8.11
03 01 30 51-0003	SF	Mechanical Concrete Sand Blasting, Heavy Penetration, Floors, Various Finish Textures	4.95
03 01 30 51-0004	SF	Machine Concrete Shot Blasting (Beads, Steel Balls, Etcetera) Floors, Various Finish Textures	3.66

03 01 30 71 Rehabilitation Of Cast-in-Place Concrete *(03 01 30)*

03 01 30 71-0001 Concrete Resurfacing/Repair *(03 01 30 71)*
See CSI section 09 91 43 00-0002 for surface preparation as required.

03 01 30 71-0002 High Strength Shotcrete Repair For Small Areas *(03 01 30 71-0001)*

03 01 30 71-0003	EA	Mobilize Small Area High Strength Shotcrete Repair Crew	564.99
		For Up To 25 SF, Add	*282.50*
		For >25 To 50 SF, Add	*141.25*
		For >50 To 150 SF, Add	*56.50*
03 01 30 71-0004	SF	Small Area High Strength Shotcrete Repair, Up to 2" Thick	43.45
		For Up To 25 SF, Add	*21.19*
		For >25 To 50 SF, Add	*10.60*
		For >50 To 150 SF, Add	*4.24*
03 01 30 71-0005	SF	Small Area High Strength Shotcrete Repair, Up to 4" Thick	51.58
		For Up To 25 SF, Add	*24.72*
		For >25 To 50 SF, Add	*12.36*
		For >50 To 150 SF, Add	*4.94*
03 01 30 71-0006	SF	Small Area High Strength Shotcrete Repair, Up to 6" Thick	59.71
		For Up To 25 SF, Add	*28.25*
		For >25 To 50 SF, Add	*14.13*
		For >50 To 150 SF, Add	*5.65*

03 01 30 71-0007 Concrete Repair *(03 01 30 71-0001)*

03 01 30 71-0008 Decks Or Floors *(03 01 30 71-0007)*
Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0009	SF	Patch Floors, 1/8" To 1/4", Cementitious Patching Mortar	4.50
03 01 30 71-0010	SF	Patch Floors, 1/8" To 1/4", Epoxy Cementitious Patching Mortar	14.43
03 01 30 71-0011	SF	Patch Floors, White Aluminum Oxide Grit (Non Slip Aggregate)	0.40

03 01 30 71-0012 Verticals Or Overheads *(03 01 30 71-0007)*
Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0013	SF	Patch With 1/8" To 1/4" Cementitious Patching Mortar	6.73
03 01 30 71-0014	SF	Patch With 1/8" To 1/4" Epoxy Cementitious Patching Mortar	19.60
03 01 30 71-0015	SF	Patch With 1/8" To 1/4" Latex Cementitious Patching Mortar	22.11
03 01 30 71-0016	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Elastomeric Patching Compound	5.21
03 01 30 71-0017	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Copolymer Cementitious Compound Note: Rapid Set - Wunderfixx	7.37

03 01 30 71-0018 Bridge Deck Treatment *(03 01 30 71-0007)*

03 01 30 71-0019	SF	Sweep Bridge Deck	0.01
03 01 30 71-0020	SF	Clean Bridge Deck	0.01
03 01 30 71-0021	SF	Treat Bridge Deck With Methacrylate Resin Sealant	1.23

03 01 30 71-0022 Concrete Finishes *(03 01 30 71-0001)*

03 01 30 71-0023 Concrete Patching *(03 01 30 71-0022)*

03 01 30 71-0024 Walls *(03 01 30 71-0023)*

03 01 30 71-0025	BAG	Sika Top 111 Plus Note: SikaTop 111 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, screed mortar. Yield: Approximately 0.5 cu. ft./unit. Approximately 0.75 cu. ft./unit (SikaTop 111 + 42 lbs. of 3/8" pea gravel).	92.55
		For Up To 10, Add	*30.68*
		For >10 To 25, Add	*18.41*
		For >25 To 50, Add	*12.27*
		For >50 To 75, Add	*6.14*
03 01 30 71-0026	BAG	Sika Grout 212, 50# Bag Note: SikaGrout 212 is a non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism. It is non-metallic and contains no chloride. Coverage: Approximately 0.44 cu. ft./bag at high flow.	58.88
		For Up To 10, Add	*16.44*
		For >10 To 25, Add	*9.86*
		For >25 To 50, Add	*6.58*
		For >50 To 75, Add	*3.29*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0027	EA	Sika Flex 1A, 10.3 Ounce Tube Note: Sikaflex-1a is a premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Coverage: 10.3 fl. oz. cartridge seals 12.4 lineal ft. of 1/2 x 1/4 in. joint. 20 fl. oz. uni-pac sausage seals 24 lineal ft. of 1/2 x 1/4 in. joint.	24.96	
03 01 30 71-0028	BAG	Pea Gravel	17.69	
03 01 30 71-0029		Crack Repair For Concrete *(03 01 30 71-0001)*		
03 01 30 71-0030		Non Structural Crack Repair For Concrete *(03 01 30 71-0029)*		
03 01 30 71-0031		Surface Applied, Non Structural Crack Repair For Concrete *(03 01 30 71-0030)* Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc. Excludes backer rod and sanding.		
03 01 30 71-0032	LF	Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)	4.74	
		For V-Grooving Crack With Grinder, Add	*3.82*	
03 01 30 71-0033	LF	>1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)	6.17	
		For V-Grooving Crack With Grinder, Add	*3.73*	
03 01 30 71-0034	LF	Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)	4.80	
		For V-Grooving Crack With Grinder, Add	*3.82*	
03 01 30 71-0035	LF	>1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)	6.30	
		For V-Grooving Crack With Grinder, Add	*3.73*	
03 01 30 71-0036	LF	Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	5.05	
		For V-Grooving Crack With Grinder, Add	*3.82*	
03 01 30 71-0037	LF	>1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	6.79	
		For V-Grooving Crack With Grinder, Add	*3.73*	
03 01 30 71-0038	LF	Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	5.23	
		For V-Grooving Crack With Grinder, Add	*3.82*	
03 01 30 71-0039	LF	>1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	7.14	
		For V-Grooving Crack With Grinder, Add	*3.73*	
03 01 30 71-0040		Pressure Injected, Non Structural Crack Repair For Concrete *(03 01 30 71-0030)* Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with polyurethane and restoring the sealed surface to flush conditions.		
03 01 30 71-0041	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570)	19.21	
		For Cracks Accessible From Both Sides, Add	*3.89*	
03 01 30 71-0042		Structural Crack Repair For Concrete *(03 01 30 71-0029)*		
03 01 30 71-0043		Surface Applied, Structural Crack Repair For Concrete *(03 01 30 71-0042)* Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming.		
03 01 30 71-0044	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	5.27	
		For V-Grooving Crack With Grinder, Add	*3.82*	
03 01 30 71-0045	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	7.23	
		For V-Grooving Crack With Grinder, Add	*3.73*	
03 01 30 71-0046	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied Trowel (Sikadur® 52)	5.26	
		For V-Grooving Crack With Grinder, Add	*3.82*	
03 01 30 71-0047	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 52)	7.22	
		For V-Grooving Crack With Grinder, Add	*3.73*	
03 01 30 71-0048	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	5.97	
		For V-Grooving Crack With Grinder, Add	*3.82*	
03 01 30 71-0049	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	8.63	
		For V-Grooving Crack With Grinder, Add	*3.73*	
03 01 30 71-0050		Pressure Injected, Structural Crack Repair For Concrete *(03 01 30 71-0042)* Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions.		
03 01 30 71-0051	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35)	17.30	
		For Cracks Accessible From Both Sides, Add	*3.89*	
03 01 30 71-0052	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52)	17.30	
		For Cracks Accessible From Both Sides, Add	*3.89*	
03 01 30 71-0053		Carbon Fiber Strengthening System *(03 01 30 71-0001)* Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0054	SF	Carbon Fiber Strengthening System Beams, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	53.06	
03 01 30 71-0055	SF	Carbon Fiber Strengthening System Columns, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	46.49	
03 01 30 71-0056	SF	Carbon Fiber Strengthening System Slabs, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	40.74	

03 01 30 71-0057 Fiber Reinforced Polymer (FRP) Strengthening System *(03 01 30 71-0001)*

Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish.

03 01 30 71-0058	SF	Composite Strengthening System - Exterior, Per Layer Note: Includes composite fabric SCH fiber, SEH fiber, epoxy saturant, primer, filler for voids, anchors, finish. TYFO Fibrwrap System by Fyfe Company	34.51	
		For Floor Surfaces, Deduct	*-5.65*	
03 01 30 71-0059	SF	Composite Strengthening Fire Resistant System - Interior, Per Layer Note: Includes composite fabric SCH fiber, SEH fiber, epoxy saturant, primer, filler for voids, anchors, finish and fire coating. TYFO Fibrwrap System by Fyfe Company	41.99	
		For Floor Surfaces, Deduct	*-6.94*	

03 05 Common Work Results For Concrete *(03)*

03 05 00 00-0001 Concrete Admixtures *(03 05)*

03 05 00 00-0002	CY	Steel Fibers Add At Batch Plant For Flexural Strength Per Each 25# Per CY	19.19	
03 05 00 00-0003	CY	1.5 LB/CY Poly Fibers Reinforcing Concrete Mix	7.45	
03 05 00 00-0004	CY	Water Reducing, Medium Range, Super Plasticizer (20 Minute)	4.01	
03 05 00 00-0005	CY	Water Reducing, High Range, Super Plasticizer (45 Minute)	8.02	
03 05 00 00-0006	CY	Winter Concrete, Antifreeze Agent	6.02	
03 05 00 00-0007	GAL	Air Entraining Agent, .7 - 1.5 Oz Per Bag, 55 Gallon Lots	6.61	
03 05 00 00-0008	GAL	Air Entraining Agent, .7 - 1.5 Oz Per Bag, 5 Gallon Lots	8.17	
03 05 00 00-0009	CY	Corrosion Inhibitor	10.43	
03 05 00 00-0010	LB	2 To 4 LB/CY Concrete Admixture Color, Light (Subtle)	5.53	
03 05 00 00-0011	LB	6 To 12 LB/CY Concrete Admixture Colors, Standard	5.45	
03 05 00 00-0012	LB	18 To 25 LB/CY Concrete Admixture Colors, Premium	5.45	
03 05 00 00-0013	GAL	Concrete Admixture, Set Accelerator, For Below Freezing, 1 To 1.5 Gallon Per CY	6.61	
03 05 00 00-0014	GAL	Concrete Admixture, Set Retarder, 2 To 4 Fluid Oz Per Bag Of Cement	20.90	
03 05 00 00-0015	LB	Waterproofing, Integral 1 LB/Bag Of Cement	1.30	
03 05 00 00-0016	LB	Concrete Admixture, Set Retarder, Powdered Metallic, 40 LB Per 100 SF	1.27	
03 05 00 00-0017	CY	Water Reducer And Retarder - Low Range	2.01	
03 05 00 00-0018	CY	Water Reducer And Retarder - High Range	4.01	
03 05 00 00-0019	CY	Micro Silica (Synergized Pozzolanic) Admixture, ASTM C 1240	96.25	
03 05 00 00-0020	CY	XYPEX Concrete Additive C-500, C-1000 or C-2000	32.83	
03 05 00 00-0021	LB	Carbon Black, Liquid, 2 To 8 LB/Bag	3.91	

03 10 Concrete Forming And Accessories *(03)*

03 11 Concrete Forming *(03 10)*

03 11 13 Structural Cast-In-Place Concrete Forming *(03 11)*

Note: Per square foot of formwork.

03 11 13 00-0001 Wood Formwork *(03 11 13)*

Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.

03 11 13 00-0002 Foundation Wood Formwork *(03 11 13 00-0001)*

Note: For foundation work below or at grade.

03 11 13 00-0003	SF	Continuous Footings Foundation Wood Formwork	5.99	
		For <1,000, Add		*1.12*
		For Foundations >8' Below Grade, Add		*1.07*
		For Curved Formwork, Add		*2.15*
03 11 13 00-0004	SF	Pile Cap, Pier Or Spread Footings Foundation Wood Formwork	7.12	
		For <1,000, Add		*1.34*
		For Foundations >8' Below Grade, Add		*1.29*
		For Curved Formwork, Add		*2.59*
03 11 13 00-0005	SF	Mat Foundation Wood Formwork	8.22	
		For <1,000, Add		*1.56*
		For Foundations >8' Below Grade, Add		*1.52*
		For Curved Formwork, Add		*3.05*
03 11 13 00-0006	SF	Grade Beams Or Duct Bank Foundation Wood Formwork	6.85	
		For <1,000, Add		*1.29*
		For Foundations >8' Below Grade, Add		*1.25*
		For Curved Formwork, Add		*2.50*
03 11 13 00-0007	SF	Below Grade Walls Foundation Wood Formwork Note: Excludes footing	9.73	
		For <1,000, Add		*1.83*
		For Foundations >8' Below Grade, Add		*1.77*
		For Curved Formwork, Add		*3.54*

03 11 13 00-0008 Slab Edge And Block-Out Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0009	LF	Up To 6" High Slab Edge and Block-Out Wood Formwork	4.60	
		For Foundations >8' Below Grade, Add		*0.85*
		For Curved Formwork, Add		*1.71*
		For <250, Add		*0.88*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0010	LF	>6" To 12" High Slab Edge and Block-Out Wood Formwork	6.61	
		For Foundations >8' Below Grade, Add	*1.19*	
		For Curved Formwork, Add	*2.38*	
		For <250, Add	*1.24*	
03 11 13 00-0011	SF	>12" High Slab Edge and Block-Out Wood Formwork	8.49	
		For Foundations >8' Below Grade, Add	*1.54*	
		For Curved Formwork, Add	*3.09*	
		For <1000, Add	*1.60*	

03 11 13 00-0012 Column Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0013	LF	Up To 8" Square Column Wood Formwork	35.73	
03 11 13 00-0014	LF	>8" To 12" Square Column Wood Formwork	52.17	
03 11 13 00-0015	LF	>12" To 18" Square Column Wood Formwork	65.44	
03 11 13 00-0016	LF	>18" To 24" Square Column Wood Formwork	93.64	
03 11 13 00-0017	LF	>24" To 36" Square Column Wood Formwork	134.29	
03 11 13 00-0018	LF	>36" To 48" Square Column Wood Formwork	177.22	

03 11 13 00-0019 Above Grade Wall Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0020	SF	Up To 8' High Above Grade Wall Wood Formwork	10.86	
		For Curved Formwork, Add	*3.99*	
		For <1000, Add	*2.05*	
03 11 13 00-0021	SF	>8' High Above Grade Wall Wood Formwork	12.86	
		For Curved Formwork, Add	*4.73*	
		For <1000, Add	*2.44*	

03 11 13 00-0022 Elevated Beam Wood Formwork *(03 11 13 00-0001)*

Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated beam.

03 11 13 00-0023	SF	Bottom of Elevated Beam Wood Formwork	14.03	
		For Curved Formwork, Add	*5.18*	
		For <1000, Add	*2.66*	
03 11 13 00-0024	SF	Vertical Sides of Elevated Beam Wood Formwork	9.00	
		For Curved Formwork, Add	*3.32*	
		For <1000, Add	*1.71*	

03 11 13 00-0025 Elevated Slab Wood Formwork *(03 11 13 00-0001)*

Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated slab.

03 11 13 00-0026	SF	Elevated Slab Wood Formwork	8.29	
		For <1000, Add	*1.52*	

03 11 13 00-0027 Metal Framed Formwork *(03 11 13)*

Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.

03 11 13 00-0028 Foundation Metal Framed Formwork *(03 11 13 00-0027)*

Note: For foundation work below or at grade.

03 11 13 00-0029	SF	Continuous Footings Foundation Metal Framed Formwork	5.07	
		For <1000, Add	*0.97*	
		For Foundations >8' Below Grade, Add	*0.94*	
		For Curved Formwork, Add	*1.88*	
03 11 13 00-0030	SF	Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork	5.66	
		For <1000, Add	*1.08*	
		For Foundations >8' Below Grade, Add	*1.06*	
		For Curved Formwork, Add	*2.12*	
03 11 13 00-0031	SF	Mat Foundation Metal Framed Formwork	6.28	
		For <1000, Add	*1.20*	
		For Foundations >8' Below Grade, Add	*1.16*	
		For Curved Formwork, Add	*2.33*	
03 11 13 00-0032	SF	Grade Beams Or Duct Bank Foundation Metal Framed Formwork	5.29	
		For <1000, Add	*1.01*	
		For Foundations >8' Below Grade, Add	*0.98*	
		For Curved Formwork, Add	*1.96*	
03 11 13 00-0033	SF	Below Grade Walls Foundation Metal Framed Formwork	8.18	
		Note: Excludes footing.		
		For <1000, Add	*1.57*	
		For Foundations >8' Below Grade, Add	*1.54*	
		For Curved Formwork, Add	*3.08*	

03 11 13 00-0034 Slab Edge And Block-Out Metal Framed Formwork *(03 11 13 00-0027)*

03 11 13 00-0035	LF	Up To 6" High Slab Edge and Block-Out Metal Framed Formwork	3.91	
		For Foundations >8' Below Grade, Add	*0.77*	
		For Curved Formwork, Add	*1.54*	
		For <250, Add	*0.77*	
03 11 13 00-0036	LF	>6" To 12" High Slab Edge and Block-Out Metal Framed Formwork	4.87	
		For Foundations >8' Below Grade, Add	*0.96*	
		For Curved Formwork, Add	*1.91*	
		For <250, Add	*0.96*	
03 11 13 00-0037	SF	>12" High Slab Edge and Block-Out Metal Framed Formwork	5.38	
		For Foundations >8' Below Grade, Add	*1.06*	
		For Curved Formwork, Add	*2.11*	
		For <1,000, Add	*1.06*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0038		Column Metal Framed Formwork *(03 11 13 00-0027)*		
03 11 13 00-0039		Square Columns *(03 11 13 00-0038)*		
03 11 13 00-0040	LF	Up To 12" Square Column Metal Framed Formwork	30.93	
03 11 13 00-0041	LF	>12" To 16" Square Column Metal Framed Formwork	37.19	
03 11 13 00-0042	LF	>16" To 20" Square Column Metal Framed Formwork	43.47	
03 11 13 00-0043	LF	>20" To 24" Square Column Metal Framed Formwork	52.03	
03 11 13 00-0044	LF	>24" To 30" Square Column Metal Framed Formwork	62.58	
03 11 13 00-0045	LF	>30" To 36" Square Column Metal Framed Formwork	74.99	
03 11 13 00-0046	LF	>36" To 48" Square Column Metal Framed Formwork	96.10	
03 11 13 00-0047	LF	>48" To 60" Square Column Metal Framed Formwork	118.27	
03 11 13 00-0048		Round Columns *(03 11 13 00-0038)*		
03 11 13 00-0049	LF	Up To 12" Diameter Column Metal Formwork	25.53	
03 11 13 00-0050	LF	>12" To 16" Diameter Column Metal Formwork	28.78	
03 11 13 00-0051	LF	>16" To 20" Diameter Column Metal Formwork	33.44	
03 11 13 00-0052	LF	>20" To 24" Diameter Column Metal Formwork	39.73	
03 11 13 00-0053	LF	>24" To 30" Diameter Column Metal Formwork	47.40	
03 11 13 00-0054	LF	>30" To 36" Diameter Column Metal Formwork	54.63	
03 11 13 00-0055	LF	>36" To 48" Diameter Column Metal Formwork	68.96	
03 11 13 00-0056	LF	>48" To 60" Diameter Column Metal Formwork	85.44	
03 11 13 00-0057		Above Grade Wall Metal Framed Formwork *(03 11 13 00-0027)*		
03 11 13 00-0058	SF	Up to 8' High Above Grade Wall Metal Framed Formwork	4.82	
		For Curved Formwork, Add	*1.73*	
		For <1,000, Add	*0.90*	
03 11 13 00-0059	SF	>8' High Above Grade Wall Metal Framed Formwork	5.83	
		For Curved Formwork, Add	*2.08*	
		For <1,000, Add	*1.08*	
03 11 13 00-0060		Elevated Beam Metal Framed Formwork *(03 11 13 00-0027)*		
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0061	SF	Bottom of Elevated Beam Metal Framed Formwork	4.76	
		For Curved Formwork, Add	*1.61*	
		For <1,000, Add	*0.85*	
03 11 13 00-0062	SF	Vertical Sides of Elevated Beam Metal Framed Formwork	3.55	
		For Curved Formwork, Add	*1.26*	
		For <1,000, Add	*0.66*	
03 11 13 00-0063		Elevated Slab Metal Framed Formwork *(03 11 13 00-0027)*		
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0064	SF	Elevated Slab Metal Framed Formwork	6.18	
		For <1,000, Add	*1.00*	
03 11 13 00-0065		Fiber Tube Formwork *(03 11 13)*		
		Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.		
03 11 13 00-0066		Round Column Fiber Tube Formwork *(03 11 13 00-0065)*		
03 11 13 00-0067	LF	8" Diameter Round Fiber Tube Formwork	15.15	
		For Plastic Lined, Add	*0.73*	
		For Columns >12' In Length, Add	*1.52*	
03 11 13 00-0068	LF	10" Diameter Round Fiber Tube Formwork	17.01	
		For Plastic Lined, Add	*0.92*	
		For Columns >12' In Length, Add	*1.70*	
03 11 13 00-0069	LF	12" Diameter Round Fiber Tube Formwork	19.39	
		For Plastic Lined, Add	*1.06*	
		For Columns >12' In Length, Add	*1.94*	
03 11 13 00-0070	LF	14" Diameter Round Fiber Tube Formwork	21.22	
		For Plastic Lined, Add	*1.22*	
		For Columns >12' In Length, Add	*2.12*	
03 11 13 00-0071	LF	16" Diameter Round Fiber Tube Formwork	22.35	
		For Plastic Lined, Add	*1.37*	
		For Columns >12' In Length, Add	*2.24*	
03 11 13 00-0072	LF	18" Diameter Round Fiber Tube Formwork	24.82	
		For Plastic Lined, Add	*1.91*	
		For Columns >12' In Length, Add	*2.48*	
03 11 13 00-0073	LF	20" Diameter Round Fiber Tube Formwork	27.18	
		For Plastic Lined, Add	*2.41*	
		For Columns >12' In Length, Add	*2.72*	
03 11 13 00-0074	LF	22" Diameter Round Fiber Tube Formwork	28.70	
		For Plastic Lined, Add	*2.57*	
		For Columns >12' In Length, Add	*2.87*	
03 11 13 00-0075	LF	24" Diameter Round Fiber Tube Formwork	30.19	
		For Plastic Lined, Add	*2.74*	
		For Columns >12' In Length, Add	*3.02*	
03 11 13 00-0076	LF	26" Diameter Round Fiber Tube Formwork	31.23	
		For Plastic Lined, Add	*2.93*	
		For Columns >12' In Length, Add	*3.12*	
03 11 13 00-0077	LF	28" Diameter Round Fiber Tube Formwork	32.35	
		For Plastic Lined, Add	*3.16*	
		For Columns >12' In Length, Add	*3.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0078	LF	30" Diameter Round Fiber Tube Formwork	33.61	
		For Plastic Lined, Add	*3.41*	
		For Columns >12' In Length, Add	*3.36*	
03 11 13 00-0079	LF	36" Diameter Round Fiber Tube Formwork	37.92	
		For Plastic Lined, Add	*4.30*	
		For Columns >12' In Length, Add	*3.79*	
03 11 13 00-0080	LF	42" Diameter Round Fiber Tube Formwork	46.20	
		For Plastic Lined, Add	*6.48*	
		For Columns >12' In Length, Add	*4.62*	
03 11 13 00-0081	LF	48" Diameter Round Fiber Tube Formwork	54.48	
		For Plastic Lined, Add	*8.66*	
		For Columns >12' In Length, Add	*5.45*	

03 11 13 00-0082 Accessories For Formwork *(03 11 13)*

03 11 13 00-0083 Keyway Forms, All Materials *(03 11 13 00-0082)*

03 11 13 00-0084	LF	2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials	1.64	

03 11 13 00-0085 Chamfer Strips, All Materials *(03 11 13 00-0082)*

03 11 13 00-0086	LF	1/2" Wide Chamfer Strips for Concrete Formwork, All Materials	1.73	
03 11 13 00-0087	LF	3/4" Wide Chamfer Strips for Concrete Formwork, All Materials	2.00	
03 11 13 00-0088	LF	1" Wide Chamfer Strips for Concrete Formwork, All Materials	2.32	

03 11 13 00-0089 Reglets *(03 11 13 00-0082)*

03 11 13 00-0090	LF	24 To 26 Gauge Galvanized Steel Reglets for Concrete Formwork	8.25	

03 11 13 00-0091 Sleeves And Chases, Plastic Or Sheet Metal *(03 11 13 00-0082)*

03 11 13 00-0092	EA	2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	9.27	
03 11 13 00-0093	EA	4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	10.96	
03 11 13 00-0094	EA	6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	13.23	
03 11 13 00-0095	EA	8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	14.55	
03 11 13 00-0096	EA	12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	18.60	
03 11 13 00-0097	EA	18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	36.97	

03 11 16 Architectural Cast-In-Place Concrete Forming *(03 11)*

03 11 16 00-0001 Concrete Form Liners *(03 11 16)*

03 11 16 00-0002	SF	Concrete Form Liner, Various Patterns And Textures, Add To Formwork	4.08	

03 11 23 Permanent Stair Forming *(03 11)*

03 11 23 00-0001 Stairway Wood Formwork *(03 11 23)*

03 11 23 00-0002	SF	Cast On Grade Stairway Wood Formwork	13.75	
		For Curved Formwork, Add	*5.28*	
		For <1000, Add	*2.68*	
03 11 23 00-0003	SF	Elevated Stairway Wood Formwork	27.09	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		For Curved Formwork, Add	*10.28*	
		For <1000, Add	*5.23*	

03 11 23 00-0004 Stairway Metal Framed Formwork *(03 11 23)*

03 11 23 00-0005	SF	Cast On Grade Stairway Metal Framed Formwork	11.04	
		For Curved Formwork, Add	*4.28*	
		For <1,000, Add	*2.16*	
03 11 23 00-0006	SF	Elevated Stairway Metal Framed Formwork	20.56	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		For Curved Formwork, Add	*7.95*	
		For <1,000, Add	*4.02*	

03 15 Concrete Accessories *(03 10)*

03 15 13 Waterstops *(03 15)*

03 15 13 13 Non-Expanding Waterstops *(03 15 13)*

03 15 13 13-0001 PVC Waterstops *(03 15 13 13)*

03 15 13 13-0002	LF	3/16" Thick x 4" Wide Ribbed PVC Waterstop	5.98	
03 15 13 13-0003	LF	3/16" Thick x 6" Wide Ribbed PVC Waterstop	6.61	
03 15 13 13-0004	LF	3/16" Thick x 9" Wide Ribbed PVC Waterstop With Center Bulb	7.70	
03 15 13 13-0005	LF	3/8" Thick x 9" Wide Ribbed PVC Waterstop With Center Bulb	8.32	
03 15 13 13-0006	LF	1/2" Thick x 9" Wide Ribbed PVC Waterstop	11.30	
03 15 13 13-0007	LF	3/16" Thick x 6" Wide Dumbbell PVC Waterstop	5.94	
03 15 13 13-0008	LF	3/8" Thick x 6" Wide Dumbbell PVC Waterstop	7.62	
03 15 13 13-0009	LF	3/8" Thick x 9" Wide Plain PVC Waterstop	12.12	
03 15 13 13-0010	LF	3/8" Thick x 9" Wide Plain PVC Waterstop With Center Bulb	10.07	

03 15 13 13-0011 Rubber Waterstops *(03 15 13 13)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 13 13-0012	LF	3/8" Thick x 6" Wide Rubber Dumbbell Waterstop	7.57	
03 15 13 13-0013	LF	3/8" Thick x 9" Wide Rubber Dumbbell Waterstop	8.81	
03 15 13 13-0014	LF	1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb	8.22	
03 15 13 13-0015	LF	1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb	11.58	
03 15 13 13-0016	LF	3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb	9.27	
03 15 13 13-0017	LF	3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb	12.17	

03 15 13 16 Expanding Waterstops *(03 15 13)*

03 15 13 16-0001 Bentonite Waterstops *(03 15 13 16)*

03 15 13 16-0002	LF	3/4" x 3/8" Bentonite Waterstop	5.08	
03 15 13 16-0003	LF	1-1/4" x 1/2" Bentonite Waterstop	7.43	
03 15 13 16-0004	LF	1" x 3/4" Bentonite Waterstop	8.27	
03 15 13 16-0005	LF	1" x 1" Bentonite Waterstop	9.16	

03 15 16 Concrete Construction Joints *(03 15)*

03 15 16 00-0001 Poured Expansion Joint *(03 15 16)*

03 15 16 00-0002	LF	1/2" x 1" Plain Asphalt Expansion Joint, Poured	2.56	0.66
		For Installation In Walls, Add	*1.10*	
03 15 16 00-0003	LF	1" x 2" Plain Asphalt Expansion Joint, Poured	5.54	0.66
		For Installation In Walls, Add	*1.25*	
03 15 16 00-0004	LF	1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied	2.22	0.66
		For Installation In Walls, Add	*1.10*	
03 15 16 00-0005	LF	1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied	4.66	0.66
		For Installation In Walls, Add	*1.25*	
03 15 16 00-0006	LF	1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts	2.31	0.66
		For Installation In Walls, Add	*1.25*	
03 15 16 00-0007	LF	1" x 2" Polyurethane Expansion Joint, Poured, Hot Or Cold Applied	5.26	0.66
		For Installation In Walls, Add	*2.02*	
03 15 16 00-0008	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied	1.83	0.66
		For Installation In Walls, Add	*1.10*	
03 15 16 00-0009	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	2.23	0.66
		For Installation In Walls, Add	*1.10*	
03 15 16 00-0010	LF	1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	3.04	0.66
		For Installation In Walls, Add	*1.25*	

03 15 16 00-0011 Premolded Expansion Joints *(03 15 16)*

03 15 16 00-0012 Asphalt Saturated Fiber, Premolded Expansion Joints *(03 15 16 00-0011)*

03 15 16 00-0013	LF	1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	1.75	0.81
03 15 16 00-0014	LF	1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	1.97	0.86
03 15 16 00-0015	LF	1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.12	0.90
03 15 16 00-0016	LF	1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	2.27	0.94
03 15 16 00-0017	LF	3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	1.88	0.81
03 15 16 00-0018	LF	3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.08	0.86
03 15 16 00-0019	LF	3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.31	0.90
03 15 16 00-0020	LF	3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	2.65	0.94
03 15 16 00-0021	LF	1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint	1.72	0.77
03 15 16 00-0022	LF	1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	1.86	0.81
03 15 16 00-0023	LF	1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.03	0.86
03 15 16 00-0024	LF	1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.17	0.90
03 15 16 00-0025	LF	1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	2.34	0.94
03 15 16 00-0026	LF	1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	2.58	0.98
03 15 16 00-0027	LF	1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint	2.77	1.02
03 15 16 00-0028	LF	1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint	3.09	1.06
03 15 16 00-0029	LF	3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.04	0.86
03 15 16 00-0030	LF	3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.31	0.90
03 15 16 00-0031	LF	3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	2.78	0.98
03 15 16 00-0032	SF	1" Asphalt Saturated Fiber, Premolded Expansion Joint	4.72	1.35

03 15 16 00-0033 Cork, Premolded Expansion Joints *(03 15 16 00-0011)*

03 15 16 00-0034	LF	1/2" x 4" Cork, Premolded Expansion Joint	2.80	0.86
03 15 16 00-0035	LF	1/2" x 6" Cork, Premolded Expansion Joint	3.14	0.94
03 15 16 00-0036	LF	1/2" x 8" Cork, Premolded Expansion Joint	3.40	0.98
03 15 16 00-0037	LF	1/2" x 10" Cork, Premolded Expansion Joint	4.65	1.02
03 15 16 00-0038	LF	1/2" x 12" Cork, Premolded Expansion Joint	4.96	1.06
03 15 16 00-0039	SF	1/2" Cork, Premolded Expansion Joint	5.53	1.35
03 15 16 00-0040	SF	3/4" Cork, Premolded Expansion Joint	6.34	1.35
03 15 16 00-0041	SF	1" Cork, Premolded Expansion Joint	6.71	1.35

03 15 16 00-0042 Flexible Polyethylene Foam, Premolded Expansion Joints *(03 15 16 00-0011)*

03 15 16 00-0043	LF	1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	1.88	0.86
03 15 16 00-0044	LF	1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	1.96	0.90
03 15 16 00-0045	LF	1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.07	0.94
03 15 16 00-0046	LF	1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	2.36	0.98
03 15 16 00-0047	LF	1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	1.93	0.86
03 15 16 00-0048	LF	1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.02	0.90
03 15 16 00-0049	LF	1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.10	0.94
03 15 16 00-0050	LF	1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	2.29	0.98

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0051		Zip Strip, Premolded Expansion Joints *(03 15 16 00-0011)*		
03 15 16 00-0052	LF	1" Zip Strip, Premolded Expansion Joint	1.90	0.86
03 15 16 00-0053	LF	1-1/2" Zip Strip, Premolded Expansion Joint	2.06	0.90
03 15 16 00-0054	LF	2" Zip Strip, Premolded Expansion Joint	2.28	0.98
03 15 16 00-0055		Sponge Rubber, Premolded Expansion Joints *(03 15 16 00-0011)*		
03 15 16 00-0056	LF	1/2" x 4" Sponge Rubber, Premolded Expansion Joint	3.70	0.81
03 15 16 00-0057	LF	1/2" x 6" Sponge Rubber, Premolded Expansion Joint	4.43	0.81
03 15 16 00-0058		Asphalt Felt Control Joints Or Bond Breaker *(03 15 16)*		
03 15 16 00-0059	SF	Asphalt Felt Control Joint, 30 LB Felt Bond Breaker	0.94	0.61
03 15 16 00-0060	SF	Asphalt Felt Control Joint, 15 LB Felt Bond Breaker	0.87	0.61
03 15 16 00-0061		Keyed Cold Expansion And Control Joints *(03 15 16)*		
03 15 16 00-0062		24 Gauge Galvanized Steel With Stakes *(03 15 16 00-0061)*		
03 15 16 00-0063	LF	24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint	4.61	
03 15 16 00-0064	LF	24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint	4.69	
03 15 16 00-0065	LF	24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint	4.85	
03 15 16 00-0066	LF	24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint	5.13	
03 15 16 00-0067	LF	24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint	6.35	

03 20 Concrete Reinforcing *(03)*

Note: Includes cutting or torching to size, bending where necessary and tie wires.

03 21 Reinforcing Bars *(03 20)*

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 - 0.167 Lbs./LF, #3 - 0.376 Lbs./LF, #4 - 0.668 Lbs./LF, #5 - 1.043 Lbs./LF, #6 - 1.502 Lbs./LF, #7 - 2.044 Lbs./LF, #8 - 2.670 Lbs./LF, #9 - 3.400 Lbs./LF, #10 - 4.303 Lbs./LF, #11 - 5.313 Lbs./LF, #14 - 7.650 Lbs./LF, #18 - 13.600 Lbs./LF.

03 21 11 Plain Steel Reinforcement Bars *(03 21)*

03 21 11 00-0001		Footings And Slabs *(03 21 11)*	
03 21 11 00-0002	TON	Grade 40 Reinforcing Steel, Footings And Slabs, #3-#6	2,289.68
		For Epoxy Coated, Add	*665.17*
		For Stainless Steel, Add	*1,984.93*
		For Galvanized, Add	*352.88*
03 21 11 00-0003	TON	Grade 40 Reinforcing Steel, Footings And Slabs, #7-Up	2,073.19
		For Epoxy Coated, Add	*614.56*
		For Stainless Steel, Add	*1,833.89*
		For Galvanized, Add	*326.02*
03 21 11 00-0004	TON	Grade 50 Reinforcing Steel, Footings And Slabs, #3-#6	2,328.03
		For Epoxy Coated, Add	*694.09*
		For Stainless Steel, Add	*2,071.22*
		For Galvanized, Add	*368.22*
03 21 11 00-0005	TON	Grade 50 Reinforcing Steel, Footings And Slabs, #7-Up	2,117.30
		For Epoxy Coated, Add	*647.81*
		For Stainless Steel, Add	*1,933.13*
		For Galvanized, Add	*343.67*
03 21 11 00-0006	TON	Grade 60 Reinforcing Steel, Footings And Slabs, #3-#6	2,362.55
		For Epoxy Coated, Add	*720.12*
		For Stainless Steel, Add	*2,148.89*
		For Galvanized, Add	*382.02*
03 21 11 00-0007	TON	Grade 60 Reinforcing Steel, Footings And Slabs, #7-Up	2,178.67
		For Epoxy Coated, Add	*694.09*
		For Stainless Steel, Add	*2,071.22*
		For Galvanized, Add	*368.22*
03 21 11 00-0008	TON	Grade 70 Reinforcing Steel, Footings And Slabs, #3-#6	2,395.16
		For Epoxy Coated, Add	*744.70*
		For Stainless Steel, Add	*2,222.26*
		For Galvanized, Add	*395.07*
03 21 11 00-0009	TON	Grade 70 Reinforcing Steel, Footings And Slabs, #7-Up	2,188.26
		For Epoxy Coated, Add	*701.32*
		For Stainless Steel, Add	*2,092.79*
		For Galvanized, Add	*372.05*
03 21 11 00-0010		Beams, Columns And Walls *(03 21 11)*	
03 21 11 00-0011		Reinforcing Steel; Beams, Columns And Walls *(03 21 11 00-0010)*	
03 21 11 00-0012	TON	Grade 50 Reinforcing Steel, Beams, Columns, Walls, #3-#6	2,341.49
		For Epoxy Coated, Add	*704.24*
		For Stainless Steel, Add	*2,101.50*
		For Galvanized, Add	*373.60*
03 21 11 00-0013	TON	Grade 50 Reinforcing Steel, Beams, Columns, Walls, #7-Up	2,130.02
		For Epoxy Coated, Add	*657.41*
		For Stainless Steel, Add	*1,961.75*
		For Galvanized, Add	*348.76*
03 21 11 00-0014	TON	Grade 60 Reinforcing Steel, Beams, Columns, Walls, #3-#6	2,386.88
		For Epoxy Coated, Add	*738.46*
		For Stainless Steel, Add	*2,203.63*
		For Galvanized, Add	*391.76*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0015	TON	Grade 60 Reinforcing Steel, Beams, Columns, Walls, #7-Up	2,213.63	
		For Epoxy Coated, Add	*720.45*	
		For Stainless Steel, Add	*2,149.88*	
		For Galvanized, Add	*382.20*	
03 21 11 00-0016	TON	Grade 70 Reinforcing Steel, Beams, Columns, Walls, #3-#6	2,465.71	
		For Epoxy Coated, Add	*797.90*	
		For Stainless Steel, Add	*2,381.00*	
		For Galvanized, Add	*423.29*	
03 21 11 00-0017	TON	Grade 70 Reinforcing Steel, Beams, Columns, Walls, #7-Up	2,254.24	
		For Epoxy Coated, Add	*751.07*	
		For Stainless Steel, Add	*2,241.25*	
		For Galvanized, Add	*398.44*	

03 21 11 00-0018 Mechanical Joint Connection *(03 21 11 00-0010)*

03 21 11 00-0019 Thermal Type *(03 21 11 00-0018)*

03 21 11 00-0020	EA	Mechanical Joint Connection, Thermal Type, Add Per Splice	147.78	

03 21 11 00-0021 Screwed Type *(03 21 11 00-0018)*

03 21 11 00-0022	EA	Mechanical Joint Connection, Screwed Type, Add Per Splice	81.51	

03 21 11 00-0023 Dowels *(03 21 11)*

Note: Includes grout.

03 21 11 00-0024 Straight Dowels *(03 21 11 00-0023)*

03 21 11 00-0025	EA	Straight Dowels, 3/8" Diameter x 24" Long, Deformed	2.01	
		For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	*1.94*	
		For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	*1.87*	
		For >12" Length, Deduct	*-0.12*	
		For Up To 12" Length, Deduct	*-0.23*	
		For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth	*2.23*	
03 21 11 00-0026	EA	Straight Dowels, 1/2" Diameter x 24" Long, Deformed	2.39	
		For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	*2.20*	
		For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	*2.12*	
		For >12" Length, Deduct	*-0.15*	
		For Up To 12" Length, Deduct	*-0.30*	
03 21 11 00-0027	EA	Straight Dowels, 5/8" Diameter x 24" Long, Deformed	2.90	
		For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	*2.30*	
		For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	*2.22*	
		For >12" Length, Deduct	*-0.24*	
		For Up To 12" Length, Deduct	*-0.48*	
03 21 11 00-0028	EA	Straight Dowels, 3/4" Diameter x 24" Long, Deformed	3.53	
		For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	*2.43*	
		For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	*2.34*	
		For >12" Length, Deduct	*-0.34*	
		For Up To 12" Length, Deduct	*-0.69*	
03 21 11 00-0029	EA	Straight Dowels, 7/8" Diameter x 24" Long, Deformed	4.16	
		For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	*2.37*	
		For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	*2.28*	
		For >12" Length, Deduct	*-0.48*	
		For Up To 12" Length, Deduct	*-0.96*	
03 21 11 00-0030	EA	Straight Dowels, 1" Diameter x 24" Long, Deformed	5.25	
		For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	*2.90*	
		For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	*2.79*	
		For >12" Length, Deduct	*-0.62*	
		For Up To 12" Length, Deduct	*-1.23*	
03 21 11 00-0031	EA	Straight Dowels, 1-1/8" Diameter x 24" Long, Deformed	6.19	
		For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	*3.19*	
		For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	*3.07*	
		For >12" Length, Deduct	*-0.76*	
		For Up To 12" Length, Deduct	*-1.52*	
03 21 11 00-0032	EA	Straight Dowels, 1-1/4" Diameter x 24" Long, Deformed	7.57	
		For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	*3.47*	
		For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	*3.34*	
		For >12" Length, Deduct	*-0.99*	
		For Up To 12" Length, Deduct	*-1.98*	
03 21 11 00-0033	EA	Straight Dowels, 1-3/8" Diameter x 24" Long, Deformed	8.97	
		For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	*3.79*	
		For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	*3.64*	
		For >12" Length, Deduct	*-1.22*	
		For Up To 12" Length, Deduct	*-2.45*	

03 21 11 00-0034 Epoxy Coated Straight Dowels *(03 21 11 00-0023)*

03 21 11 00-0035	EA	Epoxy Coated Straight Dowels, 3/8" x 24" Long, #3 Rebar	2.35	
		For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	*2.10*	
		For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	*2.02*	
		For >12" Length, Deduct	*-0.16*	
		For Up To 12" Length, Deduct	*-0.32*	
03 21 11 00-0036	EA	Epoxy Coated Straight Dowels, 1/2" x 24" Long, #4 Rebar	2.85	
		For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	*2.20*	
		For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	*2.12*	
		For >12" Length, Deduct	*-0.24*	
		For Up To 12" Length, Deduct	*-0.49*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0037	EA	Epoxy Coated Straight Dowels, 5/8" x 24" Long, #5 Rebar	3.52	
		For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	*2.30*	
		For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	*2.22*	
		For >12" Length, Deduct	*-0.36*	
		For Up To 12" Length, Deduct	*-0.72*	
03 21 11 00-0038	EA	Epoxy Coated Straight Dowels, 3/4" x 24" Long, #6 Rebar	4.22	
		For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	*2.43*	
		For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	*2.34*	
		For >12" Length, Deduct	*-0.48*	
		For Up To 12" Length, Deduct	*-0.96*	
03 21 11 00-0039	EA	Epoxy Coated Straight Dowels, 7/8" x 24" Long, #7 Rebar	5.25	
		For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	*2.64*	
		For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	*2.54*	
		For >12" Length, Deduct	*-0.66*	
		For Up To 12" Length, Deduct	*-1.31*	
03 21 11 00-0040	EA	Epoxy Coated Straight Dowels, 1" x 24" Long, #8 Rebar	6.21	
		For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	*2.90*	
		For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	*2.79*	
		For >12" Length, Deduct	*-0.81*	
		For Up To 12" Length, Deduct	*-1.62*	
03 21 11 00-0041	EA	Epoxy Coated Straight Dowels, 1-1/8" x 24" Long, #9 Rebar	7.40	
		For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	*3.34*	
		For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	*3.22*	
		For >12" Length, Deduct	*-0.98*	
		For Up To 12" Length, Deduct	*-1.96*	
03 21 11 00-0042	EA	Epoxy Coated Straight Dowels, 1-1/4" x 24" Long, #10 Rebar	8.89	
		For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	*3.93*	
		For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	*3.78*	
		For >12" Length, Deduct	*-1.19*	
		For Up To 12" Length, Deduct	*-2.37*	

03 21 11 00-0043 Spirals *(03 21 11)*

03 21 11 00-0044	TON	Spirals, 8" To 15" Diameter, Grade 60	3,390.29
03 21 11 00-0045	TON	Spirals, 15" To 24" Diameter, Grade 60	3,359.97
03 21 11 00-0046	TON	Spirals, 24" To 36" Diameter, Grade 60	3,359.97
03 21 11 00-0047	TON	Spirals, 36" To 48" Diameter, Grade 60	3,299.02
03 21 11 00-0048	TON	Spirals, 48" To 64" Diameter, Grade 60	3,247.89
03 21 11 00-0049	TON	Spirals, 64" To 84" Diameter, Grade 60	3,249.62
03 21 11 00-0050	TON	Spirals, 84" To 96" Diameter, Grade 60	3,206.81

03 22 Fabric And Grid Reinforcing *(03 20)*

03 22 11 Plain Welded Wire Fabric Reinforcing *(03 22)*

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

03 22 11 00-0001 Welded Wire Reinforcement Placed In Floors Or Slabs *(03 22 11)*

Note: Includes bar chairs. Under 5 tons.

03 22 11 00-0002	SF	6 x 6 x #10, 21 LB/CSF, Welded Wire Reinforcement In Slabs, (W 1.4 x W 1.4)	0.60
		For >5 Ton, Deduct	*-0.09*
		For Galvanized, Add	*0.06*
		For Epoxy Coated, Add	*0.13*
03 22 11 00-0003	SF	6 x 6 x #8, 30 LB/CSF, Welded Wire Reinforcement In Slabs, (W 2.0 x W 2.0)	0.75
		For >5 Ton, Deduct	*-0.11*
		For Galvanized, Add	*0.10*
		For Epoxy Coated, Add	*0.21*
03 22 11 00-0004	SF	6 x 6 x #6, 42 LB/CSF, Welded Wire Reinforcement In Slabs, (W 2.9 x W 2.9)	0.87
		For >5 Ton, Deduct	*-0.12*
		For Galvanized, Add	*0.14*
		For Epoxy Coated, Add	*0.27*
03 22 11 00-0005	SF	6 x 6 x #4, 58 LB/CSF, Welded Wire Reinforcement In Slabs, (W 4.0 x W 4.0)	1.05
		For >5 Ton, Deduct	*-0.14*
		For Galvanized, Add	*0.19*
		For Epoxy Coated, Add	*0.38*
03 22 11 00-0006	SF	4 x 4 x #10, 31 LB/CSF, Welded Wire Reinforcement In Slabs, (W 1.4 x W 1.4)	0.82
		For >5 Ton, Deduct	*-0.12*
		For Galvanized, Add	*0.13*
		For Epoxy Coated, Add	*0.26*
03 22 11 00-0007	SF	4 x 4 x #8, 44 LB/CSF, Welded Wire Reinforcement In Slabs, (W 2.0 x W 2.0)	0.94
		For >5 Ton, Deduct	*-0.13*
		For Galvanized, Add	*0.16*
		For Epoxy Coated, Add	*0.33*
03 22 11 00-0008	SF	4 x 4 x #6, 61 LB/CSF, Welded Wire Reinforcement In Slabs, (W 3.0 x W 3.0)	1.07
		For >5 Ton, Deduct	*-0.15*
		For Galvanized, Add	*0.20*
		For Epoxy Coated, Add	*0.41*
03 22 11 00-0009	SF	4 x 4 x #4, 85 LB/CSF, Welded Wire Reinforcement In Slabs, (W 4.0 x W 4.0)	1.26
		For >5 Ton, Deduct	*-0.17*
		For Galvanized, Add	*0.26*
		For Epoxy Coated, Add	*0.52*
03 22 11 00-0010	SF	2 x 2 x #12, 21 LB/CSF, Welded Wire Reinforcement In Slabs, (W 0.9 x W 0.9)	1.45
		For >5 Ton, Deduct	*-0.18*
		For Galvanized, Add	*0.38*
		For Epoxy Coated, Add	*0.77*

03 22 11 00-0011 Beam And Column Wrap, Galvanized *(03 22 11)*

Note: Includes bar chairs. Under 5 tons.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 22 11 00-0012	CSF	2 x 2 x #14, 21 LB/CSF, Welded Wire Reinforcement, Beams And Columns Wrap, Galvanized	299.83	
		For >5 Ton, Deduct	*-45.84*	

03 30 Cast-In-Place Concrete *(03)*

03 31 Structural Concrete *(03 30)*

03 31 13 Heavyweight Structural Concrete *(03 31)*

Note: Includes delivery and placement of material. See CSI section 02 41 00 00-0000 for demolition, 03 05 00 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.

03 31 13 00-0001 Equipment Pads *(03 31 13)*

03 31 13 00-0002 Small Concrete Equipment Housekeeping Pad Assemblies *(03 31 13 00-0001)*

Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad and up to 5 pads per project.

03 31 13 00-0003	SF	4" Equipment Pad With Welded Wire Reinforcement	12.80
03 31 13 00-0004	SF	4" Equipment Pad With Rebar	15.78
03 31 13 00-0005	SF	6" Equipment Pad With Rebar	19.91
03 31 13 00-0006	SF	8" Equipment Pad With Rebar	25.05

03 31 13 00-0007 Concrete Delivery And Placement *(03 31 13)*

Note: Includes cleaning out equipment and normal concrete placement tests. See CSI section 01 45 23 00-0000 for additional tests, 03 05 00 00-0001 for admixtures.

03 31 13 00-0008 Place Concrete By Method Indicated *(03 31 13 00-0007)*

Note: "Concrete Pump" concrete tasks from appropriate section excludes concrete pump truck, use appropriate pump truck tasks with placement tasks. See CSI section 03 31 13 00-0085 for concrete pump truck.

03 31 13 00-0009 Place Concrete Pile Caps *(03 31 13 00-0008)*

03 31 13 00-0010	CY	Crane And Bucket, Place 3000 PSI Concrete Pile Caps	206.95
		For 2,000 PSI Concrete, Deduct	*-6.24*
		For 2,500 PSI Concrete, Deduct	*-3.12*
		For 3,500 PSI Concrete, Add	*5.78*
		For 3,750 PSI Concrete, Add	*7.85*
		For 4,000 PSI Concrete, Add	*9.93*
		For 4,500 PSI Concrete, Add	*11.55*
		For 5,000 PSI Concrete, Add	*13.17*
		For 6,000 PSI Concrete, Add	*31.19*
		For 7,500 PSI Concrete, Add	*77.44*
		For White Cement Concrete, Add	*13.86*
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.02*
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*
		For Lightweight Aggregate, ASTM C330, Add	*34.65*
		For Up To 20, Add	*36.58*
		For >20 To 50, Add	*13.72*
		For >100 To 200, Deduct	*-4.14*
		For >200 To 400, Deduct	*-8.28*
		For >400, Deduct	*-12.42*
03 31 13 00-0011	CY	Direct Chute, Place 3000 PSI Concrete Pile Caps	157.43
		For 2,000 PSI Concrete, Deduct	*-6.24*
		For 2,500 PSI Concrete, Deduct	*-3.12*
		For 3,500 PSI Concrete, Add	*5.77*
		For 3,750 PSI Concrete, Add	*7.85*
		For 4,000 PSI Concrete, Add	*9.93*
		For 4,500 PSI Concrete, Add	*11.55*
		For 5,000 PSI Concrete, Add	*13.17*
		For 6,000 PSI Concrete, Add	*31.18*
		For 7,500 PSI Concrete, Add	*77.44*
		For White Cement Concrete, Add	*13.86*
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*
		For Lightweight Aggregate, ASTM C330, Add	*34.65*
		For Up To 20, Add	*16.78*
		For >20 To 50, Add	*6.29*
		For >100 To 200, Deduct	*-3.15*
		For >200 To 400, Deduct	*-6.30*
		For >400, Deduct	*-9.45*
03 31 13 00-0012	CY	Concrete Pump, Place 3000 PSI Concrete Pile Caps Note: Excludes pumping equipment.	165.06
		For 2,000 PSI Concrete, Deduct	*-6.76*
		For 2,500 PSI Concrete, Deduct	*-3.38*
		For 3,500 PSI Concrete, Add	*6.26*
		For 3,750 PSI Concrete, Add	*8.51*
		For 4,000 PSI Concrete, Add	*10.76*
		For 4,500 PSI Concrete, Add	*12.51*
		For 5,000 PSI Concrete, Add	*14.26*
		For 6,000 PSI Concrete, Add	*33.78*
		For 7,500 PSI Concrete, Add	*83.89*
		For White Cement Concrete, Add	*15.01*
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*
		For Lightweight Aggregate, ASTM C330, Add	*37.54*
		For Up To 20, Add	*15.98*
		For >20 To 50, Add	*5.99*
		For >100 To 200, Deduct	*-3.30*
		For >200 To 400, Deduct	*-6.60*
		For >400, Deduct	*-9.90*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 31 13 00-0013 Place Concrete Continuous Footings *(03 31 13 00-0008)*

03 31 13 00-0014	CY	Crane And Bucket, Place 3000 PSI Concrete Continuous Footings	196.77
		For 2,000 PSI Concrete, Deduct	*-6.24*
		For 2,500 PSI Concrete, Deduct	*-3.12*
		For 3,500 PSI Concrete, Add	*5.77*
		For 3,750 PSI Concrete, Add	*7.85*
		For 4,000 PSI Concrete, Add	*9.93*
		For 4,500 PSI Concrete, Add	*11.55*
		For 5,000 PSI Concrete, Add	*13.17*
		For 6,000 PSI Concrete, Add	*31.18*
		For 7,500 PSI Concrete, Add	*77.44*
		For White Cement Concrete, Add	*13.86*
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*
		For Lightweight Aggregate, ASTM C330, Add	*34.65*
		For Up To 20, Add	*32.51*
		For >20 To 50, Add	*12.19*
		For >100 To 200, Deduct	*-3.94*
		For >200 To 400, Deduct	*-7.87*
		For >400, Deduct	*-11.81*
03 31 13 00-0015	CY	Direct Chute, Place 3000 PSI Concrete Continuous Footings	152.77
		For 2,000 PSI Concrete, Deduct	*-6.24*
		For 2,500 PSI Concrete, Deduct	*-3.12*
		For 3,500 PSI Concrete, Add	*5.77*
		For 3,750 PSI Concrete, Add	*7.85*
		For 4,000 PSI Concrete, Add	*9.93*
		For 4,500 PSI Concrete, Add	*11.55*
		For 5,000 PSI Concrete, Add	*13.17*
		For 6,000 PSI Concrete, Add	*31.18*
		For 7,500 PSI Concrete, Add	*77.44*
		For White Cement Concrete, Add	*13.86*
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*
		For Lightweight Aggregate, ASTM C330, Add	*34.65*
		For Up To 20, Add	*14.91*
		For >20 To 50, Add	*5.59*
		For >100 To 200, Deduct	*-3.06*
		For >200 To 400, Deduct	*-6.11*
		For >400, Deduct	*-9.17*
03 31 13 00-0016	CY	Concrete Pump, Place 3000 PSI Concrete Continuous Footings Note: Excludes pumping equipment.	160.63
		For 2,000 PSI Concrete, Deduct	*-6.76*
		For 2,500 PSI Concrete, Deduct	*-3.38*
		For 3,500 PSI Concrete, Add	*6.26*
		For 3,750 PSI Concrete, Add	*8.51*
		For 4,000 PSI Concrete, Add	*10.76*
		For 4,500 PSI Concrete, Add	*12.51*
		For 5,000 PSI Concrete, Add	*14.26*
		For 6,000 PSI Concrete, Add	*33.78*
		For 7,500 PSI Concrete, Add	*83.89*
		For White Cement Concrete, Add	*15.01*
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*
		For Lightweight Aggregate, ASTM C330, Add	*37.54*
		For Up To 20, Add	*14.20*
		For >20 To 50, Add	*5.33*
		For >100 To 200, Deduct	*-3.21*
		For >200 To 400, Deduct	*-6.43*
		For >400, Deduct	*-9.64*

03 31 13 00-0017 Place Concrete Spread Footings *(03 31 13 00-0008)*

03 31 13 00-0018	CY	Crane And Bucket, Place 3000 PSI Concrete Spread Footings	252.65
		For 2,000 PSI Concrete, Deduct	*-6.24*
		For 2,500 PSI Concrete, Deduct	*-3.12*
		For 3,500 PSI Concrete, Add	*5.77*
		For 3,750 PSI Concrete, Add	*7.85*
		For 4,000 PSI Concrete, Add	*9.93*
		For 4,500 PSI Concrete, Add	*11.55*
		For 5,000 PSI Concrete, Add	*13.17*
		For 6,000 PSI Concrete, Add	*31.18*
		For 7,500 PSI Concrete, Add	*77.44*
		For White Cement Concrete, Add	*13.86*
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*
		For Lightweight Aggregate, ASTM C330, Add	*34.65*
		For Up To 20, Add	*54.86*
		For >20 To 50, Add	*20.57*
		For >100 To 200, Deduct	*-5.05*
		For >200 To 400, Deduct	*-10.11*
		For >400, Deduct	*-15.16*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0019	CY	Direct Chute, Place 3000 PSI Concrete Spread Footings	178.40	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*25.16*	
		For >20 To 50, Add	*9.44*	
		For >100 To 200, Deduct	*-3.57*	
		For >200 To 400, Deduct	*-7.14*	
		For >400, Deduct	*-10.70*	
03 31 13 00-0020	CY	Concrete Pump, Place 3000 PSI Concrete Spread Footings Note: Excludes pumping equipment.	185.03	
		For 2,000 PSI Concrete, Deduct	*-6.76*	
		For 2,500 PSI Concrete, Deduct	*-3.38*	
		For 3,500 PSI Concrete, Add	*6.26*	
		For 3,750 PSI Concrete, Add	*8.51*	
		For 4,000 PSI Concrete, Add	*10.76*	
		For 4,500 PSI Concrete, Add	*12.51*	
		For 5,000 PSI Concrete, Add	*14.26*	
		For 6,000 PSI Concrete, Add	*33.78*	
		For 7,500 PSI Concrete, Add	*83.89*	
		For White Cement Concrete, Add	*15.01*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*	
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*	
		For Lightweight Aggregate, ASTM C330, Add	*37.54*	
		For Up To 20, Add	*23.96*	
		For >20 To 50, Add	*8.99*	
		For >100 To 200, Deduct	*-3.70*	
		For >200 To 400, Deduct	*-7.40*	
		For >400, Deduct	*-11.10*	

03 31 13 00-0021 Place Concrete Mat Foundation *(03 31 13 00-0008)*

03 31 13 00-0022	CY	Crane And Bucket, Place 3000 PSI Concrete Mat Foundation	139.87	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*9.75*	
		For >20 To 50, Add	*3.66*	
		For >100 To 200, Deduct	*-2.80*	
		For >200 To 400, Deduct	*-5.59*	
		For >400, Deduct	*-8.39*	
03 31 13 00-0023	CY	Direct Chute, Place 3000 PSI Concrete Mat Foundation	126.68	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*4.48*	
		For >20 To 50, Add	*1.68*	
		For >100 To 200, Deduct	*-2.53*	
		For >200 To 400, Deduct	*-5.07*	
		For >400, Deduct	*-7.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0024	CY	Concrete Pump, Place 3000 PSI Concrete Mat Foundation Note: Excludes pumping equipment.	134.44	
		For 2,000 PSI Concrete, Deduct	*-6.76*	
		For 2,500 PSI Concrete, Deduct	*-3.38*	
		For 3,500 PSI Concrete, Add	*6.26*	
		For 3,750 PSI Concrete, Add	*8.51*	
		For 4,000 PSI Concrete, Add	*10.76*	
		For 4,500 PSI Concrete, Add	*12.51*	
		For 5,000 PSI Concrete, Add	*14.26*	
		For 6,000 PSI Concrete, Add	*33.78*	
		For 7,500 PSI Concrete, Add	*83.89*	
		For White Cement Concrete, Add	*15.01*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*	
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*	
		For Lightweight Aggregate, ASTM C330, Add	*37.54*	
		For Up To 20, Add	*3.73*	
		For >20 To 50, Add	*1.40*	
		For >100 To 200, Deduct	*-2.69*	
		For >200 To 400, Deduct	*-5.38*	
		For >400, Deduct	*-8.07*	

03 31 13 00-0025 Place Concrete Grade Beams *(03 31 13 00-0008)*

03 31 13 00-0026	CY	Crane And Bucket, Place 3000 PSI Concrete Grade Beams	180.52	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*26.01*	
		For >20 To 50, Add	*9.75*	
		For >100 To 200, Deduct	*-3.61*	
		For >200 To 400, Deduct	*-7.22*	
		For >400, Deduct	*-10.83*	
03 31 13 00-0027	CY	Direct Chute, Place 3000 PSI Concrete Grade Beams	145.31	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*11.93*	
		For >20 To 50, Add	*4.47*	
		For >100 To 200, Deduct	*-2.91*	
		For >200 To 400, Deduct	*-5.81*	
		For >400, Deduct	*-8.72*	
03 31 13 00-0028	CY	Concrete Pump, Place 3000 PSI Concrete Grade Beams Note: Excludes pumping equipment.	153.52	
		For 2,000 PSI Concrete, Deduct	*-6.76*	
		For 2,500 PSI Concrete, Deduct	*-3.38*	
		For 3,500 PSI Concrete, Add	*6.26*	
		For 3,750 PSI Concrete, Add	*8.51*	
		For 4,000 PSI Concrete, Add	*10.76*	
		For 4,500 PSI Concrete, Add	*12.51*	
		For 5,000 PSI Concrete, Add	*14.26*	
		For 6,000 PSI Concrete, Add	*33.78*	
		For 7,500 PSI Concrete, Add	*83.89*	
		For White Cement Concrete, Add	*15.01*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*	
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*	
		For Lightweight Aggregate, ASTM C330, Add	*37.54*	
		For Up To 20, Add	*11.36*	
		For >20 To 50, Add	*4.26*	
		For >100 To 200, Deduct	*-3.07*	
		For >200 To 400, Deduct	*-6.14*	
		For >400, Deduct	*-9.21*	

03 31 13 00-0029 Place Concrete Slab On Grade *(03 31 13 00-0008)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0030	CY	Up To 6", By Crane And Bucket, Place 3000 PSI Concrete Slab On Grade	182.04	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*26.62*	
		For >20 To 50, Add	*9.98*	
		For >100 To 200, Deduct	*-3.64*	
		For >200 To 400, Deduct	*-7.28*	
		For >400, Deduct	*-10.92*	
03 31 13 00-0031	CY	>6", By Crane And Bucket, Place 3000 PSI Concrete Slab On Grade	166.00	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*20.20*	
		For >20 To 50, Add	*7.58*	
		For >100 To 200, Deduct	*-3.32*	
		For >200 To 400, Deduct	*-6.64*	
		For >400, Deduct	*-9.96*	
03 31 13 00-0032	CY	Up To 6", By Direct Chute, Place 3000 PSI Concrete Slab On Grade	146.02	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*12.21*	
		For >20 To 50, Add	*4.58*	
		For >100 To 200, Deduct	*-2.92*	
		For >200 To 400, Deduct	*-5.84*	
		For >400, Deduct	*-8.76*	
03 31 13 00-0033	CY	>6", By Direct Chute, Place 3000 PSI Concrete Slab On Grade	138.64	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*9.26*	
		For >20 To 50, Add	*3.47*	
		For >100 To 200, Deduct	*-2.77*	
		For >200 To 400, Deduct	*-5.55*	
		For >400, Deduct	*-8.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0034	CY	Up To 6", By Concrete Pump, Place 3000 PSI Concrete Slab On Grade Note: Excludes pumping equipment.	150.56	
		For 2,000 PSI Concrete, Deduct	*-6.76*	
		For 2,500 PSI Concrete, Deduct	*-3.38*	
		For 3,500 PSI Concrete, Add	*6.26*	
		For 3,750 PSI Concrete, Add	*8.51*	
		For 4,000 PSI Concrete, Add	*10.76*	
		For 4,500 PSI Concrete, Add	*12.51*	
		For 5,000 PSI Concrete, Add	*14.26*	
		For 6,000 PSI Concrete, Add	*33.78*	
		For 7,500 PSI Concrete, Add	*83.89*	
		For White Cement Concrete, Add	*15.01*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*	
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*	
		For Lightweight Aggregate, ASTM C330, Add	*37.54*	
		For Up To 20, Add	*10.18*	
		For >20 To 50, Add	*3.82*	
		For >100 To 200, Deduct	*-3.01*	
		For >200 To 400, Deduct	*-6.02*	
		For >400, Deduct	*-9.03*	
03 31 13 00-0035	CY	>6", By Concrete Pump, Place 3000 PSI Concrete Slab On Grade Note: Excludes pumping equipment.	144.42	
		For 2,000 PSI Concrete, Deduct	*-6.76*	
		For 2,500 PSI Concrete, Deduct	*-3.38*	
		For 3,500 PSI Concrete, Add	*6.26*	
		For 3,750 PSI Concrete, Add	*8.51*	
		For 4,000 PSI Concrete, Add	*10.76*	
		For 4,500 PSI Concrete, Add	*12.51*	
		For 5,000 PSI Concrete, Add	*14.26*	
		For 6,000 PSI Concrete, Add	*33.78*	
		For 7,500 PSI Concrete, Add	*83.89*	
		For White Cement Concrete, Add	*15.01*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*	
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*	
		For Lightweight Aggregate, ASTM C330, Add	*37.54*	
		For Up To 20, Add	*7.72*	
		For >20 To 50, Add	*2.90*	
		For >100 To 200, Deduct	*-2.89*	
		For >200 To 400, Deduct	*-5.78*	
		For >400, Deduct	*-8.67*	

03 31 13 00-0036 Place Concrete Duct Bank *(03 31 13 00-0008)*

03 31 13 00-0037	CY	Direct Chute, Place 3000 PSI Concrete Duct Bank	140.76	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*10.11*	
		For >20 To 50, Add	*3.79*	
		For >100 To 200, Deduct	*-2.82*	
		For >200 To 400, Deduct	*-5.63*	
		For >400, Deduct	*-8.45*	

03 31 13 00-0038 Place Concrete Stairs *(03 31 13 00-0008)*

03 31 13 00-0039	CY	Crane And Bucket, Place 3000 PSI On Grade Concrete Stairs	414.94	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*119.78*	
		For >20 To 50, Add	*44.92*	
		For >100 To 200, Deduct	*-8.30*	
		For >200 To 400, Deduct	*-16.60*	
		For >400, Deduct	*-24.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0040	CY	Direct Chute, Place 3000 PSI On Grade Concrete Stairs	252.85	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*54.94*	
		For >20 To 50, Add	*20.60*	
		For >100 To 200, Deduct	*-5.06*	
		For >200 To 400, Deduct	*-10.11*	
		For >400, Deduct	*-15.17*	
03 31 13 00-0041	CY	Concrete Pump, Place 3000 PSI On Grade Concrete Stairs Note: Excludes pumping equipment.	239.60	
		For 2,000 PSI Concrete, Deduct	*-6.76*	
		For 2,500 PSI Concrete, Deduct	*-3.38*	
		For 3,500 PSI Concrete, Add	*6.26*	
		For 3,750 PSI Concrete, Add	*8.51*	
		For 4,000 PSI Concrete, Add	*10.76*	
		For 4,500 PSI Concrete, Add	*12.51*	
		For 5,000 PSI Concrete, Add	*14.26*	
		For 6,000 PSI Concrete, Add	*33.78*	
		For 7,500 PSI Concrete, Add	*83.89*	
		For White Cement Concrete, Add	*15.01*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*	
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*	
		For Lightweight Aggregate, ASTM C330, Add	*37.54*	
		For Up To 20, Add	*45.79*	
		For >20 To 50, Add	*17.17*	
		For >100 To 200, Deduct	*-4.79*	
		For >200 To 400, Deduct	*-9.58*	
		For >400, Deduct	*-14.38*	

03 31 13 00-0042 Place Concrete Thrust Blocks And Backfill *(03 31 13 00-0008)*

03 31 13 00-0043	CY	Direct Chute, Place 3000 PSI Concrete Thrust Blocks	182.60	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.78*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.19*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.02*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	

03 31 13 00-0044 Place Concrete Slurry *(03 31 13 00-0008)*

Note: 2 bag cement per CY.

03 31 13 00-0045	CY	Direct Chute, Place 1200 PSI Concrete Slurry	168.16	
03 31 13 00-0046	CY	Concrete Pump, Place 1200 PSI Concrete Slurry Note: Excludes pumping equipment.	156.95	

03 31 13 00-0047 Hand Mix And Place Concrete *(03 31 13 00-0008)*

03 31 13 00-0048	CF	Hand Mix And Place Concrete Note: For use where conventional equipment access is limited or when directed by the owner.	26.16	
		For 2,000 PSI Concrete, Deduct	*-0.27*	
		For 2,500 PSI Concrete, Deduct	*-0.13*	
		For 3,500 PSI Concrete, Add	*0.25*	

03 31 13 00-0049 Place Concrete Superstructure By Method Indicated *(03 31 13 00-0007)*

See CSI section 03 31 13 00-0085 for concrete pump truck.

03 31 13 00-0050 Place Elevated Concrete Beams *(03 31 13 00-0049)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0051	CY	Crane And Bucket, Place 3000 PSI Elevated Concrete Beams	278.05	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*65.02*	
		For >20 To 50, Add	*24.38*	
		For >100 To 200, Deduct	*-5.56*	
		For >200 To 400, Deduct	*-11.12*	
		For >400, Deduct	*-16.68*	
03 31 13 00-0052	CY	Concrete Pump, Place 3000 PSI Elevated Concrete Beams Note: Excludes pumping equipment.	196.13	
		For 2,000 PSI Concrete, Deduct	*-6.76*	
		For 2,500 PSI Concrete, Deduct	*-3.38*	
		For 3,500 PSI Concrete, Add	*6.26*	
		For 3,750 PSI Concrete, Add	*8.51*	
		For 4,000 PSI Concrete, Add	*10.76*	
		For 4,500 PSI Concrete, Add	*12.51*	
		For 5,000 PSI Concrete, Add	*14.26*	
		For 6,000 PSI Concrete, Add	*33.78*	
		For 7,500 PSI Concrete, Add	*83.89*	
		For White Cement Concrete, Add	*15.01*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*	
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*	
		For Lightweight Aggregate, ASTM C330, Add	*37.54*	
		For Up To 20, Add	*28.40*	
		For >20 To 50, Add	*10.65*	
		For >100 To 200, Deduct	*-3.92*	
		For >200 To 400, Deduct	*-7.85*	
		For >400, Deduct	*-11.77*	

03 31 13 00-0053 Place Elevated Concrete Slab *(03 31 13 00-0049)*

03 31 13 00-0054	CY	Up To 6", By Crane And Bucket, Place 3000 PSI Elevated Concrete Slab	192.02	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*30.61*	
		For >20 To 50, Add	*11.48*	
		For >100 To 200, Deduct	*-3.84*	
		For >200 To 400, Deduct	*-7.68*	
		For >400, Deduct	*-11.52*	
03 31 13 00-0055	CY	>6", By Crane And Bucket, Place 3000 PSI Elevated Concrete Slab	173.56	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*23.23*	
		For >20 To 50, Add	*8.71*	
		For >100 To 200, Deduct	*-3.47*	
		For >200 To 400, Deduct	*-6.94*	
		For >400, Deduct	*-10.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0056	CY	Up To 6", By Concrete Pump, Place 3000 PSI Elevated Concrete Slab	158.55	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-6.76*	
		For 2,500 PSI Concrete, Deduct	*-3.38*	
		For 3,500 PSI Concrete, Add	*6.26*	
		For 3,750 PSI Concrete, Add	*8.51*	
		For 4,000 PSI Concrete, Add	*10.76*	
		For 4,500 PSI Concrete, Add	*12.51*	
		For 5,000 PSI Concrete, Add	*14.26*	
		For 6,000 PSI Concrete, Add	*33.78*	
		For 7,500 PSI Concrete, Add	*83.89*	
		For White Cement Concrete, Add	*15.01*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*	
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*	
		For Lightweight Aggregate, ASTM C330, Add	*37.54*	
		For Up To 20, Add	*13.37*	
		For >20 To 50, Add	*5.01*	
		For >100 To 200, Deduct	*-3.17*	
		For >200 To 400, Deduct	*-6.34*	
		For >400, Deduct	*-9.51*	
03 31 13 00-0057	CY	>6", By Concrete Pump, Place 3000 PSI Elevated Concrete Slab	150.49	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-6.76*	
		For 2,500 PSI Concrete, Deduct	*-3.38*	
		For 3,500 PSI Concrete, Add	*6.26*	
		For 3,750 PSI Concrete, Add	*8.51*	
		For 4,000 PSI Concrete, Add	*10.76*	
		For 4,500 PSI Concrete, Add	*12.51*	
		For 5,000 PSI Concrete, Add	*14.26*	
		For 6,000 PSI Concrete, Add	*33.78*	
		For 7,500 PSI Concrete, Add	*83.89*	
		For White Cement Concrete, Add	*15.01*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*	
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*	
		For Lightweight Aggregate, ASTM C330, Add	*37.54*	
		For Up To 20, Add	*10.15*	
		For >20 To 50, Add	*3.81*	
		For >100 To 200, Deduct	*-3.01*	
		For >200 To 400, Deduct	*-6.02*	
		For >400, Deduct	*-9.03*	

03 31 13 00-0058 Place Concrete Columns *(03 31 13 00-0049)*

03 31 13 00-0059	CY	12" Square Or Round, By Crane And Bucket, Place 3000 PSI Concrete Columns	291.06	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*70.23*	
		For >20 To 50, Add	*26.34*	
		For >100 To 200, Deduct	*-5.82*	
		For >200 To 400, Deduct	*-11.64*	
		For >400, Deduct	*-17.46*	
03 31 13 00-0060	CY	18" Square Or Round, By Crane And Bucket, Place 3000 PSI Concrete Columns	243.10	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*51.04*	
		For >20 To 50, Add	*19.14*	
		For >100 To 200, Deduct	*-4.86*	
		For >200 To 400, Deduct	*-9.72*	
		For >400, Deduct	*-14.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0061	CY	24" Square Or Round, By Crane And Bucket, Place 3000 PSI Concrete Columns	208.80	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*37.32*	
		For >20 To 50, Add	*14.00*	
		For >100 To 200, Deduct	*-4.18*	
		For >200 To 400, Deduct	*-8.35*	
		For >400, Deduct	*-12.53*	
03 31 13 00-0062	CY	36" Square Or Round, By Crane And Bucket, Place 3000 PSI Concrete Columns	193.53	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*31.22*	
		For >20 To 50, Add	*11.71*	
		For >100 To 200, Deduct	*-3.87*	
		For >200 To 400, Deduct	*-7.74*	
		For >400, Deduct	*-11.61*	
03 31 13 00-0063	CY	12" Square Or Round, By Concrete Pump, Place 3000 PSI Concrete Columns Note: Excludes pumping equipment.	201.81	
		For 2,000 PSI Concrete, Deduct	*-6.76*	
		For 2,500 PSI Concrete, Deduct	*-3.38*	
		For 3,500 PSI Concrete, Add	*6.26*	
		For 3,750 PSI Concrete, Add	*8.51*	
		For 4,000 PSI Concrete, Add	*10.76*	
		For 4,500 PSI Concrete, Add	*12.51*	
		For 5,000 PSI Concrete, Add	*14.26*	
		For 6,000 PSI Concrete, Add	*33.78*	
		For 7,500 PSI Concrete, Add	*83.89*	
		For White Cement Concrete, Add	*15.01*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*	
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*	
		For Lightweight Aggregate, ASTM C330, Add	*37.54*	
		For Up To 20, Add	*30.68*	
		For >20 To 50, Add	*11.50*	
		For >100 To 200, Deduct	*-4.04*	
		For >200 To 400, Deduct	*-8.07*	
		For >400, Deduct	*-12.11*	
03 31 13 00-0064	CY	18" Square Or Round, By Concrete Pump, Place 3000 PSI Concrete Columns Note: Excludes pumping equipment.	180.86	
		For 2,000 PSI Concrete, Deduct	*-6.76*	
		For 2,500 PSI Concrete, Deduct	*-3.38*	
		For 3,500 PSI Concrete, Add	*6.26*	
		For 3,750 PSI Concrete, Add	*8.51*	
		For 4,000 PSI Concrete, Add	*10.76*	
		For 4,500 PSI Concrete, Add	*12.51*	
		For 5,000 PSI Concrete, Add	*14.26*	
		For 6,000 PSI Concrete, Add	*33.78*	
		For 7,500 PSI Concrete, Add	*83.89*	
		For White Cement Concrete, Add	*15.01*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*	
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*	
		For Lightweight Aggregate, ASTM C330, Add	*37.54*	
		For Up To 20, Add	*22.30*	
		For >20 To 50, Add	*8.36*	
		For >100 To 200, Deduct	*-3.62*	
		For >200 To 400, Deduct	*-7.23*	
		For >400, Deduct	*-10.85*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0065	CY	24" Square Or Round, By Concrete Pump, Place 3000 PSI Concrete Columns	165.88	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-6.76*	
		For 2,500 PSI Concrete, Deduct	*-3.38*	
		For 3,500 PSI Concrete, Add	*6.26*	
		For 3,750 PSI Concrete, Add	*8.51*	
		For 4,000 PSI Concrete, Add	*10.76*	
		For 4,500 PSI Concrete, Add	*12.51*	
		For 5,000 PSI Concrete, Add	*14.26*	
		For 6,000 PSI Concrete, Add	*33.78*	
		For 7,500 PSI Concrete, Add	*83.89*	
		For White Cement Concrete, Add	*15.01*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*	
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*	
		For Lightweight Aggregate, ASTM C330, Add	*37.54*	
		For Up To 20, Add	*16.30*	
		For >20 To 50, Add	*6.11*	
		For >100 To 200, Deduct	*-3.32*	
		For >200 To 400, Deduct	*-6.64*	
		For >400, Deduct	*-9.95*	
03 31 13 00-0066	CY	36" Square Or Round, By Concrete Pump, Place 3000 PSI Concrete Columns	159.20	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-6.76*	
		For 2,500 PSI Concrete, Deduct	*-3.38*	
		For 3,500 PSI Concrete, Add	*6.26*	
		For 3,750 PSI Concrete, Add	*8.51*	
		For 4,000 PSI Concrete, Add	*10.76*	
		For 4,500 PSI Concrete, Add	*12.51*	
		For 5,000 PSI Concrete, Add	*14.26*	
		For 6,000 PSI Concrete, Add	*33.78*	
		For 7,500 PSI Concrete, Add	*83.89*	
		For White Cement Concrete, Add	*15.01*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*	
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*	
		For Lightweight Aggregate, ASTM C330, Add	*37.54*	
		For Up To 20, Add	*13.63*	
		For >20 To 50, Add	*5.11*	
		For >100 To 200, Deduct	*-3.18*	
		For >200 To 400, Deduct	*-6.37*	
		For >400, Deduct	*-9.55*	

03 31 13 00-0067 Place Concrete Walls *(03 31 13 00-0049)*

03 31 13 00-0068	CY	8" Thick, By Crane And Bucket, Place 3000 PSI Concrete Walls	280.09	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*65.84*	
		For >20 To 50, Add	*24.69*	
		For >100 To 200, Deduct	*-5.60*	
		For >200 To 400, Deduct	*-11.20*	
		For >400, Deduct	*-16.81*	
03 31 13 00-0069	CY	12" Thick, By Crane And Bucket, Place 3000 PSI Concrete Walls	266.44	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*60.38*	
		For >20 To 50, Add	*22.64*	
		For >100 To 200, Deduct	*-5.33*	
		For >200 To 400, Deduct	*-10.66*	
		For >400, Deduct	*-15.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0070	CY	15" Thick, By Crane And Bucket, Place 3000 PSI Concrete Walls	230.71	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*46.09*	
		For >20 To 50, Add	*17.28*	
		For >100 To 200, Deduct	*-4.61*	
		For >200 To 400, Deduct	*-9.23*	
		For >400, Deduct	*-13.84*	
03 31 13 00-0071	CY	8" Thick, By Direct Chute, Place 3000 PSI Concrete Walls	190.98	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*30.20*	
		For >20 To 50, Add	*11.32*	
		For >100 To 200, Deduct	*-3.82*	
		For >200 To 400, Deduct	*-7.64*	
		For >400, Deduct	*-11.46*	
03 31 13 00-0072	CY	12" Thick, By Direct Chute, Place 3000 PSI Concrete Walls	175.89	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*24.16*	
		For >20 To 50, Add	*9.06*	
		For >100 To 200, Deduct	*-3.52*	
		For >200 To 400, Deduct	*-7.04*	
		For >400, Deduct	*-10.55*	
03 31 13 00-0073	CY	15" Thick, By Direct Chute, Place 3000 PSI Concrete Walls	168.34	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*21.14*	
		For >20 To 50, Add	*7.93*	
		For >100 To 200, Deduct	*-3.37*	
		For >200 To 400, Deduct	*-6.73*	
		For >400, Deduct	*-10.10*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0074	CY	8" Thick, By Concrete Pump, Place 3000 PSI Concrete Walls	197.01	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-6.76*	
		For 2,500 PSI Concrete, Deduct	*-3.38*	
		For 3,500 PSI Concrete, Add	*6.26*	
		For 3,750 PSI Concrete, Add	*8.51*	
		For 4,000 PSI Concrete, Add	*10.76*	
		For 4,500 PSI Concrete, Add	*12.51*	
		For 5,000 PSI Concrete, Add	*14.26*	
		For 6,000 PSI Concrete, Add	*33.78*	
		For 7,500 PSI Concrete, Add	*83.89*	
		For White Cement Concrete, Add	*15.01*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*	
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*	
		For Lightweight Aggregate, ASTM C330, Add	*37.54*	
		For Up To 20, Add	*28.76*	
		For >20 To 50, Add	*10.78*	
		For >100 To 200, Deduct	*-3.94*	
		For >200 To 400, Deduct	*-7.88*	
		For >400, Deduct	*-11.82*	
03 31 13 00-0075	CY	12" Thick, By Concrete Pump, Place 3000 PSI Concrete Walls	182.63	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-6.76*	
		For 2,500 PSI Concrete, Deduct	*-3.38*	
		For 3,500 PSI Concrete, Add	*6.26*	
		For 3,750 PSI Concrete, Add	*8.51*	
		For 4,000 PSI Concrete, Add	*10.76*	
		For 4,500 PSI Concrete, Add	*12.51*	
		For 5,000 PSI Concrete, Add	*14.26*	
		For 6,000 PSI Concrete, Add	*33.78*	
		For 7,500 PSI Concrete, Add	*83.89*	
		For White Cement Concrete, Add	*15.01*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*	
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*	
		For Lightweight Aggregate, ASTM C330, Add	*37.54*	
		For Up To 20, Add	*23.00*	
		For >20 To 50, Add	*8.63*	
		For >100 To 200, Deduct	*-3.65*	
		For >200 To 400, Deduct	*-7.31*	
		For >400, Deduct	*-10.96*	
03 31 13 00-0076	CY	15" Thick, By Concrete Pump, Place 3000 PSI Concrete Walls	175.45	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-6.76*	
		For 2,500 PSI Concrete, Deduct	*-3.38*	
		For 3,500 PSI Concrete, Add	*6.26*	
		For 3,750 PSI Concrete, Add	*8.51*	
		For 4,000 PSI Concrete, Add	*10.76*	
		For 4,500 PSI Concrete, Add	*12.51*	
		For 5,000 PSI Concrete, Add	*14.26*	
		For 6,000 PSI Concrete, Add	*33.78*	
		For 7,500 PSI Concrete, Add	*83.89*	
		For White Cement Concrete, Add	*15.01*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*	
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*	
		For Lightweight Aggregate, ASTM C330, Add	*37.54*	
		For Up To 20, Add	*20.13*	
		For >20 To 50, Add	*7.55*	
		For >100 To 200, Deduct	*-3.51*	
		For >200 To 400, Deduct	*-7.02*	
		For >400, Deduct	*-10.53*	

03 31 13 00-0077 Place Elevated Concrete Stairs *(03 31 13 00-0049)*

03 31 13 00-0078	CY	Crane And Bucket, Place 3000 PSI Elevated Concrete Stairs	448.25	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*133.10*	
		For >20 To 50, Add	*49.91*	
		For >100 To 200, Deduct	*-8.97*	
		For >200 To 400, Deduct	*-17.93*	
		For >400, Deduct	*-26.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0079	CY	Direct Chute, Place 3000 PSI Elevated Concrete Stairs	268.10	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*61.04*	
		For >20 To 50, Add	*22.89*	
		For >100 To 200, Deduct	*-5.36*	
		For >200 To 400, Deduct	*-10.72*	
		For >400, Deduct	*-16.09*	
03 31 13 00-0080	CY	Concrete Pump, Place 3000 PSI Elevated Concrete Stairs Note: Excludes pumping equipment.	252.30	
		For 2,000 PSI Concrete, Deduct	*-6.76*	
		For 2,500 PSI Concrete, Deduct	*-3.38*	
		For 3,500 PSI Concrete, Add	*6.26*	
		For 3,750 PSI Concrete, Add	*8.51*	
		For 4,000 PSI Concrete, Add	*10.76*	
		For 4,500 PSI Concrete, Add	*12.51*	
		For 5,000 PSI Concrete, Add	*14.26*	
		For 6,000 PSI Concrete, Add	*33.78*	
		For 7,500 PSI Concrete, Add	*83.89*	
		For White Cement Concrete, Add	*15.01*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*	
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*	
		For Lightweight Aggregate, ASTM C330, Add	*37.54*	
		For Up To 20, Add	*50.87*	
		For >20 To 50, Add	*19.08*	
		For >100 To 200, Deduct	*-5.05*	
		For >200 To 400, Deduct	*-10.09*	
		For >400, Deduct	*-15.14*	

03 31 13 00-0081 Place Concrete Coping *(03 31 13 00-0049)*

03 31 13 00-0082	CY	Crane And Bucket, Place 3000 PSI Concrete Coping	459.75	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*137.70*	
		For >20 To 50, Add	*51.64*	
		For >100 To 200, Deduct	*-9.20*	
		For >200 To 400, Deduct	*-18.39*	
		For >400, Deduct	*-27.59*	
03 31 13 00-0083	CY	Direct Chute, Place 3000 PSI Concrete Coping	267.07	
		For 2,000 PSI Concrete, Deduct	*-6.24*	
		For 2,500 PSI Concrete, Deduct	*-3.12*	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 3,750 PSI Concrete, Add	*7.85*	
		For 4,000 PSI Concrete, Add	*9.93*	
		For 4,500 PSI Concrete, Add	*11.55*	
		For 5,000 PSI Concrete, Add	*13.17*	
		For 6,000 PSI Concrete, Add	*31.18*	
		For 7,500 PSI Concrete, Add	*77.44*	
		For White Cement Concrete, Add	*13.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.01*	
		For High Early Strength, Type 3 ASTM C150, Add	*11.55*	
		For Lightweight Aggregate, ASTM C330, Add	*34.65*	
		For Up To 20, Add	*60.63*	
		For >20 To 50, Add	*22.74*	
		For >100 To 200, Deduct	*-5.34*	
		For >200 To 400, Deduct	*-10.68*	
		For >400, Deduct	*-16.02*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0084	CY	Concrete Pump, Place 3000 PSI Concrete Coping Note: Excludes pumping equipment.	354.73	
		For 2,000 PSI Concrete, Deduct	*-6.76*	
		For 2,500 PSI Concrete, Deduct	*-3.38*	
		For 3,500 PSI Concrete, Add	*6.26*	
		For 3,750 PSI Concrete, Add	*8.51*	
		For 4,000 PSI Concrete, Add	*10.76*	
		For 4,500 PSI Concrete, Add	*12.51*	
		For 5,000 PSI Concrete, Add	*14.26*	
		For 6,000 PSI Concrete, Add	*33.78*	
		For 7,500 PSI Concrete, Add	*83.89*	
		For White Cement Concrete, Add	*15.01*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*16.27*	
		For High Early Strength, Type 3 ASTM C150, Add	*12.51*	
		For Lightweight Aggregate, ASTM C330, Add	*37.54*	
		For Up To 20, Add	*91.84*	
		For >20 To 50, Add	*34.44*	
		For >100 To 200, Deduct	*-7.09*	
		For >200 To 400, Deduct	*-14.19*	
		For >400, Deduct	*-21.28*	

03 31 13 00-0085 Concrete Pumping With Boom Truck *(03 31 13 00-0007)*

Note: Includes truck rental, operator, and local travel delivery. For set-up of equipment add one hour, for clean-up of equipment add one hour. Use four hours as the minimum cost including set-up and clean-up. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach.

03 31 13 00-0086	HR	75' Boom Truck For Concrete Placement (70 CY Per Hour Rating)	209.85
03 31 13 00-0087	HR	92' Boom Truck For Concrete Placement (70 CY Per Hour Rating)	246.42
03 31 13 00-0088	HR	105' Boom Truck For Concrete Placement (90 CY Per Hour Rating)	282.99
03 31 13 00-0089	HR	120' Boom Truck For Concrete Placement (90 CY Per Hour Rating)	353.85
03 31 13 00-0090	HR	138' Boom Truck For Concrete Placement (100 CY Per Hour Rating)	458.99
03 31 13 00-0091	HR	150' Boom Truck For Concrete Placement (100 CY Per Hour Rating)	503.56
03 31 13 00-0092	HR	170' Boom Truck For Concrete Placement (100 CY Per Hour Rating)	548.13
03 31 13 00-0093	HR	Trailer Mounted Concrete Pump Note: Includes hoses	180.94

03 31 13 00-0094 Concrete Carts *(03 31 13 00-0007)*

Note: Used to place concrete were necessary.

03 31 13 00-0095	CY	50' Haul, Non Motorized, Concrete Buggy	18.57
03 31 13 00-0096	CY	150' Haul, Non Motorized, Concrete Buggy	24.86
03 31 13 00-0097	CY	250' Haul, Non Motorized, Concrete Buggy	33.16
03 31 13 00-0098	CY	50' Haul, Motorized, Concrete Buggy	9.19
03 31 13 00-0099	CY	150' Haul, Motorized, Concrete Buggy	12.32
03 31 13 00-0100	CY	250' Haul, Motorized, Concrete Buggy	16.41

03 31 13 00-0101 Delivery Fee For Small Purchases *(03 31 13)*

03 31 13 00-0102	CY	Delivery Fee For Concrete Purchases Per CY For Each CY Less Than 9 CY Note: The task quantity is (9 minus the number of CY's delivered) times the number CY's delivered. For example, the delivery fee for 2CY's is: (9-2) x 2 = 14.	15.96

03 31 13 00-0103 Delivery Fee For Concrete, Per Truck Load *(03 31 13)*

03 31 13 00-0104	EA	Concrete Delivery Fee, Per Truck Note: To be added to all concrete leaving concrete yard	25.00

03 35 Concrete Finishing *(03 30)*

03 35 16 Heavy-Duty Concrete Floor Finishing *(03 35)*

03 35 16 00-0001 Floor Finishes *(03 35 16)*

Note: Task is for final finish type and includes all required prior finishes.

03 35 16 00-0002	SF	Concrete Floor Finishes, Screed	0.69
		For Up To 50 SF, Add	*2.76*
		For >50 To 250, Add	*0.69*
		For >2,500 To 7,500, Deduct	*-0.07*
		For >7,500 To 10,000 SF, Deduct	*-0.14*
		For >10,000 SF, Deduct	*-0.17*
03 35 16 00-0003	SF	Concrete Floor Finishes, Darby	0.83
		For Up To 50 SF, Add	*3.32*
		For >50 To 250, Add	*0.83*
		For >2,500 To 7,500, Deduct	*-0.08*
		For >7,500 To 10,000 SF, Deduct	*-0.17*
		For >10,000 SF, Deduct	*-0.21*
03 35 16 00-0004	SF	Concrete Floor Finishes, Broom	0.91
		For Up To 50 SF, Add	*3.64*
		For >50 To 250, Add	*0.91*
		For >2,500 To 7,500, Deduct	*-0.09*
		For >7,500 To 10,000 SF, Deduct	*-0.18*
		For >10,000 SF, Deduct	*-0.23*
03 35 16 00-0005	SF	Concrete Floor Finishes, Final Float	1.07
		For Up To 50 SF, Add	*4.28*
		For >50 To 250, Add	*1.07*
		For >2,500 To 7,500, Deduct	*-0.11*
		For >7,500 To 10,000 SF, Deduct	*-0.21*
		For >10,000 SF, Deduct	*-0.27*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 16 00-0006	SF	Concrete Floor Finishes, Steel Trowel	1.21	
		For Up To 50 SF, Add	*4.84*	
		For >50 To 250, Add	*1.21*	
		For >2,500 To 7,500, Deduct	*-0.12*	
		For >7,500 To 10,000 SF, Deduct	*-0.24*	
		For >10,000 SF, Deduct	*-0.30*	

03 35 23 Exposed Aggregate Concrete Finishing *(03 35)*

03 35 23 00-0001	SF	Exposed Aggregate Concrete Floor Finish	2.37	

03 35 26 Grooved Concrete Surface Finishing *(03 35)*

03 35 26 00-0001 Handicapped Ramps *(03 35 26)*

03 35 26 00-0002	SF	Concrete Grooving For Handicapped Ramps	3.18	

03 35 29 Tooled Concrete Finishing *(03 35)*

03 35 29 00-0001 Solid Board Concrete Finish *(03 35 29)*

03 35 29 00-0002	SF	Solid Board Concrete, Non Uniform Finish, 1 Use, Add To Formwork	11.78	

03 35 29 00-0003 Marblecrete Finishes *(03 35 29)*

03 35 29 00-0004	SF	2" Thick Marblecrete And Finish	27.92	
03 35 29 00-0005	SF	4" Thick Marblecrete And Finish	37.43	

03 35 33 Stamped Concrete Finishing *(03 35)*

03 35 33 00-0001	SF	Up To 2500 SF Stamped Finish	2.73	
03 35 33 00-0002	SF	>2500 To 10000 SF Stamped Finish	2.47	
03 35 33 00-0003	SF	>10000 SF Stamped Finish	2.36	

03 35 36 Wall Finishes *(03 35)*

03 35 36 00-0001	SF	Wall Finishes, Burlap Rub With Grout	1.22	
		For Up To 50 SF, Add	*4.60*	
		For >50 To 250, Add	*1.15*	
		For >2,500 To 7,500, Deduct	*-0.12*	
		For >7,500 To 10,000 SF, Deduct	*-0.23*	
		For >10,000 SF, Deduct	*-0.29*	
03 35 36 00-0002	SF	Wall Finishes, 1/16" Float Finish	1.84	
		For Up To 50 SF, Add	*6.96*	
		For >50 To 250, Add	*1.74*	
		For >2,500 To 7,500, Deduct	*-0.17*	
		For >7,500 To 10,000 SF, Deduct	*-0.35*	
		For >10,000 SF, Deduct	*-0.44*	
03 35 36 00-0003	SF	Wall Finishes, Etch With Acid And Rinse	0.75	
		For Up To 50 SF, Add	*1.52*	
		For >50 To 250, Add	*0.38*	
		For >2,500 To 7,500, Deduct	*-0.04*	
		For >7,500 To 10,000 SF, Deduct	*-0.08*	
		For >10,000 SF, Deduct	*-0.10*	
03 35 36 00-0004	SF	Wall Finishes, Bush Hammer Green Concrete	3.70	
		For Up To 50 SF, Add	*14.68*	
		For >50 To 250, Add	*3.67*	
		For >2,500 To 7,500, Deduct	*-0.37*	
		For >7,500 To 10,000 SF, Deduct	*-0.73*	
		For >10,000 SF, Deduct	*-0.92*	
03 35 36 00-0005	SF	Wall Finishes, Bush Hammer Cured Concrete	5.75	
		For Up To 50 SF, Add	*22.72*	
		For >50 To 250, Add	*5.68*	
		For >2,500 To 7,500, Deduct	*-0.57*	
		For >7,500 To 10,000 SF, Deduct	*-1.14*	
		For >10,000 SF, Deduct	*-1.42*	
03 35 36 00-0006	SF	Wall Finishes, Break Ties And Patch	0.70	
		For Up To 50 SF, Add	*2.48*	
		For >50 To 250, Add	*0.62*	
		For >2,500 To 7,500, Deduct	*-0.06*	
		For >7,500 To 10,000 SF, Deduct	*-0.12*	
		For >10,000 SF, Deduct	*-0.16*	
03 35 36 00-0007	SF	Wall Finishes, Carborundum Dry Rub	2.39	
		For Up To 50 SF, Add	*9.24*	
		For >50 To 250, Add	*2.31*	
		For >2,500 To 7,500, Deduct	*-0.23*	
		For >7,500 To 10,000 SF, Deduct	*-0.46*	
		For >10,000 SF, Deduct	*-0.58*	
03 35 36 00-0008	SF	Wall Finishes, Carborundum Wet Rub	3.64	
		For Up To 50 SF, Add	*14.24*	
		For >50 To 250, Add	*3.56*	
		For >2,500 To 7,500, Deduct	*-0.36*	
		For >7,500 To 10,000 SF, Deduct	*-0.71*	
		For >10,000 SF, Deduct	*-0.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 36 00-0009	SF	Wall Finishes, Mechanical Concrete Sand Blasting, Heavy Penetration, Walls, Various Finish Textures	8.09	
		For Up To 50 SF, Add	*30.04*	
		For >50 To 250, Add	*7.51*	
		For >2,500 To 7,500, Deduct	*-0.75*	
		For >7,500 To 10,000 SF, Deduct	*-1.50*	
		For >10,000 SF, Deduct	*-1.88*	
03 35 36 00-0010	SF	Wall Finishes, Light Sand Blast	2.26	
		Note: Not for use as sand blasting for existing material		
		For Up To 50 SF, Add	*8.72*	
		For >50 To 250, Add	*2.18*	
		For >2,500 To 7,500, Deduct	*-0.22*	
		For >7,500 To 10,000 SF, Deduct	*-0.44*	
		For >10,000 SF, Deduct	*-0.55*	

03 35 39 Rusticated Concrete Finish *(03 35)*

03 35 39 00-0001	SF	Rusticated Concrete Finish, Beveled Edge, 1 Use, Add To Formwork	5.41	
03 35 39 00-0002	SF	Rusticated Concrete Finish, Square Edge, 1 Use, Add To Formwork	7.12	

03 35 43 Polished Concrete Finishing *(03 35)*

03 35 43 00-0001 Concrete Floor Polishing System *(03 35 43)*

Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results.

03 35 43 00-0002	SF	Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels	0.98	
		For Up To 500, Add	*1.90*	
		For >500 To 1,000, Add	*1.76*	
		For >1,000 To 2,500, Add	*1.17*	
		For >2,500 To 4,000, Add	*0.61*	
		For >8,000 To 15,000, Deduct	*-0.24*	
		For >15,000 To 25,000, Deduct	*-0.30*	
		For >25,000, Deduct	*-0.42*	
03 35 43 00-0003	SF	Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels	0.98	
		For Up To 500, Add	*1.90*	
		For >500 To 1,000, Add	*1.76*	
		For >1,000 To 2,500, Add	*1.17*	
		For >2,500 To 4,000, Add	*0.61*	
		For >8,000 To 15,000, Deduct	*-0.24*	
		For >15,000 To 25,000, Deduct	*-0.30*	
		For >25,000, Deduct	*-0.42*	
03 35 43 00-0004	SF	Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels	0.59	
		For Up To 500, Add	*1.14*	
		For >500 To 1,000, Add	*1.06*	
		For >1,000 To 2,500, Add	*0.70*	
		For >2,500 To 4,000, Add	*0.37*	
		For >8,000 To 15,000, Deduct	*-0.14*	
		For >15,000 To 25,000, Deduct	*-0.18*	
		For >25,000, Deduct	*-0.25*	
03 35 43 00-0005	SF	Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels	0.85	
		For Up To 500, Add	*1.65*	
		For >500 To 1,000, Add	*1.53*	
		For >1,000 To 2,500, Add	*1.01*	
		For >2,500 To 4,000, Add	*0.53*	
		For >8,000 To 15,000, Deduct	*-0.20*	
		For >15,000 To 25,000, Deduct	*-0.26*	
		For >25,000, Deduct	*-0.37*	
03 35 43 00-0006	SF	Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels	0.59	
		For Up To 500, Add	*1.14*	
		For >500 To 1,000, Add	*1.06*	
		For >1,000 To 2,500, Add	*0.70*	
		For >2,500 To 4,000, Add	*0.37*	
		For >8,000 To 15,000, Deduct	*-0.14*	
		For >15,000 To 25,000, Deduct	*-0.18*	
		For >25,000, Deduct	*-0.25*	
03 35 43 00-0007	SF	Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels	0.59	
		For Up To 500, Add	*1.14*	
		For >500 To 1,000, Add	*1.06*	
		For >1,000 To 2,500, Add	*0.70*	
		For >2,500 To 4,000, Add	*0.37*	
		For >8,000 To 15,000, Deduct	*-0.14*	
		For >15,000 To 25,000, Deduct	*-0.18*	
		For >25,000, Deduct	*-0.25*	
03 35 43 00-0008	SF	Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels	0.59	
		For Up To 500, Add	*1.14*	
		For >500 To 1,000, Add	*1.06*	
		For >1,000 To 2,500, Add	*0.70*	
		For >2,500 To 4,000, Add	*0.37*	
		For >8,000 To 15,000, Deduct	*-0.14*	
		For >15,000 To 25,000, Deduct	*-0.18*	
		For >25,000, Deduct	*-0.25*	
03 35 43 00-0009	SF	Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels	0.59	
		For Up To 500, Add	*1.14*	
		For >500 To 1,000, Add	*1.06*	
		For >1,000 To 2,500, Add	*0.70*	
		For >2,500 To 4,000, Add	*0.37*	
		For >8,000 To 15,000, Deduct	*-0.14*	
		For >15,000 To 25,000, Deduct	*-0.18*	
		For >25,000, Deduct	*-0.25*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 43 00-0010	SF	High Speed Burnish Concrete Floor With Diamond Pads	0.15	
		For Up To 500, Add	*0.29*	
		For >500 To 1,000, Add	*0.27*	
		For >1,000 To 2,500, Add	*0.18*	
		For >2,500 To 4,000, Add	*0.09*	
		For >8,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 25,000, Deduct	*-0.05*	
		For >25,000, Deduct	*-0.06*	
03 35 43 00-0011	SF	Apply One Coat Of Concrete Densifier	0.20	
		For Up To 500, Add	*0.39*	
		For >500 To 1,000, Add	*0.36*	
		For >1,000 To 2,500, Add	*0.24*	
		For >2,500 To 4,000, Add	*0.12*	
		For >8,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 25,000, Deduct	*-0.06*	
		For >25,000, Deduct	*-0.09*	
03 35 43 00-0012	SF	Apply Two Coats Of Concrete Densifier With Stain Protectant	0.20	
		For Up To 500, Add	*0.39*	
		For >500 To 1,000, Add	*0.36*	
		For >1,000 To 2,500, Add	*0.24*	
		For >2,500 To 4,000, Add	*0.12*	
		For >8,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 25,000, Deduct	*-0.06*	
		For >25,000, Deduct	*-0.09*	
03 35 43 00-0013	SF	Concrete Floor Polishing Final Clean Up	0.10	
		For Up To 500, Add	*0.19*	
		For >500 To 1,000, Add	*0.18*	
		For >1,000 To 2,500, Add	*0.12*	
		For >2,500 To 4,000, Add	*0.06*	
		For >8,000 To 15,000, Deduct	*-0.02*	
		For >15,000 To 25,000, Deduct	*-0.03*	
		For >25,000, Deduct	*-0.04*	

03 35 63 Slip-Resistant Floor Finishing *(03 35)*

03 35 63 00-0001 Slip-Resistant Floor Finishing *(03 35 63)*

03 35 63 00-0002	SF	Aluminum Oxide Abrasive Floor Finish, 0.25 LB/SF	0.83	
		For Up To 50 SF, Add	*2.64*	
		For >50 To 250, Add	*0.66*	
		For >2,500 To 7,500, Deduct	*-0.07*	
		For >7,500 To 10,000 SF, Deduct	*-0.13*	
		For >10,000 SF, Deduct	*-0.17*	
03 35 63 00-0003	SF	Silicone Carbide Abrasive Floor Finish 0.25 LB/SF	0.91	
		For Up To 50 SF, Add	*2.64*	
		For >50 To 250, Add	*0.66*	
		For >2,500 To 7,500, Deduct	*-0.07*	
		For >7,500 To 10,000 SF, Deduct	*-0.13*	
		For >10,000 SF, Deduct	*-0.17*	

03 35 66 Acid Etch Floor Finishing *(03 35)*

03 35 66 00-0001 Acid Etch Floor *(03 35 66)*

03 35 66 00-0002	SF	Concrete Floor Finishes, Etch With Acid And Rinse	0.69	
		For Up To 50 SF, Add	*1.28*	
		For >50 To 250, Add	*0.32*	
		For >2,500 To 7,500, Deduct	*-0.03*	
		For >7,500 To 10,000 SF, Deduct	*-0.06*	
		For >10,000 SF, Deduct	*-0.08*	

03 37 Specialty Placed Concrete *(03 30)*

Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing.

03 37 13 Shotcrete *(03 37)*

03 37 13 00-0001 Fiber Reinforced, Structural Repair *(03 37 13)*

03 37 13 00-0002	SF	1" Thick Shotcrete, Fiber Reinforced	3.64	
		For Up To 25 SF, Add	*0.58*	
		For >25 To 50 SF, Add	*0.32*	
		For >50 To 150, Add	*0.11*	
		For High Strength Shotcrete Repair, Add	*1.01*	
		For Polymer Modified Shotcrete, Add	*0.95*	
03 37 13 00-0003	SF	1-1/2" Thick Shotcrete, Fiber Reinforced	5.18	
		For Up To 25 SF, Add	*0.80*	
		For >25 To 50 SF, Add	*0.45*	
		For >50 To 150, Add	*0.14*	
		For High Strength Shotcrete Repair, Add	*1.41*	
		For Polymer Modified Shotcrete, Add	*1.37*	
03 37 13 00-0004	SF	2" Thick Shotcrete, Fiber Reinforced	6.71	
		For Up To 25 SF, Add	*1.01*	
		For >25 To 50 SF, Add	*0.56*	
		For >50 To 150, Add	*0.17*	
		For High Strength Shotcrete Repair, Add	*1.80*	
		For Polymer Modified Shotcrete, Add	*1.79*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 37 13 00-0005	SF	2-1/2" Thick Shotcrete, Fiber Reinforced	8.37	
		For Up To 25 SF, Add	*1.27*	
		For >25 To 50 SF, Add	*0.70*	
		For >50 To 150, Add	*0.21*	
		For High Strength Shotcrete Repair, Add	*2.25*	
		For Polymer Modified Shotcrete, Add	*2.23*	
03 37 13 00-0006	SF	3" Thick Shotcrete, Fiber Reinforced	10.01	
		For Up To 25 SF, Add	*1.51*	
		For >25 To 50 SF, Add	*0.84*	
		For >50 To 150, Add	*0.26*	
		For High Strength Shotcrete Repair, Add	*2.69*	
		For Polymer Modified Shotcrete, Add	*2.66*	
03 37 13 00-0007	SF	4" Thick Shotcrete, Fiber Reinforced	13.27	
		For Up To 25 SF, Add	*2.01*	
		For >25 To 50 SF, Add	*1.12*	
		For >50 To 150, Add	*0.34*	
		For High Strength Shotcrete Repair, Add	*3.56*	
		For Polymer Modified Shotcrete, Add	*3.53*	
03 37 13 00-0008	SF	6" Thick Shotcrete, Fiber Reinforced	19.04	
		For Up To 25 SF, Add	*2.92*	
		For >25 To 50 SF, Add	*1.63*	
		For >50 To 150, Add	*0.51*	
		For High Strength Shotcrete Repair, Add	*5.16*	
		For Polymer Modified Shotcrete, Add	*5.03*	

03 37 13 00-0009 Gunite (Dry Mix Shotcrete), Sprayed *(03 37 13)*

See CSI section 03 22 11 00-0001 for wire mesh reinforcing.

03 37 13 00-0010	SF	1" Thick Gunite	3.48	
		For Radius Or Irregular Surface, Add	*0.79*	
		For Up To 25 SF, Add	*0.64*	
		For >25 To 50, Add	*0.37*	
		For >50 To 150 SF, Add	*0.15*	
03 37 13 00-0011	SF	2" Thick Gunite	6.94	
		For Radius Or Irregular Surface, Add	*1.57*	
		For Up To 25 SF, Add	*1.28*	
		For >25 To 50, Add	*0.74*	
		For >50 To 150 SF, Add	*0.29*	
03 37 13 00-0012	SF	3" Thick Gunite	10.45	
		For Radius Or Irregular Surface, Add	*2.37*	
		For Up To 25 SF, Add	*1.93*	
		For >25 To 50, Add	*1.12*	
		For >50 To 150 SF, Add	*0.44*	
03 37 13 00-0013	SF	4" Thick Gunite	13.88	
		For Radius Or Irregular Surface, Add	*3.14*	
		For Up To 25 SF, Add	*2.57*	
		For >25 To 50, Add	*1.48*	
		For >50 To 150 SF, Add	*0.59*	

03 39 Concrete Curing *(03 30)*

03 39 33 Concrete Surface Treatments *(03 39)*

03 39 33 00-0001 Concrete Surface Treatments *(03 39 33)*

03 39 33 00-0002	LB	Aluminum Oxide Anti Slip Abrasive Grit	1.41
03 39 33 00-0003	GAL	Acrylic Latex Bonding Agent, 250 SF Per Gallon	95.15
03 39 33 00-0004	GAL	Epoxy Resin Bonding Agent, 80 SF Per Gallon	161.75
03 39 33 00-0005	TON	Calcium Chloride, 100 LB Bags	622.87
03 39 33 00-0006	BAG	Calcium Chloride, 100 LB Bags	34.66
03 39 33 00-0007	SF	Clear Acrylic Sealer, Hardener And Dustproofer Note: 300 SF/GAL.	0.21
03 39 33 00-0008	SF	Colored Acrylic Sealer, Hardener And Dustproofer Note: 300 SF/GAL.	0.22
03 39 33 00-0009	GAL	Clear Acrylic Sealer, Hardener And Dustproofer, 300 SF Per Gallon	65.28
03 39 33 00-0010	GAL	Colored Acrylic Sealer, Hardener And Dustproofer, 300 SF Per Gallon	67.83
03 39 33 00-0011	SF	XYPEX Concrete Waterproofing System Note: Includes a single coat of each XYPEX Concentrate and XYPEX Modified	3.67
03 39 33 00-0012	SF	Water-Based, Silane/Siloxane Water Repellent (Prosoco Inc. Saltguard WB) Note: 200 SF/GAL	0.29

03 39 33 00-0013 Shake On Floor Hardeners *(03 39 33)*

03 39 33 00-0014	SF	0.3 LB/SF, Metallic, Shake On Floor Hardener	0.85
03 39 33 00-0015	SF	0.65 LB/SF, Metallic, Shake On Floor Hardener	1.32
03 39 33 00-0016	SF	0.3 LB/SF, Non Metallic, Shake On Floor Hardener	0.81
03 39 33 00-0017	SF	0.65 LB/SF, Non Metallic, Shake On Floor Hardener	0.98

03 39 33 00-0018 Curing Materials And Compounds *(03 39 33)*

03 39 33 00-0019	CSF	7.5 Oz Burlap, Concrete Curing Blanket	28.97
03 39 33 00-0020	CSF	9 Oz Burlap, Concrete Curing Blanket	28.78
03 39 33 00-0021	CSF	12 Oz Burlap, Concrete Curing Blanket	30.98
03 39 33 00-0022	CSF	Concrete Curing, Waterproof Paper, 2 Ply Reinforced	27.92
03 39 33 00-0023	CSF	Curing Paper	9.11
03 39 33 00-0024	GAL	Water Based Curing, Sealing, Hardening And Dustproofing Compound Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.	18.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 40 Precast Concrete *(03)*

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Material prices include the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

03 41 Precast Structural Concrete *(03 40)*

03 41 16 Precast Concrete Slabs *(03 41)*

03 41 16 00-0001 Flat Floor Slab/Floor Plank *(03 41 16)*

03 41 16 00-0002 Erection Costs For Using A 90 Ton Crawler Crane *(03 41 16 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0003	EA	Erect Precast Floor Deck, 0-2 Ton/Piece 150' Maximum Radius With 90 Ton Crane	266.26	213.02
03 41 16 00-0004	EA	Erect Precast Floor Deck, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	295.99	236.75
03 41 16 00-0005	EA	Erect Precast Floor Deck, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane	314.30	251.42
03 41 16 00-0006	EA	Erect Precast Floor Deck, 4-5 Ton/Piece 88' Maximum Radius With 90 Ton Crane	333.19	266.57
03 41 16 00-0007	EA	Erect Precast Floor Deck, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane	356.57	285.24
03 41 16 00-0008	EA	Erect Precast Floor Deck, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	381.08	304.86
03 41 16 00-0009	EA	Erect Precast Floor Deck, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane	409.22	327.35
03 41 16 00-0010	EA	Erect Precast Floor Deck, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	445.06	356.03
03 41 16 00-0011	EA	Erect Precast Floor Deck, 9-10 Ton/Piece 60' Maximum Radius With 90 Ton Crane	483.91	387.18

03 41 16 00-0012 Material Cost *(03 41 16 00-0001)*

Note: Includes cost for 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations cost.

03 41 16 00-0013	SF	4" Thick 3000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	9.65
		For 3,500 PSI Concrete, Add	*0.19*
		For 4,000 PSI Concrete, Add	*0.29*
		For 4,500 PSI Concrete, Add	*0.39*
		For 5,000 PSI Concrete, Add	*0.58*
03 41 16 00-0014	SF	5" Thick 3000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	11.58
		For 3,500 PSI Concrete, Add	*0.23*
		For 4,000 PSI Concrete, Add	*0.35*
		For 4,500 PSI Concrete, Add	*0.46*
		For 5,000 PSI Concrete, Add	*0.69*
03 41 16 00-0015	SF	6" Thick 3000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	14.15
		For 3,500 PSI Concrete, Add	*0.28*
		For 4,000 PSI Concrete, Add	*0.42*
		For 4,500 PSI Concrete, Add	*0.57*
		For 5,000 PSI Concrete, Add	*0.85*
03 41 16 00-0016	SF	8" Thick 3000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	18.78
		For 3,500 PSI Concrete, Add	*0.38*
		For 4,000 PSI Concrete, Add	*0.56*
		For 4,500 PSI Concrete, Add	*0.75*
		For 5,000 PSI Concrete, Add	*1.13*

03 41 16 00-0017 Floor Units, Combination Beam And Slab *(03 41 16)*

03 41 16 00-0018 Erection Costs For Using 90 Ton Crawler Crane *(03 41 16 00-0017)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0019	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 88' Maximum Radius With 90 Ton Crane	329.72	263.76
03 41 16 00-0020	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 60' Maximum Radius With 90 Ton Crane	359.38	287.53
03 41 16 00-0021	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 43' Maximum Radius With 90 Ton Crane	397.20	317.72
03 41 16 00-0022	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 36' Maximum Radius With 90 Ton Crane	441.06	352.81
03 41 16 00-0023	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 31' Maximum Radius With 90 Ton Crane	495.78	396.59

03 41 16 00-0024 Erection Costs Using A 125 Ton Crawler Crane *(03 41 16 00-0017)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0025	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 110' Maximum Radius, 125 Ton Crane	416.57	333.28
03 41 16 00-0026	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 75' Maximum Radius, 125 Ton Crane	454.04	363.20
03 41 16 00-0027	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 55' Maximum Radius, 125 Ton Crane	501.83	401.49
03 41 16 00-0028	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 50' Maximum Radius, 125 Ton Crane	557.23	445.80
03 41 16 00-0029	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 40' Maximum Radius, 125 Ton Crane	626.37	501.14
03 41 16 00-0030	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 33' Maximum Radius, 125 Ton Crane	681.05	544.80
03 41 16 00-0031	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 30' Maximum Radius, 125 Ton Crane	752.74	602.19
03 41 16 00-0032	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 28' Maximum Radius, 125 Ton Crane	833.14	666.55
03 41 16 00-0033	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 26' Maximum Radius, 125 Ton Crane	943.00	754.40

03 41 16 00-0034 Material Cost *(03 41 16 00-0017)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operation.

03 41 16 00-0035 4" Slab *(03 41 16 00-0034)*

03 41 16 00-0036	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam Only, 3000 PSI Concrete	1,016.33
		For 3,500 PSI Concrete, Add	*20.33*
		For 4,000 PSI Concrete, Add	*30.49*
		For 4,500 PSI Concrete, Add	*40.65*
		For 5,000 PSI Concrete, Add	*60.98*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 16 00-0037	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 1 Interim Beam, 3000 PSI	1,029.20	
		For 3,500 PSI Concrete, Add	*20.58*	
		For 4,000 PSI Concrete, Add	*30.88*	
		For 4,500 PSI Concrete, Add	*41.17*	
		For 5,000 PSI Concrete, Add	*61.75*	
03 41 16 00-0038	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 2 Interim Beam, 3000 PSI	1,157.85	
		For 3,500 PSI Concrete, Add	*23.16*	
		For 4,000 PSI Concrete, Add	*34.74*	
		For 4,500 PSI Concrete, Add	*46.31*	
		For 5,000 PSI Concrete, Add	*69.47*	

03 41 16 00-0039 5" Slab *(03 41 16 00-0034)*

03 41 16 00-0040	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam Only, 3000 PSI Concrete	1,042.06	
		For 3,500 PSI Concrete, Add	*20.84*	
		For 4,000 PSI Concrete, Add	*31.26*	
		For 4,500 PSI Concrete, Add	*41.68*	
		For 5,000 PSI Concrete, Add	*62.52*	
03 41 16 00-0041	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 1 Interim Beam, 3000 PSI	1,080.66	
		For 3,500 PSI Concrete, Add	*21.61*	
		For 4,000 PSI Concrete, Add	*32.42*	
		For 4,500 PSI Concrete, Add	*43.23*	
		For 5,000 PSI Concrete, Add	*64.84*	
03 41 16 00-0042	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 2 Interim Beam, 3000 PSI	1,376.55	
		For 3,500 PSI Concrete, Add	*27.53*	
		For 4,000 PSI Concrete, Add	*41.30*	
		For 4,500 PSI Concrete, Add	*55.06*	
		For 5,000 PSI Concrete, Add	*82.59*	

03 41 16 00-0043 6" Slab *(03 41 16 00-0034)*

03 41 16 00-0044	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam Only, 3000 PSI Concrete	1,080.66	
		For 3,500 PSI Concrete, Add	*21.61*	
		For 4,000 PSI Concrete, Add	*32.42*	
		For 4,500 PSI Concrete, Add	*43.23*	
		For 5,000 PSI Concrete, Add	*64.84*	
03 41 16 00-0045	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 1 Interim Beam, 3000 PSI	1,286.50	
		For 3,500 PSI Concrete, Add	*25.73*	
		For 4,000 PSI Concrete, Add	*38.60*	
		For 4,500 PSI Concrete, Add	*51.46*	
		For 5,000 PSI Concrete, Add	*77.19*	
03 41 16 00-0046	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 2 Interim Beam, 3000 PSI	1,569.53	
		For 3,500 PSI Concrete, Add	*31.39*	
		For 4,000 PSI Concrete, Add	*47.09*	
		For 4,500 PSI Concrete, Add	*62.78*	
		For 5,000 PSI Concrete, Add	*94.17*	

03 41 19 Precast Concrete Wall Panels *(03 41)*

03 41 19 00-0001 Structural Wall Panels *(03 41 19)*

Note: Gray, smooth form or board finish one side.

03 41 19 00-0002 Erection Cost Using 50 Ton Hydraulic Crane *(03 41 19 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0003	EA	Erect Precast Wall Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	264.64	211.73
03 41 19 00-0004	EA	Erect Precast Wall Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	294.19	235.31
03 41 19 00-0005	EA	Erect Precast Wall Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	331.16	264.95
03 41 19 00-0006	EA	Erect Precast Wall Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	354.40	283.51
03 41 19 00-0007	EA	Erect Precast Wall Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	378.76	303.01
03 41 19 00-0008	EA	Erect Precast Wall Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	406.73	325.36
03 41 19 00-0009	EA	Erect Precast Wall Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	442.35	353.86
03 41 19 00-0010	EA	Erect Precast Wall Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	480.97	384.82

03 41 19 00-0011 Erection Cost Using 90 Ton Crawler Crane *(03 41 19 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0012	EA	Erect Precast Wall Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	296.61	237.26
03 41 19 00-0013	EA	Erect Precast Wall Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	329.72	263.76
03 41 19 00-0014	EA	Erect Precast Wall Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	371.16	296.97
03 41 19 00-0015	EA	Erect Precast Wall Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	397.20	317.72
03 41 19 00-0016	EA	Erect Precast Wall Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	424.51	339.61
03 41 19 00-0017	EA	Erect Precast Wall Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	455.85	364.71
03 41 19 00-0018	EA	Erect Precast Wall Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	495.78	396.59
03 41 19 00-0019	EA	Erect Precast Wall Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	539.06	431.21
03 41 19 00-0020	EA	Erect Precast Wall Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	595.81	476.68
03 41 19 00-0021	EA	Erect Precast Wall Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	659.43	527.53
03 41 19 00-0022	EA	Erect Precast Wall Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	746.39	597.15
03 41 19 00-0023	EA	Erect Precast Wall Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	849.03	679.21
03 41 19 00-0024	EA	Erect Precast Wall Panel 35-40 Ton/Piece 23' Maximum Radius With 90 Ton Crane	984.38	787.52

03 41 19 00-0025 Material Cost *(03 41 19 00-0001)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0026	SF	4" Thick 3000 PSI Concrete, Precast Wall Panel, Ready To Erect	12.86	
		For 3,500 PSI Concrete, Add	*0.26*	
		For 4,000 PSI Concrete, Add	*0.39*	
		For 4,500 PSI Concrete, Add	*0.51*	
		For 5,000 PSI Concrete, Add	*0.77*	
		For White Facing, Add	*2.57*	
		For Solid White Through Thickness, Add	*2.57*	
		For Broken Rib Finish, Add	*1.29*	
		For Fluted Surface, Add	*1.29*	
		For Exposed Aggregate, Add	*2.57*	
		For Sandblasting Of Surface, Add	*1.29*	
		For 2" Polystyrene Insulation, Add	*1.15*	
		For 2" Polystyrene Insulation, Add	*0.15*	
03 41 19 00-0027	SF	5" Thick 3000 PSI Concrete, Precast Wall Panel, Ready To Erect	15.82	
		For 3,500 PSI Concrete, Add	*0.32*	
		For 4,000 PSI Concrete, Add	*0.47*	
		For 4,500 PSI Concrete, Add	*0.63*	
		For 5,000 PSI Concrete, Add	*0.95*	
		For White Facing, Add	*3.16*	
		For Solid White Through Thickness, Add	*3.16*	
		For Broken Rib Finish, Add	*1.58*	
		For Fluted Surface, Add	*1.58*	
		For Exposed Aggregate, Add	*3.16*	
		For Sandblasting Of Surface, Add	*1.58*	
		For 2" Polystyrene Insulation, Add	*1.15*	
		For 2" Polystyrene Insulation, Add	*0.18*	
03 41 19 00-0028	SF	6" Thick 3000 PSI Concrete, Precast Wall Panel, Ready To Erect	19.04	
		For 3,500 PSI Concrete, Add	*0.38*	
		For 4,000 PSI Concrete, Add	*0.57*	
		For 4,500 PSI Concrete, Add	*0.76*	
		For 5,000 PSI Concrete, Add	*1.14*	
		For White Facing, Add	*3.81*	
		For Solid White Through Thickness, Add	*3.81*	
		For Broken Rib Finish, Add	*1.90*	
		For Fluted Surface, Add	*1.90*	
		For Exposed Aggregate, Add	*3.81*	
		For Sandblasting Of Surface, Add	*1.90*	
		For 2" Polystyrene Insulation, Add	*1.15*	
		For 2" Polystyrene Insulation, Add	*0.22*	
03 41 19 00-0029	SF	8" Thick 3000 PSI Concrete, Precast Wall Panel, Ready To Erect	25.09	
		For 3,500 PSI Concrete, Add	*0.50*	
		For 4,000 PSI Concrete, Add	*0.75*	
		For 4,500 PSI Concrete, Add	*1.00*	
		For 5,000 PSI Concrete, Add	*1.51*	
		For White Facing, Add	*5.02*	
		For Solid White Through Thickness, Add	*5.02*	
		For Broken Rib Finish, Add	*2.51*	
		For Fluted Surface, Add	*2.51*	
		For Exposed Aggregate, Add	*5.02*	
		For Sandblasting Of Surface, Add	*2.51*	
		For 2" Polystyrene Insulation, Add	*1.15*	
		For 2" Polystyrene Insulation, Add	*0.29*	

03 41 19 00-0030 Partition Panels *(03 41 19)*

03 41 19 00-0031 Erection Costs Using 20 Ton Hydraulic Crane *(03 41 19 00-0030)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0032	EA	Erect Precast Partition Wall 0-1 Ton/Piece 69' Maximum Radius With 20 Ton Crane	217.16	173.70
03 41 19 00-0033	EA	Erect Precast Partition Wall 1-2 Ton/Piece 50' Maximum Radius With 20 Ton Crane	241.40	193.14
03 41 19 00-0034	EA	Erect Precast Partition Wall 2-3 Ton/Piece 41' Maximum Radius With 20 Ton Crane	271.74	217.38
03 41 19 00-0035	EA	Erect Precast Partition Wall 3-4 Ton/Piece 33' Maximum Radius With 20 Ton Crane	310.80	248.64
03 41 19 00-0036	EA	Erect Precast Partition Wall 4-5 Ton/Piece 30' Maximum Radius With 20 Ton Crane	333.75	267.02
03 41 19 00-0037	EA	Erect Precast Partition Wall 5-6 Ton/Piece 26' Maximum Radius With 20 Ton Crane	362.98	290.38
03 41 19 00-0038	EA	Erect Precast Partition Wall 6-7 Ton/Piece 23' Maximum Radius With 20 Ton Crane	394.67	315.77
03 41 19 00-0039	EA	Erect Precast Partition Wall 7-8 Ton/Piece 20' Maximum Radius With 20 Ton Crane	436.21	348.99

03 41 19 00-0040 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0030)*

Note: Includes handling, hoisting in place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0041	EA	Erect Precast Partition Wall 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	264.64	211.73
03 41 19 00-0042	EA	Erect Precast Partition Wall 1-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane	294.19	235.31
03 41 19 00-0043	EA	Erect Precast Partition Wall 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	331.16	264.95
03 41 19 00-0044	EA	Erect Precast Partition Wall 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane	378.76	303.01
03 41 19 00-0045	EA	Erect Precast Partition Wall 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	406.73	325.36
03 41 19 00-0046	EA	Erect Precast Partition Wall 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane	442.35	353.86
03 41 19 00-0047	EA	Erect Precast Partition Wall 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	480.97	384.82
03 41 19 00-0048	EA	Erect Precast Partition Wall 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane	531.60	425.26
03 41 19 00-0049	EA	Erect Precast Partition Wall 8-10 Ton/Piece 31' Maximum Radius With 50 Ton Crane	588.37	470.71
03 41 19 00-0050	EA	Erect Precast Partition Wall 10-12 Ton/Piece 26' Maximum Radius With 50 Ton Crane	665.96	532.74
03 41 19 00-0051	EA	Erect Precast Partition Wall 12-14 Ton/Piece 25' Maximum Radius With 50 Ton Crane	757.53	606.03
03 41 19 00-0052	EA	Erect Precast Partition Wall 14-16 Ton/Piece 21' Maximum Radius With 50 Ton Crane	878.29	702.61

03 41 19 00-0053 Material Cost *(03 41 19 00-0030)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0054	SF	4" Thick 3000 PSI Concrete, Precast Partition Wall, Ready To Erect	12.22	
		For 4,000 PSI Concrete, Add	*0.37*	
		For 4,500 PSI Concrete, Add	*0.49*	
		For 5,000 PSI Concrete, Add	*0.73*	
		For White Facing, Add	*2.44*	
		For Solid White Through Thickness, Add	*2.44*	
		For Broken Rib Finish, Add	*1.22*	
		For Fluted Surface, Add	*1.22*	
		For Exposed Aggregate, Add	*2.44*	
		For Sandblasting Of Surface, Add	*1.22*	
03 41 19 00-0055	SF	5" Thick 3000 PSI Concrete, Precast Partition Wall, Ready To Erect	15.05	
		For 4,000 PSI Concrete, Add	*0.45*	
		For 4,500 PSI Concrete, Add	*0.60*	
		For 5,000 PSI Concrete, Add	*0.90*	
		For White Facing, Add	*3.01*	
		For Solid White Through Thickness, Add	*3.01*	
		For Broken Rib Finish, Add	*1.51*	
		For Fluted Surface, Add	*1.51*	
		For Exposed Aggregate, Add	*3.01*	
		For Sandblasting Of Surface, Add	*1.51*	
03 41 19 00-0056	SF	6" Thick 3000 PSI Concrete, Precast Partition Wall, Ready To Erect	18.01	
		For 4,000 PSI Concrete, Add	*0.54*	
		For 4,500 PSI Concrete, Add	*0.72*	
		For 5,000 PSI Concrete, Add	*1.08*	
		For White Facing, Add	*3.60*	
		For Solid White Through Thickness, Add	*3.60*	
		For Broken Rib Finish, Add	*1.80*	
		For Fluted Surface, Add	*1.80*	
		For Exposed Aggregate, Add	*3.60*	
		For Sandblasting Of Surface, Add	*1.80*	
03 41 19 00-0057	SF	8" Thick 3000 PSI Concrete, Precast Partition Wall, Ready To Erect	23.80	
		For 4,000 PSI Concrete, Add	*0.71*	
		For 4,500 PSI Concrete, Add	*0.95*	
		For 5,000 PSI Concrete, Add	*1.43*	
		For White Facing, Add	*4.76*	
		For Solid White Through Thickness, Add	*4.76*	
		For Broken Rib Finish, Add	*2.38*	
		For Fluted Surface, Add	*2.38*	
		For Exposed Aggregate, Add	*4.76*	
		For Sandblasting Of Surface, Add	*2.38*	

03 41 19 00-0058 Cladding Panels *(03 41 19)*

03 41 19 00-0059 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0058)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0060	EA	Erect Precast Cladding 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	279.28	223.37
03 41 19 00-0061	EA	Erect Precast Cladding 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	312.38	249.89
03 41 19 00-0062	EA	Erect Precast Cladding 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	354.40	283.51
03 41 19 00-0063	EA	Erect Precast Cladding 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	378.76	303.01
03 41 19 00-0064	EA	Erect Precast Cladding 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	406.73	325.36
03 41 19 00-0065	EA	Erect Precast Cladding 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	442.35	353.86
03 41 19 00-0066	EA	Erect Precast Cladding 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	480.97	384.82
03 41 19 00-0067	EA	Erect Precast Cladding 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	531.60	425.26

03 41 19 00-0068 Erection Costs Using 90 Ton Crawler Crane *(03 41 19 00-0058)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0069	EA	Erect Precast Cladding 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	313.00	250.37
03 41 19 00-0070	EA	Erect Precast Cladding 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	350.11	280.09
03 41 19 00-0071	EA	Erect Precast Cladding 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	397.20	317.72
03 41 19 00-0072	EA	Erect Precast Cladding 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	424.51	339.61
03 41 19 00-0073	EA	Erect Precast Cladding 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	455.85	364.71
03 41 19 00-0074	EA	Erect Precast Cladding 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	495.78	396.59
03 41 19 00-0075	EA	Erect Precast Cladding 11-13 Ton/Piece 90' Maximum Radius With 90 Ton Crane	539.06	431.21
03 41 19 00-0076	EA	Erect Precast Cladding 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	595.81	476.68
03 41 19 00-0077	EA	Erect Precast Cladding 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	659.43	527.53
03 41 19 00-0078	FLR	Erect Precast Cladding 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	746.39	597.15
03 41 19 00-0079	EA	Erect Precast Cladding 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	849.03	679.21
03 41 19 00-0080	EA	Erect Precast Cladding 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	984.38	787.52

03 41 19 00-0081 Material Cost *(03 41 19 00-0058)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.

03 41 19 00-0082	SF	4" Thick 3000 PSI Concrete, Precast Cladding Panel, Ready To Erect	12.22	
		For 3,500 PSI Concrete, Add	*0.24*	
		For 4,000 PSI Concrete, Add	*0.37*	
		For 4,500 PSI Concrete, Add	*0.49*	
		For 5,000 PSI Concrete, Add	*0.73*	
		For White Facing, Add	*2.44*	
		For Solid White Through Thickness, Add	*2.44*	
		For Broken Rib Finish, Add	*1.22*	
		For Fluted Surface, Add	*1.22*	
		For Exposed Aggregate, Add	*2.44*	
		For Sandblasting Of Surface, Add	*1.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0083	SF	5" Thick 3000 PSI Concrete, Precast Cladding Panel, Ready To Erect	15.05	
		For 3,500 PSI Concrete, Add	*0.30*	
		For 4,000 PSI Concrete, Add	*0.45*	
		For 4,500 PSI Concrete, Add	*0.60*	
		For 5,000 PSI Concrete, Add	*0.90*	
		For White Facing, Add	*3.01*	
		For Solid White Through Thickness, Add	*3.01*	
		For Broken Rib Finish, Add	*1.51*	
		For Fluted Surface, Add	*1.51*	
		For Exposed Aggregate, Add	*3.01*	
		For Sandblasting Of Surface, Add	*1.51*	
03 41 19 00-0084	SF	6" Thick 3000 PSI Concrete, Precast Cladding Panel, Ready To Erect	18.01	
		For 3,500 PSI Concrete, Add	*0.36*	
		For 4,000 PSI Concrete, Add	*0.54*	
		For 4,500 PSI Concrete, Add	*0.72*	
		For 5,000 PSI Concrete, Add	*1.08*	
		For White Facing, Add	*3.60*	
		For Solid White Through Thickness, Add	*3.60*	
		For Broken Rib Finish, Add	*1.80*	
		For Fluted Surface, Add	*1.80*	
		For Exposed Aggregate, Add	*3.60*	
		For Sandblasting Of Surface, Add	*1.80*	
03 41 19 00-0085	SF	8" Thick 3000 PSI Concrete, Precast Cladding Panel, Ready To Erect	23.80	
		For 3,500 PSI Concrete, Add	*0.48*	
		For 4,000 PSI Concrete, Add	*0.71*	
		For 4,500 PSI Concrete, Add	*0.95*	
		For 5,000 PSI Concrete, Add	*1.43*	
		For White Facing, Add	*4.76*	
		For Solid White Through Thickness, Add	*4.76*	
		For Broken Rib Finish, Add	*2.38*	
		For Fluted Surface, Add	*2.38*	
		For Exposed Aggregate, Add	*4.76*	
		For Sandblasting Of Surface, Add	*2.38*	

03 41 19 00-0086 Sandwich Panel *(03 41 19)*

03 41 19 00-0087 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0086)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0088	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	279.28	223.37
03 41 19 00-0089	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	312.38	249.89
03 41 19 00-0090	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	354.40	283.51
03 41 19 00-0091	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	378.76	303.01
03 41 19 00-0092	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	406.73	325.36
03 41 19 00-0093	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	442.35	353.86
03 41 19 00-0094	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	480.97	384.82
03 41 19 00-0095	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	531.60	425.26

03 41 19 00-0096 Erection Costs Using 90 Ton Crawler Crane *(03 41 19 00-0086)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0097	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	280.99	224.74
03 41 19 00-0098	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	314.30	251.42
03 41 19 00-0099	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	356.57	285.24
03 41 19 00-0100	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	381.08	304.86
03 41 19 00-0101	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	409.22	327.35
03 41 19 00-0102	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	445.06	356.03
03 41 19 00-0103	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	483.91	387.18
03 41 19 00-0104	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	534.85	427.86
03 41 19 00-0105	EA	Erect Precast Sandwich Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	591.97	473.59
03 41 19 00-0106	EA	Erect Precast Sandwich Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	670.04	536.00
03 41 19 00-0107	EA	Erect Precast Sandwich Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	762.16	609.74
03 41 19 00-0108	EA	Erect Precast Sandwich Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	883.67	706.91

03 41 19 00-0109 Material Cost *(03 41 19 00-0086)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations. Sandwich panel consists of 2.5" cladding panel, 2" fiber board insulation and the structural panel as defined.

03 41 19 00-0110	SF	4" Thick 3000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	16.72	
		For 3,500 PSI Concrete, Add	*0.33*	
		For 4,000 PSI Concrete, Add	*0.50*	
		For 4,500 PSI Concrete, Add	*0.67*	
		For 5,000 PSI Concrete, Add	*1.00*	
		For White Facing, Add	*3.34*	
		For Solid White Through Thickness, Add	*3.34*	
		For Broken Rib Finish, Add	*1.67*	
		For Fluted Surface, Add	*1.67*	
		For Exposed Aggregate, Add	*3.34*	
		For Sandblasting Of Surface, Add	*1.67*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0111	SF	5" Thick 3000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	19.68	
		For 3,500 PSI Concrete, Add	*0.39*	
		For 4,000 PSI Concrete, Add	*0.59*	
		For 4,500 PSI Concrete, Add	*0.79*	
		For 5,000 PSI Concrete, Add	*1.18*	
		For White Facing, Add	*3.94*	
		For Solid White Through Thickness, Add	*3.94*	
		For Broken Rib Finish, Add	*1.97*	
		For Fluted Surface, Add	*1.97*	
		For Exposed Aggregate, Add	*3.94*	
		For Sandblasting Of Surface, Add	*1.97*	
03 41 19 00-0112	SF	6" Thick 3000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	22.90	
		For 3,500 PSI Concrete, Add	*0.46*	
		For 4,000 PSI Concrete, Add	*0.69*	
		For 4,500 PSI Concrete, Add	*0.92*	
		For 5,000 PSI Concrete, Add	*1.37*	
		For White Facing, Add	*4.58*	
		For Solid White Through Thickness, Add	*4.58*	
		For Broken Rib Finish, Add	*2.29*	
		For Fluted Surface, Add	*2.29*	
		For Exposed Aggregate, Add	*4.58*	
		For Sandblasting Of Surface, Add	*2.29*	
03 41 19 00-0113	SF	8" Thick 3000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	28.95	
		For 3,500 PSI Concrete, Add	*0.58*	
		For 4,000 PSI Concrete, Add	*0.87*	
		For 4,500 PSI Concrete, Add	*1.16*	
		For 5,000 PSI Concrete, Add	*1.74*	
		For White Facing, Add	*5.79*	
		For Solid White Through Thickness, Add	*5.79*	
		For Broken Rib Finish, Add	*2.90*	
		For Fluted Surface, Add	*2.90*	
		For Exposed Aggregate, Add	*5.79*	
		For Sandblasting Of Surface, Add	*2.90*	

03 41 23 Precast Concrete Stairs *(03 41)*

03 41 23 00-0001 Erection Costs Using A 50 Ton Hydraulic Crane *(03 41 23)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0002	EA	Erect Precast Stairs, 0-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane	294.19	235.31
03 41 23 00-0003	EA	Erect Precast Stairs, 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	312.38	249.89
03 41 23 00-0004	EA	Erect Precast Stairs, 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane	331.16	264.95
03 41 23 00-0005	EA	Erect Precast Stairs, 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	354.40	283.51
03 41 23 00-0006	EA	Erect Precast Stairs, 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane	378.76	303.01
03 41 23 00-0007	EA	Erect Precast Stairs, 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	406.73	325.36
03 41 23 00-0008	EA	Erect Precast Stairs, 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane	442.35	353.86
03 41 23 00-0009	EA	Erect Precast Stairs, 8-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	480.97	384.82

03 41 23 00-0010 Erection Costs Using A 90 Ton Crawler Crane *(03 41 23)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0011	EA	Erect Precast Stairs, 0-2 Ton/Piece 151' Maximum Radius With 90 Ton Crane	294.19	235.31
03 41 23 00-0012	EA	Erect Precast Stairs, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	312.38	249.89
03 41 23 00-0013	EA	Erect Precast Stairs, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane	331.16	264.95
03 41 23 00-0014	EA	Erect Precast Stairs, 4-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	354.40	283.51
03 41 23 00-0015	EA	Erect Precast Stairs, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane	378.76	303.01
03 41 23 00-0016	EA	Erect Precast Stairs, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	406.73	325.36
03 41 23 00-0017	EA	Erect Precast Stairs, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane	442.35	353.86
03 41 23 00-0018	EA	Erect Precast Stairs, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	480.97	384.82

03 41 23 00-0019 Material Cost *(03 41 23)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast operations.

03 41 23 00-0020	EA	3' Wide With 10-1/2" Depth Treads Precast Concrete Stair Unit, Per Riser	257.83	
		For 3,500 PSI Concrete, Add	*33.65*	
		For 4,000 PSI Concrete, Add	*63.22*	
		For 4,500 PSI Concrete, Add	*92.92*	
		For 5,000 PSI Concrete, Add	*126.41*	

03 41 26 Precast Concrete Structural Sections *(03 41)*

03 41 26 00-0001 Precast Beams, Girder And Joists *(03 41 26)*

03 41 26 00-0002 Erection Costs Using A 90 Ton Crawler Crane *(03 41 26 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 26 00-0003	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 89' Maximum Radius, 90 Ton Crane	371.16	296.97
03 41 26 00-0004	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 60' Maximum Radius, 90 Ton Crane	397.20	317.72
03 41 26 00-0005	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 43' Maximum Radius, 90 Ton Crane	424.51	339.61
03 41 26 00-0006	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 36' Maximum Radius, 90 Ton Crane	455.85	364.71

03 41 26 00-0007 Erection Costs Using A 125 Ton Crawler Crane *(03 41 26 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 26 00-0008	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 110' Maximum Radius, 125 Ton Crane	468.92	375.11

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 26 00-0009	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 75' Maximum Radius, 125 Ton Crane	501.83	401.49
03 41 26 00-0010	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 55' Maximum Radius, 125 Ton Crane	536.33	429.06
03 41 26 00-0011	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 50' Maximum Radius, 125 Ton Crane	575.93	460.70
03 41 26 00-0012	EA	Erect Precast Structural Sections, 20-25 Ton/Piece Beam, Girder, Joist; 40' Maximum Radius, 125 Ton Crane	626.37	501.14
03 41 26 00-0013	EA	Erect Precast Structural Sections, 25-30 Ton/Piece Beam, Girder, Joist; 33' Maximum Radius, 125 Ton Crane	681.05	544.80
03 41 26 00-0014	EA	Erect Precast Structural Sections, 30-35 Ton/Piece Beam, Girder, Joist; 30' Maximum Radius, 125 Ton Crane	752.74	602.19
03 41 26 00-0015	EA	Erect Precast Structural Sections, 35-40 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane	833.14	666.55

03 41 26 00-0016 Material Cost *(03 41 26 00-0001)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.

03 41 26 00-0017 1000 LB/LF Live Load *(03 41 26 00-0016)*

03 41 26 00-0018	LF	Precast Structural Sections, 1000 LB/LF, 15' Span Live Load, Span, 3000 PSI	51.56
		For 3,500 PSI Concrete, Add	*1.41*
		For 4,000 PSI Concrete, Add	*2.11*
		For 4,500 PSI Concrete, Add	*2.82*
		For 5,000 PSI Concrete, Add	*4.23*
03 41 26 00-0019	LF	Precast Structural Sections, 1000 LB/LF, 20' Span Live Load, Span, 3000 PSI	64.45
		For 3,500 PSI Concrete, Add	*1.76*
		For 4,000 PSI Concrete, Add	*2.64*
		For 4,500 PSI Concrete, Add	*3.52*
		For 5,000 PSI Concrete, Add	*5.28*
03 41 26 00-0020	LF	Precast Structural Sections, 1000 LB/LF, 30' Span Live Load, Span, 3000 PSI	77.34
		For 3,500 PSI Concrete, Add	*2.11*
		For 4,000 PSI Concrete, Add	*3.17*
		For 4,500 PSI Concrete, Add	*4.22*
		For 5,000 PSI Concrete, Add	*6.34*

03 41 26 00-0021 3000 LB/LF Live Load *(03 41 26 00-0016)*

03 41 26 00-0022	LF	Precast Structural Sections, 3000 LB/LF, 15' Span Live Load, Span, 3000 PSI	64.45
		For 3,500 PSI Concrete, Add	*1.76*
		For 4,000 PSI Concrete, Add	*2.64*
		For 4,500 PSI Concrete, Add	*3.52*
		For 5,000 PSI Concrete, Add	*5.28*
03 41 26 00-0023	LF	Precast Structural Sections, 3000 LB/LF, 20' Span Live Load, Span, 3000 PSI	77.34
		For 3,500 PSI Concrete, Add	*2.11*
		For 4,000 PSI Concrete, Add	*3.17*
		For 4,500 PSI Concrete, Add	*4.22*
		For 5,000 PSI Concrete, Add	*6.34*
03 41 26 00-0024	LF	Precast Structural Sections, 3000 LB/LF, 30' Span Live Load, Span, 3000 PSI	103.12
		For 3,500 PSI Concrete, Add	*2.82*
		For 4,000 PSI Concrete, Add	*4.23*
		For 4,500 PSI Concrete, Add	*5.63*
		For 5,000 PSI Concrete, Add	*8.46*

03 41 26 00-0025 5000 LB/LF Live Load *(03 41 26 00-0016)*

03 41 26 00-0026	LF	Precast Structural Sections, 5000 LB/LF, 15' Span Live Load, Span, 3000 PSI	90.23
		For 3,500 PSI Concrete, Add	*2.46*
		For 4,000 PSI Concrete, Add	*3.70*
		For 4,500 PSI Concrete, Add	*4.93*
		For 5,000 PSI Concrete, Add	*7.40*
03 41 26 00-0027	LF	Precast Structural Sections, 5000 LB/LF, 20' Span Live Load, Span, 3000 PSI	103.12
		For 3,500 PSI Concrete, Add	*2.82*
		For 4,000 PSI Concrete, Add	*4.23*
		For 4,500 PSI Concrete, Add	*5.63*
		For 5,000 PSI Concrete, Add	*8.46*
03 41 26 00-0028	LF	Precast Structural Sections, 5000 LB/LF, 30' Span Live Load, Span, 3000 PSI	128.89
		For 3,500 PSI Concrete, Add	*3.52*
		For 4,000 PSI Concrete, Add	*5.28*
		For 4,500 PSI Concrete, Add	*7.04*
		For 5,000 PSI Concrete, Add	*10.57*

03 41 26 00-0029 Precast Concrete Columns *(03 41 26)*

03 41 26 00-0030 Erection Costs Using A 90 Ton Crawler Crane *(03 41 26 00-0029)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 26 00-0031	EA	Erect Precast Concrete Columns, 0-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	213.20	170.53
03 41 26 00-0032	EA	Erect Precast Concrete Columns, 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	226.67	181.30
03 41 26 00-0033	EA	Erect Precast Concrete Columns, 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	242.92	194.35
03 41 26 00-0034	EA	Erect Precast Concrete Columns, 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	260.57	208.45
03 41 26 00-0035	EA	Erect Precast Concrete Columns, 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	280.99	224.74
03 41 26 00-0036	EA	Erect Precast Concrete Columns, 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	304.86	243.89
03 41 26 00-0037	EA	Erect Precast Concrete Columns, 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	333.19	266.57

03 41 26 00-0038 Material Cost *(03 41 26 00-0029)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast operations.

03 41 26 00-0039 12" x 12" Column, Square, Tied *(03 41 26 00-0038)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 26 00-0040	CY	12" x 12" Precast Column, Tied, Average Reinforced 351 LB/CY	266.85	
		For 3,500 PSI Concrete, Add	*20.01*	
		For 4,000 PSI Concrete, Add	*37.63*	
		For 4,500 PSI Concrete, Add	*55.50*	
		For 5,000 PSI Concrete, Add	*75.52*	
03 41 26 00-0041		16" x 16" Column, Square, Tied *(03 41 26 00-0038)*		
03 41 26 00-0042	CY	16" x 16" Precast Column, Tied, Average Reinforced 368 LB/CY	273.44	
		For 3,500 PSI Concrete, Add	*20.51*	
		For 4,000 PSI Concrete, Add	*38.56*	
		For 4,500 PSI Concrete, Add	*56.88*	
		For 5,000 PSI Concrete, Add	*77.38*	
03 41 26 00-0043		20" x 20" Column, Square, Tied *(03 41 26 00-0038)*		
03 41 26 00-0044	CY	20" x 20" Precast Column, Tied, Average Reinforced 357 LB/CY	273.97	
		For 3,500 PSI Concrete, Add	*20.55*	
		For 4,000 PSI Concrete, Add	*38.63*	
		For 4,500 PSI Concrete, Add	*56.99*	
		For 5,000 PSI Concrete, Add	*77.53*	
03 41 26 00-0045		24" x 24" Column, Square, Tied *(03 41 26 00-0038)*		
03 41 26 00-0046	CY	24" x 24" Precast Column, Tied, Average Reinforced 365 LB/CY	273.97	
		For 3,500 PSI Concrete, Add	*20.55*	
		For 4,000 PSI Concrete, Add	*38.63*	
		For 4,500 PSI Concrete, Add	*56.99*	
		For 5,000 PSI Concrete, Add	*77.53*	
03 41 26 00-0047		28" x 28" Column, Square, Tied *(03 41 26 00-0038)*		
03 41 26 00-0048	CY	28" x 28" Precast Column, Tied, Average Reinforced 347 LB/CY	273.97	
		For 3,500 PSI Concrete, Add	*20.55*	
		For 4,000 PSI Concrete, Add	*38.63*	
		For 4,500 PSI Concrete, Add	*56.99*	
		For 5,000 PSI Concrete, Add	*77.53*	
03 41 26 00-0049		32" x 32" Column, Square, Tied *(03 41 26 00-0038)*		
03 41 26 00-0050	CY	32" x 32" Precast Column, Tied, Average Reinforced 351 LB/CY	273.44	
		For 3,500 PSI Concrete, Add	*20.51*	
		For 4,000 PSI Concrete, Add	*38.56*	
		For 4,500 PSI Concrete, Add	*56.88*	
		For 5,000 PSI Concrete, Add	*77.38*	
03 41 26 00-0051		36" x 36" Column, Square, Tied *(03 41 26 00-0038)*		
03 41 26 00-0052	CY	36" x 36" Precast Column, Tied, Average Reinforced 278 LB/CY	273.97	
		For 3,500 PSI Concrete, Add	*20.55*	
		For 4,000 PSI Concrete, Add	*38.63*	
		For 4,500 PSI Concrete, Add	*56.99*	
		For 5,000 PSI Concrete, Add	*77.53*	
03 41 33		**Precast Structural Pretensioned Concrete** *(03 41)*		
03 41 33 00-0001		Slabs, Roof And Floor Members *(03 41 33)*		
03 41 33 00-0002	SF	4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor	6.68	1.70
03 41 33 00-0003	SF	6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor	8.07	1.70
03 41 33 00-0004	SF	8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor	9.46	1.79
03 41 33 00-0005	SF	10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor	10.88	1.87
03 41 33 00-0006		Tee Members *(03 41 33)*		
03 41 33 00-0007		Multiple Tee, Roof And Floor *(03 41 33 00-0006)*		
03 41 33 00-0008	SF	Prestressed Multiple Tee, Roof And Floor Members	13.84	2.22
03 41 33 00-0009		Double Tee Wall Member *(03 41 33 00-0006)*		
03 41 33 00-0010	SF	Prestressed Double Tee Wall Members Precast Concrete, <40' Span	21.76	6.05
03 41 33 00-0011		Single Tee, Short Span, Roof Members *(03 41 33 00-0006)*		
03 41 33 00-0012	SF	Prestressed Single Tee, Short Span Roof Precast Concrete Members, <40' Span	17.05	3.67
03 41 33 00-0013		Single Tee, Long Span, Roof Members *(03 41 33 00-0006)*		
03 41 33 00-0014	SF	Prestressed Single Tee, Long Span Roof Precast Concrete Members, <40' Span	19.58	3.15
03 41 33 00-0015		Prestressed Concrete Items *(03 41 33)*		
03 41 33 00-0016		Prestressed Quad Tee *(03 41 33 00-0015)*		
03 41 33 00-0017	SF	Tees, Prestressed Quad Tee, Short Spans, Roof	9.37	0.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0018	SF	Tees, Prestressed Quad Tee, Short Spans, Floor	9.76	0.68
03 41 33 00-0019		**Prestressed Double Tee** *(03 41 33 00-0015)*		
03 41 33 00-0020	SF	Tees, Double Tee, Floor Members , 60' Span	15.17	0.59
03 41 33 00-0021	SF	Tees, Double Tee, Floor Members , 80' Span	20.75	0.59
03 41 33 00-0022	SF	Tees, Double Tee, Roof Members, 30' Span	10.80	1.03
03 41 33 00-0023	SF	Tees, Double Tee, Roof Members, 50' Span	16.11	0.68
03 41 33 00-0024	SF	Tees, Double Tee, Wall Members, Up To 55' High	11.90	1.36
03 41 33 00-0025		**Prestressed Single Tee** *(03 41 33 00-0015)*		
03 41 33 00-0026	SF	Tees, Single Tee Roof Members, 40' Span	18.59	1.53
03 41 33 00-0027	SF	Tees, Single Tee Roof Members, 80' Span	20.89	0.94
03 41 33 00-0028	SF	Tees, Single Tee Roof Members, 100' Span	27.35	0.86
03 41 33 00-0029	SF	Tees, Single Tee Roof Members, 120' Span	28.77	0.86
03 41 33 00-0030		**Prestressed Double Tee Floor Members** *(03 41 33 00-0015)*		
03 41 33 00-0031	EA	Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45'	4,690.06	245.61
03 41 33 00-0032	EA	Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50'	5,110.89	272.90
03 41 33 00-0033	EA	Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60'	8,440.75	307.01
03 41 33 00-0034	EA	Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25'	1,929.23	223.34
03 41 33 00-0035	EA	Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25'	2,498.55	245.61
03 41 33 00-0036	EA	Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35'	3,143.11	245.61
03 41 33 00-0037	EA	Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45'	3,499.48	272.90
03 41 33 00-0038	EA	Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50'	4,444.46	307.01
03 41 33 00-0039	EA	Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60'	7,851.21	351.01
03 41 33 00-0040		**Prestressed Double Tee Roof Members** *(03 41 33 00-0015)*		
03 41 33 00-0041	EA	Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45'	3,723.22	245.61
03 41 33 00-0042	EA	Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50'	4,853.06	272.90
03 41 33 00-0043	EA	Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60'	7,860.64	307.01
03 41 33 00-0044	EA	Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30'	2,535.12	223.34
03 41 33 00-0045	EA	Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30'	2,679.02	245.61
03 41 33 00-0046	EA	Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30'	2,949.74	245.61
03 41 33 00-0047	EA	Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40'	3,048.29	272.90
03 41 33 00-0048	EA	Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50'	3,993.26	307.01
03 41 33 00-0049	EA	Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60'	6,755.45	351.01
03 41 33 00-0050		**Plant Produced Pretensioned Prestressed Concrete Hollow Core Slab** *(03 41 33)*		
03 41 33 00-0051	SF	Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Pretensioned Prestressed Concrete	9.82	
03 41 33 00-0052	SF	Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete	10.26	
03 41 33 00-0053	SF	Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete	10.86	
03 41 33 00-0054	SF	Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete	11.34	
03 41 33 00-0055	SF	Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete	12.26	
03 41 33 00-0056		**Double And Single Tees** *(03 41 33)*		
03 41 33 00-0057		**Double And Single Tees With 16" Roof And Floor Loading** *(03 41 33 00-0056)*		
03 41 33 00-0058	SF	Double Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	12.07	
03 41 33 00-0059	SF	Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	11.76	
03 41 33 00-0060	SF	Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	11.09	
03 41 33 00-0061	SF	Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	12.07	
03 41 33 00-0062	SF	Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	11.99	
03 41 33 00-0063	SF	Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	18.10	
03 41 33 00-0064	SF	Single Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	17.68	
03 41 33 00-0065	SF	Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	16.54	
03 41 33 00-0066	SF	Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	18.10	
03 41 33 00-0067	SF	Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	16.98	
03 41 33 00-0068		**Double And Single Tees With 24" Roof And Floor Loading** *(03 41 33 00-0056)*		
03 41 33 00-0069	SF	Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	12.42	
03 41 33 00-0070	SF	Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	12.11	
03 41 33 00-0071	SF	Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	11.67	
03 41 33 00-0072	SF	Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	12.42	
03 41 33 00-0073	SF	Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	11.99	
03 41 33 00-0074	SF	Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	18.57	
03 41 33 00-0075	SF	Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	18.14	
03 41 33 00-0076	SF	Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	17.47	
03 41 33 00-0077	SF	Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	18.57	
03 41 33 00-0078	SF	Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	18.02	
03 41 33 00-0079		**Double And Single Tees With 32" Roof And Floor Loading** *(03 41 33 00-0056)*		
03 41 33 00-0080	SF	Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	13.14	
03 41 33 00-0081	SF	Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	12.71	
03 41 33 00-0082	SF	Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	12.26	
03 41 33 00-0083	SF	Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	19.75	
03 41 33 00-0084	SF	Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	19.09	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0085	SF	Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	18.30	

03 48 Precast Concrete Specialties *(03 40)*

03 48 16 Precast Concrete Splash Blocks *(03 48)*

03 48 16 00-0001 Precast Concrete Splash Blocks *(03 48 16)*

03 48 16 00-0002	EA	Precast Concrete Splash Blocks, Standard Size	11.84	2.98

03 48 21 Precast Concrete Handrails *(03 48)*

03 48 21 00-0001 Installation Cost *(03 48 21)*

Note: Includes handling, hoisting into place, alignment, and permanent connections. Excludes grouting.

03 48 21 00-0002	EA	Install Precast Handrails, 0-2 Ton/Handrail	122.81	55.29
03 48 21 00-0003	EA	Install Precast Handrails, Over 2 Ton/Handrail	147.28	66.26

03 48 21 00-0004 Material Cost *(03 48 21)*

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast operations.

03 48 21 00-0005	CY	4" Thick 3000 PSI Concrete Precast Concrete Handrail	1,018.44
		For 3,500 PSI Concrete, Add	*66.45*
		For 4,000 PSI Concrete, Add	*124.86*
		For 4,500 PSI Concrete, Add	*183.52*
		For 5,000 PSI Concrete, Add	*249.67*
03 48 21 00-0006	CY	5" Thick 3000 PSI Concrete Precast Concrete Handrail	1,057.12
		For 3,500 PSI Concrete, Add	*68.98*
		For 4,000 PSI Concrete, Add	*129.60*
		For 4,500 PSI Concrete, Add	*190.49*
		For 5,000 PSI Concrete, Add	*259.15*
03 48 21 00-0007	CY	6" Thick 3000 PSI Concrete Precast Concrete Handrail	1,095.79
		For 3,500 PSI Concrete, Add	*71.50*
		For 4,000 PSI Concrete, Add	*134.34*
		For 4,500 PSI Concrete, Add	*197.46*
		For 5,000 PSI Concrete, Add	*268.63*
03 48 21 00-0008	CY	8" Thick 3000 PSI Concrete Precast Concrete Handrail	1,147.36
		For 3,500 PSI Concrete, Add	*74.87*
		For 4,000 PSI Concrete, Add	*140.67*
		For 4,500 PSI Concrete, Add	*206.75*
		For 5,000 PSI Concrete, Add	*281.28*

03 48 23 Precast Concrete Sun Screen And Trellis *(03 48)*

03 48 23 00-0001 Sun Screen Blades *(03 48 23)*

03 48 23 00-0002 Installation Cost *(03 48 23 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing, and permanent connections.

03 48 23 00-0003	EA	Install Precast Sun Screen Blade, 0-1 Ton/Each	61.41	27.64
03 48 23 00-0004	EA	Install Precast Sun Screen Blade, 1-2 Ton/Each	73.78	33.17
03 48 23 00-0005	EA	Install Precast Sun Screen Blade, 2-3 Ton/Each	92.18	41.51

03 48 23 00-0006 Material Cost *(03 48 23 00-0001)*

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

03 48 23 00-0007	CY	4" Thick 3000 PSI Concrete Precast Sun Screen Blades	1,082.90
		For 3,500 PSI Concrete, Add	*70.66*
		For 4,000 PSI Concrete, Add	*132.76*
		For 4,500 PSI Concrete, Add	*195.14*
		For 5,000 PSI Concrete, Add	*265.47*
03 48 23 00-0008	CY	5" Thick 3000 PSI Concrete Precast Sun Screen Blades	1,121.58
		For 3,500 PSI Concrete, Add	*73.18*
		For 4,000 PSI Concrete, Add	*137.51*
		For 4,500 PSI Concrete, Add	*202.11*
		For 5,000 PSI Concrete, Add	*274.96*
03 48 23 00-0009	CY	6" Thick 3000 PSI Concrete Precast Sun Screen Blades	1,173.14
		For 3,500 PSI Concrete, Add	*76.55*
		For 4,000 PSI Concrete, Add	*143.83*
		For 4,500 PSI Concrete, Add	*211.40*
		For 5,000 PSI Concrete, Add	*287.60*
03 48 23 00-0010	CY	8" Thick 3000 PSI Concrete Precast Sun Screen Blades	1,224.71
		For 3,500 PSI Concrete, Add	*79.91*
		For 4,000 PSI Concrete, Add	*150.15*
		For 4,500 PSI Concrete, Add	*220.69*
		For 5,000 PSI Concrete, Add	*300.24*

03 48 23 00-0011 Sun Screen/Trellis Units *(03 48 23)*

03 48 23 00-0012 Installation Cost Using A 50 Ton Hydraulic Crane *(03 48 23 00-0011)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent to connections.

03 48 23 00-0013	EA	Install Precast Trellis, 0-1 Tons/Unit 100' Maximum Radius With 50 Ton Crane	279.28	125.66
03 48 23 00-0014	EA	Install Precast Trellis, 1-3 Tons/Unit 65' Maximum Radius With 50 Ton Crane	312.38	140.62
03 48 23 00-0015	EA	Install Precast Trellis, 3-5 Tons/Unit 50' Maximum Radius With 50 Ton Crane	354.40	159.46
03 48 23 00-0016	EA	Install Precast Trellis, 5-7 Tons/Unit 40' Maximum Radius With 50 Ton Crane	378.76	170.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 48 23 00-0017 Material Cost *(03 48 23 00-0011)*
Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

03 48 23 00-0018	CY	4" Thick 3000 PSI Concrete Precast Trellises Blades	1,250.49	
		For 3,500 PSI Concrete, Add	*81.59*	
		For 4,000 PSI Concrete, Add	*153.31*	
		For 4,500 PSI Concrete, Add	*225.34*	
		For 5,000 PSI Concrete, Add	*306.56*	
03 48 23 00-0019	CY	5" Thick 3000 PSI Concrete Precast Trellises Blades	1,289.17	
		For 3,500 PSI Concrete, Add	*84.12*	
		For 4,000 PSI Concrete, Add	*158.05*	
		For 4,500 PSI Concrete, Add	*232.31*	
		For 5,000 PSI Concrete, Add	*316.04*	
03 48 23 00-0020	CY	6" Thick 3000 PSI Concrete Precast Trellises Blades	1,340.74	
		For 3,500 PSI Concrete, Add	*87.48*	
		For 4,000 PSI Concrete, Add	*164.37*	
		For 4,500 PSI Concrete, Add	*241.60*	
		For 5,000 PSI Concrete, Add	*328.68*	
03 48 23 00-0021	CY	8" Thick 3000 PSI Concrete Precast Trellises Blades	1,405.19	
		For 3,500 PSI Concrete, Add	*91.69*	
		For 4,000 PSI Concrete, Add	*172.28*	
		For 4,500 PSI Concrete, Add	*253.22*	
		For 5,000 PSI Concrete, Add	*344.48*	

03 48 26 Precast Minaret Segments *(03 48)*

03 48 26 00-0001 Installation Costs Using A 50 Ton Hydraulic Crane *(03 48 26)*
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.

03 48 26 00-0002 L - Shaped Segments *(03 48 26 00-0001)*

03 48 26 00-0003	EA	Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	271.76	217.41
03 48 26 00-0004	EA	Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	304.53	243.64
03 48 26 00-0005	EA	Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	344.34	275.46
03 48 26 00-0006	EA	Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	367.29	293.83

03 48 26 00-0007 O - Shaped Segments *(03 48 26 00-0001)*

03 48 26 00-0008	EA	Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	287.22	229.81
03 48 26 00-0009	EA	Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	322.35	257.85
03 48 26 00-0010	EA	Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	365.08	292.03
03 48 26 00-0011	EA	Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	390.98	312.76

03 48 26 00-0012 Platform Segment *(03 48 26 00-0001)*

03 48 26 00-0013	EA	Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	550.93	440.79
03 48 26 00-0014	EA	Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	665.96	532.74
03 48 26 00-0015	EA	Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	739.05	591.25
03 48 26 00-0016	EA	Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	830.17	664.16

03 48 26 00-0017 Cap Segment *(03 48 26 00-0001)*

03 48 26 00-0018	EA	Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	301.51	241.18
03 48 26 00-0019	EA	Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	336.68	269.30
03 48 26 00-0020	EA	Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	383.56	306.80
03 48 26 00-0021	EA	Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	409.47	327.53

03 48 26 00-0022 Installation Costs Using A 90 Ton Crawler Crane *(03 48 26)*
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints.

03 48 26 00-0023 L - Shaped Segments *(03 48 26 00-0022)*

03 48 26 00-0024	EA	Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	273.43	218.74
03 48 26 00-0025	EA	Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	306.40	245.13
03 48 26 00-0026	EA	Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	346.44	277.14
03 48 26 00-0027	EA	Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	369.54	295.62

03 48 26 00-0028 O - Shaped Segment *(03 48 26 00-0022)*

03 48 26 00-0029	EA	Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	288.97	231.22
03 48 26 00-0030	EA	Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	324.32	259.43
03 48 26 00-0031	EA	Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	367.31	293.82
03 48 26 00-0032	EA	Install Minaret, O-Shaped Segments, 5-7 Ton/Each 795' Maximum Radius With 90 Ton Crane	393.37	314.68

03 48 26 00-0033 Platform Segment *(03 48 26 00-0022)*

03 48 26 00-0034	EA	Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	441.84	353.45
03 48 26 00-0035	EA	Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	534.85	427.86
03 48 26 00-0036	EA	Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	591.97	473.59
03 48 26 00-0037	EA	Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	670.04	536.00

03 48 26 00-0038 Cap Segment *(03 48 26 00-0022)*

03 48 26 00-0039	EA	Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	303.35	242.66
03 48 26 00-0040	EA	Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	338.74	270.95
03 48 26 00-0041	EA	Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	385.90	308.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 26 00-0042	EA	Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	411.98	329.54

03 48 26 00-0043 Material Costs *(03 48 26)*

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

03 48 26 00-0044	CY	Precast Concrete Minaret, L-Shaped Segments Including Post Tension Cost, 3000 PSI Concrete	3,093.83	
03 48 26 00-0045	CY	Precast Concrete Minaret, O-Shaped Segments Including Post Tension Cost, 3000 PSI Concrete	3,093.83	
03 48 26 00-0046	CY	Precast Concrete Minaret, Platform Segments Including Post Tension Cost, 3000 PSI Concrete	3,093.83	
03 48 26 00-0047	CY	Precast Concrete Minaret, Cap Segments Including Post Tension Cost, 3000 PSI Concrete	3,093.83	

03 48 29 Precast Accessories *(03 48)*

Note: Includes installation labor, material and equipment.

03 48 29 00-0001 Bearing Pads For Precast Members *(03 48 29)*

03 48 29 00-0002 Continuous 2" Wide Strips *(03 48 29 00-0001)*

03 48 29 00-0003	LF	Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips Note: For precast members	1.09	
03 48 29 00-0004	LF	Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips Note: For precast members.	1.57	
03 48 29 00-0005	LF	Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips Note: For precast members	2.62	
03 48 29 00-0006	LF	Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips Note: For precast members	3.69	
03 48 29 00-0007	LF	Bearing Pads, Continuous 2" Wide x 1" Thick Strips Note: For precast members	4.81	
03 48 29 00-0008	LF	Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips Note: For precast members	6.92	

03 48 29 00-0009 Bearing Pad Pipe Supports *(03 48 29)*

03 48 29 00-0010	LF	4" x 4" Precast Pipe Support	6.84	

03 48 46 Precast Skylight Shells *(03 48)*

03 48 46 00-0001 Installation Cost Using A 90 Ton Crawler Crane *(03 48 46)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.

03 48 46 00-0002	EA	Install Precast Skylight Shell, 0-4 Tons/Each Based On 90 Ton Crawler Crane	397.20	178.77
03 48 46 00-0003	EA	Install Precast Skylight Shell, 4-6 Tons/Each Based On 90 Ton Crawler Crane	441.06	198.48
03 48 46 00-0004	EA	Install Precast Skylight Shell, 6-8 Tons/Each Based On 90 Ton Crawler Crane	495.78	223.10

03 48 46 00-0005 Material Cost *(03 48 46)*

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

03 48 46 00-0006	CY	3.5" Thick 3000 PSI Concrete Precast Skylight With 4.4' Radius	1,294.36	

03 48 49 Precast Landings *(03 48)*

03 48 49 00-0001	SF	3" Thick Precast Landing	39.11	
03 48 49 00-0002	SF	4" Thick Precast Landing	45.23	
03 48 49 00-0003	SF	5" Thick Precast Landing	51.87	
03 48 49 00-0004	SF	6" Thick Precast Landing	59.93	

03 50 Cast Decks And Underlayment *(03)*

03 51 Cast Roof Decks *(03 50)*

03 51 13 Cementitious Wood Fiber Decks *(03 51)*

03 51 13 00-0001 Cement Fiber Tongue And Groove Planks *(03 51 13)*

03 51 13 00-0002	SF	1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	2.63	
03 51 13 00-0003	SF	1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	2.74	
03 51 13 00-0004	SF	2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	2.87	
03 51 13 00-0005	SF	2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.24	
03 51 13 00-0006	SF	3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.66	
03 51 13 00-0007	SF	3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.12	
03 51 13 00-0008	SF	4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.70	

03 51 13 00-0009 Bulb Tees, Sub-Purlins And Grout *(03 51 13)*

03 51 13 00-0010	SF	6' Span Bulb Tee, Sub-Purlins, Grout, Cement Wood Fiber System	1.07	
03 51 13 00-0011	SF	8' Span Bulb Tee, Sub-Purlins, Grout, Cement Wood Fiber System	1.65	

03 51 16 Gypsum Concrete Roof Decks *(03 51)*

03 51 16 00-0001 Class A Gypsum Fill Concrete Deck *(03 51 16)*

03 51 16 00-0002	SF	2" Thick Precast Gypsum Fill Concrete Deck, Class A	3.87	0.41
03 51 16 00-0003	SF	2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	4.76	0.47
03 51 16 00-0004	SF	3" Thick Precast Gypsum Fill Concrete Deck, Class A	5.66	0.54
03 51 16 00-0005	SF	3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	6.56	0.61
03 51 16 00-0006	SF	4" Thick Precast Gypsum Fill Concrete Deck, Class A	7.48	0.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 51 16 00-0007		**Formboard For Lightweight Deck** *(03 51 16)*		
03 51 16 00-0008	SF	Gypsum Deck Formboard, 1/2" Drywall For Lightweight Deck	1.55	
03 51 16 00-0009	SF	Gypsum Deck Formboard, 1" Mineral Fiber Board For Lightweight Deck	2.02	
03 51 16 00-0010	SF	Gypsum Deck Formboard, 1-1/2" Mineral Fiber Board For Lightweight Deck	4.03	
03 51 16 00-0011	SF	Gypsum Deck Formboard, 1" Cementitious Fiber Board For Lightweight Deck	1.71	0.44
03 51 16 00-0012	SF	Gypsum Deck Formboard, 1-1/2" Cementitious Fiber Board For Lightweight Deck	2.06	0.44
03 51 16 00-0013	SF	Gypsum Deck Formboard, 1" Glass Fiber Board For Lightweight Deck	2.24	0.44
03 51 16 00-0014	SF	Gypsum Deck Formboard, 1-1/2" Glass Fiber Board For Lightweight Deck	2.76	0.44
03 51 16 00-0015		**Board Deck Supports For Formboard** *(03 51 16)*		
03 51 16 00-0016	SF	Gypsum Deck Formboard Supports, 5' Bulb Tee 40 LB/SF, Span	0.65	0.17
03 51 16 00-0017	SF	Gypsum Deck Formboard Supports, 8' Bulb Tee 40 LB/SF Span	1.09	0.25
03 51 16 00-0018		**Gypsum Plank** *(03 51 16)*		
03 51 16 00-0019	SF	Insulating Concrete Gypsum Plank, 2" Thick Roof Deck	2.73	
03 51 16 00-0020	SF	Insulating Concrete Gypsum Plank, 3" Thick Roof Deck	3.58	

03 52 Lightweight Concrete Roof Insulation *(03 50)*

03 52 16 Lightweight Insulating Concrete *(03 52)*

Note: Add costs for forming to all tasks below. See CSI section 03 11 00 00-0000 for forming.

03 52 16 00-0001		**Poured Deck** *(03 52 16)*		
03 52 16 00-0002		**Perlite Or Vermiculite** *(03 52 16 00-0001)*		
03 52 16 00-0003	CY	Insulating Roof Deck, Perlite, 1:6 Mix Field Mix, Also Vermiculite	216.93	
		For Smooth Trowel Finish, Add	*37.89*	
03 52 16 00-0004		**Lightweight Insulating Concrete Deck, Ready Mix 1 To 6 Mix** *(03 52 16 00-0001)*		
03 52 16 00-0005	SF	2" Insulating Roof Deck, Ready Mix, 1:6 Mix	2.24	
		For Smooth Trowel Finish, Add	*0.27*	
03 52 16 00-0006	SF	3" Insulating Roof Deck, Ready Mix, 1:6 Mix	3.21	
		For Smooth Trowel Finish, Add	*0.33*	
03 52 16 00-0007		**Lightweight Concrete Plank** *(03 52 16)*		
03 52 16 00-0008	SF	2" Thick Insulating Lightweight Concrete Plank Roof Deck	4.34	
		For >4 To 12 Pitch, Add	*0.30*	
		For >6 To 12 Pitch, Add	*1.77*	
03 52 16 00-0009	SF	2-1/2" Thick Insulating Lightweight Concrete Plank Roof Deck	5.05	
		For >4 To 12 Pitch, Add	*0.33*	
		For >6 To 12 Pitch, Add	*1.95*	
03 52 16 00-0010	SF	3" Thick Insulating Lightweight Concrete Plank Roof Deck	5.81	
		For >4 To 12 Pitch, Add	*0.35*	
		For >6 To 12 Pitch, Add	*2.10*	
03 52 16 00-0011	SF	3-1/2" Thick Insulating Lightweight Concrete Plank Roof Deck	6.10	
		For >4 To 12 Pitch, Add	*0.38*	
		For >6 To 12 Pitch, Add	*2.28*	
03 52 16 00-0012	SF	4" Thick Insulating Lightweight Concrete Plank Roof Deck	6.34	
		For >4 To 12 Pitch, Add	*0.40*	
		For >6 To 12 Pitch, Add	*2.39*	
03 52 16 00-0013		**Lightweight Channel Slab** *(03 52 16)*		
03 52 16 00-0014	SF	2-3/4" Thick Lightweight Channel Slab, Straight Insulating Concrete Roof Deck	4.85	
03 52 16 00-0015	SF	3-1/2" Thick Lightweight Channel Slab, Straight Insulating Concrete Roof Deck	5.17	
03 52 16 00-0016	SF	3-3/4" Thick Lightweight Channel Slab, Straight Insulating Concrete Roof Deck	5.27	
03 52 16 00-0017	SF	4-3/4" Thick Lightweight Channel Slab, Straight Insulating Concrete Roof Deck	5.46	
03 52 16 00-0018	SF	2-3/4" Thick Lightweight Channel Slab, Chopped Insulating Concrete Roof Deck	6.95	
03 52 16 00-0019	SF	3-1/2" Thick Lightweight Channel Slab, Chopped Insulating Concrete Roof Deck	7.03	
03 52 16 00-0020	SF	3-3/4" Thick Lightweight Channel Slab, Chopped Insulating Concrete Roof Deck	7.15	
03 52 16 00-0021	SF	4-3/4" Thick Lightweight Channel Slab, Chopped Insulating Concrete Roof Deck	7.27	

03 53 Concrete Topping *(03 50)*

Note: Installed over new or existing concrete.

03 53 00 00-0001		**Integral Topping Including Hard Trowel Finish** *(03 53)*		
		Note: Using 1:1:2 mix.		
03 53 00 00-0002	SF	3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	1.82	
03 53 00 00-0003	SF	1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.03	
03 53 00 00-0004	SF	3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.37	
03 53 00 00-0005	SF	1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.81	
03 53 00 00-0006	SF	2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.97	
03 53 00 00-0007	SF	2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.38	
03 53 00 00-0008	SF	3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.79	
03 53 00 00-0009		**Granolithic Topping Laid After** *(03 53)*		
		Note: Using 1:1:1-1/2 mix.		
03 53 00 00-0010	SF	1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	3.05	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 53 00 00-0011	SF	1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	3.29	
03 53 00 00-0012	SF	2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	4.13	

03 54 Cast Underlayment *(03 50)*

Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).

03 54 00 00-0001 Self Leveling Cementitious Underlayment For Floors *(03 54)*

Note: Includes primer.

03 54 00 00-0002	SF	1/8" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	1.57	
03 54 00 00-0003	SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	2.38	
03 54 00 00-0004	SF	1/2" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	4.02	
03 54 00 00-0005	SF	3/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	5.66	
03 54 00 00-0006	SF	1" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	7.30	
03 54 00 00-0007	SF	1- 1/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	9.48	
03 54 00 00-0008	SF	1- 1/2" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	10.58	
03 54 00 00-0009	SF	1- 3/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	13.85	

03 60 Grouting *(03)*

03 61 Cementitious Grouting *(03 60)*

Note: 1 part cement to 3 parts sand by volume.

03 61 16 Flowable Grout *(03 61)*

03 61 16 00-0001	CY	Flowable Grout	311.22	

03 62 Non-Shrink Grouting *(03 60)*

03 62 13 Non-Metallic Non-Shrink Grouting *(03 62)*

03 62 13 00-0001 Fluid Type, Nonmetallic *(03 62 13)*

03 62 13 00-0002	SF	1" Deep Fluid Type Nonmetal Grout, For Grouting Bases	17.93	
03 62 13 00-0003	SF	2" Deep Fluid Type Nonmetal Grout, For Grouting Bases	26.51	

03 62 13 00-0004 Nonshrink, Nonmetallic Grout *(03 62 13)*

03 62 13 00-0005	SF	1" Deep Nonshrink Nonmetallic Grout, For Grouting Bases	27.45	
03 62 13 00-0006	SF	2" Deep Nonshrink Nonmetallic Grout, For Grouting Bases	43.95	

03 62 13 00-0007 Nonshrink, Nonmetallic Grout For Joints *(03 62 13)*

03 62 13 00-0008 1/2" Joint Thickness *(03 62 13 00-0007)*

03 62 13 00-0009	LF	1/2" x 4" Wide Nonshrink Non Metallic Joint For Grouting Joints	1.47	
03 62 13 00-0010	LF	1/2" x 6" Wide Nonshrink Non Metallic Joint For Grouting Joints	1.91	
03 62 13 00-0011	LF	1/2" x 8" Wide Nonshrink Non Metallic Joint For Grouting Joints	2.54	

03 62 13 00-0012 1" Joint Thickness *(03 62 13 00-0007)*

03 62 13 00-0013	LF	1" x 4" Wide Nonshrink Non Metallic Joint For Grouting Joints	2.16	
03 62 13 00-0014	LF	1" x 6" Wide Nonshrink Non Metallic Joint For Grouting Joints	2.87	
03 62 13 00-0015	LF	1" x 8" Wide Nonshrink Non Metallic Joint For Grouting Joints	3.81	

03 62 16 Metallic Non-Shrink Grouting *(03 62)*

03 62 16 00-0001 Nonshrink, Metallic Grout *(03 62 16)*

03 62 16 00-0002	SF	1" Deep Nonshrink Metallic Grout, For Grouting Bases	23.28	
03 62 16 00-0003	SF	2" Deep Nonshrink Metallic Grout, For Grouting Bases	35.87	

03 62 16 00-0004 Nonshrink, Metallic Grout For Joints *(03 62 16)*

03 62 16 00-0005 1/2" Joint Thickness *(03 62 16 00-0004)*

03 62 16 00-0006	LF	1/2" x 4" Wide Nonshrink Metallic Joint For Grouting Joints	1.21	
03 62 16 00-0007	LF	1/2" x 6" Wide Nonshrink Metallic Joint For Grouting Joints	1.52	
03 62 16 00-0008	LF	1/2" x 8" Wide Nonshrink Metallic Joint For Grouting Joints	2.03	

03 62 16 00-0009 1" Joint Thickness *(03 62 16 00-0004)*

03 62 16 00-0010	LF	1" x 4" Wide Nonshrink Metallic Joint For Grouting Joints	1.65	
03 62 16 00-0011	LF	1" x 6" Wide Nonshrink Metallic Joint For Grouting Joints	2.08	
03 62 16 00-0012	LF	1" x 8" Wide Nonshrink Metallic Joint For Grouting Joints	2.78	

03 64 Injection Grouting *(03 60)*

Note: By volume of void filled. Includes injection ports.

03 64 23 Epoxy Injection Grouting *(03 64)*

03 64 23 00-0001	CF	Pressure Injected Epoxy Grout	761.68	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 64 26		**Injection Grouting** *(03 64)*		
03 64 26 00-0001	CF	Pressure Injected Cementitious Grout	109.76	

03 80 Concrete Cutting And Boring *(03)*

03 81 Concrete Cutting *(03 80)*

03 81 13 Flat Concrete Sawing *(03 81)*

See CSI section 02 41 19 13-0001 for saw cutting.

03 81 16 Track Mounted Concrete Wall Sawing *(03 81)*

See CSI section 02 41 19 13-0001 for saw cutting.

03 82 Concrete Boring *(03 80)*

03 82 13 Concrete Core Drilling *(03 82)*

See CSI section 02 41 19 13-0017 for core drilling.

END OF SECTION 03

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 Masonry

04 01 Maintenance Of Masonry *(04)*

04 01 20 Maintenance Of Unit Masonry *(04 01)*

Note: For use on existing brick. Includes clean-up of debris and disposal of waste.

04 01 20 41 Unit Masonry Stabilization *(04 01 20)*

04 01 20 41-0001 Unit Masonry Stabilization (Helifix®) *(04 01 20 41)*

04 01 20 41-0002 Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.

04 01 20 41-0003 304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

04 01 20 41-0004	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	21.03	
		For Up To 10, Add	*7.35*	
		For >10 To 50, Add	*3.68*	
04 01 20 41-0005	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	31.83	
		For Up To 10, Add	*7.35*	
		For >10 To 50, Add	*3.68*	
04 01 20 41-0006	EA	8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	43.56	
		For Up To 10, Add	*7.35*	
		For >10 To 50, Add	*3.68*	

04 01 20 41-0007 316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

04 01 20 41-0008	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	23.37	
		For Up To 10, Add	*7.35*	
		For >10 To 50, Add	*3.68*	
04 01 20 41-0009	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	35.99	
		For Up To 10, Add	*7.35*	
		For >10 To 50, Add	*3.68*	
04 01 20 41-0010	EA	8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	49.80	
		For Up To 10, Add	*7.35*	
		For >10 To 50, Add	*3.68*	

04 01 20 41-0011 Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.

04 01 20 41-0012 304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*

04 01 20 41-0013	EA	4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	51.64	
		For Up To 10, Add	*29.38*	
		For >10 To 50, Add	*14.69*	
04 01 20 41-0014	EA	4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	57.77	
		For Up To 10, Add	*29.38*	
		For >10 To 50, Add	*14.69*	
04 01 20 41-0015	EA	4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	200.17	
		For Up To 10, Add	*29.38*	
		For >10 To 50, Add	*14.69*	
04 01 20 41-0016	EA	6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	51.64	
		For Up To 10, Add	*29.38*	
		For >10 To 50, Add	*14.69*	
04 01 20 41-0017	EA	6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	57.77	
		For Up To 10, Add	*29.38*	
		For >10 To 50, Add	*14.69*	
04 01 20 41-0018	EA	6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	64.76	
		For Up To 10, Add	*29.38*	
		For >10 To 50, Add	*14.69*	
04 01 20 41-0019	EA	6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	77.88	
		For Up To 10, Add	*29.38*	
		For >10 To 50, Add	*14.69*	
04 01 20 41-0020	EA	6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	200.17	
		For Up To 10, Add	*29.38*	
		For >10 To 50, Add	*14.69*	

04 01 20 41-0021 316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*

04 01 20 41-0022	EA	4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	54.98	
		For Up To 10, Add	*29.38*	
		For >10 To 50, Add	*14.69*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0023	EA	4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	62.23	
		For Up To 10, Add	*29.38*	
		For >10 To 50, Add	*14.69*	
04 01 20 41-0024	EA	4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	228.01	
		For Up To 10, Add	*29.38*	
		For >10 To 50, Add	*14.69*	
04 01 20 41-0025	EA	6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	54.98	
		For Up To 10, Add	*29.38*	
		For >10 To 50, Add	*14.69*	
04 01 20 41-0026	EA	6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	62.23	
		For Up To 10, Add	*29.38*	
		For >10 To 50, Add	*14.69*	
04 01 20 41-0027	EA	6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	70.32	
		For Up To 10, Add	*29.38*	
		For >10 To 50, Add	*14.69*	
04 01 20 41-0028	EA	6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	85.68	
		For Up To 10, Add	*29.38*	
		For >10 To 50, Add	*14.69*	
04 01 20 41-0029	EA	6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	228.01	
		For Up To 10, Add	*29.38*	
		For >10 To 50, Add	*14.69*	

04 01 20 41-0030 Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.

04 01 20 41-0031 304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*

04 01 20 41-0032	EA	4-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.29	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0033	EA	5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.39	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0034	EA	6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.49	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0035	EA	7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.59	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0036	EA	8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.69	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0037	EA	9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.79	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0038	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.29	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0039	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.39	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0040	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.49	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0041	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.59	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0042	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.69	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0043	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	16.89	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0044	EA	4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	10.29	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0045	EA	6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	12.49	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0046	EA	8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	14.14	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	

04 01 20 41-0047 316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*

04 01 20 41-0048	EA	4-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.29	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0049	EA	5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.39	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0050	EA	6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.49	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0051	EA	7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.59	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0052	EA	8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.69	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0053	EA	9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.79	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0054	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.29	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0055	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.39	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0056	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.49	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0057	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.59	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0058	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.69	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0059	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	16.89	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0060	EA	4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	10.29	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0061	EA	6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	12.49	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0062	EA	8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	14.14	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	

04 01 20 41-0063 Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to concrete block, brick or solid concrete. Includes drilling and patching surface.

04 01 20 41-0064 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*

04 01 20 41-0065	EA	8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	7.70	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0066	EA	8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.10	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0067	EA	8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.17	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0068	EA	8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.34	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0069	EA	8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.63	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0070	EA	8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.87	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0071	EA	8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.99	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0072	EA	8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.14	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0073	EA	8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.85	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0074	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.95	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0075	EA	8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.79	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0076	EA	8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.51	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0077	EA	8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.12	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0078	EA	8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.28	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0079	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	16.20	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0080	EA	8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	18.75	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0081	EA	10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	7.84	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0082	EA	10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.26	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0083	EA	10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.65	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0084	EA	10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.99	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0085	EA	10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.21	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0086	EA	10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.36	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0087	EA	10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.62	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0088	EA	10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.73	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0089	EA	10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.22	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0090	EA	10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.93	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0091	EA	10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.53	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0092	EA	10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.28	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0093	EA	10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	16.32	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0094	EA	10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	18.59	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0095	EA	10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	22.11	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0096	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	8.76	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0097	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.02	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0098	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.18	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0099	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.30	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0100	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.65	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0101	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.21	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0102	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.42	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0103	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.98	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0104	EA	10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.42	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0105	EA	10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.90	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0106	EA	10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.24	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0107	EA	10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.46	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0108	EA	10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.62	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0109	EA	10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.98	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0110	EA	304 Stainless Steel, Seismic Connector (Helifix® DryFix®)	4.16	
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
		For Up To 10, Add	*2.20*	
		For >10 To 50, Add	*1.10*	

04 01 20 41-0111 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*

04 01 20 41-0112	EA	8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.33	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0113	EA	8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.82	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0114	EA	8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.92	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0115	EA	8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.12	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0116	EA	8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.48	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0117	EA	8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.78	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0118	EA	8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.93	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0119	EA	8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.13	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0120	EA	8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.86	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0121	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.99	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0122	EA	8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.05	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0123	EA	8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.94	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0124	EA	8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.71	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0125	EA	8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	16.40	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0126	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	18.59	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0127	EA	8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	21.78	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0128	EA	10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.58	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0129	EA	10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.07	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0130	EA	10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.55	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0131	EA	10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.98	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0132	EA	10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.26	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0133	EA	10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.44	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0134	EA	10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.76	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0135	EA	10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.89	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0136	EA	10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.48	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0137	EA	10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.28	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0138	EA	10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.01	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0139	EA	10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.95	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0140	EA	10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	19.01	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0141	EA	10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	21.43	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0142	EA	10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	25.83	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0143	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.76	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0144	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.04	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0145	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.24	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0146	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.39	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0147	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.83	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0148	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.53	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0149	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.76	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0150	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.45	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0151	EA	10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.47	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0152	EA	10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.08	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0153	EA	10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.51	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0154	EA	10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.78	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0155	EA	10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.97	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0156	EA	10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.42	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
		For Metal Stud Clip, Add	*2.33*	
04 01 20 41-0157	EA	316 Stainless Steel, Seismic Connector (Helifix® DryFix®) Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.	4.65	
		For Up To 10, Add	*2.20*	
		For >10 To 50, Add	*1.10*	

04 01 20 41-0158 Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.

04 01 20 41-0159 304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*

04 01 20 41-0160	EA	8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	6.17	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	
04 01 20 41-0161	EA	8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	6.22	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	

04 01 20 41-0162 316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*

04 01 20 41-0163	EA	8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	6.51	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0164	EA	8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	6.59	
		For Up To 10, Add	*4.41*	
		For >10 To 50, Add	*2.21*	

04 01 20 41-0165 Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0001)*
Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout.

04 01 20 41-0166 304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*

04 01 20 41-0167	EA	6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	39.38	
		For Up To 10, Add	*29.38*	
		For >10 To 50, Add	*14.69*	

04 01 20 41-0168 316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*

04 01 20 41-0169	EA	6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	40.92	
		For Up To 10, Add	*29.38*	
		For >10 To 50, Add	*14.69*	

04 01 20 51 Unit Masonry Maintenance *(04 01 20)*

04 01 20 51-0001 Grind Unit Masonry *(04 01 20 51)*

04 01 20 51-0002	SF	Grind Smooth Masonry Wall	2.68	

04 01 20 52 Unit Masonry Cleaning *(04 01 20)*

04 01 20 52-0001 Cleaning And Repointing Masonry *(04 01 20 52)*
Note: Includes mortar for pointing. Excludes removing mortar.

04 01 20 52-0002	SF	Clean And Repoint Brick Masonry	1.75	
04 01 20 52-0003	SF	Clean And Repoint Concrete Block Masonry	1.15	
04 01 20 52-0004	SF	Clean And Repoint Brick On Historic Buildings	2.27	

04 01 20 91 Unit Masonry Restoration *(04 01 20)*

04 01 20 91-0001 Cut And Repoint Masonry *(04 01 20 91)*
Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint.

04 01 20 91-0002	SF	Cut And Repoint Brick, Hard Intact Mortar, Running Bond	9.92	
		For Common Bond, Add	*0.28*	
		For Flemish Bond, Add	*0.96*	
		For English Bond, Add	*1.58*	
		For Oversized Or Larger Than Standard, Deduct	*-1.49*	
		For >250 To 1000, Deduct	*-0.34*	
		For >1000, Deduct	*-0.84*	
04 01 20 91-0003	SF	Cut And Repoint Brick, Soft, Loose Or Crumbling Mortar, Running Bond	7.53	
		For Common Bond, Add	*0.19*	
		For Flemish Bond, Add	*0.65*	
		For English Bond, Add	*1.07*	
		For Oversized Or Larger Than Standard, Deduct	*-1.13*	
		For >250 To 1000, Deduct	*-0.23*	
		For >1000, Deduct	*-0.61*	
04 01 20 91-0004	SF	Cut And Repoint Concrete Block, Hard Intact Mortar, Running Bond	6.03	
		For Common Bond, Add	*0.13*	
		For Oversized Or Larger Than Standard, Deduct	*-0.90*	
		For >250 To 1000, Deduct	*-0.17*	
		For >1000, Deduct	*-0.47*	
04 01 20 91-0005	SF	Cut And Repoint Concrete Block, Soft, Loose Or Crumbling Mortar, Running Bond	4.68	
		For Common Bond, Add	*0.09*	
		For Oversized Or Larger Than Standard, Deduct	*-0.70*	
		For >250 To 1000, Deduct	*-0.11*	
		For >1000, Deduct	*-0.35*	
04 01 20 91-0006	LF	Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area	2.21	

04 01 20 91-0007 Cut And Caulk Masonry *(04 01 20 91)*
Note: Remove existing mortar to 1/2" depth. Replace with caulk. Includes caulk, cutting, rinsing and cleaning joint.

04 01 20 91-0008	LF	Cut And Caulk Masonry, Butyl Caulks	4.28	
		For Vertical Expansion Joint Material, Add	*0.21*	
		For 3/4" Deep Cut, Add	*1.28*	
04 01 20 91-0009	LF	Cut And Caulk Masonry, Polysulfide Or Acrylic Caulks	5.31	
		For Vertical Expansion Joint Material, Add	*0.22*	
		For 3/4" Deep Cut, Add	*1.59*	
04 01 20 91-0010	LF	Cut And Caulk Masonry, Silicone Caulks	6.31	
		For Vertical Expansion Joint Material, Add	*0.26*	
		For 3/4" Deep Cut, Add	*1.89*	

04 01 20 91-0011 Repair Masonry *(04 01 20 91)*
Note: Includes mortar for repair.

04 01 20 91-0012	SF	Patch And Repair Terra Cotta Walls Or Coping, Including Replacement Of Damaged Material	12.29	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 91-0013	SF	Patch And Repair Terra Cotta Floors, Including Replacement Of Damaged Material	11.36	
04 01 20 91-0014	LF	Chip And Repair With Masonry Patch, Cracks Up To 1/4"	3.35	
04 01 20 91-0015	SF	Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade	5.51	
04 01 20 91-0016	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (SealBoss 1570)	22.94	
		For Cracks Accessible From Both Sides, Add	*4.64*	
04 01 20 91-0017	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52)	21.03	
		For Cracks Accessible From Both Sides, Add	*4.64*	
04 01 20 91-0018	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied Trowel (Sikadur® 52)	5.93	
		For V-Grooving Crack With Grinder, Add	*4.37*	
04 01 20 91-0019	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied With Trowel (Sikadur® 52)	7.88	
		For V-Grooving Crack With Grinder, Add	*4.14*	

04 01 40 Maintenance of Stone Assemblies *(04 01)*

04 01 40 52 Stone Cleaning *(04 01 40)*

04 01 40 52-0001 Cleaning And Pointing Stone *(04 01 40 52)*

04 01 40 52-0002	SF	Clean And Repoint Limestone On Historic Buildings	1.90	
04 01 40 52-0003	SF	Clean And Repoint Marble, Tile, Stone Or Granite	1.66	

04 01 40 91 Stone Restoration *(04 01 40)*

04 01 40 91-0001 Cut And Repoint *(04 01 40 91)*

04 01 40 91-0002	LF	Cut And Repoint Stone Work	4.36	

04 01 40 91-0003 Repair *(04 01 40 91)*

04 01 40 91-0004	SF	Repair Field Stone Walls, Including Remove Damaged Stones And Reset	28.10	
04 01 40 91-0005	SF	Repair Molded Stone	2.94	

04 01 40 91-0006 Clean And Patch Existing Stonework *(04 01 40 91)*

Note: Excludes cutting, drilling or anchor bolts if required.

04 01 40 91-0007	SF	Clean And Patch Existing Stonework	3.29	

04 01 40 91-0008 Removal Of Deteriorated Stone *(04 01 40 91)*

Note: Includes cutting of stone for removal.

04 01 40 91-0009	SF	Removal Of Deteriorated Stone Note: Does not include material for stone replacement	6.81	

04 01 50 Maintenance of Refractory Masonry *(04 01)*

04 01 50 52 Refractory Cleaning *(04 01 50)*

04 01 50 52-0001 Chimney Cleaning *(04 01 50 52)*

04 01 50 52-0002	LF	Up To 2 SF Cross Section Chimney Cleaning	5.31	
04 01 50 52-0003	LF	>2 To 4 SF Cross Section Chimney Cleaning	10.61	
04 01 50 52-0004	LF	>4 SF Cross Section Chimney Cleaning	15.92	

04 05 Common Work Results For Masonry *(04)*

04 05 13 Masonry Mortaring *(04 05)*

04 05 13 26 Engineered Masonry Mortaring *(04 05 13)*

Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.

04 05 13 26-0001 Masonry Cement Mortar *(04 05 13 26)*

Note: Ratio is bag material to sand.

04 05 13 26-0002	CF	Type M Masonry Cement 1:1:6 Mix	4.87	
04 05 13 26-0003	CF	Type N Masonry Cement 1:3 Mix	4.49	
04 05 13 26-0004	CF	Type O Masonry Cement 1:3 Mix	4.61	
04 05 13 26-0005	CF	Type PM Masonry Cement 1:1:6 Mix, 2500 PSI	5.05	
04 05 13 26-0006	CF	Type S Masonry Cement 1/2:1:4 Mix	5.33	

04 05 13 26-0007 Mortar Admixture *(04 05 13 26)*

04 05 13 26-0008	CF	Water - Repellent Stearate - Cost Based On CF Of Mortar	0.28	
04 05 13 26-0009	CF	Pozzolanic Plasticizers - Cost Based On CF Of Mortar	0.05	

04 05 13 26-0010 Color Admixtures For Mortar *(04 05 13 26)*

Note: Costs are based on CF of mortar.

04 05 13 26-0011	CF	Buff Colored Admixture	1.80	
04 05 13 26-0012	CF	Brown Colored Admixture	2.04	
04 05 13 26-0013	CF	Black Colored Admixture	2.53	
04 05 13 26-0014	CF	Red Colored Admixture	5.53	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 05 13 26-0015 Portland Cement *(04 05 13 26)*

04 05 13 26-0016	CF	Normal Portland Cement (Type I)	9.59
04 05 13 26-0017	CF	Modified Portland Cement (Type II)	4.78
04 05 13 26-0018	CF	High Early Strength (Type III)	5.08
04 05 13 26-0019	CF	White Non Staining Portland Cement (Type I)	10.63

04 05 16 Masonry Grouting *(04 05)*

04 05 16 26 Engineered Masonry Grouting *(04 05 16)*

Note: Does not include reinforcement.

04 05 16 26-0001 Bond Beams And Lintels, Concrete Fill *(04 05 16 26)*

Note: Excludes block.

04 05 16 26-0002	LF	Grout Beams And Lintels - 6" Block Concrete Fill Only, 0.1125 CF/LF, 8" Deep	3.15
04 05 16 26-0003	LF	Grout Beams And Lintels - 8" Block Concrete Fill Only, 0.20 CF/LF, 8" Deep	3.44
04 05 16 26-0004	LF	Grout Beams And Lintels - 10" Block Concrete Fill Only, 0.25 CF/LF, 8" Deep	3.84
04 05 16 26-0005	LF	Grout Beams And Lintels, 12" Block Concrete Fill Only, 0.30 CF/LF, 8" Deep	4.28

04 05 16 26-0006 Concrete Block Cores, Solid Filled *(04 05 16 26)*

Note: Per SF of face area filled.

04 05 16 26-0007	SF	Grout Concrete Block Cores- 4" Block Concrete Fill Block Solid (0.067 CF/SF)	2.47
04 05 16 26-0008	SF	Grout Concrete Block Cores- 6" Block Concrete Fill Block Solid (0.175 CF/SF)	3.57
04 05 16 26-0009	SF	Grout Concrete Block Cores- 8" Block Concrete Fill Block Solid (0.258 CF/SF)	5.11
04 05 16 26-0010	SF	Grout Concrete Block Cores- 10" Block Concrete Fill Block Solid (0.34 CF/SF)	6.27
04 05 16 26-0011	SF	Grout Concrete Block Cores- 12" Block Concrete Fill Block Solid (0.422 CF/SF)	7.40

04 05 16 26-0012 Cavity Walls *(04 05 16 26)*

Note: Per SF of face area filled.

04 05 16 26-0013	SF	Grout Cavity Walls - 2" Space Concrete Fill (0.167 CF/SF)	2.90
04 05 16 26-0014	SF	Grout Cavity Walls - 3" Space Concrete Fill (0.250 CF/SF)	4.08
04 05 16 26-0015	SF	Grout Cavity Walls - 4" Space Concrete Fill (0.333 CF/SF)	5.12
04 05 16 26-0016	SF	Grout Cavity Walls - 6" Space Concrete Fill (0.500 CF/SF)	6.94

04 05 16 26-0017 Grouting Frames *(04 05 16 26)*

04 05 16 26-0018	LF	Grout Door Frames - Grout Fill	4.57
04 05 16 26-0019	LF	Grout Window Frames - Grout Fill	3.91

04 05 16 26-0020 Sand Filled Walls *(04 05 16 26)*

04 05 16 26-0021 Cavity Walls Sand Fill Concrete Block *(04 05 16 26-0020)*

Note: Per SF of face area filled.

04 05 16 26-0022	SF	Sand Fill Cavity Walls - 2" Space (0.167 CF/SF)	2.44
04 05 16 26-0023	SF	Sand Fill Cavity Walls - 3" Space (0.250 CF/SF)	3.37
04 05 16 26-0024	SF	Sand Fill Cavity Walls - 4" Space (0.333 CF/SF)	4.15
04 05 16 26-0025	SF	Sand Fill Cavity Walls - 6" Space (0.500 CF/SF)	5.53

04 05 19 Masonry Anchorage And Reinforcing *(04 05)*

04 05 19 13 Continuous Joint Reinforcing *(04 05 19)*

Note: Includes cutting and bending.

04 05 19 13-0001 Continuous Joint Reinforcing *(04 05 19 13)*

04 05 19 13-0002 Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)*

04 05 19 13-0003 Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0004 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0005	CLF	#4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	35.64
		For Class 1 Mill Galvanized, Add	*1.37*
		For Class 2 Mill Galvanized, Add	*2.06*
		For Hot-Dipped Galvanized, Add	*3.43*
		For Stainless Steel, Add	*13.72*
		For Cavity Drip, Add	*0.50*
		For 3-Wire, Add	*8.75*
		For Double Side Rods, Add	*17.50*
04 05 19 13-0006	CLF	#6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	37.94
		For Class 1 Mill Galvanized, Add	*1.44*
		For Class 2 Mill Galvanized, Add	*2.16*
		For Hot-Dipped Galvanized, Add	*3.60*
		For Stainless Steel, Add	*14.40*
		For Cavity Drip, Add	*0.50*
		For 3-Wire, Add	*8.75*
		For Double Side Rods, Add	*17.50*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0007	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	41.13	
		For Class 1 Mill Galvanized, Add	*1.52*	
		For Class 2 Mill Galvanized, Add	*2.28*	
		For Hot-Dipped Galvanized, Add	*3.80*	
		For Stainless Steel, Add	*15.18*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0008	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	44.92	
		For Class 1 Mill Galvanized, Add	*1.61*	
		For Class 2 Mill Galvanized, Add	*2.41*	
		For Hot-Dipped Galvanized, Add	*4.02*	
		For Stainless Steel, Add	*16.06*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0009	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	49.45	
		For Class 1 Mill Galvanized, Add	*1.69*	
		For Class 2 Mill Galvanized, Add	*2.54*	
		For Hot-Dipped Galvanized, Add	*4.23*	
		For Stainless Steel, Add	*16.92*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0010	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	52.93	
		For Class 1 Mill Galvanized, Add	*1.73*	
		For Class 2 Mill Galvanized, Add	*2.60*	
		For Hot-Dipped Galvanized, Add	*4.34*	
		For Stainless Steel, Add	*17.34*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0011	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	55.38	
		For Class 1 Mill Galvanized, Add	*1.78*	
		For Class 2 Mill Galvanized, Add	*2.67*	
		For Hot-Dipped Galvanized, Add	*4.46*	
		For Stainless Steel, Add	*17.82*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0012	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	61.68	
		For Class 1 Mill Galvanized, Add	*2.45*	
		For Class 2 Mill Galvanized, Add	*3.68*	
		For Hot-Dipped Galvanized, Add	*6.13*	
		For Stainless Steel, Add	*24.50*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0013	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	71.32	
		For Class 1 Mill Galvanized, Add	*3.79*	
		For Class 2 Mill Galvanized, Add	*5.68*	
		For Hot-Dipped Galvanized, Add	*9.47*	
		For Stainless Steel, Add	*37.88*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	

04 05 19 13-0014 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0015	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	39.44	
		For Class 1 Mill Galvanized, Add	*2.13*	
		For Class 2 Mill Galvanized, Add	*3.20*	
		For Hot-Dipped Galvanized, Add	*5.33*	
		For Stainless Steel, Add	*21.32*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0016	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	41.79	
		For Class 1 Mill Galvanized, Add	*2.21*	
		For Class 2 Mill Galvanized, Add	*3.32*	
		For Hot-Dipped Galvanized, Add	*5.53*	
		For Stainless Steel, Add	*22.10*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0017	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	45.02	
		For Class 1 Mill Galvanized, Add	*2.30*	
		For Class 2 Mill Galvanized, Add	*3.44*	
		For Hot-Dipped Galvanized, Add	*5.74*	
		For Stainless Steel, Add	*22.96*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0018	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	48.77	
		For Class 1 Mill Galvanized, Add	*2.38*	
		For Class 2 Mill Galvanized, Add	*3.56*	
		For Hot-Dipped Galvanized, Add	*5.94*	
		For Stainless Steel, Add	*23.76*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0019	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	53.29	
		For Class 1 Mill Galvanized, Add	*2.46*	
		For Class 2 Mill Galvanized, Add	*3.69*	
		For Hot-Dipped Galvanized, Add	*6.15*	
		For Stainless Steel, Add	*24.60*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0020	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	56.78	
		For Class 1 Mill Galvanized, Add	*2.51*	
		For Class 2 Mill Galvanized, Add	*3.76*	
		For Hot-Dipped Galvanized, Add	*6.27*	
		For Stainless Steel, Add	*25.06*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0021	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	59.22	
		For Class 1 Mill Galvanized, Add	*2.55*	
		For Class 2 Mill Galvanized, Add	*3.82*	
		For Hot-Dipped Galvanized, Add	*6.37*	
		For Stainless Steel, Add	*25.48*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0022	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	66.74	
		For Class 1 Mill Galvanized, Add	*3.46*	
		For Class 2 Mill Galvanized, Add	*5.19*	
		For Hot-Dipped Galvanized, Add	*8.66*	
		For Stainless Steel, Add	*34.62*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0023	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	79.99	
		For Class 1 Mill Galvanized, Add	*5.52*	
		For Class 2 Mill Galvanized, Add	*8.29*	
		For Hot-Dipped Galvanized, Add	*13.81*	
		For Stainless Steel, Add	*55.24*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	

04 05 19 13-0024 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0025	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	43.12	
		For Class 1 Mill Galvanized, Add	*2.87*	
		For Class 2 Mill Galvanized, Add	*4.30*	
		For Hot-Dipped Galvanized, Add	*7.17*	
		For Stainless Steel, Add	*28.68*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0026	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	46.12	
		For Class 1 Mill Galvanized, Add	*3.03*	
		For Class 2 Mill Galvanized, Add	*4.54*	
		For Hot-Dipped Galvanized, Add	*7.57*	
		For Stainless Steel, Add	*30.26*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0027	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	49.13	
		For Class 1 Mill Galvanized, Add	*3.18*	
		For Class 2 Mill Galvanized, Add	*4.78*	
		For Hot-Dipped Galvanized, Add	*7.96*	
		For Stainless Steel, Add	*31.84*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0028	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	53.75	
		For Class 1 Mill Galvanized, Add	*3.37*	
		For Class 2 Mill Galvanized, Add	*5.06*	
		For Hot-Dipped Galvanized, Add	*8.43*	
		For Stainless Steel, Add	*33.72*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0029	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	58.38	
		For Class 1 Mill Galvanized, Add	*3.56*	
		For Class 2 Mill Galvanized, Add	*5.34*	
		For Hot-Dipped Galvanized, Add	*8.90*	
		For Stainless Steel, Add	*35.60*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0030	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	62.56	
		For Class 1 Mill Galvanized, Add	*3.66*	
		For Class 2 Mill Galvanized, Add	*5.49*	
		For Hot-Dipped Galvanized, Add	*9.15*	
		For Stainless Steel, Add	*36.60*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0031	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	64.84	
		For Class 1 Mill Galvanized, Add	*3.75*	
		For Class 2 Mill Galvanized, Add	*5.62*	
		For Hot-Dipped Galvanized, Add	*9.37*	
		For Stainless Steel, Add	*37.46*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0032	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	69.03	
		For Class 1 Mill Galvanized, Add	*3.92*	
		For Class 2 Mill Galvanized, Add	*5.88*	
		For Hot-Dipped Galvanized, Add	*9.80*	
		For Stainless Steel, Add	*39.18*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0033	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	84.94	
		For Class 1 Mill Galvanized, Add	*6.51*	
		For Class 2 Mill Galvanized, Add	*9.77*	
		For Hot-Dipped Galvanized, Add	*16.28*	
		For Stainless Steel, Add	*65.10*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	

04 05 19 13-0034 Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0035 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0034)*

04 05 19 13-0036	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	49.01	
		For Class 1 Mill Galvanized, Add	*2.33*	
		For Class 2 Mill Galvanized, Add	*3.50*	
		For Hot-Dipped Galvanized, Add	*5.83*	
		For Stainless Steel, Add	*23.32*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0037	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	54.23	
		For Class 1 Mill Galvanized, Add	*2.55*	
		For Class 2 Mill Galvanized, Add	*3.82*	
		For Hot-Dipped Galvanized, Add	*6.37*	
		For Stainless Steel, Add	*25.46*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0038	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	59.32	
		For Class 1 Mill Galvanized, Add	*2.73*	
		For Class 2 Mill Galvanized, Add	*4.10*	
		For Hot-Dipped Galvanized, Add	*6.84*	
		For Stainless Steel, Add	*27.34*	
		For Cavity Drip, Add	*0.50*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0039		CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	64.02	
			For Class 1 Mill Galvanized, Add	*2.84*	
			For Class 2 Mill Galvanized, Add	*4.27*	
			For Hot-Dipped Galvanized, Add	*7.11*	
			For Stainless Steel, Add	*28.44*	
			For Cavity Drip, Add	*0.50*	
04 05 19 13-0040		CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	66.60	
			For Class 1 Mill Galvanized, Add	*2.94*	
			For Class 2 Mill Galvanized, Add	*4.42*	
			For Hot-Dipped Galvanized, Add	*7.36*	
			For Stainless Steel, Add	*29.44*	
			For Cavity Drip, Add	*0.50*	
04 05 19 13-0041		CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	71.45	
			For Class 1 Mill Galvanized, Add	*3.17*	
			For Class 2 Mill Galvanized, Add	*4.75*	
			For Hot-Dipped Galvanized, Add	*7.92*	
			For Stainless Steel, Add	*31.68*	
			For Cavity Drip, Add	*0.50*	
04 05 19 13-0042		CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	75.70	
			For Class 1 Mill Galvanized, Add	*3.35*	
			For Class 2 Mill Galvanized, Add	*5.03*	
			For Hot-Dipped Galvanized, Add	*8.39*	
			For Stainless Steel, Add	*33.54*	
			For Cavity Drip, Add	*0.50*	

04 05 19 13-0043 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0034)*

04 05 19 13-0044		CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	53.74	
			For Class 1 Mill Galvanized, Add	*3.28*	
			For Class 2 Mill Galvanized, Add	*4.92*	
			For Hot-Dipped Galvanized, Add	*8.20*	
			For Stainless Steel, Add	*32.78*	
			For Cavity Drip, Add	*0.50*	
04 05 19 13-0045		CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	58.97	
			For Class 1 Mill Galvanized, Add	*3.49*	
			For Class 2 Mill Galvanized, Add	*5.24*	
			For Hot-Dipped Galvanized, Add	*8.74*	
			For Stainless Steel, Add	*34.94*	
			For Cavity Drip, Add	*0.50*	
04 05 19 13-0046		CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	64.01	
			For Class 1 Mill Galvanized, Add	*3.67*	
			For Class 2 Mill Galvanized, Add	*5.51*	
			For Hot-Dipped Galvanized, Add	*9.18*	
			For Stainless Steel, Add	*36.72*	
			For Cavity Drip, Add	*0.50*	
04 05 19 13-0047		CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	68.76	
			For Class 1 Mill Galvanized, Add	*3.79*	
			For Class 2 Mill Galvanized, Add	*5.69*	
			For Hot-Dipped Galvanized, Add	*9.48*	
			For Stainless Steel, Add	*37.92*	
			For Cavity Drip, Add	*0.50*	
04 05 19 13-0048		CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	71.34	
			For Class 1 Mill Galvanized, Add	*3.89*	
			For Class 2 Mill Galvanized, Add	*5.84*	
			For Hot-Dipped Galvanized, Add	*9.73*	
			For Stainless Steel, Add	*38.92*	
			For Cavity Drip, Add	*0.50*	
04 05 19 13-0049		CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	76.19	
			For Class 1 Mill Galvanized, Add	*4.12*	
			For Class 2 Mill Galvanized, Add	*6.17*	
			For Hot-Dipped Galvanized, Add	*10.29*	
			For Stainless Steel, Add	*41.16*	
			For Cavity Drip, Add	*0.50*	
04 05 19 13-0050		CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	80.50	
			For Class 1 Mill Galvanized, Add	*4.31*	
			For Class 2 Mill Galvanized, Add	*6.47*	
			For Hot-Dipped Galvanized, Add	*10.79*	
			For Stainless Steel, Add	*43.14*	
			For Cavity Drip, Add	*0.50*	

04 05 19 13-0051 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0034)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0052	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	56.04	
		For Class 1 Mill Galvanized, Add	*3.74*	
		For Class 2 Mill Galvanized, Add	*5.61*	
		For Hot-Dipped Galvanized, Add	*9.35*	
		For Stainless Steel, Add	*37.38*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0053	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	61.82	
		For Class 1 Mill Galvanized, Add	*4.06*	
		For Class 2 Mill Galvanized, Add	*6.10*	
		For Hot-Dipped Galvanized, Add	*10.16*	
		For Stainless Steel, Add	*40.64*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0054	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	67.56	
		For Class 1 Mill Galvanized, Add	*4.38*	
		For Class 2 Mill Galvanized, Add	*6.57*	
		For Hot-Dipped Galvanized, Add	*10.96*	
		For Stainless Steel, Add	*43.82*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0055	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	72.56	
		For Class 1 Mill Galvanized, Add	*4.55*	
		For Class 2 Mill Galvanized, Add	*6.83*	
		For Hot-Dipped Galvanized, Add	*11.38*	
		For Stainless Steel, Add	*45.52*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0056	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	75.42	
		For Class 1 Mill Galvanized, Add	*4.71*	
		For Class 2 Mill Galvanized, Add	*7.06*	
		For Hot-Dipped Galvanized, Add	*11.77*	
		For Stainless Steel, Add	*47.08*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0057	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	80.81	
		For Class 1 Mill Galvanized, Add	*5.04*	
		For Class 2 Mill Galvanized, Add	*7.56*	
		For Hot-Dipped Galvanized, Add	*12.60*	
		For Stainless Steel, Add	*50.40*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0058	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	85.76	
		For Class 1 Mill Galvanized, Add	*5.37*	
		For Class 2 Mill Galvanized, Add	*8.05*	
		For Hot-Dipped Galvanized, Add	*13.42*	
		For Stainless Steel, Add	*53.66*	
		For Cavity Drip, Add	*0.50*	

04 05 19 13-0059 Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0060 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0059)*

04 05 19 13-0061	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	61.75	
		For Class 1 Mill Galvanized, Add	*4.88*	
		For Class 2 Mill Galvanized, Add	*7.32*	
		For Hot-Dipped Galvanized, Add	*12.20*	
		For Stainless Steel, Add	*48.80*	
04 05 19 13-0062	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	66.65	
		For Class 1 Mill Galvanized, Add	*5.03*	
		For Class 2 Mill Galvanized, Add	*7.55*	
		For Hot-Dipped Galvanized, Add	*12.58*	
		For Stainless Steel, Add	*50.30*	
04 05 19 13-0063	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	71.55	
		For Class 1 Mill Galvanized, Add	*5.18*	
		For Class 2 Mill Galvanized, Add	*7.77*	
		For Hot-Dipped Galvanized, Add	*12.95*	
		For Stainless Steel, Add	*51.80*	
04 05 19 13-0064	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	78.62	
		For Class 1 Mill Galvanized, Add	*5.35*	
		For Class 2 Mill Galvanized, Add	*8.02*	
		For Hot-Dipped Galvanized, Add	*13.37*	
		For Stainless Steel, Add	*53.48*	
04 05 19 13-0065	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	83.19	
		For Class 1 Mill Galvanized, Add	*5.52*	
		For Class 2 Mill Galvanized, Add	*8.27*	
		For Hot-Dipped Galvanized, Add	*13.79*	
		For Stainless Steel, Add	*55.16*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0066	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	87.79	
		For Class 1 Mill Galvanized, Add	*5.77*	
		For Class 2 Mill Galvanized, Add	*8.66*	
		For Hot-Dipped Galvanized, Add	*14.43*	
		For Stainless Steel, Add	*57.72*	

04 05 19 13-0067 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0059)*

04 05 19 13-0068	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	69.18	
		For Class 1 Mill Galvanized, Add	*6.37*	
		For Class 2 Mill Galvanized, Add	*9.55*	
		For Hot-Dipped Galvanized, Add	*15.92*	
		For Stainless Steel, Add	*63.66*	
04 05 19 13-0069	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	74.08	
		For Class 1 Mill Galvanized, Add	*6.52*	
		For Class 2 Mill Galvanized, Add	*9.77*	
		For Hot-Dipped Galvanized, Add	*16.29*	
		For Stainless Steel, Add	*65.16*	
04 05 19 13-0070	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	79.08	
		For Class 1 Mill Galvanized, Add	*6.69*	
		For Class 2 Mill Galvanized, Add	*10.03*	
		For Hot-Dipped Galvanized, Add	*16.72*	
		For Stainless Steel, Add	*66.86*	
04 05 19 13-0071	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	86.06	
		For Class 1 Mill Galvanized, Add	*6.84*	
		For Class 2 Mill Galvanized, Add	*10.25*	
		For Hot-Dipped Galvanized, Add	*17.09*	
		For Stainless Steel, Add	*68.36*	
04 05 19 13-0072	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	90.64	
		For Class 1 Mill Galvanized, Add	*7.01*	
		For Class 2 Mill Galvanized, Add	*10.51*	
		For Hot-Dipped Galvanized, Add	*17.52*	
		For Stainless Steel, Add	*70.06*	
04 05 19 13-0073	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	94.81	
		For Class 1 Mill Galvanized, Add	*7.18*	
		For Class 2 Mill Galvanized, Add	*10.76*	
		For Hot-Dipped Galvanized, Add	*17.94*	
		For Stainless Steel, Add	*71.76*	

04 05 19 13-0074 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0059)*

04 05 19 13-0075	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	69.72	
		For Class 1 Mill Galvanized, Add	*6.47*	
		For Class 2 Mill Galvanized, Add	*9.71*	
		For Hot-Dipped Galvanized, Add	*16.19*	
		For Stainless Steel, Add	*64.74*	
04 05 19 13-0076	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	75.04	
		For Class 1 Mill Galvanized, Add	*6.71*	
		For Class 2 Mill Galvanized, Add	*10.06*	
		For Hot-Dipped Galvanized, Add	*16.77*	
		For Stainless Steel, Add	*67.08*	
04 05 19 13-0077	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	80.34	
		For Class 1 Mill Galvanized, Add	*6.94*	
		For Class 2 Mill Galvanized, Add	*10.41*	
		For Hot-Dipped Galvanized, Add	*17.35*	
		For Stainless Steel, Add	*69.38*	
04 05 19 13-0078	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	87.97	
		For Class 1 Mill Galvanized, Add	*7.22*	
		For Class 2 Mill Galvanized, Add	*10.83*	
		For Hot-Dipped Galvanized, Add	*18.05*	
		For Stainless Steel, Add	*72.18*	
04 05 19 13-0079	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	93.08	
		For Class 1 Mill Galvanized, Add	*7.49*	
		For Class 2 Mill Galvanized, Add	*11.24*	
		For Hot-Dipped Galvanized, Add	*18.74*	
		For Stainless Steel, Add	*74.94*	
04 05 19 13-0080	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	97.78	
		For Class 1 Mill Galvanized, Add	*7.77*	
		For Class 2 Mill Galvanized, Add	*11.66*	
		For Hot-Dipped Galvanized, Add	*19.43*	
		For Stainless Steel, Add	*77.70*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0081			Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*		
04 05 19 13-0082			9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0081)*		
04 05 19 13-0083		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	67.29	
			For Class 1 Mill Galvanized, Add	*5.16*	
			For Class 2 Mill Galvanized, Add	*7.74*	
			For Hot-Dipped Galvanized, Add	*12.90*	
			For Stainless Steel, Add	*51.58*	
04 05 19 13-0084		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	72.17	
			For Class 1 Mill Galvanized, Add	*5.30*	
			For Class 2 Mill Galvanized, Add	*7.96*	
			For Hot-Dipped Galvanized, Add	*13.26*	
			For Stainless Steel, Add	*53.04*	
04 05 19 13-0085		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	79.14	
			For Class 1 Mill Galvanized, Add	*5.45*	
			For Class 2 Mill Galvanized, Add	*8.18*	
			For Hot-Dipped Galvanized, Add	*13.63*	
			For Stainless Steel, Add	*54.52*	
04 05 19 13-0086		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	83.74	
			For Class 1 Mill Galvanized, Add	*5.63*	
			For Class 2 Mill Galvanized, Add	*8.44*	
			For Hot-Dipped Galvanized, Add	*14.07*	
			For Stainless Steel, Add	*56.26*	
04 05 19 13-0087		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	87.90	
			For Class 1 Mill Galvanized, Add	*5.79*	
			For Class 2 Mill Galvanized, Add	*8.69*	
			For Hot-Dipped Galvanized, Add	*14.49*	
			For Stainless Steel, Add	*57.94*	
04 05 19 13-0088		CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	91.90	
			For Class 1 Mill Galvanized, Add	*6.13*	
			For Class 2 Mill Galvanized, Add	*9.20*	
			For Hot-Dipped Galvanized, Add	*15.33*	
			For Stainless Steel, Add	*61.32*	
04 05 19 13-0089			3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0081)*		
04 05 19 13-0090		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	74.72	
			For Class 1 Mill Galvanized, Add	*6.64*	
			For Class 2 Mill Galvanized, Add	*9.97*	
			For Hot-Dipped Galvanized, Add	*16.61*	
			For Stainless Steel, Add	*66.44*	
04 05 19 13-0091		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	79.62	
			For Class 1 Mill Galvanized, Add	*6.79*	
			For Class 2 Mill Galvanized, Add	*10.19*	
			For Hot-Dipped Galvanized, Add	*16.99*	
			For Stainless Steel, Add	*67.94*	
04 05 19 13-0092		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	86.69	
			For Class 1 Mill Galvanized, Add	*6.96*	
			For Class 2 Mill Galvanized, Add	*10.44*	
			For Hot-Dipped Galvanized, Add	*17.41*	
			For Stainless Steel, Add	*69.62*	
04 05 19 13-0093		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	91.16	
			For Class 1 Mill Galvanized, Add	*7.11*	
			For Class 2 Mill Galvanized, Add	*10.67*	
			For Hot-Dipped Galvanized, Add	*17.78*	
			For Stainless Steel, Add	*71.10*	
04 05 19 13-0094		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	95.33	
			For Class 1 Mill Galvanized, Add	*7.28*	
			For Class 2 Mill Galvanized, Add	*10.92*	
			For Hot-Dipped Galvanized, Add	*18.20*	
			For Stainless Steel, Add	*72.80*	
04 05 19 13-0095		CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	99.43	
			For Class 1 Mill Galvanized, Add	*7.64*	
			For Class 2 Mill Galvanized, Add	*11.46*	
			For Hot-Dipped Galvanized, Add	*19.10*	
			For Stainless Steel, Add	*76.38*	
04 05 19 13-0096			3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0081)*		

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0097	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		75.25	
		For Class 1 Mill Galvanized, Add		*6.75*	
		For Class 2 Mill Galvanized, Add		*10.13*	
		For Hot-Dipped Galvanized, Add		*16.88*	
		For Stainless Steel, Add		*67.50*	
04 05 19 13-0098	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		80.56	
		For Class 1 Mill Galvanized, Add		*6.98*	
		For Class 2 Mill Galvanized, Add		*10.47*	
		For Hot-Dipped Galvanized, Add		*17.46*	
		For Stainless Steel, Add		*69.82*	
04 05 19 13-0099	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		87.97	
		For Class 1 Mill Galvanized, Add		*7.22*	
		For Class 2 Mill Galvanized, Add		*10.83*	
		For Hot-Dipped Galvanized, Add		*18.05*	
		For Stainless Steel, Add		*72.18*	
04 05 19 13-0100	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		93.08	
		For Class 1 Mill Galvanized, Add		*7.49*	
		For Class 2 Mill Galvanized, Add		*11.24*	
		For Hot-Dipped Galvanized, Add		*18.74*	
		For Stainless Steel, Add		*74.94*	
04 05 19 13-0101	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		97.78	
		For Class 1 Mill Galvanized, Add		*7.77*	
		For Class 2 Mill Galvanized, Add		*11.66*	
		For Hot-Dipped Galvanized, Add		*19.43*	
		For Stainless Steel, Add		*77.70*	
04 05 19 13-0102	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		102.06	
		For Class 1 Mill Galvanized, Add		*8.16*	
		For Class 2 Mill Galvanized, Add		*12.25*	
		For Hot-Dipped Galvanized, Add		*20.41*	
		For Stainless Steel, Add		*81.64*	

04 05 19 13-0103 Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0104 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0103)*

04 05 19 13-0105	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		64.84	
		For Class 1 Mill Galvanized, Add		*4.67*	
		For Class 2 Mill Galvanized, Add		*7.00*	
		For Hot-Dipped Galvanized, Add		*11.67*	
		For Stainless Steel, Add		*46.68*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0106	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		69.60	
		For Class 1 Mill Galvanized, Add		*4.79*	
		For Class 2 Mill Galvanized, Add		*7.19*	
		For Hot-Dipped Galvanized, Add		*11.98*	
		For Stainless Steel, Add		*47.90*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0107	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		76.48	
		For Class 1 Mill Galvanized, Add		*4.92*	
		For Class 2 Mill Galvanized, Add		*7.38*	
		For Hot-Dipped Galvanized, Add		*12.30*	
		For Stainless Steel, Add		*49.20*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0108	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		80.90	
		For Class 1 Mill Galvanized, Add		*5.06*	
		For Class 2 Mill Galvanized, Add		*7.59*	
		For Hot-Dipped Galvanized, Add		*12.65*	
		For Stainless Steel, Add		*50.58*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0109	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		84.95	
		For Class 1 Mill Galvanized, Add		*5.20*	
		For Class 2 Mill Galvanized, Add		*7.81*	
		For Hot-Dipped Galvanized, Add		*13.01*	
		For Stainless Steel, Add		*52.04*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0110	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		87.91	
		For Class 1 Mill Galvanized, Add		*5.33*	
		For Class 2 Mill Galvanized, Add		*8.00*	
		For Hot-Dipped Galvanized, Add		*13.34*	
		For Stainless Steel, Add		*53.34*	
		For Seismic Hook And Eye, Add		*27.50*	

04 05 19 13-0111 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0103)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0112	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	71.81	
		For Class 1 Mill Galvanized, Add	*6.06*	
		For Class 2 Mill Galvanized, Add	*9.09*	
		For Hot-Dipped Galvanized, Add	*15.16*	
		For Stainless Steel, Add	*60.62*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0113	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	76.44	
		For Class 1 Mill Galvanized, Add	*6.16*	
		For Class 2 Mill Galvanized, Add	*9.24*	
		For Hot-Dipped Galvanized, Add	*15.40*	
		For Stainless Steel, Add	*61.58*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0114	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	83.34	
		For Class 1 Mill Galvanized, Add	*6.29*	
		For Class 2 Mill Galvanized, Add	*9.44*	
		For Hot-Dipped Galvanized, Add	*15.73*	
		For Stainless Steel, Add	*62.92*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0115	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	87.72	
		For Class 1 Mill Galvanized, Add	*6.42*	
		For Class 2 Mill Galvanized, Add	*9.63*	
		For Hot-Dipped Galvanized, Add	*16.06*	
		For Stainless Steel, Add	*64.22*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0116	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	91.69	
		For Class 1 Mill Galvanized, Add	*6.55*	
		For Class 2 Mill Galvanized, Add	*9.83*	
		For Hot-Dipped Galvanized, Add	*16.38*	
		For Stainless Steel, Add	*65.52*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0117	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	95.41	
		For Class 1 Mill Galvanized, Add	*6.83*	
		For Class 2 Mill Galvanized, Add	*10.25*	
		For Hot-Dipped Galvanized, Add	*17.09*	
		For Stainless Steel, Add	*68.34*	
		For Seismic Hook And Eye, Add	*27.50*	

04 05 19 13-0118 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0103)*

04 05 19 13-0119	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	72.33	
		For Class 1 Mill Galvanized, Add	*6.17*	
		For Class 2 Mill Galvanized, Add	*9.25*	
		For Hot-Dipped Galvanized, Add	*15.42*	
		For Stainless Steel, Add	*61.66*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0120	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	77.59	
		For Class 1 Mill Galvanized, Add	*6.39*	
		For Class 2 Mill Galvanized, Add	*9.58*	
		For Hot-Dipped Galvanized, Add	*15.97*	
		For Stainless Steel, Add	*63.88*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0121	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	84.92	
		For Class 1 Mill Galvanized, Add	*6.61*	
		For Class 2 Mill Galvanized, Add	*9.91*	
		For Hot-Dipped Galvanized, Add	*16.52*	
		For Stainless Steel, Add	*66.08*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0122	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	89.98	
		For Class 1 Mill Galvanized, Add	*6.87*	
		For Class 2 Mill Galvanized, Add	*10.31*	
		For Hot-Dipped Galvanized, Add	*17.19*	
		For Stainless Steel, Add	*68.74*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0123	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	94.62	
		For Class 1 Mill Galvanized, Add	*7.14*	
		For Class 2 Mill Galvanized, Add	*10.71*	
		For Hot-Dipped Galvanized, Add	*17.85*	
		For Stainless Steel, Add	*71.38*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0124	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	98.24	
		For Class 1 Mill Galvanized, Add	*7.40*	
		For Class 2 Mill Galvanized, Add	*11.10*	
		For Hot-Dipped Galvanized, Add	*18.50*	
		For Stainless Steel, Add	*74.00*	
		For Seismic Hook And Eye, Add	*27.50*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0125		Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*			
04 05 19 13-0126		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0125)*			
04 05 19 13-0127	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement		70.38	
		For Class 1 Mill Galvanized, Add		*4.95*	
		For Class 2 Mill Galvanized, Add		*7.42*	
		For Hot-Dipped Galvanized, Add		*12.37*	
		For Stainless Steel, Add		*49.46*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0128	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement		77.21	
		For Class 1 Mill Galvanized, Add		*5.07*	
		For Class 2 Mill Galvanized, Add		*7.60*	
		For Hot-Dipped Galvanized, Add		*12.67*	
		For Stainless Steel, Add		*50.66*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0129	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement		81.53	
		For Class 1 Mill Galvanized, Add		*5.18*	
		For Class 2 Mill Galvanized, Add		*7.78*	
		For Hot-Dipped Galvanized, Add		*12.96*	
		For Stainless Steel, Add		*51.84*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0130	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement		85.62	
		For Class 1 Mill Galvanized, Add		*5.34*	
		For Class 2 Mill Galvanized, Add		*8.01*	
		For Hot-Dipped Galvanized, Add		*13.35*	
		For Stainless Steel, Add		*53.38*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0131	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement		88.62	
		For Class 1 Mill Galvanized, Add		*5.48*	
		For Class 2 Mill Galvanized, Add		*8.21*	
		For Hot-Dipped Galvanized, Add		*13.69*	
		For Stainless Steel, Add		*54.76*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0132		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0125)*			
04 05 19 13-0133	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement		77.10	
		For Class 1 Mill Galvanized, Add		*6.29*	
		For Class 2 Mill Galvanized, Add		*9.44*	
		For Hot-Dipped Galvanized, Add		*15.73*	
		For Stainless Steel, Add		*62.90*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0134	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement		83.98	
		For Class 1 Mill Galvanized, Add		*6.42*	
		For Class 2 Mill Galvanized, Add		*9.63*	
		For Hot-Dipped Galvanized, Add		*16.05*	
		For Stainless Steel, Add		*64.20*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0135	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement		88.40	
		For Class 1 Mill Galvanized, Add		*6.56*	
		For Class 2 Mill Galvanized, Add		*9.84*	
		For Hot-Dipped Galvanized, Add		*16.40*	
		For Stainless Steel, Add		*65.58*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0136	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement		92.28	
		For Class 1 Mill Galvanized, Add		*6.67*	
		For Class 2 Mill Galvanized, Add		*10.01*	
		For Hot-Dipped Galvanized, Add		*16.68*	
		For Stainless Steel, Add		*66.70*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0137	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement		95.34	
		For Class 1 Mill Galvanized, Add		*6.82*	
		For Class 2 Mill Galvanized, Add		*10.23*	
		For Hot-Dipped Galvanized, Add		*17.05*	
		For Stainless Steel, Add		*68.20*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0138		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0125)*			

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0139		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	77.79	
			For Class 1 Mill Galvanized, Add	*6.43*	
			For Class 2 Mill Galvanized, Add	*9.64*	
			For Hot-Dipped Galvanized, Add	*16.07*	
			For Stainless Steel, Add	*64.28*	
			For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0140		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	85.13	
			For Class 1 Mill Galvanized, Add	*6.65*	
			For Class 2 Mill Galvanized, Add	*9.98*	
			For Hot-Dipped Galvanized, Add	*16.63*	
			For Stainless Steel, Add	*66.50*	
			For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0141		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	89.98	
			For Class 1 Mill Galvanized, Add	*6.87*	
			For Class 2 Mill Galvanized, Add	*10.31*	
			For Hot-Dipped Galvanized, Add	*17.19*	
			For Stainless Steel, Add	*68.74*	
			For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0142		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	94.62	
			For Class 1 Mill Galvanized, Add	*7.14*	
			For Class 2 Mill Galvanized, Add	*10.71*	
			For Hot-Dipped Galvanized, Add	*17.85*	
			For Stainless Steel, Add	*71.38*	
			For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0143		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	98.24	
			For Class 1 Mill Galvanized, Add	*7.40*	
			For Class 2 Mill Galvanized, Add	*11.10*	
			For Hot-Dipped Galvanized, Add	*18.50*	
			For Stainless Steel, Add	*74.00*	
			For Seismic Hook And Eye, Add	*27.50*	

04 05 19 13-0144 Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)*

04 05 19 13-0145 Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0144)*

04 05 19 13-0146 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0145)*

04 05 19 13-0147		CLF	#4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	38.50	
			For Class 1 Mill Galvanized, Add	*1.94*	
			For Class 2 Mill Galvanized, Add	*2.92*	
			For Hot-Dipped Galvanized, Add	*4.86*	
			For Stainless Steel, Add	*19.44*	
			For Cavity Drip, Add	*0.50*	
			For 3-Wire, Add	*8.75*	
			For Double Side Rods, Add	*17.50*	
04 05 19 13-0148		CLF	#6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	40.57	
			For Class 1 Mill Galvanized, Add	*1.97*	
			For Class 2 Mill Galvanized, Add	*2.95*	
			For Hot-Dipped Galvanized, Add	*4.92*	
			For Stainless Steel, Add	*19.66*	
			For Cavity Drip, Add	*0.50*	
			For 3-Wire, Add	*8.75*	
			For Double Side Rods, Add	*17.50*	
04 05 19 13-0149		CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	43.76	
			For Class 1 Mill Galvanized, Add	*2.04*	
			For Class 2 Mill Galvanized, Add	*3.07*	
			For Hot-Dipped Galvanized, Add	*5.11*	
			For Stainless Steel, Add	*20.44*	
			For Cavity Drip, Add	*0.50*	
			For 3-Wire, Add	*8.75*	
			For Double Side Rods, Add	*17.50*	
04 05 19 13-0150		CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	47.61	
			For Class 1 Mill Galvanized, Add	*2.14*	
			For Class 2 Mill Galvanized, Add	*3.22*	
			For Hot-Dipped Galvanized, Add	*5.36*	
			For Stainless Steel, Add	*21.44*	
			For Cavity Drip, Add	*0.50*	
			For 3-Wire, Add	*8.75*	
			For Double Side Rods, Add	*17.50*	
04 05 19 13-0151		CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	52.28	
			For Class 1 Mill Galvanized, Add	*2.26*	
			For Class 2 Mill Galvanized, Add	*3.39*	
			For Hot-Dipped Galvanized, Add	*5.65*	
			For Stainless Steel, Add	*22.58*	
			For Cavity Drip, Add	*0.50*	
			For 3-Wire, Add	*8.75*	
			For Double Side Rods, Add	*17.50*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0152	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		55.85	
		For Class 1 Mill Galvanized, Add		*2.32*	
		For Class 2 Mill Galvanized, Add		*3.48*	
		For Hot-Dipped Galvanized, Add		*5.80*	
		For Stainless Steel, Add		*23.18*	
		For Cavity Drip, Add		*0.50*	
		For 3-Wire, Add		*8.75*	
		For Double Side Rods, Add		*17.50*	
04 05 19 13-0153	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		58.14	
		For Class 1 Mill Galvanized, Add		*2.41*	
		For Class 2 Mill Galvanized, Add		*3.61*	
		For Hot-Dipped Galvanized, Add		*6.02*	
		For Stainless Steel, Add		*24.06*	
		For Cavity Drip, Add		*0.50*	
		For 3-Wire, Add		*8.75*	
		For Double Side Rods, Add		*17.50*	
04 05 19 13-0154	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		66.33	
		For Class 1 Mill Galvanized, Add		*3.38*	
		For Class 2 Mill Galvanized, Add		*5.07*	
		For Hot-Dipped Galvanized, Add		*8.45*	
		For Stainless Steel, Add		*33.80*	
		For Cavity Drip, Add		*0.50*	
		For 3-Wire, Add		*8.75*	
		For Double Side Rods, Add		*17.50*	
04 05 19 13-0155	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		70.24	
		For Class 1 Mill Galvanized, Add		*3.57*	
		For Class 2 Mill Galvanized, Add		*5.36*	
		For Hot-Dipped Galvanized, Add		*8.94*	
		For Stainless Steel, Add		*35.74*	
		For Cavity Drip, Add		*0.50*	
		For 3-Wire, Add		*8.75*	
		For Double Side Rods, Add		*17.50*	
04 05 19 13-0156	CLF	#20 (For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		86.99	
		For Class 1 Mill Galvanized, Add		*6.18*	
		For Class 2 Mill Galvanized, Add		*9.27*	
		For Hot-Dipped Galvanized, Add		*15.46*	
		For Stainless Steel, Add		*61.82*	
		For Cavity Drip, Add		*0.50*	
		For 3-Wire, Add		*8.75*	
		For Double Side Rods, Add		*17.50*	

04 05 19 13-0157 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0145)*

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0158	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		42.26	
		For Class 1 Mill Galvanized, Add		*2.70*	
		For Class 2 Mill Galvanized, Add		*4.04*	
		For Hot-Dipped Galvanized, Add		*6.74*	
		For Stainless Steel, Add		*26.96*	
		For Cavity Drip, Add		*0.50*	
		For 3-Wire, Add		*8.75*	
		For Double Side Rods, Add		*17.50*	
04 05 19 13-0159	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		44.41	
		For Class 1 Mill Galvanized, Add		*2.73*	
		For Class 2 Mill Galvanized, Add		*4.10*	
		For Hot-Dipped Galvanized, Add		*6.84*	
		For Stainless Steel, Add		*27.34*	
		For Cavity Drip, Add		*0.50*	
		For 3-Wire, Add		*8.75*	
		For Double Side Rods, Add		*17.50*	
04 05 19 13-0160	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		47.60	
		For Class 1 Mill Galvanized, Add		*2.81*	
		For Class 2 Mill Galvanized, Add		*4.22*	
		For Hot-Dipped Galvanized, Add		*7.03*	
		For Stainless Steel, Add		*28.12*	
		For Cavity Drip, Add		*0.50*	
		For 3-Wire, Add		*8.75*	
		For Double Side Rods, Add		*17.50*	
04 05 19 13-0161	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		51.44	
		For Class 1 Mill Galvanized, Add		*2.91*	
		For Class 2 Mill Galvanized, Add		*4.37*	
		For Hot-Dipped Galvanized, Add		*7.28*	
		For Stainless Steel, Add		*29.10*	
		For Cavity Drip, Add		*0.50*	
		For 3-Wire, Add		*8.75*	
		For Double Side Rods, Add		*17.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0162	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	56.06	
		For Class 1 Mill Galvanized, Add	*3.01*	
		For Class 2 Mill Galvanized, Add	*4.52*	
		For Hot-Dipped Galvanized, Add	*7.54*	
		For Stainless Steel, Add	*30.14*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0163	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	59.67	
		For Class 1 Mill Galvanized, Add	*3.08*	
		For Class 2 Mill Galvanized, Add	*4.63*	
		For Hot-Dipped Galvanized, Add	*7.71*	
		For Stainless Steel, Add	*30.84*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0164	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	61.91	
		For Class 1 Mill Galvanized, Add	*3.16*	
		For Class 2 Mill Galvanized, Add	*4.74*	
		For Hot-Dipped Galvanized, Add	*7.90*	
		For Stainless Steel, Add	*31.60*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0165	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	71.40	
		For Class 1 Mill Galvanized, Add	*4.39*	
		For Class 2 Mill Galvanized, Add	*6.59*	
		For Hot-Dipped Galvanized, Add	*10.99*	
		For Stainless Steel, Add	*43.94*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0166	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	75.30	
		For Class 1 Mill Galvanized, Add	*4.59*	
		For Class 2 Mill Galvanized, Add	*6.88*	
		For Hot-Dipped Galvanized, Add	*11.47*	
		For Stainless Steel, Add	*45.86*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0167	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	95.69	
		For Class 1 Mill Galvanized, Add	*8.66*	
		For Class 2 Mill Galvanized, Add	*13.00*	
		For Hot-Dipped Galvanized, Add	*21.66*	
		For Stainless Steel, Add	*86.64*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	

04 05 19 13-0168 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0145)*

04 05 19 13-0169	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	48.02	
		For Class 1 Mill Galvanized, Add	*3.85*	
		For Class 2 Mill Galvanized, Add	*5.77*	
		For Hot-Dipped Galvanized, Add	*9.62*	
		For Stainless Steel, Add	*38.48*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0170	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	50.47	
		For Class 1 Mill Galvanized, Add	*3.90*	
		For Class 2 Mill Galvanized, Add	*5.84*	
		For Hot-Dipped Galvanized, Add	*9.74*	
		For Stainless Steel, Add	*38.96*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0171	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	53.40	
		For Class 1 Mill Galvanized, Add	*4.04*	
		For Class 2 Mill Galvanized, Add	*6.06*	
		For Hot-Dipped Galvanized, Add	*10.10*	
		For Stainless Steel, Add	*40.38*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0172	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	58.06	
		For Class 1 Mill Galvanized, Add	*4.23*	
		For Class 2 Mill Galvanized, Add	*6.35*	
		For Hot-Dipped Galvanized, Add	*10.59*	
		For Stainless Steel, Add	*42.34*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0173	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	62.97	
		For Class 1 Mill Galvanized, Add	*4.48*	
		For Class 2 Mill Galvanized, Add	*6.72*	
		For Hot-Dipped Galvanized, Add	*11.20*	
		For Stainless Steel, Add	*44.78*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0174	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	67.20	
		For Class 1 Mill Galvanized, Add	*4.59*	
		For Class 2 Mill Galvanized, Add	*6.88*	
		For Hot-Dipped Galvanized, Add	*11.47*	
		For Stainless Steel, Add	*45.88*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0175	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	69.88	
		For Class 1 Mill Galvanized, Add	*4.75*	
		For Class 2 Mill Galvanized, Add	*7.13*	
		For Hot-Dipped Galvanized, Add	*11.89*	
		For Stainless Steel, Add	*47.54*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0176	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	82.81	
		For Class 1 Mill Galvanized, Add	*6.67*	
		For Class 2 Mill Galvanized, Add	*10.01*	
		For Hot-Dipped Galvanized, Add	*16.69*	
		For Stainless Steel, Add	*66.74*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0177	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	87.65	
		For Class 1 Mill Galvanized, Add	*7.05*	
		For Class 2 Mill Galvanized, Add	*10.58*	
		For Hot-Dipped Galvanized, Add	*17.63*	
		For Stainless Steel, Add	*70.52*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0178	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	117.04	
		For Class 1 Mill Galvanized, Add	*12.19*	
		For Class 2 Mill Galvanized, Add	*18.29*	
		For Hot-Dipped Galvanized, Add	*30.48*	
		For Stainless Steel, Add	*121.92*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	

04 05 19 13-0179 Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0144)*

04 05 19 13-0180 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0179)*

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0181	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	52.59	
		For Class 1 Mill Galvanized, Add	*3.05*	
		For Class 2 Mill Galvanized, Add	*4.57*	
		For Hot-Dipped Galvanized, Add	*7.62*	
		For Stainless Steel, Add	*30.48*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0182	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	57.47	
		For Class 1 Mill Galvanized, Add	*3.19*	
		For Class 2 Mill Galvanized, Add	*4.79*	
		For Hot-Dipped Galvanized, Add	*7.99*	
		For Stainless Steel, Add	*31.94*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0183	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	62.55	
		For Class 1 Mill Galvanized, Add	*3.38*	
		For Class 2 Mill Galvanized, Add	*5.07*	
		For Hot-Dipped Galvanized, Add	*8.45*	
		For Stainless Steel, Add	*33.80*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0184	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	67.35	
		For Class 1 Mill Galvanized, Add	*3.51*	
		For Class 2 Mill Galvanized, Add	*5.27*	
		For Hot-Dipped Galvanized, Add	*8.78*	
		For Stainless Steel, Add	*35.10*	
		For Cavity Drip, Add	*0.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0185	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	69.96	
		For Class 1 Mill Galvanized, Add	*3.62*	
		For Class 2 Mill Galvanized, Add	*5.42*	
		For Hot-Dipped Galvanized, Add	*9.04*	
		For Stainless Steel, Add	*36.16*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0186	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	74.98	
		For Class 1 Mill Galvanized, Add	*3.87*	
		For Class 2 Mill Galvanized, Add	*5.81*	
		For Hot-Dipped Galvanized, Add	*9.69*	
		For Stainless Steel, Add	*38.74*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0187	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	79.59	
		For Class 1 Mill Galvanized, Add	*4.13*	
		For Class 2 Mill Galvanized, Add	*6.20*	
		For Hot-Dipped Galvanized, Add	*10.33*	
		For Stainless Steel, Add	*41.32*	
		For Cavity Drip, Add	*0.50*	

04 05 19 13-0188 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0179)*

04 05 19 13-0189	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	57.33	
		For Class 1 Mill Galvanized, Add	*4.00*	
		For Class 2 Mill Galvanized, Add	*5.99*	
		For Hot-Dipped Galvanized, Add	*9.99*	
		For Stainless Steel, Add	*39.96*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0190	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	62.23	
		For Class 1 Mill Galvanized, Add	*4.15*	
		For Class 2 Mill Galvanized, Add	*6.22*	
		For Hot-Dipped Galvanized, Add	*10.37*	
		For Stainless Steel, Add	*41.46*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0191	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	67.29	
		For Class 1 Mill Galvanized, Add	*4.33*	
		For Class 2 Mill Galvanized, Add	*6.49*	
		For Hot-Dipped Galvanized, Add	*10.82*	
		For Stainless Steel, Add	*43.28*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0192	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	72.09	
		For Class 1 Mill Galvanized, Add	*4.46*	
		For Class 2 Mill Galvanized, Add	*6.69*	
		For Hot-Dipped Galvanized, Add	*11.15*	
		For Stainless Steel, Add	*44.58*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0193	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	74.68	
		For Class 1 Mill Galvanized, Add	*4.56*	
		For Class 2 Mill Galvanized, Add	*6.84*	
		For Hot-Dipped Galvanized, Add	*11.40*	
		For Stainless Steel, Add	*45.60*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0194	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	79.71	
		For Class 1 Mill Galvanized, Add	*4.82*	
		For Class 2 Mill Galvanized, Add	*7.23*	
		For Hot-Dipped Galvanized, Add	*12.05*	
		For Stainless Steel, Add	*48.20*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0195	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	84.34	
		For Class 1 Mill Galvanized, Add	*5.08*	
		For Class 2 Mill Galvanized, Add	*7.62*	
		For Hot-Dipped Galvanized, Add	*12.71*	
		For Stainless Steel, Add	*50.82*	
		For Cavity Drip, Add	*0.50*	

04 05 19 13-0196 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0179)*

04 05 19 13-0197	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	61.73	
		For Class 1 Mill Galvanized, Add	*4.88*	
		For Class 2 Mill Galvanized, Add	*7.31*	
		For Hot-Dipped Galvanized, Add	*12.19*	
		For Stainless Steel, Add	*48.76*	
		For Cavity Drip, Add	*0.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0198	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	67.04	
		For Class 1 Mill Galvanized, Add	*5.11*	
		For Class 2 Mill Galvanized, Add	*7.66*	
		For Hot-Dipped Galvanized, Add	*12.77*	
		For Stainless Steel, Add	*51.08*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0199	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	72.77	
		For Class 1 Mill Galvanized, Add	*5.42*	
		For Class 2 Mill Galvanized, Add	*8.14*	
		For Hot-Dipped Galvanized, Add	*13.56*	
		For Stainless Steel, Add	*54.24*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0200	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	77.78	
		For Class 1 Mill Galvanized, Add	*5.60*	
		For Class 2 Mill Galvanized, Add	*8.39*	
		For Hot-Dipped Galvanized, Add	*13.99*	
		For Stainless Steel, Add	*55.96*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0201	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	80.72	
		For Class 1 Mill Galvanized, Add	*5.77*	
		For Class 2 Mill Galvanized, Add	*8.65*	
		For Hot-Dipped Galvanized, Add	*14.42*	
		For Stainless Steel, Add	*57.68*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0202	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	86.40	
		For Class 1 Mill Galvanized, Add	*6.16*	
		For Class 2 Mill Galvanized, Add	*9.24*	
		For Hot-Dipped Galvanized, Add	*15.40*	
		For Stainless Steel, Add	*61.58*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0203	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	91.32	
		For Class 1 Mill Galvanized, Add	*6.48*	
		For Class 2 Mill Galvanized, Add	*9.72*	
		For Hot-Dipped Galvanized, Add	*16.20*	
		For Stainless Steel, Add	*64.78*	
		For Cavity Drip, Add	*0.50*	

04 05 19 13-0204 Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0144)*

04 05 19 13-0205 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0206	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	67.38	
		For Class 1 Mill Galvanized, Add	*6.01*	
		For Class 2 Mill Galvanized, Add	*9.01*	
		For Hot-Dipped Galvanized, Add	*15.02*	
		For Stainless Steel, Add	*60.06*	
04 05 19 13-0207	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	71.74	
		For Class 1 Mill Galvanized, Add	*6.05*	
		For Class 2 Mill Galvanized, Add	*9.07*	
		For Hot-Dipped Galvanized, Add	*15.12*	
		For Stainless Steel, Add	*60.48*	
04 05 19 13-0208	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	76.63	
		For Class 1 Mill Galvanized, Add	*6.20*	
		For Class 2 Mill Galvanized, Add	*9.29*	
		For Hot-Dipped Galvanized, Add	*15.49*	
		For Stainless Steel, Add	*61.96*	
04 05 19 13-0209	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	83.83	
		For Class 1 Mill Galvanized, Add	*6.39*	
		For Class 2 Mill Galvanized, Add	*9.59*	
		For Hot-Dipped Galvanized, Add	*15.98*	
		For Stainless Steel, Add	*63.90*	
04 05 19 13-0210	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	88.72	
		For Class 1 Mill Galvanized, Add	*6.62*	
		For Class 2 Mill Galvanized, Add	*9.93*	
		For Hot-Dipped Galvanized, Add	*16.56*	
		For Stainless Steel, Add	*66.22*	
04 05 19 13-0211	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	93.44	
		For Class 1 Mill Galvanized, Add	*6.90*	
		For Class 2 Mill Galvanized, Add	*10.35*	
		For Hot-Dipped Galvanized, Add	*17.26*	
		For Stainless Steel, Add	*69.02*	

04 05 19 13-0212 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0204)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0213	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	74.72	
		For Class 1 Mill Galvanized, Add	*7.47*	
		For Class 2 Mill Galvanized, Add	*11.21*	
		For Hot-Dipped Galvanized, Add	*18.69*	
		For Stainless Steel, Add	*74.74*	
04 05 19 13-0214	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	79.18	
		For Class 1 Mill Galvanized, Add	*7.54*	
		For Class 2 Mill Galvanized, Add	*11.30*	
		For Hot-Dipped Galvanized, Add	*18.84*	
		For Stainless Steel, Add	*75.36*	
04 05 19 13-0215	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	84.07	
		For Class 1 Mill Galvanized, Add	*7.68*	
		For Class 2 Mill Galvanized, Add	*11.53*	
		For Hot-Dipped Galvanized, Add	*19.21*	
		For Stainless Steel, Add	*76.84*	
04 05 19 13-0216	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	91.26	
		For Class 1 Mill Galvanized, Add	*7.88*	
		For Class 2 Mill Galvanized, Add	*11.81*	
		For Hot-Dipped Galvanized, Add	*19.69*	
		For Stainless Steel, Add	*78.76*	
04 05 19 13-0217	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	96.05	
		For Class 1 Mill Galvanized, Add	*8.09*	
		For Class 2 Mill Galvanized, Add	*12.13*	
		For Hot-Dipped Galvanized, Add	*20.22*	
		For Stainless Steel, Add	*80.88*	
04 05 19 13-0218	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	100.44	
		For Class 1 Mill Galvanized, Add	*8.30*	
		For Class 2 Mill Galvanized, Add	*12.45*	
		For Hot-Dipped Galvanized, Add	*20.76*	
		For Stainless Steel, Add	*83.02*	

04 05 19 13-0219 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0220	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	78.74	
		For Class 1 Mill Galvanized, Add	*8.28*	
		For Class 2 Mill Galvanized, Add	*12.42*	
		For Hot-Dipped Galvanized, Add	*20.70*	
		For Stainless Steel, Add	*82.78*	
04 05 19 13-0221	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	83.21	
		For Class 1 Mill Galvanized, Add	*8.34*	
		For Class 2 Mill Galvanized, Add	*12.51*	
		For Hot-Dipped Galvanized, Add	*20.86*	
		For Stainless Steel, Add	*83.42*	
04 05 19 13-0222	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	88.51	
		For Class 1 Mill Galvanized, Add	*8.57*	
		For Class 2 Mill Galvanized, Add	*12.86*	
		For Hot-Dipped Galvanized, Add	*21.43*	
		For Stainless Steel, Add	*85.72*	
04 05 19 13-0223	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	96.25	
		For Class 1 Mill Galvanized, Add	*8.87*	
		For Class 2 Mill Galvanized, Add	*13.31*	
		For Hot-Dipped Galvanized, Add	*22.19*	
		For Stainless Steel, Add	*88.74*	
04 05 19 13-0224	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	101.89	
		For Class 1 Mill Galvanized, Add	*9.26*	
		For Class 2 Mill Galvanized, Add	*13.88*	
		For Hot-Dipped Galvanized, Add	*23.14*	
		For Stainless Steel, Add	*92.56*	
04 05 19 13-0225	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	107.33	
		For Class 1 Mill Galvanized, Add	*9.68*	
		For Class 2 Mill Galvanized, Add	*14.52*	
		For Hot-Dipped Galvanized, Add	*24.20*	
		For Stainless Steel, Add	*96.80*	

04 05 19 13-0226 Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0144)*

04 05 19 13-0227 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0226)*

04 05 19 13-0228	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	72.93	
		For Class 1 Mill Galvanized, Add	*6.29*	
		For Class 2 Mill Galvanized, Add	*9.43*	
		For Hot-Dipped Galvanized, Add	*15.72*	
		For Stainless Steel, Add	*62.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0229	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	77.30	
		For Class 1 Mill Galvanized, Add	*6.33*	
		For Class 2 Mill Galvanized, Add	*9.50*	
		For Hot-Dipped Galvanized, Add	*15.83*	
		For Stainless Steel, Add	*63.30*	
04 05 19 13-0230	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	84.24	
		For Class 1 Mill Galvanized, Add	*6.47*	
		For Class 2 Mill Galvanized, Add	*9.71*	
		For Hot-Dipped Galvanized, Add	*16.18*	
		For Stainless Steel, Add	*64.72*	
04 05 19 13-0231	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	88.94	
		For Class 1 Mill Galvanized, Add	*6.67*	
		For Class 2 Mill Galvanized, Add	*10.00*	
		For Hot-Dipped Galvanized, Add	*16.67*	
		For Stainless Steel, Add	*66.66*	
04 05 19 13-0232	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	93.43	
		For Class 1 Mill Galvanized, Add	*6.90*	
		For Class 2 Mill Galvanized, Add	*10.35*	
		For Hot-Dipped Galvanized, Add	*17.25*	
		For Stainless Steel, Add	*69.00*	
04 05 19 13-0233	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	96.94	
		For Class 1 Mill Galvanized, Add	*7.14*	
		For Class 2 Mill Galvanized, Add	*10.71*	
		For Hot-Dipped Galvanized, Add	*17.85*	
		For Stainless Steel, Add	*71.40*	

04 05 19 13-0234 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0226)*

04 05 19 13-0235	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	80.24	
		For Class 1 Mill Galvanized, Add	*7.75*	
		For Class 2 Mill Galvanized, Add	*11.62*	
		For Hot-Dipped Galvanized, Add	*19.37*	
		For Stainless Steel, Add	*77.48*	
04 05 19 13-0236	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	84.71	
		For Class 1 Mill Galvanized, Add	*7.81*	
		For Class 2 Mill Galvanized, Add	*11.72*	
		For Hot-Dipped Galvanized, Add	*19.53*	
		For Stainless Steel, Add	*78.12*	
04 05 19 13-0237	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	91.68	
		For Class 1 Mill Galvanized, Add	*7.96*	
		For Class 2 Mill Galvanized, Add	*11.94*	
		For Hot-Dipped Galvanized, Add	*19.90*	
		For Stainless Steel, Add	*79.60*	
04 05 19 13-0238	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	96.37	
		For Class 1 Mill Galvanized, Add	*8.15*	
		For Class 2 Mill Galvanized, Add	*12.23*	
		For Hot-Dipped Galvanized, Add	*20.38*	
		For Stainless Steel, Add	*81.52*	
04 05 19 13-0239	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	100.75	
		For Class 1 Mill Galvanized, Add	*8.36*	
		For Class 2 Mill Galvanized, Add	*12.55*	
		For Hot-Dipped Galvanized, Add	*20.91*	
		For Stainless Steel, Add	*83.64*	
04 05 19 13-0240	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	104.32	
		For Class 1 Mill Galvanized, Add	*8.62*	
		For Class 2 Mill Galvanized, Add	*12.92*	
		For Hot-Dipped Galvanized, Add	*21.54*	
		For Stainless Steel, Add	*86.16*	

04 05 19 13-0241 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0226)*

04 05 19 13-0242	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	84.28	
		For Class 1 Mill Galvanized, Add	*8.56*	
		For Class 2 Mill Galvanized, Add	*12.83*	
		For Hot-Dipped Galvanized, Add	*21.39*	
		For Stainless Steel, Add	*85.56*	
04 05 19 13-0243	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	88.73	
		For Class 1 Mill Galvanized, Add	*8.62*	
		For Class 2 Mill Galvanized, Add	*12.92*	
		For Hot-Dipped Galvanized, Add	*21.54*	
		For Stainless Steel, Add	*86.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0244	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	96.14	
		For Class 1 Mill Galvanized, Add	*8.85*	
		For Class 2 Mill Galvanized, Add	*13.28*	
		For Hot-Dipped Galvanized, Add	*22.13*	
		For Stainless Steel, Add	*88.52*	
04 05 19 13-0245	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	101.37	
		For Class 1 Mill Galvanized, Add	*9.15*	
		For Class 2 Mill Galvanized, Add	*13.73*	
		For Hot-Dipped Galvanized, Add	*22.88*	
		For Stainless Steel, Add	*91.52*	
04 05 19 13-0246	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	106.59	
		For Class 1 Mill Galvanized, Add	*9.53*	
		For Class 2 Mill Galvanized, Add	*14.30*	
		For Hot-Dipped Galvanized, Add	*23.83*	
		For Stainless Steel, Add	*95.32*	
04 05 19 13-0247	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	110.35	
		For Class 1 Mill Galvanized, Add	*9.82*	
		For Class 2 Mill Galvanized, Add	*14.73*	
		For Hot-Dipped Galvanized, Add	*24.56*	
		For Stainless Steel, Add	*98.22*	

04 05 19 13-0248 Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0144)*

04 05 19 13-0249 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0248)*

04 05 19 13-0250	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	70.10	
		For Class 1 Mill Galvanized, Add	*5.72*	
		For Class 2 Mill Galvanized, Add	*8.58*	
		For Hot-Dipped Galvanized, Add	*14.30*	
		For Stainless Steel, Add	*57.20*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0251	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	74.45	
		For Class 1 Mill Galvanized, Add	*5.76*	
		For Class 2 Mill Galvanized, Add	*8.64*	
		For Hot-Dipped Galvanized, Add	*14.40*	
		For Stainless Steel, Add	*57.60*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0252	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	81.30	
		For Class 1 Mill Galvanized, Add	*5.88*	
		For Class 2 Mill Galvanized, Add	*8.83*	
		For Hot-Dipped Galvanized, Add	*14.71*	
		For Stainless Steel, Add	*58.84*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0253	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	85.92	
		For Class 1 Mill Galvanized, Add	*6.06*	
		For Class 2 Mill Galvanized, Add	*9.09*	
		For Hot-Dipped Galvanized, Add	*15.16*	
		For Stainless Steel, Add	*60.62*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0254	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	90.17	
		For Class 1 Mill Galvanized, Add	*6.25*	
		For Class 2 Mill Galvanized, Add	*9.37*	
		For Hot-Dipped Galvanized, Add	*15.62*	
		For Stainless Steel, Add	*62.48*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0255	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	93.61	
		For Class 1 Mill Galvanized, Add	*6.47*	
		For Class 2 Mill Galvanized, Add	*9.71*	
		For Hot-Dipped Galvanized, Add	*16.19*	
		For Stainless Steel, Add	*64.74*	
		For Seismic Hook And Eye, Add	*27.50*	

04 05 19 13-0256 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0248)*

04 05 19 13-0257	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	76.84	
		For Class 1 Mill Galvanized, Add	*7.07*	
		For Class 2 Mill Galvanized, Add	*10.60*	
		For Hot-Dipped Galvanized, Add	*17.67*	
		For Stainless Steel, Add	*70.68*	
		For Seismic Hook And Eye, Add	*27.50*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0258	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		81.27	
		For Class 1 Mill Galvanized, Add		*7.12*	
		For Class 2 Mill Galvanized, Add		*10.69*	
		For Hot-Dipped Galvanized, Add		*17.81*	
		For Stainless Steel, Add		*71.24*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0259	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		88.06	
		For Class 1 Mill Galvanized, Add		*7.24*	
		For Class 2 Mill Galvanized, Add		*10.85*	
		For Hot-Dipped Galvanized, Add		*18.09*	
		For Stainless Steel, Add		*72.36*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0260	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		92.64	
		For Class 1 Mill Galvanized, Add		*7.41*	
		For Class 2 Mill Galvanized, Add		*11.11*	
		For Hot-Dipped Galvanized, Add		*18.52*	
		For Stainless Steel, Add		*74.06*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0261	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		96.88	
		For Class 1 Mill Galvanized, Add		*7.59*	
		For Class 2 Mill Galvanized, Add		*11.39*	
		For Hot-Dipped Galvanized, Add		*18.98*	
		For Stainless Steel, Add		*75.90*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0262	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		100.20	
		For Class 1 Mill Galvanized, Add		*7.79*	
		For Class 2 Mill Galvanized, Add		*11.69*	
		For Hot-Dipped Galvanized, Add		*19.48*	
		For Stainless Steel, Add		*77.92*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0263		3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0248)*			
04 05 19 13-0264	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		80.92	
		For Class 1 Mill Galvanized, Add		*7.88*	
		For Class 2 Mill Galvanized, Add		*11.83*	
		For Hot-Dipped Galvanized, Add		*19.71*	
		For Stainless Steel, Add		*78.84*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0265	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		85.37	
		For Class 1 Mill Galvanized, Add		*7.94*	
		For Class 2 Mill Galvanized, Add		*11.92*	
		For Hot-Dipped Galvanized, Add		*19.86*	
		For Stainless Steel, Add		*79.44*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0266	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		92.70	
		For Class 1 Mill Galvanized, Add		*8.16*	
		For Class 2 Mill Galvanized, Add		*12.25*	
		For Hot-Dipped Galvanized, Add		*20.41*	
		For Stainless Steel, Add		*81.64*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0267	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		97.87	
		For Class 1 Mill Galvanized, Add		*8.45*	
		For Class 2 Mill Galvanized, Add		*12.68*	
		For Hot-Dipped Galvanized, Add		*21.13*	
		For Stainless Steel, Add		*84.52*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0268	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		103.01	
		For Class 1 Mill Galvanized, Add		*8.82*	
		For Class 2 Mill Galvanized, Add		*13.22*	
		For Hot-Dipped Galvanized, Add		*22.04*	
		For Stainless Steel, Add		*88.16*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0269	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		107.34	
		For Class 1 Mill Galvanized, Add		*9.22*	
		For Class 2 Mill Galvanized, Add		*13.83*	
		For Hot-Dipped Galvanized, Add		*23.05*	
		For Stainless Steel, Add		*92.20*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0270		Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0144)*			
04 05 19 13-0271		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall *(04 05 19 13-0270)*			

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0272	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	75.60	
		For Class 1 Mill Galvanized, Add	*5.99*	
		For Class 2 Mill Galvanized, Add	*8.99*	
		For Hot-Dipped Galvanized, Add	*14.98*	
		For Stainless Steel, Add	*59.90*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0273	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	82.04	
		For Class 1 Mill Galvanized, Add	*6.03*	
		For Class 2 Mill Galvanized, Add	*9.05*	
		For Hot-Dipped Galvanized, Add	*15.08*	
		For Stainless Steel, Add	*60.32*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0274	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	86.43	
		For Class 1 Mill Galvanized, Add	*6.16*	
		For Class 2 Mill Galvanized, Add	*9.25*	
		For Hot-Dipped Galvanized, Add	*15.41*	
		For Stainless Steel, Add	*61.64*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0275	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	90.69	
		For Class 1 Mill Galvanized, Add	*6.35*	
		For Class 2 Mill Galvanized, Add	*9.53*	
		For Hot-Dipped Galvanized, Add	*15.88*	
		For Stainless Steel, Add	*63.52*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0276	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	94.09	
		For Class 1 Mill Galvanized, Add	*6.57*	
		For Class 2 Mill Galvanized, Add	*9.86*	
		For Hot-Dipped Galvanized, Add	*16.43*	
		For Stainless Steel, Add	*65.70*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0277		3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0270)*		
04 05 19 13-0278	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	82.86	
		For Class 1 Mill Galvanized, Add	*7.44*	
		For Class 2 Mill Galvanized, Add	*11.16*	
		For Hot-Dipped Galvanized, Add	*18.61*	
		For Stainless Steel, Add	*74.42*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0279	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	89.32	
		For Class 1 Mill Galvanized, Add	*7.49*	
		For Class 2 Mill Galvanized, Add	*11.23*	
		For Hot-Dipped Galvanized, Add	*18.72*	
		For Stainless Steel, Add	*74.88*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0280	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	93.69	
		For Class 1 Mill Galvanized, Add	*7.62*	
		For Class 2 Mill Galvanized, Add	*11.42*	
		For Hot-Dipped Galvanized, Add	*19.04*	
		For Stainless Steel, Add	*76.16*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0281	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	97.87	
		For Class 1 Mill Galvanized, Add	*7.79*	
		For Class 2 Mill Galvanized, Add	*11.68*	
		For Hot-Dipped Galvanized, Add	*19.47*	
		For Stainless Steel, Add	*77.88*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0282	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	101.07	
		For Class 1 Mill Galvanized, Add	*7.97*	
		For Class 2 Mill Galvanized, Add	*11.95*	
		For Hot-Dipped Galvanized, Add	*19.92*	
		For Stainless Steel, Add	*79.66*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0283		3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0270)*		
04 05 19 13-0284	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	86.39	
		For Class 1 Mill Galvanized, Add	*8.15*	
		For Class 2 Mill Galvanized, Add	*12.22*	
		For Hot-Dipped Galvanized, Add	*20.37*	
		For Stainless Steel, Add	*81.48*	
		For Seismic Hook And Eye, Add	*27.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0285	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	92.91	
		For Class 1 Mill Galvanized, Add	*8.21*	
		For Class 2 Mill Galvanized, Add	*12.31*	
		For Hot-Dipped Galvanized, Add	*20.52*	
		For Stainless Steel, Add	*82.06*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0286	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	97.76	
		For Class 1 Mill Galvanized, Add	*8.43*	
		For Class 2 Mill Galvanized, Add	*12.65*	
		For Hot-Dipped Galvanized, Add	*21.08*	
		For Stainless Steel, Add	*84.30*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0287	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	102.51	
		For Class 1 Mill Galvanized, Add	*8.72*	
		For Class 2 Mill Galvanized, Add	*13.07*	
		For Hot-Dipped Galvanized, Add	*21.79*	
		For Stainless Steel, Add	*87.16*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0288	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	106.63	
		For Class 1 Mill Galvanized, Add	*9.08*	
		For Class 2 Mill Galvanized, Add	*13.62*	
		For Hot-Dipped Galvanized, Add	*22.70*	
		For Stainless Steel, Add	*90.78*	
		For Seismic Hook And Eye, Add	*27.50*	

04 05 19 16 Masonry Anchors *(04 05 19)*

04 05 19 16-0001 Rectangular, Wire Masonry Wall Ties *(04 05 19 16)*

04 05 19 16-0002 Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties *(04 05 19 16-0001)*

04 05 19 16-0003	EA	2" Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	0.91
04 05 19 16-0004	EA	2" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	0.95
04 05 19 16-0005	EA	2" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.00
04 05 19 16-0006	EA	2" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.06
04 05 19 16-0007	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.11
04 05 19 16-0008	EA	4" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.00
04 05 19 16-0009	EA	4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.06
04 05 19 16-0010	EA	4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.11
04 05 19 16-0011	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.17

04 05 19 16-0012 Mill Galvanized, Rectangular, Wire Masonry Wall Ties *(04 05 19 16-0001)*

04 05 19 16-0013	EA	2" Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	0.83
04 05 19 16-0014	EA	2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	0.85
04 05 19 16-0015	EA	2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	0.87
04 05 19 16-0016	EA	2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	0.90
04 05 19 16-0017	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	0.93
04 05 19 16-0018	EA	4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	0.87
04 05 19 16-0019	EA	4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	0.90
04 05 19 16-0020	EA	4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	0.93
04 05 19 16-0021	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	0.96

04 05 19 16-0022 Z-Type, Wire Masonry Wall Ties *(04 05 19 16)*

04 05 19 16-0023 Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties *(04 05 19 16-0022)*

04 05 19 16-0024	EA	6" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	0.83
04 05 19 16-0025	EA	8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	0.86
04 05 19 16-0026	EA	10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	0.94
04 05 19 16-0027	EA	12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	0.97
04 05 19 16-0028	EA	6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	0.98
04 05 19 16-0029	EA	8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.04
04 05 19 16-0030	EA	10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.10
04 05 19 16-0031	EA	12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.14

04 05 19 16-0032 Mill Galvanized, Z-Type, Wire Masonry Wall Ties *(04 05 19 16-0022)*

04 05 19 16-0033	EA	6" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.77
04 05 19 16-0034	EA	8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.78
04 05 19 16-0035	EA	10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.84
04 05 19 16-0036	EA	12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.86
04 05 19 16-0037	EA	6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.86
04 05 19 16-0038	EA	8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.89
04 05 19 16-0039	EA	10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.93
04 05 19 16-0040	EA	12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.97

04 05 19 16-0041 Wire Beam Ties *(04 05 19 16)*

04 05 19 16-0042 Hot-Dipped Galvanized, Wire Beam Ties *(04 05 19 16-0041)*

04 05 19 16-0043	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.05
04 05 19 16-0044	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0045	EA	6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.09	
04 05 19 16-0046	EA	8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.11	
04 05 19 16-0047	EA	10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.15	
04 05 19 16-0048		Mill Galvanized, Wire Beam Ties *(04 05 19 16-0041)*		
04 05 19 16-0049	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.22	
04 05 19 16-0050	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.26	
04 05 19 16-0051	EA	6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.31	
04 05 19 16-0052	EA	8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.34	
04 05 19 16-0053	EA	10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.37	
04 05 19 16-0054		Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16)*		
04 05 19 16-0055		Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16-0054)*		
04 05 19 16-0056	EA	6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.15	
04 05 19 16-0057	EA	7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.19	
04 05 19 16-0058	EA	8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.20	
04 05 19 16-0059	EA	9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.24	
04 05 19 16-0060	EA	10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.26	
04 05 19 16-0061		Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16-0054)*		
04 05 19 16-0062	EA	6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.00	
04 05 19 16-0063	EA	7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.03	
04 05 19 16-0064	EA	8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.04	
04 05 19 16-0065	EA	9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.06	
04 05 19 16-0066	EA	10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.07	
04 05 19 16-0067		Corrugated Buck (Brick) Anchors *(04 05 19 16)*		
04 05 19 16-0068		Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors *(04 05 19 16-0067)*		
04 05 19 16-0069	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.36	
04 05 19 16-0070	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.40	
04 05 19 16-0071	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.45	
04 05 19 16-0072	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.49	
04 05 19 16-0073	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.54	
04 05 19 16-0074	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.39	
04 05 19 16-0075	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.44	
04 05 19 16-0076	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.49	
04 05 19 16-0077	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.54	
04 05 19 16-0078	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.59	
04 05 19 16-0079		Mill Galvanized, Corrugated Buck (Brick) Anchors *(04 05 19 16-0067)*		
04 05 19 16-0080	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.19	
04 05 19 16-0081	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.23	
04 05 19 16-0082	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.26	
04 05 19 16-0083	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.29	
04 05 19 16-0084	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.33	
04 05 19 16-0085	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.22	
04 05 19 16-0086	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.26	
04 05 19 16-0087	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.30	
04 05 19 16-0088	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.33	
04 05 19 16-0089	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.37	
04 05 19 16-0090		Corrugated Wall Ties *(04 05 19 16)*		
04 05 19 16-0091		Hot-Dipped Galvanized, Corrugated Wall Ties *(04 05 19 16-0090)*		
04 05 19 16-0092	EA	7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.76	
04 05 19 16-0093	EA	7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.80	
04 05 19 16-0094	EA	7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.82	
04 05 19 16-0095	EA	7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.83	
04 05 19 16-0096	EA	7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.96	
04 05 19 16-0097		Mill Galvanized, Corrugated Wall Ties *(04 05 19 16-0090)*		
04 05 19 16-0098	EA	7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie	0.78	
04 05 19 16-0099	EA	7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie	0.79	
04 05 19 16-0100	EA	7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie	0.80	
04 05 19 16-0101	EA	7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie	0.90	
04 05 19 16-0102		Stainless Steel, Corrugated Wall Ties *(04 05 19 16-0090)*		
04 05 19 16-0103	EA	7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie	1.08	
04 05 19 16-0104	EA	7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie	1.14	
04 05 19 16-0105	EA	7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie	1.20	
04 05 19 16-0106	EA	7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie	1.25	
04 05 19 16-0107	EA	7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie	1.52	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 05 19 16-0108 Wire Mesh Wall Ties *(04 05 19 16)*

Note: 1/2" square mesh.

04 05 19 16-0109	EA	3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	1.45
04 05 19 16-0110	EA	3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	1.73
04 05 19 16-0111	EA	6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.03
04 05 19 16-0112	EA	6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.55
04 05 19 16-0113	EA	10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.45
04 05 19 16-0114	EA	10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.93

04 05 19 16-0115 Triangle Brick Ties *(04 05 19 16)*

04 05 19 16-0116 Hot-Dipped Galvanized, Triangle Brick Ties *(04 05 19 16-0115)*

04 05 19 16-0117	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.30
04 05 19 16-0118	EA	3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.32
04 05 19 16-0119	EA	4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.34
04 05 19 16-0120	EA	4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.39
04 05 19 16-0121	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.41
04 05 19 16-0122	EA	6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.49
04 05 19 16-0123	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.53
04 05 19 16-0124	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.63
04 05 19 16-0125	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.50
04 05 19 16-0126	EA	3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.52
04 05 19 16-0127	EA	4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.53
04 05 19 16-0128	EA	4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.58
04 05 19 16-0129	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.59
04 05 19 16-0130	EA	6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.67
04 05 19 16-0131	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.70
04 05 19 16-0132	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.81

04 05 19 16-0133 Mill Galvanized, Triangle Brick Ties *(04 05 19 16-0115)*

04 05 19 16-0134	EA	3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.20
04 05 19 16-0135	EA	3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.21
04 05 19 16-0136	EA	4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.21
04 05 19 16-0137	EA	4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.25
04 05 19 16-0138	EA	5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.26
04 05 19 16-0139	EA	6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.31
04 05 19 16-0140	EA	7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.33
04 05 19 16-0141	EA	9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.36
04 05 19 16-0142	EA	3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.32
04 05 19 16-0143	EA	3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.33
04 05 19 16-0144	EA	4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.34
04 05 19 16-0145	EA	4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.38
04 05 19 16-0146	EA	5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.40
04 05 19 16-0147	EA	6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.46
04 05 19 16-0148	EA	7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.48
04 05 19 16-0149	EA	9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.54

04 05 19 16-0150 Seismic Veneer Anchors *(04 05 19 16)*

04 05 19 16-0151	EA	3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic Notch Veneer Anchor Note: For horizontal wire attachment. Excludes wire.	5.10

04 05 19 16-0152 Slip-Set, Joint Stabilization Anchors *(04 05 19 16)*

Note: For restraining lateral movement at control joints. Field bendable.

04 05 19 16-0153	EA	9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor	3.69
04 05 19 16-0154	EA	9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor	3.99
04 05 19 16-0155	EA	9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor	5.10

04 05 19 16-0156 Strap Partition Top Anchors *(04 05 19 16)*

04 05 19 16-0157	EA	12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor	2.19
04 05 19 16-0158	EA	12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor	5.38

04 05 19 16-0159 Rigid Partition Anchors *(04 05 19 16)*

04 05 19 16-0160 Hot-Dipped Galvanized, Rigid Partition Anchors *(04 05 19 16-0159)*

04 05 19 16-0161	EA	1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	1.77
04 05 19 16-0162	EA	1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	1.90
04 05 19 16-0163	EA	1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.06
04 05 19 16-0164	EA	1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.20
04 05 19 16-0165	EA	2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.34
04 05 19 16-0166	EA	2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.48
04 05 19 16-0167	EA	1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.35
04 05 19 16-0168	EA	1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.80
04 05 19 16-0169	EA	1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.26
04 05 19 16-0170	EA	1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.71
04 05 19 16-0171	EA	2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.17
04 05 19 16-0172	EA	2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.62

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0173		Mill Galvanized, Rigid Partition Anchors *(04 05 19 16-0159)*		
04 05 19 16-0174	EA	1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.65	
04 05 19 16-0175	EA	1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.76	
04 05 19 16-0176	EA	1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.87	
04 05 19 16-0177	EA	1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.98	
04 05 19 16-0178	EA	2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.09	
04 05 19 16-0179	EA	2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.20	
04 05 19 16-0180		Screw-On Masonry Veneer Anchor Plates *(04 05 19 16)*		
04 05 19 16-0181	EA	12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	1.15	
04 05 19 16-0182	EA	14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	1.20	
04 05 19 16-0183		Wire Column Ties *(04 05 19 16)*		
04 05 19 16-0184		Hot-Dipped Galvanized, Wire Column Ties *(04 05 19 16-0183)*		
04 05 19 16-0185	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.35	
04 05 19 16-0186	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.42	
04 05 19 16-0187	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.48	
04 05 19 16-0188	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.56	
04 05 19 16-0189	EA	10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.41	
04 05 19 16-0190	EA	12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.48	
04 05 19 16-0191	EA	14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.53	
04 05 19 16-0192	EA	16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.57	
04 05 19 16-0193	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.75	
04 05 19 16-0194	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.88	
04 05 19 16-0195	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.96	
04 05 19 16-0196	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.09	
04 05 19 16-0197	EA	10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.88	
04 05 19 16-0198	EA	12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.96	
04 05 19 16-0199	EA	14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.04	
04 05 19 16-0200	EA	16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.13	
04 05 19 16-0201		Mill Galvanized, Wire Column Ties *(04 05 19 16-0183)*		
04 05 19 16-0202	EA	3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.21	
04 05 19 16-0203	EA	5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.26	
04 05 19 16-0204	EA	7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.29	
04 05 19 16-0205	EA	9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.34	
04 05 19 16-0206	EA	10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.23	
04 05 19 16-0207	EA	12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.28	
04 05 19 16-0208	EA	14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.31	
04 05 19 16-0209	EA	16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.35	
04 05 19 16-0210	EA	3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.51	
04 05 19 16-0211	EA	5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.59	
04 05 19 16-0212	EA	7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.63	
04 05 19 16-0213	EA	9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.72	
04 05 19 16-0214	EA	10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.47	
04 05 19 16-0215	EA	12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.61	
04 05 19 16-0216	EA	14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.67	
04 05 19 16-0217	EA	16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.72	
04 05 19 16-0218		Dovetail Anchors, Slots And Ties *(04 05 19 16)*		
04 05 19 16-0219		Dovetail Anchor Slots *(04 05 19 16-0218)*		
04 05 19 16-0220		Hot-Dipped Galvanized, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0221	LF	24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	2.78	
04 05 19 16-0222	LF	22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.00	
04 05 19 16-0223	LF	20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.13	
04 05 19 16-0224	LF	18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.20	
04 05 19 16-0225	LF	16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.34	
04 05 19 16-0226		Mill Galvanized, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0227	LF	24 Gauge, Mill Galvanized, Dovetail Anchor Slot	2.33	
04 05 19 16-0228	LF	22 Gauge, Mill Galvanized, Dovetail Anchor Slot	2.61	
04 05 19 16-0229	LF	20 Gauge, Mill Galvanized, Dovetail Anchor Slot	2.68	
04 05 19 16-0230	LF	18 Gauge, Mill Galvanized, Dovetail Anchor Slot	2.78	
04 05 19 16-0231	LF	16 Gauge, Mill Galvanized, Dovetail Anchor Slot	2.84	
04 05 19 16-0232		304 Stainless Steel, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0233	LF	24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	3.10	
04 05 19 16-0234	LF	22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	3.47	
04 05 19 16-0235	LF	20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	3.60	
04 05 19 16-0236	LF	18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.02	
04 05 19 16-0237	LF	16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.43	
04 05 19 16-0238		316 Stainless Steel, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0239	LF	24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	3.39	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0240	LF	22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	3.67	
04 05 19 16-0241	LF	20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	3.96	
04 05 19 16-0242	LF	18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.32	
04 05 19 16-0243	LF	16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.53	

04 05 19 16-0244 Dovetail Corrugated Brick Ties *(04 05 19 16-0218)*

04 05 19 16-0245 Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie *(04 05 19 16-0244)*

04 05 19 16-0246	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	0.97	
04 05 19 16-0247	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.04	
04 05 19 16-0248	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.12	
04 05 19 16-0249	EA	3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	0.99	
04 05 19 16-0250	EA	5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.12	
04 05 19 16-0251	EA	7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.23	
04 05 19 16-0252	EA	3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.03	
04 05 19 16-0253	EA	5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.12	
04 05 19 16-0254	EA	7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.21	

04 05 19 16-0255 Mill Galvanized, Dovetail Corrugated Brick Tie *(04 05 19 16-0244)*

04 05 19 16-0256	EA	3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	0.91	
04 05 19 16-0257	EA	5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	0.95	
04 05 19 16-0258	EA	7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.00	
04 05 19 16-0259	EA	3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	0.94	
04 05 19 16-0260	EA	5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.03	
04 05 19 16-0261	EA	7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.11	
04 05 19 16-0262	EA	3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	0.96	
04 05 19 16-0263	EA	5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.07	
04 05 19 16-0264	EA	7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.14	

04 05 19 16-0265 Dovetail Stone Anchors *(04 05 19 16-0218)*

04 05 19 16-0266 Hot-Dipped Galvanized, Dovetail Stone Anchors *(04 05 19 16-0265)*

04 05 19 16-0267	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.12	
04 05 19 16-0268	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.20	
04 05 19 16-0269	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.27	

04 05 19 16-0270 Dovetail Partition Top Anchors *(04 05 19 16-0218)*

04 05 19 16-0271	EA	3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor	2.31	
04 05 19 16-0272	EA	3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor	5.77	

04 05 19 16-0273 Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0218)*

04 05 19 16-0274 Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0273)*

04 05 19 16-0275	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	1.63	
04 05 19 16-0276	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	1.72	
04 05 19 16-0277	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	1.79	
04 05 19 16-0278	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	1.85	

04 05 19 16-0279 Mill Galvanized, Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0273)*

04 05 19 16-0280	EA	3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	1.49	
04 05 19 16-0281	EA	5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	1.50	
04 05 19 16-0282	EA	7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	1.54	
04 05 19 16-0283	EA	9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	1.65	

04 05 19 26 Masonry Reinforcing Bars *(04 05 19)*

Note: Includes cutting and bending.

04 05 19 26-0001 Standard Steel Bars *(04 05 19 26)*

See CSI section 03 21 00 00-0000 for listed rebar weights.

04 05 19 26-0002	LB	Horizontal #3 And #4 Rebar Reinforcing	2.10	
		For Epoxy Coating, Add	*0.35*	
		For Galvanized Coating, Add	*0.46*	
04 05 19 26-0003	LB	Horizontal #5 And #6 Rebar Reinforcing	1.19	
		For Epoxy Coating, Add	*0.35*	
		For Galvanized Coating, Add	*0.46*	
04 05 19 26-0004	LB	Vertical #3 And #4 Rebar Reinforcing	2.57	
		For Epoxy Coating, Add	*0.35*	
		For Galvanized Coating, Add	*0.46*	
04 05 19 26-0005	LB	Vertical #5 And #6 Rebar Reinforcing	1.38	
		For Epoxy Coating, Add	*0.35*	
		For Galvanized Coating, Add	*0.46*	

04 05 23 Masonry Accessories *(04 05)*

04 05 23 13 Masonry Control And Expansion Joints *(04 05 23)*

04 05 23 13-0001 Masonry Control Joints *(04 05 23 13)*

04 05 23 13-0002 Rubber, Masonry Control Joints *(04 05 23 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 23 13-0003	LF	1-5/8" Width, T-Style, Rubber, Masonry Control Joint	3.85	0.73
04 05 23 13-0004	LF	2-5/8" Width, Rubber, Masonry Control Joint	3.75	0.73
04 05 23 13-0005	LF	6-7/8" Width, Rubber, Masonry Control Joint	7.56	0.73
04 05 23 13-0006		PVC, Masonry Control Joints *(04 05 23 13-0001)*		
04 05 23 13-0007	LF	1-5/8" Width, T-Style, PVC, Masonry Control Joint	2.55	0.73
04 05 23 13-0008	LF	2-5/8" Width, PVC, Masonry Control Joint	2.62	0.73
04 05 23 13-0009	LF	4-7/8" Width, PVC, Masonry Control Joint	3.31	0.73
04 05 23 13-0010	LF	6-7/8" Width, PVC, Masonry Control Joint	3.68	0.73
04 05 23 13-0011	LF	11-1/8" Width, PVC, Masonry Control Joint	3.51	0.73
04 05 23 16		**Masonry Embedded Flashing** *(04 05 23)*		
04 05 23 16-0001		Lead Coated Copper Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0002		Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*		
04 05 23 16-0003	SF	2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	5.10	1.25
04 05 23 16-0004	SF	3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	5.56	1.25
04 05 23 16-0005	SF	5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	6.84	1.25
04 05 23 16-0006	SF	7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	7.97	1.25
04 05 23 16-0007		Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*		
04 05 23 16-0008	SF	2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	5.55	1.25
04 05 23 16-0009	SF	3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	5.97	1.25
04 05 23 16-0010	SF	5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	7.44	1.25
04 05 23 16-0011	SF	7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	8.80	1.25
04 05 23 16-0012		Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*		
04 05 23 16-0013	SF	2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	5.20	1.25
04 05 23 16-0014	SF	3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	5.78	1.25
04 05 23 16-0015	SF	5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	6.61	1.25
04 05 23 16-0016	SF	7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	8.34	1.25
04 05 23 16-0017		Copper Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0018		2 Sides Coated With Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)*		
04 05 23 16-0019	SF	2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	4.41	1.16
04 05 23 16-0020	SF	3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	4.75	1.16
04 05 23 16-0021	SF	5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	5.69	1.16
04 05 23 16-0022	SF	7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	6.51	1.16
04 05 23 16-0023	SF	10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	6.86	1.16
04 05 23 16-0024		2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)*		
04 05 23 16-0025	SF	2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	4.74	1.16
04 05 23 16-0026	SF	3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	5.04	1.16
04 05 23 16-0027	SF	5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	6.13	1.16
04 05 23 16-0028	SF	7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	7.12	1.16
04 05 23 16-0029	SF	10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	7.71	1.16
04 05 23 16-0030		1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)*		
04 05 23 16-0031	SF	2 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	4.44	1.16
04 05 23 16-0032	SF	3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	4.79	1.16
04 05 23 16-0033	SF	5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	5.72	1.16
04 05 23 16-0034	SF	7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.55	1.16
04 05 23 16-0035	SF	10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.90	1.16
04 05 23 16-0036		2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)*		
04 05 23 16-0037	SF	2 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	4.49	1.16
04 05 23 16-0038	SF	3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	4.91	1.16
04 05 23 16-0039	SF	5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	5.52	1.16
04 05 23 16-0040	SF	7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.78	1.16
04 05 23 16-0041	SF	10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.27	1.16
04 05 23 16-0042		2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)*		
04 05 23 16-0043	SF	3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	5.88	1.16
04 05 23 16-0044	SF	5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	7.13	1.16
04 05 23 16-0045		2 Sides Glass Fabric, Thru-Wall Copper Flashing *(04 05 23 16-0017)*		
		Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive.		
04 05 23 16-0046	SF	3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	5.15	1.16
04 05 23 16-0047	SF	5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	6.27	1.16

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 23 16-0048		Stainless Steel Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0049		Paper Backed 2 Sides, Stainless Steel Through Wall Flashing *(04 05 23 16-0048)*		
04 05 23 16-0050	SF	0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing	5.37	1.16
04 05 23 16-0051		Polyvinyl Chloride (PVC) Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0052	SF	0.010" Thick Black PVC Through Wall Flashing	2.58	1.12
04 05 23 16-0053	SF	0.020" Thick Black PVC Through Wall Flashing	2.66	1.12
04 05 23 16-0054	SF	0.030" Thick Black PVC Through Wall Flashing	2.77	1.12
04 05 23 16-0055	SF	0.056" Thick Black PVC Through Wall Flashing	3.09	1.12

04 05 23 19 Masonry Cavity Drainage, Weepholes, And Vents *(04 05 23)*

04 05 23 19-0001		Brick Vents, 4" Deep, With Insect Screen *(04 05 23 19)* Note: 0.100" nominal wall thickness, three mortar ribs on top and bottom of frame.		
04 05 23 19-0002	EA	8-1/8" x 2-3/8" Aluminum Brick Vent	45.06	
04 05 23 19-0003	EA	8-1/8" x 4-3/4" Aluminum Brick Vent	55.73	
04 05 23 19-0004	EA	8-1/8" x 7-3/4" Aluminum Brick Vent	69.95	
04 05 23 19-0005	EA	12" x 2-3/8" Aluminum Brick Vent	54.47	
04 05 23 19-0006	EA	12" x 4-3/4" Aluminum Brick Vent	67.06	
04 05 23 19-0007	EA	12" x 7-3/4" Aluminum Brick Vent	84.45	
04 05 23 19-0008	EA	16-1/2" x 2-3/8" Aluminum Brick Vent	63.95	
04 05 23 19-0009	EA	16-1/2" x 4-3/4" Aluminum Brick Vent	86.02	
04 05 23 19-0010	EA	16-1/2" x 7-3/4" Aluminum Brick Vent	104.45	
04 05 23 19-0011	EA	24" x 2-3/8" Aluminum Brick Vent	85.59	
04 05 23 19-0012	EA	24" x 4-3/4" Aluminum Brick Vent	111.21	
04 05 23 19-0013	EA	24" x 7-3/4" Aluminum Brick Vent	136.02	

04 05 26 Masonry Scaffolding *(04 05)*

Note: Costs based on one use per month. For use with unit masonry construction only. Height shown in tasks is for height of work. Includes assembly and disassembly of scaffolding.

04 05 26 00-0001		Scaffolding Rental *(04 05 26)* Note: Total square foot of area is determined by the square foot of wall area at which scaffolding is required, above the established 4' working height limit.		
04 05 26 00-0002	CSF	Exterior Building Scaffolding, 1 To 5 Story, Tubular Steel, Based On 1 Use/Month	301.01	
		For Each Additional Month Of Rental, Add	*53.18*	
		For Additional Erection And Dismantling Of Scaffolding, Add	*247.83*	
04 05 26 00-0003	CSF	Exterior Building Scaffolding, 6 To 12 Story, Tubular Steel, Based On 1 Use/Month	390.76	
		For Each Additional Month Of Rental, Add	*48.59*	
		For Additional Erection And Dismantling Of Scaffolding, Add	*342.17*	
04 05 26 00-0004	CSF	Interior Scaffolding Wall, Up To 16' Tubular Steel, Based On 1 Use/Month	234.73	
		For Each Additional Month Of Rental, Add	*51.16*	
		For Additional Erection And Dismantling Of Scaffolding, Add	*183.57*	
04 05 26 00-0005	CSF	Interior Scaffolding Wall, 16' - 30' Tubular Steel, Based On 1 Use/Month	273.99	
		For Each Additional Month Of Rental, Add	*52.17*	
		For Additional Erection And Dismantling Of Scaffolding, Add	*221.82*	

04 20 Unit Masonry *(04)*

Note: Includes pointing and cleaning of new brick and mortar. Includes cutting of new bricks/blocks to size.

04 21 Clay Unit Masonry *(04 20)*

04 21 13 Brick Masonry *(04 21)*

Note: Includes brick and mortar. See CSI section 04 05 19 13-0000 for reinforcing, 04 05 19 16-0000 for masonry anchors, 04 05 26 00-0000 for scaffolding.

04 21 13 00-0001		Standard Size Brick With Running Bond *(04 21 13)* Note: Standard modular 2-2/3" x 4" x 8".		
04 21 13 00-0002		Red Face Brick *(04 21 13 00-0001)*		
04 21 13 00-0003	SF	Standard Size Red Face Brick - Veneer (6.4/SF With Running Bond)	17.07	
		For Full Header Every 6th Course, Add	*0.56*	
		For English, Full Header Every Second Course, Add	*1.13*	
		For Flemish, Alternate Header Every Course, Add	*2.26*	
		For Curved Wall Application, Add	*2.82*	
		For Interior Veneer Construction, Add	*2.12*	
		For Stacked Bond, Add	*1.56*	
		For Battered Walls (Variable Depth Surface Placement), Add	*3.53*	
		For Corbels, Add	*10.58*	
		For Colored Mortar, Add	*0.30*	
		For Basket Weave Or Soldier Bond Pattern, Add	*1.56*	
		For Herringbone Pattern, Add	*2.41*	
		For Severe Weather (SW) Brick, Add	*0.44*	
		For Close Tolerance (FBX), Add	*1.63*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*21.31*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*14.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0004	SF	Standard Size Red Face Brick - Cavity Wall (6.4/SF With Running Bond)	19.81	
		For Full Header Every 6th Course, Add	*0.67*	
		For English, Full Header Every Second Course, Add	*1.35*	
		For Flemish, Alternate Header Every Course, Add	*2.68*	
		For Curved Wall Application, Add	*3.37*	
		For Interior Veneer Construction, Add	*2.53*	
		For Stacked Bond, Add	*1.83*	
		For Battered Walls (Variable Depth Surface Placement), Add	*4.21*	
		For Corbels, Add	*12.64*	
		For Colored Mortar, Add	*0.30*	
		For Basket Weave Or Soldier Bond Pattern, Add	*1.83*	
		For Herringbone Pattern, Add	*2.82*	
		For Severe Weather (SW) Brick, Add	*0.44*	
		For Close Tolerance (FBX), Add	*1.91*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*25.42*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*17.00*	
04 21 13 00-0005	SF	Standard Size Red Face Brick - 9" Solid Wall (12.7/SF With Running Bond)	28.30	
		For Full Header Every 6th Course, Add	*0.90*	
		For English, Full Header Every Second Course, Add	*1.80*	
		For Flemish, Alternate Header Every Course, Add	*3.66*	
		For Curved Wall Application, Add	*4.49*	
		For Interior Veneer Construction, Add	*3.37*	
		For Stacked Bond, Add	*2.54*	
		For Battered Walls (Variable Depth Surface Placement), Add	*5.62*	
		For Corbels, Add	*16.85*	
		For Colored Mortar, Add	*0.58*	
		For Basket Weave Or Soldier Bond Pattern, Add	*2.54*	
		For Herringbone Pattern, Add	*3.95*	
		For Severe Weather (SW) Brick, Add	*0.88*	
		For Close Tolerance (FBX), Add	*2.68*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*33.98*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*22.75*	

04 21 13 00-0006 Common Brick *(04 21 13 00-0001)*

04 21 13 00-0007	SF	Select Common Brick For Veneer (6.4/SF)	16.32	
		For Full Header Every 6th Course, Add	*0.53*	
		For English, Full Header Every Second Course, Add	*1.07*	
		For Flemish, Alternate Header Every Course, Add	*2.15*	
		For Curved Wall Application, Add	*2.67*	
		For Interior Veneer Construction, Add	*2.00*	
		For Stacked Bond, Add	*1.48*	
		For Battered Walls (Variable Depth Surface Placement), Add	*3.34*	
		For Corbels, Add	*10.02*	
		For Colored Mortar, Add	*0.30*	
		For Basket Weave Or Soldier Bond Pattern, Add	*1.48*	
		For Herringbone Pattern, Add	*2.30*	
		For Severe Weather (SW) Brick, Add	*0.44*	
		For Close Tolerance (FBX), Add	*1.56*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*20.19*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*13.51*	
04 21 13 00-0008	SF	Common Brick - 4" Back-up (6.4/SF)	14.54	
		For Full Header Every 6th Course, Add	*0.48*	
		For English, Full Header Every Second Course, Add	*0.95*	
		For Flemish, Alternate Header Every Course, Add	*1.92*	
		For Curved Wall Application, Add	*2.38*	
		For Interior Veneer Construction, Add	*1.79*	
		For Stacked Bond, Add	*1.32*	
		For Battered Walls (Variable Depth Surface Placement), Add	*2.98*	
		For Corbels, Add	*8.93*	
		For Colored Mortar, Add	*0.26*	
		For Basket Weave Or Soldier Bond Pattern, Add	*1.32*	
		For Herringbone Pattern, Add	*2.05*	
		For Severe Weather (SW) Brick, Add	*0.40*	
		For Close Tolerance (FBX), Add	*1.39*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*17.98*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*12.03*	
04 21 13 00-0009	SF	Common Brick - 8" Back-up (12.7/SF)	25.74	
		For Full Header Every 6th Course, Add	*0.82*	
		For English, Full Header Every Second Course, Add	*1.64*	
		For Flemish, Alternate Header Every Course, Add	*3.34*	
		For Curved Wall Application, Add	*4.10*	
		For Interior Veneer Construction, Add	*3.08*	
		For Stacked Bond, Add	*2.31*	
		For Battered Walls (Variable Depth Surface Placement), Add	*5.13*	
		For Corbels, Add	*15.38*	
		For Colored Mortar, Add	*0.52*	
		For Basket Weave Or Soldier Bond Pattern, Add	*2.31*	
		For Herringbone Pattern, Add	*3.60*	
		For Severe Weather (SW) Brick, Add	*0.79*	
		For Close Tolerance (FBX), Add	*2.44*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*31.01*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*20.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0010	SF	Common Brick - 12" Solid (19/SF)	36.53	
		For Full Header Every 6th Course, Add	*1.15*	
		For English, Full Header Every Second Course, Add	*2.30*	
		For Flemish, Alternate Header Every Course, Add	*4.70*	
		For Curved Wall Application, Add	*5.74*	
		For Interior Veneer Construction, Add	*4.31*	
		For Stacked Bond, Add	*3.26*	
		For Battered Walls (Variable Depth Surface Placement), Add	*7.18*	
		For Corbels, Add	*21.53*	
		For Colored Mortar, Add	*0.78*	
		For Basket Weave Or Soldier Bond Pattern, Add	*3.26*	
		For Herringbone Pattern, Add	*5.09*	
		For Severe Weather (SW) Brick, Add	*1.17*	
		For Close Tolerance (FBX), Add	*3.46*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*43.44*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*29.09*	
04 21 13 00-0011	SF	Common Brick - 16" Solid (25.4/SF)	46.31	
		For Full Header Every 6th Course, Add	*1.44*	
		For English, Full Header Every Second Course, Add	*2.87*	
		For Flemish, Alternate Header Every Course, Add	*5.90*	
		For Curved Wall Application, Add	*7.18*	
		For Interior Veneer Construction, Add	*5.38*	
		For Stacked Bond, Add	*4.11*	
		For Battered Walls (Variable Depth Surface Placement), Add	*8.97*	
		For Corbels, Add	*26.91*	
		For Colored Mortar, Add	*1.04*	
		For Basket Weave Or Soldier Bond Pattern, Add	*4.11*	
		For Herringbone Pattern, Add	*6.43*	
		For Severe Weather (SW) Brick, Add	*1.56*	
		For Close Tolerance (FBX), Add	*4.37*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*54.34*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*36.40*	
04 21 13 00-0012	SF	Common Brick As 4" Wall Face Brick (6.4/SF)	16.32	
		For Full Header Every 6th Course, Add	*0.53*	
		For English, Full Header Every Second Course, Add	*1.07*	
		For Flemish, Alternate Header Every Course, Add	*2.15*	
		For Curved Wall Application, Add	*2.67*	
		For Interior Veneer Construction, Add	*2.00*	
		For Stacked Bond, Add	*1.48*	
		For Battered Walls (Variable Depth Surface Placement), Add	*3.34*	
		For Corbels, Add	*10.02*	
		For Colored Mortar, Add	*0.30*	
		For Basket Weave Or Soldier Bond Pattern, Add	*1.48*	
		For Herringbone Pattern, Add	*2.30*	
		For Severe Weather (SW) Brick, Add	*0.44*	
		For Close Tolerance (FBX), Add	*1.56*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*20.19*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*13.51*	

04 21 13 00-0013 Glazed Brick *(04 21 13 00-0001)*

04 21 13 00-0014	SF	Glazed Brick Veneer (7.4/SF)	28.69	
		For Full Header Every 6th Course, Add	*0.64*	
		For English, Full Header Every Second Course, Add	*1.28*	
		For Flemish, Alternate Header Every Course, Add	*3.03*	
		For Curved Wall Application, Add	*3.19*	
		For Interior Veneer Construction, Add	*2.39*	
		For Stacked Bond, Add	*2.23*	
		For Battered Walls (Variable Depth Surface Placement), Add	*3.99*	
		For Corbels, Add	*11.97*	
		For Colored Mortar, Add	*1.27*	
		For Basket Weave Or Soldier Bond Pattern, Add	*2.23*	
		For Herringbone Pattern, Add	*3.67*	
		For Severe Weather (SW) Brick, Add	*1.91*	
		For Close Tolerance (FBX), Add	*2.55*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*24.58*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*16.60*	

04 21 13 00-0015 Buff Or Gray Face Brick *(04 21 13 00-0001)*

04 21 13 00-0016	SF	Buff (Gray) Face Brick - Veneer (6.4/SF)	17.67	
		For Full Header Every 6th Course, Add	*0.56*	
		For English, Full Header Every Second Course, Add	*1.13*	
		For Flemish, Alternate Header Every Course, Add	*2.29*	
		For Curved Wall Application, Add	*2.82*	
		For Interior Veneer Construction, Add	*2.12*	
		For Stacked Bond, Add	*1.59*	
		For Battered Walls (Variable Depth Surface Placement), Add	*3.53*	
		For Corbels, Add	*10.58*	
		For Colored Mortar, Add	*0.36*	
		For Basket Weave Or Soldier Bond Pattern, Add	*1.59*	
		For Herringbone Pattern, Add	*2.47*	
		For Severe Weather (SW) Brick, Add	*0.53*	
		For Close Tolerance (FBX), Add	*1.68*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*21.34*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*14.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0017	SF	Buff (Gray) Face Brick - Cavity Wall (6.4/SF)	17.67	
		For Full Header Every 6th Course, Add	*0.56*	
		For English, Full Header Every Second Course, Add	*1.13*	
		For Flemish, Alternate Header Every Course, Add	*2.29*	
		For Curved Wall Application, Add	*2.82*	
		For Interior Veneer Construction, Add	*2.12*	
		For Stacked Bond, Add	*1.59*	
		For Battered Walls (Variable Depth Surface Placement), Add	*3.53*	
		For Corbels, Add	*10.58*	
		For Colored Mortar, Add	*0.36*	
		For Basket Weave Or Soldier Bond Pattern, Add	*1.59*	
		For Herringbone Pattern, Add	*2.47*	
		For Severe Weather (SW) Brick, Add	*0.53*	
		For Close Tolerance (FBX), Add	*1.68*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*21.34*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*14.29*	

04 21 13 00-0018 Other Brick Shapes *(04 21 13)*

04 21 13 00-0019 SCR Face Brick *(04 21 13 00-0018)*

Note: 2-2/3" x 6" x 12".

04 21 13 00-0020 SCR Face Brick, Red Face Running Bond *(04 21 13 00-0019)*

04 21 13 00-0021	SF	SCR Face Brick - Veneer (4.03/SF With Running Bond)	19.11	
		For Full Header Every 6th Course, Add	*0.55*	
		For English, Full Header Every Second Course, Add	*1.10*	
		For Flemish, Alternate Header Every Course, Add	*2.33*	
		For Curved Wall Application, Add	*2.76*	
		For Interior Veneer Construction, Add	*2.07*	
		For Stacked Bond, Add	*1.64*	
		For Battered Walls (Variable Depth Surface Placement), Add	*3.45*	
		For Corbels, Add	*10.34*	
		For Colored Mortar, Add	*0.53*	
		For Basket Weave Or Soldier Bond Pattern, Add	*1.64*	
		For Herringbone Pattern, Add	*2.60*	
		For Severe Weather (SW) Brick, Add	*0.80*	
		For Close Tolerance (FBX), Add	*1.78*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*20.94*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*14.05*	
04 21 13 00-0022	SF	SCR Face Brick - Cavity Wall (4.03/SF With Running Bond)	21.37	
		For Full Header Every 6th Course, Add	*0.64*	
		For English, Full Header Every Second Course, Add	*1.28*	
		For Flemish, Alternate Header Every Course, Add	*2.67*	
		For Curved Wall Application, Add	*3.21*	
		For Interior Veneer Construction, Add	*2.41*	
		For Stacked Bond, Add	*1.87*	
		For Battered Walls (Variable Depth Surface Placement), Add	*4.01*	
		For Corbels, Add	*12.03*	
		For Colored Mortar, Add	*0.53*	
		For Basket Weave Or Soldier Bond Pattern, Add	*1.87*	
		For Herringbone Pattern, Add	*2.94*	
		For Severe Weather (SW) Brick, Add	*0.80*	
		For Close Tolerance (FBX), Add	*2.00*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*24.33*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*16.31*	

04 21 13 00-0023 Fire Brick *(04 21 13 00-0018)*

Note: 3-1/5" x 4" x 12" or 6" Norwegian 3-1/5" x 6" x 12".

04 21 13 00-0024 Fire Brick, Red Face Running Bond *(04 21 13 00-0023)*

04 21 13 00-0025	SF	Fire Brick - Veneer (With Running Bond)	19.25	
		For Full Header Every 6th Course, Add	*0.55*	
		For English, Full Header Every Second Course, Add	*1.10*	
		For Flemish, Alternate Header Every Course, Add	*2.34*	
		For Curved Wall Application, Add	*2.76*	
		For Interior Veneer Construction, Add	*2.07*	
		For Stacked Bond, Add	*1.65*	
		For Battered Walls (Variable Depth Surface Placement), Add	*3.45*	
		For Corbels, Add	*10.34*	
		For Colored Mortar, Add	*0.55*	
		For Basket Weave Or Soldier Bond Pattern, Add	*1.65*	
		For Herringbone Pattern, Add	*2.61*	
		For Severe Weather (SW) Brick, Add	*0.82*	
		For Close Tolerance (FBX), Add	*1.79*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*20.94*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*14.05*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0026	SF	Fire Brick - Cavity Wall (With Running Bond)	21.51	
		For Full Header Every 6th Course, Add	*0.64*	
		For English, Full Header Every Second Course, Add	*1.28*	
		For Flemish, Alternate Header Every Course, Add	*2.68*	
		For Curved Wall Application, Add	*3.21*	
		For Interior Veneer Construction, Add	*2.41*	
		For Stacked Bond, Add	*1.88*	
		For Battered Walls (Variable Depth Surface Placement), Add	*4.01*	
		For Corbels, Add	*12.03*	
		For Colored Mortar, Add	*0.55*	
		For Basket Weave Or Soldier Bond Pattern, Add	*1.88*	
		For Herringbone Pattern, Add	*2.95*	
		For Severe Weather (SW) Brick, Add	*0.82*	
		For Close Tolerance (FBX), Add	*2.01*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*24.33*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*16.31*	

04 21 13 00-0027 Window Sill *(04 21 13)*

04 21 13 00-0028	LF	Window Sill, Face Brick On Edge	18.85	

04 21 19 Clay Tile Masonry *(04 21)*

04 21 19 00-0001 Scored Face, Hollow, Clay Backing Tile *(04 21 19)*

04 21 19 00-0002 Load Bearing, Scored Face, Hollow, Clay Backing Tile *(04 21 19 00-0001)*

04 21 19 00-0003	SF	4" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	16.13	
		For Smooth Face, One Side, Add	*0.99*	
		For Smooth Face, Two Sides, Add	*1.65*	
04 21 19 00-0004	SF	6" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	17.51	
		For Smooth Face, One Side, Add	*1.09*	
		For Smooth Face, Two Sides, Add	*1.83*	
04 21 19 00-0005	SF	8" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	19.60	
		For Smooth Face, One Side, Add	*1.26*	
		For Smooth Face, Two Sides, Add	*2.13*	
04 21 19 00-0006	SF	10" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	26.69	
		For Smooth Face, One Side, Add	*1.93*	
		For Smooth Face, Two Sides, Add	*3.33*	
04 21 19 00-0007	SF	12" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	34.91	
		For Smooth Face, One Side, Add	*2.68*	
		For Smooth Face, Two Sides, Add	*4.66*	

04 21 19 00-0008 Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile *(04 21 19 00-0001)*

04 21 19 00-0009	SF	3" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile	13.56	
		For Smooth Face, One Side, Add	*0.80*	
		For Smooth Face, Two Sides, Add	*1.32*	
04 21 19 00-0010	SF	4" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile	16.12	
		For Smooth Face, One Side, Add	*1.03*	
		For Smooth Face, Two Sides, Add	*1.73*	
04 21 19 00-0011	SF	6" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile	16.56	
		For Smooth Face, One Side, Add	*1.04*	
		For Smooth Face, Two Sides, Add	*1.76*	
04 21 19 00-0012	SF	8" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile	25.00	
		For Smooth Face, One Side, Add	*1.84*	
		For Smooth Face, Two Sides, Add	*3.18*	
04 21 19 00-0013	SF	12" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile	33.89	
		For Smooth Face, One Side, Add	*2.65*	
		For Smooth Face, Two Sides, Add	*4.62*	

04 21 26 Glazed Structural Clay Tile Masonry *(04 21)*

Note: Includes tile and mortar in all colors.

04 21 26 00-0001 6T Series Structural Glazed Clay Tile *(04 21 26)*

04 21 26 00-0002 Glazed On One Side 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*

04 21 26 00-0003	SF	2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	22.91	
		For Stacked Bond, Add	*1.50*	
04 21 26 00-0004	SF	4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	25.99	
		For Stacked Bond, Add	*1.50*	
		For 1 Hour Fire Rating, Add	*1.84*	
04 21 26 00-0005	SF	6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	31.29	
		For Stacked Bond, Add	*1.57*	
		For 2 Hour Fire Rating, Add	*2.34*	

04 21 26 00-0006 Special Shapes 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*

04 21 26 00-0007	LF	Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile	23.92	
		For Stacked Bond, Add	*1.78*	
04 21 26 00-0008	LF	2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile	28.03	
		For Stacked Bond, Add	*1.78*	

04 21 26 00-0009 8W Series Structural Glazed Clay Tile *(04 21 26)*

04 21 26 00-0010 Glazed On One Side 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 26 00-0011	SF	2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	18.31	
		For Stacked Bond, Add	*0.96*	
04 21 26 00-0012	SF	4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	22.56	
		For Stacked Bond, Add	*1.03*	
		For 1 Hour Fire Rating, Add	*1.74*	
04 21 26 00-0013	SF	6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	30.06	
		For Stacked Bond, Add	*1.09*	
		For 2 Hour Fire Rating, Add	*2.46*	
04 21 26 00-0014		Special Shapes 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*		
04 21 26 00-0015	LF	Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile	24.69	
		For Stacked Bond, Add	*1.23*	
04 21 26 00-0016	LF	2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile	24.74	
		For Stacked Bond, Add	*1.23*	
04 21 26 00-0017		4W Series Structural Glazed Clay Tile *(04 21 26)*		
04 21 26 00-0018		Glazed On One Side 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*		
04 21 26 00-0019	SF	2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	24.07	
		For Stacked Bond, Add	*1.50*	
04 21 26 00-0020	SF	4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	25.80	
		For Stacked Bond, Add	*1.50*	
		For 1 Hour Fire Rating, Add	*1.83*	
04 21 26 00-0021	SF	6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	31.86	
		For Stacked Bond, Add	*1.57*	
		For 2 Hour Fire Rating, Add	*2.40*	
04 21 26 00-0022		Special Shapes 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*		
04 21 26 00-0023	LF	Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile	24.18	
		For Stacked Bond, Add	*1.78*	
04 21 26 00-0024	LF	2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile	27.90	
		For Stacked Bond, Add	*1.78*	
04 21 29		**Terra Cotta Masonry** *(04 21)*		
04 21 29 00-0001		Coping *(04 21 29)*		
		Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.		
04 21 29 00-0002	CF	Thick Terra Cotta Coping (Veneer)	113.85	28.79
		For Smooth Tile Instead Of Scored, Add	*9.14*	
		For Reinforcing With Steel Rods, Add	*10.77*	
04 21 29 00-0003		Partition Or Back Up (Scored) *(04 21 29)*		
04 21 29 00-0004		Non-load Bearing, 12" x 12" *(04 21 29 00-0003)*		
04 21 29 00-0005	SF	3" Thick Terra Cotta, Non Load Bearing 12" x 12" Scored Face, Back-Up Partitions	12.53	
		For Smooth Tile Instead Of Scored, Add	*1.32*	
		For Reinforcing With Steel Rods, Add	*1.36*	
04 21 29 00-0006	SF	4" Thick Terra Cotta, Non Load Bearing 12" x 12" Scored Face, Back-Up Partitions	13.40	
		For Smooth Tile Instead Of Scored, Add	*1.38*	
		For Reinforcing With Steel Rods, Add	*1.44*	
04 21 29 00-0007	SF	6" Thick Terra Cotta, Non Load Bearing 12" x 12" Scored Face, Back-Up Partitions	16.84	
		For Smooth Tile Instead Of Scored, Add	*1.88*	
		For Reinforcing With Steel Rods, Add	*1.89*	
04 21 29 00-0008	SF	8" Thick Terra Cotta, Non Load Bearing 12" x 12" Scored Face, Back-Up Partitions	20.32	
		For Smooth Tile Instead Of Scored, Add	*2.37*	
		For Reinforcing With Steel Rods, Add	*2.33*	
04 21 29 00-0009		Load Bearing, 12" x 12" *(04 21 29 00-0003)*		
04 21 29 00-0010		In Walls *(04 21 29 00-0009)*		
04 21 29 00-0011	SF	4" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	14.07	
		For Smooth Tile Instead Of Scored, Add	*1.50*	
		For Reinforcing With Steel Rods, Add	*1.54*	
04 21 29 00-0012	SF	6" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	18.37	
		For Smooth Tile Instead Of Scored, Add	*2.16*	
		For Reinforcing With Steel Rods, Add	*2.12*	
04 21 29 00-0013	SF	8" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	21.81	
		For Smooth Tile Instead Of Scored, Add	*2.64*	
		For Reinforcing With Steel Rods, Add	*2.55*	
04 21 29 00-0014	SF	10" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	23.18	
		For Smooth Tile Instead Of Scored, Add	*2.70*	
		For Reinforcing With Steel Rods, Add	*2.66*	
04 21 29 00-0015	SF	12" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	27.72	
		For Smooth Tile Instead Of Scored, Add	*3.27*	
		For Reinforcing With Steel Rods, Add	*3.20*	
04 21 29 00-0016		In Floors *(04 21 29 00-0009)*		
04 21 29 00-0017	SF	4" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	12.16	
		For Smooth Tile Instead Of Scored, Add	*1.50*	
		For Reinforcing With Steel Rods, Add	*1.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 29 00-0018	SF	6" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	16.24	
		For Smooth Tile Instead Of Scored, Add	*2.16*	
		For Reinforcing With Steel Rods, Add	*2.01*	
04 21 29 00-0019	SF	8" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	19.63	
		For Smooth Tile Instead Of Scored, Add	*2.64*	
		For Reinforcing With Steel Rods, Add	*2.45*	
04 21 29 00-0020	SF	10" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	20.72	
		For Smooth Tile Instead Of Scored, Add	*2.70*	
		For Reinforcing With Steel Rods, Add	*2.53*	
04 21 29 00-0021	SF	12" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	24.54	
		For Smooth Tile Instead Of Scored, Add	*3.27*	
		For Reinforcing With Steel Rods, Add	*3.04*	

04 22 Concrete Unit Masonry *(04 20)*

Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04 05 19 13-0000 for joint reinforcing.

04 22 23 Architectural Concrete Unit Masonry *(04 22)*

04 22 23 13 Exposed Aggregate Concrete Unit Masonry *(04 22 23)*

04 22 23 13-0001 Back-Up Concrete Blocks *(04 22 23 13)*

04 22 23 13-0002 Back-Up Concrete Blocks *(04 22 23 13-0001)*

04 22 23 13-0003	SF	8" x 16" x 2", Solid, Back-Up Concrete Block	8.34	
		For Special Color, Add	*1.19*	
		For Stacked Bond, Add	*1.80*	
		For Scored Block, Add	*0.29*	
		For Curved Wall Application, Add	*1.38*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*10.47*	
04 22 23 13-0004	SF	8" x 16" x 4", Regular, Back-Up Concrete Block	8.50	
		For Special Color, Add	*1.03*	
		For Stacked Bond, Add	*1.89*	
		For Scored Block, Add	*0.25*	
		For Curved Wall Application, Add	*1.45*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*10.98*	
04 22 23 13-0005	SF	8" x 16" x 6", Regular, Back-Up Concrete Block	9.65	
		For Special Color, Add	*1.29*	
		For Stacked Bond, Add	*2.10*	
		For Scored Block, Add	*0.31*	
		For Curved Wall Application, Add	*1.62*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*12.25*	
04 22 23 13-0006	SF	8" x 16" x 8", Regular, Back-Up Concrete Block	10.38	
		For Special Color, Add	*1.50*	
		For Stacked Bond, Add	*2.23*	
		For Scored Block, Add	*0.36*	
		For Curved Wall Application, Add	*1.71*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*12.99*	
04 22 23 13-0007	SF	8" x 16" x 10", Regular, Back-Up Concrete Block	11.25	
		For Special Color, Add	*2.01*	
		For Stacked Bond, Add	*2.30*	
		For Scored Block, Add	*0.48*	
		For Curved Wall Application, Add	*1.77*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*13.43*	
04 22 23 13-0008	SF	8" x 16" x 12", Regular, Back-Up Concrete Block	13.30	
		For Special Color, Add	*2.10*	
		For Stacked Bond, Add	*2.80*	
		For Scored Block, Add	*0.51*	
		For Curved Wall Application, Add	*2.15*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*16.34*	

04 22 23 13-0009 Foundation Wall Concrete Blocks *(04 22 23 13)*

04 22 23 13-0010 Foundation Wall Concrete Blocks *(04 22 23 13-0009)*

04 22 23 13-0011	SF	8" x 16" x 6", Regular, Foundation Wall Concrete Block	8.73	
		For Special Color, Add	*1.29*	
		For Stacked Bond, Add	*1.86*	
		For Scored Block, Add	*0.31*	
		For Curved Wall Application, Add	*1.43*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*10.87*	
04 22 23 13-0012	SF	8" x 16" x 8", Regular, Foundation Wall Concrete Block	9.47	
		For Special Color, Add	*1.50*	
		For Stacked Bond, Add	*1.99*	
		For Scored Block, Add	*0.36*	
		For Curved Wall Application, Add	*1.53*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*11.63*	
04 22 23 13-0013	SF	8" x 16" x 10", Regular, Foundation Wall Concrete Block	10.86	
		For Special Color, Add	*2.01*	
		For Stacked Bond, Add	*2.19*	
		For Scored Block, Add	*0.48*	
		For Curved Wall Application, Add	*1.69*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*12.84*	
04 22 23 13-0014	SF	8" x 16" x 12", Regular, Foundation Wall Concrete Block	13.30	
		For Special Color, Add	*2.10*	
		For Stacked Bond, Add	*2.80*	
		For Scored Block, Add	*0.51*	
		For Curved Wall Application, Add	*2.15*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*16.34*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0015	SF	8" x 16" x 6", Solid, Foundation Wall Concrete Block	9.45	
		For Special Color, Add	*1.73*	
		For Stacked Bond, Add	*1.91*	
		For Scored Block, Add	*0.42*	
		For Curved Wall Application, Add	*1.47*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*11.20*	
04 22 23 13-0016	SF	8" x 16" x 8", Solid, Foundation Wall Concrete Block	10.44	
		For Special Color, Add	*2.04*	
		For Stacked Bond, Add	*2.07*	
		For Scored Block, Add	*0.49*	
		For Curved Wall Application, Add	*1.60*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*12.15*	
04 22 23 13-0017	SF	8" x 16" x 10", Solid, Foundation Wall Concrete Block	11.86	
		For Special Color, Add	*2.51*	
		For Stacked Bond, Add	*2.30*	
		For Scored Block, Add	*0.61*	
		For Curved Wall Application, Add	*1.77*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*13.47*	
04 22 23 13-0018	SF	8" x 16" x 12", Solid, Foundation Wall Concrete Block	14.58	
		For Special Color, Add	*2.71*	
		For Stacked Bond, Add	*2.94*	
		For Scored Block, Add	*0.65*	
		For Curved Wall Application, Add	*2.26*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*17.21*	

04 22 23 13-0019 Partition Concrete Blocks *(04 22 23 13)*

04 22 23 13-0020 Lightweight, Regular, Partition Concrete Blocks *(04 22 23 13-0019)*

04 22 23 13-0021	SF	8" x 16" x 4", Lightweight, Regular, Partition Concrete Block	8.59	
		For Special Color, Add	*1.10*	
		For Stacked Bond, Add	*1.89*	
		For Scored Block, Add	*0.27*	
		For Curved Wall Application, Add	*1.45*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*10.99*	
04 22 23 13-0022	SF	8" x 16" x 6", Lightweight, Regular, Partition Concrete Block	9.56	
		For Special Color, Add	*1.40*	
		For Stacked Bond, Add	*2.05*	
		For Scored Block, Add	*0.34*	
		For Curved Wall Application, Add	*1.57*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*11.93*	
04 22 23 13-0023	SF	8" x 16" x 8", Lightweight, Regular, Partition Concrete Block	10.34	
		For Special Color, Add	*1.58*	
		For Stacked Bond, Add	*2.19*	
		For Scored Block, Add	*0.38*	
		For Curved Wall Application, Add	*1.69*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*12.80*	
04 22 23 13-0024	SF	8" x 16" x 10", Lightweight, Regular, Partition Concrete Block	11.36	
		For Special Color, Add	*2.10*	
		For Stacked Bond, Add	*2.30*	
		For Scored Block, Add	*0.51*	
		For Curved Wall Application, Add	*1.77*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*13.43*	
04 22 23 13-0025	SF	8" x 16" x 12", Lightweight, Regular, Partition Concrete Block	13.49	
		For Special Color, Add	*2.26*	
		For Stacked Bond, Add	*2.80*	
		For Scored Block, Add	*0.54*	
		For Curved Wall Application, Add	*2.15*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*16.36*	

04 22 23 13-0026 Lightweight, Solid, Partition Concrete Blocks *(04 22 23 13-0019)*

04 22 23 13-0027	SF	8" x 16" x 4", Lightweight, Solid, Partition Concrete Block	9.22	
		For Special Color, Add	*1.47*	
		For Stacked Bond, Add	*1.94*	
		For Scored Block, Add	*0.35*	
		For Curved Wall Application, Add	*1.49*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*11.31*	
04 22 23 13-0028	SF	8" x 16" x 6", Lightweight, Solid, Partition Concrete Block	10.12	
		For Special Color, Add	*1.59*	
		For Stacked Bond, Add	*2.13*	
		For Scored Block, Add	*0.38*	
		For Curved Wall Application, Add	*1.64*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*12.44*	
04 22 23 13-0029	SF	8" x 16" x 8", Lightweight, Solid, Partition Concrete Block	10.68	
		For Special Color, Add	*1.64*	
		For Stacked Bond, Add	*2.26*	
		For Scored Block, Add	*0.40*	
		For Curved Wall Application, Add	*1.74*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*13.20*	
04 22 23 13-0030	SF	8" x 16" x 10", Lightweight, Solid, Partition Concrete Block	11.85	
		For Special Color, Add	*2.27*	
		For Stacked Bond, Add	*2.37*	
		For Scored Block, Add	*0.55*	
		For Curved Wall Application, Add	*1.82*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*13.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0031	SF	8" x 16" x 12", Lightweight, Solid, Partition Concrete Block	14.05	
		For Special Color, Add	*2.43*	
		For Stacked Bond, Add	*2.89*	
		For Scored Block, Add	*0.59*	
		For Curved Wall Application, Add	*2.22*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*16.90*	

04 22 23 13-0032 Normal Weight, Regular, Partition Concrete Blocks *(04 22 23 13-0019)*

04 22 23 13-0033	SF	8" x 16" x 4", Normal Weight, Regular, Partition Concrete Block	8.78	
		For Special Color, Add	*1.10*	
		For Stacked Bond, Add	*1.94*	
		For Scored Block, Add	*0.27*	
		For 4" High (Half Height) Block, Add	*1.29*	
		For Curved Wall Application, Add	*1.49*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*11.27*	
04 22 23 13-0034	SF	8" x 16" x 6", Normal Weight, Regular, Partition Concrete Block	9.72	
		For Special Color, Add	*1.26*	
		For Stacked Bond, Add	*2.13*	
		For Scored Block, Add	*0.30*	
		For 4" High (Half Height) Block, Add	*1.44*	
		For Curved Wall Application, Add	*1.64*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*12.41*	
04 22 23 13-0035	SF	8" x 16" x 8", Normal Weight, Regular, Partition Concrete Block	10.45	
		For Special Color, Add	*1.45*	
		For Stacked Bond, Add	*2.26*	
		For Scored Block, Add	*0.35*	
		For 4" High (Half Height) Block, Add	*1.59*	
		For Curved Wall Application, Add	*1.74*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*13.18*	
04 22 23 13-0036	SF	8" x 16" x 10", Normal Weight, Regular, Partition Concrete Block	12.48	
		For Special Color, Add	*2.80*	
		For Stacked Bond, Add	*2.37*	
		For Scored Block, Add	*0.67*	
		For 4" High (Half Height) Block, Add	*2.29*	
		For Curved Wall Application, Add	*1.82*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*13.92*	
04 22 23 13-0037	SF	8" x 16" x 12", Normal Weight, Regular, Partition Concrete Block	14.60	
		For Special Color, Add	*2.89*	
		For Stacked Bond, Add	*2.89*	
		For Scored Block, Add	*0.70*	
		For 4" High (Half Height) Block, Add	*2.54*	
		For Curved Wall Application, Add	*2.22*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*16.94*	

04 22 23 13-0038 Normal Weight, Solid, Partition Concrete Blocks *(04 22 23 13-0019)*

04 22 23 13-0039	SF	8" x 16" x 4", Normal Weight, Solid, Partition Concrete Block	9.35	
		For Special Color, Add	*1.40*	
		For Stacked Bond, Add	*1.99*	
		For Scored Block, Add	*0.34*	
		For 4" High (Half Height) Block, Add	*1.46*	
		For Curved Wall Application, Add	*1.53*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*11.62*	
04 22 23 13-0040	SF	8" x 16" x 6", Normal Weight, Solid, Partition Concrete Block	10.00	
		For Special Color, Add	*1.29*	
		For Stacked Bond, Add	*2.19*	
		For Scored Block, Add	*0.31*	
		For 4" High (Half Height) Block, Add	*1.48*	
		For Curved Wall Application, Add	*1.69*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*12.78*	
04 22 23 13-0041	SF	8" x 16" x 8", Normal Weight, Solid, Partition Concrete Block	10.78	
		For Special Color, Add	*1.50*	
		For Stacked Bond, Add	*2.33*	
		For Scored Block, Add	*0.36*	
		For 4" High (Half Height) Block, Add	*1.64*	
		For Curved Wall Application, Add	*1.79*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*13.59*	
04 22 23 13-0042	SF	8" x 16" x 10", Normal Weight, Solid, Partition Concrete Block	11.83	
		For Special Color, Add	*2.01*	
		For Stacked Bond, Add	*2.45*	
		For Scored Block, Add	*0.48*	
		For 4" High (Half Height) Block, Add	*1.93*	
		For Curved Wall Application, Add	*1.88*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*14.30*	
04 22 23 13-0043	SF	8" x 16" x 12", Normal Weight, Solid, Partition Concrete Block	14.04	
		For Special Color, Add	*2.10*	
		For Stacked Bond, Add	*2.99*	
		For Scored Block, Add	*0.51*	
		For 4" High (Half Height) Block, Add	*2.19*	
		For Curved Wall Application, Add	*2.30*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*17.45*	

04 22 23 13-0044 High Strength Concrete Blocks *(04 22 23 13)*

04 22 23 13-0045 3,500 PSI, High Strength Concrete Blocks *(04 22 23 13-0044)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0046	SF	8" x 16" x 2", 3,500 PSI, High Strength Concrete Block	8.43	
		For Special Color, Add	*1.12*	
		For Stacked Bond, Add	*1.84*	
		For Scored Block, Add	*0.27*	
		For Curved Wall Application, Add	*1.42*	
04 22 23 13-0047	SF	8" x 16" x 4", 3,500 PSI, High Strength Concrete Block	8.71	
		For Special Color, Add	*1.05*	
		For Stacked Bond, Add	*1.94*	
		For Scored Block, Add	*0.25*	
		For Curved Wall Application, Add	*1.49*	
04 22 23 13-0048	SF	8" x 16" x 6", 3,500 PSI, High Strength Concrete Block	9.82	
		For Special Color, Add	*1.34*	
		For Stacked Bond, Add	*2.13*	
		For Scored Block, Add	*0.32*	
		For Curved Wall Application, Add	*1.64*	
04 22 23 13-0049	SF	8" x 16" x 8", 3,500 PSI, High Strength Concrete Block	10.63	
		For Special Color, Add	*1.60*	
		For Stacked Bond, Add	*2.26*	
		For Scored Block, Add	*0.39*	
		For Curved Wall Application, Add	*1.74*	
04 22 23 13-0050	SF	8" x 16" x 10", 3,500 PSI, High Strength Concrete Block	11.94	
		For Special Color, Add	*2.22*	
		For Stacked Bond, Add	*2.41*	
		For Scored Block, Add	*0.54*	
		For Curved Wall Application, Add	*1.85*	
04 22 23 13-0051	SF	8" x 16" x 12", 3,500 PSI, High Strength Concrete Block	13.94	
		For Special Color, Add	*2.34*	
		For Stacked Bond, Add	*2.89*	
		For Scored Block, Add	*0.56*	
		For Curved Wall Application, Add	*2.22*	

04 22 23 13-0052 Solar Screen Concrete Blocks *(04 22 23 13)*

04 22 23 13-0053 Solar Screen Concrete Blocks *(04 22 23 13-0052)*

04 22 23 13-0054	SF	6" x 6" x 4" Solar Screen Concrete Block	11.85	
		For Special Color, Add	*2.62*	
		For Stacked Bond, Add	*2.26*	
		For Scored Block, Add	*0.63*	
		For Curved Wall Application, Add	*1.74*	
04 22 23 13-0055	SF	8" x 8" x 4" Solar Screen Concrete Block	12.74	
		For Special Color, Add	*2.66*	
		For Stacked Bond, Add	*2.48*	
		For Scored Block, Add	*0.64*	
		For Curved Wall Application, Add	*1.91*	
04 22 23 13-0056	SF	12" x 12" x 4" Solar Screen Concrete Block	14.68	
		For Special Color, Add	*3.34*	
		For Stacked Bond, Add	*2.77*	
		For Scored Block, Add	*0.80*	
		For Curved Wall Application, Add	*2.13*	
04 22 23 13-0057	SF	8" x 16" x 8" Solar Screen Concrete Block	20.70	
		For Special Color, Add	*4.11*	
		For Stacked Bond, Add	*4.10*	
		For Scored Block, Add	*0.99*	
		For Curved Wall Application, Add	*3.15*	

04 22 23 13-0058 Bond Beam Or Lintel Concrete Blocks *(04 22 23 13)*

04 22 23 13-0059 Bond Beam Or Lintel Concrete Blocks *(04 22 23 13-0058)*

Note: Excludes concrete fill and reinforcing. See CSI section 04 05 16 26-0000 for concrete fill.

04 22 23 13-0060	LF	8" x 16" x 6" Regular Weight, Bond Beam Or Lintel Concrete Block	9.98	
		For Special Color, Add	*1.48*	
		For Stacked Bond, Add	*2.13*	
		For Grout And Fill With 2 #5 Rebar, Add	*5.88*	
		For Scored Block, Add	*0.36*	
		For Curved Wall Application, Add	*1.64*	
04 22 23 13-0061	LF	8" x 16" x 8" Regular Weight, Bond Beam Or Lintel Concrete Block	10.91	
		For Special Color, Add	*1.83*	
		For Stacked Bond, Add	*2.26*	
		For Grout And Fill With 2 #5 Rebar, Add	*6.56*	
		For Scored Block, Add	*0.44*	
		For Curved Wall Application, Add	*1.74*	
04 22 23 13-0062	LF	8" x 16" x 12" Regular Weight, Bond Beam Or Lintel Concrete Block	13.49	
		For Special Color, Add	*1.97*	
		For Stacked Bond, Add	*2.89*	
		For Grout And Fill With 2 #5 Rebar, Add	*7.93*	
		For Scored Block, Add	*0.47*	
		For Curved Wall Application, Add	*2.22*	
04 22 23 13-0063	LF	8" x 16" x 6" Lightweight, Bond Beam Or Lintel Concrete Block	9.95	
		For Special Color, Add	*1.73*	
		For Stacked Bond, Add	*2.05*	
		For Grout And Fill With 2 #5 Rebar, Add	*6.02*	
		For Scored Block, Add	*0.42*	
		For Curved Wall Application, Add	*1.57*	
04 22 23 13-0064	LF	8" x 16" x 8" Lightweight, Bond Beam Or Lintel Concrete Block	10.95	
		For Special Color, Add	*2.08*	
		For Stacked Bond, Add	*2.19*	
		For Grout And Fill With 2 #5 Rebar, Add	*6.73*	
		For Scored Block, Add	*0.50*	
		For Curved Wall Application, Add	*1.69*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0065	LF	8" x 16" x 12" Lightweight, Bond Beam Or Lintel Concrete Block	13.44	
		For Special Color, Add	*2.22*	
		For Stacked Bond, Add	*2.80*	
		For Grout And Fill With 2 #5 Rebar, Add	*8.06*	
		For Scored Block, Add	*0.53*	
		For Curved Wall Application, Add	*2.15*	

04 22 23 23 Prefaced Concrete Unit Masonry *(04 22 23)*

04 22 23 23-0001 Ground Face Concrete Blocks *(04 22 23 23)*

04 22 23 23-0002	SF	8" x 16" x 4" Ground Face Concrete Block	11.24	
		For Special Color, Add	*1.77*	
		For Stacked Bond, Add	*2.37*	
		For Scored Block, Add	*0.43*	
		For Curved Wall Application, Add	*1.82*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*13.82*	
04 22 23 23-0003	SF	8" x 16" x 6" Ground Face Concrete Block	12.67	
		For Special Color, Add	*2.01*	
		For Stacked Bond, Add	*2.67*	
		For Scored Block, Add	*0.48*	
		For Curved Wall Application, Add	*2.05*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*15.56*	
04 22 23 23-0004	SF	8" x 16" x 8" Ground Face Concrete Block	13.70	
		For Special Color, Add	*2.38*	
		For Stacked Bond, Add	*2.82*	
		For Scored Block, Add	*0.57*	
		For Curved Wall Application, Add	*2.17*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*16.46*	
04 22 23 23-0005	SF	8" x 16" x 10" Ground Face Concrete Block	14.64	
		For Special Color, Add	*2.62*	
		For Stacked Bond, Add	*2.98*	
		For Scored Block, Add	*0.63*	
		For Curved Wall Application, Add	*2.30*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*17.46*	
04 22 23 23-0006	SF	8" x 16" x 12" Ground Face Concrete Block	17.35	
		For Special Color, Add	*2.86*	
		For Stacked Bond, Add	*3.61*	
		For Scored Block, Add	*0.69*	
		For Curved Wall Application, Add	*2.78*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*21.11*	

04 22 23 26 Sound-Absorbing Concrete Unit Masonry *(04 22 23)*

04 22 23 26-0001 Acoustical Slotted Concrete Block *(04 22 23 26)*

04 22 23 26-0002	SF	4" Thick, .45 - .55 NRC, Slotted, Acoustical Concrete Block	14.99	
		For Special Color, Add	*0.53*	
		For Stacked Bond, Add	*0.91*	
04 22 23 26-0003	SF	6" Thick, .45 - .55 NRC, Slotted, Acoustical Concrete Block	16.79	
		For Special Color, Add	*0.62*	
		For Stacked Bond, Add	*0.99*	
04 22 23 26-0004	SF	8" Thick, .50 - .60 NRC, Slotted, Acoustical Concrete Block	19.32	
		For Special Color, Add	*0.76*	
		For Stacked Bond, Add	*1.08*	
04 22 23 26-0005	SF	4" Thick, .65 - .75 NRC, Slotted With Filled Cavities, Acoustical Concrete Block	20.33	
		For Special Color, Add	*1.01*	
		For Stacked Bond, Add	*0.91*	
04 22 23 26-0006	SF	8" Thick, .50 - .60 NRC, Slotted With Filled Cavities, Acoustical Concrete Block	20.33	
		For Special Color, Add	*0.86*	
		For Stacked Bond, Add	*1.08*	
04 22 23 26-0007	SF	8" Thick, .60 - .75 NRC, Slotted With Filled Cavities, Acoustical Concrete Block	21.67	
		For Special Color, Add	*0.98*	
		For Stacked Bond, Add	*1.08*	

04 22 23 29 Split-Face Concrete Unit Masonry *(04 22 23)*

04 22 23 29-0001 Modified Face Concrete Blocks *(04 22 23 29)*

04 22 23 29-0002 Plain Or Scored Split Faced Concrete Blocks *(04 22 23 29-0001)*

04 22 23 29-0003	SF	8" x 16" x 4" Plain Or Scored Split Face Concrete Block	11.49	
		For Special Color, Add	*1.98*	
		For Stacked Bond, Add	*2.37*	
		For Curved Wall Application, Add	*1.82*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*13.84*	
04 22 23 29-0004	SF	8" x 16" x 6" Plain Or Scored Split Face Concrete Block	12.97	
		For Special Color, Add	*2.26*	
		For Stacked Bond, Add	*2.67*	
		For Curved Wall Application, Add	*2.05*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*15.58*	
04 22 23 29-0005	SF	8" x 16" x 8" Plain Or Scored Split Face Concrete Block	14.03	
		For Special Color, Add	*2.66*	
		For Stacked Bond, Add	*2.82*	
		For Curved Wall Application, Add	*2.17*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*16.49*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 29-0006	SF	8" x 16" x 10" Plain Or Scored Split Face Concrete Block	15.04	
		For Special Color, Add	*2.95*	
		For Stacked Bond, Add	*2.98*	
		For Curved Wall Application, Add	*2.30*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*17.49*	
04 22 23 29-0007	SF	8" x 16" x 12" Plain Or Scored Split Face Concrete Block	17.33	
		For Special Color, Add	*2.85*	
		For Stacked Bond, Add	*3.61*	
		For Curved Wall Application, Add	*2.78*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*21.11*	
04 22 23 29-0008		Plain Or Scored Split Faced Bond Beam Or Lintel Concrete Blocks *(04 22 23 29-0001)*		
04 22 23 29-0009	SF	8" x 16" x 4" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks	12.09	
		For Special Color, Add	*2.47*	
		For Stacked Bond, Add	*2.37*	
		For Grout And Fill With 2 #5 Rebar, Add	*7.54*	
		For Curved Wall Application, Add	*1.82*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*13.89*	
04 22 23 29-0010	SF	8" x 16" x 6" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks	13.65	
		For Special Color, Add	*2.82*	
		For Stacked Bond, Add	*2.67*	
		For Grout And Fill With 2 #5 Rebar, Add	*8.53*	
		For Curved Wall Application, Add	*2.05*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*15.63*	
04 22 23 29-0011	SF	8" x 16" x 8" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks	14.83	
		For Special Color, Add	*3.32*	
		For Stacked Bond, Add	*2.82*	
		For Grout And Fill With 2 #5 Rebar, Add	*9.42*	
		For Curved Wall Application, Add	*2.17*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*16.55*	
04 22 23 29-0012	SF	8" x 16" x 10" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks	15.93	
		For Special Color, Add	*3.69*	
		For Stacked Bond, Add	*2.98*	
		For Grout And Fill With 2 #5 Rebar, Add	*10.19*	
		For Curved Wall Application, Add	*2.30*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*17.55*	
04 22 23 29-0013	SF	8" x 16" x 12" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks	18.19	
		For Special Color, Add	*3.56*	
		For Stacked Bond, Add	*3.61*	
		For Grout And Fill With 2 #5 Rebar, Add	*11.24*	
		For Curved Wall Application, Add	*2.78*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*21.17*	
04 22 23 29-0014		Profile Units, Split Rib Concrete Block *(04 22 23 29)*		
04 22 23 29-0015		1" Deep Ribs, Profile Units, Split Rib Concrete Block *(04 22 23 29-0014)*		
04 22 23 29-0016	SF	8" x 16" x 4", 1" Deep Ribs, Profile Units, Split Rib Concrete Block	11.30	
		For Special Color, Add	*1.82*	
		For Stacked Bond, Add	*2.37*	
		For Scored Block, Add	*0.44*	
		For Curved Wall Application, Add	*1.82*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*13.83*	
04 22 23 29-0017	SF	8" x 16" x 6", 1" Deep Ribs, Profile Units, Split Rib Concrete Block	13.41	
		For Special Color, Add	*2.62*	
		For Stacked Bond, Add	*2.67*	
		For Scored Block, Add	*0.63*	
		For Curved Wall Application, Add	*2.05*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*15.61*	
04 22 23 29-0018	SF	8" x 16" x 8", 1" Deep Ribs, Profile Units, Split Rib Concrete Block	14.26	
		For Special Color, Add	*2.85*	
		For Stacked Bond, Add	*2.82*	
		For Scored Block, Add	*0.69*	
		For Curved Wall Application, Add	*2.17*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*16.50*	
04 22 23 29-0019	SF	8" x 16" x 10", 1" Deep Ribs, Profile Units, Split Rib Concrete Block	15.23	
		For Special Color, Add	*3.11*	
		For Stacked Bond, Add	*2.98*	
		For Scored Block, Add	*0.75*	
		For Curved Wall Application, Add	*2.30*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*17.50*	
04 22 23 29-0020	SF	8" x 16" x 12", 1" Deep Ribs, Profile Units, Split Rib Concrete Block	18.01	
		For Special Color, Add	*3.41*	
		For Stacked Bond, Add	*3.61*	
		For Scored Block, Add	*0.82*	
		For Curved Wall Application, Add	*2.78*	
		For Small Area Replacements (Individual Areas) <10 SF, Add	*21.16*	
04 22 23 31		**Glazed Concrete Masonry Unit** *(04 22 23)*		
		Note: Includes concrete block and mortar.		
04 22 23 31-0001		One Glazed Face Concrete Blocks *(04 22 23 31)*		
04 22 23 31-0002		One Glazed Face Concrete Blocks *(04 22 23 31-0001)*		
04 22 23 31-0003	SF	4" Thick, One Glazed Face Concrete Block	19.36	
		For Special Shapes, Add	*10.53*	
04 22 23 31-0004	SF	6" Thick, One Glazed Face Concrete Block	20.75	
		For Special Shapes, Add	*11.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 31-0005	SF	8" Thick, One Glazed Face Concrete Block	21.97	
		For Special Shapes, Add	*11.72*	
04 22 23 31-0006	SF	10" Thick, One Glazed Face Concrete Block	23.27	
		For Special Shapes, Add	*12.44*	
04 22 23 31-0007	SF	12" Thick, One Glazed Face Concrete Block	26.14	
		For Special Shapes, Add	*13.05*	

04 22 23 31-0008 Two Glazed Faces Concrete Blocks *(04 22 23 31)*

04 22 23 31-0009 Two Glazed Faces Concrete Blocks *(04 22 23 31-0008)*

04 22 23 31-0010	SF	4" Thick, Two Glazed Faces Concrete Block	25.71	
		For Special Shapes, Add	*15.64*	
04 22 23 31-0011	SF	6" Thick, Two Glazed Faces Concrete Block	26.99	
		For Special Shapes, Add	*16.16*	
04 22 23 31-0012	SF	8" Thick, Two Glazed Faces Concrete Block	28.81	
		For Special Shapes, Add	*16.85*	

04 22 23 31-0013 Glazed Cove Base Concrete Blocks *(04 22 23 31)*

04 22 23 31-0014	LF	2" Thick, Glazed Cove Base Concrete Block	20.91	
		For Special Shapes, Add	*9.43*	
04 22 23 31-0015	LF	4" Thick, Glazed Cove Base Concrete Block	22.11	
		For Special Shapes, Add	*9.63*	
04 22 23 31-0016	LF	6" Thick, Glazed Cove Base Concrete Block	23.70	
		For Special Shapes, Add	*10.04*	
04 22 23 31-0017	LF	8" Thick, Glazed Cove Base Concrete Block	25.25	
		For Special Shapes, Add	*10.53*	

04 22 23 31-0018 Glazed Corner, Bullnose Or Square Concrete Blocks *(04 22 23 31)*

04 22 23 31-0019	EA	2" Thick, Glazed Corner, Bullnose Or Square Concrete Block	27.18	
		For Special Shapes, Add	*18.07*	
04 22 23 31-0020	EA	4" Thick, Glazed Corner, Bullnose Or Square Concrete Block	31.67	
		For Special Shapes, Add	*21.60*	
04 22 23 31-0021	EA	6" Thick, Glazed Corner, Bullnose Or Square Concrete Block	33.83	
		For Special Shapes, Add	*22.79*	
04 22 23 31-0022	EA	8" Thick, Glazed Corner, Bullnose Or Square Concrete Block	35.49	
		For Special Shapes, Add	*24.01*	
04 22 23 31-0023	EA	10" Thick, Glazed Corner, Bullnose Or Square Concrete Block	54.13	
		For Special Shapes, Add	*42.17*	
04 22 23 31-0024	EA	12" Thick, Glazed Corner, Bullnose Or Square Concrete Block	61.65	
		For Special Shapes, Add	*47.14*	

04 23 Glass Unit Masonry *(04 20)*

04 23 13 Vertical Glass Unit Masonry *(04 23)*

Note: Includes 1/4" mortar joints and caulking. Excludes joint reinforcement and anchors.

04 23 13 00-0001 Glass Block Unit Masonry *(04 23 13)*

04 23 13 00-0002	SF	6" x 6" x 4" Plain Glass Block	39.49	
		For Solar Reflective (Suntrol) Blocks, Add	*5.69*	
		For Essex (Horizontal Striated) Blocks, Add	*3.25*	
		For Sculptured Or Patterned Blocks, Add	*5.69*	
		For Colored Glass, Add	*16.25*	
		For Thinline Block, Deduct	*-4.06*	
		For >1000 To 5000, Deduct	*-3.13*	
		For >5000, Deduct	*-5.09*	
04 23 13 00-0003	SF	8" x 8" x 4" Plain Glass Block	28.59	
		For Solar Reflective (Suntrol) Blocks, Add	*4.03*	
		For Essex (Horizontal Striated) Blocks, Add	*2.30*	
		For Sculptured Or Patterned Blocks, Add	*4.03*	
		For Colored Glass, Add	*11.51*	
		For Thinline Block, Deduct	*-2.88*	
		For >1000 To 5000, Deduct	*-2.28*	
		For >5000, Deduct	*-3.70*	
04 23 13 00-0004	SF	12" x 12" x 4" Plain Glass Block	30.41	
		For Solar Reflective (Suntrol) Blocks, Add	*5.15*	
		For Essex (Horizontal Striated) Blocks, Add	*2.94*	
		For Sculptured Or Patterned Blocks, Add	*5.15*	
		For Colored Glass, Add	*14.70*	
		For Thinline Block, Deduct	*-3.68*	
		For >1000 To 5000, Deduct	*-2.30*	
		For >5000, Deduct	*-3.82*	

04 23 13 00-0005 Solid Glass Block (Vistabrik®) *(04 23 13)*

04 23 13 00-0006	SF	3" x 8" x 3" Solid Glass Block (Vistabrik®)	296.19	
04 23 13 00-0007	SF	4" x 8" x 3" Solid Glass Block (Vistabrik®)	226.97	
04 23 13 00-0008	SF	6" x 8" x 3" Solid Glass Block (Vistabrik®)	158.58	
04 23 13 00-0009	SF	8" x 8" x 3" Solid Glass Block (Vistabrik®)	111.49	

04 40 Stone Assemblies *(04)*

Note: Includes pointing and cleaning of new stone and mortar. All stone prices include material and mortar.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 41 Dry-Placed Stone *(04 40)*				
04 41 00 00-0001		Ashlar Veneer, Random Size, Square Cut Rough Stone *(04 41)*		
04 41 00 00-0002	SF	4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	27.90	5.86
04 41 00 00-0003	SF	6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	28.61	5.86
04 42 Exterior Stone Cladding *(04 40)*				
04 42 43 Stone Panels For Curtain Walls *(04 42)*				
04 42 43 00-0001		Marble Facing Panels *(04 42 43)* Note: 3' x 1.5'		
04 42 43 00-0002	SF	3/4" Thick Marble Facing Panels	55.43	12.06
04 42 43 00-0003	SF	7/8" Thick Marble Facing Panels	58.76	12.21
04 42 43 00-0004	SF	1-1/2" Thick Marble Facing Panels	68.48	12.44
04 42 43 00-0005	SF	2" Thick Marble Facing Panels	75.59	12.83
04 42 43 00-0006	SF	2-1/4" Thick Marble Facing Panels	80.57	13.61
04 42 43 00-0007	CF	Marble Face Panel	344.76	44.33
04 42 43 00-0008		Smooth Limestone Panels *(04 42 43)* Note: Up to 12' x 5' panels.		
04 42 43 00-0009	SF	1-1/2" Thick Smooth Limestone Panels	45.58	24.18
04 42 43 00-0010	SF	2" Thick Smooth Limestone Panels	48.48	25.35
04 42 43 00-0011	SF	3" Thick Smooth Limestone Panels	51.58	26.52
04 42 43 00-0012	SF	4" Thick Smooth Limestone Panels	60.53	29.16
04 42 43 00-0013		Sandstone Panels *(04 42 43)*		
04 42 43 00-0014	SF	2-1/2" Thick Sandstone Panels	53.42	25.35
04 42 43 00-0015	SF	4" Thick Sandstone Panels	58.01	29.16
04 42 43 00-0016	SF	Split Face Sandstone Panels, Random Sizes	52.14	29.16
04 43 Stone Masonry *(04 40)*				
04 43 00 00-0001		Marble *(04 43)*		
04 43 00 00-0002		Marble Base *(04 43 00 00-0001)* Note: 1" thick.		
04 43 00 00-0003	LF	4" High Marble Base	79.79	49.41
04 43 00 00-0004	LF	6" High Marble Base	90.99	53.83
04 43 00 00-0005		Marble Columns *(04 43 00 00-0001)*		
04 43 00 00-0006	CF	Plain Faced Solid Marble Columns	232.41	44.33
04 43 00 00-0007	CF	Fluted, Carved Solid Marble Columns	397.48	44.33
04 43 00 00-0008		Marble Flooring *(04 43 00 00-0001)*		
04 43 00 00-0009	SF	3/8" Uniform Color Marble Flooring	22.91	11.32
04 43 00 00-0010	SF	1/2" Uniform Color Marble Flooring	24.74	11.32
04 43 00 00-0011	SF	1/2" Travertine Marble Flooring	29.80	12.92
04 43 00 00-0012		Marble Items *(04 43 00 00-0001)*		
04 43 00 00-0013	LF	12" Marble Stair Treads	63.42	17.90
04 43 00 00-0014	LF	6" Wide Marble Stair Risers	48.16	14.35
04 43 00 00-0015	LF	6" Wide x 2" Thick Marble Window Sills	28.38	10.58
04 43 00 00-0016	LF	5" Wide x 7/8" Thick Marble Window Stool, Polished	56.74	12.99
04 43 00 00-0017	SF	7/8" Thick, Non Skid, Marble Patio Blocks	30.32	16.40
04 43 00 00-0018		Limestone *(04 43)*		
04 43 00 00-0019		Ashlar Veneer Limestone *(04 43 00 00-0018)*		
04 43 00 00-0020	SF	4" Ashlar Veneer Limestone, Random Sizes	50.22	17.90
04 43 00 00-0021	SF	6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes	77.46	24.60
		For High Lime Historic Mortar, Add	*0.04*	
04 43 00 00-0022		Limestone Items *(04 43 00 00-0018)*		
04 43 00 00-0023	CF	Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim	150.36	60.26
04 43 00 00-0024		Limestone Coping *(04 43 00 00-0018)* Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties.		
04 43 00 00-0025	SF	2-1/2" Thick Limestone Coping	23.75	6.22
04 43 00 00-0026	SF	3" Thick Limestone Coping	26.80	6.61
04 43 00 00-0027	SF	3-1/2" Thick Limestone Coping	29.84	7.00
04 43 00 00-0028	SF	4" Thick Limestone Coping	32.10	7.23
04 43 00 00-0029	SF	5" Thick Limestone Coping	37.40	7.39
04 43 00 00-0030	SF	6" Thick Limestone Coping	56.02	7.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 43 00 00-0031	CF	>6" Thick Limestone Coping	92.30	16.07
04 43 00 00-0032		Limestone Stair Treads *(04 43 00 00-0018)*		
04 43 00 00-0033	SF	2" Thick Limestone Treads	27.55	5.84
04 43 00 00-0034	SF	2-1/2" Thick Limestone Treads	29.41	6.22
04 43 00 00-0035	SF	3" Thick Limestone Treads	33.12	6.61
04 43 00 00-0036	SF	3-1/2" Thick Limestone Treads	36.04	7.00
04 43 00 00-0037	SF	4" Thick Limestone Treads	38.97	7.00
04 43 00 00-0038	SF	5" Thick Limestone Treads	43.27	7.39
04 43 00 00-0039	SF	6" Thick Limestone Tread, Smooth Finish	61.77	7.78
04 43 00 00-0040		Granite *(04 43)*		
04 43 00 00-0041		Polished Granite Veneer Facing Panels *(04 43 00 00-0040)*		
		Note: Excludes structural support steel.		
04 43 00 00-0042	SF	7/8" Thick Black Polished Granite Veneer Facing Panels	70.58	24.34
04 43 00 00-0043	SF	7/8" Thick Gray Polished Granite Veneer Facing Panels	64.54	24.34
04 43 00 00-0044		Granite Stair Treads *(04 43 00 00-0040)*		
04 43 00 00-0045	SF	2" Thick Granite Stair Tread	41.17	5.84
04 43 00 00-0046		Slate *(04 43)*		
04 43 00 00-0047		Slate Panels Or Sills *(04 43 00 00-0046)*		
04 43 00 00-0048	SF	1" Thick Slate Panels	47.34	24.34
04 43 00 00-0049	SF	2" Thick Slate Panels	56.98	24.34
04 43 00 00-0050		Slate Sills Or Stools *(04 43 00 00-0046)*		
04 43 00 00-0051	LF	6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	22.09	10.65
04 43 00 00-0052	LF	10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	28.22	10.65
04 43 00 00-0053	LF	6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	27.35	10.65
04 43 00 00-0054	LF	10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	40.51	10.65
04 43 00 00-0055		Slate Stair Treads *(04 43 00 00-0046)*		
04 43 00 00-0056	SF	2" Thick Slate Stair Tread	33.52	5.84

04 70 Manufactured Masonry *(04)*

04 72 Cast Stone Masonry *(04 70)*

04 72 00 00-0001		Precast Concrete Lintels *(04 72)*		
04 72 00 00-0002		Solid Precast Concrete Lintels *(04 72 00 00-0001)*		
04 72 00 00-0003	LF	4" x 8", Solid Precast Concrete Lintel	10.68	
04 72 00 00-0004	LF	6" x 8", Solid Precast Concrete Lintel	13.19	
04 72 00 00-0005	LF	8" x 8", Solid Precast Concrete Lintel	16.02	
04 72 00 00-0006		U Shaped Precast Concrete Lintels *(04 72 00 00-0001)*		
		Note: Excludes concrete fill and field added reinforcing. See CSI section 04 05 16 26-0001 for concrete fill.		
04 72 00 00-0007	LF	6" x 8", U Shaped Precast Concrete Lintel	11.42	
04 72 00 00-0008	LF	8" x 8", U Shaped Precast Concrete Lintel	13.63	
04 72 00 00-0009	LF	12" x 8", U Shaped Precast Concrete Lintel	21.21	
04 72 00 00-0010		Precast Coping *(04 72)*		
		Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts. See CSI section 04 21 29 00-0001 for terra cotta coping, 04 43 00 00-0000 for stone coping, 07 62 00 00-0000 for metal copings.		
04 72 00 00-0011		Precast Concrete Coping *(04 72 00 00-0010)*		
		Note: Measured at highest point.		
04 72 00 00-0012	SF	2" Thick Precast Concrete Coping	35.77	8.71
04 72 00 00-0013	SF	2-1/2" Thick Precast Concrete Coping	40.00	9.37
04 72 00 00-0014	SF	3" Thick Precast Concrete Coping	46.03	10.04
04 72 00 00-0015	SF	3-1/2" Thick Precast Concrete Coping	49.32	10.72
04 72 00 00-0016	SF	4" Thick Precast Concrete Coping	52.64	11.38
04 72 00 00-0017	SF	5" Thick Precast Concrete Coping	62.25	12.05
04 72 00 00-0018	SF	6" Thick Precast Concrete Coping	70.68	12.72
04 72 00 00-0019		Precast Window Sills *(04 72)*		
		Note: Includes caulk and ties.		
04 72 00 00-0020		Precast Window Sills *(04 72 00 00-0019)*		
04 72 00 00-0021	LF	6" Wide Precast Window Sill	26.03	6.70
04 72 00 00-0022	LF	10" Wide Precast Window Sill	38.29	6.70
04 72 00 00-0023	LF	14" Wide Precast Window Sill	44.90	6.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 72 00 00-0024		Cast Stone Veneer *(04 72)*		
04 72 00 00-0025	SF	1" Thick Cast Stone Veneer	45.94	14.58

END OF SECTION 04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 Metals

05 05 Common Work Results For Metals *(05)*

05 05 23 Metal Fastenings *(05 05)*

05 05 23 00-0001 Concrete And Masonry Anchors *(05 05 23)*

05 05 23 00-0002 Cast In Place Anchors *(05 05 23 00-0001)*

Note: For cast in place installations. Includes nut and washer.

05 05 23 00-0003 J-Type Anchor Bolts *(05 05 23 00-0002)*

See CSI section 03 11 13 00-0002 for template.

05 05 23 00-0004 1/2" And 5/8" Diameter *(05 05 23 00-0003)*

05 05 23 00-0005	EA	1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	6.38	
		For Galvanized, Add	*0.88*	
		For Stainless Steel, Add	*6.13*	
		For >10 To 50, Deduct	*-0.23*	
		For >50 To 100, Deduct	*-0.51*	
		For >100, Deduct	*-1.01*	
05 05 23 00-0006	EA	1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	7.22	
		For Galvanized, Add	*1.12*	
		For Stainless Steel, Add	*7.84*	
		For >10 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.55*	
		For >100, Deduct	*-1.11*	
05 05 23 00-0007	EA	1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	8.49	
		For Galvanized, Add	*1.54*	
		For Stainless Steel, Add	*10.78*	
		For >10 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.62*	
		For >100, Deduct	*-1.24*	
05 05 23 00-0008	EA	5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	9.43	
		For Galvanized, Add	*2.01*	
		For Stainless Steel, Add	*14.07*	
		For >10 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.64*	
		For >100, Deduct	*-1.28*	
05 05 23 00-0009	EA	5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	11.27	
		For Galvanized, Add	*2.69*	
		For Stainless Steel, Add	*18.80*	
		For >10 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.72*	
		For >100, Deduct	*-1.45*	
05 05 23 00-0010	EA	5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	12.62	
		For Galvanized, Add	*3.07*	
		For Stainless Steel, Add	*21.49*	
		For >10 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-0.80*	
		For >100, Deduct	*-1.60*	

05 05 23 00-0011 3/4" And 7/8" Diameter *(05 05 23 00-0003)*

05 05 23 00-0012	EA	3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	12.58	
		For Galvanized, Add	*3.05*	
		For Stainless Steel, Add	*21.35*	
		For >10 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-0.80*	
		For >100, Deduct	*-1.60*	
05 05 23 00-0013	EA	3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	14.31	
		For Galvanized, Add	*3.55*	
		For Stainless Steel, Add	*24.85*	
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.90*	
		For >100, Deduct	*-1.80*	
05 05 23 00-0014	EA	3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	17.20	
		For Galvanized, Add	*4.55*	
		For Stainless Steel, Add	*31.85*	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.04*	
		For >100, Deduct	*-2.08*	
05 05 23 00-0015	EA	3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	20.55	
		For Galvanized, Add	*5.74*	
		For Stainless Steel, Add	*40.15*	
		For >10 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.39*	
05 05 23 00-0016	EA	7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	16.43	
		For Galvanized, Add	*4.17*	
		For Stainless Steel, Add	*29.16*	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.02*	
		For >100, Deduct	*-2.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0017	EA	7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	19.24	
		For Galvanized, Add	*4.99*	
		For Stainless Steel, Add	*34.93*	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.35*	
05 05 23 00-0018	EA	7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	24.11	
		For Galvanized, Add	*6.65*	
		For Stainless Steel, Add	*46.55*	
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.83*	

05 05 23 00-0019 1" And 1-1/8" Diameter *(05 05 23 00-0003)*

05 05 23 00-0020	EA	1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	20.04	
		For Galvanized, Add	*5.39*	
		For Stainless Steel, Add	*37.73*	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.39*	
05 05 23 00-0021	EA	1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	23.78	
		For Galvanized, Add	*6.49*	
		For Stainless Steel, Add	*45.40*	
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.81*	
05 05 23 00-0022	EA	1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	29.22	
		For Galvanized, Add	*8.13*	
		For Stainless Steel, Add	*56.91*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.70*	
		For >100, Deduct	*-3.41*	
05 05 23 00-0023	EA	1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	36.08	
		For Galvanized, Add	*9.94*	
		For Stainless Steel, Add	*69.55*	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-2.12*	
		For >100, Deduct	*-4.24*	
05 05 23 00-0024	EA	1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	23.64	
		For Galvanized, Add	*6.74*	
		For Stainless Steel, Add	*47.15*	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.35*	
		For >100, Deduct	*-2.71*	
05 05 23 00-0025	EA	1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	28.08	
		For Galvanized, Add	*8.11*	
		For Stainless Steel, Add	*56.77*	
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.59*	
		For >100, Deduct	*-3.18*	
05 05 23 00-0026	EA	1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	34.56	
		For Galvanized, Add	*10.17*	
		For Stainless Steel, Add	*71.16*	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.93*	
		For >100, Deduct	*-3.86*	
05 05 23 00-0027	EA	1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	42.63	
		For Galvanized, Add	*12.42*	
		For Stainless Steel, Add	*86.91*	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-2.40*	
		For >100, Deduct	*-4.80*	

05 05 23 00-0028 1-1/4" And 1-1/2" Diameter *(05 05 23 00-0003)*

05 05 23 00-0029	EA	1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	28.10	
		For Galvanized, Add	*8.42*	
		For Stainless Steel, Add	*58.94*	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.55*	
		For >100, Deduct	*-3.09*	
05 05 23 00-0030	EA	1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	33.41	
		For Galvanized, Add	*10.14*	
		For Stainless Steel, Add	*70.95*	
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.82*	
		For >100, Deduct	*-3.64*	
05 05 23 00-0031	EA	1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	41.18	
		For Galvanized, Add	*12.71*	
		For Stainless Steel, Add	*88.94*	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.21*	
		For >100, Deduct	*-4.42*	
05 05 23 00-0032	EA	1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	50.75	
		For Galvanized, Add	*15.52*	
		For Stainless Steel, Add	*108.64*	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.75*	
		For >100, Deduct	*-5.49*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0033	EA	1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	33.68	
		For Galvanized, Add	*10.53*	
		For Stainless Steel, Add	*73.68*	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.79*	
		For >100, Deduct	*-3.58*	
05 05 23 00-0034	EA	1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	40.08	
		For Galvanized, Add	*12.67*	
		For Stainless Steel, Add	*88.69*	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.22*	
05 05 23 00-0035	EA	1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	49.46	
		For Galvanized, Add	*15.89*	
		For Stainless Steel, Add	*111.20*	
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.56*	
		For >100, Deduct	*-5.13*	
05 05 23 00-0036	EA	1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	60.89	
		For Galvanized, Add	*19.40*	
		For Stainless Steel, Add	*135.80*	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-3.18*	
		For >100, Deduct	*-6.36*	

05 05 23 00-0037 L-Type Anchor Bolts *(05 05 23 00-0002)*

See CSI section 03 11 13 00-0002 for template.

05 05 23 00-0038 3/4" And 7/8" Diameter *(05 05 23 00-0037)*

05 05 23 00-0039	EA	3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	11.87	
		For Galvanized, Add	*2.33*	
		For Stainless Steel, Add	*16.31*	
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.84*	
		For >100, Deduct	*-1.68*	
05 05 23 00-0040	EA	3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	13.86	
		For Galvanized, Add	*2.88*	
		For Stainless Steel, Add	*20.16*	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.95*	
		For >100, Deduct	*-1.91*	
05 05 23 00-0041	EA	3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	15.86	
		For Galvanized, Add	*3.30*	
		For Stainless Steel, Add	*23.10*	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.09*	
		For >100, Deduct	*-2.18*	
05 05 23 00-0042	EA	3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	17.66	
		For Galvanized, Add	*3.43*	
		For Stainless Steel, Add	*23.98*	
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-2.50*	
05 05 23 00-0043	EA	3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	20.15	
		For Galvanized, Add	*3.60*	
		For Stainless Steel, Add	*25.17*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.95*	
05 05 23 00-0044	EA	7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	13.88	
		For Galvanized, Add	*2.89*	
		For Stainless Steel, Add	*20.23*	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.95*	
		For >100, Deduct	*-1.91*	
05 05 23 00-0045	EA	7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	15.99	
		For Galvanized, Add	*3.37*	
		For Stainless Steel, Add	*23.56*	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.09*	
		For >100, Deduct	*-2.19*	
05 05 23 00-0046	EA	7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	18.53	
		For Galvanized, Add	*3.86*	
		For Stainless Steel, Add	*27.02*	
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.27*	
		For >100, Deduct	*-2.55*	
05 05 23 00-0047	EA	7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	20.97	
		For Galvanized, Add	*4.01*	
		For Stainless Steel, Add	*28.04*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.50*	
		For >100, Deduct	*-2.99*	
05 05 23 00-0048	EA	7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	24.63	
		For Galvanized, Add	*4.21*	
		For Stainless Steel, Add	*29.47*	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.83*	
		For >100, Deduct	*-3.66*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0049		**1" And 1-1/8" Diameter** *(05 05 23 00-0037)*		
05 05 23 00-0050	EA	1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	16.67	
		For Galvanized, Add	*3.71*	
		For Stainless Steel, Add	*25.94*	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.11*	
		For >100, Deduct	*-2.22*	
05 05 23 00-0051	EA	1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	19.14	
		For Galvanized, Add	*4.17*	
		For Stainless Steel, Add	*29.16*	
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.29*	
		For >100, Deduct	*-2.58*	
05 05 23 00-0052	EA	1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	22.28	
		For Galvanized, Add	*4.66*	
		For Stainless Steel, Add	*32.62*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.53*	
		For >100, Deduct	*-3.06*	
05 05 23 00-0053	EA	1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	23.85	
		For Galvanized, Add	*4.88*	
		For Stainless Steel, Add	*34.16*	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.65*	
		For >100, Deduct	*-3.31*	
05 05 23 00-0054	EA	1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	26.43	
		For Galvanized, Add	*5.11*	
		For Stainless Steel, Add	*35.77*	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.88*	
		For >100, Deduct	*-3.75*	
05 05 23 00-0055	EA	1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	29.85	
		For Galvanized, Add	*5.92*	
		For Stainless Steel, Add	*41.44*	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.10*	
		For >100, Deduct	*-4.19*	
05 05 23 00-0056	EA	1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	35.47	
		For Galvanized, Add	*6.93*	
		For Stainless Steel, Add	*48.51*	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.51*	
		For >100, Deduct	*-5.02*	
05 05 23 00-0057	EA	1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	20.56	
		For Galvanized, Add	*4.88*	
		For Stainless Steel, Add	*34.13*	
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.32*	
		For >100, Deduct	*-2.65*	
05 05 23 00-0058	EA	1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	23.87	
		For Galvanized, Add	*5.46*	
		For Stainless Steel, Add	*38.19*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.57*	
		For >100, Deduct	*-3.14*	
05 05 23 00-0059	EA	1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	25.50	
		For Galvanized, Add	*5.71*	
		For Stainless Steel, Add	*39.94*	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.69*	
		For >100, Deduct	*-3.39*	
05 05 23 00-0060		**1-1/4" And 1-3/8" Diameter** *(05 05 23 00-0037)*		
05 05 23 00-0061	EA	1-1/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	24.75	
		For Galvanized, Add	*5.90*	
		For Stainless Steel, Add	*41.27*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.59*	
		For >100, Deduct	*-3.18*	
05 05 23 00-0062	EA	1-1/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	30.00	
		For Galvanized, Add	*6.90*	
		For Stainless Steel, Add	*48.27*	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.97*	
		For >100, Deduct	*-3.93*	
05 05 23 00-0063	EA	1-1/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	32.68	
		For Galvanized, Add	*7.81*	
		For Stainless Steel, Add	*54.67*	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.10*	
		For >100, Deduct	*-4.19*	
05 05 23 00-0064	EA	1-1/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	35.65	
		For Galvanized, Add	*8.82*	
		For Stainless Steel, Add	*61.74*	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.24*	
		For >100, Deduct	*-4.48*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0065	EA	1-1/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	39.45	
		For Galvanized, Add	*9.60*	
		For Stainless Steel, Add	*67.17*	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.51*	
		For >100, Deduct	*-5.01*	
05 05 23 00-0066	EA	1-1/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	43.70	
		For Galvanized, Add	*10.28*	
		For Stainless Steel, Add	*71.93*	
		For >10 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-2.83*	
		For >100, Deduct	*-5.66*	
05 05 23 00-0067	EA	1-1/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	49.01	
		For Galvanized, Add	*11.00*	
		For Stainless Steel, Add	*76.97*	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-3.25*	
		For >100, Deduct	*-6.50*	
05 05 23 00-0068	EA	1-1/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	56.74	
		For Galvanized, Add	*12.16*	
		For Stainless Steel, Add	*85.12*	
		For >10 To 50, Deduct	*-1.62*	
		For >50 To 100, Deduct	*-3.85*	
		For >100, Deduct	*-7.70*	
05 05 23 00-0069	EA	1-3/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	27.70	
		For Galvanized, Add	*7.37*	
		For Stainless Steel, Add	*51.59*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.66*	
		For >100, Deduct	*-3.33*	
05 05 23 00-0070	EA	1-3/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	33.46	
		For Galvanized, Add	*8.63*	
		For Stainless Steel, Add	*60.38*	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-2.05*	
		For >100, Deduct	*-4.10*	
05 05 23 00-0071	EA	1-3/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	36.59	
		For Galvanized, Add	*9.77*	
		For Stainless Steel, Add	*68.36*	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.19*	
		For >100, Deduct	*-4.39*	
05 05 23 00-0072	EA	1-3/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	40.06	
		For Galvanized, Add	*11.03*	
		For Stainless Steel, Add	*77.18*	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.35*	
		For >100, Deduct	*-4.70*	
05 05 23 00-0073	EA	1-3/8" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	44.25	
		For Galvanized, Add	*12.00*	
		For Stainless Steel, Add	*83.97*	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.63*	
		For >100, Deduct	*-5.25*	
05 05 23 00-0074	EA	1-3/8" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	48.84	
		For Galvanized, Add	*12.85*	
		For Stainless Steel, Add	*89.92*	
		For >10 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-2.96*	
		For >100, Deduct	*-5.91*	
05 05 23 00-0075	EA	1-3/8" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	54.74	
		For Galvanized, Add	*13.86*	
		For Stainless Steel, Add	*97.02*	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-3.40*	
		For >100, Deduct	*-6.79*	
05 05 23 00-0076	EA	1-3/8" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	62.82	
		For Galvanized, Add	*15.20*	
		For Stainless Steel, Add	*106.40*	
		For >10 To 50, Deduct	*-1.62*	
		For >50 To 100, Deduct	*-4.00*	
		For >100, Deduct	*-8.00*	

05 05 23 00-0077 1-1/2", 1-3/4", And 2" Diameter *(05 05 23 00-0037)*

05 05 23 00-0078	EA	1-1/2" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	35.17	
		For Galvanized, Add	*10.22*	
		For Stainless Steel, Add	*71.51*	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.98*	
		For >100, Deduct	*-3.97*	
05 05 23 00-0079	EA	1-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	38.48	
		For Galvanized, Add	*10.71*	
		For Stainless Steel, Add	*74.97*	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.24*	
		For >100, Deduct	*-4.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0080	EA	1-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	42.63	
		For Galvanized, Add	*11.79*	
		For Stainless Steel, Add	*82.50*	
		For >10 To 50, Deduct	*-0.95*	
		For >50 To 100, Deduct	*-2.50*	
		For >100, Deduct	*-4.99*	
05 05 23 00-0081	EA	1-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	46.01	
		For Galvanized, Add	*12.88*	
		For Stainless Steel, Add	*90.13*	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.67*	
		For >100, Deduct	*-5.34*	
05 05 23 00-0082	EA	1-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	49.55	
		For Galvanized, Add	*13.97*	
		For Stainless Steel, Add	*97.79*	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.86*	
		For >100, Deduct	*-5.72*	
05 05 23 00-0083	EA	1-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	54.97	
		For Galvanized, Add	*15.02*	
		For Stainless Steel, Add	*105.14*	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-3.24*	
		For >100, Deduct	*-6.49*	
05 05 23 00-0084	EA	1-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	61.97	
		For Galvanized, Add	*16.25*	
		For Stainless Steel, Add	*113.75*	
		For >10 To 50, Deduct	*-1.47*	
		For >50 To 100, Deduct	*-3.76*	
		For >100, Deduct	*-7.52*	
05 05 23 00-0085	EA	1-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	72.06	
		For Galvanized, Add	*18.02*	
		For Stainless Steel, Add	*126.14*	
		For >10 To 50, Deduct	*-1.80*	
		For >50 To 100, Deduct	*-4.50*	
		For >100, Deduct	*-9.01*	
05 05 23 00-0086	EA	1-3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	46.94	
		For Galvanized, Add	*15.37*	
		For Stainless Steel, Add	*107.56*	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-2.39*	
		For >100, Deduct	*-4.78*	
05 05 23 00-0087	EA	1-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	49.41	
		For Galvanized, Add	*15.70*	
		For Stainless Steel, Add	*109.90*	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.59*	
		For >100, Deduct	*-5.17*	
05 05 23 00-0088	EA	1-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	50.97	
		For Galvanized, Add	*15.96*	
		For Stainless Steel, Add	*111.69*	
		For >10 To 50, Deduct	*-0.95*	
		For >50 To 100, Deduct	*-2.70*	
		For >100, Deduct	*-5.41*	
05 05 23 00-0089	EA	1-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	57.11	
		For Galvanized, Add	*18.43*	
		For Stainless Steel, Add	*128.98*	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.95*	
		For >100, Deduct	*-5.89*	
05 05 23 00-0090	EA	1-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	65.69	
		For Galvanized, Add	*21.27*	
		For Stainless Steel, Add	*148.89*	
		For >10 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-3.38*	
		For >100, Deduct	*-6.76*	
05 05 23 00-0091	EA	1-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	70.12	
		For Galvanized, Add	*21.55*	
		For Stainless Steel, Add	*150.85*	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-3.78*	
		For >100, Deduct	*-7.56*	
05 05 23 00-0092	EA	1-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	78.96	
		For Galvanized, Add	*23.27*	
		For Stainless Steel, Add	*162.89*	
		For >10 To 50, Deduct	*-1.62*	
		For >50 To 100, Deduct	*-4.41*	
		For >100, Deduct	*-8.81*	
05 05 23 00-0093	EA	1-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	90.65	
		For Galvanized, Add	*25.07*	
		For Stainless Steel, Add	*175.46*	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-5.31*	
		For >100, Deduct	*-10.61*	
05 05 23 00-0094	EA	2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	65.84	
		For Galvanized, Add	*23.39*	
		For Stainless Steel, Add	*163.73*	
		For >10 To 50, Deduct	*-0.95*	
		For >50 To 100, Deduct	*-3.08*	
		For >100, Deduct	*-6.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0095	EA	2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	72.19	
		For Galvanized, Add	*25.29*	
		For Stainless Steel, Add	*177.03*	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-3.43*	
		For >100, Deduct	*-6.85*	
05 05 23 00-0096	EA	2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	80.06	
		For Galvanized, Add	*27.57*	
		For Stainless Steel, Add	*192.96*	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-3.87*	
		For >100, Deduct	*-7.74*	
05 05 23 00-0097	EA	2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	87.85	
		For Galvanized, Add	*29.19*	
		For Stainless Steel, Add	*204.33*	
		For >10 To 50, Deduct	*-1.47*	
		For >50 To 100, Deduct	*-4.41*	
		For >100, Deduct	*-8.81*	
05 05 23 00-0098	EA	2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	95.16	
		For Galvanized, Add	*31.37*	
		For Stainless Steel, Add	*219.59*	
		For >10 To 50, Deduct	*-1.62*	
		For >50 To 100, Deduct	*-4.81*	
		For >100, Deduct	*-9.62*	
05 05 23 00-0099	EA	2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	103.01	
		For Galvanized, Add	*33.50*	
		For Stainless Steel, Add	*234.47*	
		For >10 To 50, Deduct	*-1.80*	
		For >50 To 100, Deduct	*-5.28*	
		For >100, Deduct	*-10.55*	
05 05 23 00-0100	EA	2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	118.26	
		For Galvanized, Add	*35.98*	
		For Stainless Steel, Add	*251.83*	
		For >10 To 50, Deduct	*-2.32*	
		For >50 To 100, Deduct	*-6.43*	
		For >100, Deduct	*-12.86*	
05 05 23 00-0101	EA	2" Diameter x 66" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	125.40	
		For Galvanized, Add	*39.55*	
		For Stainless Steel, Add	*276.82*	
		For >10 To 50, Deduct	*-2.32*	
		For >50 To 100, Deduct	*-6.61*	
		For >100, Deduct	*-13.22*	
05 05 23 00-0102	EA	2" Diameter x 72" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	141.95	
		For Galvanized, Add	*43.96*	
		For Stainless Steel, Add	*307.72*	
		For >10 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-7.60*	
		For >100, Deduct	*-15.20*	

05 05 23 00-0103 2-1/2" And 2-3/4" Diameter *(05 05 23 00-0037)*

05 05 23 00-0104	EA	2-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	123.00	
		For Galvanized, Add	*51.97*	
		For Stainless Steel, Add	*363.79*	
		For >10 To 50, Deduct	*-0.95*	
		For >50 To 100, Deduct	*-4.50*	
		For >100, Deduct	*-9.01*	
05 05 23 00-0105	EA	2-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	130.25	
		For Galvanized, Add	*54.32*	
		For Stainless Steel, Add	*380.24*	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-4.88*	
		For >100, Deduct	*-9.75*	
05 05 23 00-0106	EA	2-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	142.75	
		For Galvanized, Add	*58.91*	
		For Stainless Steel, Add	*412.37*	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-5.44*	
		For >100, Deduct	*-10.88*	
05 05 23 00-0107	EA	2-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	153.64	
		For Galvanized, Add	*62.09*	
		For Stainless Steel, Add	*434.60*	
		For >10 To 50, Deduct	*-1.47*	
		For >50 To 100, Deduct	*-6.05*	
		For >100, Deduct	*-12.10*	
05 05 23 00-0108	EA	2-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	163.24	
		For Galvanized, Add	*65.41*	
		For Stainless Steel, Add	*457.87*	
		For >10 To 50, Deduct	*-1.62*	
		For >50 To 100, Deduct	*-6.51*	
		For >100, Deduct	*-13.03*	
05 05 23 00-0109	EA	2-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	174.30	
		For Galvanized, Add	*69.14*	
		For Stainless Steel, Add	*483.98*	
		For >10 To 50, Deduct	*-1.80*	
		For >50 To 100, Deduct	*-7.06*	
		For >100, Deduct	*-14.12*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0110	EA	2-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	192.22	
		For Galvanized, Add	*72.96*	
		For Stainless Steel, Add	*510.69*	
		For >10 To 50, Deduct	*-2.32*	
		For >50 To 100, Deduct	*-8.28*	
		For >100, Deduct	*-16.56*	
05 05 23 00-0111	EA	2-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	137.93	
		For Galvanized, Add	*58.84*	
		For Stainless Steel, Add	*411.85*	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-4.97*	
		For >100, Deduct	*-9.94*	
05 05 23 00-0112	EA	2-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	149.02	
		For Galvanized, Add	*62.94*	
		For Stainless Steel, Add	*440.55*	
		For >10 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-5.46*	
		For >100, Deduct	*-10.92*	
05 05 23 00-0113	EA	2-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	161.16	
		For Galvanized, Add	*67.07*	
		For Stainless Steel, Add	*469.49*	
		For >10 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-6.06*	
		For >100, Deduct	*-12.11*	
05 05 23 00-0114	EA	2-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	174.02	
		For Galvanized, Add	*70.80*	
		For Stainless Steel, Add	*495.60*	
		For >10 To 50, Deduct	*-1.62*	
		For >50 To 100, Deduct	*-6.78*	
		For >100, Deduct	*-13.56*	
05 05 23 00-0115	EA	2-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	185.77	
		For Galvanized, Add	*74.88*	
		For Stainless Steel, Add	*524.13*	
		For >10 To 50, Deduct	*-1.80*	
		For >50 To 100, Deduct	*-7.35*	
		For >100, Deduct	*-14.69*	
05 05 23 00-0116	EA	2-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	201.83	
		For Galvanized, Add	*80.66*	
		For Stainless Steel, Add	*564.59*	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-8.08*	
		For >100, Deduct	*-16.17*	
05 05 23 00-0117	EA	2-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	224.21	
		For Galvanized, Add	*85.09*	
		For Stainless Steel, Add	*595.63*	
		For >10 To 50, Deduct	*-2.70*	
		For >50 To 100, Deduct	*-9.66*	
		For >100, Deduct	*-19.32*	

05 05 23 00-0118 Expansion Anchors *(05 05 23 00-0001)*
Note: Includes drilling.

05 05 23 00-0119 Wedge Expansion Bolt Anchors *(05 05 23 00-0118)*

05 05 23 00-0120 Zinc Plated Steel, Wedge Anchor Expansion Bolt *(05 05 23 00-0119)*
Note: Includes nut and washer.

05 05 23 00-0121	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	8.53	
		For >10 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-0.82*	
		For >100, Deduct	*-1.63*	
05 05 23 00-0122	EA	1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	8.61	
		For >10 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-0.82*	
		For >100, Deduct	*-1.64*	
05 05 23 00-0123	EA	1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	8.88	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.84*	
		For >100, Deduct	*-1.68*	
05 05 23 00-0124	EA	3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	10.46	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-0.99*	
		For >100, Deduct	*-1.99*	
05 05 23 00-0125	EA	3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	10.52	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-1.99*	
05 05 23 00-0126	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	10.54	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-1.99*	
05 05 23 00-0127	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	10.76	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-2.00*	
05 05 23 00-0128	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	15.15	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.42*	
		For >100, Deduct	*-2.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0129	EA	1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	15.19	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.42*	
		For >100, Deduct	*-2.84*	
05 05 23 00-0130	EA	1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	15.29	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.42*	
		For >100, Deduct	*-2.85*	
05 05 23 00-0131	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	15.53	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-2.86*	
05 05 23 00-0132	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	15.87	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.44*	
		For >100, Deduct	*-2.88*	
05 05 23 00-0133	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	19.68	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.78*	
		For >100, Deduct	*-3.56*	
05 05 23 00-0134	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	19.75	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.78*	
		For >100, Deduct	*-3.56*	
05 05 23 00-0135	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	19.90	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.78*	
		For >100, Deduct	*-3.57*	
05 05 23 00-0136	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	20.21	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.79*	
		For >100, Deduct	*-3.58*	
05 05 23 00-0137	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	20.51	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.80*	
		For >100, Deduct	*-3.60*	
05 05 23 00-0138	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	22.91	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.86*	
		For >100, Deduct	*-3.72*	
05 05 23 00-0139	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	24.96	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.91*	
		For >100, Deduct	*-3.82*	
05 05 23 00-0140	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	23.74	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.13*	
		For >100, Deduct	*-4.25*	
05 05 23 00-0141	EA	3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	23.81	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.13*	
		For >100, Deduct	*-4.25*	
05 05 23 00-0142	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	24.17	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.14*	
		For >100, Deduct	*-4.27*	
05 05 23 00-0143	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	24.62	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-4.29*	
05 05 23 00-0144	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	25.12	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.16*	
		For >100, Deduct	*-4.32*	
05 05 23 00-0145	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	27.04	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.21*	
		For >100, Deduct	*-4.42*	
05 05 23 00-0146	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.59	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.27*	
		For >100, Deduct	*-4.54*	
05 05 23 00-0147	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	32.47	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.34*	
		For >100, Deduct	*-4.69*	
05 05 23 00-0148	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	31.66	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-2.45*	
		For >100, Deduct	*-4.91*	
05 05 23 00-0149	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	33.18	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-2.49*	
		For >100, Deduct	*-4.98*	
05 05 23 00-0150	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	35.19	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-2.54*	
		For >100, Deduct	*-5.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0151	EA	1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	39.25	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.13*	
		For >100, Deduct	*-6.26*	
05 05 23 00-0152	EA	1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	42.10	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.20*	
		For >100, Deduct	*-6.41*	
05 05 23 00-0153	EA	1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	44.93	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.27*	
		For >100, Deduct	*-6.55*	
05 05 23 00-0154	EA	1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	51.10	
		For >10 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.03*	
		For >100, Deduct	*-8.06*	
05 05 23 00-0155	EA	1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	53.13	
		For >10 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.08*	
		For >100, Deduct	*-8.16*	

05 05 23 00-0156 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 23 00-0119)*

Note: Includes nut and washer.

05 05 23 00-0157	EA	1/4" Diameter x 1-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	8.98	
		For >10 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-0.83*	
		For >100, Deduct	*-1.66*	
05 05 23 00-0158	EA	1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	9.20	
		For >10 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-0.83*	
		For >100, Deduct	*-1.67*	
05 05 23 00-0159	EA	1/4" Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	9.55	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.86*	
		For >100, Deduct	*-1.72*	
05 05 23 00-0160	EA	3/8" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	11.35	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.02*	
		For >100, Deduct	*-2.03*	
05 05 23 00-0161	EA	3/8" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	11.53	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.02*	
		For >100, Deduct	*-2.04*	
05 05 23 00-0162	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	11.67	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.02*	
		For >100, Deduct	*-2.05*	
05 05 23 00-0163	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	12.69	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.05*	
		For >100, Deduct	*-2.10*	
05 05 23 00-0164	EA	1/2" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	17.20	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.47*	
		For >100, Deduct	*-2.95*	
05 05 23 00-0165	EA	1/2" Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	17.55	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.96*	
05 05 23 00-0166	EA	1/2" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	17.76	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.49*	
		For >100, Deduct	*-2.97*	
05 05 23 00-0167	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	18.68	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.02*	
05 05 23 00-0168	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	20.08	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.54*	
		For >100, Deduct	*-3.09*	
05 05 23 00-0169	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	23.85	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.88*	
		For >100, Deduct	*-3.77*	
05 05 23 00-0170	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	24.76	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.91*	
		For >100, Deduct	*-3.81*	
05 05 23 00-0171	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	25.74	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.93*	
		For >100, Deduct	*-3.86*	
05 05 23 00-0172	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	27.04	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.96*	
		For >100, Deduct	*-3.93*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0173	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	32.78	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.21*	
05 05 23 00-0174	EA	3/4" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	28.45	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.24*	
		For >100, Deduct	*-4.49*	
05 05 23 00-0175	EA	3/4" Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	30.30	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.29*	
		For >100, Deduct	*-4.58*	
05 05 23 00-0176	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	31.87	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.33*	
		For >100, Deduct	*-4.66*	
05 05 23 00-0177	EA	3/4" Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	32.07	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.33*	
		For >100, Deduct	*-4.67*	
05 05 23 00-0178	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	33.54	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.37*	
		For >100, Deduct	*-4.74*	
05 05 23 00-0179	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	37.38	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.47*	
		For >100, Deduct	*-4.93*	
05 05 23 00-0180	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	42.80	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.60*	
		For >100, Deduct	*-5.20*	
05 05 23 00-0181	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	43.54	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-2.75*	
		For >100, Deduct	*-5.50*	
05 05 23 00-0182	EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	62.20	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.71*	
		For >100, Deduct	*-7.41*	
05 05 23 00-0183	EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	70.22	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.91*	
		For >100, Deduct	*-7.81*	

05 05 23 00-0184 316 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 23 00-0119)*

Note: Includes nut and washer.

05 05 23 00-0185	EA	1/4" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	9.16	
		For >10 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-0.83*	
		For >100, Deduct	*-1.66*	
05 05 23 00-0186	EA	1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	9.63	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.86*	
		For >100, Deduct	*-1.72*	
05 05 23 00-0187	EA	3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	11.95	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.03*	
		For >100, Deduct	*-2.06*	
05 05 23 00-0188	EA	3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	12.27	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.04*	
		For >100, Deduct	*-2.08*	
05 05 23 00-0189	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	12.36	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.04*	
		For >100, Deduct	*-2.08*	
05 05 23 00-0190	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	13.89	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.08*	
		For >100, Deduct	*-2.16*	
05 05 23 00-0191	EA	1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	18.67	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.02*	
05 05 23 00-0192	EA	1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	19.56	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.53*	
		For >100, Deduct	*-3.06*	
05 05 23 00-0193	EA	1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	21.18	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.57*	
		For >100, Deduct	*-3.14*	
05 05 23 00-0194	EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	21.59	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.58*	
		For >100, Deduct	*-3.16*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0195	EA		5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	28.82	
			For >10 To 50, Deduct	*-0.86*	
			For >50 To 100, Deduct	*-2.01*	
			For >100, Deduct	*-4.02*	
05 05 23 00-0196	EA		5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	29.30	
			For >10 To 50, Deduct	*-0.86*	
			For >50 To 100, Deduct	*-2.02*	
			For >100, Deduct	*-4.04*	
05 05 23 00-0197	EA		3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	35.40	
			For >10 To 50, Deduct	*-1.02*	
			For >50 To 100, Deduct	*-2.42*	
			For >100, Deduct	*-4.83*	
05 05 23 00-0198	EA		3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	37.42	
			For >10 To 50, Deduct	*-1.02*	
			For >50 To 100, Deduct	*-2.47*	
			For >100, Deduct	*-4.93*	

05 05 23 00-0199 Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt *(05 05 23 00-0119)*

Note: Includes nut and washer.

05 05 23 00-0200	EA		1/2" Diameter x 2-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	16.74	
			For >10 To 50, Deduct	*-0.70*	
			For >50 To 100, Deduct	*-1.46*	
			For >100, Deduct	*-2.92*	
05 05 23 00-0201	EA		1/2" Diameter x 4-1/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	17.49	
			For >10 To 50, Deduct	*-0.70*	
			For >50 To 100, Deduct	*-1.48*	
			For >100, Deduct	*-2.96*	
05 05 23 00-0202	EA		1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	18.24	
			For >10 To 50, Deduct	*-0.70*	
			For >50 To 100, Deduct	*-1.50*	
			For >100, Deduct	*-3.00*	
05 05 23 00-0203	EA		1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	18.62	
			For >10 To 50, Deduct	*-0.70*	
			For >50 To 100, Deduct	*-1.51*	
			For >100, Deduct	*-3.02*	
05 05 23 00-0204	EA		5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	22.55	
			For >10 To 50, Deduct	*-0.86*	
			For >50 To 100, Deduct	*-1.85*	
			For >100, Deduct	*-3.70*	
05 05 23 00-0205	EA		5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	21.65	
			For >10 To 50, Deduct	*-0.86*	
			For >50 To 100, Deduct	*-1.83*	
			For >100, Deduct	*-3.66*	
05 05 23 00-0206	EA		3/4" Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	28.81	
			For >10 To 50, Deduct	*-1.02*	
			For >50 To 100, Deduct	*-2.25*	
			For >100, Deduct	*-4.50*	
05 05 23 00-0207	EA		3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	29.64	
			For >10 To 50, Deduct	*-1.02*	
			For >50 To 100, Deduct	*-2.27*	
			For >100, Deduct	*-4.55*	
05 05 23 00-0208	EA		3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	33.69	
			For >10 To 50, Deduct	*-1.02*	
			For >50 To 100, Deduct	*-2.37*	
			For >100, Deduct	*-4.75*	
05 05 23 00-0209	EA		1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	37.31	
			For >10 To 50, Deduct	*-1.43*	
			For >50 To 100, Deduct	*-3.08*	
			For >100, Deduct	*-6.17*	
05 05 23 00-0210	EA		1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	39.64	
			For >10 To 50, Deduct	*-1.43*	
			For >50 To 100, Deduct	*-3.14*	
			For >100, Deduct	*-6.28*	
05 05 23 00-0211	EA		1" Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	41.96	
			For >10 To 50, Deduct	*-1.43*	
			For >50 To 100, Deduct	*-3.20*	
			For >100, Deduct	*-6.40*	

05 05 23 00-0212 Concrete Sleeve Anchors *(05 05 23 00-0118)*

05 05 23 00-0213 Zinc Plated Steel, Concrete Sleeve Anchors *(05 05 23 00-0212)*

Note: Includes nut and washer.

05 05 23 00-0214	EA		1/4" Diameter x 5/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	8.58	
			For >10 To 50, Deduct	*-0.41*	
			For >50 To 100, Deduct	*-0.83*	
			For >100, Deduct	*-1.66*	
05 05 23 00-0215	EA		1/4" Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	8.69	
			For >10 To 50, Deduct	*-0.41*	
			For >50 To 100, Deduct	*-0.83*	
			For >100, Deduct	*-1.67*	
05 05 23 00-0216	EA		1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	8.82	
			For >10 To 50, Deduct	*-0.41*	
			For >50 To 100, Deduct	*-0.84*	
			For >100, Deduct	*-1.67*	
05 05 23 00-0217	EA		5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	9.04	
			For >10 To 50, Deduct	*-0.43*	
			For >50 To 100, Deduct	*-0.87*	
			For >100, Deduct	*-1.75*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0218	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	9.14	
		For >10 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-0.88*	
		For >100, Deduct	*-1.75*	
05 05 23 00-0219	EA	3/8" Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.24	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-0.99*	
		For >100, Deduct	*-1.98*	
05 05 23 00-0220	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.42	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-0.99*	
		For >100, Deduct	*-1.99*	
05 05 23 00-0221	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.60	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-2.00*	
05 05 23 00-0222	EA	1/2" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.73	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.82*	
05 05 23 00-0223	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.96	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.42*	
		For >100, Deduct	*-2.83*	
05 05 23 00-0224	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	15.17	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.42*	
		For >100, Deduct	*-2.84*	
05 05 23 00-0225	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	15.40	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-2.85*	
05 05 23 00-0226	EA	5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	18.48	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.75*	
		For >100, Deduct	*-3.50*	
05 05 23 00-0227	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	18.83	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.76*	
		For >100, Deduct	*-3.52*	
05 05 23 00-0228	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	19.10	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.76*	
		For >100, Deduct	*-3.53*	
05 05 23 00-0229	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	19.85	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.78*	
		For >100, Deduct	*-3.57*	
05 05 23 00-0230	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	22.62	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.10*	
		For >100, Deduct	*-4.19*	
05 05 23 00-0231	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	23.28	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.23*	
05 05 23 00-0232	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	23.86	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.13*	
		For >100, Deduct	*-4.26*	
05 05 23 00-0233	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	24.80	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-4.30*	

05 05 23 00-0234 304/18-8 Stainless Steel, Concrete Sleeve Anchors *(05 05 23 00-0212)*

Note: Includes nut and washer.

05 05 23 00-0235	EA	1/4" Diameter x 1-3/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	9.38	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.85*	
		For >100, Deduct	*-1.70*	
05 05 23 00-0236	EA	3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	11.95	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.03*	
		For >100, Deduct	*-2.06*	
05 05 23 00-0237	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	12.81	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.05*	
		For >100, Deduct	*-2.11*	
05 05 23 00-0238	EA	1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	17.57	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.96*	
05 05 23 00-0239	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	19.12	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.52*	
		For >100, Deduct	*-3.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0240	EA	5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	25.60	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.93*	
		For >100, Deduct	*-3.85*	

05 05 23 00-0241 Concrete Strike Anchors *(05 05 23 00-0118)*

Note: Includes nut and washer.

05 05 23 00-0242	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	9.11	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.84*	
		For >100, Deduct	*-1.69*	
05 05 23 00-0243	EA	1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	9.29	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.85*	
		For >100, Deduct	*-1.70*	
05 05 23 00-0244	EA	5/16" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	9.69	
		For >10 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-0.89*	
		For >100, Deduct	*-1.78*	
05 05 23 00-0245	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	10.46	
		For >10 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-0.91*	
		For >100, Deduct	*-1.82*	
05 05 23 00-0246	EA	3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	11.06	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.01*	
		For >100, Deduct	*-2.02*	
05 05 23 00-0247	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	11.63	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.02*	
		For >100, Deduct	*-2.05*	
05 05 23 00-0248	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	12.07	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.03*	
		For >100, Deduct	*-2.07*	
05 05 23 00-0249	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	16.15	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.44*	
		For >100, Deduct	*-2.89*	
05 05 23 00-0250	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	16.49	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.45*	
		For >100, Deduct	*-2.91*	
05 05 23 00-0251	EA	1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	17.49	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.96*	
05 05 23 00-0252	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	18.78	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.02*	
05 05 23 00-0253	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	21.48	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.82*	
		For >100, Deduct	*-3.65*	
05 05 23 00-0254	EA	5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	22.68	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.85*	
		For >100, Deduct	*-3.71*	
05 05 23 00-0255	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	23.73	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.88*	
		For >100, Deduct	*-3.76*	
05 05 23 00-0256	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	27.61	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.22*	
		For >100, Deduct	*-4.44*	
05 05 23 00-0257	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	28.73	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.25*	
		For >100, Deduct	*-4.50*	

05 05 23 00-0258 Multi-Set Drop-In Anchors *(05 05 23 00-0118)*

05 05 23 00-0259 Zinc Plated Steel, Multi-Set Drop-In Anchors *(05 05 23 00-0258)*

Note: Excludes bolt, nut and washer.

05 05 23 00-0260	EA	1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	11.92	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.31*	
05 05 23 00-0261	EA	3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	14.56	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.82*	
05 05 23 00-0262	EA	1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	17.77	
		For >10 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-1.68*	
		For >100, Deduct	*-3.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0263	EA	5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	20.15	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-1.86*	
		For >100, Deduct	*-3.72*	
05 05 23 00-0264	EA	3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	24.16	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-4.29*	

05 05 23 00-0265 304/18-8 Stainless Steel, Multi-Set Drop-In Anchors *(05 05 23 00-0258)*

Note: Excludes bolt, nut and washer.

05 05 23 00-0266	EA	1/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	13.62	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.40*	
05 05 23 00-0267	EA	3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	17.85	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.49*	
		For >100, Deduct	*-2.98*	
05 05 23 00-0268	EA	1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	21.99	
		For >10 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-1.78*	
		For >100, Deduct	*-3.57*	
05 05 23 00-0269	EA	5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	26.95	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.03*	
		For >100, Deduct	*-4.06*	
05 05 23 00-0270	EA	3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	35.85	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.44*	
		For >100, Deduct	*-4.88*	

05 05 23 00-0271 Single Bolt Expansion Anchors *(05 05 23 00-0118)*

Note: Excludes bolt, nut and washer.

05 05 23 00-0272	EA	1/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	8.74	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.84*	
		For >100, Deduct	*-1.67*	
05 05 23 00-0273	EA	5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	9.34	
		For >10 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-0.88*	
		For >100, Deduct	*-1.76*	
05 05 23 00-0274	EA	3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	10.56	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-1.99*	
05 05 23 00-0275	EA	1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	15.40	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-2.85*	
05 05 23 00-0276	EA	5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	21.34	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.82*	
		For >100, Deduct	*-3.64*	
05 05 23 00-0277	EA	3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	25.74	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.18*	
		For >100, Deduct	*-4.35*	

05 05 23 00-0278 Concrete Lag Shield Anchors *(05 05 23 00-0118)*

Note: Excludes lag bolt and washer.

05 05 23 00-0279	EA	1/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	8.72	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.83*	
		For >100, Deduct	*-1.67*	
05 05 23 00-0280	EA	5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	10.38	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-0.99*	
		For >100, Deduct	*-1.98*	
05 05 23 00-0281	EA	3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	10.78	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-2.00*	
05 05 23 00-0282	EA	1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	15.21	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.42*	
		For >100, Deduct	*-2.84*	
05 05 23 00-0283	EA	5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	20.62	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.80*	
		For >100, Deduct	*-3.61*	
05 05 23 00-0284	EA	3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	23.16	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 05 23 00-0285 Chemical And Adhesive Anchors *(05 05 23 00-0001)*

05 05 23 00-0286 Chemically Adhered Anchor Rods *(05 05 23 00-0285)*

Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer.

05 05 23 00-0287	EA	1/4" x 1-9/16" Long Chemically Adhered Anchor Rod	11.16	
		For >10 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-0.96*	
		For >100, Deduct	*-1.91*	
05 05 23 00-0288	EA	5/16" x 2-3/8" Long Chemically Adhered Anchor Rod	12.94	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.06*	
		For >100, Deduct	*-2.13*	
05 05 23 00-0289	EA	3/8" x 2-3/4" Long Chemically Adhered Anchor Rod	16.06	
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.33*	
		For >100, Deduct	*-2.65*	
05 05 23 00-0290	EA	1/2" x 3-11/16" Long Chemically Adhered Anchor Rod	18.82	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.02*	
05 05 23 00-0291	EA	1/2" x 5-1/2" Long Chemically Adhered Anchor Rod	19.94	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.54*	
		For >100, Deduct	*-3.08*	
05 05 23 00-0292	EA	5/8" x 7" Long Chemically Adhered Anchor Rod	24.69	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.90*	
		For >100, Deduct	*-3.81*	
05 05 23 00-0293	EA	3/4" x 9-1/2" Long Chemically Adhered Anchor Rod	32.08	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.33*	
		For >100, Deduct	*-4.67*	
05 05 23 00-0294	EA	7/8" x 10" Long Chemically Adhered Anchor Rod	38.04	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-2.61*	
		For >100, Deduct	*-5.22*	
05 05 23 00-0295	EA	1" x 11-3/4" Long Chemically Adhered Anchor Rod	52.01	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.45*	
		For >100, Deduct	*-6.90*	
05 05 23 00-0296	EA	1-1/4" x 14" Long Chemically Adhered Anchor Rod	74.69	
		For >10 To 50, Deduct	*-1.81*	
		For >50 To 100, Deduct	*-4.58*	
		For >100, Deduct	*-9.16*	

05 05 23 00-0297 Chemical Adhesives For Bolts, Dowels Or Threaded Rod *(05 05 23 00-0285)*

Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored. Includes drilling.

05 05 23 00-0298	EA	1/4" Chemical Adhesive For Bolt Or Threaded Rod	9.30	
		For >10 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-0.91*	
		For >100, Deduct	*-1.82*	
05 05 23 00-0299	EA	5/16" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	10.19	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-0.99*	
		For >100, Deduct	*-1.99*	
05 05 23 00-0300	EA	3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	12.76	
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.24*	
		For >100, Deduct	*-2.49*	
05 05 23 00-0301	EA	1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	14.50	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.81*	
05 05 23 00-0302	EA	5/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	18.66	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.75*	
		For >100, Deduct	*-3.51*	
05 05 23 00-0303	EA	3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	23.04	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.22*	
05 05 23 00-0304	EA	7/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	25.59	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-2.30*	
		For >100, Deduct	*-4.59*	
05 05 23 00-0305	EA	1" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	33.92	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.00*	
		For >100, Deduct	*-6.00*	
05 05 23 00-0306	EA	1-1/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	38.85	
		For >10 To 50, Deduct	*-1.62*	
		For >50 To 100, Deduct	*-3.40*	
		For >100, Deduct	*-6.80*	
05 05 23 00-0307	EA	1-1/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	44.53	
		For >10 To 50, Deduct	*-1.81*	
		For >50 To 100, Deduct	*-3.82*	
		For >100, Deduct	*-7.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0308	EA	1-3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	48.26	
		For >10 To 50, Deduct	*-1.89*	
		For >50 To 100, Deduct	*-4.04*	
		For >100, Deduct	*-8.08*	
05 05 23 00-0309	EA	1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	53.39	
		For >10 To 50, Deduct	*-1.97*	
		For >50 To 100, Deduct	*-4.29*	
		For >100, Deduct	*-8.58*	
05 05 23 00-0310	EA	1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	63.66	
		For >10 To 50, Deduct	*-2.14*	
		For >50 To 100, Deduct	*-4.80*	
		For >100, Deduct	*-9.59*	
05 05 23 00-0311	EA	2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	86.25	
		For >10 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-5.48*	
		For >100, Deduct	*-10.97*	

05 05 23 00-0312 Grout Concrete Anchor Bolt Or Threaded Rod *(05 05 23 00-0285)*

05 05 23 00-0313	EA	Grout Concrete Anchor Bolt or Threaded Rod	3.22	
		For >10 To 50, Deduct	*-0.16*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.63*	

05 05 23 00-0314 Other Concrete And Masonry Anchors *(05 05 23 00-0001)*

05 05 23 00-0315 Tapcon Masonry Fasteners *(05 05 23 00-0314)*

Note: Includes drilling. Countersunk or hex head.

05 05 23 00-0316	EA	3/16" x 1-1/4" Tapcon Masonry Screw	8.43	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.83*	
		For >100, Deduct	*-1.65*	
05 05 23 00-0317	EA	3/16" x 2-1/4" Tapcon Masonry Screw	8.48	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.83*	
		For >100, Deduct	*-1.66*	
05 05 23 00-0318	EA	3/16" x 3-1/4" Tapcon Masonry Screw	8.61	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.83*	
		For >100, Deduct	*-1.66*	
05 05 23 00-0319	EA	1/4" x 1-1/4" Tapcon Masonry Screw	8.50	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.83*	
		For >100, Deduct	*-1.66*	
05 05 23 00-0320	EA	1/4" x 2-1/4" Tapcon Masonry Screw	8.56	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.83*	
		For >100, Deduct	*-1.66*	
05 05 23 00-0321	EA	1/4" x 3-1/4" Tapcon Masonry Screw	8.70	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.83*	
		For >100, Deduct	*-1.67*	

05 05 23 00-0322 Large Diameter, Self-Threading Concrete Fasteners *(05 05 23 00-0314)*

Note: Includes drilling. Zinc plated.

05 05 23 00-0323	EA	3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener	8.87	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.84*	
		For >100, Deduct	*-1.68*	
05 05 23 00-0324	EA	3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener	9.10	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.84*	
		For >100, Deduct	*-1.69*	
05 05 23 00-0325	EA	3/8" x 3", Large Diameter, Self-Threading Concrete Fastener	9.16	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.85*	
		For >100, Deduct	*-1.69*	
05 05 23 00-0326	EA	3/8" x 4", Large Diameter, Self-Threading Concrete Fastener	9.27	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.85*	
		For >100, Deduct	*-1.70*	
05 05 23 00-0327	EA	3/8" x 5", Large Diameter, Self-Threading Concrete Fastener	9.37	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.85*	
		For >100, Deduct	*-1.70*	
05 05 23 00-0328	EA	1/2" x 3", Large Diameter, Self-Threading Concrete Fastener	9.57	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.86*	
		For >100, Deduct	*-1.71*	
05 05 23 00-0329	EA	1/2" x 4", Large Diameter, Self-Threading Concrete Fastener	9.82	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.86*	
		For >100, Deduct	*-1.72*	
05 05 23 00-0330	EA	1/2" x 5", Large Diameter, Self-Threading Concrete Fastener	10.05	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.87*	
		For >100, Deduct	*-1.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0331	EA	1/2" x 6", Large Diameter, Self-Threading Concrete Fastener	10.69	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.88*	
		For >100, Deduct	*-1.77*	
05 05 23 00-0332	EA	5/8" x 3", Large Diameter, Self-Threading Concrete Fastener	10.77	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.89*	
		For >100, Deduct	*-1.77*	
05 05 23 00-0333	EA	5/8" x 4", Large Diameter, Self-Threading Concrete Fastener	11.16	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.90*	
		For >100, Deduct	*-1.79*	
05 05 23 00-0334	EA	5/8" x 5", Large Diameter, Self-Threading Concrete Fastener	11.56	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.91*	
		For >100, Deduct	*-1.81*	
05 05 23 00-0335	EA	5/8" x 6", Large Diameter, Self-Threading Concrete Fastener	11.82	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.91*	
		For >100, Deduct	*-1.82*	
05 05 23 00-0336	EA	3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener	11.71	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.91*	
		For >100, Deduct	*-1.82*	
05 05 23 00-0337	EA	3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener	12.08	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.92*	
		For >100, Deduct	*-1.84*	
05 05 23 00-0338	EA	3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener	12.95	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.94*	
		For >100, Deduct	*-1.88*	

05 05 23 00-0339 Pin Bolt Drives *(05 05 23 00-0314)*

Note: Includes drilling. Zinc plated.

05 05 23 00-0340	EA	1/4" x 1" Pin Bolt Drive	5.25	
		For >10 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.50*	
		For >100, Deduct	*-1.00*	
05 05 23 00-0341	EA	1/4" x 1-1/4" Pin Bolt Drive	5.25	
		For >10 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.50*	
		For >100, Deduct	*-1.00*	
05 05 23 00-0342	EA	1/4" x 1-1/2" Pin Bolt Drive	5.29	
		For >10 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.50*	
		For >100, Deduct	*-1.00*	
05 05 23 00-0343	EA	1/4" x 2" Pin Bolt Drive	5.30	
		For >10 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.50*	
		For >100, Deduct	*-1.00*	

05 05 23 00-0344 Powder Actuated, Shot-In Place Anchors With Exposed Thread *(05 05 23 00-0314)*

05 05 23 00-0345	EA	1/4" Diameter Threaded Stud Powder Actuated Anchor	11.89	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.32*	
05 05 23 00-0346	EA	3/8" Diameter Threaded Stud Powder Actuated Anchor	14.64	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.82*	

05 05 23 00-0347 Hex Bolts *(05 05 23)*

Note: For owner furnished materials or where requested by the owner. Excludes drilling through wood, steel, concrete, brick or block. See CSI section 02 41 19 13-0190 for drilling into concrete, 02 41 19 13-0200 for drilling into brick or block, 02 41 19 13-0210 for drilling into wood or plastic, 05 05 23 00-1800 for drilling through steel.

05 05 23 00-0348 A325 High Strength Structural Bolts *(05 05 23 00-0347)*

05 05 23 00-0349 Plain Finish A325 High Strength Structural Bolts *(05 05 23 00-0348)*

Note: Includes A325 heavy hex nut and structural washer.

05 05 23 00-0350	EA	1/2" Diameter x 1-1/2" Long, Plain Finish A325 High Strength Structural Bolt	10.30	0.87
		For >10 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-0.94*	
		For >100, Deduct	*-1.88*	
05 05 23 00-0351	EA	1/2" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt	10.48	0.87
		For >10 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-0.94*	
		For >100, Deduct	*-1.89*	
05 05 23 00-0352	EA	5/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	11.06	0.87
		For >10 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-0.96*	
		For >100, Deduct	*-1.92*	
05 05 23 00-0353	EA	5/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	13.40	0.87
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.11*	
		For >100, Deduct	*-2.23*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0354	EA	5/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	14.64	1.30
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.13*	
		For >100, Deduct	*-2.27*	
05 05 23 00-0355	EA	3/4" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	11.86	0.87
		For >10 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-0.98*	
		For >100, Deduct	*-1.96*	
05 05 23 00-0356	EA	3/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	15.71	1.30
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.28*	
		For >100, Deduct	*-2.56*	
05 05 23 00-0357	EA	3/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	20.51	1.30
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.66*	
		For >100, Deduct	*-3.33*	
05 05 23 00-0358	EA	3/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	19.21	1.73
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.34*	
		For >100, Deduct	*-2.67*	
05 05 23 00-0359	EA	7/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	13.61	1.30
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.08*	
		For >100, Deduct	*-2.16*	
05 05 23 00-0360	EA	7/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	16.30	1.30
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.44*	
05 05 23 00-0361	EA	7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	18.38	1.73
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.31*	
		For >100, Deduct	*-2.63*	
05 05 23 00-0362	EA	7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	19.83	1.73
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.39*	
		For >100, Deduct	*-2.79*	
05 05 23 00-0363	EA	1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	14.90	1.73
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.14*	
		For >100, Deduct	*-2.28*	
05 05 23 00-0364	EA	1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	17.70	1.30
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.30*	
		For >100, Deduct	*-2.60*	
05 05 23 00-0365	EA	1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	20.21	1.30
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.81*	
05 05 23 00-0366	EA	1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	25.27	1.30
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.59*	
		For >100, Deduct	*-3.18*	
05 05 23 00-0367	EA	1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt	24.26	1.30
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.56*	
		For >100, Deduct	*-3.13*	
05 05 23 00-0368	EA	1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	27.29	1.30
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.70*	
		For >100, Deduct	*-3.39*	
05 05 23 00-0369	EA	1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	31.69	1.30
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.88*	
		For >100, Deduct	*-3.76*	
05 05 23 00-0370	EA	1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	36.85	1.73
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-2.08*	
		For >100, Deduct	*-4.16*	

05 05 23 00-0371 Galvanized A325 High Strength Structural Bolts *(05 05 23 00-0348)*

Note: Includes A325 heavy hex nut and structural washer.

05 05 23 00-0372	EA	1/2" Diameter x 1-1/2" Long, Galvanized A325 High Strength Structural Bolt	10.67	0.87
		For >10 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-0.95*	
		For >100, Deduct	*-1.90*	
05 05 23 00-0373	EA	1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	10.79	0.87
		For >10 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-0.95*	
		For >100, Deduct	*-1.90*	
05 05 23 00-0374	EA	5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	11.82	0.87
		For >10 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-0.98*	
		For >100, Deduct	*-1.95*	
05 05 23 00-0375	EA	5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	13.94	0.87
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.13*	
		For >100, Deduct	*-2.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0376	EA	5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	14.12	1.30
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.24*	
05 05 23 00-0377	EA	3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	12.21	0.87
		For >10 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-0.99*	
		For >100, Deduct	*-1.97*	
05 05 23 00-0378	EA	3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	16.15	1.30
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.29*	
		For >100, Deduct	*-2.58*	
05 05 23 00-0379	EA	3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	21.19	1.30
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.68*	
		For >100, Deduct	*-3.36*	
05 05 23 00-0380	EA	3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	20.83	1.73
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.38*	
		For >100, Deduct	*-2.75*	
05 05 23 00-0381	EA	7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	15.71	1.30
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.13*	
		For >100, Deduct	*-2.26*	
05 05 23 00-0382	EA	7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	17.54	1.30
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-2.50*	
05 05 23 00-0383	EA	7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	19.88	1.73
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.35*	
		For >100, Deduct	*-2.70*	
05 05 23 00-0384	EA	7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	24.34	1.73
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.01*	
05 05 23 00-0385	EA	1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	16.53	1.73
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.36*	
05 05 23 00-0386	EA	1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	21.44	1.30
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.39*	
		For >100, Deduct	*-2.78*	
05 05 23 00-0387	EA	1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	23.34	1.30
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.96*	
05 05 23 00-0388	EA	1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	29.13	1.30
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.68*	
		For >100, Deduct	*-3.37*	
05 05 23 00-0389	EA	1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	28.97	1.30
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.68*	
		For >100, Deduct	*-3.36*	
05 05 23 00-0390	EA	1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	30.89	1.30
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.79*	
		For >100, Deduct	*-3.57*	
05 05 23 00-0391	EA	1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	35.82	1.30
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.98*	
		For >100, Deduct	*-3.96*	
05 05 23 00-0392	EA	1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	41.16	1.73
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-2.19*	
		For >100, Deduct	*-4.38*	

05 05 23 00-0393 Hex Head Bolts *(05 05 23 00-0347)*

05 05 23 00-0394 Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0393)*

05 05 23 00-0395 1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0394)*

05 05 23 00-0396	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.19	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0397	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.21	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0398	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.25	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0399	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.28	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0400	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.46	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0401	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.47	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0402	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.54	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0403	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.69	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0404	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.71	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0405	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.82	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0406	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.05	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0407	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.13	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0408	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.25	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0409	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.64	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0410	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.81	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0411	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.85	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	

05 05 23 00-0412 5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0394)*

05 05 23 00-0413	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.23	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0414	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.25	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0415	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.29	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0416	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.32	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0417	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.51	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0418	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.58	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0419	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.61	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0420	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.82	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0421	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.92	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0422	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.96	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0423	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.14	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0424	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.18	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0425	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.57	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0426	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.92	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0427	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.09	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0428	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.25	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	

05 05 23 00-0429 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0394)*

05 05 23 00-0430	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.28	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0431	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.30	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0432	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.35	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0433	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.40	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0434	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.60	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0435	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.69	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0436	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.78	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0437	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.01	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0438	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.13	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0439	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.19	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0440	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.46	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0441	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.53	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0442	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.57	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0443	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.76	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0444	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.83	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0445	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.94	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	

05 05 23 00-0446 7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0394)*

05 05 23 00-0447	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.24	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0448	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.32	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0449	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.33	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0450	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.58	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0451	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.69	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0452	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.78	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0453	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.16	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0454	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.22	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0455	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.36	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0456	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.73	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0457	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.79	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0458	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.96	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0459	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.17	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0460	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.33	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0461	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.63	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-0462 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0394)*

05 05 23 00-0463	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.18	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0464	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.27	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0465	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.36	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0466	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.61	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0467	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.70	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0468	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.79	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0469	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.05	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0470	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.16	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0471	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.34	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0472	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.52	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0473	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.54	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0474	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.70	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0475	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.98	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0476	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.08	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0477	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.35	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0478	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.63	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0479	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.73	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0480	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.11	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0481	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.22	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	

05 05 23 00-0482 9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0394)*

05 05 23 00-0483	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.27	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0484	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.39	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0485	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.42	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0486	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.97	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0487	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.13	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0488	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.18	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0489	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.34	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0490	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.38	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0491	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.52	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0492	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.70	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0493	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.73	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0494	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.85	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0495	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.12	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0496	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.27	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0497	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.41	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0498	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.68	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0499	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.85	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0500	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.96	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0501	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.14	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	

05 05 23 00-0502 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0394)*

05 05 23 00-0503	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.27	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0504	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.35	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0505	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.46	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0506	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.74	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-0507	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.90	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-0508	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.09	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0509	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.49	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-0510	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.79	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-0511	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.02	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-0512	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.27	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0513	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.30	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0514	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.70	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0515	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.06	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0516	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.38	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0517	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.74	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0518	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.29	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0519	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.65	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0520	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.02	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0521	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.30	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0522		3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0394)*		
05 05 23 00-0523	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.54	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0524	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.70	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0525	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.85	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0526	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.18	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-0527	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.41	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-0528	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.62	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-0529	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.99	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-0530	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.27	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0531	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.50	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-0532	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.12	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0533	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.30	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0534	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.66	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0535	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.82	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0536	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.64	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0537	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.02	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0538	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.68	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0539	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.06	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0540	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.57	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0541	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.07	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0542		7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0394)*		
05 05 23 00-0543	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.13	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0544	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.27	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0545	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.33	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0546	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.67	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0547	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.04	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0548	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.48	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0549	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.00	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-0550	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.63	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-0551	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.99	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-0552	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.41	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0553	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.61	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0554	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.12	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0555	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.77	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0556	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.28	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0557	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.78	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0558	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.41	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0559	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.94	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0560	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.43	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0561	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.95	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-0562 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0394)*

05 05 23 00-0563	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.75	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0564	EA	1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.67	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0565	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.40	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0566	EA	1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.12	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0567	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.78	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0568	EA	1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.61	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-0569	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.25	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-0570	EA	1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.91	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-0571	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.38	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0572	EA	1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.70	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0573	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.25	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0574	EA	1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.96	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0575	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.50	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0576	EA	1" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.08	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0577	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.68	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0578	EA	1" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.33	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0579	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.90	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0580	EA	1" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.47	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-0581 Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0393)*

05 05 23 00-0582 1/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0581)*

05 05 23 00-0583	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.23	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0584	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.25	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0585	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.28	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0586	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.33	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0587	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.53	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0588	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.61	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0589	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.71	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0590	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.92	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0591	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.04	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0592	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.12	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0593	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.35	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0594	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.43	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0595	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.50	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0596	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.75	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0597	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.85	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0598	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.96	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	

05 05 23 00-0599 5/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0581)*

05 05 23 00-0600	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.28	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0601	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.30	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0602	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.34	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0603	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.40	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0604	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.60	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0605	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.69	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0606	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.83	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0607	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.05	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0608	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.16	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0609	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.27	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0610	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.63	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0611	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.67	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0612	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.81	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0613	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.14	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0614	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.34	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0615	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.53	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	

05 05 23 00-0616 3/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0581)*

05 05 23 00-0617	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.31	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0618	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.33	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0619	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.40	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0620	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.47	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0621	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.69	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0622	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.77	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0623	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.90	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0624	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.18	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0625	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.48	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0626	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.61	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0627	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.94	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0628	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.07	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0629	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.29	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0630	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.61	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0631	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.91	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0632	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.15	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	

05 05 23 00-0633 7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0581)*

05 05 23 00-0634	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.19	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0635	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.25	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0636	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.40	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0637	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.67	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0638	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.78	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0639	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.89	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0640	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.16	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0641	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.76	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0642	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.02	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0643	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.25	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0644	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.37	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0645	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.50	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0646	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.81	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0647	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.99	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0648	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.16	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-0649 1/2" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0581)*

05 05 23 00-0650	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.27	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0651	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.35	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0652	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.44	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0653	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.73	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0654	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.87	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0655	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.01	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0656	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.28	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0657	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.74	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0658	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.77	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0659	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.24	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0660	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.42	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0661	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.88	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0662	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.44	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0663	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.71	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0664	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.80	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0665	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.43	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0666	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.89	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0667	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.54	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0668	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.78	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	

05 05 23 00-0669 9/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0581)*

05 05 23 00-0670	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.52	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0671	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.67	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0672	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.81	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0673	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.11	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0674	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.30	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0675	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.50	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0676	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.88	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0677	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.70	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0678	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.90	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0679	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.29	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0680	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.51	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0681	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.26	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0682	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.33	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0683	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.63	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0684	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.15	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0685	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.79	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0686	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.98	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0687	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.16	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0688	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.63	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	

05 05 23 00-0689 5/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0581)*

05 05 23 00-0690	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.41	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0691	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.46	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0692	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.51	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0693	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.79	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-0694	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.04	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-0695	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.26	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-0696	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.65	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-0697	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.08	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-0698	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.31	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-0699	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.58	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0700	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.96	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0701	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.55	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0702	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.23	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0703	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.72	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0704	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.79	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0705	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.83	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0706	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.49	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0707	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.45	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0708	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.79	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	

05 05 23 00-0709 3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0581)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0710	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.96	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0711	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.06	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0712	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.12	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0713	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.46	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-0714	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.71	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-0715	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.09	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-0716	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.49	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-0717	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.73	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-0718	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.24	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-0719	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.62	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0720	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.04	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0721	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.56	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0722	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.42	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0723	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.96	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0724	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.26	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0725	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.20	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0726	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.47	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0727	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.35	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0728	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.57	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	

05 05 23 00-0729 7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0581)*

05 05 23 00-0730	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.39	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0731	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.51	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0732	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.68	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0733	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.99	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0734	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.49	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0735	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.82	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0736	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.21	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-0737	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.80	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-0738	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.24	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-0739	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.59	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0740	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.96	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0741	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.53	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0742	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.25	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0743	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.94	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0744	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.98	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0745	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.13	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0746	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.81	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0747	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.38	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0748	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.96	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-0749 1" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0581)*

05 05 23 00-0750	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.49	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0751	EA	1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.53	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0752	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.05	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0753	EA	1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.53	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0754	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.88	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0755	EA	1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.48	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-0756	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.05	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-0757	EA	1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.86	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-0758	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.59	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0759	EA	1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.76	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0760	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.90	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0761	EA	1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.78	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0762	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.00	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0763	EA	1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.34	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0764	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.39	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0765	EA	1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.69	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0766	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.53	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0767	EA	1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	24.10	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-0768 Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0393)*

05 05 23 00-0769 1/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0768)*

05 05 23 00-0770	EA	1/4" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.24	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0771	EA	1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.30	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0772	EA	1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.33	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0773	EA	1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.39	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0774	EA	1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.58	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0775	EA	1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.65	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0776	EA	1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.71	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0777	EA	1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.86	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0778	EA	1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.05	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0779	EA	1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.22	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0780	EA	1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.46	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0781	EA	1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.56	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0782	EA	1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.68	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0783	EA	1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.91	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0784	EA	1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.14	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0785	EA	1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.25	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	

05 05 23 00-0786 5/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0768)*

05 05 23 00-0787	EA	5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.29	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0788	EA	5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.32	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0789	EA	5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.44	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0790	EA	5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.46	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0791	EA	5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.67	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0792	EA	5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.84	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0793	EA	5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.89	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0794	EA	5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.12	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0795	EA	5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.23	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0796	EA	5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.47	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0797	EA	5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.76	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0798	EA	5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.85	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0799	EA	5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.99	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0800	EA	5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.24	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0801	EA	5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.35	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0802	EA	5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.55	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	

05 05 23 00-0803 3/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0768)*

05 05 23 00-0804	EA	3/8" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.41	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0805	EA	3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.42	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0806	EA	3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.43	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0807	EA	3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.56	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0808	EA	3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.79	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0809	EA	3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.92	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0810	EA	3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.04	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0811	EA	3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.55	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0812	EA	3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.70	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0813	EA	3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.73	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0814	EA	3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.94	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0815	EA	3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.11	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0816	EA	3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.84	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0817	EA	3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.16	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0818	EA	3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.50	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0819	EA	3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.27	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	

05 05 23 00-0820 7/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0768)*

05 05 23 00-0821	EA	7/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.28	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0822	EA	7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.30	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0823	EA	7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.50	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0824	EA	7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.67	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0825	EA	7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.90	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0826	EA	7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.03	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0827	EA	7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.20	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0828	EA	7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.71	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0829	EA	7/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.12	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0830	EA	7/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.54	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0831	EA	7/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.68	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0832	EA	7/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.89	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0833	EA	7/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.35	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0834	EA	7/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.03	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0835	EA	7/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.08	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-0836 1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0768)*

05 05 23 00-0837	EA	1/2" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.41	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0838	EA	1/2" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.56	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0839	EA	1/2" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.66	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0840	EA	1/2" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.90	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0841	EA	1/2" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.07	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0842	EA	1/2" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.44	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0843	EA	1/2" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.85	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0844	EA	1/2" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.06	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0845	EA	1/2" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.22	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0846	EA	1/2" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.64	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0847	EA	1/2" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.11	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0848	EA	1/2" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.55	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0849	EA	1/2" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.07	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0850	EA	1/2" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.26	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0851	EA	1/2" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.80	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0852	EA	1/2" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.85	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0853	EA	1/2" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.24	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0854	EA	1/2" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.44	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0855	EA	1/2" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.41	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	

05 05 23 00-0856 9/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0768)*

05 05 23 00-0857	EA	9/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.55	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0858	EA	9/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.64	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0859	EA	9/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.85	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-0860	EA	9/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.31	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0861	EA	9/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.38	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0862	EA	9/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.69	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-0863	EA	9/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.04	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0864	EA	9/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.04	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-0865	EA	9/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.24	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0866	EA	9/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.54	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0867	EA	9/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.98	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0868	EA	9/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.62	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-0869	EA	9/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.69	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0870	EA	9/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.07	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0871	EA	9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.65	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-0872 5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0768)*

05 05 23 00-0873	EA	5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.60	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0874	EA	5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.70	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0875	EA	5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.93	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0876	EA	5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.40	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-0877	EA	5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.68	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-0878	EA	5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.83	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-0879	EA	5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.09	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-0880	EA	5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.58	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-0881	EA	5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.80	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-0882	EA	5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.18	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0883	EA	5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.42	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0884	EA	5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.90	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0885	EA	5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.20	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0886	EA	5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.75	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0887	EA	5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.98	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0888	EA	5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.12	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0889	EA	5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.21	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0890	EA	5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.29	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0891	EA	5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.30	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	

05 05 23 00-0892 3/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0768)*

05 05 23 00-0893	EA	3/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.12	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0894	EA	3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.22	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0895	EA	3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.29	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-0896	EA	3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.57	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-0897	EA	3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.77	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-0898	EA	3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.36	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-0899	EA	3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.76	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-0900	EA	3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.81	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-0901	EA	3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.62	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-0902	EA	3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.06	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0903	EA	3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.48	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0904	EA	3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.27	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0905	EA	3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.37	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0906	EA	3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.79	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0907	EA	3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.00	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-0908	EA	3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.19	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0909	EA	3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.95	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0910	EA	3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.50	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0911	EA	3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.71	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	

05 05 23 00-0912 7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0768)*

05 05 23 00-0913	EA	7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.28	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0914	EA	7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.54	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0915	EA	7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.07	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0916	EA	7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.85	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0917	EA	7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.94	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0918	EA	7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.26	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-0919	EA	7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.14	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-0920	EA	7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.62	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-0921	EA	7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.88	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0922	EA	7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.58	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0923	EA	7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.41	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0924	EA	7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.16	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0925	EA	7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.04	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0926	EA	7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.80	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0927	EA	7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.55	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0928	EA	7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.77	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0929	EA	7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.96	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0930	EA	7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.41	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-0931 1" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0768)*

05 05 23 00-0932	EA	1" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.02	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0933	EA	1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.67	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-0934	EA	1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.11	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0935	EA	1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.60	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0936	EA	1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.51	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-0937	EA	1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.90	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-0938	EA	1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.69	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-0939	EA	1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.74	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-0940	EA	1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.37	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0941	EA	1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.81	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0942	EA	1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.01	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0943	EA	1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.50	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0944	EA	1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.98	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0945	EA	1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.41	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0946	EA	1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.88	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0947	EA	1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.60	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0948	EA	1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.49	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0949	EA	1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	27.65	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-0950 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0393)*

05 05 23 00-0951 1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0950)*

05 05 23 00-0952	EA	1/4" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.32	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0953	EA	1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.33	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0954	EA	1/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.34	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0955	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.47	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0956	EA	1/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.69	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0957	EA	1/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.77	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0958	EA	1/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.80	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0959	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.95	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0960	EA	1/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.04	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0961	EA	1/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.07	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0962	EA	1/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.28	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0963	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.37	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0964	EA	1/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.39	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0965	EA	1/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.62	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0966	EA	1/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.84	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0967	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.13	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	

05 05 23 00-0968 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0950)*

05 05 23 00-0969	EA	5/16" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.26	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0970	EA	5/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.52	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0971	EA	5/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.54	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0972	EA	5/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.55	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0973	EA	5/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.82	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0974	EA	5/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.06	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0975	EA	5/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.10	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0976	EA	5/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.31	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0977	EA	5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.34	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0978	EA	5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.53	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0979	EA	5/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.73	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0980	EA	5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.81	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0981	EA	5/16" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.99	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0982	EA	5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.52	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0983	EA	5/16" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.82	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-0984	EA	5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.10	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	

05 05 23 00-0985 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0950)*

05 05 23 00-0986	EA	3/8" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.34	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0987	EA	3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.40	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0988	EA	3/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.46	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0989	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.62	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-0990	EA	3/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.84	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0991	EA	3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.97	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0992	EA	3/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.06	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-0993	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.33	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0994	EA	3/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.40	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0995	EA	3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.55	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-0996	EA	3/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.77	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0997	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.99	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0998	EA	3/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.03	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-0999	EA	3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.19	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1000	EA	3/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.21	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-1001	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.47	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	

05 05 23 00-1002 7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0950)*

05 05 23 00-1003	EA	7/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.47	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1004	EA	7/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.75	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1005	EA	7/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.97	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1006	EA	7/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.48	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1007	EA	7/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.50	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1008	EA	7/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.52	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1009	EA	7/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.84	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1010	EA	7/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.04	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1011	EA	7/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.22	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1012	EA	7/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.57	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-1013	EA	7/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.79	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	

05 05 23 00-1014 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0950)*

05 05 23 00-1015	EA	1/2" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.34	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1016	EA	1/2" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.43	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1017	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.62	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1018	EA	1/2" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.98	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1019	EA	1/2" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.12	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1020	EA	1/2" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.38	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1021	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.57	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1022	EA	1/2" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.67	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1023	EA	1/2" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.88	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1024	EA	1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.13	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-1025	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.36	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-1026	EA	1/2" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.38	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-1027	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.57	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-1028	EA	1/2" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.63	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-1029	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.81	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-1030	EA	1/2" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.80	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1031	EA	1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.94	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1032	EA	1/2" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.97	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1033	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.05	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	

05 05 23 00-1034 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0950)*

05 05 23 00-1035	EA	5/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.40	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1036	EA	5/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.54	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1037	EA	5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.64	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1038	EA	5/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.94	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-1039	EA	5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.15	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-1040	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.62	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-1041	EA	5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.84	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-1042	EA	5/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.92	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-1043	EA	5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.07	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1044	EA	5/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.40	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1045	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.57	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1046	EA	5/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.05	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1047	EA	5/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.22	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1048	EA	5/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.06	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1049	EA	5/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.30	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1050	EA	5/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.81	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1051	EA	5/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.21	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1052	EA	5/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.11	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1053	EA	5/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.18	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	

05 05 23 00-1054 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0950)*

05 05 23 00-1055	EA	3/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.08	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1056	EA	3/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.12	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1057	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.29	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1058	EA	3/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.82	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-1059	EA	3/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.47	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-1060	EA	3/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.89	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-1061	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.27	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-1062	EA	3/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.30	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-1063	EA	3/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.39	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-1064	EA	3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.60	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1065	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.16	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1066	EA	3/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.39	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1067	EA	3/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.98	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1068	EA	3/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.06	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1069	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.28	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1070	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.77	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1071	EA	3/4" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.01	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1072	EA	3/4" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.14	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1073	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.21	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	

05 05 23 00-1074 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0950)*

05 05 23 00-1075	EA	7/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.17	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1076	EA	7/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.44	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1077	EA	7/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.74	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1078	EA	7/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.14	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1079	EA	7/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.36	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1080	EA	7/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.77	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-1081	EA	7/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.07	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-1082	EA	7/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.44	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-1083	EA	7/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.85	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1084	EA	7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.14	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1085	EA	7/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.45	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1086	EA	7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.93	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1087	EA	7/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.47	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1088	EA	7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.60	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1089	EA	7/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.89	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1090	EA	7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.19	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1091	EA	7/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.57	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1092	EA	7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.92	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-1093 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0950)*

05 05 23 00-1094	EA	1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.05	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1095	EA	1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.29	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1096	EA	1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.79	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1097	EA	1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.19	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1098	EA	1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.25	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-1099	EA	1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.45	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-1100	EA	1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.03	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-1101	EA	1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.23	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1102	EA	1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.45	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1103	EA	1" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.44	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1104	EA	1" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.96	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1105	EA	1" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.80	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1106	EA	1" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.62	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1107	EA	1" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.02	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1108	EA	1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.69	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1109	EA	1" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.19	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1110	EA	1" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.95	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-1111 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0393)*

05 05 23 00-1112 1/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-1111)*

05 05 23 00-1113	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.27	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-1114	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.32	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-1115	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.39	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-1116	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.46	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-1117	EA	1/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.69	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-1118	EA	1/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.80	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-1119	EA	1/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.93	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-1120	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.16	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-1121	EA	1/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.32	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-1122	EA	1/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.46	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-1123	EA	1/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.73	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-1124	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.97	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-1125	EA	1/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.85	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-1126	EA	1/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.40	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-1127	EA	1/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.53	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-1128	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.86	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	

05 05 23 00-1129 5/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-1111)*

05 05 23 00-1130	EA	5/16" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.37	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-1131	EA	5/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.42	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-1132	EA	5/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.52	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1133	EA	5/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.60	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-1134	EA	5/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.90	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-1135	EA	5/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.96	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-1136	EA	5/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.22	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-1137	EA	5/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.55	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-1138	EA	5/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.85	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-1139	EA	5/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.00	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-1140	EA	5/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.61	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-1141	EA	5/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.36	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-1142	EA	5/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.07	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-1143	EA	5/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.99	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	

05 05 23 00-1144 3/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-1111)*

05 05 23 00-1145	EA	3/8" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.50	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-1146	EA	3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.56	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-1147	EA	3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.72	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-1148	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.93	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-1149	EA	3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.18	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-1150	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.34	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-1151	EA	3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.56	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-1152	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.90	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-1153	EA	3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.15	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-1154	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.72	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1155	EA	3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.93	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-1156	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.40	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-1157	EA	3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.39	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-1158	EA	3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.77	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-1159	EA	3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.91	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-1160	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.90	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	

05 05 23 00-1161 7/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-1111)*

05 05 23 00-1162	EA	7/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.76	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1163	EA	7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.83	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1164	EA	7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.09	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1165	EA	7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.40	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1166	EA	7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.72	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1167	EA	7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.24	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1168	EA	7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.62	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1169	EA	7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.24	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1170	EA	7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.50	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1171	EA	7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.49	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-1172	EA	7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.43	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-1173	EA	7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.56	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-1174	EA	7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.81	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-1175 1/2" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-1111)*

05 05 23 00-1176	EA	1/2" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.75	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1177	EA	1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.83	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1178	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.24	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1179	EA	1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.56	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1180	EA	1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.93	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1181	EA	1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.14	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1182	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.52	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1183	EA	1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.70	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1184	EA	1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.68	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1185	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.11	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-1186	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.55	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-1187	EA	1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.05	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-1188	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.93	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-1189	EA	1/2" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.23	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-1190	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.71	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-1191	EA	1/2" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.16	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1192	EA	1/2" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.35	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1193	EA	1/2" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.66	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1194	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.96	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	

05 05 23 00-1195 9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-1111)*

05 05 23 00-1196	EA	9/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.91	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1197	EA	9/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.77	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1198	EA	9/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.27	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1199	EA	9/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.72	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1200	EA	9/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.25	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1201	EA	9/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.18	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1202	EA	9/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.69	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1203	EA	9/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.90	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1204	EA	9/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.86	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1205	EA	9/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.93	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-1206	EA	9/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.99	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	

05 05 23 00-1207 5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-1111)*

05 05 23 00-1208	EA	5/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.21	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1209	EA	5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.41	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1210	EA	5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.22	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1211	EA	5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.50	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-1212	EA	5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.89	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-1213	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.44	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-1214	EA	5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.29	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-1215	EA	5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.30	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-1216	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.92	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-1217	EA	5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.42	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1218	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.99	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1219	EA	5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.04	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1220	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.31	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1221	EA	5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.24	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1222	EA	5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.66	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1223	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.53	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1224	EA	5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.07	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1225	EA	5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.52	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1226	EA	5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.52	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	

05 05 23 00-1227 3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-1111)*

05 05 23 00-1228	EA	3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.10	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1229	EA	3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.49	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1230	EA	3/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.99	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1231	EA	3/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.68	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-1232	EA	3/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.23	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-1233	EA	3/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.17	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-1234	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.87	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-1235	EA	3/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.75	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-1236	EA	3/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.44	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-1237	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.31	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1238	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.12	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1239	EA	3/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.64	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1240	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.83	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1241	EA	3/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.12	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1242	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.88	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1243	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.15	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1244	EA	3/4" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.59	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1245	EA	3/4" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.77	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1246	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.67	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	

05 05 23 00-1247 7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-1111)*

05 05 23 00-1248	EA	7/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.23	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1249	EA	7/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.19	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1250	EA	7/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.06	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1251	EA	7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.03	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1252	EA	7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.35	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1253	EA	7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.29	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-1254	EA	7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.60	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-1255	EA	7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.71	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-1256	EA	7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.16	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1257	EA	7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.97	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1258	EA	7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.43	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1259	EA	7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.30	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1260	EA	7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.30	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1261	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.91	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1262	EA	7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.96	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1263	EA	7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	38.88	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1264	EA	7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	40.69	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1265	EA	7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	42.50	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-1266 1" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-1111)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1267	EA	1" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.55	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1268	EA	1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.24	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1269	EA	1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.43	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1270	EA	1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.30	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1271	EA	1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.74	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1272	EA	1" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.51	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-1273	EA	1" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.52	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-1274	EA	1" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.01	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-1275	EA	1" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.54	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1276	EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.62	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1277	EA	1" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.61	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1278	EA	1" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.80	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1279	EA	1" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.54	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1280	EA	1" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.30	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1281	EA	1" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	36.95	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1282	EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	39.25	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1283	EA	1" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	49.69	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1284	EA	1" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	61.87	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-1285 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0393)*

05 05 23 00-1286 1/4" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-1285)*

05 05 23 00-1287	EA	1/4" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	5.37	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-1288	EA	1/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	5.48	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-1289	EA	1/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	5.56	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1290	EA	1/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	5.62	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-1291	EA	1/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	5.92	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-1292	EA	1/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	6.07	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-1293	EA	1/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.21	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-1294	EA	1/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	6.46	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-1295	EA	1/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.58	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-1296	EA	1/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	6.64	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	
05 05 23 00-1297	EA	1/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.15	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-1298	EA	1/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	7.25	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-1299	EA	1/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.91	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.67*	
05 05 23 00-1300	EA	1/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	15.49	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-1301	EA	1/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	25.26	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	
05 05 23 00-1302	EA	1/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	27.48	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	

05 05 23 00-1303 5/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-1285)*

05 05 23 00-1304	EA	5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	5.52	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-1305	EA	5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	5.65	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-1306	EA	5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	5.86	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-1307	EA	5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	6.01	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.54*	
05 05 23 00-1308	EA	5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.23	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-1309	EA	5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	6.56	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-1310	EA	5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.78	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.58*	
05 05 23 00-1311	EA	5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	7.02	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.63*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1312	EA		5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.50	
			For >100 To 250, Deduct	*-1.08*	
			For >250 To 500, Deduct	*-1.36*	
			For >500, Deduct	*-1.63*	
05 05 23 00-1313	EA		5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	7.60	
			For >100 To 250, Deduct	*-1.08*	
			For >250 To 500, Deduct	*-1.36*	
			For >500, Deduct	*-1.63*	
05 05 23 00-1314	EA		5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.08	
			For >100 To 250, Deduct	*-1.11*	
			For >250 To 500, Deduct	*-1.39*	
			For >500, Deduct	*-1.67*	
05 05 23 00-1315	EA		5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	8.46	
			For >100 To 250, Deduct	*-1.11*	
			For >250 To 500, Deduct	*-1.39*	
			For >500, Deduct	*-1.67*	
05 05 23 00-1316	EA		5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.57	
			For >100 To 250, Deduct	*-1.11*	
			For >250 To 500, Deduct	*-1.39*	
			For >500, Deduct	*-1.67*	
05 05 23 00-1317	EA		5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	16.14	
			For >100 To 250, Deduct	*-1.14*	
			For >250 To 500, Deduct	*-1.43*	
			For >500, Deduct	*-1.72*	

05 05 23 00-1318 3/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-1285)*

05 05 23 00-1319	EA		3/8" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	5.85	
			For >100 To 250, Deduct	*-1.03*	
			For >250 To 500, Deduct	*-1.28*	
			For >500, Deduct	*-1.54*	
05 05 23 00-1320	EA		3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	5.90	
			For >100 To 250, Deduct	*-1.03*	
			For >250 To 500, Deduct	*-1.28*	
			For >500, Deduct	*-1.54*	
05 05 23 00-1321	EA		3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.10	
			For >100 To 250, Deduct	*-1.03*	
			For >250 To 500, Deduct	*-1.28*	
			For >500, Deduct	*-1.54*	
05 05 23 00-1322	EA		3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	6.56	
			For >100 To 250, Deduct	*-1.03*	
			For >250 To 500, Deduct	*-1.28*	
			For >500, Deduct	*-1.54*	
05 05 23 00-1323	EA		3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.88	
			For >100 To 250, Deduct	*-1.06*	
			For >250 To 500, Deduct	*-1.32*	
			For >500, Deduct	*-1.58*	
05 05 23 00-1324	EA		3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	6.96	
			For >100 To 250, Deduct	*-1.06*	
			For >250 To 500, Deduct	*-1.32*	
			For >500, Deduct	*-1.58*	
05 05 23 00-1325	EA		3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.36	
			For >100 To 250, Deduct	*-1.06*	
			For >250 To 500, Deduct	*-1.32*	
			For >500, Deduct	*-1.58*	
05 05 23 00-1326	EA		3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	7.56	
			For >100 To 250, Deduct	*-1.08*	
			For >250 To 500, Deduct	*-1.36*	
			For >500, Deduct	*-1.63*	
05 05 23 00-1327	EA		3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.82	
			For >100 To 250, Deduct	*-1.08*	
			For >250 To 500, Deduct	*-1.36*	
			For >500, Deduct	*-1.63*	
05 05 23 00-1328	EA		3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	7.99	
			For >100 To 250, Deduct	*-1.08*	
			For >250 To 500, Deduct	*-1.36*	
			For >500, Deduct	*-1.63*	
05 05 23 00-1329	EA		3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.71	
			For >100 To 250, Deduct	*-1.11*	
			For >250 To 500, Deduct	*-1.39*	
			For >500, Deduct	*-1.67*	
05 05 23 00-1330	EA		3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	9.39	
			For >100 To 250, Deduct	*-1.11*	
			For >250 To 500, Deduct	*-1.39*	
			For >500, Deduct	*-1.67*	
05 05 23 00-1331	EA		3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.42	
			For >100 To 250, Deduct	*-1.11*	
			For >250 To 500, Deduct	*-1.39*	
			For >500, Deduct	*-1.67*	
05 05 23 00-1332	EA		3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	11.30	
			For >100 To 250, Deduct	*-1.14*	
			For >250 To 500, Deduct	*-1.43*	
			For >500, Deduct	*-1.72*	
05 05 23 00-1333	EA		3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.12	
			For >100 To 250, Deduct	*-1.14*	
			For >250 To 500, Deduct	*-1.43*	
			For >500, Deduct	*-1.72*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1334	EA	3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	17.16	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.43*	
		For >500, Deduct	*-1.72*	

05 05 23 00-1335 7/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-1285)*

05 05 23 00-1336	EA	7/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	7.37	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1337	EA	7/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.66	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1338	EA	7/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	8.21	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1339	EA	7/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.83	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1340	EA	7/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	9.36	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1341	EA	7/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.22	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1342	EA	7/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	11.18	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1343	EA	7/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.34	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1344	EA	7/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	11.65	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1345	EA	7/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.01	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-1346	EA	7/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	12.23	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-1347	EA	7/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.46	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-1348	EA	7/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	12.78	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-1349 1/2" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-1285)*

05 05 23 00-1350	EA	1/2" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	7.35	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1351	EA	1/2" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.67	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1352	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	8.11	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1353	EA	1/2" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.79	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1354	EA	1/2" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	9.28	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1355	EA	1/2" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.40	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1356	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	9.74	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1357	EA	1/2" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.68	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1358	EA	1/2" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	12.58	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1359	EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.87	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-1360	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	13.17	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-1361	EA	1/2" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.53	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-1362	EA	1/2" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	17.24	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-1363	EA	1/2" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.26	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-1364	EA	1/2" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	19.95	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-1365	EA	1/2" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.56	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1366	EA	1/2" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	27.44	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1367	EA	1/2" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	27.92	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1368	EA	1/2" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	28.65	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	

05 05 23 00-1369 9/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-1285)*

05 05 23 00-1370	EA	9/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	15.25	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1371	EA	9/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.28	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1372	EA	9/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	19.75	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-1.76*	
05 05 23 00-1373	EA	9/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	21.84	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1374	EA	9/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	23.88	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1375	EA	9/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	25.93	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-1.81*	
05 05 23 00-1376	EA	9/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	27.35	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1377	EA	9/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	29.04	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	
05 05 23 00-1378	EA	9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	30.54	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.85*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1379	EA	9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	31.13	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	
05 05 23 00-1380	EA	9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	32.45	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.89*	

05 05 23 00-1381 5/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-1285)*

05 05 23 00-1382	EA	5/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	9.69	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1383	EA	5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.78	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1384	EA	5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	9.81	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1385	EA	5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.54	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-1386	EA	5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	11.15	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-1387	EA	5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.08	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-1388	EA	5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	13.63	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-1389	EA	5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.32	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-1390	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	15.91	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-1391	EA	5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.16	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1392	EA	5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	17.64	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1393	EA	5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	20.60	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1394	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	21.80	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1395	EA	5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	22.18	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1396	EA	5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	23.56	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1397	EA	5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.95	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1398	EA	5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	26.13	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1399	EA	5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	31.71	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1400	EA	5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	37.67	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	

05 05 23 00-1401 3/4" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-1285)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1402	EA	3/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	12.04	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1403	EA	3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.25	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1404	EA	3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	13.05	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-1.98*	
05 05 23 00-1405	EA	3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.90	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-1406	EA	3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	15.40	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-1407	EA	3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.26	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.02*	
05 05 23 00-1408	EA	3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	18.27	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-1409	EA	3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.03	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-1410	EA	3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	19.45	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.07*	
05 05 23 00-1411	EA	3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	20.16	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1412	EA	3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	21.12	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1413	EA	3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.08	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1414	EA	3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	28.50	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1415	EA	3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	31.82	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1416	EA	3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	32.33	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.15*	
05 05 23 00-1417	EA	3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	34.48	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1418	EA	3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	39.53	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1419	EA	3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.95	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1420	EA	3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	41.02	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	

05 05 23 00-1421 7/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-1285)*

05 05 23 00-1422	EA	7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.53	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1423	EA	7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	14.92	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1424	EA	7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.83	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1425	EA	7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	17.77	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1426	EA	7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.64	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1427	EA	7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	19.55	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-1428	EA	7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	20.73	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-1429	EA	7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	23.38	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-1430	EA	7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.59	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1431	EA	7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	24.47	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1432	EA	7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	31.87	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1433	EA	7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	35.30	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1434	EA	7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	38.81	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1435	EA	7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	40.54	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1436	EA	7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	42.95	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1437	EA	7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	44.45	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1438	EA	7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	45.95	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1439	EA	7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	47.63	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-1440 1" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-1285)*

05 05 23 00-1441	EA	1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	16.59	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.20*	
05 05 23 00-1442	EA	1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.87	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1443	EA	1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	20.30	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1444	EA	1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	22.59	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.24*	
05 05 23 00-1445	EA	1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	23.56	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1446	EA	1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	25.11	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-1447	EA	1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	26.68	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.29*	
05 05 23 00-1448	EA	1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	28.39	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1449	EA	1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	32.45	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1450	EA	1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	36.43	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1451	EA	1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	42.04	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1452	EA	1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	46.64	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1453	EA	1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	47.30	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1454	EA	1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	48.95	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1455	EA	1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	49.57	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1456	EA	1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	57.19	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1457	EA	1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	64.55	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

05 05 23 00-1458 Threaded Rod *(05 05 23)*

Note: Fully threaded. See CSI section 05 05 23 00-0285 for anchoring adhesive, 05 05 23 00-1551 for nuts and washers.

05 05 23 00-1459 Plain Finish Steel, Low Carbon Threaded Rod *(05 05 23 00-1458)*

05 05 23 00-1460	LF	1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	1.69	0.43
		For Left Hand Threaded Rod, Add	*0.08*	
05 05 23 00-1461	LF	5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.19	0.47
		For Left Hand Threaded Rod, Add	*0.12*	
05 05 23 00-1462	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.54	0.54
		For Left Hand Threaded Rod, Add	*0.15*	
05 05 23 00-1463	LF	7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.38	0.56
		For Left Hand Threaded Rod, Add	*0.23*	
05 05 23 00-1464	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.47	0.58
		For Left Hand Threaded Rod, Add	*0.23*	
05 05 23 00-1465	LF	9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.26	0.58
		For Left Hand Threaded Rod, Add	*0.31*	
05 05 23 00-1466	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.78	0.59
		For Left Hand Threaded Rod, Add	*0.36*	
05 05 23 00-1467	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.73	0.61
		For Left Hand Threaded Rod, Add	*0.65*	
05 05 23 00-1468	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	8.42	0.63
		For Left Hand Threaded Rod, Add	*0.71*	
05 05 23 00-1469	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	11.48	0.72
		For Left Hand Threaded Rod, Add	*1.00*	
05 05 23 00-1470	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	14.25	0.81
		For Left Hand Threaded Rod, Add	*1.27*	
05 05 23 00-1471	LF	1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	18.87	0.87
		For Left Hand Threaded Rod, Add	*1.71*	
05 05 23 00-1472	LF	1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	23.42	0.95
		For Left Hand Threaded Rod, Add	*2.15*	
05 05 23 00-1473	LF	1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	27.99	0.99
		For Left Hand Threaded Rod, Add	*2.60*	
05 05 23 00-1474	LF	1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	34.27	1.04
		For Left Hand Threaded Rod, Add	*3.22*	
05 05 23 00-1475	LF	2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	43.71	1.09
		For Left Hand Threaded Rod, Add	*4.16*	

05 05 23 00-1476 Zinc Plated Steel, Low Carbon Threaded Rod *(05 05 23 00-1458)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1477	LF	1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	1.70	0.43
		For Left Hand Threaded Rod, Add	*0.08*	
05 05 23 00-1478	LF	5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	2.46	0.47
		For Left Hand Threaded Rod, Add	*0.15*	
05 05 23 00-1479	LF	3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	2.75	0.54
		For Left Hand Threaded Rod, Add	*0.17*	
05 05 23 00-1480	LF	7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	3.89	0.56
		For Left Hand Threaded Rod, Add	*0.28*	
05 05 23 00-1481	LF	1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	4.18	0.58
		For Left Hand Threaded Rod, Add	*0.30*	
05 05 23 00-1482	LF	9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	5.43	0.58
		For Left Hand Threaded Rod, Add	*0.43*	
05 05 23 00-1483	LF	5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	5.76	0.59
		For Left Hand Threaded Rod, Add	*0.46*	
05 05 23 00-1484	LF	3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	8.57	0.61
		For Left Hand Threaded Rod, Add	*0.73*	
05 05 23 00-1485	LF	7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	11.06	0.63
		For Left Hand Threaded Rod, Add	*0.98*	
05 05 23 00-1486	LF	1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	14.81	0.72
		For Left Hand Threaded Rod, Add	*1.34*	
05 05 23 00-1487	LF	1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	19.06	0.81
		For Left Hand Threaded Rod, Add	*1.75*	
05 05 23 00-1488	LF	1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	22.74	0.87
		For Left Hand Threaded Rod, Add	*2.09*	
05 05 23 00-1489	LF	1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	25.82	0.95
		For Left Hand Threaded Rod, Add	*2.39*	
05 05 23 00-1490	LF	1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	32.47	0.99
		For Left Hand Threaded Rod, Add	*3.05*	
05 05 23 00-1491	LF	1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	40.17	1.04
		For Left Hand Threaded Rod, Add	*3.81*	
05 05 23 00-1492	LF	2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	58.51	1.09
		For Left Hand Threaded Rod, Add	*5.64*	

05 05 23 00-1493 Hot Dipped Galvanized Steel, Low Carbon Threaded Rod *(05 05 23 00-1458)*

05 05 23 00-1494	LF	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	4.42	0.54
		For Left Hand Threaded Rod, Add	*0.33*	
05 05 23 00-1495	LF	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	6.14	0.58
		For Left Hand Threaded Rod, Add	*0.50*	
05 05 23 00-1496	LF	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	8.23	0.59
		For Left Hand Threaded Rod, Add	*0.70*	
05 05 23 00-1497	LF	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	11.24	0.61
		For Left Hand Threaded Rod, Add	*1.00*	
05 05 23 00-1498	LF	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	15.51	0.63
		For Left Hand Threaded Rod, Add	*1.42*	
05 05 23 00-1499	LF	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	19.98	0.72
		For Left Hand Threaded Rod, Add	*1.85*	
05 05 23 00-1500	LF	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	26.23	0.81
		For Left Hand Threaded Rod, Add	*2.46*	
05 05 23 00-1501	LF	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	34.46	0.87
		For Left Hand Threaded Rod, Add	*3.27*	
05 05 23 00-1502	LF	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	38.49	0.95
		For Left Hand Threaded Rod, Add	*3.66*	
05 05 23 00-1503	LF	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	45.78	0.99
		For Left Hand Threaded Rod, Add	*4.38*	
05 05 23 00-1504	LF	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	55.57	1.04
		For Left Hand Threaded Rod, Add	*5.35*	
05 05 23 00-1505	LF	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	96.81	1.09
		For Left Hand Threaded Rod, Add	*9.47*	

05 05 23 00-1506 304/18-8 Stainless Steel Threaded Rod *(05 05 23 00-1458)*

05 05 23 00-1507	LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	2.00	0.43
		For Left Hand Threaded Rod, Add	*0.11*	
05 05 23 00-1508	LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	2.90	0.47
		For Left Hand Threaded Rod, Add	*0.19*	
05 05 23 00-1509	LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	3.67	0.54
		For Left Hand Threaded Rod, Add	*0.26*	
05 05 23 00-1510	LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	4.96	0.56
		For Left Hand Threaded Rod, Add	*0.38*	
05 05 23 00-1511	LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	5.90	0.58
		For Left Hand Threaded Rod, Add	*0.47*	
05 05 23 00-1512	LF	9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	8.53	0.58
		For Left Hand Threaded Rod, Add	*0.74*	
05 05 23 00-1513	LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	8.66	0.59
		For Left Hand Threaded Rod, Add	*0.75*	
05 05 23 00-1514	LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	11.97	0.61
		For Left Hand Threaded Rod, Add	*1.07*	
05 05 23 00-1515	LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	16.33	0.63
		For Left Hand Threaded Rod, Add	*1.51*	
05 05 23 00-1516	LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod	20.88	0.72
		For Left Hand Threaded Rod, Add	*1.94*	
05 05 23 00-1517	LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	43.76	0.87
		For Left Hand Threaded Rod, Add	*4.20*	
05 05 23 00-1518	LF	1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	62.61	0.99
		For Left Hand Threaded Rod, Add	*6.06*	
05 05 23 00-1519	LF	1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	68.27	1.04
		For Left Hand Threaded Rod, Add	*6.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1520	LF	2" Diameter, 304/18-8 Stainless Steel Threaded Rod	84.11	1.09
		For Left Hand Threaded Rod, Add	*8.20*	

05 05 23 00-1521 316 Stainless Steel Threaded Rod *(05 05 23 00-1458)*

05 05 23 00-1522	LF	1/4" Diameter, 316 Stainless Steel Threaded Rod	2.77	0.43
		For Left Hand Threaded Rod, Add	*0.19*	
05 05 23 00-1523	LF	5/16" Diameter, 316 Stainless Steel Threaded Rod	4.31	0.47
		For Left Hand Threaded Rod, Add	*0.34*	
05 05 23 00-1524	LF	3/8" Diameter, 316 Stainless Steel Threaded Rod	5.65	0.54
		For Left Hand Threaded Rod, Add	*0.46*	
05 05 23 00-1525	LF	7/16" Diameter, 316 Stainless Steel Threaded Rod	8.62	0.56
		For Left Hand Threaded Rod, Add	*0.75*	
05 05 23 00-1526	LF	1/2" Diameter, 316 Stainless Steel Threaded Rod	9.14	0.58
		For Left Hand Threaded Rod, Add	*0.80*	
05 05 23 00-1527	LF	9/16" Diameter, 316 Stainless Steel Threaded Rod	11.87	0.58
		For Left Hand Threaded Rod, Add	*1.07*	
05 05 23 00-1528	LF	5/8" Diameter, 316 Stainless Steel Threaded Rod	12.75	0.59
		For Left Hand Threaded Rod, Add	*1.16*	
05 05 23 00-1529	LF	3/4" Diameter, 316 Stainless Steel Threaded Rod	18.40	0.61
		For Left Hand Threaded Rod, Add	*1.72*	
05 05 23 00-1530	LF	7/8" Diameter, 316 Stainless Steel Threaded Rod	25.06	0.63
		For Left Hand Threaded Rod, Add	*2.38*	
05 05 23 00-1531	LF	1" Diameter, 316 Stainless Steel Threaded Rod	31.65	0.72
		For Left Hand Threaded Rod, Add	*3.02*	
05 05 23 00-1532	LF	1-1/4" Diameter, 316 Stainless Steel Threaded Rod	66.39	0.87
		For Left Hand Threaded Rod, Add	*6.46*	
05 05 23 00-1533	LF	1-1/2" Diameter, 316 Stainless Steel Threaded Rod	86.88	0.99
		For Left Hand Threaded Rod, Add	*8.49*	

05 05 23 00-1534 Plain Finish Steel, B-7 Alloy Threaded Rod *(05 05 23 00-1458)*

05 05 23 00-1535	LF	1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	2.84	0.43
		For Zinc Plating, Add	*0.99*	
05 05 23 00-1536	LF	5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	4.33	0.47
		For Zinc Plating, Add	*1.69*	
05 05 23 00-1537	LF	3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	4.54	0.54
		For Zinc Plating, Add	*1.73*	
05 05 23 00-1538	LF	7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	4.94	0.56
		For Zinc Plating, Add	*1.91*	
05 05 23 00-1539	LF	1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	5.44	0.58
		For Zinc Plating, Add	*2.14*	
05 05 23 00-1540	LF	9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	6.76	0.58
		For Zinc Plating, Add	*2.79*	
05 05 23 00-1541	LF	5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	6.98	0.59
		For Zinc Plating, Add	*2.89*	
05 05 23 00-1542	LF	3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	9.22	0.61
		For Zinc Plating, Add	*4.00*	
05 05 23 00-1543	LF	7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	11.04	0.63
		For Zinc Plating, Add	*4.88*	
05 05 23 00-1544	LF	1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	14.29	0.72
		For Zinc Plating, Add	*6.42*	
05 05 23 00-1545	LF	1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	18.55	0.81
		For Zinc Plating, Add	*8.48*	
05 05 23 00-1546	LF	1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	20.66	0.87
		For Zinc Plating, Add	*9.43*	
05 05 23 00-1547	LF	1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	23.81	0.95
		For Zinc Plating, Add	*10.97*	
05 05 23 00-1548	LF	1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	28.93	0.99
		For Zinc Plating, Add	*13.48*	
05 05 23 00-1549	LF	1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	29.91	1.04
		For Zinc Plating, Add	*13.93*	
05 05 23 00-1550	LF	2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	40.07	1.09
		For Zinc Plating, Add	*18.96*	

05 05 23 00-1551 Nuts And Washers *(05 05 23)*

05 05 23 00-1552 Hex Nuts *(05 05 23 00-1551)*

05 05 23 00-1553 Zinc Plated Steel, Low Carbon/Grade 2 Hex Nuts *(05 05 23 00-1552)*

05 05 23 00-1554	EA	1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.44	0.20
05 05 23 00-1555	EA	5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.49	0.20
05 05 23 00-1556	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.52	0.20
05 05 23 00-1557	EA	7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.60	0.20
05 05 23 00-1558	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.65	0.20
05 05 23 00-1559	EA	9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.83	0.20
05 05 23 00-1560	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.86	0.20
05 05 23 00-1561	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.00	0.40
05 05 23 00-1562	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.42	0.40
05 05 23 00-1563	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.79	0.40
05 05 23 00-1564	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.87	0.40
05 05 23 00-1565	EA	1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.50	0.40
05 05 23 00-1566	EA	1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	5.08	0.40
05 05 23 00-1567	EA	1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	5.87	0.61
05 05 23 00-1568	EA	1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	8.53	0.61
05 05 23 00-1569	EA	2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	12.26	0.61

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1570		**Zinc Plated Steel, Grade 5 Hex Nuts** *(05 05 23 00-1552)*		
05 05 23 00-1571	EA	1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.45	0.20
05 05 23 00-1572	EA	5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.50	0.20
05 05 23 00-1573	EA	3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.54	0.20
05 05 23 00-1574	EA	7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.62	0.20
05 05 23 00-1575	EA	1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.72	0.20
05 05 23 00-1576	EA	9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.85	0.20
05 05 23 00-1577	EA	5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.87	0.20
05 05 23 00-1578	EA	3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.12	0.40
05 05 23 00-1579	EA	7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.54	0.40
05 05 23 00-1580	EA	1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	2.14	0.40
05 05 23 00-1581	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	3.22	0.40
05 05 23 00-1582	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	4.52	0.40
05 05 23 00-1583	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	6.57	0.40
05 05 23 00-1584	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	7.25	0.61
05 05 23 00-1585	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	12.93	0.61
05 05 23 00-1586	EA	2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	18.47	0.61
05 05 23 00-1587		**Zinc Plated Steel, Grade 8 Hex Nuts** *(05 05 23 00-1552)*		
05 05 23 00-1588	EA	1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.46	0.20
05 05 23 00-1589	EA	5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.53	0.20
05 05 23 00-1590	EA	3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.57	0.20
05 05 23 00-1591	EA	7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.69	0.20
05 05 23 00-1592	EA	1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.82	0.20
05 05 23 00-1593	EA	9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.97	0.20
05 05 23 00-1594	EA	5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.09	0.20
05 05 23 00-1595	EA	3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.33	0.40
05 05 23 00-1596	EA	7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.96	0.40
05 05 23 00-1597	EA	1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	2.57	0.40
05 05 23 00-1598	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	3.98	0.40
05 05 23 00-1599	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	4.96	0.40
05 05 23 00-1600	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	8.07	0.40
05 05 23 00-1601	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	8.57	0.61
05 05 23 00-1602	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	12.97	0.61
05 05 23 00-1603	EA	2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	18.27	0.61
05 05 23 00-1604		**Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nuts** *(05 05 23 00-1552)*		
05 05 23 00-1605	EA	1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.46	0.20
05 05 23 00-1606	EA	5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.52	0.20
05 05 23 00-1607	EA	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.56	0.20
05 05 23 00-1608	EA	7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.68	0.20
05 05 23 00-1609	EA	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.78	0.20
05 05 23 00-1610	EA	9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.86	0.20
05 05 23 00-1611	EA	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.94	0.20
05 05 23 00-1612	EA	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.22	0.40
05 05 23 00-1613	EA	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.74	0.40
05 05 23 00-1614	EA	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	2.37	0.40
05 05 23 00-1615	EA	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	3.85	0.40
05 05 23 00-1616	EA	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	4.93	0.40
05 05 23 00-1617	EA	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	7.25	0.40
05 05 23 00-1618	EA	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	8.44	0.61
05 05 23 00-1619	EA	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	14.58	0.61
05 05 23 00-1620	EA	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	25.10	0.61
05 05 23 00-1621		**304 Stainless Steel Hex Nuts** *(05 05 23 00-1552)*		
05 05 23 00-1622	EA	1/4" Diameter, 304 Stainless Steel Hex Nut	0.49	0.20
05 05 23 00-1623	EA	5/16" Diameter, 304 Stainless Steel Hex Nut	0.58	0.20
05 05 23 00-1624	EA	3/8" Diameter, 304 Stainless Steel Hex Nut	0.64	0.20
05 05 23 00-1625	EA	7/16" Diameter, 304 Stainless Steel Hex Nut	0.89	0.20
05 05 23 00-1626	EA	1/2" Diameter, 304 Stainless Steel Hex Nut	0.97	0.20
05 05 23 00-1627	EA	9/16" Diameter, 304 Stainless Steel Hex Nut	1.40	0.20
05 05 23 00-1628	EA	5/8" Diameter, 304 Stainless Steel Hex Nut	1.54	0.20
05 05 23 00-1629	EA	3/4" Diameter, 304 Stainless Steel Hex Nut	1.76	0.40
05 05 23 00-1630	EA	7/8" Diameter, 304 Stainless Steel Hex Nut	2.79	0.40
05 05 23 00-1631	EA	1" Diameter, 304 Stainless Steel Hex Nut	4.22	0.40
05 05 23 00-1632	EA	1-1/4" Diameter, 304 Stainless Steel Hex Nut	9.94	0.40
05 05 23 00-1633	EA	1-1/2" Diameter, 304 Stainless Steel Hex Nut	18.91	0.61
05 05 23 00-1634	EA	1-3/4" Diameter, 304 Stainless Steel Hex Nut	33.06	0.61
05 05 23 00-1635	EA	2" Diameter, 304 Stainless Steel Hex Nut	47.02	0.61
05 05 23 00-1636		**316 Stainless Steel Hex Nuts** *(05 05 23 00-1552)*		
05 05 23 00-1637	EA	1/4" Diameter, 316 Stainless Steel Hex Nut	0.56	0.20
05 05 23 00-1638	EA	5/16" Diameter, 316 Stainless Steel Hex Nut	0.63	0.20
05 05 23 00-1639	EA	3/8" Diameter, 316 Stainless Steel Hex Nut	0.74	0.20
05 05 23 00-1640	EA	7/16" Diameter, 316 Stainless Steel Hex Nut	1.13	0.20
05 05 23 00-1641	EA	1/2" Diameter, 316 Stainless Steel Hex Nut	1.22	0.20
05 05 23 00-1642	EA	9/16" Diameter, 316 Stainless Steel Hex Nut	1.61	0.20
05 05 23 00-1643	EA	5/8" Diameter, 316 Stainless Steel Hex Nut	1.80	0.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1644	EA	3/4" Diameter, 316 Stainless Steel Hex Nut	2.46	0.40
05 05 23 00-1645	EA	7/8" Diameter, 316 Stainless Steel Hex Nut	3.36	0.40
05 05 23 00-1646	EA	1" Diameter, 316 Stainless Steel Hex Nut	5.13	0.40
05 05 23 00-1647	EA	1-1/4" Diameter, 316 Stainless Steel Hex Nut	15.29	0.40
05 05 23 00-1648	EA	1-1/2" Diameter, 316 Stainless Steel Hex Nut	24.61	0.61
05 05 23 00-1649	EA	1-3/4" Diameter, 316 Stainless Steel Hex Nut	41.37	0.61
05 05 23 00-1650	EA	2" Diameter, 316 Stainless Steel Hex Nut	76.69	0.61

05 05 23 00-1651 Flat Washers *(05 05 23 00-1551)*

05 05 23 00-1652 Zinc Plated Steel, Low Carbon Flat Washers *(05 05 23 00-1651)*

05 05 23 00-1653	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.03	
05 05 23 00-1654	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.04	
05 05 23 00-1655	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.08	
05 05 23 00-1656	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.12	
05 05 23 00-1657	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.17	
05 05 23 00-1658	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.19	
05 05 23 00-1659	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.33	
05 05 23 00-1660	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.47	
05 05 23 00-1661	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.56	
05 05 23 00-1662	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.68	
05 05 23 00-1663	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.77	
05 05 23 00-1664	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.92	
05 05 23 00-1665	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.45	
05 05 23 00-1666	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.48	
05 05 23 00-1667	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.20	
05 05 23 00-1668	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.73	

05 05 23 00-1669 Zinc Plated Steel, Hardened Flat Washers *(05 05 23 00-1651)*

05 05 23 00-1670	EA	1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.10	
05 05 23 00-1671	EA	5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.14	
05 05 23 00-1672	EA	3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.16	
05 05 23 00-1673	EA	7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.21	
05 05 23 00-1674	EA	1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.29	
05 05 23 00-1675	EA	9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.47	
05 05 23 00-1676	EA	5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.67	
05 05 23 00-1677	EA	3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.94	
05 05 23 00-1678	EA	7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	1.58	
05 05 23 00-1679	EA	1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	1.75	
05 05 23 00-1680	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	2.54	
05 05 23 00-1681	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	2.78	
05 05 23 00-1682	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	3.66	
05 05 23 00-1683	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	4.18	
05 05 23 00-1684	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	5.62	
05 05 23 00-1685	EA	2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	6.75	

05 05 23 00-1686 Hot Dipped Galvanized Steel Flat Washers *(05 05 23 00-1651)*

05 05 23 00-1687	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.07	
05 05 23 00-1688	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.09	
05 05 23 00-1689	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.11	
05 05 23 00-1690	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.20	
05 05 23 00-1691	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.25	
05 05 23 00-1692	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.41	
05 05 23 00-1693	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.46	
05 05 23 00-1694	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.70	
05 05 23 00-1695	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.98	
05 05 23 00-1696	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.08	
05 05 23 00-1697	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.65	
05 05 23 00-1698	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.84	
05 05 23 00-1699	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.62	
05 05 23 00-1700	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.84	
05 05 23 00-1701	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	4.12	

05 05 23 00-1702 304/18-8 Stainless Steel Flat Washers *(05 05 23 00-1651)*

05 05 23 00-1703	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.07	
05 05 23 00-1704	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.09	
05 05 23 00-1705	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.13	
05 05 23 00-1706	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.25	
05 05 23 00-1707	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.45	
05 05 23 00-1708	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.56	
05 05 23 00-1709	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.82	
05 05 23 00-1710	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.84	
05 05 23 00-1711	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.77	
05 05 23 00-1712	EA	1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	2.24	
05 05 23 00-1713	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	2.61	
05 05 23 00-1714	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	2.81	
05 05 23 00-1715	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	2.97	
05 05 23 00-1716	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	3.62	
05 05 23 00-1717	EA	1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	4.50	
05 05 23 00-1718	EA	2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	8.84	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1719		**316 Stainless Steel Flat Washers** *(05 05 23 00-1651)*		
05 05 23 00-1720	EA	1/4" Inside Diameter, 316 Stainless Steel Flat Washer	0.14	
05 05 23 00-1721	EA	5/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.15	
05 05 23 00-1722	EA	3/8" Inside Diameter, 316 Stainless Steel Flat Washer	0.27	
05 05 23 00-1723	EA	7/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.32	
05 05 23 00-1724	EA	1/2" Inside Diameter, 316 Stainless Steel Flat Washer	0.58	
05 05 23 00-1725	EA	9/16" Inside Diameter, 316 Stainless Steel Flat Washer	1.05	
05 05 23 00-1726	EA	5/8" Inside Diameter, 316 Stainless Steel Flat Washer	1.24	
05 05 23 00-1727	EA	3/4" Inside Diameter, 316 Stainless Steel Flat Washer	1.56	
05 05 23 00-1728	EA	7/8" Inside Diameter, 316 Stainless Steel Flat Washer	2.42	
05 05 23 00-1729	EA	1" Inside Diameter, 316 Stainless Steel Flat Washer	2.70	
05 05 23 00-1730	EA	1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer	3.08	
05 05 23 00-1731	EA	1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer	3.79	
05 05 23 00-1732	EA	1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer	4.00	
05 05 23 00-1733	EA	1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer	4.10	
05 05 23 00-1734	EA	1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer	6.00	
05 05 23 00-1735		**Lock Washers** *(05 05 23 00-1551)*		
05 05 23 00-1736		**Zinc Plated Steel, Low Carbon Lock Washers** *(05 05 23 00-1735)*		
05 05 23 00-1737	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.01	
05 05 23 00-1738	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.02	
05 05 23 00-1739	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.03	
05 05 23 00-1740	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.05	
05 05 23 00-1741	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.07	
05 05 23 00-1742	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.11	
05 05 23 00-1743	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.12	
05 05 23 00-1744	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.19	
05 05 23 00-1745	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.31	
05 05 23 00-1746	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.56	
05 05 23 00-1747	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.82	
05 05 23 00-1748	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.25	
05 05 23 00-1749	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.98	
05 05 23 00-1750	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	2.33	
05 05 23 00-1751	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	4.16	
05 05 23 00-1752	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	4.69	
05 05 23 00-1753		**Hot Dipped Galvanized Steel Lock Washers** *(05 05 23 00-1735)*		
05 05 23 00-1754	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.05	
05 05 23 00-1755	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.06	
05 05 23 00-1756	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.08	
05 05 23 00-1757	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.09	
05 05 23 00-1758	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.14	
05 05 23 00-1759	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.18	
05 05 23 00-1760	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.21	
05 05 23 00-1761	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.36	
05 05 23 00-1762	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.52	
05 05 23 00-1763	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.82	
05 05 23 00-1764	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.48	
05 05 23 00-1765	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.76	
05 05 23 00-1766	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	2.54	
05 05 23 00-1767	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	2.91	
05 05 23 00-1768	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.94	
05 05 23 00-1769	EA	2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	5.36	
05 05 23 00-1770		**304/18-8 Stainless Steel Lock Washers** *(05 05 23 00-1735)*		
05 05 23 00-1771	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.06	
05 05 23 00-1772	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.08	
05 05 23 00-1773	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.12	
05 05 23 00-1774	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.22	
05 05 23 00-1775	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.24	
05 05 23 00-1776	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.58	
05 05 23 00-1777	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.68	
05 05 23 00-1778	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.80	
05 05 23 00-1779	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.44	
05 05 23 00-1780	EA	1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	2.03	
05 05 23 00-1781	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	3.55	
05 05 23 00-1782	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	4.72	
05 05 23 00-1783	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	6.00	
05 05 23 00-1784	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	7.20	
05 05 23 00-1785		**316 Stainless Steel Lock Washers** *(05 05 23 00-1735)*		
05 05 23 00-1786	EA	1/4" Inside Diameter, 316 Stainless Steel Lock Washer	0.07	
05 05 23 00-1787	EA	5/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.16	
05 05 23 00-1788	EA	3/8" Inside Diameter, 316 Stainless Steel Lock Washer	0.18	
05 05 23 00-1789	EA	7/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.31	
05 05 23 00-1790	EA	1/2" Inside Diameter, 316 Stainless Steel Lock Washer	0.34	
05 05 23 00-1791	EA	9/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.62	
05 05 23 00-1792	EA	5/8" Inside Diameter, 316 Stainless Steel Lock Washer	0.68	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1793	EA	3/4" Inside Diameter, 316 Stainless Steel Lock Washer	1.17	
05 05 23 00-1794	EA	7/8" Inside Diameter, 316 Stainless Steel Lock Washer	1.94	
05 05 23 00-1795	EA	1" Inside Diameter, 316 Stainless Steel Lock Washer	2.63	
05 05 23 00-1796	EA	1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer	3.68	
05 05 23 00-1797	EA	1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer	5.66	
05 05 23 00-1798	EA	1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer	10.12	
05 05 23 00-1799	EA	1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer	11.24	
05 05 23 00-1800		Drilling In Steel Plates *(05 05 23)*		
05 05 23 00-1801	EA	Up To 1/2" Diameter Drill Through Up To 1/4" Steel Plate	14.43	
		For Aluminum, Deduct	*-1.44*	
		For Stainless Steel, Add	*1.80*	
05 05 23 00-1802	EA	>1/2" To 7/8" Diameter Drill Through Up To 1/4" Steel Plate	16.97	
		For Aluminum, Deduct	*-1.70*	
		For Stainless Steel, Add	*2.12*	
05 05 23 00-1803	EA	>7/8" To 1-1/2" Diameter Drill Through Up To 1/4" Steel Plate	20.36	
		For Aluminum, Deduct	*-2.04*	
		For Stainless Steel, Add	*2.55*	
05 05 23 00-1804	EA	>1-1/2" To 4" Diameter Drill Through Up To 1/4" Steel Plate	23.76	
		For Aluminum, Deduct	*-2.38*	
		For Stainless Steel, Add	*2.97*	
05 05 23 00-1805	EA	>4" To 10" Diameter Drill Through Up To 1/4" Steel Plate	31.82	
		For Aluminum, Deduct	*-3.18*	
		For Stainless Steel, Add	*3.98*	
05 05 23 00-1806	EA	Up To 1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate	16.97	
		For Aluminum, Deduct	*-1.70*	
		For Stainless Steel, Add	*2.12*	
05 05 23 00-1807	EA	>1/2" To 7/8" Diameter Drill Through >1/4" To 1/2" Steel Plate	21.22	
		For Aluminum, Deduct	*-2.12*	
		For Stainless Steel, Add	*2.65*	
05 05 23 00-1808	EA	>7/8" To 1-1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate	25.46	
		For Aluminum, Deduct	*-2.55*	
		For Stainless Steel, Add	*3.18*	
05 05 23 00-1809	EA	>1-1/2" To 4" Diameter Drill Through >1/4" To 1/2" Steel Plate	31.82	
		For Aluminum, Deduct	*-3.18*	
		For Stainless Steel, Add	*3.98*	
05 05 23 00-1810	EA	Up To 1/2" Diameter Drill Through >1/2" To 1" Steel Plate	21.22	
		For Aluminum, Deduct	*-2.12*	
		For Stainless Steel, Add	*2.65*	
05 05 23 00-1811	EA	>1/2" To 7/8" Diameter Drill Through >1/2" To 1" Steel Plate	28.01	
		For Aluminum, Deduct	*-2.80*	
		For Stainless Steel, Add	*3.50*	
05 05 23 00-1812	EA	>7/8" To 1-1/2" Diameter Drill Through >1/2" To 1" Steel Plate	33.94	
05 05 23 00-1813		Welded Stud Anchors *(05 05 23)*		
05 05 23 00-1814	EA	1/4" Diameter x 1-1/8" Long, Welded Stud Concrete Anchors	2.21	
05 05 23 00-1815	EA	1/4" Diameter x 2-11/16" Long, Welded Stud Concrete Anchors	2.24	
05 05 23 00-1816	EA	1/4" Diameter x 3-1/8" Long, Welded Stud Concrete Anchors	2.25	
05 05 23 00-1817	EA	1/4" Diameter x 4-1/8" Long, Welded Stud Concrete Anchors	2.26	
05 05 23 00-1818	EA	3/8" Diameter x 1-3/8" Long, Welded Stud Concrete Anchors	2.31	
05 05 23 00-1819	EA	3/8" Diameter x 1-5/8" Long, Welded Stud Concrete Anchors	2.38	
05 05 23 00-1820	EA	3/8" Diameter x 2-1/8" Long, Welded Stud Concrete Anchors	2.44	
05 05 23 00-1821	EA	3/8" Diameter x 2-5/8" Long, Welded Stud Concrete Anchors	2.48	
05 05 23 00-1822	EA	3/8" Diameter x 3-1/8" Long, Welded Stud Concrete Anchors	2.51	
05 05 23 00-1823	EA	3/8" Diameter x 4-1/8" Long, Welded Stud Concrete Anchors	2.65	
05 05 23 00-1824	EA	3/8" Diameter x 5-1/8" Long, Welded Stud Concrete Anchors	2.76	
05 05 23 00-1825	EA	3/8" Diameter x 6-1/8" Long, Welded Stud Concrete Anchors	2.85	
05 05 23 00-1826	EA	1/2" Diameter x 1-1/2" Long, Welded Stud Concrete Anchors	2.70	
05 05 23 00-1827	EA	1/2" Diameter x 1-5/8" Long, Welded Stud Concrete Anchors	2.71	
05 05 23 00-1828	EA	1/2" Diameter x 2-1/8" Long, Welded Stud Concrete Anchors	2.82	
05 05 23 00-1829	EA	1/2" Diameter x 2-5/8" Long, Welded Stud Concrete Anchors	2.91	
05 05 23 00-1830	EA	1/2" Diameter x 3-1/8" Long, Welded Stud Concrete Anchors	3.03	
05 05 23 00-1831	EA	1/2" Diameter x 4-1/8" Long, Welded Stud Concrete Anchors	3.22	
05 05 23 00-1832	EA	1/2" Diameter x 5-5/16" Long, Welded Stud Concrete Anchors	3.34	
05 05 23 00-1833	EA	1/2" Diameter x 6-1/8" Long, Welded Stud Concrete Anchors	3.67	
05 05 23 00-1834	EA	1/2" Diameter x 8-1/8" Long, Welded Stud Concrete Anchors	4.29	
05 05 23 00-1835	EA	5/8" Diameter x 2-11/16" Long, Welded Stud Concrete Anchors	3.51	
05 05 23 00-1836	EA	5/8" Diameter x 3-3/16" Long, Welded Stud Concrete Anchors	3.66	
05 05 23 00-1837	EA	5/8" Diameter x 3-11/16" Long, Welded Stud Concrete Anchors	3.79	
05 05 23 00-1838	EA	5/8" Diameter x 4-3/16" Long, Welded Stud Concrete Anchors	3.92	
05 05 23 00-1839	EA	5/8" Diameter x 4-11/16" Long, Welded Stud Concrete Anchors	4.02	
05 05 23 00-1840	EA	5/8" Diameter x 5-3/16" Long, Welded Stud Concrete Anchors	4.12	
05 05 23 00-1841	EA	5/8" Diameter x 6-3/16" Long, Welded Stud Concrete Anchors	4.25	
05 05 23 00-1842	EA	5/8" Diameter x 6-9/16" Long, Welded Stud Concrete Anchors	4.78	
05 05 23 00-1843	EA	5/8" Diameter x 8-3/16" Long, Welded Stud Concrete Anchors	5.52	
05 05 23 00-1844		Welded Shear Stud Connector *(05 05 23)*		
05 05 23 00-1845		3/4" Diameter Welded Shear Stud Connector *(05 05 23 00-1844)*		
05 05 23 00-1846	EA	3/4" Diameter x 3-3/16" Long, Welded Shear Stud Connector	4.32	
05 05 23 00-1847	EA	3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector	4.43	
05 05 23 00-1848	EA	3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector	4.46	
05 05 23 00-1849	EA	3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector	4.47	
05 05 23 00-1850	EA	3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector	4.60	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1851	EA	3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector	4.83	
05 05 23 00-1852	EA	3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector	7.09	
05 05 23 00-1853	EA	3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector	5.11	
05 05 23 00-1854	EA	3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector	5.52	
05 05 23 00-1855	EA	3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector	7.95	
05 05 23 00-1856	EA	3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector	8.08	
05 05 23 00-1857	EA	3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector	8.53	
05 05 23 00-1858	EA	3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector	10.42	

05 05 23 00-1859 7/8" Diameter Welded Shear Stud Connector *(05 05 23 00-1844)*

05 05 23 00-1860	EA	7/8" Diameter x 3-3/16" Long, Welded Shear Stud Connector	4.88	
05 05 23 00-1861	EA	7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector	5.06	
05 05 23 00-1862	EA	7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector	5.24	
05 05 23 00-1863	EA	7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector	5.76	
05 05 23 00-1864	EA	7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector	8.23	
05 05 23 00-1865	EA	7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector	8.77	
05 05 23 00-1866	EA	7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector	9.31	
05 05 23 00-1867	EA	7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector	10.83	

05 05 23 00-1868 1" Diameter Welded Shear Stud Connector *(05 05 23 00-1844)*

05 05 23 00-1869	EA	1" Diameter x 3-1/4" Long, Welded Shear Stud Connector	6.06	
05 05 23 00-1870	EA	1" Diameter x 4-1/4" Long, Welded Shear Stud Connector	6.61	
05 05 23 00-1871	EA	1" Diameter x 5-1/4" Long, Welded Shear Stud Connector	7.43	
05 05 23 00-1872	EA	1" Diameter x 6-1/4" Long, Welded Shear Stud Connector	10.27	
05 05 23 00-1873	EA	1" Diameter x 7-1/4" Long, Welded Shear Stud Connector	11.13	
05 05 23 00-1874	EA	1" Diameter x 8-1/4" Long, Welded Shear Stud Connector	11.99	

05 10 Structural Metal Framing *(05)*

05 12 Structural Steel Framing *(05 10)*

05 12 23 Structural Steel For Buildings *(05 12)*

Note: Prices are based on ASTM A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection. Excludes moment connection welding. See CSI section 05 12 23 00-0101 for field fabrication of additional structural metal connections, 05 12 23 00-0116 for moment connection welding.

05 12 23 00-0001 Rolled Steel Members *(05 12 23)*

05 12 23 00-0002 Beams, Girders And Columns *(05 12 23 00-0001)*

Note: For one and two story I beams and W shapes.

05 12 23 00-0003	TON	0-30 LB/LF Beams, Girders And Columns For 1 And 2 Story	5,845.07	965.69
		For ASTM A242 Type 2 High Strength Steel, Add	*307.78*	
		For Hot Dip Galvanizing, Add	*1,077.24*	
05 12 23 00-0004	TON	30-65 LB/LF Beams, Girders And Columns For 1 And 2 Story	3,823.43	624.25
		For ASTM A242 Type 2 High Strength Steel, Add	*252.60*	
		For Hot Dip Galvanizing, Add	*884.10*	
05 12 23 00-0005	TON	65-100 LB/LF Beams, Girders And Columns For 1 And 2 Story	3,177.75	351.17
		For ASTM A242 Type 2 High Strength Steel, Add	*224.25*	
		For Hot Dip Galvanizing, Add	*784.89*	
05 12 23 00-0006	TON	100-300 LB/LF Beams, Girders And Columns For 1 And 2 Story	2,116.08	186.92
		For ASTM A242 Type 2 High Strength Steel, Add	*153.30*	
		For Hot Dip Galvanizing, Add	*536.56*	

05 12 23 00-0007 Trusses, Built-Up *(05 12 23 00-0001)*

05 12 23 00-0008	TON	Built-Up Trusses, Rolled Structural Steel Members	4,054.74	656.74
		For ASTM A242 Type 2 High Strength Steel, Add	*268.37*	
		For Hot Dip Galvanizing, Add	*939.28*	

05 12 23 00-0009 Shapes *(05 12 23 00-0001)*

05 12 23 00-0010 Rolled Shape Steel Angles *(05 12 23 00-0009)*

05 12 23 00-0011	TON	0-10 LB/LF Rolled Shape Steel Angles	8,548.02	1,795.20
		For ASTM A242 Type 2 High Strength Steel, Add	*444.48*	
		For Hot Dip Galvanizing, Add	*1,555.68*	
05 12 23 00-0012	TON	10-20 LB/LF Rolled Shape Steel Angles	7,312.69	1,053.52
		For ASTM A242 Type 2 High Strength Steel, Add	*425.19*	
		For Hot Dip Galvanizing, Add	*1,488.17*	
05 12 23 00-0013	TON	20-58 LB/LF Rolled Shape Steel Angles	5,341.26	624.25
		For ASTM A242 Type 2 High Strength Steel, Add	*374.03*	
		For Hot Dip Galvanizing, Add	*1,309.12*	

05 12 23 00-0014 Rolled C, MC Steel Channels *(05 12 23 00-0009)*

05 12 23 00-0015	TON	0-10 LB/LF Rolled C, MC Steel Channels	9,588.48	2,458.22
		For ASTM A242 Type 2 High Strength Steel, Add	*437.77*	
		For Hot Dip Galvanizing, Add	*1,532.20*	
05 12 23 00-0016	TON	10-20 LB/LF Rolled C, MC Steel Channels	7,239.31	1,872.93
		For ASTM A242 Type 2 High Strength Steel, Add	*419.32*	
		For Hot Dip Galvanizing, Add	*1,467.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0017	TON	20-58 LB/LF Rolled C, MC Steel Channels	5,257.40	624.25
		For ASTM A242 Type 2 High Strength Steel, Add	*367.33*	
		For Hot Dip Galvanizing, Add	*1,285.64*	

05 12 23 00-0018 Double L Shape Steel Angles *(05 12 23 00-0009)*

05 12 23 00-0019	TON	0-20 LB/LF Double L Shape Steel Angles	7,839.69	1,424.36
		For ASTM A242 Type 2 High Strength Steel, Add	*427.71*	
		For Hot Dip Galvanizing, Add	*1,496.98*	
05 12 23 00-0020	TON	20-50 LB/LF Double L Shape Steel Angles	5,697.69	624.25
		For ASTM A242 Type 2 High Strength Steel, Add	*402.55*	
		For Hot Dip Galvanizing, Add	*1,408.92*	
05 12 23 00-0021	TON	50-80 LB/LF Double L Shape Steel Angles	4,253.30	351.17
		For ASTM A242 Type 2 High Strength Steel, Add	*310.30*	
		For Hot Dip Galvanizing, Add	*1,086.04*	
05 12 23 00-0022	TON	80-115 LB/LF Double L Shape Steel Angles	2,715.40	187.20
		For ASTM A242 Type 2 High Strength Steel, Add	*201.27*	
		For Hot Dip Galvanizing, Add	*704.46*	

05 12 23 00-0023 Structural WT, MT, ST Tee Shapes *(05 12 23 00-0001)*

05 12 23 00-0024	TON	0-30 LB/LF Structural WT, MT, ST Tee Shapes	7,029.65	1,053.52
		For ASTM A242 Type 2 High Strength Steel, Add	*402.55*	
		For Hot Dip Galvanizing, Add	*1,408.92*	
05 12 23 00-0025	TON	30-65 LB/LF Structural WT, MT, ST Tee Shapes	4,513.20	624.25
		For ASTM A242 Type 2 High Strength Steel, Add	*307.78*	
		For Hot Dip Galvanizing, Add	*1,077.24*	
05 12 23 00-0026	TON	65-100 LB/LF Structural WT, MT, ST Tee Shapes	3,519.49	351.17
		For ASTM A242 Type 2 High Strength Steel, Add	*251.59*	
		For Hot Dip Galvanizing, Add	*880.57*	
05 12 23 00-0027	TON	100-365 LB/LF Structural WT, MT, ST Tee Shapes	2,568.95	186.92
		For ASTM A242 Type 2 High Strength Steel, Add	*189.53*	
		For Hot Dip Galvanizing, Add	*663.37*	

05 12 23 00-0028 Combination Section Shapes *(05 12 23 00-0001)*

05 12 23 00-0029 Combination Section, W Shapes And Angles *(05 12 23 00-0028)*

05 12 23 00-0030	TON	0-30 LB/LF Combination Section - W Shapes And Angles	6,704.67	1,053.52
		For ASTM A242 Type 2 High Strength Steel, Add	*376.55*	
		For Hot Dip Galvanizing, Add	*1,317.93*	
05 12 23 00-0031	TON	30-65 LB/LF Combination Section - W Shapes And Angles	4,544.66	624.25
		For ASTM A242 Type 2 High Strength Steel, Add	*310.30*	
		For Hot Dip Galvanizing, Add	*1,086.04*	
05 12 23 00-0032	TON	65-100 LB/LF Combination Section - W Shapes And Angles	3,257.41	351.17
		For ASTM A242 Type 2 High Strength Steel, Add	*230.63*	
		For Hot Dip Galvanizing, Add	*807.19*	
05 12 23 00-0033	TON	100-300 LB/LF Combination Section - W Shapes And Angles	2,778.30	186.92
		For ASTM A242 Type 2 High Strength Steel, Add	*206.31*	
		For Hot Dip Galvanizing, Add	*722.07*	
05 12 23 00-0034	TON	300-500 LB/LF Combination Section - W Shapes And Angles	2,374.71	93.83
		For ASTM A242 Type 2 High Strength Steel, Add	*181.99*	
		For Hot Dip Galvanizing, Add	*636.95*	

05 12 23 00-0035 Combination Section, S Shapes And Angles *(05 12 23 00-0028)*

05 12 23 00-0036	TON	30-65 LB/LF Combination Section - S Shapes And Angles	4,376.92	624.25
		For ASTM A242 Type 2 High Strength Steel, Add	*296.88*	
		For Hot Dip Galvanizing, Add	*1,039.08*	
05 12 23 00-0037	TON	65-100 LB/LF Combination Section - S Shapes And Angles	3,267.90	351.17
		For ASTM A242 Type 2 High Strength Steel, Add	*231.47*	
		For Hot Dip Galvanizing, Add	*810.13*	

05 12 23 00-0038 Combination Section, Channels And Angles *(05 12 23 00-0028)*

05 12 23 00-0039	TON	0-30 LB/LF Combination Section - Channels And Angles	7,029.65	1,053.52
		For ASTM A242 Type 2 High Strength Steel, Add	*402.55*	
		For Hot Dip Galvanizing, Add	*1,408.92*	
05 12 23 00-0040	TON	30-65 LB/LF Combination Section - Channels And Angles	4,754.31	624.25
		For ASTM A242 Type 2 High Strength Steel, Add	*327.07*	
		For Hot Dip Galvanizing, Add	*1,144.75*	
05 12 23 00-0041	TON	65-100 LB/LF Combination Section - Channels And Angles	3,341.28	351.17
		For ASTM A242 Type 2 High Strength Steel, Add	*237.34*	
		For Hot Dip Galvanizing, Add	*830.68*	

05 12 23 00-0042 Standard Weight Pipe *(05 12 23 00-0001)*

05 12 23 00-0043	TON	1/2" To 5" Diameter Standard Weight Pipe	3,870.05	561.88
		For ASTM A242 Type 2 High Strength Steel, Add	*261.66*	
		For Hot Dip Galvanizing, Add	*915.80*	
05 12 23 00-0044	TON	6" To 12" Diameter Standard Weight Pipe	4,166.64	702.35
		For ASTM A242 Type 2 High Strength Steel, Add	*273.40*	
		For Hot Dip Galvanizing, Add	*956.89*	

05 12 23 00-0045 Steel Shapes *(05 12 23)*

05 12 23 00-0046 Steel Rods *(05 12 23 00-0045)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0047	TON	1/2" To 5" Diameter Extra Strong Steel, Solid	4,116.32	439.01
		For ASTM A242 Type 2 High Strength Steel, Add	*291.85*	
		For Hot Dip Galvanizing, Add	*1,021.47*	
05 12 23 00-0048	TON	6" To 12" Diameter Extra Strong Steel, Solid	4,754.31	624.25
		For ASTM A242 Type 2 High Strength Steel, Add	*327.07*	
		For Hot Dip Galvanizing, Add	*1,144.75*	
05 12 23 00-0049		**Column Base Plates** *(05 12 23 00-0045)*		
05 12 23 00-0050	LB	Column Base Plates, Up To 150# / Each, A36 Miscellaneous Steel Items	2.21	0.60
		For ASTM A242 Type 2 High Strength Steel, Add	*0.13*	
		For Hot Dip Galvanizing, Add	*0.44*	
05 12 23 00-0051	LB	Column Base Plates, Over 150# / Each, A36 Miscellaneous Steel Items	2.06	0.52
		For ASTM A242 Type 2 High Strength Steel, Add	*0.12*	
		For Hot Dip Galvanizing, Add	*0.42*	
05 12 23 00-0052	TON	Column Base Plates, Up To 150# Each, A36 Miscellaneous Steel Items	3,820.99	542.06
		For ASTM A242 Type 2 High Strength Steel, Add	*259.42*	
		For Hot Dip Galvanizing, Add	*907.98*	
05 12 23 00-0053	TON	Column Base Plates, Over 150# Each, A36 Miscellaneous Steel Items	2,692.39	325.24
		For ASTM A242 Type 2 High Strength Steel, Add	*187.64*	
		For Hot Dip Galvanizing, Add	*656.73*	
05 12 23 00-0054		**Double Extra Strong Pipes** *(05 12 23 00-0045)*		
05 12 23 00-0055	TON	2" To 5" Diameter Double Extra Strong Pipe	5,028.44	802.64
		For ASTM A242 Type 2 High Strength Steel, Add	*333.78*	
		For Hot Dip Galvanizing, Add	*1,168.23*	
05 12 23 00-0056	TON	6" To 8" Diameter Double Extra Strong Pipe	4,423.62	432.18
		For ASTM A242 Type 2 High Strength Steel, Add	*317.01*	
		For Hot Dip Galvanizing, Add	*1,109.53*	
05 12 23 00-0057		**Structural Pipes** *(05 12 23 00-0045)*		
05 12 23 00-0058	TON	3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	3,505.83	370.84
		For ASTM A242 Type 2 High Strength Steel, Add	*234.82*	
		For Hot Dip Galvanizing, Add	*821.87*	
05 12 23 00-0059	TON	6" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	3,878.80	427.69
		For ASTM A242 Type 2 High Strength Steel, Add	*234.82*	
		For Hot Dip Galvanizing, Add	*821.87*	
05 12 23 00-0060		**Structural Tubing** *(05 12 23 00-0045)*		
05 12 23 00-0061		**Rectangle Structural Tubing** *(05 12 23 00-0060)*		
05 12 23 00-0062	TON	3" x 2" Weight Range 5-7 LB/LF Structural Tubing - Rectangle	5,641.08	374.58
		For ASTM A242 Type 2 High Strength Steel, Add	*419.32*	
		For Hot Dip Galvanizing, Add	*1,467.63*	
05 12 23 00-0063	TON	4" x 3", 2" Weight Range 6-13 LB/LF Structural Tubing - Rectangle	5,702.55	432.18
		For ASTM A242 Type 2 High Strength Steel, Add	*419.32*	
		For Hot Dip Galvanizing, Add	*1,467.63*	
05 12 23 00-0064	TON	5" x 4", 2" Weight Range 8-20 LB/LF Structural Tubing - Rectangle	5,007.16	468.23
		For ASTM A242 Type 2 High Strength Steel, Add	*360.62*	
		For Hot Dip Galvanizing, Add	*1,262.16*	
05 12 23 00-0065	TON	6" x 4", 3 ", 2" Weight Range 9-29 LB/LF Structural Tubing - Rectangle	4,792.55	561.88
		For ASTM A242 Type 2 High Strength Steel, Add	*335.46*	
		For Hot Dip Galvanizing, Add	*1,174.10*	
05 12 23 00-0066	TON	7" x 5", 4 ", 3" Weight Range 12-35 LB/LF Structural Tubing - Rectangle	4,544.65	624.25
		For ASTM A242 Type 2 High Strength Steel, Add	*310.30*	
		For Hot Dip Galvanizing, Add	*1,086.04*	
05 12 23 00-0067	TON	8" x 6", 4 ", 3", 2" Weight Range 11-42 LB/LF Structural Tubing - Rectangle	4,800.21	863.89
		For ASTM A242 Type 2 High Strength Steel, Add	*310.30*	
		For Hot Dip Galvanizing, Add	*1,086.04*	
05 12 23 00-0068	TON	10" x 6", 4 ", 2" Weight Range 15-50 LB/LF Structural Tubing - Rectangle	5,180.75	1,142.02
		For ASTM A242 Type 2 High Strength Steel, Add	*317.01*	
		For Hot Dip Galvanizing, Add	*1,109.53*	
05 12 23 00-0069	TON	12" x 6", 4 ", 2" Weight Range 17-76 LB/LF Structural Tubing - Rectangle	5,335.20	1,247.47
		For ASTM A242 Type 2 High Strength Steel, Add	*320.36*	
		For Hot Dip Galvanizing, Add	*1,121.27*	
05 12 23 00-0070	TON	14" x 10", 6", 4" Weight Range 29-76 LB/LF Structural Tubing - Rectangle	5,502.87	1,404.70
		For ASTM A242 Type 2 High Strength Steel, Add	*320.36*	
		For Hot Dip Galvanizing, Add	*1,121.27*	
05 12 23 00-0071	TON	16" x 12", 8", 4" Weight Range 40-90 LB/LF Structural Tubing - Rectangle	7,110.37	2,951.09
		For ASTM A242 Type 2 High Strength Steel, Add	*317.01*	
		For Hot Dip Galvanizing, Add	*1,109.53*	
05 12 23 00-0072	TON	18" x 6" Weight Range 48-76 LB/LF Structural Tubing - Rectangle	5,855.55	1,872.93
		For ASTM A242 Type 2 High Strength Steel, Add	*308.62*	
		For Hot Dip Galvanizing, Add	*1,080.17*	
05 12 23 00-0073	TON	20" x 12", 8", 4" Weight Range 48-105 LB/LF Structural Tubing - Rectangle	8,663.57	4,308.96
		For ASTM A242 Type 2 High Strength Steel, Add	*325.39*	
		For Hot Dip Galvanizing, Add	*1,138.88*	
05 12 23 00-0074		**Square Structural Tubing** *(05 12 23 00-0060)*		
05 12 23 00-0075	TON	2" x 2" Weight Range 4-6 LB/LF Structural Tubing - Square	5,616.10	351.17
		For ASTM A242 Type 2 High Strength Steel, Add	*419.32*	
		For Hot Dip Galvanizing, Add	*1,467.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0076	TON	2.5" x 2.5" Weight Range 5-8 LB/LF Structural Tubing - Square	5,641.08	374.58
		For ASTM A242 Type 2 High Strength Steel, Add	*419.32*	
		For Hot Dip Galvanizing, Add	*1,467.63*	
05 12 23 00-0077	TON	3" x 3" Weight Range 6-11 LB/LF Structural Tubing - Square	5,111.99	468.23
		For ASTM A242 Type 2 High Strength Steel, Add	*369.00*	
		For Hot Dip Galvanizing, Add	*1,291.51*	
05 12 23 00-0078	TON	3.5" x 3.5" Weight Range 8-13 LB/LF Structural Tubing - Square	5,107.05	561.88
		For ASTM A242 Type 2 High Strength Steel, Add	*360.62*	
		For Hot Dip Galvanizing, Add	*1,262.16*	
05 12 23 00-0079	TON	4" x 4" Weight Range 10-22 LB/LF Structural Tubing - Square	4,187.61	702.35
		For ASTM A242 Type 2 High Strength Steel, Add	*275.08*	
		For Hot Dip Galvanizing, Add	*962.76*	
05 12 23 00-0080	TON	5" x 5" Weight Range 12-30 LB/LF Structural Tubing - Square	4,294.63	802.64
		For ASTM A242 Type 2 High Strength Steel, Add	*275.08*	
		For Hot Dip Galvanizing, Add	*962.76*	
05 12 23 00-0081	TON	6" x 6" Weight Range 15-35 LB/LF Structural Tubing - Square	4,637.11	1,123.76
		For ASTM A242 Type 2 High Strength Steel, Add	*275.08*	
		For Hot Dip Galvanizing, Add	*962.76*	
05 12 23 00-0082	TON	7" x 7" Weight Range 17-42 LB/LF Structural Tubing - Square	4,999.68	1,404.70
		For ASTM A242 Type 2 High Strength Steel, Add	*280.11*	
		For Hot Dip Galvanizing, Add	*980.37*	
05 12 23 00-0083	TON	8" x 8" Weight Range 20-60 LB/LF Structural Tubing - Square	6,065.21	1,872.93
		For ASTM A242 Type 2 High Strength Steel, Add	*325.39*	
		For Hot Dip Galvanizing, Add	*1,138.88*	
05 12 23 00-0084	TON	10" x 10" Weight Range 33-77 LB/LF Structural Tubing - Square	7,064.11	2,809.40
		For ASTM A242 Type 2 High Strength Steel, Add	*325.39*	
		For Hot Dip Galvanizing, Add	*1,138.88*	
05 12 23 00-0085	TON	12" x 12" Weight Range 40-80 LB/LF Structural Tubing - Square	7,018.57	3,297.39
		For ASTM A242 Type 2 High Strength Steel, Add	*280.11*	
		For Hot Dip Galvanizing, Add	*980.37*	
05 12 23 00-0086	TON	14" x 14" Weight Range 57-90 LB/LF Structural Tubing - Square	8,579.70	4,308.96
		For ASTM A242 Type 2 High Strength Steel, Add	*318.68*	
		For Hot Dip Galvanizing, Add	*1,115.39*	
05 12 23 00-0087	TON	16" x 16" Weight Range 65-105 LB/LF Structural Tubing - Square	10,060.80	5,618.80
		For ASTM A242 Type 2 High Strength Steel, Add	*325.39*	
		For Hot Dip Galvanizing, Add	*1,138.88*	

05 12 23 00-0088 Structural Shapes *(05 12 23 00-0045)*

05 12 23 00-0089	TON	Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts (Up To 20 LB/LF)	6,968.19	2,168.22
		For ASTM A242 Type 2 High Strength Steel, Add	*282.13*	
		For Hot Dip Galvanizing, Add	*987.44*	
		For >20 To 50 LB/LF, Deduct	*-868.90*	
		For >50 To 75 LB/LF, Deduct	*-1,389.39*	
		For >75 To 100 LB/LF, Deduct	*-1,909.88*	
05 12 23 00-0090	TON	Structural Shapes, Steel Plate A36 Structural Steel Note: Up to 21.5 LB per SF	4,507.95	867.28
		For ASTM A242 Type 2 High Strength Steel, Add	*268.37*	
		For Hot Dip Galvanizing, Add	*939.30*	
		For >21.5 To 50 LB/LF, Deduct	*-508.46*	
05 12 23 00-0091	LB	Structural Shapes, Primed Pipe Supports (Up To 20 LB/LF)	2.58	0.19
05 12 23 00-0092	LB	Structural Shapes, Galvanized Pipe Supports	3.11	0.19

05 12 23 00-0093 Built-Up Trusses *(05 12 23 00-0045)*

05 12 23 00-0094	TON	0-50 LF Span Average Weight 100 LB/LF Trusses, Built-up	4,566.27	280.94
05 12 23 00-0095	TON	50-100 LF Span Average Weight 120 LB/LF Trusses, Built-up	4,475.01	156.01
05 12 23 00-0096	TON	100-200 LF Span Average Weight 150 LB/LF Trusses, Built-up	3,966.86	82.60
05 12 23 00-0097	TON	>200 LF Span Average Weight 180 LB/LF Trusses, Built-up	3,857.13	78.10

05 12 23 00-0098 Accessories For Steel *(05 12 23)*

05 12 23 00-0099 Field Painting For Touch-Up Of Shop Prime Coat *(05 12 23 00-0098)*

05 12 23 00-0100	SF	Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat	0.75	

05 12 23 00-0101 Connection And Stiffener Plates *(05 12 23 00-0098)*

Note: For field fabrication of additional structural metal connections.

05 12 23 00-0102	TON	1/8" Plate Weight 6.16 LB/SF Connection And Stiffener Plates	9,684.52	
05 12 23 00-0103	TON	3/16" Plate Weight 8.71 LB/SF Connection And Stiffener Plates	8,262.79	
05 12 23 00-0104	TON	1/4" Plate Weight 11.26 LB/SF Connection And Stiffener Plates	6,389.79	
05 12 23 00-0105	TON	5/16" Plate Weight 13.81 LB/SF Connection And Stiffener Plates	6,389.79	
05 12 23 00-0106	TON	3/8" Plate Weight 16.37 LB/SF Connection And Stiffener Plates	6,389.79	
05 12 23 00-0107	TON	1/2" Plate Weight 21.47 LB/SF Connection And Stiffener Plates	6,389.79	
05 12 23 00-0108	TON	9/16" Plate Weight 24.02 LB/SF Connection And Stiffener Plates	6,389.79	
05 12 23 00-0109	TON	5/8" Plate Weight 26.58 LB/SF Connection And Stiffener Plates	6,389.79	
05 12 23 00-0110	TON	3/4" Plate Weight 31.68 LB/SF Connection And Stiffener Plates	5,990.43	
05 12 23 00-0111	TON	7/8" Plate Weight 36.78 LB/SF Connection And Stiffener Plates	5,990.43	
05 12 23 00-0112	TON	1" Plate Weight 41.89 LB/SF Connection And Stiffener Plates	5,990.43	

05 12 23 00-0113 Spot Welding *(05 12 23 00-0098)*

See CSI section 05 12 23 00-0116 for a series of welds.

05 12 23 00-0114	EA	Up To 15 Spot Weldings, Welds Up To 1" Length Each	9.67	
		For Aluminum Welding, Add	*1.47*	
		For Stainless Steel Welding, Add	*2.44*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0115	EA	>15 Spot Weldings, Welds Up To 1" Length Each	7.78	
		For Aluminum Welding, Add	*1.34*	
		For Stainless Steel Welding, Add	*2.16*	

05 12 23 00-0116 Field Welding (Seam And Stitch Welding) *(05 12 23 00-0098)*

05 12 23 00-0117 Vertical Fillet Welds *(05 12 23 00-0116)*

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

05 12 23 00-0118	LF	3/16" Vertical Fillet Weld	10.08	
		For Aluminum Welding, Add	*1.66*	
		For Stainless Steel Welding, Add	*2.70*	
		For Up To 25, Add	*3.47*	
		For >25 To 50, Add	*2.47*	
05 12 23 00-0119	LF	1/4" Vertical Fillet Weld	15.12	
		For Aluminum Welding, Add	*2.48*	
		For Stainless Steel Welding, Add	*4.05*	
		For Up To 25, Add	*5.20*	
		For >25 To 50, Add	*3.71*	
05 12 23 00-0120	LF	5/16" Vertical Fillet Weld	20.16	
		For Aluminum Welding, Add	*3.32*	
		For Stainless Steel Welding, Add	*5.41*	
		For Up To 25, Add	*6.93*	
		For >25 To 50, Add	*4.94*	
05 12 23 00-0121	LF	3/8" Vertical Fillet Weld	25.21	
		For Aluminum Welding, Add	*4.14*	
		For Stainless Steel Welding, Add	*6.75*	
		For Up To 25, Add	*8.67*	
		For >25 To 50, Add	*6.18*	
05 12 23 00-0122	LF	7/16" Vertical Fillet Weld	30.01	
		For Aluminum Welding, Add	*4.79*	
		For Stainless Steel Welding, Add	*7.86*	
		For Up To 25, Add	*10.38*	
		For >25 To 50, Add	*7.41*	
05 12 23 00-0123	LF	1/2" Vertical Fillet Weld	34.91	
		For Aluminum Welding, Add	*5.74*	
		For Stainless Steel Welding, Add	*9.36*	
		For Up To 25, Add	*12.01*	
		For >25 To 50, Add	*8.56*	
05 12 23 00-0124	LF	9/16" Vertical Fillet Weld	41.02	
		For Aluminum Welding, Add	*6.60*	
		For Stainless Steel Welding, Add	*10.82*	
		For Up To 25, Add	*14.17*	
		For >25 To 50, Add	*10.11*	
05 12 23 00-0125	LF	5/8" Vertical Fillet Weld	45.19	
		For Aluminum Welding, Add	*7.31*	
		For Stainless Steel Welding, Add	*11.97*	
		For Up To 25, Add	*15.59*	
		For >25 To 50, Add	*11.12*	
05 12 23 00-0126	LF	3/4" Vertical Fillet Weld	62.04	
		For Aluminum Welding, Add	*10.22*	
		For Stainless Steel Welding, Add	*16.66*	
		For Up To 25, Add	*21.33*	
		For >25 To 50, Add	*15.20*	
05 12 23 00-0127	LF	7/8" Vertical Fillet Weld	81.94	
		For Aluminum Welding, Add	*13.31*	
		For Stainless Steel Welding, Add	*21.76*	
		For Up To 25, Add	*28.25*	
		For >25 To 50, Add	*20.15*	
05 12 23 00-0128	LF	1" Vertical Fillet Weld	113.59	
		For Aluminum Welding, Add	*18.75*	
		For Stainless Steel Welding, Add	*30.54*	
		For Up To 25, Add	*39.04*	
		For >25 To 50, Add	*27.83*	

05 12 23 00-0129 Horizontal Or Flat Fillet Welds *(05 12 23 00-0116)*

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

05 12 23 00-0130	LF	1/8" Horizontal Or Flat Fillet Weld	5.73	
		For Aluminum Welding, Add	*0.97*	
		For Stainless Steel Welding, Add	*1.58*	
		For Up To 25, Add	*1.96*	
		For >25 To 50, Add	*1.39*	
05 12 23 00-0131	LF	3/16" Horizontal Or Flat Fillet Weld	7.63	
		For Aluminum Welding, Add	*1.29*	
		For Stainless Steel Welding, Add	*2.10*	
		For Up To 25, Add	*2.61*	
		For >25 To 50, Add	*1.86*	
05 12 23 00-0132	LF	1/4" Horizontal Or Flat Fillet Weld	11.45	
		For Aluminum Welding, Add	*1.95*	
		For Stainless Steel Welding, Add	*3.15*	
		For Up To 25, Add	*3.91*	
		For >25 To 50, Add	*2.79*	
05 12 23 00-0133	LF	5/16" Horizontal Or Flat Fillet Weld	15.27	
		For Aluminum Welding, Add	*2.60*	
		For Stainless Steel Welding, Add	*4.20*	
		For Up To 25, Add	*5.22*	
		For >25 To 50, Add	*3.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0134	LF	3/8" Horizontal Or Flat Fillet Weld	19.08	
		For Aluminum Welding, Add	*3.24*	
		For Stainless Steel Welding, Add	*5.24*	
		For Up To 25, Add	*6.52*	
		For >25 To 50, Add	*4.64*	
05 12 23 00-0135	LF	7/16" Horizontal Or Flat Fillet Weld	22.09	
		For Aluminum Welding, Add	*3.61*	
		For Stainless Steel Welding, Add	*5.90*	
		For Up To 25, Add	*7.61*	
		For >25 To 50, Add	*5.42*	
05 12 23 00-0136	LF	1/2" Horizontal Or Flat Fillet Weld	26.93	
		For Aluminum Welding, Add	*4.57*	
		For Stainless Steel Welding, Add	*7.39*	
		For Up To 25, Add	*9.21*	
		For >25 To 50, Add	*6.56*	
05 12 23 00-0137	LF	9/16" Horizontal Or Flat Fillet Weld	30.33	
		For Aluminum Welding, Add	*5.03*	
		For Stainless Steel Welding, Add	*8.18*	
		For Up To 25, Add	*10.42*	
		For >25 To 50, Add	*7.42*	
05 12 23 00-0138	LF	5/8" Horizontal Or Flat Fillet Weld	36.41	
		For Aluminum Welding, Add	*6.09*	
		For Stainless Steel Welding, Add	*9.88*	
		For Up To 25, Add	*12.48*	
		For >25 To 50, Add	*8.89*	
05 12 23 00-0139	LF	3/4" Horizontal Or Flat Fillet Weld	45.90	
		For Aluminum Welding, Add	*7.85*	
		For Stainless Steel Welding, Add	*12.68*	
		For Up To 25, Add	*15.67*	
		For >25 To 50, Add	*11.16*	
05 12 23 00-0140	LF	7/8" Horizontal Or Flat Fillet Weld	69.52	
		For Aluminum Welding, Add	*11.38*	
		For Stainless Steel Welding, Add	*18.57*	
		For Up To 25, Add	*23.93*	
		For >25 To 50, Add	*17.06*	
05 12 23 00-0141	LF	1" Horizontal Or Flat Fillet Weld	91.58	
		For Aluminum Welding, Add	*15.53*	
		For Stainless Steel Welding, Add	*25.14*	
		For Up To 25, Add	*31.31*	
		For >25 To 50, Add	*22.30*	

05 12 23 00-0142 Cold Galvanizing *(05 12 23 00-0098)*

05 12 23 00-0143	SF	Cold Galvanizing, Brush	0.84	

05 12 23 00-0144 Metal Grinding *(05 12 23 00-0098)*

Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.

05 12 23 00-0145	SI	Metal Grinding Up To 1/32" Thickness To Be Removed Note: Includes rust or scale removal on metal and smoothing surface after torch cutting.	0.71	

05 12 23 00-0146 Structural Steel For Buildings And Structures *(05 12 23)*

05 12 23 00-0147 First Tier A36 Structural Steel Columns *(05 12 23 00-0146)*

Note: With base plate. Includes material delivery and erection.

05 12 23 00-0148	LF	W14 x 500 A36 Structural Column	699.86	48.70
		For High Strength Low Alloy A572-50 Steel, Add	*62.99*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*139.97*	
05 12 23 00-0149	LF	W14 x 426 A36 Structural Column	549.99	42.51
		For High Strength Low Alloy A572-50 Steel, Add	*49.50*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*110.00*	
05 12 23 00-0150	LF	W14 x 342 A36 Structural Column	445.39	36.81
		For High Strength Low Alloy A572-50 Steel, Add	*40.09*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*89.08*	
05 12 23 00-0151	LF	W14 x 311 A36 Structural Column	401.50	34.37
		For High Strength Low Alloy A572-50 Steel, Add	*36.14*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*80.30*	
05 12 23 00-0152	LF	W14 x 283 A36 Structural Column	364.74	32.41
		For High Strength Low Alloy A572-50 Steel, Add	*32.83*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*72.95*	
05 12 23 00-0153	LF	W14 x 257 A36 Structural Column	321.19	30.72
		For High Strength Low Alloy A572-50 Steel, Add	*28.91*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*64.24*	
05 12 23 00-0154	LF	W14 x 233 A36 Structural Column	295.67	28.56
		For High Strength Low Alloy A572-50 Steel, Add	*26.61*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*59.13*	
05 12 23 00-0155	LF	W14 x 211 A36 Structural Column	263.32	26.59
		For High Strength Low Alloy A572-50 Steel, Add	*23.70*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*52.66*	
05 12 23 00-0156	LF	W14 x 193 A36 Structural Column	238.50	25.28
		For High Strength Low Alloy A572-50 Steel, Add	*21.47*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*47.70*	
05 12 23 00-0157	LF	W14 x 176 A36 Structural Column	215.32	24.16
		For High Strength Low Alloy A572-50 Steel, Add	*19.38*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*43.06*	
05 12 23 00-0158	LF	W14 x 159 A36 Structural Column	195.07	23.31
		For High Strength Low Alloy A572-50 Steel, Add	*17.56*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*39.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0159	LF	W14 x 145 A36 Structural Column	188.54	22.57
		For High Strength Low Alloy A572-50 Steel, Add	*16.97*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*37.71*	
05 12 23 00-0160	LF	W14 x 132 A36 Structural Column	161.83	21.54
		For High Strength Low Alloy A572-50 Steel, Add	*14.56*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*32.37*	
05 12 23 00-0161	LF	W14 x 120 A36 Structural Column	151.96	20.97
		For High Strength Low Alloy A572-50 Steel, Add	*13.68*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*30.39*	
05 12 23 00-0162	LF	W14 x 109 A36 Structural Column	136.41	20.13
		For High Strength Low Alloy A572-50 Steel, Add	*12.28*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*27.28*	
05 12 23 00-0163	LF	W14 x 99 A36 Structural Column	124.79	19.57
		For High Strength Low Alloy A572-50 Steel, Add	*11.23*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.96*	
05 12 23 00-0164	LF	W14 x 90 A36 Structural Column	116.18	19.10
		For High Strength Low Alloy A572-50 Steel, Add	*10.46*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*23.24*	
05 12 23 00-0165	LF	W14 x 82 A36 Structural Column	107.29	18.54
		For High Strength Low Alloy A572-50 Steel, Add	*9.66*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*21.46*	
05 12 23 00-0166	LF	W14 x 74 A36 Structural Column	97.22	18.08
		For High Strength Low Alloy A572-50 Steel, Add	*8.75*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.44*	
05 12 23 00-0167	LF	W14 x 68 A36 Structural Column	91.06	17.79
		For High Strength Low Alloy A572-50 Steel, Add	*8.20*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*18.21*	
05 12 23 00-0168	LF	W14 x 61 A36 Structural Column	83.34	17.32
		For High Strength Low Alloy A572-50 Steel, Add	*7.50*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*16.67*	
05 12 23 00-0169	LF	W14 x 53 A36 Structural Column	76.20	16.86
		For High Strength Low Alloy A572-50 Steel, Add	*6.86*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.24*	
05 12 23 00-0170	LF	W14 x 48 A36 Structural Column	71.61	16.57
		For High Strength Low Alloy A572-50 Steel, Add	*6.44*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.32*	
05 12 23 00-0171	LF	W14 x 43 A36 Structural Column	64.97	16.29
		For High Strength Low Alloy A572-50 Steel, Add	*5.85*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.99*	
05 12 23 00-0172	LF	W12 x 190 A36 Structural Column	250.91	25.85
		For High Strength Low Alloy A572-50 Steel, Add	*22.58*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*50.18*	
05 12 23 00-0173	LF	W12 x 170 A36 Structural Column	237.23	25.10
		For High Strength Low Alloy A572-50 Steel, Add	*21.35*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*47.45*	
05 12 23 00-0174	LF	W12 x 152 A36 Structural Column	204.97	23.31
		For High Strength Low Alloy A572-50 Steel, Add	*18.45*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*40.99*	
05 12 23 00-0175	LF	W12 x 136 A36 Structural Column	195.00	22.66
		For High Strength Low Alloy A572-50 Steel, Add	*17.55*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*39.00*	
05 12 23 00-0176	LF	W12 x 120 A36 Structural Column	148.63	20.79
		For High Strength Low Alloy A572-50 Steel, Add	*13.38*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*29.73*	
05 12 23 00-0177	LF	W12 x 106 A36 Structural Column	137.20	20.13
		For High Strength Low Alloy A572-50 Steel, Add	*12.35*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*27.44*	
05 12 23 00-0178	LF	W12 x 96 A36 Structural Column	123.13	19.48
		For High Strength Low Alloy A572-50 Steel, Add	*11.08*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.63*	
05 12 23 00-0179	LF	W12 x 87 A36 Structural Column	113.84	18.83
		For High Strength Low Alloy A572-50 Steel, Add	*10.25*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*22.77*	
05 12 23 00-0180	LF	W12 x 79 A36 Structural Column	100.34	18.26
		For High Strength Low Alloy A572-50 Steel, Add	*9.03*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*20.07*	
05 12 23 00-0181	LF	W12 x 72 A36 Structural Column	92.13	17.79
		For High Strength Low Alloy A572-50 Steel, Add	*8.29*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*18.43*	
05 12 23 00-0182	LF	W12 x 65 A36 Structural Column	84.51	17.42
		For High Strength Low Alloy A572-50 Steel, Add	*7.61*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*16.90*	
05 12 23 00-0183	LF	W12 x 58 A36 Structural Column	81.87	17.23
		For High Strength Low Alloy A572-50 Steel, Add	*7.37*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*16.37*	
05 12 23 00-0184	LF	W12 x 53 A36 Structural Column	76.20	16.86
		For High Strength Low Alloy A572-50 Steel, Add	*6.86*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.24*	
05 12 23 00-0185	LF	W12 x 50 A36 Structural Column	73.96	16.76
		For High Strength Low Alloy A572-50 Steel, Add	*6.66*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.79*	
05 12 23 00-0186	LF	W12 x 45 A36 Structural Column	67.50	16.39
		For High Strength Low Alloy A572-50 Steel, Add	*6.08*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.50*	
05 12 23 00-0187	LF	W12 x 40 A36 Structural Column	60.86	16.02
		For High Strength Low Alloy A572-50 Steel, Add	*5.48*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.17*	
05 12 23 00-0188	LF	W10 x 112 A36 Structural Column	143.36	20.50
		For High Strength Low Alloy A572-50 Steel, Add	*12.90*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*28.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0189	LF	W10 x 110 A36 Structural Column	129.96	19.67
		For High Strength Low Alloy A572-50 Steel, Add	*11.70*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.99*	
05 12 23 00-0190	LF	W10 x 88 A36 Structural Column	117.17	19.01
		For High Strength Low Alloy A572-50 Steel, Add	*10.55*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*23.43*	
05 12 23 00-0191	LF	W10 x 77 A36 Structural Column	104.56	18.26
		For High Strength Low Alloy A572-50 Steel, Add	*9.41*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*20.91*	
05 12 23 00-0192	LF	W10 x 68 A36 Structural Column	94.49	17.79
		For High Strength Low Alloy A572-50 Steel, Add	*8.50*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*18.90*	
05 12 23 00-0193	LF	W10 x 60 A36 Structural Column	83.34	17.32
		For High Strength Low Alloy A572-50 Steel, Add	*7.50*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*16.67*	
05 12 23 00-0194	LF	W10 x 54 A36 Structural Column	82.76	17.04
		For High Strength Low Alloy A572-50 Steel, Add	*7.45*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*16.55*	
05 12 23 00-0195	LF	W10 x 49 A36 Structural Column	73.07	16.76
		For High Strength Low Alloy A572-50 Steel, Add	*6.58*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.61*	
05 12 23 00-0196	LF	W10 x 45 A36 Structural Column	70.64	16.49
		For High Strength Low Alloy A572-50 Steel, Add	*6.36*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.13*	
05 12 23 00-0197	LF	W10 x 39 A36 Structural Column	61.93	16.20
		For High Strength Low Alloy A572-50 Steel, Add	*5.57*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.39*	
05 12 23 00-0198	LF	W10 x 33 A36 Structural Column	54.40	15.73
		For High Strength Low Alloy A572-50 Steel, Add	*4.90*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.88*	
05 12 23 00-0199	LF	W8 x 67 A36 Structural Column	91.16	17.79
		For High Strength Low Alloy A572-50 Steel, Add	*8.20*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*18.23*	
05 12 23 00-0200	LF	W8 x 58 A36 Structural Column	82.17	17.23
		For High Strength Low Alloy A572-50 Steel, Add	*7.40*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*16.43*	
05 12 23 00-0201	LF	W8 x 48 A36 Structural Column	73.86	16.76
		For High Strength Low Alloy A572-50 Steel, Add	*6.65*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.77*	
05 12 23 00-0202	LF	W8 x 40 A36 Structural Column	63.89	16.29
		For High Strength Low Alloy A572-50 Steel, Add	*5.75*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.78*	
05 12 23 00-0203	LF	W8 x 35 A36 Structural Column	58.02	15.92
		For High Strength Low Alloy A572-50 Steel, Add	*5.22*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.60*	
05 12 23 00-0204	LF	W8 x 31 A36 Structural Column	53.32	15.73
		For High Strength Low Alloy A572-50 Steel, Add	*4.80*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.66*	
05 12 23 00-0205	LF	W8 x 28 A36 Structural Column	50.39	15.55
		For High Strength Low Alloy A572-50 Steel, Add	*4.54*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.08*	
05 12 23 00-0206	LF	W8 x 24 A36 Structural Column	46.87	15.35
		For High Strength Low Alloy A572-50 Steel, Add	*4.22*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.37*	
05 12 23 00-0207	LF	W8 x 21 A36 Structural Column	44.53	15.27
		For High Strength Low Alloy A572-50 Steel, Add	*4.01*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.91*	
05 12 23 00-0208	LF	W8 x 18 A36 Structural Column	40.13	14.98
		For High Strength Low Alloy A572-50 Steel, Add	*3.61*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.03*	
05 12 23 00-0209	LF	W6 x 25 A36 Structural Column	49.03	15.35
		For High Strength Low Alloy A572-50 Steel, Add	*4.41*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.81*	
05 12 23 00-0210	LF	W6 x 20 A36 Structural Column	41.99	15.08
		For High Strength Low Alloy A572-50 Steel, Add	*3.78*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.40*	
05 12 23 00-0211	LF	W6 x 15 A36 Structural Column	36.42	14.61
		For High Strength Low Alloy A572-50 Steel, Add	*3.28*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*7.28*	
05 12 23 00-0212	LF	W6 x 12 A36 Structural Column	34.36	14.61
		For High Strength Low Alloy A572-50 Steel, Add	*3.09*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*6.87*	
05 12 23 00-0213	LF	W6 x 9 A36 Structural Column	31.72	14.52
		For High Strength Low Alloy A572-50 Steel, Add	*2.85*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*6.34*	
05 12 23 00-0214	LF	W5 x 19 A36 Structural Column	41.40	15.08
		For High Strength Low Alloy A572-50 Steel, Add	*3.73*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.28*	
05 12 23 00-0215	LF	W5 x 16 A36 Structural Column	38.37	14.98
		For High Strength Low Alloy A572-50 Steel, Add	*3.45*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*7.67*	
05 12 23 00-0216	LF	W4 x 13 A36 Structural Column	36.13	14.80
		For High Strength Low Alloy A572-50 Steel, Add	*3.25*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*7.23*	
05 12 23 00-0217	LF	M6 x 20 A36 Structural Column	27.59	15.08
		For High Strength Low Alloy A572-50 Steel, Add	*2.48*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*5.52*	
05 12 23 00-0218	LF	M5 x 18.9 A36 Structural Column	44.71	15.08
		For High Strength Low Alloy A572-50 Steel, Add	*4.02*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0219	LF	M5 x 13 A36 Structural Column	37.30	14.80
		For High Strength Low Alloy A572-50 Steel, Add	*3.36*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*7.46*	
05 12 23 00-0220	LF	S5 x 17.25 A36 Structural Column	40.69	14.98
		For High Strength Low Alloy A572-50 Steel, Add	*3.66*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.14*	
05 12 23 00-0221	LF	S5 x 14.75 A36 Structural Column	38.10	14.89
		For High Strength Low Alloy A572-50 Steel, Add	*3.43*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*7.62*	
05 12 23 00-0222	LF	S5 x 12.5 A36 Structural Column	35.96	14.61
		For High Strength Low Alloy A572-50 Steel, Add	*3.24*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*7.19*	
05 12 23 00-0223	LF	S5 x 10 A36 Structural Column	32.84	14.52
		For High Strength Low Alloy A572-50 Steel, Add	*2.96*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*6.57*	
05 12 23 00-0224	LF	S4 x 9.5 A36 Structural Column	32.03	14.52
		For High Strength Low Alloy A572-50 Steel, Add	*2.88*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*6.41*	
05 12 23 00-0225	LF	S4 x 7.7 A36 Structural Column	30.15	14.52
		For High Strength Low Alloy A572-50 Steel, Add	*2.71*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*6.03*	
05 12 23 00-0226	LF	S3 x 7.5 A36 Structural Column	29.97	14.52
		For High Strength Low Alloy A572-50 Steel, Add	*2.70*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*5.99*	
05 12 23 00-0227	LF	S3 x 5.7 A36 Structural Column	27.74	14.42
		For High Strength Low Alloy A572-50 Steel, Add	*2.50*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*5.55*	

05 12 23 00-0228 A36 Structural Steel Beams And Girders *(05 12 23 00-0146)*

Note: Includes material delivery and erection.

05 12 23 00-0229	LF	W36 x 280 A36 Structural Beam Or Girder	309.87	70.24
		For High Strength Low Alloy A572-50 Steel, Add	*27.89*	
		For High Strength Low Alloy A588 Steel, Add	*61.97*	
		For Each Additional Top Copes >2, Add	*2.35*	
		For Structural Tees, WT, MT Or ST, Deduct	*-97.22*	
		For Skewed Or Sloped Connections, Add	*37.18*	
05 12 23 00-0230	LF	W36 x 260 A36 Structural Beam Or Girder	294.32	69.40
		For High Strength Low Alloy A572-50 Steel, Add	*26.49*	
		For High Strength Low Alloy A588 Steel, Add	*58.86*	
		For Each Additional Top Copes >2, Add	*2.20*	
		For Structural Tees, WT, MT Or ST, Deduct	*-91.92*	
		For Skewed Or Sloped Connections, Add	*35.32*	
05 12 23 00-0231	LF	W36 x 210 A36 Structural Beam Or Girder	254.73	67.14
		For High Strength Low Alloy A572-50 Steel, Add	*22.93*	
		For High Strength Low Alloy A588 Steel, Add	*50.95*	
		For Each Additional Top Copes >2, Add	*1.83*	
		For Structural Tees, WT, MT Or ST, Deduct	*-78.41*	
		For Skewed Or Sloped Connections, Add	*30.57*	
05 12 23 00-0232	LF	W36 x 160 A36 Structural Beam Or Girder	215.15	64.99
		For High Strength Low Alloy A572-50 Steel, Add	*19.36*	
		For High Strength Low Alloy A588 Steel, Add	*43.03*	
		For Each Additional Top Copes >2, Add	*1.46*	
		For Structural Tees, WT, MT Or ST, Deduct	*-64.91*	
		For Skewed Or Sloped Connections, Add	*25.82*	
05 12 23 00-0233	LF	W36 x 150 A36 Structural Beam Or Girder	207.03	64.52
		For High Strength Low Alloy A572-50 Steel, Add	*18.63*	
		For High Strength Low Alloy A588 Steel, Add	*41.41*	
		For Each Additional Top Copes >2, Add	*1.38*	
		For Structural Tees, WT, MT Or ST, Deduct	*-62.14*	
		For Skewed Or Sloped Connections, Add	*24.84*	
05 12 23 00-0234	LF	W36 x 135 A36 Structural Beam Or Girder	195.70	63.96
		For High Strength Low Alloy A572-50 Steel, Add	*17.61*	
		For High Strength Low Alloy A588 Steel, Add	*39.14*	
		For Each Additional Top Copes >2, Add	*1.28*	
		For Structural Tees, WT, MT Or ST, Deduct	*-58.27*	
		For Skewed Or Sloped Connections, Add	*23.48*	
05 12 23 00-0235	LF	W33 x 201 A36 Structural Beam Or Girder	247.21	66.68
		For High Strength Low Alloy A572-50 Steel, Add	*22.25*	
		For High Strength Low Alloy A588 Steel, Add	*49.44*	
		For Each Additional Top Copes >2, Add	*1.76*	
		For Structural Tees, WT, MT Or ST, Deduct	*-75.85*	
		For Skewed Or Sloped Connections, Add	*29.67*	
05 12 23 00-0236	LF	W33 x 170 A36 Structural Beam Or Girder	223.85	65.46
		For High Strength Low Alloy A572-50 Steel, Add	*20.15*	
		For High Strength Low Alloy A588 Steel, Add	*44.77*	
		For Each Additional Top Copes >2, Add	*1.54*	
		For Structural Tees, WT, MT Or ST, Deduct	*-67.88*	
		For Skewed Or Sloped Connections, Add	*26.86*	
05 12 23 00-0237	LF	W33 x 141 A36 Structural Beam Or Girder	200.58	64.15
		For High Strength Low Alloy A572-50 Steel, Add	*18.05*	
		For High Strength Low Alloy A588 Steel, Add	*40.12*	
		For Each Additional Top Copes >2, Add	*1.32*	
		For Structural Tees, WT, MT Or ST, Deduct	*-59.94*	
		For Skewed Or Sloped Connections, Add	*24.07*	
05 12 23 00-0238	LF	W33 x 130 A36 Structural Beam Or Girder	191.40	63.68
		For High Strength Low Alloy A572-50 Steel, Add	*17.23*	
		For High Strength Low Alloy A588 Steel, Add	*38.28*	
		For Each Additional Top Copes >2, Add	*1.24*	
		For Structural Tees, WT, MT Or ST, Deduct	*-56.81*	
		For Skewed Or Sloped Connections, Add	*22.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0239	LF	W33 x 118 A36 Structural Beam Or Girder	180.74	63.11
		For High Strength Low Alloy A572-50 Steel, Add	*16.27*	
		For High Strength Low Alloy A588 Steel, Add	*36.15*	
		For Each Additional Top Copes >2, Add	*1.13*	
		For Structural Tees, WT, MT Or ST, Deduct	*-53.16*	
		For Skewed Or Sloped Connections, Add	*21.69*	
05 12 23 00-0240	LF	W30 x 191 A36 Structural Beam Or Girder	237.13	66.21
		For High Strength Low Alloy A572-50 Steel, Add	*21.34*	
		For High Strength Low Alloy A588 Steel, Add	*47.43*	
		For Each Additional Top Copes >2, Add	*1.66*	
		For Structural Tees, WT, MT Or ST, Deduct	*-72.39*	
		For Skewed Or Sloped Connections, Add	*28.46*	
05 12 23 00-0241	LF	W30 x 154 A36 Structural Beam Or Girder	207.22	64.62
		For High Strength Low Alloy A572-50 Steel, Add	*18.65*	
		For High Strength Low Alloy A588 Steel, Add	*41.44*	
		For Each Additional Top Copes >2, Add	*1.38*	
		For Structural Tees, WT, MT Or ST, Deduct	*-62.19*	
		For Skewed Or Sloped Connections, Add	*24.87*	
05 12 23 00-0242	LF	W30 x 116 A36 Structural Beam Or Girder	177.41	63.03
		For High Strength Low Alloy A572-50 Steel, Add	*15.97*	
		For High Strength Low Alloy A588 Steel, Add	*35.48*	
		For Each Additional Top Copes >2, Add	*1.10*	
		For Structural Tees, WT, MT Or ST, Deduct	*-52.01*	
		For Skewed Or Sloped Connections, Add	*21.29*	
05 12 23 00-0243	LF	W30 x 108 A36 Structural Beam Or Girder	163.61	56.75
		For High Strength Low Alloy A572-50 Steel, Add	*14.72*	
		For High Strength Low Alloy A588 Steel, Add	*32.72*	
		For Each Additional Top Copes >2, Add	*1.03*	
		For Structural Tees, WT, MT Or ST, Deduct	*-48.19*	
		For Skewed Or Sloped Connections, Add	*19.63*	
05 12 23 00-0244	LF	W30 x 99 A36 Structural Beam Or Girder	157.06	56.47
		For High Strength Low Alloy A572-50 Steel, Add	*14.14*	
		For High Strength Low Alloy A588 Steel, Add	*31.41*	
		For Each Additional Top Copes >2, Add	*0.97*	
		For Structural Tees, WT, MT Or ST, Deduct	*-45.95*	
		For Skewed Or Sloped Connections, Add	*18.85*	
05 12 23 00-0245	LF	W27 x 102 A36 Structural Beam Or Girder	157.75	56.47
		For High Strength Low Alloy A572-50 Steel, Add	*14.20*	
		For High Strength Low Alloy A588 Steel, Add	*31.55*	
		For Each Additional Top Copes >2, Add	*0.98*	
		For Structural Tees, WT, MT Or ST, Deduct	*-46.18*	
		For Skewed Or Sloped Connections, Add	*18.93*	
05 12 23 00-0246	LF	W27 x 94 A36 Structural Beam Or Girder	151.58	56.09
		For High Strength Low Alloy A572-50 Steel, Add	*13.64*	
		For High Strength Low Alloy A588 Steel, Add	*30.32*	
		For Each Additional Top Copes >2, Add	*0.92*	
		For Structural Tees, WT, MT Or ST, Deduct	*-44.08*	
		For Skewed Or Sloped Connections, Add	*18.19*	
05 12 23 00-0247	LF	W27 x 84 A36 Structural Beam Or Girder	144.06	55.72
		For High Strength Low Alloy A572-50 Steel, Add	*12.97*	
		For High Strength Low Alloy A588 Steel, Add	*28.81*	
		For Each Additional Top Copes >2, Add	*0.85*	
		For Structural Tees, WT, MT Or ST, Deduct	*-41.52*	
		For Skewed Or Sloped Connections, Add	*17.29*	
05 12 23 00-0248	LF	W24 x 94 A36 Structural Beam Or Girder	146.00	56.09
		For High Strength Low Alloy A572-50 Steel, Add	*13.14*	
		For High Strength Low Alloy A588 Steel, Add	*29.20*	
		For Each Additional Top Copes >2, Add	*0.86*	
		For Structural Tees, WT, MT Or ST, Deduct	*-42.12*	
		For Skewed Or Sloped Connections, Add	*17.52*	
05 12 23 00-0249	LF	W24 x 84 A36 Structural Beam Or Girder	132.69	49.73
		For High Strength Low Alloy A572-50 Steel, Add	*11.94*	
		For High Strength Low Alloy A588 Steel, Add	*26.54*	
		For Each Additional Top Copes >2, Add	*0.80*	
		For Structural Tees, WT, MT Or ST, Deduct	*-38.48*	
		For Skewed Or Sloped Connections, Add	*15.92*	
05 12 23 00-0250	LF	W24 x 76 A36 Structural Beam Or Girder	126.92	49.35
		For High Strength Low Alloy A572-50 Steel, Add	*11.42*	
		For High Strength Low Alloy A588 Steel, Add	*25.38*	
		For Each Additional Top Copes >2, Add	*0.74*	
		For Structural Tees, WT, MT Or ST, Deduct	*-36.51*	
		For Skewed Or Sloped Connections, Add	*15.23*	
05 12 23 00-0251	LF	W24 x 68 A36 Structural Beam Or Girder	119.69	49.07
		For High Strength Low Alloy A572-50 Steel, Add	*10.77*	
		For High Strength Low Alloy A588 Steel, Add	*23.94*	
		For Each Additional Top Copes >2, Add	*0.67*	
		For Structural Tees, WT, MT Or ST, Deduct	*-34.04*	
		For Skewed Or Sloped Connections, Add	*14.36*	
05 12 23 00-0252	LF	W24 x 62 A36 Structural Beam Or Girder	115.88	48.79
		For High Strength Low Alloy A572-50 Steel, Add	*10.43*	
		For High Strength Low Alloy A588 Steel, Add	*23.18*	
		For Each Additional Top Copes >2, Add	*0.64*	
		For Structural Tees, WT, MT Or ST, Deduct	*-32.75*	
		For Skewed Or Sloped Connections, Add	*13.91*	
05 12 23 00-0253	LF	W24 x 55 A36 Structural Beam Or Girder	110.70	48.60
		For High Strength Low Alloy A572-50 Steel, Add	*9.96*	
		For High Strength Low Alloy A588 Steel, Add	*22.14*	
		For Each Additional Top Copes >2, Add	*0.59*	
		For Structural Tees, WT, MT Or ST, Deduct	*-30.98*	
		For Skewed Or Sloped Connections, Add	*13.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0254	LF	W21 x 93 A36 Structural Beam Or Girder	137.37	50.29
		For High Strength Low Alloy A572-50 Steel, Add	*12.36*	
		For High Strength Low Alloy A588 Steel, Add	*27.47*	
		For Each Additional Top Copes >2, Add	*0.84*	
		For Structural Tees, WT, MT Or ST, Deduct	*-40.03*	
		For Skewed Or Sloped Connections, Add	*16.48*	
05 12 23 00-0255	LF	W21 x 83 A36 Structural Beam Or Girder	130.53	49.73
		For High Strength Low Alloy A572-50 Steel, Add	*11.75*	
		For High Strength Low Alloy A588 Steel, Add	*26.11*	
		For Each Additional Top Copes >2, Add	*0.77*	
		For Structural Tees, WT, MT Or ST, Deduct	*-37.72*	
		For Skewed Or Sloped Connections, Add	*15.66*	
05 12 23 00-0256	LF	W21 x 73 A36 Structural Beam Or Girder	122.22	49.35
		For High Strength Low Alloy A572-50 Steel, Add	*11.00*	
		For High Strength Low Alloy A588 Steel, Add	*24.44*	
		For Each Additional Top Copes >2, Add	*0.70*	
		For Structural Tees, WT, MT Or ST, Deduct	*-34.88*	
		For Skewed Or Sloped Connections, Add	*14.67*	
05 12 23 00-0257	LF	W21 x 68 A36 Structural Beam Or Girder	118.02	49.07
		For High Strength Low Alloy A572-50 Steel, Add	*10.62*	
		For High Strength Low Alloy A588 Steel, Add	*23.60*	
		For Each Additional Top Copes >2, Add	*0.66*	
		For Structural Tees, WT, MT Or ST, Deduct	*-33.45*	
		For Skewed Or Sloped Connections, Add	*14.16*	
05 12 23 00-0258	LF	W21 x 62 A36 Structural Beam Or Girder	114.21	48.79
		For High Strength Low Alloy A572-50 Steel, Add	*10.28*	
		For High Strength Low Alloy A588 Steel, Add	*22.84*	
		For Each Additional Top Copes >2, Add	*0.62*	
		For Structural Tees, WT, MT Or ST, Deduct	*-32.16*	
		For Skewed Or Sloped Connections, Add	*13.71*	
05 12 23 00-0259	LF	W21 x 57 A36 Structural Beam Or Girder	110.79	48.70
		For High Strength Low Alloy A572-50 Steel, Add	*9.97*	
		For High Strength Low Alloy A588 Steel, Add	*22.16*	
		For Each Additional Top Copes >2, Add	*0.59*	
		For Structural Tees, WT, MT Or ST, Deduct	*-30.99*	
		For Skewed Or Sloped Connections, Add	*13.29*	
05 12 23 00-0260	LF	W21 x 50 A36 Structural Beam Or Girder	97.97	42.24
		For High Strength Low Alloy A572-50 Steel, Add	*8.82*	
		For High Strength Low Alloy A588 Steel, Add	*19.59*	
		For Each Additional Top Copes >2, Add	*0.53*	
		For Structural Tees, WT, MT Or ST, Deduct	*-27.52*	
		For Skewed Or Sloped Connections, Add	*11.76*	
05 12 23 00-0261	LF	W21 x 44 A36 Structural Beam Or Girder	93.96	42.04
		For High Strength Low Alloy A572-50 Steel, Add	*8.46*	
		For High Strength Low Alloy A588 Steel, Add	*18.79*	
		For Each Additional Top Copes >2, Add	*0.49*	
		For Structural Tees, WT, MT Or ST, Deduct	*-26.16*	
		For Skewed Or Sloped Connections, Add	*11.28*	
05 12 23 00-0262	LF	W18 x 97 A36 Structural Beam Or Girder	140.10	50.29
		For High Strength Low Alloy A572-50 Steel, Add	*12.61*	
		For High Strength Low Alloy A588 Steel, Add	*28.02*	
		For Each Additional Top Copes >2, Add	*0.86*	
		For Structural Tees, WT, MT Or ST, Deduct	*-40.97*	
		For Skewed Or Sloped Connections, Add	*16.81*	
05 12 23 00-0263	LF	W18 x 86 A36 Structural Beam Or Girder	132.29	49.82
		For High Strength Low Alloy A572-50 Steel, Add	*11.91*	
		For High Strength Low Alloy A588 Steel, Add	*26.46*	
		For Each Additional Top Copes >2, Add	*0.79*	
		For Structural Tees, WT, MT Or ST, Deduct	*-38.32*	
		For Skewed Or Sloped Connections, Add	*15.87*	
05 12 23 00-0264	LF	W18 x 76 A36 Structural Beam Or Girder	125.25	49.35
		For High Strength Low Alloy A572-50 Steel, Add	*11.27*	
		For High Strength Low Alloy A588 Steel, Add	*25.05*	
		For Each Additional Top Copes >2, Add	*0.73*	
		For Structural Tees, WT, MT Or ST, Deduct	*-35.93*	
		For Skewed Or Sloped Connections, Add	*15.03*	
05 12 23 00-0265	LF	W18 x 71 A36 Structural Beam Or Girder	120.17	49.26
		For High Strength Low Alloy A572-50 Steel, Add	*10.82*	
		For High Strength Low Alloy A588 Steel, Add	*24.03*	
		For Each Additional Top Copes >2, Add	*0.68*	
		For Structural Tees, WT, MT Or ST, Deduct	*-34.18*	
		For Skewed Or Sloped Connections, Add	*14.42*	
05 12 23 00-0266	LF	W18 x 65 A36 Structural Beam Or Girder	115.19	49.07
		For High Strength Low Alloy A572-50 Steel, Add	*10.37*	
		For High Strength Low Alloy A588 Steel, Add	*23.04*	
		For Each Additional Top Copes >2, Add	*0.63*	
		For Structural Tees, WT, MT Or ST, Deduct	*-32.48*	
		For Skewed Or Sloped Connections, Add	*13.82*	
05 12 23 00-0267	LF	W18 x 60 A36 Structural Beam Or Girder	110.68	48.70
		For High Strength Low Alloy A572-50 Steel, Add	*9.96*	
		For High Strength Low Alloy A588 Steel, Add	*22.14*	
		For Each Additional Top Copes >2, Add	*0.59*	
		For Structural Tees, WT, MT Or ST, Deduct	*-30.94*	
		For Skewed Or Sloped Connections, Add	*13.28*	
05 12 23 00-0268	LF	W18 x 55 A36 Structural Beam Or Girder	106.19	48.60
		For High Strength Low Alloy A572-50 Steel, Add	*9.56*	
		For High Strength Low Alloy A588 Steel, Add	*21.24*	
		For Each Additional Top Copes >2, Add	*0.54*	
		For Structural Tees, WT, MT Or ST, Deduct	*-29.40*	
		For Skewed Or Sloped Connections, Add	*12.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0269	LF	W18 x 50 A36 Structural Beam Or Girder	95.23	42.24
		For High Strength Low Alloy A572-50 Steel, Add	*8.57*	
		For High Strength Low Alloy A588 Steel, Add	*19.05*	
		For Each Additional Top Copes >2, Add	*0.50*	
		For Structural Tees, WT, MT Or ST, Deduct	*-26.56*	
		For Skewed Or Sloped Connections, Add	*11.43*	
05 12 23 00-0270	LF	W18 x 46 A36 Structural Beam Or Girder	91.70	42.14
		For High Strength Low Alloy A572-50 Steel, Add	*8.25*	
		For High Strength Low Alloy A588 Steel, Add	*18.34*	
		For Each Additional Top Copes >2, Add	*0.47*	
		For Structural Tees, WT, MT Or ST, Deduct	*-25.35*	
		For Skewed Or Sloped Connections, Add	*11.00*	
05 12 23 00-0271	LF	W18 x 40 A36 Structural Beam Or Girder	79.96	35.96
		For High Strength Low Alloy A572-50 Steel, Add	*7.20*	
		For High Strength Low Alloy A588 Steel, Add	*15.99*	
		For Each Additional Top Copes >2, Add	*0.42*	
		For Structural Tees, WT, MT Or ST, Deduct	*-22.23*	
		For Skewed Or Sloped Connections, Add	*9.60*	
05 12 23 00-0272	LF	W18 x 35 A36 Structural Beam Or Girder	75.55	35.87
		For High Strength Low Alloy A572-50 Steel, Add	*6.80*	
		For High Strength Low Alloy A588 Steel, Add	*15.11*	
		For Each Additional Top Copes >2, Add	*0.37*	
		For Structural Tees, WT, MT Or ST, Deduct	*-20.71*	
		For Skewed Or Sloped Connections, Add	*9.07*	
05 12 23 00-0273	LF	W16 x 100 A36 Structural Beam Or Girder	127.65	32.68
		For High Strength Low Alloy A572-50 Steel, Add	*11.49*	
		For High Strength Low Alloy A588 Steel, Add	*25.53*	
		For Each Additional Top Copes >2, Add	*0.93*	
		For Structural Tees, WT, MT Or ST, Deduct	*-39.45*	
		For Skewed Or Sloped Connections, Add	*15.32*	
05 12 23 00-0274	LF	W16 x 89 A36 Structural Beam Or Girder	117.69	32.12
		For High Strength Low Alloy A572-50 Steel, Add	*10.59*	
		For High Strength Low Alloy A588 Steel, Add	*23.54*	
		For Each Additional Top Copes >2, Add	*0.83*	
		For Structural Tees, WT, MT Or ST, Deduct	*-36.05*	
		For Skewed Or Sloped Connections, Add	*14.12*	
05 12 23 00-0275	LF	W16 x 77 A36 Structural Beam Or Girder	107.03	31.74
		For High Strength Low Alloy A572-50 Steel, Add	*9.63*	
		For High Strength Low Alloy A588 Steel, Add	*21.41*	
		For Each Additional Top Copes >2, Add	*0.73*	
		For Structural Tees, WT, MT Or ST, Deduct	*-32.39*	
		For Skewed Or Sloped Connections, Add	*12.84*	
05 12 23 00-0276	LF	W16 x 67 A36 Structural Beam Or Girder	97.93	31.27
		For High Strength Low Alloy A572-50 Steel, Add	*8.81*	
		For High Strength Low Alloy A588 Steel, Add	*19.59*	
		For Each Additional Top Copes >2, Add	*0.65*	
		For Structural Tees, WT, MT Or ST, Deduct	*-29.27*	
		For Skewed Or Sloped Connections, Add	*11.75*	
05 12 23 00-0277	LF	W16 x 57 A36 Structural Beam Or Girder	88.94	30.81
		For High Strength Low Alloy A572-50 Steel, Add	*8.00*	
		For High Strength Low Alloy A588 Steel, Add	*17.79*	
		For Each Additional Top Copes >2, Add	*0.56*	
		For Structural Tees, WT, MT Or ST, Deduct	*-26.20*	
		For Skewed Or Sloped Connections, Add	*10.67*	
05 12 23 00-0278	LF	W16 x 50 A36 Structural Beam Or Girder	82.68	30.53
		For High Strength Low Alloy A572-50 Steel, Add	*7.44*	
		For High Strength Low Alloy A588 Steel, Add	*16.54*	
		For Each Additional Top Copes >2, Add	*0.50*	
		For Structural Tees, WT, MT Or ST, Deduct	*-24.05*	
		For Skewed Or Sloped Connections, Add	*9.92*	
05 12 23 00-0279	LF	W16 x 45 A36 Structural Beam Or Girder	78.28	30.34
		For High Strength Low Alloy A572-50 Steel, Add	*7.05*	
		For High Strength Low Alloy A588 Steel, Add	*15.66*	
		For Each Additional Top Copes >2, Add	*0.46*	
		For Structural Tees, WT, MT Or ST, Deduct	*-22.54*	
		For Skewed Or Sloped Connections, Add	*9.39*	
05 12 23 00-0280	LF	W16 x 40 A36 Structural Beam Or Girder	73.68	30.06
		For High Strength Low Alloy A572-50 Steel, Add	*6.63*	
		For High Strength Low Alloy A588 Steel, Add	*14.74*	
		For Each Additional Top Copes >2, Add	*0.42*	
		For Structural Tees, WT, MT Or ST, Deduct	*-20.97*	
		For Skewed Or Sloped Connections, Add	*8.84*	
05 12 23 00-0281	LF	W16 x 36 A36 Structural Beam Or Girder	70.07	29.87
		For High Strength Low Alloy A572-50 Steel, Add	*6.31*	
		For High Strength Low Alloy A588 Steel, Add	*14.01*	
		For Each Additional Top Copes >2, Add	*0.38*	
		For Structural Tees, WT, MT Or ST, Deduct	*-19.75*	
		For Skewed Or Sloped Connections, Add	*8.41*	
05 12 23 00-0282	LF	W16 x 31 A36 Structural Beam Or Girder	59.29	23.78
		For High Strength Low Alloy A572-50 Steel, Add	*5.34*	
		For High Strength Low Alloy A588 Steel, Add	*11.86*	
		For Each Additional Top Copes >2, Add	*0.34*	
		For Structural Tees, WT, MT Or ST, Deduct	*-16.94*	
		For Skewed Or Sloped Connections, Add	*7.11*	
05 12 23 00-0283	LF	W16 x 26 A36 Structural Beam Or Girder	63.33	23.51
		For High Strength Low Alloy A572-50 Steel, Add	*5.70*	
		For High Strength Low Alloy A588 Steel, Add	*12.67*	
		For Each Additional Top Copes >2, Add	*0.38*	
		For Structural Tees, WT, MT Or ST, Deduct	*-18.40*	
		For Skewed Or Sloped Connections, Add	*7.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0284	LF	W14 x 99 A36 Structural Beam Or Girder	120.50	26.79
		For High Strength Low Alloy A572-50 Steel, Add	*10.85*	
		For High Strength Low Alloy A588 Steel, Add	*24.10*	
		For Each Additional Top Copes >2, Add	*0.92*	
		For Structural Tees, WT, MT Or ST, Deduct	*-37.89*	
		For Skewed Or Sloped Connections, Add	*14.46*	
05 12 23 00-0285	LF	W14 x 90 A36 Structural Beam Or Girder	112.38	26.32
		For High Strength Low Alloy A572-50 Steel, Add	*10.11*	
		For High Strength Low Alloy A588 Steel, Add	*22.48*	
		For Each Additional Top Copes >2, Add	*0.84*	
		For Structural Tees, WT, MT Or ST, Deduct	*-35.12*	
		For Skewed Or Sloped Connections, Add	*13.49*	
05 12 23 00-0286	LF	W14 x 82 A36 Structural Beam Or Girder	105.15	26.04
		For High Strength Low Alloy A572-50 Steel, Add	*9.46*	
		For High Strength Low Alloy A588 Steel, Add	*21.03*	
		For Each Additional Top Copes >2, Add	*0.77*	
		For Structural Tees, WT, MT Or ST, Deduct	*-32.64*	
		For Skewed Or Sloped Connections, Add	*12.62*	
05 12 23 00-0287	LF	W14 x 74 A36 Structural Beam Or Girder	97.92	25.66
		For High Strength Low Alloy A572-50 Steel, Add	*8.81*	
		For High Strength Low Alloy A588 Steel, Add	*19.58*	
		For Each Additional Top Copes >2, Add	*0.71*	
		For Structural Tees, WT, MT Or ST, Deduct	*-30.17*	
		For Skewed Or Sloped Connections, Add	*11.75*	
05 12 23 00-0288	LF	W14 x 68 A36 Structural Beam Or Girder	92.53	25.38
		For High Strength Low Alloy A572-50 Steel, Add	*8.33*	
		For High Strength Low Alloy A588 Steel, Add	*18.51*	
		For Each Additional Top Copes >2, Add	*0.65*	
		For Structural Tees, WT, MT Or ST, Deduct	*-28.33*	
		For Skewed Or Sloped Connections, Add	*11.10*	
05 12 23 00-0289	LF	W14 x 61 A36 Structural Beam Or Girder	86.29	25.10
		For High Strength Low Alloy A572-50 Steel, Add	*7.77*	
		For High Strength Low Alloy A588 Steel, Add	*17.26*	
		For Each Additional Top Copes >2, Add	*0.60*	
		For Structural Tees, WT, MT Or ST, Deduct	*-26.18*	
		For Skewed Or Sloped Connections, Add	*10.35*	
05 12 23 00-0290	LF	W14 x 53 A36 Structural Beam Or Girder	79.14	24.72
		For High Strength Low Alloy A572-50 Steel, Add	*7.12*	
		For High Strength Low Alloy A588 Steel, Add	*15.83*	
		For Each Additional Top Copes >2, Add	*0.53*	
		For Structural Tees, WT, MT Or ST, Deduct	*-23.74*	
		For Skewed Or Sloped Connections, Add	*9.50*	
05 12 23 00-0291	LF	W14 x 48 A36 Structural Beam Or Girder	74.54	24.45
		For High Strength Low Alloy A572-50 Steel, Add	*6.71*	
		For High Strength Low Alloy A588 Steel, Add	*14.91*	
		For Each Additional Top Copes >2, Add	*0.48*	
		For Structural Tees, WT, MT Or ST, Deduct	*-22.17*	
		For Skewed Or Sloped Connections, Add	*8.94*	
05 12 23 00-0292	LF	W14 x 43 A36 Structural Beam Or Girder	70.05	24.35
		For High Strength Low Alloy A572-50 Steel, Add	*6.30*	
		For High Strength Low Alloy A588 Steel, Add	*14.01*	
		For Each Additional Top Copes >2, Add	*0.44*	
		For Structural Tees, WT, MT Or ST, Deduct	*-20.63*	
		For Skewed Or Sloped Connections, Add	*8.41*	
05 12 23 00-0293	LF	W14 x 38 A36 Structural Beam Or Girder	65.55	24.16
		For High Strength Low Alloy A572-50 Steel, Add	*5.90*	
		For High Strength Low Alloy A588 Steel, Add	*13.11*	
		For Each Additional Top Copes >2, Add	*0.40*	
		For Structural Tees, WT, MT Or ST, Deduct	*-19.09*	
		For Skewed Or Sloped Connections, Add	*7.87*	
05 12 23 00-0294	LF	W14 x 34 A36 Structural Beam Or Girder	61.93	23.88
		For High Strength Low Alloy A572-50 Steel, Add	*5.57*	
		For High Strength Low Alloy A588 Steel, Add	*12.39*	
		For Each Additional Top Copes >2, Add	*0.36*	
		For Structural Tees, WT, MT Or ST, Deduct	*-17.86*	
		For Skewed Or Sloped Connections, Add	*7.43*	
05 12 23 00-0295	LF	W14 x 30 A36 Structural Beam Or Girder	58.31	23.78
		For High Strength Low Alloy A572-50 Steel, Add	*5.25*	
		For High Strength Low Alloy A588 Steel, Add	*11.66*	
		For Each Additional Top Copes >2, Add	*0.33*	
		For Structural Tees, WT, MT Or ST, Deduct	*-16.62*	
		For Skewed Or Sloped Connections, Add	*7.00*	
05 12 23 00-0296	LF	W14 x 26 A36 Structural Beam Or Girder	54.70	23.51
		For High Strength Low Alloy A572-50 Steel, Add	*4.92*	
		For High Strength Low Alloy A588 Steel, Add	*10.94*	
		For Each Additional Top Copes >2, Add	*0.30*	
		For Structural Tees, WT, MT Or ST, Deduct	*-15.38*	
		For Skewed Or Sloped Connections, Add	*6.56*	
05 12 23 00-0297	LF	W14 x 22 A36 Structural Beam Or Girder	51.18	23.41
		For High Strength Low Alloy A572-50 Steel, Add	*4.61*	
		For High Strength Low Alloy A588 Steel, Add	*10.24*	
		For Each Additional Top Copes >2, Add	*0.26*	
		For Structural Tees, WT, MT Or ST, Deduct	*-14.18*	
		For Skewed Or Sloped Connections, Add	*6.14*	
05 12 23 00-0298	LF	W12 x 87 A36 Structural Beam Or Girder	109.75	26.22
		For High Strength Low Alloy A572-50 Steel, Add	*9.88*	
		For High Strength Low Alloy A588 Steel, Add	*21.95*	
		For Each Additional Top Copes >2, Add	*0.82*	
		For Structural Tees, WT, MT Or ST, Deduct	*-34.21*	
		For Skewed Or Sloped Connections, Add	*13.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0299	LF	W12 x 79 A36 Structural Beam Or Girder	102.51	25.85
		For High Strength Low Alloy A572-50 Steel, Add	*9.23*	
		For High Strength Low Alloy A588 Steel, Add	*20.50*	
		For Each Additional Top Copes >2, Add	*0.75*	
		For Structural Tees, WT, MT Or ST, Deduct	*-31.73*	
		For Skewed Or Sloped Connections, Add	*12.30*	
05 12 23 00-0300	LF	W12 x 72 A36 Structural Beam Or Girder	96.17	25.57
		For High Strength Low Alloy A572-50 Steel, Add	*8.66*	
		For High Strength Low Alloy A588 Steel, Add	*19.23*	
		For Each Additional Top Copes >2, Add	*0.69*	
		For Structural Tees, WT, MT Or ST, Deduct	*-29.57*	
		For Skewed Or Sloped Connections, Add	*11.54*	
05 12 23 00-0301	LF	W12 x 65 A36 Structural Beam Or Girder	89.90	25.28
		For High Strength Low Alloy A572-50 Steel, Add	*8.09*	
		For High Strength Low Alloy A588 Steel, Add	*17.98*	
		For Each Additional Top Copes >2, Add	*0.63*	
		For Structural Tees, WT, MT Or ST, Deduct	*-27.42*	
		For Skewed Or Sloped Connections, Add	*10.79*	
05 12 23 00-0302	LF	W12 x 58 A36 Structural Beam Or Girder	83.54	24.91
		For High Strength Low Alloy A572-50 Steel, Add	*7.52*	
		For High Strength Low Alloy A588 Steel, Add	*16.71*	
		For Each Additional Top Copes >2, Add	*0.57*	
		For Structural Tees, WT, MT Or ST, Deduct	*-25.25*	
		For Skewed Or Sloped Connections, Add	*10.02*	
05 12 23 00-0303	LF	W12 x 53 A36 Structural Beam Or Girder	79.14	24.72
		For High Strength Low Alloy A572-50 Steel, Add	*7.12*	
		For High Strength Low Alloy A588 Steel, Add	*15.83*	
		For Each Additional Top Copes >2, Add	*0.53*	
		For Structural Tees, WT, MT Or ST, Deduct	*-23.74*	
		For Skewed Or Sloped Connections, Add	*9.50*	
05 12 23 00-0304	LF	W12 x 50 A36 Structural Beam Or Girder	76.31	24.63
		For High Strength Low Alloy A572-50 Steel, Add	*6.87*	
		For High Strength Low Alloy A588 Steel, Add	*15.26*	
		For Each Additional Top Copes >2, Add	*0.50*	
		For Structural Tees, WT, MT Or ST, Deduct	*-22.78*	
		For Skewed Or Sloped Connections, Add	*9.16*	
05 12 23 00-0305	LF	W12 x 45 A36 Structural Beam Or Girder	71.91	24.45
		For High Strength Low Alloy A572-50 Steel, Add	*6.47*	
		For High Strength Low Alloy A588 Steel, Add	*14.38*	
		For Each Additional Top Copes >2, Add	*0.46*	
		For Structural Tees, WT, MT Or ST, Deduct	*-21.26*	
		For Skewed Or Sloped Connections, Add	*8.63*	
05 12 23 00-0306	LF	W12 x 40 A36 Structural Beam Or Girder	60.94	18.16
		For High Strength Low Alloy A572-50 Steel, Add	*5.48*	
		For High Strength Low Alloy A588 Steel, Add	*12.19*	
		For Each Additional Top Copes >2, Add	*0.42*	
		For Structural Tees, WT, MT Or ST, Deduct	*-18.42*	
		For Skewed Or Sloped Connections, Add	*7.31*	
05 12 23 00-0307	LF	W12 x 35 A36 Structural Beam Or Girder	56.54	18.08
		For High Strength Low Alloy A572-50 Steel, Add	*5.09*	
		For High Strength Low Alloy A588 Steel, Add	*11.31*	
		For Each Additional Top Copes >2, Add	*0.37*	
		For Structural Tees, WT, MT Or ST, Deduct	*-16.91*	
		For Skewed Or Sloped Connections, Add	*6.78*	
05 12 23 00-0308	LF	W12 x 30 A36 Structural Beam Or Girder	51.94	17.79
		For High Strength Low Alloy A572-50 Steel, Add	*4.67*	
		For High Strength Low Alloy A588 Steel, Add	*10.39*	
		For Each Additional Top Copes >2, Add	*0.33*	
		For Structural Tees, WT, MT Or ST, Deduct	*-15.34*	
		For Skewed Or Sloped Connections, Add	*6.23*	
05 12 23 00-0309	LF	W12 x 26 A36 Structural Beam Or Girder	48.33	17.61
		For High Strength Low Alloy A572-50 Steel, Add	*4.35*	
		For High Strength Low Alloy A588 Steel, Add	*9.67*	
		For Each Additional Top Copes >2, Add	*0.30*	
		For Structural Tees, WT, MT Or ST, Deduct	*-14.11*	
		For Skewed Or Sloped Connections, Add	*5.80*	
05 12 23 00-0310	LF	W12 x 22 A36 Structural Beam Or Girder	44.81	17.42
		For High Strength Low Alloy A572-50 Steel, Add	*4.03*	
		For High Strength Low Alloy A588 Steel, Add	*8.96*	
		For Each Additional Top Copes >2, Add	*0.26*	
		For Structural Tees, WT, MT Or ST, Deduct	*-12.90*	
		For Skewed Or Sloped Connections, Add	*5.38*	
05 12 23 00-0311	LF	W12 x 19 A36 Structural Beam Or Girder	42.07	17.32
		For High Strength Low Alloy A572-50 Steel, Add	*3.79*	
		For High Strength Low Alloy A588 Steel, Add	*8.41*	
		For Each Additional Top Copes >2, Add	*0.24*	
		For Structural Tees, WT, MT Or ST, Deduct	*-11.96*	
		For Skewed Or Sloped Connections, Add	*5.05*	
05 12 23 00-0312	LF	W12 x 16 A36 Structural Beam Or Girder	39.33	17.04
		For High Strength Low Alloy A572-50 Steel, Add	*3.54*	
		For High Strength Low Alloy A588 Steel, Add	*7.87*	
		For Each Additional Top Copes >2, Add	*0.21*	
		For Structural Tees, WT, MT Or ST, Deduct	*-11.03*	
		For Skewed Or Sloped Connections, Add	*4.72*	
05 12 23 00-0313	LF	W12 x 14 A36 Structural Beam Or Girder	37.57	17.04
		For High Strength Low Alloy A572-50 Steel, Add	*3.38*	
		For High Strength Low Alloy A588 Steel, Add	*7.51*	
		For Each Additional Top Copes >2, Add	*0.19*	
		For Structural Tees, WT, MT Or ST, Deduct	*-10.43*	
		For Skewed Or Sloped Connections, Add	*4.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0314	LF	W10 x 68 A36 Structural Beam Or Girder	86.46	19.57
		For High Strength Low Alloy A572-50 Steel, Add	*7.78*	
		For High Strength Low Alloy A588 Steel, Add	*17.29*	
		For Each Additional Top Copes >2, Add	*0.66*	
		For Structural Tees, WT, MT Or ST, Deduct	*-27.14*	
		For Skewed Or Sloped Connections, Add	*10.38*	
05 12 23 00-0315	LF	W10 x 60 A36 Structural Beam Or Girder	79.33	19.20
		For High Strength Low Alloy A572-50 Steel, Add	*7.14*	
		For High Strength Low Alloy A588 Steel, Add	*15.87*	
		For Each Additional Top Copes >2, Add	*0.59*	
		For Structural Tees, WT, MT Or ST, Deduct	*-24.70*	
		For Skewed Or Sloped Connections, Add	*9.52*	
05 12 23 00-0316	LF	W10 x 54 A36 Structural Beam Or Girder	73.84	18.83
		For High Strength Low Alloy A572-50 Steel, Add	*6.65*	
		For High Strength Low Alloy A588 Steel, Add	*14.77*	
		For Each Additional Top Copes >2, Add	*0.54*	
		For Structural Tees, WT, MT Or ST, Deduct	*-22.82*	
		For Skewed Or Sloped Connections, Add	*8.86*	
05 12 23 00-0317	LF	W10 x 49 A36 Structural Beam Or Girder	69.35	18.63
		For High Strength Low Alloy A572-50 Steel, Add	*6.24*	
		For High Strength Low Alloy A588 Steel, Add	*13.87*	
		For Each Additional Top Copes >2, Add	*0.50*	
		For Structural Tees, WT, MT Or ST, Deduct	*-21.30*	
		For Skewed Or Sloped Connections, Add	*8.32*	
05 12 23 00-0318	LF	W10 x 45 A36 Structural Beam Or Girder	65.74	18.54
		For High Strength Low Alloy A572-50 Steel, Add	*5.92*	
		For High Strength Low Alloy A588 Steel, Add	*13.15*	
		For Each Additional Top Copes >2, Add	*0.46*	
		For Structural Tees, WT, MT Or ST, Deduct	*-20.06*	
		For Skewed Or Sloped Connections, Add	*7.89*	
05 12 23 00-0319	LF	W10 x 39 A36 Structural Beam Or Girder	60.35	18.16
		For High Strength Low Alloy A572-50 Steel, Add	*5.43*	
		For High Strength Low Alloy A588 Steel, Add	*12.07*	
		For Each Additional Top Copes >2, Add	*0.41*	
		For Structural Tees, WT, MT Or ST, Deduct	*-18.22*	
		For Skewed Or Sloped Connections, Add	*7.24*	
05 12 23 00-0320	LF	W10 x 33 A36 Structural Beam Or Girder	54.97	17.89
		For High Strength Low Alloy A572-50 Steel, Add	*4.95*	
		For High Strength Low Alloy A588 Steel, Add	*10.99*	
		For Each Additional Top Copes >2, Add	*0.36*	
		For Structural Tees, WT, MT Or ST, Deduct	*-16.37*	
		For Skewed Or Sloped Connections, Add	*6.60*	
05 12 23 00-0321	LF	W10 x 30 A36 Structural Beam Or Girder	52.24	17.79
		For High Strength Low Alloy A572-50 Steel, Add	*4.70*	
		For High Strength Low Alloy A588 Steel, Add	*10.45*	
		For Each Additional Top Copes >2, Add	*0.33*	
		For Structural Tees, WT, MT Or ST, Deduct	*-15.43*	
		For Skewed Or Sloped Connections, Add	*6.27*	
05 12 23 00-0322	LF	W10 x 26 A36 Structural Beam Or Girder	48.73	17.70
		For High Strength Low Alloy A572-50 Steel, Add	*4.39*	
		For High Strength Low Alloy A588 Steel, Add	*9.75*	
		For Each Additional Top Copes >2, Add	*0.30*	
		For Structural Tees, WT, MT Or ST, Deduct	*-14.23*	
		For Skewed Or Sloped Connections, Add	*5.85*	
05 12 23 00-0323	LF	W10 x 22 A36 Structural Beam Or Girder	45.00	17.42
		For High Strength Low Alloy A572-50 Steel, Add	*4.05*	
		For High Strength Low Alloy A588 Steel, Add	*9.00*	
		For Each Additional Top Copes >2, Add	*0.26*	
		For Structural Tees, WT, MT Or ST, Deduct	*-12.97*	
		For Skewed Or Sloped Connections, Add	*5.40*	
05 12 23 00-0324	LF	W10 x 19 A36 Structural Beam Or Girder	42.37	17.32
		For High Strength Low Alloy A572-50 Steel, Add	*3.81*	
		For High Strength Low Alloy A588 Steel, Add	*8.47*	
		For Each Additional Top Copes >2, Add	*0.24*	
		For Structural Tees, WT, MT Or ST, Deduct	*-12.06*	
		For Skewed Or Sloped Connections, Add	*5.08*	
05 12 23 00-0325	LF	W10 x 17 A36 Structural Beam Or Girder	40.51	17.23
		For High Strength Low Alloy A572-50 Steel, Add	*3.65*	
		For High Strength Low Alloy A588 Steel, Add	*8.10*	
		For Each Additional Top Copes >2, Add	*0.22*	
		For Structural Tees, WT, MT Or ST, Deduct	*-11.42*	
		For Skewed Or Sloped Connections, Add	*4.86*	
05 12 23 00-0326	LF	W10 x 15 A36 Structural Beam Or Girder	38.75	17.04
		For High Strength Low Alloy A572-50 Steel, Add	*3.49*	
		For High Strength Low Alloy A588 Steel, Add	*7.75*	
		For Each Additional Top Copes >2, Add	*0.20*	
		For Structural Tees, WT, MT Or ST, Deduct	*-10.82*	
		For Skewed Or Sloped Connections, Add	*4.65*	
05 12 23 00-0327	LF	W10 x 12 A36 Structural Beam Or Girder	36.10	17.04
		For High Strength Low Alloy A572-50 Steel, Add	*3.25*	
		For High Strength Low Alloy A588 Steel, Add	*7.22*	
		For Each Additional Top Copes >2, Add	*0.18*	
		For Structural Tees, WT, MT Or ST, Deduct	*-9.91*	
		For Skewed Or Sloped Connections, Add	*4.33*	
05 12 23 00-0328	LF	W8 x 35 A36 Structural Beam Or Girder	56.74	18.08
		For High Strength Low Alloy A572-50 Steel, Add	*5.11*	
		For High Strength Low Alloy A588 Steel, Add	*11.35*	
		For Each Additional Top Copes >2, Add	*0.38*	
		For Structural Tees, WT, MT Or ST, Deduct	*-16.98*	
		For Skewed Or Sloped Connections, Add	*6.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0329	LF	W8 x 31 A36 Structural Beam Or Girder	53.12	17.79
		For High Strength Low Alloy A572-50 Steel, Add	*4.78*	
		For High Strength Low Alloy A588 Steel, Add	*10.62*	
		For Each Additional Top Copes >2, Add	*0.34*	
		For Structural Tees, WT, MT Or ST, Deduct	*-15.74*	
		For Skewed Or Sloped Connections, Add	*6.37*	
05 12 23 00-0330	LF	W8 x 28 A36 Structural Beam Or Girder	49.45	16.76
		For High Strength Low Alloy A572-50 Steel, Add	*4.45*	
		For High Strength Low Alloy A588 Steel, Add	*9.89*	
		For Each Additional Top Copes >2, Add	*0.32*	
		For Structural Tees, WT, MT Or ST, Deduct	*-14.62*	
		For Skewed Or Sloped Connections, Add	*5.93*	
05 12 23 00-0331	LF	W8 x 24 A36 Structural Beam Or Girder	45.20	15.73
		For High Strength Low Alloy A572-50 Steel, Add	*4.07*	
		For High Strength Low Alloy A588 Steel, Add	*9.04*	
		For Each Additional Top Copes >2, Add	*0.28*	
		For Structural Tees, WT, MT Or ST, Deduct	*-13.31*	
		For Skewed Or Sloped Connections, Add	*5.42*	
05 12 23 00-0332	LF	W8 x 21 A36 Structural Beam Or Girder	42.07	14.61
		For High Strength Low Alloy A572-50 Steel, Add	*3.79*	
		For High Strength Low Alloy A588 Steel, Add	*8.41*	
		For Each Additional Top Copes >2, Add	*0.26*	
		For Structural Tees, WT, MT Or ST, Deduct	*-12.38*	
		For Skewed Or Sloped Connections, Add	*5.05*	
05 12 23 00-0333	LF	W8 x 18 A36 Structural Beam Or Girder	37.02	13.58
		For High Strength Low Alloy A572-50 Steel, Add	*3.33*	
		For High Strength Low Alloy A588 Steel, Add	*7.40*	
		For Each Additional Top Copes >2, Add	*0.23*	
		For Structural Tees, WT, MT Or ST, Deduct	*-10.78*	
		For Skewed Or Sloped Connections, Add	*4.44*	
05 12 23 00-0334	LF	W8 x 10 A36 Structural Beam Or Girder	22.32	9.74
		For High Strength Low Alloy A572-50 Steel, Add	*2.01*	
		For High Strength Low Alloy A588 Steel, Add	*4.46*	
		For Each Additional Top Copes >2, Add	*0.12*	
		For Structural Tees, WT, MT Or ST, Deduct	*-6.27*	
		For Skewed Or Sloped Connections, Add	*2.68*	
05 12 23 00-0335	LF	W6 x 9 A36 Structural Beam Or Girder	20.29	7.96
		For High Strength Low Alloy A572-50 Steel, Add	*1.83*	
		For High Strength Low Alloy A588 Steel, Add	*4.06*	
		For Each Additional Top Copes >2, Add	*0.12*	
		For Structural Tees, WT, MT Or ST, Deduct	*-5.84*	
		For Skewed Or Sloped Connections, Add	*2.43*	

05 12 23 00-0336 Channels *(05 12 23 00-0146)*

05 12 23 00-0337	LF	C2 x 1.78 - 2" Wide (Channels)	5.68	3.39
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.48*	
		For >500 To 1000, Deduct	*-0.74*	
		For >1000, Deduct	*-0.99*	
		For 316 Stainless Steel, Add	*3.68*	
		For Aluminum, Add	*0.21*	
		For Galvanized Steel, Add	*0.71*	
		For 304 Stainless Steel, Add	*3.28*	
05 12 23 00-0338	LF	C3 x 4.1 - 3" Wide (Channels)	8.13	4.87
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.69*	
		For >500 To 1000, Deduct	*-1.06*	
		For >1000, Deduct	*-1.42*	
		For 316 Stainless Steel, Add	*5.22*	
		For Aluminum, Add	*0.29*	
		For Galvanized Steel, Add	*1.01*	
		For 304 Stainless Steel, Add	*4.65*	
05 12 23 00-0339	LF	C4 x 5.4 - 4" Wide (Channels)	9.98	5.86
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-0.84*	
		For >500 To 1000, Deduct	*-1.28*	
		For >1000, Deduct	*-1.72*	
		For 316 Stainless Steel, Add	*6.94*	
		For Aluminum, Add	*0.39*	
		For Galvanized Steel, Add	*1.35*	
		For 304 Stainless Steel, Add	*6.18*	
05 12 23 00-0340	LF	C5 x 6.7 - 5" Wide (Channels)	11.85	6.82
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-0.98*	
		For >500 To 1000, Deduct	*-1.50*	
		For >1000, Deduct	*-2.03*	
		For 316 Stainless Steel, Add	*8.77*	
		For Aluminum, Add	*0.49*	
		For Galvanized Steel, Add	*1.70*	
		For 304 Stainless Steel, Add	*7.81*	
05 12 23 00-0341	LF	C6 x 8.2 - 6" Wide (Channels)	13.16	7.35
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.06*	
		For >500 To 1000, Deduct	*-1.64*	
		For >1000, Deduct	*-2.21*	
		For 316 Stainless Steel, Add	*10.75*	
		For Aluminum, Add	*0.60*	
		For Galvanized Steel, Add	*2.08*	
		For 304 Stainless Steel, Add	*9.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0342	LF	C7 x 9.8 - 7" Wide (Channels)	17.55	9.75
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.41*	
		For >500 To 1000, Deduct	*-2.18*	
		For >1000, Deduct	*-2.94*	
		For 316 Stainless Steel, Add	*14.53*	
		For Aluminum, Add	*0.82*	
		For Galvanized Steel, Add	*2.81*	
		For 304 Stainless Steel, Add	*12.94*	
05 12 23 00-0343	LF	C8 x 11.5 - 8" Wide (Channels)	19.63	10.73
		For >100 To 250, Deduct	*-1.07*	
		For >250 To 500, Deduct	*-1.56*	
		For >500 To 1000, Deduct	*-2.41*	
		For >1000, Deduct	*-3.26*	
		For 316 Stainless Steel, Add	*17.02*	
		For Aluminum, Add	*0.96*	
		For Galvanized Steel, Add	*3.30*	
		For 304 Stainless Steel, Add	*15.16*	

05 12 23 00-0344 Structural Bar Tees *(05 12 23 00-0146)*

05 12 23 00-0345	LF	3/4" x 3/4" x 1/8" Structural Bar Tee	4.23	2.49
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 1000, Deduct	*-0.54*	
		For >1000, Deduct	*-0.73*	
		For 316 Stainless Steel, Add	*2.94*	
		For Aluminum, Add	*0.17*	
		For Galvanized Steel, Add	*0.57*	
		For 304 Stainless Steel, Add	*2.62*	
05 12 23 00-0346	LF	1" x 1" x 1/8" Structural Bar Tee	4.98	2.93
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.42*	
		For >500 To 1000, Deduct	*-0.64*	
		For >1000, Deduct	*-0.86*	
		For 316 Stainless Steel, Add	*3.46*	
		For Aluminum, Add	*0.19*	
		For Galvanized Steel, Add	*0.67*	
		For 304 Stainless Steel, Add	*3.08*	
05 12 23 00-0347	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee	8.67	3.38
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.56*	
		For >500 To 1000, Deduct	*-0.88*	
		For >1000, Deduct	*-1.21*	
		For 316 Stainless Steel, Add	*13.31*	
		For Aluminum, Add	*0.75*	
		For Galvanized Steel, Add	*2.58*	
		For 304 Stainless Steel, Add	*11.86*	
05 12 23 00-0348	LF	2" x 2" x 1/4" Structural Bar Tee	11.32	4.42
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.73*	
		For >500 To 1000, Deduct	*-1.16*	
		For >1000, Deduct	*-1.59*	
		For 316 Stainless Steel, Add	*17.34*	
		For Aluminum, Add	*0.98*	
		For Galvanized Steel, Add	*3.36*	
		For 304 Stainless Steel, Add	*15.45*	
05 12 23 00-0349	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee	16.78	5.33
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.95*	
		For >500 To 1000, Deduct	*-1.55*	
		For >1000, Deduct	*-2.15*	
		For 316 Stainless Steel, Add	*30.91*	
		For Aluminum, Add	*1.74*	
		For Galvanized Steel, Add	*5.99*	
		For 304 Stainless Steel, Add	*27.53*	
05 12 23 00-0350	LF	3" x 3" x 3/8" Structural Bar Tee	20.87	6.83
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.21*	
		For >500 To 1000, Deduct	*-1.95*	
		For >1000, Deduct	*-2.70*	
		For 316 Stainless Steel, Add	*37.63*	
		For Aluminum, Add	*2.12*	
		For Galvanized Steel, Add	*7.29*	
		For 304 Stainless Steel, Add	*33.52*	

05 12 23 00-0351 Structural Zees *(05 12 23 00-0146)*

05 12 23 00-0352	LF	1-1/4" x 1-3/4" x 1-3/4" Structural Zee	8.71	3.38
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.56*	
		For >500 To 1000, Deduct	*-0.89*	
		For >1000, Deduct	*-1.22*	
		For 316 Stainless Steel, Add	*13.44*	
		For Aluminum, Add	*0.76*	
		For Galvanized Steel, Add	*2.60*	
		For 304 Stainless Steel, Add	*11.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0353	LF	2-11/16" x 3" x 2-11/16" Structural Zee	12.72	4.04
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 1000, Deduct	*-1.17*	
		For >1000, Deduct	*-1.63*	
		For 316 Stainless Steel, Add	*23.52*	
		For Aluminum, Add	*1.32*	
		For Galvanized Steel, Add	*4.56*	
		For 304 Stainless Steel, Add	*20.95*	
05 12 23 00-0354	LF	3-1/16" x 4" x 3-1/16" Structural Zee	18.40	4.55
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.92*	
		For >500 To 1000, Deduct	*-1.53*	
		For >1000, Deduct	*-2.14*	
		For 316 Stainless Steel, Add	*39.46*	
		For Aluminum, Add	*2.22*	
		For Galvanized Steel, Add	*7.64*	
		For 304 Stainless Steel, Add	*35.14*	
05 12 23 00-0355	LF	3-1/4" x 5" x 3-1/4" Structural Zee	24.38	5.20
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-1.13*	
		For >500 To 1000, Deduct	*-1.91*	
		For >1000, Deduct	*-2.69*	
		For 316 Stainless Steel, Add	*55.84*	
		For Aluminum, Add	*3.14*	
		For Galvanized Steel, Add	*10.82*	
		For 304 Stainless Steel, Add	*49.73*	
05 12 23 00-0356	LF	3-1/2" x 6" x 3-1/2" Structural Zee	31.10	5.66
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-1.34*	
		For >500 To 1000, Deduct	*-2.31*	
		For >1000, Deduct	*-3.28*	
		For 316 Stainless Steel, Add	*75.36*	
		For Aluminum, Add	*4.24*	
		For Galvanized Steel, Add	*14.60*	
		For 304 Stainless Steel, Add	*67.12*	

05 12 23 00-0357 Junior I-Beams *(05 12 23 00-0146)*

05 12 23 00-0358	LF	3" I-Beam (Junior), 5.7# Per LF	9.65	4.88
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.73*	
		For >500 To 1000, Deduct	*-1.13*	
		For >1000, Deduct	*-1.54*	
		For 316 Stainless Steel, Add	*10.08*	
		For Aluminum, Add	*0.57*	
		For Galvanized Steel, Add	*1.95*	
		For 304 Stainless Steel, Add	*8.98*	
05 12 23 00-0359	LF	4" I-Beam (Junior), 7.7# Per LF	11.53	5.33
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.82*	
		For >500 To 1000, Deduct	*-1.29*	
		For >1000, Deduct	*-1.75*	
		For 316 Stainless Steel, Add	*14.11*	
		For Aluminum, Add	*0.79*	
		For Galvanized Steel, Add	*2.73*	
		For 304 Stainless Steel, Add	*12.57*	
05 12 23 00-0360	LF	5" I-Beam (Junior), 10# Per LF	14.07	5.86
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-0.94*	
		For >500 To 1000, Deduct	*-1.48*	
		For >1000, Deduct	*-2.03*	
		For 316 Stainless Steel, Add	*20.06*	
		For Aluminum, Add	*1.13*	
		For Galvanized Steel, Add	*3.89*	
		For 304 Stainless Steel, Add	*17.87*	
05 12 23 00-0361	LF	6" I-Beam (Junior), 12.5# Per LF	15.55	6.37
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.03*	
		For >500 To 1000, Deduct	*-1.63*	
		For >1000, Deduct	*-2.23*	
		For 316 Stainless Steel, Add	*22.56*	
		For Aluminum, Add	*1.27*	
		For Galvanized Steel, Add	*4.37*	
		For 304 Stainless Steel, Add	*20.09*	
05 12 23 00-0362	LF	7" I-Beam (Junior), 15.3# Per LF	19.85	6.82
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.18*	
		For >500 To 1000, Deduct	*-1.90*	
		For >1000, Deduct	*-2.63*	
		For 316 Stainless Steel, Add	*34.37*	
		For Aluminum, Add	*1.93*	
		For Galvanized Steel, Add	*6.66*	
		For 304 Stainless Steel, Add	*30.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0363	LF	8" I-Beam (Junior), 18.4# Per LF	21.60	7.29
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.27*	
		For >500 To 1000, Deduct	*-2.05*	
		For >1000, Deduct	*-2.83*	
		For 316 Stainless Steel, Add	*38.05*	
		For Aluminum, Add	*2.14*	
		For Galvanized Steel, Add	*7.37*	
		For 304 Stainless Steel, Add	*33.89*	

05 12 23 00-0364 Round Stock *(05 12 23 00-0146)*

05 12 23 00-0365	LF	1/4" Carbon Steel Rounds, ASTM A108	1.50	
		For 316 Stainless Steel, Add	*2.02*	
		For Aluminum, Add	*0.11*	
		For Galvanized Steel, Add	*0.39*	
		For 304 Stainless Steel, Add	*1.80*	
05 12 23 00-0366	LF	3/8" Carbon Steel Rounds, ASTM A108	2.24	
		For 316 Stainless Steel, Add	*4.00*	
		For Aluminum, Add	*0.23*	
		For Galvanized Steel, Add	*0.78*	
		For 304 Stainless Steel, Add	*3.56*	
05 12 23 00-0367	LF	1/2" Carbon Steel Rounds, ASTM A108	2.99	
		For 316 Stainless Steel, Add	*6.08*	
		For Aluminum, Add	*0.34*	
		For Galvanized Steel, Add	*1.18*	
		For 304 Stainless Steel, Add	*5.42*	
05 12 23 00-0368	LF	5/8" Carbon Steel Rounds, ASTM A108	4.38	
		For 316 Stainless Steel, Add	*10.14*	
		For Aluminum, Add	*0.57*	
		For Galvanized Steel, Add	*1.97*	
		For 304 Stainless Steel, Add	*9.03*	
05 12 23 00-0369	LF	3/4" Carbon Steel Rounds, ASTM A108	5.21	
		For 316 Stainless Steel, Add	*12.03*	
		For Aluminum, Add	*0.68*	
		For Galvanized Steel, Add	*2.33*	
		For 304 Stainless Steel, Add	*10.72*	
05 12 23 00-0370	LF	7/8" Carbon Steel Rounds, ASTM A108	6.06	
		For 316 Stainless Steel, Add	*14.05*	
		For Aluminum, Add	*0.79*	
		For Galvanized Steel, Add	*2.72*	
		For 304 Stainless Steel, Add	*12.51*	
05 12 23 00-0371	LF	1" Carbon Steel Rounds, ASTM A108	8.67	
		For 316 Stainless Steel, Add	*21.44*	
		For Aluminum, Add	*1.21*	
		For Galvanized Steel, Add	*4.15*	
		For 304 Stainless Steel, Add	*19.10*	
05 12 23 00-0372	LF	1-1/8" Carbon Steel Rounds, ASTM A108	10.55	
		For 316 Stainless Steel, Add	*26.05*	
		For Aluminum, Add	*1.47*	
		For Galvanized Steel, Add	*5.05*	
		For 304 Stainless Steel, Add	*23.20*	
05 12 23 00-0373	LF	1-1/4" Carbon Steel Rounds, ASTM A108	12.68	
		For 316 Stainless Steel, Add	*30.66*	
		For Aluminum, Add	*1.72*	
		For Galvanized Steel, Add	*5.94*	
		For 304 Stainless Steel, Add	*27.30*	
05 12 23 00-0374	LF	1-3/8" Carbon Steel Rounds, ASTM A108	15.30	
		For 316 Stainless Steel, Add	*37.41*	
		For Aluminum, Add	*2.10*	
		For Galvanized Steel, Add	*7.25*	
		For 304 Stainless Steel, Add	*33.32*	
05 12 23 00-0375	LF	1-1/2" Carbon Steel Rounds, ASTM A108	17.16	
		For 316 Stainless Steel, Add	*41.02*	
		For Aluminum, Add	*2.31*	
		For Galvanized Steel, Add	*7.95*	
		For 304 Stainless Steel, Add	*36.54*	
05 12 23 00-0376	LF	1-5/8" Carbon Steel Rounds, ASTM A108	19.95	
		For 316 Stainless Steel, Add	*46.50*	
		For Aluminum, Add	*2.62*	
		For Galvanized Steel, Add	*9.01*	
		For 304 Stainless Steel, Add	*41.41*	
05 12 23 00-0377	LF	1-3/4" Carbon Steel Rounds, ASTM A108	24.14	
		For 316 Stainless Steel, Add	*54.11*	
		For Aluminum, Add	*3.04*	
		For Galvanized Steel, Add	*10.48*	
		For 304 Stainless Steel, Add	*48.19*	
05 12 23 00-0378	LF	1-7/8" Carbon Steel Rounds, ASTM A108	29.35	
		For 316 Stainless Steel, Add	*63.39*	
		For Aluminum, Add	*3.57*	
		For Galvanized Steel, Add	*12.28*	
		For 304 Stainless Steel, Add	*56.46*	
05 12 23 00-0379	LF	2" Carbon Steel Rounds, ASTM A108	33.84	
		For 316 Stainless Steel, Add	*70.50*	
		For Aluminum, Add	*3.97*	
		For Galvanized Steel, Add	*13.66*	
		For 304 Stainless Steel, Add	*62.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0380	LF	2-1/8" Carbon Steel Rounds, ASTM A108	39.82	
		For 316 Stainless Steel, Add	*80.51*	
		For Aluminum, Add	*4.53*	
		For Galvanized Steel, Add	*15.60*	
		For 304 Stainless Steel, Add	*71.71*	
05 12 23 00-0381	LF	2-1/4" Carbon Steel Rounds, ASTM A108	45.15	
		For 316 Stainless Steel, Add	*90.53*	
		For Aluminum, Add	*5.09*	
		For Galvanized Steel, Add	*17.54*	
		For 304 Stainless Steel, Add	*80.63*	
05 12 23 00-0382	LF	2-3/8" Carbon Steel Rounds, ASTM A108	51.74	
		For 316 Stainless Steel, Add	*103.55*	
		For Aluminum, Add	*5.82*	
		For Galvanized Steel, Add	*20.06*	
		For 304 Stainless Steel, Add	*92.23*	
05 12 23 00-0383	LF	2-1/2" Carbon Steel Rounds, ASTM A108	57.63	
		For 316 Stainless Steel, Add	*111.58*	
		For Aluminum, Add	*6.28*	
		For Galvanized Steel, Add	*21.62*	
		For 304 Stainless Steel, Add	*99.38*	
05 12 23 00-0384	LF	2-5/8" Carbon Steel Rounds, ASTM A108	69.57	
		For 316 Stainless Steel, Add	*141.73*	
		For Aluminum, Add	*7.97*	
		For Galvanized Steel, Add	*27.46*	
		For 304 Stainless Steel, Add	*126.23*	
05 12 23 00-0385	LF	2-3/4" Carbon Steel Rounds, ASTM A108	79.17	
		For 316 Stainless Steel, Add	*161.63*	
		For Aluminum, Add	*9.09*	
		For Galvanized Steel, Add	*31.32*	
		For 304 Stainless Steel, Add	*143.95*	
05 12 23 00-0386	LF	2-7/8 Carbon Steel Rounds, ASTM A108	88.32	
		For 316 Stainless Steel, Add	*180.13*	
		For Aluminum, Add	*10.13*	
		For Galvanized Steel, Add	*34.90*	
		For 304 Stainless Steel, Add	*160.43*	
05 12 23 00-0387	LF	3" Carbon Steel Rounds, ASTM A108	93.39	
		For 316 Stainless Steel, Add	*185.54*	
		For Aluminum, Add	*10.44*	
		For Galvanized Steel, Add	*35.95*	
		For 304 Stainless Steel, Add	*165.24*	
05 12 23 00-0388	LF	3-1/8" Carbon Steel Rounds, ASTM A108	98.04	
		For 316 Stainless Steel, Add	*189.63*	
		For Aluminum, Add	*10.67*	
		For Galvanized Steel, Add	*36.74*	
		For 304 Stainless Steel, Add	*168.89*	
05 12 23 00-0389	LF	3-1/4" Carbon Steel Rounds, ASTM A108	103.83	
		For 316 Stainless Steel, Add	*197.38*	
		For Aluminum, Add	*11.10*	
		For Galvanized Steel, Add	*38.24*	
		For 304 Stainless Steel, Add	*175.79*	
05 12 23 00-0390	LF	3-1/2" Carbon Steel Rounds, ASTM A108	124.62	
		For 316 Stainless Steel, Add	*250.43*	
		For Aluminum, Add	*14.09*	
		For Galvanized Steel, Add	*48.52*	
		For 304 Stainless Steel, Add	*223.04*	
05 12 23 00-0391	LF	3-5/8" Carbon Steel Rounds, ASTM A108	138.13	
		For 316 Stainless Steel, Add	*280.16*	
		For Aluminum, Add	*15.76*	
		For Galvanized Steel, Add	*54.28*	
		For 304 Stainless Steel, Add	*249.52*	
05 12 23 00-0392	LF	3-3/4" Carbon Steel Rounds, ASTM A108	148.44	
		For 316 Stainless Steel, Add	*299.68*	
		For Aluminum, Add	*16.86*	
		For Galvanized Steel, Add	*58.06*	
		For 304 Stainless Steel, Add	*266.90*	
05 12 23 00-0393	LF	4" Carbon Steel Rounds, ASTM A108	165.64	
		For 316 Stainless Steel, Add	*341.22*	
		For Aluminum, Add	*19.19*	
		For Galvanized Steel, Add	*66.11*	
		For 304 Stainless Steel, Add	*303.90*	

05 12 23 00-0394 Steel Tubing *(05 12 23 00-0146)*
Note: General purpose low-carbon steel.

05 12 23 00-0395 Square Steel Tubing *(05 12 23 00-0394)*

05 12 23 00-0396 0.06" Wall Thickness *(05 12 23 00-0395)*

05 12 23 00-0397	LF	1/2" x 1/2" x 0.06" Square Steel Tubing	1.82	0.46
		For >100 To 250, Deduct	*-0.05*	
		For >250 To 500, Deduct	*-0.09*	
		For >500 To 1000, Deduct	*-0.15*	
		For >1000, Deduct	*-0.21*	
		For Galvanized Steel, Add	*0.74*	
05 12 23 00-0398	LF	3/4" x 3/4" x 0.06" Square Steel Tubing	2.80	0.73
		For >100 To 250, Deduct	*-0.07*	
		For >250 To 500, Deduct	*-0.14*	
		For >500 To 1000, Deduct	*-0.24*	
		For >1000, Deduct	*-0.33*	
		For Galvanized Steel, Add	*1.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0399	LF	1" x 1" x 0.06" Square Steel Tubing	3.77	1.33
		For >100 To 250, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.19*	
		For >500 To 1000, Deduct	*-0.32*	
		For >1000, Deduct	*-0.45*	
		For Galvanized Steel, Add	*1.51*	
05 12 23 00-0400	LF	1-1/4" x 1-1/4" x 0.06" Square Steel Tubing	4.97	1.27
		For >100 To 250, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.25*	
		For >500 To 1000, Deduct	*-0.42*	
		For >1000, Deduct	*-0.58*	
		For Galvanized Steel, Add	*2.03*	
05 12 23 00-0401	LF	1-1/2" x 1-1/2" x 0.06" Square Steel Tubing	5.90	1.53
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.30*	
		For >500 To 1000, Deduct	*-0.50*	
		For >1000, Deduct	*-0.70*	
		For Galvanized Steel, Add	*2.39*	

05 12 23 00-0402 0.083" Wall Thickness *(05 12 23 00-0395)*

05 12 23 00-0403	LF	3/4" x 3/4" x 0.083" Square Steel Tubing	3.27	0.86
		For >100 To 250, Deduct	*-0.09*	
		For >250 To 500, Deduct	*-0.17*	
		For >500 To 1000, Deduct	*-0.28*	
		For >1000, Deduct	*-0.39*	
		For Galvanized Steel, Add	*1.31*	
05 12 23 00-0404	LF	1" x 1" x 0.083" Square Steel Tubing	4.73	1.18
		For >100 To 250, Deduct	*-0.12*	
		For >250 To 500, Deduct	*-0.24*	
		For >500 To 1000, Deduct	*-0.39*	
		For >1000, Deduct	*-0.55*	
		For Galvanized Steel, Add	*1.96*	
05 12 23 00-0405	LF	1-1/4" x 1-1/4" x 0.083" Square Steel Tubing	5.73	1.50
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.29*	
		For >500 To 1000, Deduct	*-0.49*	
		For >1000, Deduct	*-0.68*	
		For Galvanized Steel, Add	*2.31*	
05 12 23 00-0406	LF	1-1/2" x 1-1/2" x 0.083" Square Steel Tubing	6.94	1.82
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1000, Deduct	*-0.59*	
		For >1000, Deduct	*-0.82*	
		For Galvanized Steel, Add	*2.80*	
05 12 23 00-0407	LF	2" x 2" x 0.083" Square Steel Tubing	8.91	2.43
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1000, Deduct	*-0.77*	
		For >1000, Deduct	*-1.07*	
		For Galvanized Steel, Add	*3.52*	

05 12 23 00-0408 0.12" Wall Thickness *(05 12 23 00-0395)*

05 12 23 00-0409	LF	1" x 1" x 0.12" Square Steel Tubing	5.24	1.40
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 1000, Deduct	*-0.45*	
		For >1000, Deduct	*-0.63*	
		For Galvanized Steel, Add	*2.09*	
05 12 23 00-0410	LF	1-1/4" x 1-1/4" x 0.12" Square Steel Tubing	6.76	1.80
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 1000, Deduct	*-0.58*	
		For >1000, Deduct	*-0.81*	
		For Galvanized Steel, Add	*2.70*	
05 12 23 00-0411	LF	1-1/2" x 1-1/2" x 0.12" Square Steel Tubing	8.28	2.20
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1000, Deduct	*-0.71*	
		For >1000, Deduct	*-0.99*	
		For Galvanized Steel, Add	*3.32*	
05 12 23 00-0412	LF	2" x 2" x 0.12" Square Steel Tubing	11.23	3.00
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.58*	
		For >500 To 1000, Deduct	*-0.96*	
		For >1000, Deduct	*-1.34*	
		For Galvanized Steel, Add	*4.48*	

05 12 23 00-0413 1/8" Wall Thickness *(05 12 23 00-0395)*

05 12 23 00-0414	LF	2" x 2" x 1/8" Square Steel Tubing	10.17	3.11
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.57*	
		For >500 To 1000, Deduct	*-0.92*	
		For >1000, Deduct	*-1.28*	
		For Galvanized Steel, Add	*3.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0415	LF	2-1/2" x 2-1/2" x 1/8" Square Steel Tubing	13.39	3.95
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.73*	
		For >500 To 1000, Deduct	*-1.19*	
		For >1000, Deduct	*-1.66*	
		For Galvanized Steel, Add	*5.05*	
05 12 23 00-0416	LF	3" x 3" x 1/8" Square Steel Tubing	15.71	4.77
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.87*	
		For >500 To 1000, Deduct	*-1.42*	
		For >1000, Deduct	*-1.97*	
		For Galvanized Steel, Add	*5.80*	
05 12 23 00-0417	LF	3-1/2" x 3-1/2" x 1/8" Square Steel Tubing	18.23	5.61
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-1.02*	
		For >500 To 1000, Deduct	*-1.66*	
		For >1000, Deduct	*-2.30*	
		For Galvanized Steel, Add	*6.67*	
05 12 23 00-0418	LF	4" x 4" x 1/8" Square Steel Tubing	20.13	6.43
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.15*	
		For >500 To 1000, Deduct	*-1.86*	
		For >1000, Deduct	*-2.58*	
		For Galvanized Steel, Add	*7.16*	

05 12 23 00-0419 3/16" Wall Thickness *(05 12 23 00-0395)*

05 12 23 00-0420	LF	2" x 2" x 3/16" Square Steel Tubing	11.53	3.51
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.64*	
		For >500 To 1000, Deduct	*-1.04*	
		For >1000, Deduct	*-1.45*	
		For Galvanized Steel, Add	*4.25*	
05 12 23 00-0421	LF	2-1/2" x 2-1/2" x 3/16" Square Steel Tubing	14.93	4.55
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.83*	
		For >500 To 1000, Deduct	*-1.35*	
		For >1000, Deduct	*-1.88*	
		For Galvanized Steel, Add	*5.50*	
05 12 23 00-0422	LF	3" x 3" x 3/16" Square Steel Tubing	18.35	5.59
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-1.02*	
		For >500 To 1000, Deduct	*-1.66*	
		For >1000, Deduct	*-2.31*	
		For Galvanized Steel, Add	*6.76*	
05 12 23 00-0423	LF	3-1/2" x 3-1/2" x 3/16" Square Steel Tubing	21.77	6.62
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.21*	
		For >500 To 1000, Deduct	*-1.97*	
		For >1000, Deduct	*-2.74*	
		For Galvanized Steel, Add	*8.02*	
05 12 23 00-0424	LF	4" x 4" x 3/16" Square Steel Tubing	25.17	7.66
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.40*	
		For >500 To 1000, Deduct	*-2.28*	
		For >1000, Deduct	*-3.17*	
		For Galvanized Steel, Add	*9.27*	
05 12 23 00-0425	LF	4-1/2" x 4-1/2" x 3/16" Square Steel Tubing	28.58	8.70
		For >100 To 250, Deduct	*-0.87*	
		For >250 To 500, Deduct	*-1.58*	
		For >500 To 1000, Deduct	*-2.59*	
		For >1000, Deduct	*-3.59*	
		For Galvanized Steel, Add	*10.53*	
05 12 23 00-0426	LF	5" x 5" x 3/16" Square Steel Tubing	31.96	9.73
		For >100 To 250, Deduct	*-0.97*	
		For >250 To 500, Deduct	*-1.77*	
		For >500 To 1000, Deduct	*-2.90*	
		For >1000, Deduct	*-4.02*	
		For Galvanized Steel, Add	*11.77*	
05 12 23 00-0427	LF	6" x 6" x 3/16" Square Steel Tubing	38.80	11.82
		For >100 To 250, Deduct	*-1.18*	
		For >250 To 500, Deduct	*-2.15*	
		For >500 To 1000, Deduct	*-3.52*	
		For >1000, Deduct	*-4.88*	
		For Galvanized Steel, Add	*14.29*	

05 12 23 00-0428 1/4" Wall Thickness *(05 12 23 00-0395)*

05 12 23 00-0429	LF	2" x 2" x 1/4" Square Steel Tubing	12.27	3.52
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1000, Deduct	*-1.08*	
		For >1000, Deduct	*-1.51*	
		For Galvanized Steel, Add	*4.70*	
05 12 23 00-0430	LF	2-1/2" x 2-1/2" x 1/4" Square Steel Tubing	16.13	4.63
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.87*	
		For >500 To 1000, Deduct	*-1.42*	
		For >1000, Deduct	*-1.98*	
		For Galvanized Steel, Add	*6.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0431	LF	3" x 3" x 1/4" Square Steel Tubing	19.98	5.73
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-1.07*	
		For >500 To 1000, Deduct	*-1.76*	
		For >1000, Deduct	*-2.45*	
		For Galvanized Steel, Add	*7.65*	
05 12 23 00-0432	LF	3-1/2" x 3-1/2" x 1/4" Square Steel Tubing	23.84	6.83
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.28*	
		For >500 To 1000, Deduct	*-2.10*	
		For >1000, Deduct	*-2.93*	
		For Galvanized Steel, Add	*9.13*	
05 12 23 00-0433	LF	4" x 4" x 1/4" Square Steel Tubing	27.69	7.94
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.49*	
		For >500 To 1000, Deduct	*-2.44*	
		For >1000, Deduct	*-3.40*	
		For Galvanized Steel, Add	*10.60*	
05 12 23 00-0434	LF	4-1/2" x 4-1/2" x 1/4" Square Steel Tubing	31.55	9.05
		For >100 To 250, Deduct	*-0.91*	
		For >250 To 500, Deduct	*-1.69*	
		For >500 To 1000, Deduct	*-2.78*	
		For >1000, Deduct	*-3.88*	
		For Galvanized Steel, Add	*12.08*	
05 12 23 00-0435	LF	5" x 5" x 1/4" Square Steel Tubing	35.42	10.17
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.90*	
		For >500 To 1000, Deduct	*-3.13*	
		For >1000, Deduct	*-4.35*	
		For Galvanized Steel, Add	*13.56*	
05 12 23 00-0436	LF	6" x 6" x 1/4" Square Steel Tubing	43.13	12.37
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-2.32*	
		For >500 To 1000, Deduct	*-3.81*	
		For >1000, Deduct	*-5.30*	
		For Galvanized Steel, Add	*16.51*	

05 12 23 00-0437 Rectangular Steel Tubing *(05 12 23 00-0394)*

05 12 23 00-0438 3/16" Wall Thickness *(05 12 23 00-0437)*

05 12 23 00-0439	LF	3" x 2" x 3/16" Square Steel Tubing	14.93	4.55
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.83*	
		For >500 To 1000, Deduct	*-1.35*	
		For >1000, Deduct	*-1.88*	
		For Galvanized Steel, Add	*5.50*	
05 12 23 00-0440	LF	4" x 2" x 3/16" Square Steel Tubing	18.35	5.59
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-1.02*	
		For >500 To 1000, Deduct	*-1.66*	
		For >1000, Deduct	*-2.31*	
		For Galvanized Steel, Add	*6.76*	
05 12 23 00-0441	LF	4" x 3" x 3/16" Square Steel Tubing	21.77	6.62
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.21*	
		For >500 To 1000, Deduct	*-1.97*	
		For >1000, Deduct	*-2.74*	
		For Galvanized Steel, Add	*8.02*	
05 12 23 00-0442	LF	5" x 2" x 3/16" Square Steel Tubing	21.77	6.62
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.21*	
		For >500 To 1000, Deduct	*-1.97*	
		For >1000, Deduct	*-2.74*	
		For Galvanized Steel, Add	*8.02*	
05 12 23 00-0443	LF	5" x 3" x 3/16" Square Steel Tubing	25.17	7.66
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.40*	
		For >500 To 1000, Deduct	*-2.28*	
		For >1000, Deduct	*-3.17*	
		For Galvanized Steel, Add	*9.27*	
05 12 23 00-0444	LF	5" x 4" x 3/16" Square Steel Tubing	28.58	8.70
		For >100 To 250, Deduct	*-0.87*	
		For >250 To 500, Deduct	*-1.58*	
		For >500 To 1000, Deduct	*-2.59*	
		For >1000, Deduct	*-3.59*	
		For Galvanized Steel, Add	*10.53*	
05 12 23 00-0445	LF	6" x 2" x 3/16" Square Steel Tubing	25.17	7.66
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.40*	
		For >500 To 1000, Deduct	*-2.28*	
		For >1000, Deduct	*-3.17*	
		For Galvanized Steel, Add	*9.27*	
05 12 23 00-0446	LF	6" x 3" x 3/16" Square Steel Tubing	28.58	8.70
		For >100 To 250, Deduct	*-0.87*	
		For >250 To 500, Deduct	*-1.58*	
		For >500 To 1000, Deduct	*-2.59*	
		For >1000, Deduct	*-3.59*	
		For Galvanized Steel, Add	*10.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0447	LF	6" x 4" x 3/16" Square Steel Tubing	31.96	9.73
		For >100 To 250, Deduct	*-0.97*	
		For >250 To 500, Deduct	*-1.77*	
		For >500 To 1000, Deduct	*-2.90*	
		For >1000, Deduct	*-4.02*	
		For Galvanized Steel, Add	*11.77*	

05 12 23 00-0448 1/4" Wall Thickness *(05 12 23 00-0437)*

05 12 23 00-0449	LF	3" x 2" x 1/4" Square Steel Tubing	16.13	4.63
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.87*	
		For >500 To 1000, Deduct	*-1.42*	
		For >1000, Deduct	*-1.98*	
		For Galvanized Steel, Add	*6.18*	
05 12 23 00-0450	LF	4" x 2" x 1/4" Square Steel Tubing	19.98	5.73
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-1.07*	
		For >500 To 1000, Deduct	*-1.76*	
		For >1000, Deduct	*-2.45*	
		For Galvanized Steel, Add	*7.65*	
05 12 23 00-0451	LF	4" x 3" x 1/4" Square Steel Tubing	23.84	6.83
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.28*	
		For >500 To 1000, Deduct	*-2.10*	
		For >1000, Deduct	*-2.93*	
		For Galvanized Steel, Add	*9.13*	
05 12 23 00-0452	LF	5" x 2" x 1/4" Square Steel Tubing	23.84	6.83
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.28*	
		For >500 To 1000, Deduct	*-2.10*	
		For >1000, Deduct	*-2.93*	
		For Galvanized Steel, Add	*9.13*	
05 12 23 00-0453	LF	5" x 3" x 1/4" Square Steel Tubing	27.69	7.94
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.49*	
		For >500 To 1000, Deduct	*-2.44*	
		For >1000, Deduct	*-3.40*	
		For Galvanized Steel, Add	*10.60*	
05 12 23 00-0454	LF	5" x 4" x 1/4" Square Steel Tubing	31.55	9.05
		For >100 To 250, Deduct	*-0.91*	
		For >250 To 500, Deduct	*-1.69*	
		For >500 To 1000, Deduct	*-2.78*	
		For >1000, Deduct	*-3.88*	
		For Galvanized Steel, Add	*12.08*	
05 12 23 00-0455	LF	6" x 2" x 1/4" Square Steel Tubing	27.69	7.94
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.49*	
		For >500 To 1000, Deduct	*-2.44*	
		For >1000, Deduct	*-3.40*	
		For Galvanized Steel, Add	*10.60*	
05 12 23 00-0456	LF	6" x 3" x 1/4" Square Steel Tubing	31.55	9.05
		For >100 To 250, Deduct	*-0.91*	
		For >250 To 500, Deduct	*-1.69*	
		For >500 To 1000, Deduct	*-2.78*	
		For >1000, Deduct	*-3.88*	
		For Galvanized Steel, Add	*12.08*	
05 12 23 00-0457	LF	6" x 4" x 1/4" Square Steel Tubing	35.42	10.17
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.90*	
		For >500 To 1000, Deduct	*-3.13*	
		For >1000, Deduct	*-4.35*	
		For Galvanized Steel, Add	*13.56*	

05 12 23 00-0458 Round Steel Tubing *(05 12 23 00-0394)*

05 12 23 00-0459 0.065" Wall Thickness *(05 12 23 00-0458)*

05 12 23 00-0460	LF	1" Diameter x 0.065" Round Steel Tubing	3.26	0.85
		For >100 To 250, Deduct	*-0.08*	
		For >250 To 500, Deduct	*-0.17*	
		For >500 To 1000, Deduct	*-0.28*	
		For >1000, Deduct	*-0.39*	
		For Galvanized Steel, Add	*1.32*	
05 12 23 00-0461	LF	1-1/4" Diameter x 0.065" Round Steel Tubing	4.13	1.07
		For >100 To 250, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.21*	
		For >500 To 1000, Deduct	*-0.35*	
		For >1000, Deduct	*-0.49*	
		For Galvanized Steel, Add	*1.67*	
05 12 23 00-0462	LF	1-1/2" Diameter x 0.065" Round Steel Tubing	5.00	1.30
		For >100 To 250, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.25*	
		For >500 To 1000, Deduct	*-0.42*	
		For >1000, Deduct	*-0.59*	
		For Galvanized Steel, Add	*2.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0463	LF	2" Diameter x 0.065" Round Steel Tubing	6.73	1.75
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 1000, Deduct	*-0.57*	
		For >1000, Deduct	*-0.79*	
		For Galvanized Steel, Add	*2.73*	
05 12 23 00-0464	LF	2-1/2" Diameter x 0.065" Round Steel Tubing	8.47	2.19
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1000, Deduct	*-0.72*	
		For >1000, Deduct	*-1.00*	
		For Galvanized Steel, Add	*3.43*	
05 12 23 00-0465	LF	3" Diameter x 0.065" Round Steel Tubing	10.21	2.65
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.52*	
		For >500 To 1000, Deduct	*-0.86*	
		For >1000, Deduct	*-1.21*	
		For Galvanized Steel, Add	*4.14*	
05 12 23 00-0466	LF	3-1/2" Diameter x 0.065" Round Steel Tubing	11.96	3.10
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.61*	
		For >500 To 1000, Deduct	*-1.01*	
		For >1000, Deduct	*-1.41*	
		For Galvanized Steel, Add	*4.85*	
05 12 23 00-0467	LF	4" Diameter x 0.065" Round Steel Tubing	13.70	3.55
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.70*	
		For >500 To 1000, Deduct	*-1.16*	
		For >1000, Deduct	*-1.62*	
		For Galvanized Steel, Add	*5.56*	

05 12 23 00-0468 0.083" Wall Thickness *(05 12 23 00-0458)*

05 12 23 00-0469	LF	1" Diameter x 0.083" Round Steel Tubing	3.54	0.93
		For >100 To 250, Deduct	*-0.09*	
		For >250 To 500, Deduct	*-0.18*	
		For >500 To 1000, Deduct	*-0.30*	
		For >1000, Deduct	*-0.42*	
		For Galvanized Steel, Add	*1.43*	
05 12 23 00-0470	LF	1-1/4" Diameter x 0.083" Round Steel Tubing	4.50	1.18
		For >100 To 250, Deduct	*-0.12*	
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 1000, Deduct	*-0.38*	
		For >1000, Deduct	*-0.53*	
		For Galvanized Steel, Add	*1.82*	
05 12 23 00-0471	LF	1-1/2" Diameter x 0.083" Round Steel Tubing	5.46	1.43
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.28*	
		For >500 To 1000, Deduct	*-0.46*	
		For >1000, Deduct	*-0.65*	
		For Galvanized Steel, Add	*2.21*	
05 12 23 00-0472	LF	2" Diameter x 0.083" Round Steel Tubing	7.39	1.93
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.38*	
		For >500 To 1000, Deduct	*-0.63*	
		For >1000, Deduct	*-0.88*	
		For Galvanized Steel, Add	*2.98*	
05 12 23 00-0473	LF	2-1/2" Diameter x 0.083" Round Steel Tubing	9.32	2.44
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.48*	
		For >500 To 1000, Deduct	*-0.79*	
		For >1000, Deduct	*-1.11*	
		For Galvanized Steel, Add	*3.76*	
05 12 23 00-0474	LF	3" Diameter x 0.083" Round Steel Tubing	11.26	2.94
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.58*	
		For >500 To 1000, Deduct	*-0.96*	
		For >1000, Deduct	*-1.34*	
		For Galvanized Steel, Add	*4.54*	
05 12 23 00-0475	LF	3-1/2" Diameter x 0.083" Round Steel Tubing	13.18	3.45
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.67*	
		For >500 To 1000, Deduct	*-1.12*	
		For >1000, Deduct	*-1.56*	
		For Galvanized Steel, Add	*5.32*	
05 12 23 00-0476	LF	4" Diameter x 0.083" Round Steel Tubing	15.11	3.96
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.77*	
		For >500 To 1000, Deduct	*-1.28*	
		For >1000, Deduct	*-1.79*	
		For Galvanized Steel, Add	*6.10*	

05 12 23 00-0477 .125" Wall Thickness *(05 12 23 00-0458)*

05 12 23 00-0478	LF	2" Diameter x 0.125" Round Steel Tubing	7.98	2.45
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 1000, Deduct	*-0.73*	
		For >1000, Deduct	*-1.01*	
		For Galvanized Steel, Add	*2.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0479	LF	2-1/2" Diameter x 0.125" Round Steel Tubing	10.12	3.09
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.56*	
		For >500 To 1000, Deduct	*-0.92*	
		For >1000, Deduct	*-1.28*	
		For Galvanized Steel, Add	*3.71*	
05 12 23 00-0480	LF	3" Diameter x 0.125" Round Steel Tubing	12.23	3.74
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.68*	
		For >500 To 1000, Deduct	*-1.11*	
		For >1000, Deduct	*-1.54*	
		For Galvanized Steel, Add	*4.49*	
05 12 23 00-0481	LF	3-1/2" Diameter x 0.125" Round Steel Tubing	14.37	4.40
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.80*	
		For >500 To 1000, Deduct	*-1.30*	
		For >1000, Deduct	*-1.81*	
		For Galvanized Steel, Add	*5.28*	
05 12 23 00-0482	LF	4" Diameter x 0.125" Round Steel Tubing	16.49	5.04
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.92*	
		For >500 To 1000, Deduct	*-1.50*	
		For >1000, Deduct	*-2.08*	
		For Galvanized Steel, Add	*6.05*	

05 12 23 00-0483 Angle Iron *(05 12 23 00-0146)*

05 12 23 00-0484 1/8" Thick *(05 12 23 00-0483)*

05 12 23 00-0485	LF	1/2" x 1/2" x 1/8" Angle Iron	2.18	1.37
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.19*	
		For >500 To 1000, Deduct	*-0.29*	
		For >1000, Deduct	*-0.39*	
		For 316 Stainless Steel, Add	*1.15*	
		For Aluminum, Add	*0.06*	
		For Galvanized Steel, Add	*0.22*	
		For 304 Stainless Steel, Add	*1.03*	
05 12 23 00-0486	LF	3/4" x 1/2" x 1/8" Angle Iron	2.52	1.55
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.22*	
		For >500 To 1000, Deduct	*-0.33*	
		For >1000, Deduct	*-0.45*	
		For 316 Stainless Steel, Add	*1.47*	
		For Aluminum, Add	*0.08*	
		For Galvanized Steel, Add	*0.29*	
		For 304 Stainless Steel, Add	*1.31*	
05 12 23 00-0487	LF	3/4" x 3/4" x 1/8" Angle Iron	2.84	1.71
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.24*	
		For >500 To 1000, Deduct	*-0.37*	
		For >1000, Deduct	*-0.50*	
		For 316 Stainless Steel, Add	*1.82*	
		For Aluminum, Add	*0.10*	
		For Galvanized Steel, Add	*0.35*	
		For 304 Stainless Steel, Add	*1.62*	
05 12 23 00-0488	LF	1" x 3/4" x 1/8" Angle Iron	3.20	1.90
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 1000, Deduct	*-0.41*	
		For >1000, Deduct	*-0.56*	
		For 316 Stainless Steel, Add	*2.11*	
		For Aluminum, Add	*0.12*	
		For Galvanized Steel, Add	*0.41*	
		For 304 Stainless Steel, Add	*1.88*	
05 12 23 00-0489	LF	1" x 1" x 1/8" Angle Iron	3.50	2.05
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.29*	
		For >500 To 1000, Deduct	*-0.45*	
		For >1000, Deduct	*-0.60*	
		For 316 Stainless Steel, Add	*2.46*	
		For Aluminum, Add	*0.14*	
		For Galvanized Steel, Add	*0.48*	
		For 304 Stainless Steel, Add	*2.19*	
05 12 23 00-0490	LF	1-1/4" x 1-1/4" x 1/8" Angle Iron	4.19	2.42
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 1000, Deduct	*-0.53*	
		For >1000, Deduct	*-0.72*	
		For 316 Stainless Steel, Add	*3.10*	
		For Aluminum, Add	*0.17*	
		For Galvanized Steel, Add	*0.60*	
		For 304 Stainless Steel, Add	*2.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0491	LF	1-1/2" x 1" x 1/8" Angle Iron	4.19	2.42
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 1000, Deduct	*-0.53*	
		For >1000, Deduct	*-0.72*	
		For 316 Stainless Steel, Add	*3.10*	
		For Aluminum, Add	*0.17*	
		For Galvanized Steel, Add	*0.60*	
		For 304 Stainless Steel, Add	*2.76*	
05 12 23 00-0492	LF	1-1/2" x 1-1/2" x 1/8" Angle Iron	5.00	2.89
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.41*	
		For >500 To 1000, Deduct	*-0.63*	
		For >1000, Deduct	*-0.86*	
		For 316 Stainless Steel, Add	*3.71*	
		For Aluminum, Add	*0.21*	
		For Galvanized Steel, Add	*0.72*	
		For 304 Stainless Steel, Add	*3.31*	
05 12 23 00-0493	LF	2" x 2" x 1/8" Angle Iron	6.81	3.93
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.56*	
		For >500 To 1000, Deduct	*-0.86*	
		For >1000, Deduct	*-1.16*	
		For 316 Stainless Steel, Add	*5.06*	
		For Aluminum, Add	*0.28*	
		For Galvanized Steel, Add	*0.98*	
		For 304 Stainless Steel, Add	*4.50*	

05 12 23 00-0494 3/16" Thick *(05 12 23 00-0483)*

05 12 23 00-0495	LF	1-1/4" x 1-1/4" x 3/16" Angle Iron	4.82	2.55
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.38*	
		For >500 To 1000, Deduct	*-0.58*	
		For >1000, Deduct	*-0.79*	
		For 316 Stainless Steel, Add	*4.54*	
		For Aluminum, Add	*0.26*	
		For Galvanized Steel, Add	*0.88*	
		For 304 Stainless Steel, Add	*4.05*	
05 12 23 00-0496	LF	1-1/2" x 1" x 3/16" Angle Iron	4.82	2.55
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.38*	
		For >500 To 1000, Deduct	*-0.58*	
		For >1000, Deduct	*-0.79*	
		For 316 Stainless Steel, Add	*4.54*	
		For Aluminum, Add	*0.26*	
		For Galvanized Steel, Add	*0.88*	
		For 304 Stainless Steel, Add	*4.05*	
05 12 23 00-0497	LF	1-1/2" x 1-1/2" x 3/16" Angle Iron	5.36	2.73
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.41*	
		For >500 To 1000, Deduct	*-0.63*	
		For >1000, Deduct	*-0.86*	
		For 316 Stainless Steel, Add	*5.50*	
		For Aluminum, Add	*0.31*	
		For Galvanized Steel, Add	*1.07*	
		For 304 Stainless Steel, Add	*4.90*	
05 12 23 00-0498	LF	2" x 2" x 3/16" Angle Iron	6.24	2.93
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.45*	
		For >500 To 1000, Deduct	*-0.70*	
		For >1000, Deduct	*-0.96*	
		For 316 Stainless Steel, Add	*7.49*	
		For Aluminum, Add	*0.42*	
		For Galvanized Steel, Add	*1.45*	
		For 304 Stainless Steel, Add	*6.67*	
05 12 23 00-0499	LF	2-1/2" x 2" x 3/16" Angle Iron	6.83	3.14
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.49*	
		For >500 To 1000, Deduct	*-0.76*	
		For >1000, Deduct	*-1.04*	
		For 316 Stainless Steel, Add	*8.45*	
		For Aluminum, Add	*0.48*	
		For Galvanized Steel, Add	*1.64*	
		For 304 Stainless Steel, Add	*7.52*	
05 12 23 00-0500	LF	2-1/2" x 2-1/2" x 3/16" Angle Iron	7.44	3.36
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.52*	
		For >500 To 1000, Deduct	*-0.82*	
		For >1000, Deduct	*-1.12*	
		For 316 Stainless Steel, Add	*9.47*	
		For Aluminum, Add	*0.53*	
		For Galvanized Steel, Add	*1.84*	
		For 304 Stainless Steel, Add	*8.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0501	LF	3" x 2" x 3/16" Angle Iron	7.43	3.36
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.52*	
		For >500 To 1000, Deduct	*-0.82*	
		For >1000, Deduct	*-1.12*	
		For 316 Stainless Steel, Add	*9.44*	
		For Aluminum, Add	*0.53*	
		For Galvanized Steel, Add	*1.83*	
		For 304 Stainless Steel, Add	*8.41*	
05 12 23 00-0502	LF	3" x 2-1/2" x 3/16" Angle Iron	8.21	3.71
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.58*	
		For >500 To 1000, Deduct	*-0.91*	
		For >1000, Deduct	*-1.23*	
		For 316 Stainless Steel, Add	*10.43*	
		For Aluminum, Add	*0.59*	
		For Galvanized Steel, Add	*2.02*	
		For 304 Stainless Steel, Add	*9.29*	
05 12 23 00-0503	LF	3" x 3" x 3/16" Angle Iron	8.97	4.07
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.63*	
		For >500 To 1000, Deduct	*-0.99*	
		For >1000, Deduct	*-1.35*	
		For 316 Stainless Steel, Add	*11.39*	
		For Aluminum, Add	*0.64*	
		For Galvanized Steel, Add	*2.21*	
		For 304 Stainless Steel, Add	*10.15*	

05 12 23 00-0504 1/4" Thick *(05 12 23 00-0483)*

05 12 23 00-0505	LF	1-1/2" x 1" x 1/4" Angle Iron	5.41	2.70
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.40*	
		For >500 To 1000, Deduct	*-0.63*	
		For >1000, Deduct	*-0.85*	
		For 316 Stainless Steel, Add	*5.82*	
		For Aluminum, Add	*0.33*	
		For Galvanized Steel, Add	*1.13*	
		For 304 Stainless Steel, Add	*5.19*	
05 12 23 00-0506	LF	1-1/2" x 1-1/2" x 1/4" Angle Iron	6.06	2.88
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 1000, Deduct	*-0.69*	
		For >1000, Deduct	*-0.93*	
		For 316 Stainless Steel, Add	*7.10*	
		For Aluminum, Add	*0.40*	
		For Galvanized Steel, Add	*1.38*	
		For 304 Stainless Steel, Add	*6.33*	
05 12 23 00-0507	LF	2" x 2" x 1/4" Angle Iron	7.16	3.07
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.49*	
		For >500 To 1000, Deduct	*-0.77*	
		For >1000, Deduct	*-1.05*	
		For 316 Stainless Steel, Add	*9.79*	
		For Aluminum, Add	*0.55*	
		For Galvanized Steel, Add	*1.90*	
		For 304 Stainless Steel, Add	*8.72*	
05 12 23 00-0508	LF	2-1/2" x 2" x 1/4" Angle Iron	8.02	3.40
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.54*	
		For >500 To 1000, Deduct	*-0.86*	
		For >1000, Deduct	*-1.17*	
		For 316 Stainless Steel, Add	*11.14*	
		For Aluminum, Add	*0.63*	
		For Galvanized Steel, Add	*2.16*	
		For 304 Stainless Steel, Add	*9.92*	
05 12 23 00-0509	LF	2-1/2" x 2-1/2" x 1/4" Angle Iron	8.91	3.73
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.60*	
		For >500 To 1000, Deduct	*-0.94*	
		For >1000, Deduct	*-1.29*	
		For 316 Stainless Steel, Add	*12.58*	
		For Aluminum, Add	*0.71*	
		For Galvanized Steel, Add	*2.44*	
		For 304 Stainless Steel, Add	*11.20*	
05 12 23 00-0510	LF	3" x 2" x 1/4" Angle Iron	8.91	3.73
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.60*	
		For >500 To 1000, Deduct	*-0.94*	
		For >1000, Deduct	*-1.29*	
		For 316 Stainless Steel, Add	*12.58*	
		For Aluminum, Add	*0.71*	
		For Galvanized Steel, Add	*2.44*	
		For 304 Stainless Steel, Add	*11.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0511	LF	3" x 2-1/2" x 1/4" Angle Iron	9.85	4.15
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1000, Deduct	*-1.05*	
		For >1000, Deduct	*-1.43*	
		For 316 Stainless Steel, Add	*13.82*	
		For Aluminum, Add	*0.78*	
		For Galvanized Steel, Add	*2.68*	
		For 304 Stainless Steel, Add	*12.31*	
05 12 23 00-0512	LF	3" x 3" x 1/4" Angle Iron	10.76	4.55
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 1000, Deduct	*-1.15*	
		For >1000, Deduct	*-1.57*	
		For 316 Stainless Steel, Add	*15.01*	
		For Aluminum, Add	*0.84*	
		For Galvanized Steel, Add	*2.91*	
		For 304 Stainless Steel, Add	*13.37*	
05 12 23 00-0513	LF	3-1/2" x 3" x 1/4" Angle Iron	11.69	4.89
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.78*	
		For >500 To 1000, Deduct	*-1.24*	
		For >1000, Deduct	*-1.69*	
		For 316 Stainless Steel, Add	*16.54*	
		For Aluminum, Add	*0.93*	
		For Galvanized Steel, Add	*3.21*	
		For 304 Stainless Steel, Add	*14.73*	
05 12 23 00-0514	LF	3-1/2" x 3-1/2" x 1/4" Angle Iron	12.38	0.51
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.82*	
		For >500 To 1000, Deduct	*-1.30*	
		For >1000, Deduct	*-1.78*	
		For 316 Stainless Steel, Add	*17.82*	
		For Aluminum, Add	*1.00*	
		For Galvanized Steel, Add	*3.45*	
		For 304 Stainless Steel, Add	*15.87*	
05 12 23 00-0515	LF	4" x 3" x 1/4" Angle Iron	12.38	5.11
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.82*	
		For >500 To 1000, Deduct	*-1.30*	
		For >1000, Deduct	*-1.78*	
		For 316 Stainless Steel, Add	*17.82*	
		For Aluminum, Add	*1.00*	
		For Galvanized Steel, Add	*3.45*	
		For 304 Stainless Steel, Add	*15.87*	
05 12 23 00-0516	LF	4" x 3-1/2" x 1/4" Angle Iron	13.05	5.32
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.86*	
		For >500 To 1000, Deduct	*-1.36*	
		For >1000, Deduct	*-1.87*	
		For 316 Stainless Steel, Add	*19.01*	
		For Aluminum, Add	*1.07*	
		For Galvanized Steel, Add	*3.68*	
		For 304 Stainless Steel, Add	*16.93*	
05 12 23 00-0517	LF	4" x 4" x 1/4" Angle Iron	13.75	5.56
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.90*	
		For >500 To 1000, Deduct	*-1.43*	
		For >1000, Deduct	*-1.96*	
		For 316 Stainless Steel, Add	*20.29*	
		For Aluminum, Add	*1.14*	
		For Galvanized Steel, Add	*3.93*	
		For 304 Stainless Steel, Add	*18.07*	
05 12 23 00-0518	LF	5" x 3" x 1/4" Angle Iron	13.75	5.56
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.90*	
		For >500 To 1000, Deduct	*-1.43*	
		For >1000, Deduct	*-1.96*	
		For 316 Stainless Steel, Add	*20.29*	
		For Aluminum, Add	*1.14*	
		For Galvanized Steel, Add	*3.93*	
		For 304 Stainless Steel, Add	*18.07*	
05 12 23 00-0519	LF	5" x 3-1/2" x 1/4" Angle Iron	14.52	5.86
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-0.95*	
		For >500 To 1000, Deduct	*-1.51*	
		For >1000, Deduct	*-2.07*	
		For 316 Stainless Steel, Add	*21.47*	
		For Aluminum, Add	*1.21*	
		For Galvanized Steel, Add	*4.16*	
		For 304 Stainless Steel, Add	*19.12*	

05 12 23 00-0520 5/16" Thick *(05 12 23 00-0483)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0521	LF	2-1/2" x 2" x 5/16" Angle Iron	9.59	3.96
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.64*	
		For >500 To 1000, Deduct	*-1.01*	
		For >1000, Deduct	*-1.38*	
		For 316 Stainless Steel, Add	*13.82*	
		For Aluminum, Add	*0.78*	
		For Galvanized Steel, Add	*2.68*	
		For 304 Stainless Steel, Add	*12.31*	
05 12 23 00-0522	LF	2-1/2" x 2-1/2" x 5/16" Angle Iron	10.40	4.20
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.68*	
		For >500 To 1000, Deduct	*-1.08*	
		For >1000, Deduct	*-1.48*	
		For 316 Stainless Steel, Add	*15.36*	
		For Aluminum, Add	*0.86*	
		For Galvanized Steel, Add	*2.98*	
		For 304 Stainless Steel, Add	*13.68*	
05 12 23 00-0523	LF	3" x 2" x 5/16" Angle Iron	10.40	4.20
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.68*	
		For >500 To 1000, Deduct	*-1.08*	
		For >1000, Deduct	*-1.48*	
		For 316 Stainless Steel, Add	*15.36*	
		For Aluminum, Add	*0.86*	
		For Galvanized Steel, Add	*2.98*	
		For 304 Stainless Steel, Add	*13.68*	
05 12 23 00-0524	LF	3" x 2-1/2" x 5/16" Angle Iron	11.51	4.60
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.75*	
		For >500 To 1000, Deduct	*-1.19*	
		For >1000, Deduct	*-1.63*	
		For 316 Stainless Steel, Add	*17.22*	
		For Aluminum, Add	*0.97*	
		For Galvanized Steel, Add	*3.34*	
		For 304 Stainless Steel, Add	*15.33*	
05 12 23 00-0525	LF	3" x 3" x 5/16" Angle Iron	12.52	5.00
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.81*	
		For >500 To 1000, Deduct	*-1.29*	
		For >1000, Deduct	*-1.77*	
		For 316 Stainless Steel, Add	*18.75*	
		For Aluminum, Add	*1.05*	
		For Galvanized Steel, Add	*3.63*	
		For 304 Stainless Steel, Add	*16.70*	
05 12 23 00-0526	LF	3-1/2" x 3" x 5/16" Angle Iron	13.34	5.25
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.86*	
		For >500 To 1000, Deduct	*-1.37*	
		For >1000, Deduct	*-1.88*	
		For 316 Stainless Steel, Add	*20.29*	
		For Aluminum, Add	*1.14*	
		For Galvanized Steel, Add	*3.93*	
		For 304 Stainless Steel, Add	*18.07*	
05 12 23 00-0527	LF	3-1/2" x 3-1/2" x 5/16" Angle Iron	14.25	5.52
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-0.91*	
		For >500 To 1000, Deduct	*-1.45*	
		For >1000, Deduct	*-1.99*	
		For 316 Stainless Steel, Add	*22.08*	
		For Aluminum, Add	*1.24*	
		For Galvanized Steel, Add	*4.28*	
		For 304 Stainless Steel, Add	*19.67*	
05 12 23 00-0528	LF	4" x 3" x 5/16" Angle Iron	14.25	5.52
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-0.91*	
		For >500 To 1000, Deduct	*-1.45*	
		For >1000, Deduct	*-1.99*	
		For 316 Stainless Steel, Add	*22.08*	
		For Aluminum, Add	*1.24*	
		For Galvanized Steel, Add	*4.28*	
		For 304 Stainless Steel, Add	*19.67*	
05 12 23 00-0529	LF	4" x 3-1/2" x 5/16" Angle Iron	15.15	5.83
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-0.96*	
		For >500 To 1000, Deduct	*-1.53*	
		For >1000, Deduct	*-2.11*	
		For 316 Stainless Steel, Add	*23.62*	
		For Aluminum, Add	*1.33*	
		For Galvanized Steel, Add	*4.58*	
		For 304 Stainless Steel, Add	*21.03*	
05 12 23 00-0530	LF	4" x 4" x 5/16" Angle Iron	16.00	6.09
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.01*	
		For >500 To 1000, Deduct	*-1.61*	
		For >1000, Deduct	*-2.22*	
		For 316 Stainless Steel, Add	*25.22*	
		For Aluminum, Add	*1.42*	
		For Galvanized Steel, Add	*4.89*	
		For 304 Stainless Steel, Add	*22.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0531	LF	5" x 3" x 5/16" Angle Iron	16.00	6.09
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.01*	
		For >500 To 1000, Deduct	*-1.61*	
		For >1000, Deduct	*-2.22*	
		For 316 Stainless Steel, Add	*25.22*	
		For Aluminum, Add	*1.42*	
		For Galvanized Steel, Add	*4.89*	
		For 304 Stainless Steel, Add	*22.46*	
05 12 23 00-0532	LF	5" x 3-1/2" x 5/16" Angle Iron	16.78	6.34
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-1.05*	
		For >500 To 1000, Deduct	*-1.68*	
		For >1000, Deduct	*-2.31*	
		For 316 Stainless Steel, Add	*26.66*	
		For Aluminum, Add	*1.50*	
		For Galvanized Steel, Add	*5.16*	
		For 304 Stainless Steel, Add	*23.74*	
05 12 23 00-0533	LF	5" x 5" x 5/16" Angle Iron	18.71	6.61
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.13*	
		For >500 To 1000, Deduct	*-1.82*	
		For >1000, Deduct	*-2.51*	
		For 316 Stainless Steel, Add	*31.65*	
		For Aluminum, Add	*1.78*	
		For Galvanized Steel, Add	*6.13*	
		For 304 Stainless Steel, Add	*28.19*	
05 12 23 00-0534	LF	6" x 3-1/2" x 5/16" Angle Iron	18.02	6.47
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.10*	
		For >500 To 1000, Deduct	*-1.76*	
		For >1000, Deduct	*-2.43*	
		For 316 Stainless Steel, Add	*30.05*	
		For Aluminum, Add	*1.69*	
		For Galvanized Steel, Add	*5.82*	
		For 304 Stainless Steel, Add	*26.76*	

05 12 23 00-0535 3/8" Thick *(05 12 23 00-0483)*

05 12 23 00-0536	LF	3" x 2" x 3/8" Angle Iron	11.51	4.39
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.73*	
		For >500 To 1000, Deduct	*-1.16*	
		For >1000, Deduct	*-1.60*	
		For 316 Stainless Steel, Add	*18.08*	
		For Aluminum, Add	*1.02*	
		For Galvanized Steel, Add	*3.50*	
		For 304 Stainless Steel, Add	*16.10*	
05 12 23 00-0537	LF	3" x 2-1/2" x 3/8" Angle Iron	12.68	4.76
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.79*	
		For >500 To 1000, Deduct	*-1.27*	
		For >1000, Deduct	*-1.74*	
		For 316 Stainless Steel, Add	*20.29*	
		For Aluminum, Add	*1.14*	
		For Galvanized Steel, Add	*3.93*	
		For 304 Stainless Steel, Add	*18.07*	
05 12 23 00-0538	LF	3" x 3" x 3/8" Angle Iron	13.73	5.12
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.86*	
		For >500 To 1000, Deduct	*-1.37*	
		For >1000, Deduct	*-1.88*	
		For 316 Stainless Steel, Add	*22.08*	
		For Aluminum, Add	*1.24*	
		For Galvanized Steel, Add	*4.28*	
		For 304 Stainless Steel, Add	*19.67*	
05 12 23 00-0539	LF	3-1/2" x 3" x 3/8" Angle Iron	14.60	5.26
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.89*	
		For >500 To 1000, Deduct	*-1.43*	
		For >1000, Deduct	*-1.97*	
		For 316 Stainless Steel, Add	*24.29*	
		For Aluminum, Add	*1.37*	
		For Galvanized Steel, Add	*4.71*	
		For 304 Stainless Steel, Add	*21.63*	
05 12 23 00-0540	LF	3-1/2" x 3-1/2" x 3/8" Angle Iron	15.54	5.56
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.94*	
		For >500 To 1000, Deduct	*-1.52*	
		For >1000, Deduct	*-2.09*	
		For 316 Stainless Steel, Add	*26.05*	
		For Aluminum, Add	*1.47*	
		For Galvanized Steel, Add	*5.05*	
		For 304 Stainless Steel, Add	*23.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0541	LF	4" x 3" x 3/8" Angle Iron	15.54	5.56
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.94*	
		For >500 To 1000, Deduct	*-1.52*	
		For >1000, Deduct	*-2.09*	
		For 316 Stainless Steel, Add	*26.05*	
		For Aluminum, Add	*1.47*	
		For Galvanized Steel, Add	*5.05*	
		For 304 Stainless Steel, Add	*23.20*	
05 12 23 00-0542	LF	4" x 3-1/2" x 3/8" Angle Iron	16.78	6.05
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.02*	
		For >500 To 1000, Deduct	*-1.65*	
		For >1000, Deduct	*-2.27*	
		For 316 Stainless Steel, Add	*27.90*	
		For Aluminum, Add	*1.57*	
		For Galvanized Steel, Add	*5.41*	
		For 304 Stainless Steel, Add	*24.85*	
05 12 23 00-0543	LF	4" x 4" x 3/8" Angle Iron	17.69	6.22
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.06*	
		For >500 To 1000, Deduct	*-1.71*	
		For >1000, Deduct	*-2.36*	
		For 316 Stainless Steel, Add	*30.05*	
		For Aluminum, Add	*1.69*	
		For Galvanized Steel, Add	*5.82*	
		For 304 Stainless Steel, Add	*26.76*	
05 12 23 00-0544	LF	5" x 3" x 3/8" Angle Iron	18.02	6.47
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.10*	
		For >500 To 1000, Deduct	*-1.76*	
		For >1000, Deduct	*-2.43*	
		For 316 Stainless Steel, Add	*30.05*	
		For Aluminum, Add	*1.69*	
		For Galvanized Steel, Add	*5.82*	
		For 304 Stainless Steel, Add	*26.76*	
05 12 23 00-0545	LF	5" x 3-1/2" x 3/8" Angle Iron	19.26	6.97
		For >100 To 250, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-1.18*	
		For >500 To 1000, Deduct	*-1.89*	
		For >1000, Deduct	*-2.61*	
		For 316 Stainless Steel, Add	*31.87*	
		For Aluminum, Add	*1.79*	
		For Galvanized Steel, Add	*6.18*	
		For 304 Stainless Steel, Add	*28.39*	
05 12 23 00-0546	LF	5" x 5" x 3/8" Angle Iron	22.65	8.13
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.38*	
		For >500 To 1000, Deduct	*-2.22*	
		For >1000, Deduct	*-3.05*	
		For 316 Stainless Steel, Add	*37.79*	
		For Aluminum, Add	*2.13*	
		For Galvanized Steel, Add	*7.32*	
		For 304 Stainless Steel, Add	*33.66*	
05 12 23 00-0547	LF	6" x 3-1/2" x 3/8" Angle Iron	21.28	7.56
		For >100 To 250, Deduct	*-0.76*	
		For >250 To 500, Deduct	*-1.29*	
		For >500 To 1000, Deduct	*-2.07*	
		For >1000, Deduct	*-2.85*	
		For 316 Stainless Steel, Add	*35.87*	
		For Aluminum, Add	*2.02*	
		For Galvanized Steel, Add	*6.95*	
		For 304 Stainless Steel, Add	*31.95*	
05 12 23 00-0548	LF	6" x 4" x 3/8" Angle Iron	22.65	8.13
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.38*	
		For >500 To 1000, Deduct	*-2.22*	
		For >1000, Deduct	*-3.05*	
		For 316 Stainless Steel, Add	*37.79*	
		For Aluminum, Add	*2.13*	
		For Galvanized Steel, Add	*7.32*	
		For 304 Stainless Steel, Add	*33.66*	

05 12 23 00-0549 1/2" Thick *(05 12 23 00-0483)*

05 12 23 00-0550	LF	4" x 3" x 1/2" Angle Iron	18.90	6.18
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.09*	
		For >500 To 1000, Deduct	*-1.77*	
		For >1000, Deduct	*-2.45*	
		For 316 Stainless Steel, Add	*34.11*	
		For Aluminum, Add	*1.92*	
		For Galvanized Steel, Add	*6.61*	
		For 304 Stainless Steel, Add	*30.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0551	LF	4" x 3-1/2" x 1/2" Angle Iron	20.27	6.62
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.17*	
		For >500 To 1000, Deduct	*-1.90*	
		For >1000, Deduct	*-2.63*	
		For 316 Stainless Steel, Add	*36.58*	
		For Aluminum, Add	*2.06*	
		For Galvanized Steel, Add	*7.09*	
		For 304 Stainless Steel, Add	*32.58*	
05 12 23 00-0552	LF	4" x 4" x 1/2" Angle Iron	21.79	7.13
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.26*	
		For >500 To 1000, Deduct	*-2.04*	
		For >1000, Deduct	*-2.82*	
		For 316 Stainless Steel, Add	*39.33*	
		For Aluminum, Add	*2.21*	
		For Galvanized Steel, Add	*7.62*	
		For 304 Stainless Steel, Add	*35.03*	
05 12 23 00-0553	LF	5" x 3" x 1/2" Angle Iron	21.79	7.13
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.26*	
		For >500 To 1000, Deduct	*-2.04*	
		For >1000, Deduct	*-2.82*	
		For 316 Stainless Steel, Add	*39.33*	
		For Aluminum, Add	*2.21*	
		For Galvanized Steel, Add	*7.62*	
		For 304 Stainless Steel, Add	*35.03*	
05 12 23 00-0554	LF	5" x 3-1/2" x 1/2" Angle Iron	23.15	7.57
		For >100 To 250, Deduct	*-0.76*	
		For >250 To 500, Deduct	*-1.34*	
		For >500 To 1000, Deduct	*-2.17*	
		For >1000, Deduct	*-3.00*	
		For 316 Stainless Steel, Add	*41.79*	
		For Aluminum, Add	*2.35*	
		For Galvanized Steel, Add	*8.10*	
		For 304 Stainless Steel, Add	*37.22*	
05 12 23 00-0555	LF	5" x 5" x 1/2" Angle Iron	27.59	9.02
		For >100 To 250, Deduct	*-0.90*	
		For >250 To 500, Deduct	*-1.59*	
		For >500 To 1000, Deduct	*-2.58*	
		For >1000, Deduct	*-3.57*	
		For 316 Stainless Steel, Add	*49.79*	
		For Aluminum, Add	*2.80*	
		For Galvanized Steel, Add	*9.65*	
		For 304 Stainless Steel, Add	*44.35*	
05 12 23 00-0556	LF	6" x 4" x 1/2" Angle Iron	27.59	9.02
		For >100 To 250, Deduct	*-0.90*	
		For >250 To 500, Deduct	*-1.59*	
		For >500 To 1000, Deduct	*-2.58*	
		For >1000, Deduct	*-3.57*	
		For 316 Stainless Steel, Add	*49.79*	
		For Aluminum, Add	*2.80*	
		For Galvanized Steel, Add	*9.65*	
		For 304 Stainless Steel, Add	*44.35*	

05 12 23 00-0557 Flat Steel Bar *(05 12 23 00-0146)*

05 12 23 00-0558 1/8" Thick *(05 12 23 00-0557)*

05 12 23 00-0559	LF	1/8" Thick x 1" Wide Flat Steel Bar	2.45	1.22
		For 316 Stainless Steel, Add	*2.02*	
		For Aluminum, Add	*0.11*	
		For Galvanized Steel, Add	*0.39*	
		For 304 Stainless Steel, Add	*1.80*	
05 12 23 00-0560	LF	1/8" Thick x 2" Wide Flat Steel Bar	3.78	1.82
		For 316 Stainless Steel, Add	*3.36*	
		For Aluminum, Add	*0.19*	
		For Galvanized Steel, Add	*0.65*	
		For 304 Stainless Steel, Add	*2.99*	
05 12 23 00-0561	LF	1/8" Thick x 4" Wide Flat Steel Bar	5.76	2.57
		For 316 Stainless Steel, Add	*6.11*	
		For Aluminum, Add	*0.34*	
		For Galvanized Steel, Add	*1.18*	
		For 304 Stainless Steel, Add	*5.44*	
05 12 23 00-0562	LF	1/8" Thick x 6" Wide Flat Steel Bar	7.81	3.48
		For 316 Stainless Steel, Add	*8.26*	
		For Aluminum, Add	*0.46*	
		For Galvanized Steel, Add	*1.60*	
		For 304 Stainless Steel, Add	*7.35*	

05 12 23 00-0563 3/16" Thick *(05 12 23 00-0557)*

05 12 23 00-0564	LF	3/16" Thick x 1" Wide Flat Steel Bar	3.22	1.51
		For 316 Stainless Steel, Add	*3.07*	
		For Aluminum, Add	*0.17*	
		For Galvanized Steel, Add	*0.60*	
		For 304 Stainless Steel, Add	*2.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0565	LF	3/16" Thick x 2" Wide Flat Steel Bar	5.06	2.26
		For 316 Stainless Steel, Add	*5.31*	
		For Aluminum, Add	*0.30*	
		For Galvanized Steel, Add	*1.03*	
		For 304 Stainless Steel, Add	*4.73*	
05 12 23 00-0566	LF	3/16" Thick x 4" Wide Flat Steel Bar	6.70	2.61
		For 316 Stainless Steel, Add	*8.96*	
		For Aluminum, Add	*0.50*	
		For Galvanized Steel, Add	*1.74*	
		For 304 Stainless Steel, Add	*7.98*	
05 12 23 00-0567	LF	3/16" Thick x 6" Wide Flat Steel Bar	9.28	3.60
		For 316 Stainless Steel, Add	*12.38*	
		For Aluminum, Add	*0.70*	
		For Galvanized Steel, Add	*2.40*	
		For 304 Stainless Steel, Add	*11.03*	

05 12 23 00-0568 1/4" Thick *(05 12 23 00-0557)*

05 12 23 00-0569	LF	1/4" Thick x 1" Wide Flat Steel Bar	3.35	1.60
		For 316 Stainless Steel, Add	*3.04*	
		For Aluminum, Add	*0.17*	
		For Galvanized Steel, Add	*0.59*	
		For 304 Stainless Steel, Add	*2.71*	
05 12 23 00-0570	LF	1/4" Thick x 2" Wide Flat Steel Bar	5.51	2.40
		For 316 Stainless Steel, Add	*6.14*	
		For Aluminum, Add	*0.35*	
		For Galvanized Steel, Add	*1.19*	
		For 304 Stainless Steel, Add	*5.47*	
05 12 23 00-0571	LF	1/4" Thick x 4" Wide Flat Steel Bar	7.83	2.73
		For 316 Stainless Steel, Add	*11.90*	
		For Aluminum, Add	*0.67*	
		For Galvanized Steel, Add	*2.31*	
		For 304 Stainless Steel, Add	*10.60*	
05 12 23 00-0572	LF	1/4" Thick x 6" Wide Flat Steel Bar	11.34	4.05
		For 316 Stainless Steel, Add	*16.86*	
		For Aluminum, Add	*0.95*	
		For Galvanized Steel, Add	*3.27*	
		For 304 Stainless Steel, Add	*15.02*	

05 12 23 00-0573 3/8" Thick *(05 12 23 00-0557)*

05 12 23 00-0574	LF	3/8" Thick x 1" Wide Flat Steel Bar	4.19	1.79
		For 316 Stainless Steel, Add	*4.77*	
		For Aluminum, Add	*0.27*	
		For Galvanized Steel, Add	*0.92*	
		For 304 Stainless Steel, Add	*4.25*	
05 12 23 00-0575	LF	3/8" Thick x 2" Wide Flat Steel Bar	6.80	2.69
		For 316 Stainless Steel, Add	*8.80*	
		For Aluminum, Add	*0.50*	
		For Galvanized Steel, Add	*1.71*	
		For 304 Stainless Steel, Add	*7.84*	
05 12 23 00-0576	LF	3/8" Thick x 4" Wide Flat Steel Bar	10.11	3.07
		For 316 Stainless Steel, Add	*17.60*	
		For Aluminum, Add	*0.99*	
		For Galvanized Steel, Add	*3.41*	
		For 304 Stainless Steel, Add	*15.68*	
05 12 23 00-0577	LF	3/8" Thick x 6" Wide Flat Steel Bar	14.57	4.55
		For 316 Stainless Steel, Add	*24.77*	
		For Aluminum, Add	*1.39*	
		For Galvanized Steel, Add	*4.80*	
		For 304 Stainless Steel, Add	*22.06*	

05 12 23 00-0578 1/2" Thick *(05 12 23 00-0557)*

05 12 23 00-0579	LF	1/2" Thick x 1" Wide Flat Steel Bar	4.88	1.97
		For 316 Stainless Steel, Add	*6.11*	
		For Aluminum, Add	*0.34*	
		For Galvanized Steel, Add	*1.18*	
		For 304 Stainless Steel, Add	*5.44*	
05 12 23 00-0580	LF	1/2" Thick x 2" Wide Flat Steel Bar	7.96	2.97
		For 316 Stainless Steel, Add	*11.23*	
		For Aluminum, Add	*0.63*	
		For Galvanized Steel, Add	*2.18*	
		For 304 Stainless Steel, Add	*10.00*	
05 12 23 00-0581	LF	1/2" Thick x 4" Wide Flat Steel Bar	11.05	3.37
		For 316 Stainless Steel, Add	*19.14*	
		For Aluminum, Add	*1.08*	
		For Galvanized Steel, Add	*3.71*	
		For 304 Stainless Steel, Add	*17.04*	
05 12 23 00-0582	LF	1/2" Thick x 6" Wide Flat Steel Bar	19.44	5.00
		For 316 Stainless Steel, Add	*38.18*	
		For Aluminum, Add	*2.15*	
		For Galvanized Steel, Add	*7.40*	
		For 304 Stainless Steel, Add	*34.00*	

05 12 23 00-0583 Flat Steel Plate *(05 12 23 00-0146)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0584	SF	1/8" Thick Flat Steel Plate	12.35	5.23
		For 316 Stainless Steel, Add	*14.40*	
		For Aluminum, Add	*0.81*	
		For Galvanized Steel, Add	*2.79*	
		For 304 Stainless Steel, Add	*12.83*	
05 12 23 00-0585	SF	3/16" Thick Flat Steel Plate	13.75	5.41
		For 316 Stainless Steel, Add	*18.02*	
		For Aluminum, Add	*1.01*	
		For Galvanized Steel, Add	*3.49*	
		For 304 Stainless Steel, Add	*16.05*	
05 12 23 00-0586	SF	1/4" Thick Flat Steel Plate	16.29	6.06
		For 316 Stainless Steel, Add	*22.98*	
		For Aluminum, Add	*1.29*	
		For Galvanized Steel, Add	*4.45*	
		For 304 Stainless Steel, Add	*20.46*	
05 12 23 00-0587	SF	3/8" Thick Flat Steel Plate	21.52	6.82
		For 316 Stainless Steel, Add	*36.06*	
		For Aluminum, Add	*2.03*	
		For Galvanized Steel, Add	*6.99*	
		For 304 Stainless Steel, Add	*32.12*	
05 12 23 00-0588	SF	1/2" Thick Flat Steel Plate	25.30	7.50
		For 316 Stainless Steel, Add	*44.93*	
		For Aluminum, Add	*2.53*	
		For Galvanized Steel, Add	*8.70*	
		For 304 Stainless Steel, Add	*40.01*	

05 14 Structural Aluminum Framing *(05 10)*

05 14 16 Structural Aluminum Framing *(05 14)*

05 14 16 00-0001 Rolled Or Plate Shapes *(05 14 16)*

Note: 1" through 10" member.

05 14 16 00-0002	LB	Structural Aluminum, 0-2000# / Order 1"-10" Rolled / Plate Structural Members	7.63	4.03
05 14 16 00-0003	LB	Structural Aluminum, 2000-9999# / Order 1"-10" Rolled / Plate Structural Members	7.38	2.71

05 14 16 00-0004 Aluminum Extrusions *(05 14 16)*

05 14 16 00-0005	LB	Aluminum Extrusions, Stock Shapes 1"-10" Rolled / Plate Structural Members	6.82	2.71
05 14 16 00-0006	LB	Aluminum Extrusions, Custom Shapes 1"-10" Rolled / Plate Structural Members	7.05	2.71

05 14 16 00-0007 Aluminum Tubing *(05 14 16)*

05 14 16 00-0008	LB	Aluminum Extrusions, Tubular Shapes 1"-10" Rolled / Plate Structural Members	8.21	2.95
05 14 16 00-0009	LF	1" x 1" Aluminum Tubing, 1/8" Wall Thickness	10.76	4.77
05 14 16 00-0010	LF	1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness	12.11	5.20
05 14 16 00-0011	LF	1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness	14.06	6.07
05 14 16 00-0012	LF	2" x 2" Aluminum Tubing, 1/8" Wall Thickness	15.57	6.50
05 14 16 00-0013	LF	4" x 4" Aluminum Tubing, 1/4" Wall Thickness	28.28	8.24
05 14 16 00-0014	LF	2" x 5" Aluminum Tubing, 1/4" Wall Thickness	24.15	7.37

05 14 16 00-0015 Columns *(05 14 16)*

Note: Baked on paint finish, load bearing.

05 14 16 00-0016 Round Columns *(05 14 16 00-0015)*

05 14 16 00-0017	LF	6" Diameter Aluminum Column	22.09	5.65
05 14 16 00-0018	LF	8" Diameter Aluminum Column	29.33	8.09
05 14 16 00-0019	LF	10" Diameter Aluminum Column	34.77	9.10
05 14 16 00-0020	LF	12" Diameter Aluminum Column	46.79	9.52
05 14 16 00-0021	LF	15" Diameter Aluminum Column	58.29	11.05
05 14 16 00-0022	EA	6" Diameter Aluminum Base And Cap	41.15	10.54
05 14 16 00-0023	EA	8" Diameter Aluminum Base And Cap	46.22	11.38
05 14 16 00-0024	EA	10" Diameter Aluminum Base And Cap	56.13	12.64
05 14 16 00-0025	EA	12" Diameter Aluminum Base And Cap	86.24	13.49
05 14 16 00-0026	EA	15" Diameter Aluminum Base And Cap	124.44	14.75

05 14 16 00-0027 Octagonal Columns *(05 14 16 00-0015)*

05 14 16 00-0028	LF	6" Diameter Aluminum Column	23.03	5.65
05 14 16 00-0029	LF	8" Diameter Aluminum Column	31.96	8.09
05 14 16 00-0030	LF	10" Diameter Aluminum Column	38.08	9.10
05 14 16 00-0031	LF	12" Diameter Aluminum Column	52.35	9.52
05 14 16 00-0032	LF	15" Diameter Aluminum Column	65.55	11.05
05 14 16 00-0033	EA	6" Diameter Aluminum Base And Cap	45.16	10.54
05 14 16 00-0034	EA	8" Diameter Aluminum Base And Cap	50.92	11.38
05 14 16 00-0035	EA	10" Diameter Aluminum Base And Cap	62.30	12.64
05 14 16 00-0036	EA	12" Diameter Aluminum Base And Cap	98.10	13.49
05 14 16 00-0037	EA	15" Diameter Aluminum Base And Cap	143.43	14.75

05 14 16 00-0038 Fluted Columns *(05 14 16 00-0015)*

05 14 16 00-0039	LF	6" Diameter Aluminum Column	24.80	5.65
05 14 16 00-0040	LF	8" Diameter Aluminum Column	34.32	8.09
05 14 16 00-0041	LF	10" Diameter Aluminum Column	41.07	9.10
05 14 16 00-0042	LF	12" Diameter Aluminum Column	57.36	9.52
05 14 16 00-0043	LF	15" Diameter Aluminum Column	72.08	11.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 14 16 00-0044	EA	6" Diameter Aluminum Base And Cap	48.78	10.54
05 14 16 00-0045	EA	8" Diameter Aluminum Base And Cap	55.14	11.38
05 14 16 00-0046	EA	10" Diameter Aluminum Base And Cap	67.85	12.64
05 14 16 00-0047	EA	12" Diameter Aluminum Base And Cap	108.76	13.49
05 14 16 00-0048	EA	15" Diameter Aluminum Base And Cap	160.52	14.75

05 14 16 00-0049 Square Columns *(05 14 16 00-0015)*

05 14 16 00-0050	LF	6" Aluminum Column	26.02	5.65
05 14 16 00-0051	LF	8" Aluminum Column	35.93	8.09
05 14 16 00-0052	LF	10" Aluminum Column	43.11	9.10
05 14 16 00-0053	LF	12" Aluminum Column	60.78	9.52
05 14 16 00-0054	LF	15" Aluminum Column	76.55	11.05
05 14 16 00-0055	EA	6" Aluminum Base And Cap	51.25	10.54
05 14 16 00-0056	EA	8" Aluminum Base And Cap	58.03	11.38
05 14 16 00-0057	EA	10" Aluminum Base And Cap	71.65	12.64
05 14 16 00-0058	EA	12" Aluminum Base And Cap	116.06	13.49
05 14 16 00-0059	EA	15" Aluminum Base And Cap	172.21	14.75

05 14 16 00-0060 Ornamental Or Decorative Cap And Bases *(05 14 16 00-0015)*

05 14 16 00-0061	EA	8" Corinthian Capital And Base	229.69	12.64
05 14 16 00-0062	EA	10" Corinthian Capital And Base	333.04	14.75
05 14 16 00-0063	EA	12" Corinthian Capital And Base	518.51	16.86
05 14 16 00-0064	EA	8" Scamozzi Capital And Base	122.25	12.64
05 14 16 00-0065	EA	10" Scamozzi Capital And Base	160.96	14.75
05 14 16 00-0066	EA	12" Scamozzi Capital And Base	307.30	16.86

05 15 Wire Rope Assemblies *(05 10)*

05 15 16 Steel Wire Rope Assemblies *(05 15)*

Note: IWRC = Independent Wire Rope Center; IPS = Improved Plow Steel; XIP = Extra Improved Plow Steel.

05 15 16 00-0001 6x7 Class Bright, IPS, Fiber Core *(05 15 16)*

05 15 16 00-0002	LF	1/16" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core	0.31	0.06
		For 7x7 Strand Core, Add	*0.01*	
		For <100, Add	*0.08*	
		For >500 To 1000, Deduct	*-0.02*	
		For >1000 To 2000, Deduct	*-0.02*	
		For >2000, Deduct	*-0.03*	
05 15 16 00-0003	LF	3/32" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core	0.35	0.07
		For 7x7 Strand Core, Add	*0.01*	
		For <100, Add	*0.09*	
		For >500 To 1000, Deduct	*-0.02*	
		For >1000 To 2000, Deduct	*-0.03*	
		For >2000, Deduct	*-0.04*	
05 15 16 00-0004	LF	1/8" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core	0.47	0.08
		For 7x7 Strand Core, Add	*0.02*	
		For <100, Add	*0.13*	
		For >500 To 1000, Deduct	*-0.02*	
		For >1000 To 2000, Deduct	*-0.04*	
		For >2000, Deduct	*-0.05*	
05 15 16 00-0005	LF	5/32" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core	0.51	0.09
		For 7x7 Strand Core, Add	*0.02*	
		For <100, Add	*0.14*	
		For >500 To 1000, Deduct	*-0.03*	
		For >1000 To 2000, Deduct	*-0.04*	
		For >2000, Deduct	*-0.05*	
05 15 16 00-0006	LF	3/16" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core	0.73	0.09
		For 7x7 Strand Core, Add	*0.03*	
		For <100, Add	*0.21*	
		For >500 To 1000, Deduct	*-0.04*	
		For >1000 To 2000, Deduct	*-0.05*	
		For >2000, Deduct	*-0.07*	
05 15 16 00-0007	LF	1/4" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core	0.95	0.09
		For 7x7 Strand Core, Add	*0.04*	
		For <100, Add	*0.29*	
		For >500 To 1000, Deduct	*-0.05*	
		For >1000 To 2000, Deduct	*-0.07*	
		For >2000, Deduct	*-0.10*	
05 15 16 00-0008	LF	5/16" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core	1.20	0.09
		For 7x7 Strand Core, Add	*0.05*	
		For <100, Add	*0.37*	
		For >500 To 1000, Deduct	*-0.06*	
		For >1000 To 2000, Deduct	*-0.09*	
		For >2000, Deduct	*-0.12*	
05 15 16 00-0009	LF	3/8" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core	1.51	0.09
		For 7x7 Strand Core, Add	*0.06*	
		For <100, Add	*0.46*	
		For >500 To 1000, Deduct	*-0.08*	
		For >1000 To 2000, Deduct	*-0.11*	
		For >2000, Deduct	*-0.15*	
05 15 16 00-0010	LF	7/16" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core	1.87	0.17
		For 7x7 Strand Core, Add	*0.07*	
		For <100, Add	*0.55*	
		For >500 To 1000, Deduct	*-0.09*	
		For >1000 To 2000, Deduct	*-0.14*	
		For >2000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0011	LF	1/2" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core	2.21	0.17
		For 7x7 Strand Core, Add	*0.08*	
		For <100, Add	*0.64*	
		For >500 To 1000, Deduct	*-0.11*	
		For >1000 To 2000, Deduct	*-0.17*	
		For >2000, Deduct	*-0.22*	
05 15 16 00-0012	LF	9/16" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core	2.69	0.26
		For 7x7 Strand Core, Add	*0.09*	
		For <100, Add	*0.77*	
		For >500 To 1000, Deduct	*-0.13*	
		For >1000 To 2000, Deduct	*-0.20*	
		For >2000, Deduct	*-0.27*	
05 15 16 00-0013	LF	5/8" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core	3.09	0.34
		For 7x7 Strand Core, Add	*0.10*	
		For <100, Add	*0.88*	
		For >500 To 1000, Deduct	*-0.15*	
		For >1000 To 2000, Deduct	*-0.23*	
		For >2000, Deduct	*-0.31*	
05 15 16 00-0014	LF	3/4" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core	4.17	0.43
		For 7x7 Strand Core, Add	*0.14*	
		For <100, Add	*1.17*	
		For >500 To 1000, Deduct	*-0.21*	
		For >1000 To 2000, Deduct	*-0.31*	
		For >2000, Deduct	*-0.42*	

05 15 16 00-0015 8x19 Class Bright, IPS, Fiber Core *(05 15 16)*

05 15 16 00-0016	LF	3/16" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	1.05	0.09
		For <100, Add	*0.32*	
		For >500 To 1000, Deduct	*-0.05*	
		For >1000 To 2000, Deduct	*-0.08*	
		For >2000, Deduct	*-0.11*	
05 15 16 00-0017	LF	1/4" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	1.56	0.09
		For <100, Add	*0.50*	
		For >500 To 1000, Deduct	*-0.08*	
		For >1000 To 2000, Deduct	*-0.12*	
		For >2000, Deduct	*-0.16*	
05 15 16 00-0018	LF	5/16" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	1.80	0.09
		For <100, Add	*0.58*	
		For >500 To 1000, Deduct	*-0.09*	
		For >1000 To 2000, Deduct	*-0.14*	
		For >2000, Deduct	*-0.18*	
05 15 16 00-0019	LF	3/8" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	2.10	0.09
		For <100, Add	*0.66*	
		For >500 To 1000, Deduct	*-0.11*	
		For >1000 To 2000, Deduct	*-0.16*	
		For >2000, Deduct	*-0.21*	
05 15 16 00-0020	LF	7/16" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	2.49	0.17
		For <100, Add	*0.77*	
		For >500 To 1000, Deduct	*-0.12*	
		For >1000 To 2000, Deduct	*-0.19*	
		For >2000, Deduct	*-0.25*	
05 15 16 00-0021	LF	1/2" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	2.87	0.17
		For <100, Add	*0.87*	
		For >500 To 1000, Deduct	*-0.14*	
		For >1000 To 2000, Deduct	*-0.22*	
		For >2000, Deduct	*-0.29*	
05 15 16 00-0022	LF	9/16" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	3.39	0.26
		For <100, Add	*1.01*	
		For >500 To 1000, Deduct	*-0.17*	
		For >1000 To 2000, Deduct	*-0.25*	
		For >2000, Deduct	*-0.34*	
05 15 16 00-0023	LF	5/8" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	4.09	0.34
		For <100, Add	*1.22*	
		For >500 To 1000, Deduct	*-0.20*	
		For >1000 To 2000, Deduct	*-0.31*	
		For >2000, Deduct	*-0.41*	
05 15 16 00-0024	LF	3/4" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	5.72	0.43
		For <100, Add	*1.70*	
		For >500 To 1000, Deduct	*-0.29*	
		For >1000 To 2000, Deduct	*-0.43*	
		For >2000, Deduct	*-0.57*	
05 15 16 00-0025	LF	7/8" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	7.61	0.60
		For <100, Add	*2.25*	
		For >500 To 1000, Deduct	*-0.38*	
		For >1000 To 2000, Deduct	*-0.57*	
		For >2000, Deduct	*-0.76*	
05 15 16 00-0026	LF	1" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	9.56	0.87
		For <100, Add	*2.80*	
		For >500 To 1000, Deduct	*-0.48*	
		For >1000 To 2000, Deduct	*-0.72*	
		For >2000, Deduct	*-0.96*	
05 15 16 00-0027	LF	1-1/8" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	7.04	1.04
		For <100, Add	*1.77*	
		For >500 To 1000, Deduct	*-0.35*	
		For >1000 To 2000, Deduct	*-0.53*	
		For >2000, Deduct	*-0.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0028	LF	1-1/4" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	14.45	1.30
		For <100, Add	*4.19*	
		For >500 To 1000, Deduct	*-0.72*	
		For >1000 To 2000, Deduct	*-1.08*	
		For >2000, Deduct	*-1.45*	
05 15 16 00-0029	LF	1-3/8" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	17.36	1.56
		For <100, Add	*5.04*	
		For >500 To 1000, Deduct	*-0.87*	
		For >1000 To 2000, Deduct	*-1.30*	
		For >2000, Deduct	*-1.74*	
05 15 16 00-0030	LF	1-1/2" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	20.65	1.91
		For <100, Add	*5.99*	
		For >500 To 1000, Deduct	*-1.03*	
		For >1000 To 2000, Deduct	*-1.55*	
		For >2000, Deduct	*-2.07*	

05 15 16 00-0031 6x19 Class Bright, IPS, IWRC *(05 15 16)*

05 15 16 00-0032	LF	1/4" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	1.48	0.09
		For <100, Add	*0.48*	
		For >500 To 1000, Deduct	*-0.07*	
		For >1000 To 2000, Deduct	*-0.11*	
		For >2000, Deduct	*-0.15*	
		For 7x19 Strand Core, Add	*0.26*	
		For Heavy Duty IWRC Rating, Add	*0.32*	
		For 7x19 Galvanized, Add	*0.70*	
05 15 16 00-0033	LF	5/16" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	1.75	0.09
		For <100, Add	*0.55*	
		For >500 To 1000, Deduct	*-0.09*	
		For >1000 To 2000, Deduct	*-0.13*	
		For >2000, Deduct	*-0.18*	
		For 7x19 Strand Core, Add	*0.29*	
		For Heavy Duty IWRC Rating, Add	*0.36*	
		For 7x19 Galvanized, Add	*0.79*	
05 15 16 00-0034	LF	3/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	2.11	0.17
		For <100, Add	*0.65*	
		For >500 To 1000, Deduct	*-0.11*	
		For >1000 To 2000, Deduct	*-0.16*	
		For >2000, Deduct	*-0.21*	
		For 7x19 Strand Core, Add	*0.33*	
		For Heavy Duty IWRC Rating, Add	*0.42*	
		For 7x19 Galvanized, Add	*0.91*	
05 15 16 00-0035	LF	7/16" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	2.48	0.17
		For <100, Add	*0.75*	
		For >500 To 1000, Deduct	*-0.12*	
		For >1000 To 2000, Deduct	*-0.19*	
		For >2000, Deduct	*-0.25*	
		For 7x19 Strand Core, Add	*0.38*	
		For Heavy Duty IWRC Rating, Add	*0.47*	
		For 7x19 Galvanized, Add	*1.03*	
05 15 16 00-0036	LF	1/2" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	2.91	0.26
		For <100, Add	*0.86*	
		For >500 To 1000, Deduct	*-0.15*	
		For >1000 To 2000, Deduct	*-0.22*	
		For >2000, Deduct	*-0.29*	
		For 7x19 Strand Core, Add	*0.42*	
		For Heavy Duty IWRC Rating, Add	*0.53*	
		For 7x19 Galvanized, Add	*1.16*	
05 15 16 00-0037	LF	9/16" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	3.44	0.34
		For <100, Add	*1.00*	
		For >500 To 1000, Deduct	*-0.17*	
		For >1000 To 2000, Deduct	*-0.26*	
		For >2000, Deduct	*-0.34*	
		For 7x19 Strand Core, Add	*0.48*	
		For Heavy Duty IWRC Rating, Add	*0.61*	
		For 7x19 Galvanized, Add	*1.33*	
05 15 16 00-0038	LF	5/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	3.97	0.34
		For <100, Add	*1.14*	
		For >500 To 1000, Deduct	*-0.20*	
		For >1000 To 2000, Deduct	*-0.30*	
		For >2000, Deduct	*-0.40*	
		For 7x19 Strand Core, Add	*0.54*	
		For Heavy Duty IWRC Rating, Add	*0.68*	
		For 7x19 Galvanized, Add	*1.49*	
05 15 16 00-0039	LF	3/4" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	5.62	0.60
		For <100, Add	*1.60*	
		For >500 To 1000, Deduct	*-0.28*	
		For >1000 To 2000, Deduct	*-0.42*	
		For >2000, Deduct	*-0.56*	
		For 7x19 Strand Core, Add	*0.76*	
		For Heavy Duty IWRC Rating, Add	*0.95*	
		For 7x19 Galvanized, Add	*2.09*	
05 15 16 00-0040	LF	7/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	7.43	0.69
		For <100, Add	*2.10*	
		For >500 To 1000, Deduct	*-0.37*	
		For >1000 To 2000, Deduct	*-0.56*	
		For >2000, Deduct	*-0.74*	
		For 7x19 Strand Core, Add	*0.99*	
		For Heavy Duty IWRC Rating, Add	*1.24*	
		For 7x19 Galvanized, Add	*2.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0041	LF	1" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	9.36	0.96
		For <100, Add	*2.62*	
		For >500 To 1000, Deduct	*-0.47*	
		For >1000 To 2000, Deduct	*-0.70*	
		For >2000, Deduct	*-0.94*	
		For 7x19 Strand Core, Add	*1.22*	
		For Heavy Duty IWRC Rating, Add	*1.52*	
		For 7x19 Galvanized, Add	*3.35*	
05 15 16 00-0042	LF	1-1/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	11.60	1.22
		For <100, Add	*3.25*	
		For >500 To 1000, Deduct	*-0.58*	
		For >1000 To 2000, Deduct	*-0.87*	
		For >2000, Deduct	*-1.16*	
		For 7x19 Strand Core, Add	*1.51*	
		For Heavy Duty IWRC Rating, Add	*1.88*	
		For 7x19 Galvanized, Add	*4.14*	
05 15 16 00-0043	LF	1-1/4" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	13.82	1.47
		For <100, Add	*3.85*	
		For >500 To 1000, Deduct	*-0.69*	
		For >1000 To 2000, Deduct	*-1.04*	
		For >2000, Deduct	*-1.38*	
		For 7x19 Strand Core, Add	*1.77*	
		For Heavy Duty IWRC Rating, Add	*2.22*	
		For 7x19 Galvanized, Add	*4.88*	
05 15 16 00-0044	LF	1-3/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	16.78	1.82
		For <100, Add	*4.66*	
		For >500 To 1000, Deduct	*-0.84*	
		For >1000 To 2000, Deduct	*-1.26*	
		For >2000, Deduct	*-1.68*	
		For 7x19 Strand Core, Add	*2.14*	
		For Heavy Duty IWRC Rating, Add	*2.67*	
		For 7x19 Galvanized, Add	*5.88*	
05 15 16 00-0045	LF	1-1/2" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	19.90	2.16
		For <100, Add	*5.52*	
		For >500 To 1000, Deduct	*-1.00*	
		For >1000 To 2000, Deduct	*-1.49*	
		For >2000, Deduct	*-1.99*	
		For 7x19 Strand Core, Add	*2.53*	
		For Heavy Duty IWRC Rating, Add	*3.17*	
		For 7x19 Galvanized, Add	*6.97*	
05 15 16 00-0046	LF	1-5/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	23.68	2.52
		For <100, Add	*6.60*	
		For >500 To 1000, Deduct	*-1.18*	
		For >1000 To 2000, Deduct	*-1.78*	
		For >2000, Deduct	*-2.37*	
		For 7x19 Strand Core, Add	*3.04*	
		For Heavy Duty IWRC Rating, Add	*3.81*	
		For 7x19 Galvanized, Add	*8.37*	
05 15 16 00-0047	LF	1-3/4" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	31.72	4.20
		For <100, Add	*8.33*	
		For >500 To 1000, Deduct	*-1.59*	
		For >1000 To 2000, Deduct	*-2.38*	
		For >2000, Deduct	*-3.17*	
		For 7x19 Strand Core, Add	*3.57*	
		For Heavy Duty IWRC Rating, Add	*4.47*	
		For 7x19 Galvanized, Add	*9.83*	
05 15 16 00-0048	LF	1-7/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	36.44	4.75
		For <100, Add	*9.58*	
		For >500 To 1000, Deduct	*-1.82*	
		For >1000 To 2000, Deduct	*-2.73*	
		For >2000, Deduct	*-3.64*	
		For 7x19 Strand Core, Add	*4.11*	
		For Heavy Duty IWRC Rating, Add	*5.14*	
		For 7x19 Galvanized, Add	*11.30*	
05 15 16 00-0049	LF	2" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	41.86	5.48
		For <100, Add	*11.00*	
		For >500 To 1000, Deduct	*-2.09*	
		For >1000 To 2000, Deduct	*-3.14*	
		For >2000, Deduct	*-4.19*	
		For 7x19 Strand Core, Add	*4.72*	
		For Heavy Duty IWRC Rating, Add	*5.90*	
		For 7x19 Galvanized, Add	*12.97*	
05 15 16 00-0050	LF	2-1/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	47.14	6.12
		For <100, Add	*12.44*	
		For >500 To 1000, Deduct	*-2.36*	
		For >1000 To 2000, Deduct	*-3.54*	
		For >2000, Deduct	*-4.71*	
		For 7x19 Strand Core, Add	*5.37*	
		For Heavy Duty IWRC Rating, Add	*6.71*	
		For 7x19 Galvanized, Add	*14.76*	
05 15 16 00-0051	LF	2-1/4" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	53.45	6.85
		For <100, Add	*14.14*	
		For >500 To 1000, Deduct	*-2.67*	
		For >1000 To 2000, Deduct	*-4.01*	
		For >2000, Deduct	*-5.35*	
		For 7x19 Strand Core, Add	*6.12*	
		For Heavy Duty IWRC Rating, Add	*7.65*	
		For 7x19 Galvanized, Add	*16.83*	

05 15 16 00-0052 6x37 Class Bright, IPS, IWRC *(05 15 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0053	LF	1/4" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	1.86	0.09
		For <100, Add	*0.61*	
		For >500 To 1000, Deduct	*-0.09*	
		For >1000 To 2000, Deduct	*-0.14*	
		For >2000, Deduct	*-0.19*	
		For XIPS Wire, Add	*0.05*	
05 15 16 00-0054	LF	5/16" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	2.22	0.09
		For <100, Add	*0.72*	
		For >500 To 1000, Deduct	*-0.11*	
		For >1000 To 2000, Deduct	*-0.17*	
		For >2000, Deduct	*-0.22*	
		For XIPS Wire, Add	*0.05*	
05 15 16 00-0055	LF	3/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	2.68	0.17
		For <100, Add	*0.85*	
		For >500 To 1000, Deduct	*-0.13*	
		For >1000 To 2000, Deduct	*-0.20*	
		For >2000, Deduct	*-0.27*	
		For XIPS Wire, Add	*0.06*	
05 15 16 00-0056	LF	7/16" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	3.09	0.17
		For <100, Add	*0.96*	
		For >500 To 1000, Deduct	*-0.15*	
		For >1000 To 2000, Deduct	*-0.23*	
		For >2000, Deduct	*-0.31*	
		For XIPS Wire, Add	*0.07*	
05 15 16 00-0057	LF	1/2" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	3.61	0.26
		For <100, Add	*1.10*	
		For >500 To 1000, Deduct	*-0.18*	
		For >1000 To 2000, Deduct	*-0.27*	
		For >2000, Deduct	*-0.36*	
		For XIPS Wire, Add	*0.09*	
05 15 16 00-0058	LF	9/16" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	4.19	0.34
		For <100, Add	*1.26*	
		For >500 To 1000, Deduct	*-0.21*	
		For >1000 To 2000, Deduct	*-0.31*	
		For >2000, Deduct	*-0.42*	
		For XIPS Wire, Add	*0.10*	
05 15 16 00-0059	LF	5/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	4.77	0.34
		For <100, Add	*1.42*	
		For >500 To 1000, Deduct	*-0.24*	
		For >1000 To 2000, Deduct	*-0.36*	
		For >2000, Deduct	*-0.48*	
		For XIPS Wire, Add	*0.11*	
05 15 16 00-0060	LF	3/4" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	6.38	0.60
		For <100, Add	*1.87*	
		For >500 To 1000, Deduct	*-0.32*	
		For >1000 To 2000, Deduct	*-0.48*	
		For >2000, Deduct	*-0.64*	
		For XIPS Wire, Add	*0.15*	
05 15 16 00-0061	LF	7/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	8.25	0.69
		For <100, Add	*2.39*	
		For >500 To 1000, Deduct	*-0.41*	
		For >1000 To 2000, Deduct	*-0.62*	
		For >2000, Deduct	*-0.83*	
		For XIPS Wire, Add	*0.19*	
05 15 16 00-0062	LF	1" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	10.39	0.96
		For <100, Add	*2.99*	
		For >500 To 1000, Deduct	*-0.52*	
		For >1000 To 2000, Deduct	*-0.78*	
		For >2000, Deduct	*-1.04*	
		For XIPS Wire, Add	*0.24*	
05 15 16 00-0063	LF	1-1/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	12.90	1.22
		For <100, Add	*3.69*	
		For >500 To 1000, Deduct	*-0.65*	
		For >1000 To 2000, Deduct	*-0.97*	
		For >2000, Deduct	*-1.29*	
		For XIPS Wire, Add	*0.30*	
05 15 16 00-0064	LF	1-1/4" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	15.38	1.47
		For <100, Add	*4.39*	
		For >500 To 1000, Deduct	*-0.77*	
		For >1000 To 2000, Deduct	*-1.15*	
		For >2000, Deduct	*-1.54*	
		For XIPS Wire, Add	*0.36*	
05 15 16 00-0065	LF	1-3/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	18.25	1.82
		For <100, Add	*5.17*	
		For >500 To 1000, Deduct	*-0.91*	
		For >1000 To 2000, Deduct	*-1.37*	
		For >2000, Deduct	*-1.83*	
		For XIPS Wire, Add	*0.43*	
05 15 16 00-0066	LF	1-1/2" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	21.71	2.16
		For <100, Add	*6.15*	
		For >500 To 1000, Deduct	*-1.09*	
		For >1000 To 2000, Deduct	*-1.63*	
		For >2000, Deduct	*-2.17*	
		For XIPS Wire, Add	*0.51*	
05 15 16 00-0067	LF	1-5/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	26.07	2.61
		For <100, Add	*7.39*	
		For >500 To 1000, Deduct	*-1.30*	
		For >1000 To 2000, Deduct	*-1.96*	
		For >2000, Deduct	*-2.61*	
		For XIPS Wire, Add	*0.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0068	LF	1-3/4" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	34.67	4.20
		For <100, Add	*9.32*	
		For >500 To 1000, Deduct	*-1.73*	
		For >1000 To 2000, Deduct	*-2.60*	
		For >2000, Deduct	*-3.47*	
		For XIPS Wire, Add	*0.80*	
05 15 16 00-0069	LF	1-7/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	40.07	4.75
		For <100, Add	*10.85*	
		For >500 To 1000, Deduct	*-2.00*	
		For >1000 To 2000, Deduct	*-3.01*	
		For >2000, Deduct	*-4.01*	
		For XIPS Wire, Add	*0.92*	
05 15 16 00-0070	LF	2" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	45.72	5.48
		For <100, Add	*12.35*	
		For >500 To 1000, Deduct	*-2.29*	
		For >1000 To 2000, Deduct	*-3.43*	
		For >2000, Deduct	*-4.57*	
		For XIPS Wire, Add	*1.05*	
05 15 16 00-0071	LF	2-1/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	51.54	6.12
		For <100, Add	*13.98*	
		For >500 To 1000, Deduct	*-2.58*	
		For >1000 To 2000, Deduct	*-3.87*	
		For >2000, Deduct	*-5.15*	
		For XIPS Wire, Add	*1.19*	
05 15 16 00-0072	LF	2-1/4" Diameter 6x37 Class Bright Wire Rope IPS, IWRC	58.17	6.85
		For <100, Add	*15.79*	
		For >500 To 1000, Deduct	*-2.91*	
		For >1000 To 2000, Deduct	*-4.36*	
		For >2000, Deduct	*-5.82*	
		For XIPS Wire, Add	*1.34*	

05 15 16 00-0073 6x19 And 6x37 Swaged Wire Rope *(05 15 16)*

05 15 16 00-0074	LF	1/2" Diameter 6x19 And 6x37 Swaged Wire Rope	5.10	0.34
		For <100, Add	*1.56*	
		For >500 To 1000, Deduct	*-0.26*	
		For >1000 To 2000, Deduct	*-0.38*	
		For >2000, Deduct	*-0.51*	
05 15 16 00-0075	LF	9/16" Diameter 6x19 And 6x37 Swaged Wire Rope	5.72	0.34
		For <100, Add	*1.76*	
		For >500 To 1000, Deduct	*-0.29*	
		For >1000 To 2000, Deduct	*-0.43*	
		For >2000, Deduct	*-0.57*	
05 15 16 00-0076	LF	5/8" Diameter 6x19 And 6x37 Swaged Wire Rope	7.08	0.43
		For <100, Add	*2.18*	
		For >500 To 1000, Deduct	*-0.35*	
		For >1000 To 2000, Deduct	*-0.53*	
		For >2000, Deduct	*-0.71*	
05 15 16 00-0077	LF	3/4" Diameter 6x19 And 6x37 Swaged Wire Rope	8.73	0.69
		For <100, Add	*2.62*	
		For >500 To 1000, Deduct	*-0.44*	
		For >1000 To 2000, Deduct	*-0.65*	
		For >2000, Deduct	*-0.87*	
05 15 16 00-0078	LF	7/8" Diameter 6x19 And 6x37 Swaged Wire Rope	10.87	0.87
		For <100, Add	*3.23*	
		For >500 To 1000, Deduct	*-0.54*	
		For >1000 To 2000, Deduct	*-0.82*	
		For >2000, Deduct	*-1.09*	
05 15 16 00-0079	LF	1" Diameter 6x19 And 6x37 Swaged Wire Rope	13.45	1.13
		For <100, Add	*3.94*	
		For >500 To 1000, Deduct	*-0.67*	
		For >1000 To 2000, Deduct	*-1.01*	
		For >2000, Deduct	*-1.35*	
05 15 16 00-0080	LF	1-1/8" Diameter 6x19 And 6x37 Swaged Wire Rope	16.91	1.47
		For <100, Add	*4.94*	
		For >500 To 1000, Deduct	*-0.85*	
		For >1000 To 2000, Deduct	*-1.27*	
		For >2000, Deduct	*-1.69*	
05 15 16 00-0081	LF	1-1/4" Diameter 6x19 And 6x37 Swaged Wire Rope	20.22	1.82
		For <100, Add	*5.87*	
		For >500 To 1000, Deduct	*-1.01*	
		For >1000 To 2000, Deduct	*-1.52*	
		For >2000, Deduct	*-2.02*	
05 15 16 00-0082	LF	1-3/8" Diameter 6x19 And 6x37 Swaged Wire Rope	23.75	2.16
		For <100, Add	*6.85*	
		For >500 To 1000, Deduct	*-1.19*	
		For >1000 To 2000, Deduct	*-1.78*	
		For >2000, Deduct	*-2.38*	
05 15 16 00-0083	LF	1-1/2" Diameter 6x19 And 6x37 Swaged Wire Rope	32.02	3.65
		For <100, Add	*8.77*	
		For >500 To 1000, Deduct	*-1.60*	
		For >1000 To 2000, Deduct	*-2.40*	
		For >2000, Deduct	*-3.20*	

05 15 16 00-0084 Flattened Strand Wire Rope, IPS, Fiber Core *(05 15 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0085	LF	5/8" Diameter Flattened Strand Wire Rope IPS, Fiber Core	6.55	0.34
		For <100, Add	*2.05*	
		For >500 To 1000, Deduct	*-0.33*	
		For >1000 To 2000, Deduct	*-0.49*	
		For >2000, Deduct	*-0.66*	
05 15 16 00-0086	LF	3/4" Diameter Flattened Strand Wire Rope IPS, Fiber Core	8.86	0.52
		For <100, Add	*2.75*	
		For >500 To 1000, Deduct	*-0.44*	
		For >1000 To 2000, Deduct	*-0.66*	
		For >2000, Deduct	*-0.89*	
05 15 16 00-0087	LF	7/8" Diameter Flattened Strand Wire Rope IPS, Fiber Core	11.22	0.69
		For <100, Add	*3.45*	
		For >500 To 1000, Deduct	*-0.56*	
		For >1000 To 2000, Deduct	*-0.84*	
		For >2000, Deduct	*-1.12*	
05 15 16 00-0088	LF	1" Diameter Flattened Strand Wire Rope IPS, Fiber Core	13.75	0.96
		For <100, Add	*4.19*	
		For >500 To 1000, Deduct	*-0.69*	
		For >1000 To 2000, Deduct	*-1.03*	
		For >2000, Deduct	*-1.38*	
05 15 16 00-0089	LF	1-1/8" Diameter Flattened Strand Wire Rope IPS, Fiber Core	16.66	1.22
		For <100, Add	*5.03*	
		For >500 To 1000, Deduct	*-0.83*	
		For >1000 To 2000, Deduct	*-1.25*	
		For >2000, Deduct	*-1.67*	
05 15 16 00-0090	LF	1-1/4" Diameter Flattened Strand Wire Rope IPS, Fiber Core	20.16	1.47
		For <100, Add	*6.08*	
		For >500 To 1000, Deduct	*-1.01*	
		For >1000 To 2000, Deduct	*-1.51*	
		For >2000, Deduct	*-2.02*	
05 15 16 00-0091	LF	1-3/8" Diameter Flattened Strand Wire Rope IPS, Fiber Core	24.32	1.73
		For <100, Add	*7.34*	
		For >500 To 1000, Deduct	*-1.22*	
		For >1000 To 2000, Deduct	*-1.82*	
		For >2000, Deduct	*-2.43*	
05 15 16 00-0092	LF	1-1/2" Diameter Flattened Strand Wire Rope IPS, Fiber Core	29.80	2.16
		For <100, Add	*9.01*	
		For >500 To 1000, Deduct	*-1.49*	
		For >1000 To 2000, Deduct	*-2.24*	
		For >2000, Deduct	*-2.98*	
05 15 16 00-0093	LF	1-5/8" Diameter Flattened Strand Wire Rope IPS, Fiber Core	35.57	2.52
		For <100, Add	*10.80*	
		For >500 To 1000, Deduct	*-1.78*	
		For >1000 To 2000, Deduct	*-2.67*	
		For >2000, Deduct	*-3.56*	
05 15 16 00-0094	LF	1-3/4" Diameter Flattened Strand Wire Rope IPS, Fiber Core	45.61	4.02
		For <100, Add	*13.31*	
		For >500 To 1000, Deduct	*-2.28*	
		For >1000 To 2000, Deduct	*-3.42*	
		For >2000, Deduct	*-4.56*	

05 15 16 00-0095 Flattened Strand Wire Rope, XIP, IWRC *(05 15 16)*

05 15 16 00-0096	LF	5/8" Diameter Flattened Strand Wire Rope XIPS, IWRC	6.62	0.34
		For <100, Add	*2.06*	
		For >500 To 1000, Deduct	*-0.33*	
		For >1000 To 2000, Deduct	*-0.50*	
		For >2000, Deduct	*-0.66*	
05 15 16 00-0097	LF	3/4" Diameter Flattened Strand Wire Rope XIPS, IWRC	8.94	0.60
		For <100, Add	*2.76*	
		For >500 To 1000, Deduct	*-0.45*	
		For >1000 To 2000, Deduct	*-0.67*	
		For >2000, Deduct	*-0.89*	
05 15 16 00-0098	LF	7/8" Diameter Flattened Strand Wire Rope XIPS, IWRC	11.35	0.78
		For <100, Add	*3.46*	
		For >500 To 1000, Deduct	*-0.57*	
		For >1000 To 2000, Deduct	*-0.85*	
		For >2000, Deduct	*-1.14*	
05 15 16 00-0099	LF	1" Diameter Flattened Strand Wire Rope XIPS, IWRC	13.90	0.96
		For <100, Add	*4.21*	
		For >500 To 1000, Deduct	*-0.70*	
		For >1000 To 2000, Deduct	*-1.04*	
		For >2000, Deduct	*-1.39*	
05 15 16 00-0100	LF	1-1/8" Diameter Flattened Strand Wire Rope XIPS, IWRC	16.82	1.22
		For <100, Add	*5.06*	
		For >500 To 1000, Deduct	*-0.84*	
		For >1000 To 2000, Deduct	*-1.26*	
		For >2000, Deduct	*-1.68*	
05 15 16 00-0101	LF	1-1/4" Diameter Flattened Strand Wire Rope XIPS, IWRC	20.41	1.56
		For <100, Add	*6.12*	
		For >500 To 1000, Deduct	*-1.02*	
		For >1000 To 2000, Deduct	*-1.53*	
		For >2000, Deduct	*-2.04*	
05 15 16 00-0102	LF	1-3/8" Diameter Flattened Strand Wire Rope XIPS, IWRC	24.64	1.91
		For <100, Add	*7.38*	
		For >500 To 1000, Deduct	*-1.23*	
		For >1000 To 2000, Deduct	*-1.85*	
		For >2000, Deduct	*-2.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0103	LF	1-1/2" Diameter Flattened Strand Wire Rope XIPS, IWRC	30.10	2.25
		For <100, Add	*9.06*	
		For >500 To 1000, Deduct	*-1.51*	
		For >1000 To 2000, Deduct	*-2.26*	
		For >2000, Deduct	*-3.01*	
05 15 16 00-0104	LF	1-5/8" Diameter Flattened Strand Wire Rope XIPS, IWRC	39.49	3.65
		For <100, Add	*11.39*	
		For >500 To 1000, Deduct	*-1.97*	
		For >1000 To 2000, Deduct	*-2.96*	
		For >2000, Deduct	*-3.95*	
05 15 16 00-0105	LF	1-3/4" Diameter Flattened Strand Wire Rope XIPS, IWRC	46.94	4.38
		For <100, Add	*13.51*	
		For >500 To 1000, Deduct	*-2.35*	
		For >1000 To 2000, Deduct	*-3.52*	
		For >2000, Deduct	*-4.69*	

05 15 16 00-0106 5x19 Coated Wire Rope, Bright, IPS, Fiber Core *(05 15 16)*

05 15 16 00-0107	LF	9/16" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	4.79	0.09
		For <100, Add	*1.60*	
		For >500 To 1000, Deduct	*-0.24*	
		For >1000 To 2000, Deduct	*-0.36*	
		For >2000, Deduct	*-0.48*	
05 15 16 00-0108	LF	5/8" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	5.39	0.17
		For <100, Add	*1.79*	
		For >500 To 1000, Deduct	*-0.27*	
		For >1000 To 2000, Deduct	*-0.40*	
		For >2000, Deduct	*-0.54*	
05 15 16 00-0109	LF	11/16" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	5.86	0.17
		For <100, Add	*1.93*	
		For >500 To 1000, Deduct	*-0.29*	
		For >1000 To 2000, Deduct	*-0.44*	
		For >2000, Deduct	*-0.59*	
05 15 16 00-0110	LF	3/4" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	6.49	0.17
		For <100, Add	*2.13*	
		For >500 To 1000, Deduct	*-0.32*	
		For >1000 To 2000, Deduct	*-0.49*	
		For >2000, Deduct	*-0.65*	
05 15 16 00-0111	LF	13/16" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	7.18	0.26
		For <100, Add	*2.34*	
		For >500 To 1000, Deduct	*-0.36*	
		For >1000 To 2000, Deduct	*-0.54*	
		For >2000, Deduct	*-0.72*	
05 15 16 00-0112	LF	7/8" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	7.82	0.34
		For <100, Add	*2.52*	
		For >500 To 1000, Deduct	*-0.39*	
		For >1000 To 2000, Deduct	*-0.59*	
		For >2000, Deduct	*-0.78*	
05 15 16 00-0113	LF	1" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	9.49	0.43
		For <100, Add	*3.03*	
		For >500 To 1000, Deduct	*-0.47*	
		For >1000 To 2000, Deduct	*-0.71*	
		For >2000, Deduct	*-0.95*	
05 15 16 00-0114	LF	1-1/8" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	11.65	0.60
		For <100, Add	*3.69*	
		For >500 To 1000, Deduct	*-0.58*	
		For >1000 To 2000, Deduct	*-0.87*	
		For >2000, Deduct	*-1.17*	
05 15 16 00-0115	LF	1-1/4" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	13.73	0.69
		For <100, Add	*4.35*	
		For >500 To 1000, Deduct	*-0.69*	
		For >1000 To 2000, Deduct	*-1.03*	
		For >2000, Deduct	*-1.37*	
05 15 16 00-0116	LF	1-3/8" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	16.43	0.87
		For <100, Add	*5.16*	
		For >500 To 1000, Deduct	*-0.82*	
		For >1000 To 2000, Deduct	*-1.23*	
		For >2000, Deduct	*-1.64*	
05 15 16 00-0117	LF	1-1/2" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	19.28	1.13
		For <100, Add	*6.02*	
		For >500 To 1000, Deduct	*-0.96*	
		For >1000 To 2000, Deduct	*-1.45*	
		For >2000, Deduct	*-1.93*	
05 15 16 00-0118	LF	1-5/8" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	22.70	1.39
		For <100, Add	*7.04*	
		For >500 To 1000, Deduct	*-1.14*	
		For >1000 To 2000, Deduct	*-1.70*	
		For >2000, Deduct	*-2.27*	
05 15 16 00-0119	LF	1-3/4" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	27.12	1.65
		For <100, Add	*8.41*	
		For >500 To 1000, Deduct	*-1.36*	
		For >1000 To 2000, Deduct	*-2.03*	
		For >2000, Deduct	*-2.71*	

05 15 16 00-0120 19x7 Rotation Resistant Wire Rope, IPS *(05 15 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0121	LF	3/16" Diameter 19x7 Rotation Resistant Wire Rope IPS	1.46	0.09
		For <100, Add	*0.47*	
		For >500 To 1000, Deduct	*-0.07*	
		For >1000 To 2000, Deduct	*-0.11*	
		For >2000, Deduct	*-0.15*	
05 15 16 00-0122	LF	1/4" Diameter 19x7 Rotation Resistant Wire Rope IPS	1.72	0.09
		For <100, Add	*0.56*	
		For >500 To 1000, Deduct	*-0.09*	
		For >1000 To 2000, Deduct	*-0.13*	
		For >2000, Deduct	*-0.17*	
05 15 16 00-0123	LF	5/16" Diameter 19x7 Rotation Resistant Wire Rope IPS	2.15	0.09
		For <100, Add	*0.69*	
		For >500 To 1000, Deduct	*-0.11*	
		For >1000 To 2000, Deduct	*-0.16*	
		For >2000, Deduct	*-0.22*	
05 15 16 00-0124	LF	3/8" Diameter 19x7 Rotation Resistant Wire Rope IPS	2.41	0.17
		For <100, Add	*0.76*	
		For >500 To 1000, Deduct	*-0.12*	
		For >1000 To 2000, Deduct	*-0.18*	
		For >2000, Deduct	*-0.24*	
05 15 16 00-0125	LF	7/16" Diameter 19x7 Rotation Resistant Wire Rope IPS	2.83	0.17
		For <100, Add	*0.87*	
		For >500 To 1000, Deduct	*-0.14*	
		For >1000 To 2000, Deduct	*-0.21*	
		For >2000, Deduct	*-0.28*	
05 15 16 00-0126	LF	1/2" Diameter 19x7 Rotation Resistant Wire Rope IPS	3.06	0.17
		For <100, Add	*0.95*	
		For >500 To 1000, Deduct	*-0.15*	
		For >1000 To 2000, Deduct	*-0.23*	
		For >2000, Deduct	*-0.31*	
05 15 16 00-0127	LF	9/16" Diameter 19x7 Rotation Resistant Wire Rope IPS	3.75	0.34
		For <100, Add	*1.11*	
		For >500 To 1000, Deduct	*-0.19*	
		For >1000 To 2000, Deduct	*-0.28*	
		For >2000, Deduct	*-0.38*	
05 15 16 00-0128	LF	5/8" Diameter 19x7 Rotation Resistant Wire Rope IPS	4.46	0.34
		For <100, Add	*1.31*	
		For >500 To 1000, Deduct	*-0.22*	
		For >1000 To 2000, Deduct	*-0.33*	
		For >2000, Deduct	*-0.45*	
05 15 16 00-0129	LF	3/4" Diameter 19x7 Rotation Resistant Wire Rope IPS	6.49	0.52
		For <100, Add	*1.92*	
		For >500 To 1000, Deduct	*-0.32*	
		For >1000 To 2000, Deduct	*-0.49*	
		For >2000, Deduct	*-0.65*	
05 15 16 00-0130	LF	7/8" Diameter 19x7 Rotation Resistant Wire Rope IPS	8.44	0.69
		For <100, Add	*2.47*	
		For >500 To 1000, Deduct	*-0.42*	
		For >1000 To 2000, Deduct	*-0.63*	
		For >2000, Deduct	*-0.84*	
05 15 16 00-0131	LF	1" Diameter 19x7 Rotation Resistant Wire Rope IPS	10.55	0.96
		For <100, Add	*3.06*	
		For >500 To 1000, Deduct	*-0.53*	
		For >1000 To 2000, Deduct	*-0.79*	
		For >2000, Deduct	*-1.06*	
05 15 16 00-0132	LF	1-1/8" Diameter 19x7 Rotation Resistant Wire Rope IPS	12.94	1.22
		For <100, Add	*3.72*	
		For >500 To 1000, Deduct	*-0.65*	
		For >1000 To 2000, Deduct	*-0.97*	
		For >2000, Deduct	*-1.29*	
05 15 16 00-0133	LF	1-1/4" Diameter 19x7 Rotation Resistant Wire Rope IPS	15.61	1.47
		For <100, Add	*4.47*	
		For >500 To 1000, Deduct	*-0.78*	
		For >1000 To 2000, Deduct	*-1.17*	
		For >2000, Deduct	*-1.56*	
05 15 16 00-0134	LF	1-3/8" Diameter 19x7 Rotation Resistant Wire Rope IPS	18.52	1.82
		For <100, Add	*5.29*	
		For >500 To 1000, Deduct	*-0.93*	
		For >1000 To 2000, Deduct	*-1.39*	
		For >2000, Deduct	*-1.85*	
05 15 16 00-0135	LF	1-1/2" Diameter 19x7 Rotation Resistant Wire Rope IPS	21.50	2.16
		For <100, Add	*6.11*	
		For >500 To 1000, Deduct	*-1.08*	
		For >1000 To 2000, Deduct	*-1.61*	
		For >2000, Deduct	*-2.15*	

05 15 16 00-0136 8x19 Class Bright, Rotation Resistant, XIPS, IWRC *(05 15 16)*

05 15 16 00-0137	LF	3/8" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright	2.56	0.17
		For <100, Add	*0.81*	
		For >500 To 1000, Deduct	*-0.13*	
		For >1000 To 2000, Deduct	*-0.19*	
		For >2000, Deduct	*-0.26*	
05 15 16 00-0138	LF	7/16" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright	3.01	0.17
		For <100, Add	*0.93*	
		For >500 To 1000, Deduct	*-0.15*	
		For >1000 To 2000, Deduct	*-0.23*	
		For >2000, Deduct	*-0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0139	LF	1/2" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright	3.47	0.26
		For <100, Add	*1.05*	
		For >500 To 1000, Deduct	*-0.17*	
		For >1000 To 2000, Deduct	*-0.26*	
		For >2000, Deduct	*-0.35*	
05 15 16 00-0140	LF	9/16" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright	4.08	0.34
		For <100, Add	*1.22*	
		For >500 To 1000, Deduct	*-0.20*	
		For >1000 To 2000, Deduct	*-0.31*	
		For >2000, Deduct	*-0.41*	
05 15 16 00-0141	LF	5/8" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright	4.75	0.34
		For <100, Add	*1.41*	
		For >500 To 1000, Deduct	*-0.24*	
		For >1000 To 2000, Deduct	*-0.36*	
		For >2000, Deduct	*-0.48*	
05 15 16 00-0142	LF	3/4" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright	6.72	0.60
		For <100, Add	*1.98*	
		For >500 To 1000, Deduct	*-0.34*	
		For >1000 To 2000, Deduct	*-0.50*	
		For >2000, Deduct	*-0.67*	
05 15 16 00-0143	LF	7/8" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright	8.88	0.69
		For <100, Add	*2.61*	
		For >500 To 1000, Deduct	*-0.44*	
		For >1000 To 2000, Deduct	*-0.67*	
		For >2000, Deduct	*-0.89*	
05 15 16 00-0144	LF	1" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright	11.15	0.96
		For <100, Add	*3.25*	
		For >500 To 1000, Deduct	*-0.56*	
		For >1000 To 2000, Deduct	*-0.84*	
		For >2000, Deduct	*-1.12*	
05 15 16 00-0145	LF	1-1/8" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright	13.61	1.22
		For <100, Add	*3.94*	
		For >500 To 1000, Deduct	*-0.68*	
		For >1000 To 2000, Deduct	*-1.02*	
		For >2000, Deduct	*-1.36*	
05 15 16 00-0146	LF	1-1/4" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright	16.27	1.47
		For <100, Add	*4.67*	
		For >500 To 1000, Deduct	*-0.81*	
		For >1000 To 2000, Deduct	*-1.22*	
		For >2000, Deduct	*-1.63*	
05 15 16 00-0147	LF	1-3/8" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright	19.66	1.91
		For <100, Add	*5.64*	
		For >500 To 1000, Deduct	*-0.98*	
		For >1000 To 2000, Deduct	*-1.47*	
		For >2000, Deduct	*-1.97*	
05 15 16 00-0148	LF	1-1/2" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright	23.49	2.25
		For <100, Add	*6.71*	
		For >500 To 1000, Deduct	*-1.17*	
		For >1000 To 2000, Deduct	*-1.76*	
		For >2000, Deduct	*-2.35*	

05 15 16 00-0149 Heavy Duty Galvanized Wire Rope Thimbles *(05 15 16)*

05 15 16 00-0150	EA	1/4" Diameter Heavy Duty Galvanized Wire Rope Thimbles	9.51	2.61
05 15 16 00-0151	EA	5/16" Diameter Heavy Duty Galvanized Wire Rope Thimbles	10.05	2.61
05 15 16 00-0152	EA	3/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles	10.66	2.61
05 15 16 00-0153	EA	7/16" Diameter Heavy Duty Galvanized Wire Rope Thimbles	12.16	2.61
05 15 16 00-0154	EA	1/2" Diameter Heavy Duty Galvanized Wire Rope Thimbles	12.25	2.61
05 15 16 00-0155	EA	9/16" Diameter Heavy Duty Galvanized Wire Rope Thimbles	12.25	2.61
05 15 16 00-0156	EA	5/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles	12.76	2.61
05 15 16 00-0157	EA	3/4" Diameter Heavy Duty Galvanized Wire Rope Thimbles	21.80	3.99
05 15 16 00-0158	EA	7/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles	26.06	4.86
05 15 16 00-0159	EA	1" Diameter Heavy Duty Galvanized Wire Rope Thimbles	44.74	7.98
05 15 16 00-0160	EA	1-1/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles	63.00	10.84
05 15 16 00-0161	EA	1-1/4" Diameter Heavy Duty Galvanized Wire Rope Thimbles	65.33	10.84
05 15 16 00-0162	EA	1-3/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles	131.05	22.64
05 15 16 00-0163	EA	1-1/2" Diameter Heavy Duty Galvanized Wire Rope Thimbles	187.80	32.52
05 15 16 00-0164	EA	1-5/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles	280.27	36.42
05 15 16 00-0165	EA	1-3/4" Diameter Heavy Duty Galvanized Wire Rope Thimbles	330.77	43.37
05 15 16 00-0166	EA	1-7/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles	433.77	54.64
05 15 16 00-0167	EA	2" Diameter Heavy Duty Galvanized Wire Rope Thimbles	452.66	54.64
05 15 16 00-0168	EA	2-1/4" Diameter Heavy Duty Galvanized Wire Rope Thimbles	652.18	86.73

05 15 16 00-0169 Galvanized Wire Rope Clips *(05 15 16)*

05 15 16 00-0170	EA	1/8" Diameter Galvanized Wire Rope Clips	11.26	2.61
05 15 16 00-0171	EA	3/16" Diameter Galvanized Wire Rope Clips	11.46	2.61
05 15 16 00-0172	EA	1/4" Diameter Galvanized Wire Rope Clips	12.60	2.61
05 15 16 00-0173	EA	5/16" Diameter Galvanized Wire Rope Clips	12.73	2.61
05 15 16 00-0174	EA	3/8" Diameter Galvanized Wire Rope Clips	13.02	2.61
05 15 16 00-0175	EA	7/16" Diameter Galvanized Wire Rope Clips	15.57	2.61
05 15 16 00-0176	EA	1/2" Diameter Galvanized Wire Rope Clips	15.57	2.61
05 15 16 00-0177	EA	9/16" Diameter Galvanized Wire Rope Clips	17.71	2.61
05 15 16 00-0178	EA	5/8" Diameter Galvanized Wire Rope Clips	17.71	2.61
05 15 16 00-0179	EA	3/4" Diameter Galvanized Wire Rope Clips	24.74	3.47
05 15 16 00-0180	EA	7/8" Diameter Galvanized Wire Rope Clips	37.46	5.20
05 15 16 00-0181	EA	1" Diameter Galvanized Wire Rope Clips	40.47	5.20
05 15 16 00-0182	EA	1-1/8" Diameter Galvanized Wire Rope Clips	48.53	6.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0183	EA	1-1/4" Diameter Galvanized Wire Rope Clips	71.16	10.41
05 15 16 00-0184	EA	1-3/8" Diameter Galvanized Wire Rope Clips	85.97	11.27
05 15 16 00-0185	EA	1-1/2" Diameter Galvanized Wire Rope Clips	94.14	13.01
05 15 16 00-0186	EA	1-5/8" Diameter Galvanized Wire Rope Clips	137.75	16.48
05 15 16 00-0187	EA	1-3/4" Diameter Galvanized Wire Rope Clips	183.46	21.68
05 15 16 00-0188	EA	2" Diameter Galvanized Wire Rope Clips	223.76	28.62
05 15 16 00-0189	EA	2-1/4" Diameter Galvanized Wire Rope Clips	299.29	36.42
05 15 16 00-0190	EA	2-1/2" Diameter Galvanized Wire Rope Clips	332.88	39.90
05 15 16 00-0191	EA	2-3/4" Diameter Galvanized Wire Rope Clips	473.59	48.57
05 15 16 00-0192	EA	3" Diameter Galvanized Wire Rope Clips	635.22	71.98

05 15 16 00-0193 Open Swage Sockets *(05 15 16)*

05 15 16 00-0194	EA	1/4" Diameter Open Swage Sockets	50.73	2.61
05 15 16 00-0195	EA	5/16" Diameter Open Swage Sockets	62.11	2.61
05 15 16 00-0196	EA	3/8" Diameter Open Swage Sockets	65.55	3.47
05 15 16 00-0197	EA	7/16" Diameter Open Swage Sockets	79.20	4.34
05 15 16 00-0198	EA	1/2" Diameter Open Swage Sockets	79.20	4.34
05 15 16 00-0199	EA	9/16" Diameter Open Swage Sockets	122.44	9.54
05 15 16 00-0200	EA	5/8" Diameter Open Swage Sockets	122.44	9.54
05 15 16 00-0201	EA	3/4" Diameter Open Swage Sockets	167.12	18.22
05 15 16 00-0202	EA	7/8" Diameter Open Swage Sockets	227.19	26.02
05 15 16 00-0203	EA	1" Diameter Open Swage Sockets	326.05	39.90
05 15 16 00-0204	EA	1-1/8" Diameter Open Swage Sockets	449.28	62.44
05 15 16 00-0205	EA	1-1/4" Diameter Open Swage Sockets	523.91	71.98
05 15 16 00-0206	EA	1-3/8" Diameter Open Swage Sockets	701.76	95.40
05 15 16 00-0207	EA	1-1/2" Diameter Open Swage Sockets	1,009.83	121.42
05 15 16 00-0208	EA	1-3/4" Diameter Open Swage Sockets	1,491.62	147.44
05 15 16 00-0209	EA	2" Diameter Open Swage Sockets	2,537.11	286.21

05 15 16 00-0210 Closed Swage Sockets *(05 15 16)*

05 15 16 00-0211	EA	1/4" Diameter Closed Swage Sockets	33.21	2.61
05 15 16 00-0212	EA	5/16" Diameter Closed Swage Sockets	43.49	2.61
05 15 16 00-0213	EA	3/8" Diameter Closed Swage Sockets	51.24	2.61
05 15 16 00-0214	EA	7/16" Diameter Closed Swage Sockets	54.95	3.47
05 15 16 00-0215	EA	1/2" Diameter Closed Swage Sockets	60.60	3.47
05 15 16 00-0216	EA	9/16" Diameter Closed Swage Sockets	79.66	6.07
05 15 16 00-0217	EA	5/8" Diameter Closed Swage Sockets	83.79	6.93
05 15 16 00-0218	EA	3/4" Diameter Closed Swage Sockets	107.59	11.27
05 15 16 00-0219	EA	7/8" Diameter Closed Swage Sockets	143.14	16.48
05 15 16 00-0220	EA	1" Diameter Closed Swage Sockets	204.75	22.54
05 15 16 00-0221	EA	1-1/8" Diameter Closed Swage Sockets	258.70	31.22
05 15 16 00-0222	EA	1-1/4" Diameter Closed Swage Sockets	362.49	48.57
05 15 16 00-0223	EA	1-3/8" Diameter Closed Swage Sockets	474.86	62.44
05 15 16 00-0224	EA	1-1/2" Diameter Closed Swage Sockets	654.77	86.73
05 15 16 00-0225	EA	1-3/4" Diameter Closed Swage Sockets	888.02	112.74
05 15 16 00-0226	EA	2" Diameter Closed Swage Sockets	1,579.08	173.45

05 15 16 00-0227 Open Spelter Sockets Galvanized *(05 15 16)*

05 15 16 00-0228	EA	1/4" Open Spelter Sockets, Galvanized	52.51	2.61
05 15 16 00-0229	EA	5/16" Open Spelter Sockets, Galvanized	55.37	2.61
05 15 16 00-0230	EA	3/8" Open Spelter Sockets, Galvanized	60.21	2.61
05 15 16 00-0231	EA	7/16" Open Spelter Sockets, Galvanized	66.13	5.20
05 15 16 00-0232	EA	1/2" Open Spelter Sockets, Galvanized	71.25	5.20
05 15 16 00-0233	EA	9/16" Open Spelter Sockets, Galvanized	91.95	8.68
05 15 16 00-0234	EA	5/8" Open Spelter Sockets, Galvanized	98.24	8.68
05 15 16 00-0235	EA	3/4" Open Spelter Sockets, Galvanized	121.93	13.01
05 15 16 00-0236	EA	7/8" Open Spelter Sockets, Galvanized	187.03	21.68
05 15 16 00-0237	EA	1" Open Spelter Sockets, Galvanized	324.59	33.83
05 15 16 00-0238	EA	1-1/8" Open Spelter Sockets, Galvanized	418.37	54.64
05 15 16 00-0239	EA	1-1/4" Open Spelter Sockets, Galvanized	562.17	71.98
05 15 16 00-0240	EA	1-3/8" Open Spelter Sockets, Galvanized	592.30	71.98
05 15 16 00-0241	EA	1-1/2" Open Spelter Sockets, Galvanized	966.20	95.40
05 15 16 00-0242	EA	1-5/8" Open Spelter Sockets, Galvanized	1,149.16	121.42
05 15 16 00-0243	EA	1-3/4" Open Spelter Sockets, Galvanized	1,739.09	190.80
05 15 16 00-0244	EA	1-7/8" Open Spelter Sockets, Galvanized	1,847.23	190.80
05 15 16 00-0245	EA	2" Open Spelter Sockets, Galvanized	2,294.22	286.21
05 15 16 00-0246	EA	2-1/8" Open Spelter Sockets, Galvanized	2,418.64	286.21
05 15 16 00-0247	EA	2-1/2" Open Spelter Sockets, Galvanized	2,985.67	364.26
05 15 16 00-0248	EA	2-3/8" Open Spelter Sockets, Galvanized	3,155.21	364.26

05 15 16 00-0249 Closed Spelter Sockets Galvanized *(05 15 16)*

05 15 16 00-0250	EA	1/4" Closed Spelter Sockets, Galvanized	44.77	2.61
05 15 16 00-0251	EA	5/16" Closed Spelter Sockets, Galvanized	45.24	2.61
05 15 16 00-0252	EA	3/8" Closed Spelter Sockets, Galvanized	49.22	2.61
05 15 16 00-0253	EA	7/16" Closed Spelter Sockets, Galvanized	54.14	4.34
05 15 16 00-0254	EA	1/2" Closed Spelter Sockets, Galvanized	58.34	4.34
05 15 16 00-0255	EA	9/16" Closed Spelter Sockets, Galvanized	80.61	7.81
05 15 16 00-0256	EA	5/8" Closed Spelter Sockets, Galvanized	86.22	7.81
05 15 16 00-0257	EA	3/4" Closed Spelter Sockets, Galvanized	103.99	11.27
05 15 16 00-0258	EA	7/8" Closed Spelter Sockets, Galvanized	153.76	17.34
05 15 16 00-0259	EA	1" Closed Spelter Sockets, Galvanized	233.88	26.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0260	EA	1-1/8" Closed Spelter Sockets, Galvanized	327.15	36.42
05 15 16 00-0261	EA	1-1/4" Closed Spelter Sockets, Galvanized	393.53	48.57
05 15 16 00-0262	EA	1-3/8" Closed Spelter Sockets, Galvanized	415.80	48.57
05 15 16 00-0263	EA	1-1/2" Closed Spelter Sockets, Galvanized	679.27	62.44
05 15 16 00-0264	EA	1-5/8" Closed Spelter Sockets, Galvanized	803.28	78.93
05 15 16 00-0265	EA	1-3/4" Closed Spelter Sockets, Galvanized	1,056.32	121.42
05 15 16 00-0266	EA	1-7/8" Closed Spelter Sockets, Galvanized	1,118.93	121.42
05 15 16 00-0267	EA	2" Closed Spelter Sockets, Galvanized	1,385.64	173.45
05 15 16 00-0268	EA	2-1/8" Closed Spelter Sockets, Galvanized	1,461.87	173.45
05 15 16 00-0269	EA	2-1/2" Closed Spelter Sockets, Galvanized	1,791.23	234.17
05 15 16 00-0270	EA	2-3/8" Closed Spelter Sockets, Galvanized	2,186.31	234.17

05 15 16 00-0271 Jaw And Jaw, Forged Steel Turnbuckles *(05 15 16)*

05 15 16 00-0272	EA	1/4" x 4", Jaw And Jaw, Forged Steel Turnbuckle	15.98	2.61
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-1.10*	
05 15 16 00-0273	EA	5/16" x 4-1/2", Jaw And Jaw, Forged Steel Turnbuckle	17.28	2.61
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-1.29*	
05 15 16 00-0274	EA	3/8" x 6", Jaw And Jaw, Forged Steel Turnbuckle	22.26	2.61
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-2.04*	
05 15 16 00-0275	EA	1/2" x 6", Jaw And Jaw, Forged Steel Turnbuckle	30.86	3.47
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-2.44*	
05 15 16 00-0276	EA	1/2" x 9", Jaw And Jaw, Forged Steel Turnbuckle	35.43	4.34
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-2.60*	
05 15 16 00-0277	EA	1/2" x 12", Jaw And Jaw, Forged Steel Turnbuckle	46.36	5.20
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-3.82*	
05 15 16 00-0278	EA	5/8" x 6", Jaw And Jaw, Forged Steel Turnbuckle	54.42	6.93
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-4.16*	
05 15 16 00-0279	EA	5/8" x 9", Jaw And Jaw, Forged Steel Turnbuckle	66.16	6.93
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-5.59*	
05 15 16 00-0280	EA	5/8" x 12", Jaw And Jaw, Forged Steel Turnbuckle	64.05	7.81
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-4.96*	
05 15 16 00-0281	EA	3/4" x 6", Jaw And Jaw, Forged Steel Turnbuckle	70.74	9.54
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-5.07*	
05 15 16 00-0282	EA	3/4" x 9", Jaw And Jaw, Forged Steel Turnbuckle	84.02	11.27
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-5.76*	
05 15 16 00-0283	EA	3/4" x 12", Jaw And Jaw, Forged Steel Turnbuckle	90.83	12.14
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-6.19*	
05 15 16 00-0284	EA	3/4" x 18", Jaw And Jaw, Forged Steel Turnbuckle	113.38	14.74
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-8.04*	
05 15 16 00-0285	EA	7/8" x 12", Jaw And Jaw, Forged Steel Turnbuckle	170.48	20.81
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-13.18*	
05 15 16 00-0286	EA	7/8" x 18", Jaw And Jaw, Forged Steel Turnbuckle	200.07	24.29
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-15.56*	
05 15 16 00-0287	EA	1" x 6", Jaw And Jaw, Forged Steel Turnbuckle	178.00	20.81
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-14.31*	
05 15 16 00-0288	EA	1" x 12", Jaw And Jaw, Forged Steel Turnbuckle	206.56	26.88
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-14.72*	
05 15 16 00-0289	EA	1" x 18", Jaw And Jaw, Forged Steel Turnbuckle	255.80	33.83
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-18.36*	
05 15 16 00-0290	EA	1" x 24", Jaw And Jaw, Forged Steel Turnbuckle	398.11	39.90
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-36.06*	
05 15 16 00-0291	EA	1-1/4" x 12", Jaw And Jaw, Forged Steel Turnbuckle	360.02	48.57
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-25.09*	
05 15 16 00-0292	EA	1-1/4" x 18", Jaw And Jaw, Forged Steel Turnbuckle	421.72	54.64
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-30.74*	
05 15 16 00-0293	EA	1-1/4" x 24", Jaw And Jaw, Forged Steel Turnbuckle	537.74	62.44
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-43.49*	
05 15 16 00-0294	EA	1-1/2" x 12", Jaw And Jaw, Forged Steel Turnbuckle	567.91	66.78
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-45.16*	
05 15 16 00-0295	EA	1-1/2" x 18", Jaw And Jaw, Forged Steel Turnbuckle	666.47	86.73
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-47.93*	
05 15 16 00-0296	EA	1-1/2" x 24", Jaw And Jaw, Forged Steel Turnbuckle	889.60	112.74
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-68.39*	
05 15 16 00-0297	EA	2" x 24", Jaw And Jaw, Forged Steel Turnbuckle	1,801.44	216.82
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-140.12*	

05 15 16 00-0298 Forged Steel Eye Bolts *(05 15 16)*

05 15 16 00-0299	EA	1/4" Diameter Thread, 3/4" Inside Eye Diameter, Eye Bolt	17.67
05 15 16 00-0300	EA	5/16" Diameter Thread, 7/8" Inside Eye Diameter, Eye Bolt	25.73
05 15 16 00-0301	EA	3/8" Diameter Thread, 1" Inside Eye Diameter, Eye Bolt	26.37
05 15 16 00-0302	EA	7/16" Diameter Thread, 1-3/32" Inside Eye Diameter, Eye Bolt	34.57
05 15 16 00-0303	EA	1/2" Diameter Thread, 1-3/16" Inside Eye Diameter, Eye Bolt	47.50
05 15 16 00-0304	EA	5/8" Diameter Thread, 1-3/8" Inside Eye Diameter, Eye Bolt	55.14
05 15 16 00-0305	EA	3/4" Diameter Thread, 1-1/2" Inside Eye Diameter, Eye Bolt	64.54
05 15 16 00-0306	EA	7/8" Diameter Thread, 1-11/16" Inside Eye Diameter, Eye Bolt	80.90
05 15 16 00-0307	EA	1" Diameter Thread, 1-13/16" Inside Eye Diameter, Eye Bolt	109.68
05 15 16 00-0308	EA	1-1/8" Diameter Thread, 2" Inside Eye Diameter, Eye Bolt	151.91
05 15 16 00-0309	EA	1-1/4" Diameter Thread, 2-3/16" Inside Eye Diameter, Eye Bolt	192.42
05 15 16 00-0310	EA	1-1/2" Diameter Thread, 2-1/2" Inside Eye Diameter, Eye Bolt	240.72
05 15 16 00-0311	EA	1-3/4" Diameter Thread, 2-7/8" Inside Eye Diameter, Eye Bolt	309.05
05 15 16 00-0312	EA	2" Diameter Thread, 3-1/4" Inside Eye Diameter, Eye Bolt	447.45

05 15 19 Stainless-Steel Wire Rope Assemblies *(05 15)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 19 00-0001		7x7 Class 304 Stainless Steel *(05 15 19)*		
05 15 19 00-0002	LF	3/64" Diameter 7x7 Class 304 Stainless Steel Wire Rope	0.41	0.06
		For <100, Add	*0.12*	
		For >500 To 1000, Deduct	*-0.02*	
		For >1000 To 2000, Deduct	*-0.03*	
		For >2000, Deduct	*-0.04*	
		For 316 Stainless Steel, Add	*0.10*	
05 15 19 00-0003	LF	1/16" Diameter 7x7 Class 304 Stainless Steel Wire Rope	0.46	0.06
		For <100, Add	*0.14*	
		For >500 To 1000, Deduct	*-0.02*	
		For >1000 To 2000, Deduct	*-0.03*	
		For >2000, Deduct	*-0.05*	
		For 316 Stainless Steel, Add	*0.12*	
05 15 19 00-0004	LF	5/64" Diameter 7x7 Class 304 Stainless Steel Wire Rope	0.57	0.07
		For <100, Add	*0.17*	
		For >500 To 1000, Deduct	*-0.03*	
		For >1000 To 2000, Deduct	*-0.04*	
		For >2000, Deduct	*-0.06*	
		For 316 Stainless Steel, Add	*0.15*	
05 15 19 00-0005	LF	3/32" Diameter 7x7 Class 304 Stainless Steel Wire Rope	0.68	0.07
		For <100, Add	*0.21*	
		For >500 To 1000, Deduct	*-0.03*	
		For >1000 To 2000, Deduct	*-0.05*	
		For >2000, Deduct	*-0.07*	
		For 316 Stainless Steel, Add	*0.18*	
05 15 19 00-0006	LF	1/8" Diameter 7x7 Class 304 Stainless Steel Wire Rope	0.88	0.08
		For <100, Add	*0.27*	
		For >500 To 1000, Deduct	*-0.04*	
		For >1000 To 2000, Deduct	*-0.07*	
		For >2000, Deduct	*-0.09*	
		For 316 Stainless Steel, Add	*0.24*	
05 15 19 00-0007	LF	5/32" Diameter 7x7 Class 304 Stainless Steel Wire Rope	1.41	0.09
		For <100, Add	*0.46*	
		For >500 To 1000, Deduct	*-0.07*	
		For >1000 To 2000, Deduct	*-0.11*	
		For >2000, Deduct	*-0.14*	
		For 316 Stainless Steel, Add	*0.41*	
05 15 19 00-0008	LF	3/16" Diameter 7x7 Class 304 Stainless Steel Wire Rope	1.60	0.09
		For <100, Add	*0.52*	
		For >500 To 1000, Deduct	*-0.08*	
		For >1000 To 2000, Deduct	*-0.12*	
		For >2000, Deduct	*-0.16*	
		For 316 Stainless Steel, Add	*0.47*	
05 15 19 00-0009	LF	1/4" Diameter 7x7 Class 304 Stainless Steel Wire Rope	2.21	0.09
		For <100, Add	*0.73*	
		For >500 To 1000, Deduct	*-0.11*	
		For >1000 To 2000, Deduct	*-0.17*	
		For >2000, Deduct	*-0.22*	
		For 316 Stainless Steel, Add	*0.68*	
05 15 19 00-0010	LF	5/16" Diameter 7x7 Class 304 Stainless Steel Wire Rope	2.78	0.09
		For <100, Add	*0.92*	
		For >500 To 1000, Deduct	*-0.14*	
		For >1000 To 2000, Deduct	*-0.21*	
		For >2000, Deduct	*-0.28*	
		For 316 Stainless Steel, Add	*0.85*	
05 15 19 00-0011	LF	3/8" Diameter 7x7 Class 304 Stainless Steel Wire Rope	3.47	0.09
		For <100, Add	*1.14*	
		For >500 To 1000, Deduct	*-0.17*	
		For >1000 To 2000, Deduct	*-0.26*	
		For >2000, Deduct	*-0.35*	
		For 316 Stainless Steel, Add	*1.06*	
05 15 19 00-0012	LF	7/16" Diameter 7x7 Class 304 Stainless Steel Wire Rope	4.22	0.17
		For <100, Add	*1.38*	
		For >500 To 1000, Deduct	*-0.21*	
		For >1000 To 2000, Deduct	*-0.32*	
		For >2000, Deduct	*-0.42*	
		For 316 Stainless Steel, Add	*1.26*	
05 15 19 00-0013	LF	1/2" Diameter 7x7 Class 304 Stainless Steel Wire Rope	4.89	0.17
		For <100, Add	*1.58*	
		For >500 To 1000, Deduct	*-0.24*	
		For >1000 To 2000, Deduct	*-0.37*	
		For >2000, Deduct	*-0.49*	
		For 316 Stainless Steel, Add	*1.44*	
05 15 19 00-0014	LF	9/16" Diameter 7x7 Class 304 Stainless Steel Wire Rope	5.86	0.26
		For <100, Add	*1.88*	
		For >500 To 1000, Deduct	*-0.29*	
		For >1000 To 2000, Deduct	*-0.44*	
		For >2000, Deduct	*-0.59*	
		For 316 Stainless Steel, Add	*1.71*	
05 15 19 00-0015	LF	5/8" Diameter 7x7 Class 304 Stainless Steel Wire Rope	6.64	0.34
		For <100, Add	*2.12*	
		For >500 To 1000, Deduct	*-0.33*	
		For >1000 To 2000, Deduct	*-0.50*	
		For >2000, Deduct	*-0.66*	
		For 316 Stainless Steel, Add	*1.91*	
05 15 19 00-0016	LF	3/4" Diameter 7x7 Class 304 Stainless Steel Wire Rope	8.81	0.43
		For <100, Add	*2.79*	
		For >500 To 1000, Deduct	*-0.44*	
		For >1000 To 2000, Deduct	*-0.66*	
		For >2000, Deduct	*-0.88*	
		For 316 Stainless Steel, Add	*2.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 15 19 00-0017 7x19 Class 304 Stainless Steel *(05 15 19)*

05 15 19 00-0018	LF	1/4" Diameter 7x19 Class 304 Stainless Steel Wire Rope	3.66	0.09
		For <100, Add	*1.24*	
		For >500 To 1000, Deduct	*-0.18*	
		For >1000 To 2000, Deduct	*-0.27*	
		For >2000, Deduct	*-0.37*	
		For 316 Stainless Steel, Add	*1.18*	
05 15 19 00-0019	LF	5/16" Diameter 7x19 Class Stainless Steel Wire Rope	4.20	0.09
		For <100, Add	*1.41*	
		For >500 To 1000, Deduct	*-0.21*	
		For >1000 To 2000, Deduct	*-0.32*	
		For >2000, Deduct	*-0.42*	
		For 316 Stainless Steel, Add	*1.32*	
05 15 19 00-0020	LF	3/8" Diameter 7x19 Class Stainless Steel Wire Rope	4.95	0.17
		For <100, Add	*1.64*	
		For >500 To 1000, Deduct	*-0.25*	
		For >1000 To 2000, Deduct	*-0.37*	
		For >2000, Deduct	*-0.50*	
		For 316 Stainless Steel, Add	*1.53*	
05 15 19 00-0021	LF	7/16" Diameter 7x19 Class Stainless Steel Wire Rope	5.70	0.17
		For <100, Add	*1.88*	
		For >500 To 1000, Deduct	*-0.29*	
		For >1000 To 2000, Deduct	*-0.43*	
		For >2000, Deduct	*-0.57*	
		For 316 Stainless Steel, Add	*1.73*	
05 15 19 00-0022	LF	1/2" Diameter 7x19 Class Stainless Steel Wire Rope	6.51	0.26
		For <100, Add	*2.12*	
		For >500 To 1000, Deduct	*-0.33*	
		For >1000 To 2000, Deduct	*-0.49*	
		For >2000, Deduct	*-0.65*	
		For 316 Stainless Steel, Add	*1.94*	
05 15 19 00-0023	LF	9/16" Diameter 7x19 Class Stainless Steel Wire Rope	7.60	0.34
		For <100, Add	*2.46*	
		For >500 To 1000, Deduct	*-0.38*	
		For >1000 To 2000, Deduct	*-0.57*	
		For >2000, Deduct	*-0.76*	
		For 316 Stainless Steel, Add	*2.24*	
05 15 19 00-0024	LF	5/8" Diameter 7x19 Class Stainless Steel Wire Rope	8.61	0.34
		For <100, Add	*2.76*	
		For >500 To 1000, Deduct	*-0.43*	
		For >1000 To 2000, Deduct	*-0.65*	
		For >2000, Deduct	*-0.86*	
		For 316 Stainless Steel, Add	*2.50*	
05 15 19 00-0025	LF	3/4" Diameter 7x19 Class Stainless Steel Wire Rope	12.11	0.60
		For <100, Add	*3.87*	
		For >500 To 1000, Deduct	*-0.61*	
		For >1000 To 2000, Deduct	*-0.91*	
		For >2000, Deduct	*-1.21*	
		For 316 Stainless Steel, Add	*3.50*	
05 15 19 00-0026	LF	7/8" Diameter 7x19 Class Stainless Steel Wire Rope	15.89	0.69
		For <100, Add	*5.07*	
		For >500 To 1000, Deduct	*-0.79*	
		For >1000 To 2000, Deduct	*-1.19*	
		For >2000, Deduct	*-1.59*	
		For 316 Stainless Steel, Add	*4.56*	
05 15 19 00-0027	LF	1" Diameter 7x19 Class Stainless Steel Wire Rope	19.79	0.96
		For <100, Add	*6.27*	
		For >500 To 1000, Deduct	*-0.99*	
		For >1000 To 2000, Deduct	*-1.48*	
		For >2000, Deduct	*-1.98*	
		For 316 Stainless Steel, Add	*5.62*	
05 15 19 00-0028	LF	1-1/8" Diameter 7x19 Class Stainless Steel Wire Rope	24.48	1.22
		For <100, Add	*7.75*	
		For >500 To 1000, Deduct	*-1.22*	
		For >1000 To 2000, Deduct	*-1.84*	
		For >2000, Deduct	*-2.45*	
		For 316 Stainless Steel, Add	*6.94*	
05 15 19 00-0029	LF	1-1/4" Diameter 7x19 Class Stainless Steel Wire Rope	29.00	1.47
		For <100, Add	*9.16*	
		For >500 To 1000, Deduct	*-1.45*	
		For >1000 To 2000, Deduct	*-2.18*	
		For >2000, Deduct	*-2.90*	
		For 316 Stainless Steel, Add	*8.18*	
05 15 19 00-0030	LF	1-3/8" Diameter 7x19 Class Stainless Steel Wire Rope	35.07	1.82
		For <100, Add	*11.06*	
		For >500 To 1000, Deduct	*-1.75*	
		For >1000 To 2000, Deduct	*-2.63*	
		For >2000, Deduct	*-3.51*	
		For 316 Stainless Steel, Add	*9.85*	
05 15 19 00-0031	LF	1-1/2" Diameter 7x19 Class Stainless Steel Wire Rope	41.57	2.16
		For <100, Add	*13.10*	
		For >500 To 1000, Deduct	*-2.08*	
		For >1000 To 2000, Deduct	*-3.12*	
		For >2000, Deduct	*-4.16*	
		For 316 Stainless Steel, Add	*11.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 19 00-0032	LF	1-5/8" Diameter 7x19 Class Stainless Steel Wire Rope	49.72	2.52
		For <100, Add	*15.71*	
		For >500 To 1000, Deduct	*-2.49*	
		For >1000 To 2000, Deduct	*-3.73*	
		For >2000, Deduct	*-4.97*	
		For 316 Stainless Steel, Add	*14.03*	
05 15 19 00-0033	LF	1-3/4" Diameter 7x19 Class Stainless Steel Wire Rope	62.29	4.20
		For <100, Add	*19.03*	
		For >500 To 1000, Deduct	*-3.11*	
		For >1000 To 2000, Deduct	*-4.67*	
		For >2000, Deduct	*-6.23*	
		For 316 Stainless Steel, Add	*16.47*	
05 15 19 00-0034	LF	1-7/8" Diameter 7x19 Class Stainless Steel Wire Rope	71.60	4.75
		For <100, Add	*21.88*	
		For >500 To 1000, Deduct	*-3.58*	
		For >1000 To 2000, Deduct	*-5.37*	
		For >2000, Deduct	*-7.16*	
		For 316 Stainless Steel, Add	*18.94*	
05 15 19 00-0035	LF	2" Diameter 7x19 Class Stainless Steel Wire Rope	82.20	5.48
		For <100, Add	*25.11*	
		For >500 To 1000, Deduct	*-4.11*	
		For >1000 To 2000, Deduct	*-6.17*	
		For >2000, Deduct	*-8.22*	
		For 316 Stainless Steel, Add	*21.73*	
05 15 19 00-0036	LF	2-1/8" Diameter 7x19 Class Stainless Steel Wire Rope	93.06	6.12
		For <100, Add	*28.51*	
		For >500 To 1000, Deduct	*-4.65*	
		For >1000 To 2000, Deduct	*-6.98*	
		For >2000, Deduct	*-9.31*	
		For 316 Stainless Steel, Add	*24.74*	
05 15 19 00-0037	LF	2-1/4" Diameter 7x19 Class Stainless Steel Wire Rope	105.81	6.85
		For <100, Add	*32.46*	
		For >500 To 1000, Deduct	*-5.29*	
		For >1000 To 2000, Deduct	*-7.94*	
		For >2000, Deduct	*-10.58*	
		For 316 Stainless Steel, Add	*28.21*	

05 20 Metal Joists *(05)*

Note: Includes all connecting bolts and welds.

05 21 Steel Joist Framing *(05 20)*

05 21 19 Open Web Steel Joist Framing *(05 21)*

05 21 19 00-0001	TON	H, J Or K Open Web Joist, 0-30' Span, Steel, Horizontal Bridging	2,057.48	141.55
		For Welded Cross Bridging, Add	*176.94*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*176.12*	
05 21 19 00-0002	TON	H, J Or K Open Web Joist, 30'-50' Span, Steel, Horizontal Bridging	1,887.12	132.71
		For Welded Cross Bridging, Add	*157.28*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*163.54*	
05 21 19 00-0003	TON	LJ Or LH Open Web Joist, <96' Span, Steel, Bolted Cross Bridging	2,271.63	132.71
		For Welded Cross Bridging, Add	*163.33*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*207.26*	
05 21 19 00-0004	TON	DLJ Or DLH Open Web Joist, <144' Span, Steel, Bolted Cross Bridging	2,578.69	132.71
		For Welded Cross Bridging, Add	*163.33*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*244.11*	
05 21 19 00-0005	TON	CS Open Web Joist, 0-30' Span, Steel, Horizontal Bridging	2,278.62	132.71
		For Welded Cross Bridging, Add	*176.94*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*202.66*	
05 21 19 00-0006	TON	SLH Open Web Joist, <200' Span, Steel, Bolted Cross Bridging	2,847.36	132.71
		For Welded Cross Bridging, Add	*163.33*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*276.35*	

05 30 Metal Decking *(05)*

Note: Includes all connecting bolts and welds.

05 31 Steel Decking *(05 30)*

See CSI section 03 30 00 00-0000 for concrete where required, 07 22 16 00-0001 for roof insulation.

05 31 00 00-0001 Open Ribbed Galvanized Steel Form Deck *(05 31)*

05 31 00 00-0002	SF	9/16" Deep, 28 Gauge Open Ribbed Galvanized Steel Form Deck	1.65	
		For Painted, Deduct	*-0.05*	
		For Perforated Or Slotted, Add	*0.05*	
		For Up To 100, Add	*0.82*	
		For >100 To 500, Add	*0.38*	
		For >500 To 1500, Add	*0.18*	
05 31 00 00-0003	SF	9/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	1.75	
		For Painted, Deduct	*-0.05*	
		For Perforated Or Slotted, Add	*0.05*	
		For Up To 100, Add	*0.87*	
		For >100 To 500, Add	*0.41*	
		For >500 To 1500, Add	*0.19*	
05 31 00 00-0004	SF	9/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	1.95	
		For Painted, Deduct	*-0.05*	
		For Perforated Or Slotted, Add	*0.05*	
		For Up To 100, Add	*1.00*	
		For >100 To 500, Add	*0.46*	
		For >500 To 1500, Add	*0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 00 00-0005	SF	9/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	2.14	
		For Painted, Deduct	*-0.06*	
		For Perforated Or Slotted, Add	*0.06*	
		For Up To 100, Add	*1.13*	
		For >100 To 500, Add	*0.52*	
		For >500 To 1500, Add	*0.26*	
05 31 00 00-0006	SF	15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	1.94	
		For Painted, Deduct	*-0.06*	
		For Perforated Or Slotted, Add	*0.06*	
		For Up To 100, Add	*0.89*	
		For >100 To 500, Add	*0.43*	
		For >500 To 1500, Add	*0.19*	
05 31 00 00-0007	SF	15/16" Deep, 25 Gauge Open Ribbed Galvanized Steel Form Deck	2.04	
		For Painted, Deduct	*-0.06*	
		For Perforated Or Slotted, Add	*0.06*	
		For Up To 100, Add	*0.93*	
		For >100 To 500, Add	*0.45*	
		For >500 To 1500, Add	*0.20*	
05 31 00 00-0008	SF	15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	2.16	
		For Painted, Deduct	*-0.06*	
		For Perforated Or Slotted, Add	*0.06*	
		For Up To 100, Add	*1.02*	
		For >100 To 500, Add	*0.48*	
		For >500 To 1500, Add	*0.22*	
05 31 00 00-0009	SF	15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	2.34	
		For Painted, Deduct	*-0.07*	
		For Perforated Or Slotted, Add	*0.07*	
		For Up To 100, Add	*1.15*	
		For >100 To 500, Add	*0.54*	
		For >500 To 1500, Add	*0.26*	
05 31 00 00-0010	SF	1-15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	2.47	
		For Painted, Deduct	*-0.07*	
		For Perforated Or Slotted, Add	*0.07*	
		For Up To 100, Add	*1.21*	
		For >100 To 500, Add	*0.57*	
		For >500 To 1500, Add	*0.27*	
05 31 00 00-0011	SF	1-15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	2.67	
		For Painted, Deduct	*-0.08*	
		For Perforated Or Slotted, Add	*0.08*	
		For Up To 100, Add	*1.27*	
		For >100 To 500, Add	*0.60*	
		For >500 To 1500, Add	*0.28*	
05 31 00 00-0012	SF	1-15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	3.03	
		For Painted, Deduct	*-0.09*	
		For Perforated Or Slotted, Add	*0.09*	
		For Up To 100, Add	*1.37*	
		For >100 To 500, Add	*0.66*	
		For >500 To 1500, Add	*0.30*	
05 31 00 00-0013	SF	1-15/16" Deep, 20 Gauge Open Ribbed Galvanized Steel Form Deck	3.37	
		For Painted, Deduct	*-0.10*	
		For Perforated Or Slotted, Add	*0.10*	
		For Up To 100, Add	*1.55*	
		For >100 To 500, Add	*0.74*	
		For >500 To 1500, Add	*0.34*	

05 31 00 00-0014 Open Ribbed Galvanized Steel Deck *(05 31)*

05 31 00 00-0015	SF	1" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	2.19	
		For Painted, Deduct	*-0.06*	
		For Perforated Or Slotted, Add	*0.06*	
		For Site Installed Insulation Between Ribs, Add	*0.62*	
		For Up To 100, Add	*1.10*	
		For >100 To 500, Add	*0.51*	
		For >500 To 1500, Add	*0.25*	
05 31 00 00-0016	SF	1" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	2.52	
		For Painted, Deduct	*-0.07*	
		For Perforated Or Slotted, Add	*0.07*	
		For Site Installed Insulation Between Ribs, Add	*0.72*	
		For Up To 100, Add	*1.29*	
		For >100 To 500, Add	*0.60*	
		For >500 To 1500, Add	*0.29*	
05 31 00 00-0017	SF	1" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	3.13	
		For Painted, Deduct	*-0.09*	
		For Perforated Or Slotted, Add	*0.09*	
		For Site Installed Insulation Between Ribs, Add	*0.89*	
		For Up To 100, Add	*1.56*	
		For >100 To 500, Add	*0.73*	
		For >500 To 1500, Add	*0.35*	
05 31 00 00-0018	SF	1-1/2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	2.43	
		For Painted, Deduct	*-0.07*	
		For Perforated Or Slotted, Add	*0.07*	
		For Site Installed Insulation Between Ribs, Add	*0.69*	
		For Up To 100, Add	*1.24*	
		For >100 To 500, Add	*0.58*	
		For >500 To 1500, Add	*0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 00 00-0019	SF	1-1/2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	2.79	
		For Painted, Deduct	*-0.08*	
		For Perforated Or Slotted, Add	*0.08*	
		For Site Installed Insulation Between Ribs, Add	*0.79*	
		For Up To 100, Add	*1.42*	
		For >100 To 500, Add	*0.66*	
		For >500 To 1500, Add	*0.32*	
05 31 00 00-0020	SF	1-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	3.47	
		For Painted, Deduct	*-0.10*	
		For Perforated Or Slotted, Add	*0.10*	
		For Site Installed Insulation Between Ribs, Add	*0.98*	
		For Up To 100, Add	*1.74*	
		For >100 To 500, Add	*0.81*	
		For >500 To 1500, Add	*0.39*	
05 31 00 00-0021	SF	3" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	2.95	
		For Painted, Deduct	*-0.09*	
		For Perforated Or Slotted, Add	*0.09*	
		For Site Installed Insulation Between Ribs, Add	*0.83*	
		For Up To 100, Add	*1.40*	
		For >100 To 500, Add	*0.66*	
		For >500 To 1500, Add	*0.31*	
05 31 00 00-0022	SF	3" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	3.42	
		For Painted, Deduct	*-0.10*	
		For Perforated Or Slotted, Add	*0.10*	
		For Site Installed Insulation Between Ribs, Add	*0.96*	
		For Up To 100, Add	*1.59*	
		For >100 To 500, Add	*0.76*	
		For >500 To 1500, Add	*0.35*	
05 31 00 00-0023	SF	3" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	4.25	
		For Painted, Deduct	*-0.13*	
		For Perforated Or Slotted, Add	*0.13*	
		For Site Installed Insulation Between Ribs, Add	*1.19*	
		For Up To 100, Add	*1.97*	
		For >100 To 500, Add	*0.94*	
		For >500 To 1500, Add	*0.43*	
05 31 00 00-0024	SF	3" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	5.29	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Site Installed Insulation Between Ribs, Add	*1.48*	
		For Up To 100, Add	*2.40*	
		For >100 To 500, Add	*1.15*	
		For >500 To 1500, Add	*0.52*	
05 31 00 00-0025	SF	4-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	6.97	
		For Painted, Deduct	*-0.25*	
		For Perforated Or Slotted, Add	*0.25*	
		For Site Installed Insulation Between Ribs, Add	*1.88*	
		For Up To 100, Add	*2.39*	
		For >100 To 500, Add	*1.26*	
		For >500 To 1500, Add	*0.47*	
05 31 00 00-0026	SF	4-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	8.77	
		For Painted, Deduct	*-0.32*	
		For Perforated Or Slotted, Add	*0.32*	
		For Site Installed Insulation Between Ribs, Add	*2.36*	
		For Up To 100, Add	*2.94*	
		For >100 To 500, Add	*1.56*	
		For >500 To 1500, Add	*0.57*	
05 31 00 00-0027	SF	6" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	7.66	
		For Painted, Deduct	*-0.30*	
		For Perforated Or Slotted, Add	*0.30*	
		For Site Installed Insulation Between Ribs, Add	*2.04*	
		For Up To 100, Add	*2.28*	
		For >100 To 500, Add	*1.27*	
		For >500 To 1500, Add	*0.42*	
05 31 00 00-0028	SF	6" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	8.26	
		For Painted, Deduct	*-0.31*	
		For Perforated Or Slotted, Add	*0.31*	
		For Site Installed Insulation Between Ribs, Add	*2.22*	
		For Up To 100, Add	*2.70*	
		For >100 To 500, Add	*1.45*	
		For >500 To 1500, Add	*0.52*	
05 31 00 00-0029	SF	6" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	10.27	
		For Painted, Deduct	*-0.39*	
		For Perforated Or Slotted, Add	*0.39*	
		For Site Installed Insulation Between Ribs, Add	*2.76*	
		For Up To 100, Add	*3.30*	
		For >100 To 500, Add	*1.79*	
		For >500 To 1500, Add	*0.63*	
05 31 00 00-0030	SF	7-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	9.13	
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Site Installed Insulation Between Ribs, Add	*2.45*	
		For Up To 100, Add	*2.97*	
		For >100 To 500, Add	*1.60*	
		For >500 To 1500, Add	*0.57*	
05 31 00 00-0031	SF	7-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	11.31	
		For Painted, Deduct	*-0.43*	
		For Perforated Or Slotted, Add	*0.43*	
		For Site Installed Insulation Between Ribs, Add	*3.04*	
		For Up To 100, Add	*3.62*	
		For >100 To 500, Add	*1.96*	
		For >500 To 1500, Add	*0.69*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 00 00-0032		**Cellular Galvanized Steel Deck** *(05 31)* Note: Cellular decking is made of a top ribbed sheet and a flat bottom sheet welded together to create hollow longitudinal cells within the panels.		
05 31 00 00-0033	SF	1" Deep, 22/18 Gauge Cellular Galvanized Steel Deck	6.20	
		For Painted, Deduct	*-0.22*	
		For Perforated Or Slotted, Add	*0.22*	
		For Insulated Cells, Add	*1.00*	
		For Site Installed Insulation Between Ribs, Add	*1.68*	
		For Up To 100, Add	*2.20*	
		For >100 To 500, Add	*1.15*	
		For >500 To 1500, Add	*0.44*	
05 31 00 00-0034	SF	1" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	7.04	
		For Painted, Deduct	*-0.24*	
		For Perforated Or Slotted, Add	*0.24*	
		For Insulated Cells, Add	*1.06*	
		For Site Installed Insulation Between Ribs, Add	*1.93*	
		For Up To 100, Add	*2.80*	
		For >100 To 500, Add	*1.40*	
		For >500 To 1500, Add	*0.58*	
05 31 00 00-0035	SF	1-1/2" Deep, 22/18 Gauge Cellular Galvanized Steel Deck	7.39	
		For Painted, Deduct	*-0.28*	
		For Perforated Or Slotted, Add	*0.28*	
		For Insulated Cells, Add	*1.25*	
		For Site Installed Insulation Between Ribs, Add	*1.98*	
		For Up To 100, Add	*2.40*	
		For >100 To 500, Add	*1.29*	
		For >500 To 1500, Add	*0.46*	
05 31 00 00-0036	SF	1-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	8.32	
		For Painted, Deduct	*-0.29*	
		For Perforated Or Slotted, Add	*0.29*	
		For Insulated Cells, Add	*1.32*	
		For Site Installed Insulation Between Ribs, Add	*2.26*	
		For Up To 100, Add	*3.04*	
		For >100 To 500, Add	*1.57*	
		For >500 To 1500, Add	*0.61*	
05 31 00 00-0037	SF	3" Deep, 20/18 Gauge Cellular Galvanized Steel Deck	8.57	
		For Painted, Deduct	*-0.32*	
		For Perforated Or Slotted, Add	*0.32*	
		For Insulated Cells, Add	*1.42*	
		For Site Installed Insulation Between Ribs, Add	*2.31*	
		For Up To 100, Add	*2.87*	
		For >100 To 500, Add	*1.53*	
		For >500 To 1500, Add	*0.56*	
05 31 00 00-0038	SF	3" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	10.15	
		For Painted, Deduct	*-0.38*	
		For Perforated Or Slotted, Add	*0.38*	
		For Insulated Cells, Add	*1.71*	
		For Site Installed Insulation Between Ribs, Add	*2.73*	
		For Up To 100, Add	*3.33*	
		For >100 To 500, Add	*1.79*	
		For >500 To 1500, Add	*0.64*	
05 31 00 00-0039	SF	3" Deep, 18/16 Gauge Cellular Galvanized Steel Deck	11.31	
		For Painted, Deduct	*-0.43*	
		For Perforated Or Slotted, Add	*0.43*	
		For Insulated Cells, Add	*1.92*	
		For Site Installed Insulation Between Ribs, Add	*3.04*	
		For Up To 100, Add	*3.62*	
		For >100 To 500, Add	*1.96*	
		For >500 To 1500, Add	*0.69*	
05 31 00 00-0040	SF	3" Deep, 16/16 Gauge Cellular Galvanized Steel Deck	12.38	
		For Painted, Deduct	*-0.46*	
		For Perforated Or Slotted, Add	*0.46*	
		For Insulated Cells, Add	*2.08*	
		For Site Installed Insulation Between Ribs, Add	*3.33*	
		For Up To 100, Add	*4.07*	
		For >100 To 500, Add	*2.18*	
		For >500 To 1500, Add	*0.79*	
05 31 00 00-0041	SF	4-1/2" Deep, 20/18 Gauge Cellular Galvanized Steel Deck	12.37	
		For Painted, Deduct	*-0.51*	
		For Perforated Or Slotted, Add	*0.51*	
		For Insulated Cells, Add	*2.29*	
		For Site Installed Insulation Between Ribs, Add	*3.26*	
		For Up To 100, Add	*3.22*	
		For >100 To 500, Add	*1.90*	
		For >500 To 1500, Add	*0.55*	
05 31 00 00-0042	SF	4-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	13.36	
		For Painted, Deduct	*-0.54*	
		For Perforated Or Slotted, Add	*0.54*	
		For Insulated Cells, Add	*2.42*	
		For Site Installed Insulation Between Ribs, Add	*3.54*	
		For Up To 100, Add	*3.69*	
		For >100 To 500, Add	*2.12*	
		For >500 To 1500, Add	*0.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 00 00-0043	SF	4-1/2" Deep, 18/16 Gauge Cellular Galvanized Steel Deck	14.15	
		For Painted, Deduct	*-0.57*	
		For Perforated Or Slotted, Add	*0.57*	
		For Insulated Cells, Add	*2.55*	
		For Site Installed Insulation Between Ribs, Add	*3.75*	
		For Up To 100, Add	*3.94*	
		For >100 To 500, Add	*2.26*	
		For >500 To 1500, Add	*0.70*	
05 31 00 00-0044	SF	4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck	15.11	
		For Painted, Deduct	*-0.60*	
		For Perforated Or Slotted, Add	*0.60*	
		For Insulated Cells, Add	*2.72*	
		For Site Installed Insulation Between Ribs, Add	*4.00*	
		For Up To 100, Add	*4.23*	
		For >100 To 500, Add	*2.42*	
		For >500 To 1500, Add	*0.76*	

05 36 Composite Metal Decking *(05 30)*

See CSI section 03 30 00 00-0000 for concrete.

05 36 00 00-0001 Composite Open Ribbed Galvanized Steel Deck *(05 36)*

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab.

05 36 00 00-0002	SF	1-1/2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	2.49	
		For Painted, Deduct	*-0.07*	
		For Perforated Or Slotted, Add	*0.07*	
		For Up To 100, Add	*1.21*	
		For >100 To 500, Add	*0.57*	
		For >500 To 1500, Add	*0.27*	
05 36 00 00-0003	SF	1-1/2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	2.68	
		For Painted, Deduct	*-0.07*	
		For Perforated Or Slotted, Add	*0.07*	
		For Up To 100, Add	*1.34*	
		For >100 To 500, Add	*0.63*	
		For >500 To 1500, Add	*0.30*	
05 36 00 00-0004	SF	1-1/2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	3.04	
		For Painted, Deduct	*-0.08*	
		For Perforated Or Slotted, Add	*0.08*	
		For Up To 100, Add	*1.63*	
		For >100 To 500, Add	*0.75*	
		For >500 To 1500, Add	*0.37*	
05 36 00 00-0005	SF	1-1/2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	3.38	
		For Painted, Deduct	*-0.08*	
		For Perforated Or Slotted, Add	*0.08*	
		For Up To 100, Add	*1.92*	
		For >100 To 500, Add	*0.87*	
		For >500 To 1500, Add	*0.44*	
05 36 00 00-0006	SF	2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	2.68	
		For Painted, Deduct	*-0.07*	
		For Perforated Or Slotted, Add	*0.07*	
		For Up To 100, Add	*1.34*	
		For >100 To 500, Add	*0.63*	
		For >500 To 1500, Add	*0.30*	
05 36 00 00-0007	SF	2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	2.90	
		For Painted, Deduct	*-0.08*	
		For Perforated Or Slotted, Add	*0.08*	
		For Up To 100, Add	*1.47*	
		For >100 To 500, Add	*0.68*	
		For >500 To 1500, Add	*0.33*	
05 36 00 00-0008	SF	2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	3.27	
		For Painted, Deduct	*-0.08*	
		For Perforated Or Slotted, Add	*0.08*	
		For Up To 100, Add	*1.76*	
		For >100 To 500, Add	*0.80*	
		For >500 To 1500, Add	*0.40*	
05 36 00 00-0009	SF	2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	3.62	
		For Painted, Deduct	*-0.09*	
		For Perforated Or Slotted, Add	*0.09*	
		For Up To 100, Add	*2.05*	
		For >100 To 500, Add	*0.93*	
		For >500 To 1500, Add	*0.47*	
05 36 00 00-0010	SF	3" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	2.80	
		For Painted, Deduct	*-0.08*	
		For Perforated Or Slotted, Add	*0.08*	
		For Up To 100, Add	*1.39*	
		For >100 To 500, Add	*0.65*	
		For >500 To 1500, Add	*0.31*	
05 36 00 00-0011	SF	3" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	3.03	
		For Painted, Deduct	*-0.08*	
		For Perforated Or Slotted, Add	*0.08*	
		For Up To 100, Add	*1.55*	
		For >100 To 500, Add	*0.72*	
		For >500 To 1500, Add	*0.35*	
05 36 00 00-0012	SF	3" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	3.46	
		For Painted, Deduct	*-0.09*	
		For Perforated Or Slotted, Add	*0.09*	
		For Up To 100, Add	*1.89*	
		For >100 To 500, Add	*0.86*	
		For >500 To 1500, Add	*0.43*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0013		SF	3" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	3.90	
			For Painted, Deduct	*-0.09*	
			For Perforated Or Slotted, Add	*0.09*	
			For Up To 100, Add	*2.23*	
			For >100 To 500, Add	*1.00*	
			For >500 To 1500, Add	*0.51*	

05 36 00 00-0014 Composite Cellular Galvanized Steel Deck *(05 36)*

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab. Cellular decking is made of a top ribbed sheet and a bottom flat sheet welded together to create hollow longitudinal cells within the panels.

05 36 00 00-0015		SF	1-1/2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	4.54	
			For Painted, Deduct	*-0.13*	
			For Perforated Or Slotted, Add	*0.13*	
			For Insulated Cells, Add	*0.59*	
			For Up To 100, Add	*2.18*	
			For >100 To 500, Add	*1.03*	
			For >500 To 1500, Add	*0.48*	
05 36 00 00-0016		SF	1-1/2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	4.87	
			For Painted, Deduct	*-0.14*	
			For Perforated Or Slotted, Add	*0.14*	
			For Insulated Cells, Add	*0.62*	
			For Up To 100, Add	*2.40*	
			For >100 To 500, Add	*1.12*	
			For >500 To 1500, Add	*0.53*	
05 36 00 00-0017		SF	1-1/2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	4.95	
			For Painted, Deduct	*-0.14*	
			For Perforated Or Slotted, Add	*0.14*	
			For Insulated Cells, Add	*0.62*	
			For Up To 100, Add	*2.48*	
			For >100 To 500, Add	*1.16*	
			For >500 To 1500, Add	*0.55*	
05 36 00 00-0018		SF	1-1/2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	5.30	
			For Painted, Deduct	*-0.14*	
			For Perforated Or Slotted, Add	*0.14*	
			For Insulated Cells, Add	*0.64*	
			For Up To 100, Add	*2.74*	
			For >100 To 500, Add	*1.27*	
			For >500 To 1500, Add	*0.61*	
05 36 00 00-0019		SF	1-1/2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	5.69	
			For Painted, Deduct	*-0.15*	
			For Perforated Or Slotted, Add	*0.15*	
			For Insulated Cells, Add	*0.68*	
			For Up To 100, Add	*2.95*	
			For >100 To 500, Add	*1.36*	
			For >500 To 1500, Add	*0.66*	
05 36 00 00-0020		SF	1-1/2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	5.77	
			For Painted, Deduct	*-0.15*	
			For Perforated Or Slotted, Add	*0.15*	
			For Insulated Cells, Add	*0.68*	
			For Up To 100, Add	*3.03*	
			For >100 To 500, Add	*1.40*	
			For >500 To 1500, Add	*0.68*	
05 36 00 00-0021		SF	1-1/2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	6.12	
			For Painted, Deduct	*-0.16*	
			For Perforated Or Slotted, Add	*0.16*	
			For Insulated Cells, Add	*0.71*	
			For Up To 100, Add	*3.29*	
			For >100 To 500, Add	*1.51*	
			For >500 To 1500, Add	*0.75*	
05 36 00 00-0022		SF	2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	4.71	
			For Painted, Deduct	*-0.13*	
			For Perforated Or Slotted, Add	*0.13*	
			For Insulated Cells, Add	*0.60*	
			For Up To 100, Add	*2.31*	
			For >100 To 500, Add	*1.08*	
			For >500 To 1500, Add	*0.51*	
05 36 00 00-0023		SF	2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	4.99	
			For Painted, Deduct	*-0.14*	
			For Perforated Or Slotted, Add	*0.14*	
			For Insulated Cells, Add	*0.63*	
			For Up To 100, Add	*2.48*	
			For >100 To 500, Add	*1.16*	
			For >500 To 1500, Add	*0.55*	
05 36 00 00-0024		SF	2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	5.08	
			For Painted, Deduct	*-0.14*	
			For Perforated Or Slotted, Add	*0.14*	
			For Insulated Cells, Add	*0.63*	
			For Up To 100, Add	*2.57*	
			For >100 To 500, Add	*1.20*	
			For >500 To 1500, Add	*0.57*	
05 36 00 00-0025		SF	2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	5.47	
			For Painted, Deduct	*-0.15*	
			For Perforated Or Slotted, Add	*0.15*	
			For Insulated Cells, Add	*0.66*	
			For Up To 100, Add	*2.82*	
			For >100 To 500, Add	*1.31*	
			For >500 To 1500, Add	*0.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0026	SF	2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	5.81	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Insulated Cells, Add	*0.69*	
		For Up To 100, Add	*3.04*	
		For >100 To 500, Add	*1.40*	
		For >500 To 1500, Add	*0.68*	
05 36 00 00-0027	SF	2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	5.93	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Insulated Cells, Add	*0.69*	
		For Up To 100, Add	*3.16*	
		For >100 To 500, Add	*1.45*	
		For >500 To 1500, Add	*0.71*	
05 36 00 00-0028	SF	2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	6.27	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Insulated Cells, Add	*0.72*	
		For Up To 100, Add	*3.38*	
		For >100 To 500, Add	*1.55*	
		For >500 To 1500, Add	*0.77*	
05 36 00 00-0029	SF	3" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	4.72	
		For Painted, Deduct	*-0.13*	
		For Perforated Or Slotted, Add	*0.13*	
		For Insulated Cells, Add	*0.60*	
		For Up To 100, Add	*2.31*	
		For >100 To 500, Add	*1.08*	
		For >500 To 1500, Add	*0.51*	
05 36 00 00-0030	SF	3" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	5.03	
		For Painted, Deduct	*-0.14*	
		For Perforated Or Slotted, Add	*0.14*	
		For Insulated Cells, Add	*0.63*	
		For Up To 100, Add	*2.52*	
		For >100 To 500, Add	*1.18*	
		For >500 To 1500, Add	*0.56*	
05 36 00 00-0031	SF	3" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	5.16	
		For Painted, Deduct	*-0.14*	
		For Perforated Or Slotted, Add	*0.14*	
		For Insulated Cells, Add	*0.63*	
		For Up To 100, Add	*2.65*	
		For >100 To 500, Add	*1.23*	
		For >500 To 1500, Add	*0.59*	
05 36 00 00-0032	SF	3" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	5.53	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Insulated Cells, Add	*0.67*	
		For Up To 100, Add	*2.87*	
		For >100 To 500, Add	*1.32*	
		For >500 To 1500, Add	*0.64*	
05 36 00 00-0033	SF	3" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	5.90	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Insulated Cells, Add	*0.70*	
		For Up To 100, Add	*3.08*	
		For >100 To 500, Add	*1.42*	
		For >500 To 1500, Add	*0.69*	
05 36 00 00-0034	SF	3" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	6.07	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Insulated Cells, Add	*0.70*	
		For Up To 100, Add	*3.25*	
		For >100 To 500, Add	*1.49*	
		For >500 To 1500, Add	*0.74*	
05 36 00 00-0035	SF	3" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	6.36	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Insulated Cells, Add	*0.72*	
		For Up To 100, Add	*3.47*	
		For >100 To 500, Add	*1.58*	
		For >500 To 1500, Add	*0.79*	

05 40 Cold-Formed Metal Framing *(05)*

Note: Includes all connecting bolts and welds.

05 41 Structural Metal Stud Framing *(05 40)*

Note: Includes all necessary framing studs, bridging, fasteners necessary to attach to floors, walls, ceilings and a metal stiffener at half height. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage.

05 41 00 00-0001 18 Gauge, Load Bearing, Structural Metal Framing *(05 41)*

05 41 00 00-0002	SF	2-1/2" Width, 18 Gauge, Load Bearing, Structural Metal Framing Stud With Tracks And Runners, 16" On Center	2.74	0.70
		For Walls >10' High, Add	*0.55*	
		For Curved Wall, Add	*0.49*	
		For Up To 200, Add	*0.88*	
		For >200 To 500, Add	*0.44*	
		For 12" On Center, Add	*0.47*	
		For 24" On Center, Deduct	*-0.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 41 00 00-0003	SF	3-5/8" Width, 18 Gauge, Load Bearing, Structural Metal Framing Stud With Tracks And Runners, 16" On Center	3.49	0.70
		For Walls >10' High, Add	*0.70*	
		For Curved Wall, Add	*0.52*	
		For Up To 200, Add	*1.04*	
		For >200 To 500, Add	*0.52*	
		For 12" On Center, Add	*0.61*	
		For 24" On Center, Deduct	*-0.61*	
05 41 00 00-0004	SF	4" Width, 18 Gauge, Load Bearing, Structural Metal Framing Stud With Tracks And Runners, 16" On Center	3.64	0.70
		For Walls >10' High, Add	*0.73*	
		For Curved Wall, Add	*0.54*	
		For Up To 200, Add	*1.09*	
		For >200 To 500, Add	*0.54*	
		For 12" On Center, Add	*0.64*	
		For 24" On Center, Deduct	*-0.64*	
05 41 00 00-0005	SF	6" Width, 18 Gauge, Load Bearing, Structural Metal Framing Stud With Tracks And Runners, 16" On Center	4.54	0.78
		For Walls >10' High, Add	*0.91*	
		For Curved Wall, Add	*0.56*	
		For Up To 200, Add	*1.28*	
		For >200 To 500, Add	*0.64*	
		For 12" On Center, Add	*0.81*	
		For 24" On Center, Deduct	*-0.81*	
05 41 00 00-0006	SF	8" Width, 18 Gauge, Load Bearing, Structural Metal Framing Stud With Tracks And Runners, 16" On Center	5.02	0.86
		For Walls >10' High, Add	*1.00*	
		For Curved Wall, Add	*0.59*	
		For Up To 200, Add	*1.39*	
		For >200 To 500, Add	*0.70*	
		For 12" On Center, Add	*0.91*	
		For 24" On Center, Deduct	*-0.91*	
05 41 00 00-0007		16 Gauge, Load Bearing, Structural Metal Framing *(05 41)*		
05 41 00 00-0008	SF	2-1/2" Width, 16 Gauge, Load Bearing, Structural Metal Framing Stud With Tracks And Runners, 16" On Center	3.37	0.70
		For Walls >10' High, Add	*0.67*	
		For Curved Wall, Add	*0.52*	
		For Up To 200, Add	*1.02*	
		For >200 To 500, Add	*0.51*	
		For 12" On Center, Add	*0.59*	
		For 24" On Center, Deduct	*-0.59*	
05 41 00 00-0009	SF	3-5/8" Width, 16 Gauge, Load Bearing, Structural Metal Framing Stud With Tracks And Runners, 16" On Center	3.85	0.71
		For Walls >10' High, Add	*0.77*	
		For Curved Wall, Add	*0.54*	
		For Up To 200, Add	*1.13*	
		For >200 To 500, Add	*0.57*	
		For 12" On Center, Add	*0.68*	
		For 24" On Center, Deduct	*-0.68*	
05 41 00 00-0010	SF	4" Width, 16 Gauge, Load Bearing, Structural Metal Framing Stud With Tracks And Runners, 16" On Center	4.06	0.71
		For Walls >10' High, Add	*0.81*	
		For Curved Wall, Add	*0.56*	
		For Up To 200, Add	*1.19*	
		For >200 To 500, Add	*0.59*	
		For 12" On Center, Add	*0.72*	
		For 24" On Center, Deduct	*-0.72*	
05 41 00 00-0011	SF	6" Width, 16 Gauge, Load Bearing, Structural Metal Framing Stud With Tracks And Runners, 16" On Center	5.05	0.86
		For Walls >10' High, Add	*1.01*	
		For Curved Wall, Add	*0.59*	
		For Up To 200, Add	*1.41*	
		For >200 To 500, Add	*0.70*	
		For 12" On Center, Add	*0.91*	
		For 24" On Center, Deduct	*-0.91*	
05 41 00 00-0012	SF	8" Width, 16 Gauge, Load Bearing, Structural Metal Framing Stud With Tracks And Runners, 16" On Center	5.53	0.93
		For Walls >10' High, Add	*1.11*	
		For Curved Wall, Add	*0.62*	
		For Up To 200, Add	*1.52*	
		For >200 To 500, Add	*0.76*	
		For 12" On Center, Add	*1.00*	
		For 24" On Center, Deduct	*-1.00*	
05 41 00 00-0013		14 Gauge, Load Bearing, Structural Metal Framing *(05 41)*		
05 41 00 00-0014	SF	3-5/8" Width, 14 Gauge, Load Bearing, Structural Metal Framing Stud With Tracks And Runners, 16" On Center	4.58	0.97
		For Walls >10' High, Add	*0.92*	
		For Curved Wall, Add	*0.65*	
		For Up To 200, Add	*1.35*	
		For >200 To 500, Add	*0.68*	
		For 12" On Center, Add	*0.81*	
		For 24" On Center, Deduct	*-0.81*	
05 41 00 00-0015	SF	4" Width, 14 Gauge, Load Bearing, Structural Metal Framing Stud With Tracks And Runners, 16" On Center	4.71	1.00
		For Walls >10' High, Add	*0.94*	
		For Curved Wall, Add	*0.66*	
		For Up To 200, Add	*1.38*	
		For >200 To 500, Add	*0.69*	
		For 12" On Center, Add	*0.83*	
		For 24" On Center, Deduct	*-0.83*	
05 41 00 00-0016	SF	6" Width, 14 Gauge, Load Bearing, Structural Metal Framing Stud With Tracks And Runners, 16" On Center	5.80	1.05
		For Walls >10' High, Add	*1.16*	
		For Curved Wall, Add	*0.70*	
		For Up To 200, Add	*1.62*	
		For >200 To 500, Add	*0.81*	
		For 12" On Center, Add	*1.04*	
		For 24" On Center, Deduct	*-1.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 41 00 00-0017	SF	8" Width, 14 Gauge, Load Bearing, Structural Metal Framing Stud With Tracks And Runners, 16" On Center	6.34	1.10
		For Walls >10' High, Add	*1.27*	
		For Curved Wall, Add	*0.73*	
		For Up To 200, Add	*1.75*	
		For >200 To 500, Add	*0.88*	
		For 12" On Center, Add	*1.15*	
		For 24" On Center, Deduct	*-1.15*	

05 42 Cold-Formed Metal Joist Framing *(05 40)*

05 42 33 Cold-Formed Metal Joist Framing *(05 42)*

05 42 33 00-0001 Steel Joists, 18 Gauge *(05 42 33)*

05 42 33 00-0002	LF	5-1/2" - 18 Gauge Steel Joists	7.11	1.87
05 42 33 00-0003	LF	6" - 18 Gauge Steel Joists	7.88	2.34
05 42 33 00-0004	LF	7-1/4" - 18 Gauge Steel Joists	8.56	2.57
05 42 33 00-0005	LF	8" - 18 Gauge Steel Joists	9.69	2.73

05 42 33 00-0006 Steel Joists, 16 Gauge *(05 42 33)*

05 42 33 00-0007	LF	7-1/4" - 16 Gauge Steel Joists	9.19	2.59
05 42 33 00-0008	LF	8" - 16 Gauge Steel Joists	9.71	2.73

05 42 33 00-0009 Steel Joists, 14 Gauge *(05 42 33)*

05 42 33 00-0010	LF	9-1/4" - 14 Gauge Steel Joists	10.84	2.73
05 42 33 00-0011	LF	11-1/2" - 14 Gauge Steel Joists	11.75	2.88

05 43 Slotted Channel Framing *(05 40)*

05 43 00 00-0001 Unistrut Channel *(05 43)*

05 43 00 00-0002 Steel Unistrut Channel *(05 43 00 00-0001)*

05 43 00 00-0003	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	7.74	1.95
		For Galvanizing, Add	*0.65*	
		For Powder Coating, Add	*0.57*	
05 43 00 00-0004	LF	1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	7.93	1.95
		For Galvanizing, Add	*0.68*	
		For Powder Coating, Add	*0.60*	
05 43 00 00-0005	LF	1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	8.22	1.95
		For Galvanizing, Add	*0.73*	
		For Powder Coating, Add	*0.65*	
05 43 00 00-0006	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	7.37	1.95
		For Galvanizing, Add	*0.59*	
		For Powder Coating, Add	*0.52*	
05 43 00 00-0007	LF	1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel	6.56	1.95
		For Galvanizing, Add	*0.45*	
		For Powder Coating, Add	*0.40*	

05 43 00 00-0008 Stainless Steel Unistrut Channel *(05 43 00 00-0001)*

05 43 00 00-0009	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Stainless Steel Unistrut Channel	20.12	1.95
05 43 00 00-0010	LF	1-5/8" Wide x 13/16" High, 14 Gauge, Stainless Steel Unistrut Channel	13.52	1.95

05 43 00 00-0011 Unistrut Closure Strips *(05 43)*

05 43 00 00-0012	LF	Raceway Closure Strip For Unistrut Channel	3.75	0.43

05 43 00 00-0013 Lock Nuts With Spring For Unistrut Channel *(05 43)*

Note: Includes hex bolt.

05 43 00 00-0014	EA	1/4-20 Lock Nut With Spring For Unistrut Channel	5.45	
05 43 00 00-0015	EA	3/8-16 Lock Nut With Spring For Unistrut Channel	5.85	
05 43 00 00-0016	EA	1/2-13 Lock Nut With Spring For Unistrut Channel	6.14	
05 43 00 00-0017	EA	5/8-11 Lock Nut With Spring For Unistrut Channel	7.74	

05 43 00 00-0018 Lock Nuts Without Spring For Unistrut Channel *(05 43)*

Note: Includes hex bolt.

05 43 00 00-0019	EA	1/4-20 Lock Nut Without Spring For Unistrut Channel	5.46	
05 43 00 00-0020	EA	3/8-16 Lock Nut Without Spring For Unistrut Channel	5.90	
05 43 00 00-0021	EA	1/2-13 Lock Nut Without Spring For Unistrut Channel	6.17	
05 43 00 00-0022	EA	5/8-11 Lock Nut Without Spring For Unistrut Channel	8.20	

05 43 00 00-0023 Beam Clamp For Unistrut Channel *(05 43)*

05 43 00 00-0024	EA	Unistrut Beam Clamp, 1-5/8" Channel P2675	16.32	6.50
05 43 00 00-0025	EA	Unistrut Beam Clamp, 1-5/8" Channel P2676	19.40	6.50
05 43 00 00-0026	EA	Add For Unistrut Swivel Nut, P2676	1.68	

05 43 00 00-0027 Beam Clamp Clevis Hangers *(05 43)*

05 43 00 00-0028	EA	Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674)	17.39	6.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0029	EA	Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677)	19.85	6.50
05 43 00 00-0030	EA	Add For Unistrut Swivel Nut	1.68	
05 43 00 00-0031	EA	Unistrut Bracket For Shelves	44.13	8.68

05 43 00 00-0032 Pipe And Rigid Conduit Clamps *(05 43)*

05 43 00 00-0033 Pipe And Rigid Conduit Clamps *(05 43 00 00-0032)*

Note: Includes stainless steel (316) hardware.

05 43 00 00-0034	PR	1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	5.87	1.56
05 43 00 00-0035	PR	3/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	6.04	1.56
05 43 00 00-0036	PR	1" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	6.82	1.89
05 43 00 00-0037	PR	1-1/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	7.19	2.06
05 43 00 00-0038	PR	1-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	9.42	2.31
05 43 00 00-0039	PR	2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	9.42	2.31
05 43 00 00-0040	PR	2-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	14.18	3.88
05 43 00 00-0041	PR	3" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	14.51	3.88
05 43 00 00-0042	PR	3-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	15.39	4.29
05 43 00 00-0043	PR	4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	17.11	4.62

05 43 00 00-0044 Pipe And Rigid Conduit Clamps *(05 43 00 00-0032)*

Note: Includes nylon hardware.

05 43 00 00-0045	PR	1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	5.97	1.56
05 43 00 00-0046	PR	3/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	6.14	1.56
05 43 00 00-0047	PR	1" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	6.92	1.89
05 43 00 00-0048	PR	1-1/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	7.30	2.06
05 43 00 00-0049	PR	1-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	9.59	2.31
05 43 00 00-0050	PR	2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	9.59	2.31
05 43 00 00-0051	PR	2-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	14.41	3.88
05 43 00 00-0052	PR	3" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	14.75	3.88
05 43 00 00-0053	PR	3-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	15.64	4.29
05 43 00 00-0054	PR	4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	17.39	4.62

05 44 Cold-Formed Metal Trusses *(05 40)*

05 44 00 00-0001 Metal Trusses *(05 44)*

05 44 00 00-0002 4:12 Pitch Metal Trusses *(05 44 00 00-0001)*

05 44 00 00-0003	EA	28' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	380.23	80.51
		For 4" Chords, Deduct	*-65.09*	
		For 14 Gauge, Add	*91.30*	
		For 16 Gauge, Add	*34.27*	
05 44 00 00-0004	EA	30' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	393.91	81.22
		For 4" Chords, Deduct	*-69.08*	
		For 14 Gauge, Add	*95.31*	
		For 16 Gauge, Add	*36.22*	
05 44 00 00-0005	EA	32' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	404.70	81.92
		For 4" Chords, Deduct	*-72.11*	
		For 14 Gauge, Add	*98.42*	
		For 16 Gauge, Add	*37.72*	
05 44 00 00-0006	EA	34' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	428.42	85.98
		For 4" Chords, Deduct	*-76.89*	
		For 14 Gauge, Add	*104.44*	
		For 16 Gauge, Add	*40.17*	
05 44 00 00-0007	EA	36' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	449.25	90.04
		For 4" Chords, Deduct	*-80.73*	
		For 14 Gauge, Add	*109.56*	
		For 16 Gauge, Add	*42.17*	
05 44 00 00-0008	EA	38' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	460.49	90.89
		For 4" Chords, Deduct	*-83.79*	
		For 14 Gauge, Add	*112.76*	
		For 16 Gauge, Add	*43.68*	
05 44 00 00-0009	EA	40' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	474.62	91.74
		For 4" Chords, Deduct	*-87.81*	
		For 14 Gauge, Add	*116.86*	
		For 16 Gauge, Add	*45.66*	
05 44 00 00-0010	EA	42' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	497.04	96.34
		For 4" Chords, Deduct	*-91.77*	
		For 14 Gauge, Add	*122.29*	
		For 16 Gauge, Add	*47.74*	
05 44 00 00-0011	EA	44' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	522.36	100.92
		For 4" Chords, Deduct	*-96.69*	
		For 14 Gauge, Add	*128.63*	
		For 16 Gauge, Add	*50.27*	
05 44 00 00-0012	EA	46' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	544.80	105.51
		For 4" Chords, Deduct	*-100.65*	
		For 14 Gauge, Add	*134.07*	
		For 16 Gauge, Add	*52.35*	
05 44 00 00-0013	EA	48' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	570.11	110.10
		For 4" Chords, Deduct	*-105.57*	
		For 14 Gauge, Add	*140.40*	
		For 16 Gauge, Add	*54.89*	

05 44 00 00-0014 5:12 To 6:12 Pitch Metal Trusses *(05 44 00 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 44 00 00-0015	EA	28' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	459.46	100.18
		For 4" Chords, Deduct	*-76.49*	
		For 14 Gauge, Add	*109.37*	
		For 16 Gauge, Add	*40.45*	
05 44 00 00-0016	EA	30' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	473.89	101.14
		For 4" Chords, Deduct	*-80.53*	
		For 14 Gauge, Add	*113.53*	
		For 16 Gauge, Add	*42.45*	
05 44 00 00-0017	EA	32' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	488.33	102.09
		For 4" Chords, Deduct	*-84.58*	
		For 14 Gauge, Add	*117.69*	
		For 16 Gauge, Add	*44.44*	
05 44 00 00-0018	EA	34' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	520.04	108.81
		For 4" Chords, Deduct	*-90.00*	
		For 14 Gauge, Add	*125.30*	
		For 16 Gauge, Add	*47.30*	
05 44 00 00-0019	EA	36' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	551.75	115.53
		For 4" Chords, Deduct	*-95.43*	
		For 14 Gauge, Add	*132.92*	
		For 16 Gauge, Add	*50.15*	
05 44 00 00-0020	EA	38' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	489.38	116.75
		For 4" Chords, Deduct	*-93.33*	
		For 14 Gauge, Add	*121.71*	
		For 16 Gauge, Add	*48.31*	
05 44 00 00-0021	EA	40' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	582.16	117.96
		For 4" Chords, Deduct	*-103.64*	
		For 14 Gauge, Add	*141.54*	
		For 16 Gauge, Add	*54.22*	
05 44 00 00-0022	EA	42' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	611.41	123.86
		For 4" Chords, Deduct	*-108.87*	
		For 14 Gauge, Add	*148.66*	
		For 16 Gauge, Add	*56.95*	
05 44 00 00-0023	EA	44' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	640.67	129.76
		For 4" Chords, Deduct	*-114.10*	
		For 14 Gauge, Add	*155.79*	
		For 16 Gauge, Add	*59.69*	
05 44 00 00-0024	EA	46' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	669.91	135.66
		For 4" Chords, Deduct	*-119.33*	
		For 14 Gauge, Add	*162.91*	
		For 16 Gauge, Add	*62.42*	
05 44 00 00-0025	EA	48' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	699.16	141.55
		For 4" Chords, Deduct	*-124.56*	
		For 14 Gauge, Add	*170.03*	
		For 16 Gauge, Add	*65.15*	

05 45 Metal Support Assemblies *(05 40)*

05 45 13 Mechanical Metal Supports *(05 45)*

See CSI section 23 05 29 00-0000 for metal supports.

05 45 16 Electrical Metal Supports *(05 45)*

See CSI section 26 05 29 00-0000 for metal supports.

05 50 Metal Fabrications *(05)*

05 51 Metal Stairs *(05 50)*

05 51 13 Metal Pan Stairs *(05 51)*

Note: Open concrete filled metal pan stair and landing including steel stringer, safety nosing and concrete. Excludes handrail.
See CSI section 05 52 13 00-0000 for handrails.

05 51 13 00-0001 Open Concrete Filled Metal Pan Stair And Landing *(05 51 13)*

Note: Includes steel stringer, safety nosing and concrete. Excludes handrail.

05 51 13 00-0002	RSR	3'-6" Wide Open Concrete Filled Metal Pan Tread Stair	514.53	25.29
		For Closed Riser, Add	*58.28*	
05 51 13 00-0003	RSR	4'-0" Wide Open Concrete Filled Metal Pan Tread Stair	585.56	29.50
		For Closed Riser, Add	*66.22*	
05 51 13 00-0004	RSR	5'-0" Wide Open Concrete Filled Metal Pan Tread Stair	654.17	34.57
		For Closed Riser, Add	*73.76*	
05 51 13 00-0005	SF	Concrete Filled Steel Pan Landing Note: Conventional shape.	69.66	4.21

05 51 19 Metal Grating Stairs *(05 51)*

Note: Open steel grating tread metal stair and landing including steel stringers, safety nosing and 2 pipe handrail.

05 51 19 00-0001 Open Steel Grating Tread Metal Stair And Landing *(05 51 19)*

Note: Includes steel stringers, safety nosing and 2 pipe handrail.

05 51 19 00-0002	RSR	3'-6" Wide Open Steel Grating Tread Metal Stair	260.95	33.72
		For Closed Riser, Add	*30.21*	
		For Galvanized Steel, Add	*48.38*	
05 51 19 00-0003	RSR	4'-0" Wide Open Steel Grating Tread Metal Stair	280.27	38.78
		For Closed Riser, Add	*32.17*	
		For Galvanized Steel, Add	*50.68*	
05 51 19 00-0004	RSR	5'-0" Wide Open Steel Grating Tread Metal Stair	312.20	45.52
		For Closed Riser, Add	*35.58*	
		For Galvanized Steel, Add	*55.29*	
05 51 19 00-0005	SF	Steel Grating Landing With Framing And 2 Pipe Handrail Note: Conventional shape.	50.03	4.21
		For Galvanized Steel, Add	*8.29*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33		**Metal Ladders** *(05 51)*		
		Note: Includes factory prime.		
05 51 33 13		**Vertical Metal Ladders** *(05 51 33)*		
05 51 33 13-0001		Vertical Ladders *(05 51 33 13)*		
		Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7"		
05 51 33 13-0002	VLF	20" Wide Vertical Steel Ladder Primed	74.15	10.12
		For Galvanized Steel, Add	*10.60*	
		For Aluminum, Add	*21.21*	
05 51 33 13-0003	VLF	24" Wide Vertical Steel Ladder Primed	84.90	10.12
		For Galvanized Steel, Add	*13.29*	
		For Aluminum, Add	*26.58*	
05 51 33 13-0004	VLF	20" Wide Vertical Steel Caged Ladder Primed	176.94	16.86
		For Galvanized Steel, Add	*30.80*	
		For Aluminum, Add	*61.61*	
05 51 33 13-0005	VLF	24" Wide Vertical Steel Caged Ladder Primed	198.43	16.86
		For Galvanized Steel, Add	*36.18*	
		For Aluminum, Add	*72.35*	
05 51 33 13-0006		Vertical Ladders Options *(05 51 33 13)*		
05 51 33 13-0007	EA	20" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed	199.22	31.61
		Note: Extends 42" above landing surface. Includes mounting bracket.		
		For Galvanized Steel, Add	*34.00*	
		For Aluminum, Add	*68.00*	
05 51 33 13-0008	EA	24" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed	217.44	33.72
		Note: Extends 42" above landing surface. Includes mounting bracket.		
		For Galvanized Steel, Add	*37.50*	
		For Aluminum, Add	*75.00*	
05 51 33 13-0009	EA	Security Cage Entry Gate With Lockable Hasp	271.07	10.54
05 51 33 13-0010	EA	6' Security Ladder Guard	609.45	63.22
05 51 33 13-0011	EA	8' Security Ladder Guard	727.52	73.77
05 51 33 13-0012	EA	Safety Chain Attachment	108.86	
05 51 33 13-0013		Welded Steel Ladder Cages *(05 51 33 13)*		
		Note: For existing fixed ladders up to 20" wide. Excludes the ladder.		
05 51 33 13-0014		Powder Coated, Welded Steel Ladder Cages *(05 51 33 13-0013)*		
05 51 33 13-0015	EA	7-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,144.17	126.45
05 51 33 13-0016	EA	8-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,238.13	130.67
05 51 33 13-0017	EA	9-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,313.49	134.88
05 51 33 13-0018	EA	10-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,393.82	139.09
05 51 33 13-0019	EA	11-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,441.92	143.31
05 51 33 13-0020	EA	12-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,518.53	147.52
05 51 33 13-0021	EA	13-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,586.46	151.74
05 51 33 13-0022	EA	14-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,674.22	155.95
05 51 33 13-0023	EA	15-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,759.51	160.17
05 51 33 13-0024	EA	16-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,829.92	164.38
05 51 33 13-0025	EA	17-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,915.20	168.60
05 51 33 13-0026	EA	18-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,998.00	172.81
05 51 33 13-0027	EA	19-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,079.57	177.03
05 51 33 13-0028	EA	20-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,225.59	181.24
05 51 33 13-0029	EA	21-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,271.21	185.46
05 51 33 13-0030	EA	22-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,347.82	189.68
05 51 33 13-0031	EA	23-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,418.23	193.90
05 51 33 13-0032	EA	24-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,483.68	198.11
05 51 33 13-0033	EA	25-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,625.99	202.32
05 51 33 13-0034	EA	26-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,703.83	206.54
05 51 33 13-0035	EA	27-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,776.72	210.75
05 51 33 13-0036		Stainless Steel, Welded Steel Ladder Cages *(05 51 33 13-0013)*		
05 51 33 13-0037	EA	7-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	2,609.92	126.45
05 51 33 13-0038	EA	8-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	2,785.19	130.67
05 51 33 13-0039	EA	9-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,075.23	134.88
05 51 33 13-0040	EA	10-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,219.74	139.09
05 51 33 13-0041	EA	11-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,341.76	143.31
05 51 33 13-0042	EA	12-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,502.83	147.52
05 51 33 13-0043	EA	13-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,790.50	151.74
05 51 33 13-0044	EA	14-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,937.37	155.95
05 51 33 13-0045	EA	15-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,088.99	160.17
05 51 33 13-0046	EA	16-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,254.79	164.38
05 51 33 13-0047	EA	17-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,548.37	168.60
05 51 33 13-0048	EA	18-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,696.42	172.81
05 51 33 13-0049	EA	19-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,837.38	177.03
05 51 33 13-0050	EA	20-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,069.44	181.24
05 51 33 13-0051	EA	21-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,329.90	185.46
05 51 33 13-0052	EA	22-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,475.59	189.68
05 51 33 13-0053	EA	23-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,624.82	193.90
05 51 33 13-0054	EA	24-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,764.59	198.11
05 51 33 13-0055	EA	25-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,119.71	202.32
05 51 33 13-0056	EA	26-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,259.48	206.54
05 51 33 13-0057	EA	27-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,402.80	210.75

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 16		**Inclined Metal Ladders** *(05 51 33)*		
05 51 33 16-0001		Industrial Ship Ladder, Incline Stairs *(05 51 33 16)*		
		Note: Includes factory prime.		
05 51 33 16-0002	RSR	3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side	200.12	42.15
		For Aluminum, Add	*57.91*	
05 51 33 23		**Alternating Tread Ladders** *(05 51 33)*		
05 51 33 23-0001		Vertical Ladders With Alternating Tread *(05 51 33 23)*		
05 51 33 23-0002	EA	4' Vertical Height Aluminum Alternating Tread Ladder	1,336.94	126.45
		For Stainless Steel, Add	*196.80*	
		For Primed Steel, Deduct	*-191.42*	
05 51 33 23-0003	EA	5' Vertical Height Aluminum Alternating Tread Ladder	1,520.44	134.04
		For Stainless Steel, Add	*240.90*	
		For Primed Steel, Deduct	*-223.30*	
05 51 33 23-0004	EA	6' Vertical Height Aluminum Alternating Tread Ladder	1,671.98	134.04
		For Stainless Steel, Add	*288.67*	
		For Primed Steel, Deduct	*-241.55*	
05 51 33 23-0005	EA	7' Vertical Height Aluminum Alternating Tread Ladder	1,924.53	168.43
		For Stainless Steel, Add	*347.24*	
		For Primed Steel, Deduct	*-256.61*	
05 51 33 23-0006	EA	8' Vertical Height Aluminum Alternating Tread Ladder	2,101.79	174.40
		For Stainless Steel, Add	*388.99*	
		For Primed Steel, Deduct	*-298.53*	
05 51 33 23-0007	EA	9' Vertical Height Aluminum Alternating Tread Ladder	2,235.69	174.40
		For Stainless Steel, Add	*453.51*	
		For Primed Steel, Deduct	*-293.53*	
05 51 33 23-0008	EA	10' Vertical Height Aluminum Alternating Tread Ladder	2,458.38	194.54
		For Stainless Steel, Add	*497.40*	
		For Primed Steel, Deduct	*-327.55*	
05 51 33 23-0009	EA	11' Vertical Height Aluminum Alternating Tread Ladder	2,608.40	194.54
		For Stainless Steel, Add	*546.61*	
		For Primed Steel, Deduct	*-347.07*	
05 51 33 23-0010	EA	12' Vertical Height Aluminum Alternating Tread Ladder	2,725.13	194.54
		For Stainless Steel, Add	*623.99*	
		For Primed Steel, Deduct	*-346.65*	

05 52 Metal Railings *(05 50)*

05 52 13		**Pipe And Tube Railings** *(05 52)*		
		Note: Includes sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary).		
05 52 13 00-0001		Welded Steel Pipe Railing *(05 52 13)*		
		Note: Includes field welds and touch-up of welds.		
05 52 13 00-0002		Single Rail Welded Steel Pipe Railing, Up To 42" High *(05 52 13 00-0001)*		
		Note: Includes standards and one rail factory primed.		
05 52 13 00-0003	LF	1" Diameter Welded Pipe Handrail, 1 Rail, Up To 42" High With Shop Paint	30.07	8.43
		For Schedule 80 Handrail, Add	*2.94*	
		For Additional Off Set Handrail, ADA Attachment, Add	*11.86*	
		For Aluminum, Satin Finish, Add	*5.55*	
		For Aluminum, Clear Anodized Finish, Add	*8.59*	
		For Aluminum, Dark Anodized Finish, Add	*9.91*	
		For Galvanizing, Add	*5.28*	
		For Wrought Iron, Add	*3.01*	
		For Solid Steel Rails, Add	*6.01*	
		For 304 Stainless Steel, Add	*42.27*	
		For 316 Stainless Steel, Add	*47.56*	
		For 2" Wheel Guard, Add	*1.25*	
		For 4" High Kick Plate, Add	*1.65*	
		For 6" High Kick Plate, Add	*2.64*	
		For Curved Rail, Add	*12.98*	
		For Handrail With Supported Safety Edge Expanded Metal Panels, Add	*11.20*	
		For Mounting On Stairs, Add	*3.85*	
		For Mounting On Slopes, Add	*1.69*	
		For Post Base Flange With Screws, Add Per Post	*19.19*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.03*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*10.82*	
		For Nylon Coating, Add	*1.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0004	LF	1-1/2" Diameter Welded Pipe Handrail, 1 Rail, Up To 42" High With Shop Paint	34.62	8.43
		For Schedule 80 Handrail, Add	*4.33*	
		For Additional Off Set Handrail, ADA Attachment, Add	*11.86*	
		For Aluminum, Satin Finish, Add	*7.46*	
		For Aluminum, Clear Anodized Finish, Add	*11.54*	
		For Aluminum, Dark Anodized Finish, Add	*13.32*	
		For Galvanizing, Add	*7.10*	
		For Wrought Iron, Add	*3.46*	
		For Solid Steel Rails, Add	*6.92*	
		For 304 Stainless Steel, Add	*56.83*	
		For 316 Stainless Steel, Add	*63.94*	
		For 2" Wheel Guard, Add	*1.69*	
		For 4" High Kick Plate, Add	*2.22*	
		For 6" High Kick Plate, Add	*3.55*	
		For Curved Rail, Add	*15.71*	
		For Handrail With Supported Safety Edge Expanded Metal Panels, Add	*11.20*	
		For Mounting On Stairs, Add	*4.31*	
		For Mounting On Slopes, Add	*1.69*	
		For Post Base Flange With Screws, Add Per Post	*19.19*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.03*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*13.10*	
		For Nylon Coating, Add	*2.66*	
05 52 13 00-0005	LF	2" Diameter Welded Pipe Handrail, 1 Rail, Up To 42" High With Shop Paint	38.57	8.43
		For Schedule 80 Handrail, Add	*4.89*	
		For Additional Off Set Handrail, ADA Attachment, Add	*11.86*	
		For Aluminum, Satin Finish, Add	*9.12*	
		For Aluminum, Clear Anodized Finish, Add	*14.11*	
		For Aluminum, Dark Anodized Finish, Add	*16.28*	
		For Galvanizing, Add	*8.68*	
		For Wrought Iron, Add	*3.86*	
		For Solid Steel Rails, Add	*7.71*	
		For 304 Stainless Steel, Add	*69.47*	
		For 316 Stainless Steel, Add	*78.16*	
		For 2" Wheel Guard, Add	*2.06*	
		For 4" High Kick Plate, Add	*2.71*	
		For 6" High Kick Plate, Add	*4.34*	
		For Curved Rail, Add	*18.08*	
		For Handrail With Supported Safety Edge Expanded Metal Panels, Add	*11.20*	
		For Mounting On Stairs, Add	*4.70*	
		For Mounting On Slopes, Add	*1.69*	
		For Post Base Flange With Screws, Add Per Post	*19.19*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.03*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*15.07*	
		For Nylon Coating, Add	*3.26*	
05 52 13 00-0006	LF	2-1/2" Diameter Welded Pipe Handrail, 1 Rail, Up To 42" High With Shop Paint	43.30	8.43
		For Schedule 80 Handrail, Add	*5.46*	
		For Additional Off Set Handrail, ADA Attachment, Add	*11.86*	
		For Aluminum, Satin Finish, Add	*11.10*	
		For Aluminum, Clear Anodized Finish, Add	*17.19*	
		For Aluminum, Dark Anodized Finish, Add	*19.83*	
		For Galvanizing, Add	*10.58*	
		For Wrought Iron, Add	*4.33*	
		For Solid Steel Rails, Add	*8.66*	
		For 304 Stainless Steel, Add	*84.61*	
		For 316 Stainless Steel, Add	*95.18*	
		For 2" Wheel Guard, Add	*2.51*	
		For 4" High Kick Plate, Add	*3.31*	
		For 6" High Kick Plate, Add	*5.29*	
		For Curved Rail, Add	*20.92*	
		For Handrail With Supported Safety Edge Expanded Metal Panels, Add	*11.20*	
		For Mounting On Stairs, Add	*5.17*	
		For Mounting On Slopes, Add	*1.69*	
		For Post Base Flange With Screws, Add Per Post	*19.19*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.03*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*17.44*	
		For Nylon Coating, Add	*3.97*	

05 52 13 00-0007 Two Rail Welded Steel Pipe Railing, Up To 42" High *(05 52 13 00-0001)*

Note: Includes standards and two rails factory primed.

05 52 13 00-0008	LF	1" Diameter Welded Pipe Handrail, 2 Rail, Up To 42" High With Shop Paint	32.40	8.43
		For Schedule 80 Handrail, Add	*2.94*	
		For Additional Off Set Handrail, ADA Attachment, Add	*11.86*	
		For Aluminum, Satin Finish, Add	*6.53*	
		For Aluminum, Clear Anodized Finish, Add	*10.10*	
		For Aluminum, Dark Anodized Finish, Add	*11.66*	
		For Galvanizing, Add	*6.22*	
		For Wrought Iron, Add	*3.24*	
		For Solid Steel Rails, Add	*6.48*	
		For 304 Stainless Steel, Add	*49.73*	
		For 316 Stainless Steel, Add	*55.94*	
		For 2" Wheel Guard, Add	*1.48*	
		For 4" High Kick Plate, Add	*1.94*	
		For 6" High Kick Plate, Add	*3.11*	
		For Curved Rail, Add	*14.38*	
		For Handrail With Supported Safety Edge Expanded Metal Panels, Add	*11.20*	
		For Mounting On Stairs, Add	*4.08*	
		For Mounting On Slopes, Add	*1.69*	
		For Post Base Flange With Screws, Add Per Post	*19.19*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.03*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*11.99*	
		For Nylon Coating, Add	*2.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0009	LF	1-1/2" Diameter Welded Pipe Handrail, 2 Rail, Up To 42" High With Shop Paint	37.76	8.43
		For Schedule 80 Handrail, Add	*4.33*	
		For Additional Off Set Handrail, ADA Attachment, Add	*11.86*	
		For Aluminum, Satin Finish, Add	*8.78*	
		For Aluminum, Clear Anodized Finish, Add	*13.59*	
		For Aluminum, Dark Anodized Finish, Add	*15.68*	
		For Galvanizing, Add	*8.36*	
		For Wrought Iron, Add	*3.78*	
		For Solid Steel Rails, Add	*7.55*	
		For 304 Stainless Steel, Add	*66.88*	
		For 316 Stainless Steel, Add	*75.24*	
		For 2" Wheel Guard, Add	*1.99*	
		For 4" High Kick Plate, Add	*2.61*	
		For 6" High Kick Plate, Add	*4.18*	
		For Curved Rail, Add	*17.60*	
		For Handrail With Supported Safety Edge Expanded Metal Panels, Add	*11.20*	
		For Mounting On Stairs, Add	*4.62*	
		For Mounting On Slopes, Add	*1.69*	
		For Post Base Flange With Screws, Add Per Post	*19.19*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.03*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*14.67*	
		For Nylon Coating, Add	*3.14*	
05 52 13 00-0010	LF	2" Diameter Welded Pipe Handrail, 2 Rail, Up To 42" High With Shop Paint	42.40	8.43
		For Schedule 80 Handrail, Add	*4.89*	
		For Additional Off Set Handrail, ADA Attachment, Add	*11.86*	
		For Aluminum, Satin Finish, Add	*10.73*	
		For Aluminum, Clear Anodized Finish, Add	*16.60*	
		For Aluminum, Dark Anodized Finish, Add	*19.16*	
		For Galvanizing, Add	*10.22*	
		For Wrought Iron, Add	*4.24*	
		For Solid Steel Rails, Add	*8.48*	
		For 304 Stainless Steel, Add	*81.73*	
		For 316 Stainless Steel, Add	*91.94*	
		For 2" Wheel Guard, Add	*2.43*	
		For 4" High Kick Plate, Add	*3.19*	
		For 6" High Kick Plate, Add	*5.11*	
		For Curved Rail, Add	*20.38*	
		For Handrail With Supported Safety Edge Expanded Metal Panels, Add	*11.20*	
		For Mounting On Stairs, Add	*5.08*	
		For Mounting On Slopes, Add	*1.69*	
		For Post Base Flange With Screws, Add Per Post	*19.19*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.03*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*16.99*	
		For Nylon Coating, Add	*3.83*	
05 52 13 00-0011	LF	2-1/2" Diameter Welded Pipe Handrail, 2 Rail, Up To 42" High With Shop Paint	47.97	8.43
		For Schedule 80 Handrail, Add	*5.46*	
		For Additional Off Set Handrail, ADA Attachment, Add	*11.86*	
		For Aluminum, Satin Finish, Add	*13.07*	
		For Aluminum, Clear Anodized Finish, Add	*20.22*	
		For Aluminum, Dark Anodized Finish, Add	*23.33*	
		For Galvanizing, Add	*12.44*	
		For Wrought Iron, Add	*4.80*	
		For Solid Steel Rails, Add	*9.59*	
		For 304 Stainless Steel, Add	*99.55*	
		For 316 Stainless Steel, Add	*112.00*	
		For 2" Wheel Guard, Add	*2.96*	
		For 4" High Kick Plate, Add	*3.89*	
		For 6" High Kick Plate, Add	*6.22*	
		For Curved Rail, Add	*23.72*	
		For Handrail With Supported Safety Edge Expanded Metal Panels, Add	*11.20*	
		For Mounting On Stairs, Add	*5.64*	
		For Mounting On Slopes, Add	*1.69*	
		For Post Base Flange With Screws, Add Per Post	*19.19*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.03*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*19.77*	
		For Nylon Coating, Add	*4.67*	

05 52 13 00-0012 Three Rail Welded Steel Pipe Railing, Up To 42" High *(05 52 13 00-0001)*

Note: Includes standards and three rails factory primed.

05 52 13 00-0013	LF	1" Diameter Welded Pipe Handrail, 3 Rail, Up To 42" High With Shop Paint	42.45	10.12
		For Schedule 80 Handrail, Add	*4.35*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.54*	
		For Aluminum, Satin Finish, Add	*9.33*	
		For Aluminum, Clear Anodized Finish, Add	*14.44*	
		For Aluminum, Dark Anodized Finish, Add	*16.67*	
		For Galvanizing, Add	*8.89*	
		For Wrought Iron, Add	*4.25*	
		For Solid Steel Rails, Add	*8.49*	
		For 304 Stainless Steel, Add	*71.10*	
		For 316 Stainless Steel, Add	*79.99*	
		For 2" Wheel Guard, Add	*2.11*	
		For 4" High Kick Plate, Add	*2.78*	
		For 6" High Kick Plate, Add	*4.44*	
		For Curved Rail, Add	*19.40*	
		For Handrail With Supported Safety Edge Expanded Metal Panels, Add	*11.20*	
		For Mounting On Stairs, Add	*5.26*	
		For Mounting On Slopes, Add	*2.02*	
		For Post Base Flange With Screws, Add Per Post	*19.52*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.53*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*16.17*	
		For Nylon Coating, Add	*3.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0014	LF	1-1/2" Diameter Welded Pipe Handrail, 3 Rail, Up To 42" High With Shop Paint	50.10	10.12
		For Schedule 80 Handrail, Add	*6.20*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.54*	
		For Aluminum, Satin Finish, Add	*12.55*	
		For Aluminum, Clear Anodized Finish, Add	*19.42*	
		For Aluminum, Dark Anodized Finish, Add	*22.40*	
		For Galvanizing, Add	*11.95*	
		For Wrought Iron, Add	*5.01*	
		For Solid Steel Rails, Add	*10.02*	
		For 304 Stainless Steel, Add	*95.58*	
		For 316 Stainless Steel, Add	*107.53*	
		For 2" Wheel Guard, Add	*2.84*	
		For 4" High Kick Plate, Add	*3.73*	
		For 6" High Kick Plate, Add	*5.97*	
		For Curved Rail, Add	*23.99*	
		For Handrail With Supported Safety Edge Expanded Metal Panels, Add	*11.20*	
		For Mounting On Stairs, Add	*6.02*	
		For Mounting On Slopes, Add	*2.02*	
		For Post Base Flange With Screws, Add Per Post	*19.52*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.53*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*19.99*	
		For Nylon Coating, Add	*4.48*	
05 52 13 00-0015	LF	2" Diameter Welded Pipe Handrail, 3 Rail, Up To 42" High With Shop Paint	56.75	10.12
		For Schedule 80 Handrail, Add	*6.95*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.54*	
		For Aluminum, Satin Finish, Add	*15.34*	
		For Aluminum, Clear Anodized Finish, Add	*23.74*	
		For Aluminum, Dark Anodized Finish, Add	*27.39*	
		For Galvanizing, Add	*14.61*	
		For Wrought Iron, Add	*5.68*	
		For Solid Steel Rails, Add	*11.35*	
		For 304 Stainless Steel, Add	*116.86*	
		For 316 Stainless Steel, Add	*131.47*	
		For 2" Wheel Guard, Add	*3.47*	
		For 4" High Kick Plate, Add	*4.57*	
		For 6" High Kick Plate, Add	*7.30*	
		For Curved Rail, Add	*27.98*	
		For Handrail With Supported Safety Edge Expanded Metal Panels, Add	*11.20*	
		For Mounting On Stairs, Add	*6.69*	
		For Mounting On Slopes, Add	*2.02*	
		For Post Base Flange With Screws, Add Per Post	*19.52*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.53*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*23.32*	
		For Nylon Coating, Add	*5.48*	
05 52 13 00-0016	LF	2-1/2" Diameter Welded Pipe Handrail, 3 Rail, Up To 42" High With Shop Paint	64.67	10.12
		For Schedule 80 Handrail, Add	*7.71*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.54*	
		For Aluminum, Satin Finish, Add	*18.66*	
		For Aluminum, Clear Anodized Finish, Add	*28.89*	
		For Aluminum, Dark Anodized Finish, Add	*33.33*	
		For Galvanizing, Add	*17.78*	
		For Wrought Iron, Add	*6.47*	
		For Solid Steel Rails, Add	*12.93*	
		For 304 Stainless Steel, Add	*142.21*	
		For 316 Stainless Steel, Add	*159.98*	
		For 2" Wheel Guard, Add	*4.22*	
		For 4" High Kick Plate, Add	*5.56*	
		For 6" High Kick Plate, Add	*8.89*	
		For Curved Rail, Add	*32.73*	
		For Handrail With Supported Safety Edge Expanded Metal Panels, Add	*11.20*	
		For Mounting On Stairs, Add	*7.48*	
		For Mounting On Slopes, Add	*2.02*	
		For Post Base Flange With Screws, Add Per Post	*19.52*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.53*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*27.28*	
		For Nylon Coating, Add	*6.67*	

05 52 13 00-0017 Four Rail Welded Steel Pipe Railing, Up To 42" High *(05 52 13 00-0001)*

Note: Includes standards and four rails factory primed.

05 52 13 00-0018	LF	1" Diameter Welded Pipe Handrail, 4 Rail, Up To 42" High With Shop Paint	50.87	11.81
		For Schedule 80 Handrail, Add	*5.98*	
		For Additional Off Set Handrail, ADA Attachment, Add	*13.21*	
		For Aluminum, Satin Finish, Add	*11.45*	
		For Aluminum, Clear Anodized Finish, Add	*17.73*	
		For Aluminum, Dark Anodized Finish, Add	*20.45*	
		For Galvanizing, Add	*10.91*	
		For Wrought Iron, Add	*5.09*	
		For Solid Steel Rails, Add	*10.17*	
		For 304 Stainless Steel, Add	*87.26*	
		For 316 Stainless Steel, Add	*98.17*	
		For 2" Wheel Guard, Add	*2.59*	
		For 4" High Kick Plate, Add	*3.41*	
		For 6" High Kick Plate, Add	*5.45*	
		For Curved Rail, Add	*23.44*	
		For Handrail With Supported Safety Edge Expanded Metal Panels, Add	*11.20*	
		For Mounting On Stairs, Add	*6.27*	
		For Mounting On Slopes, Add	*2.36*	
		For Post Base Flange With Screws, Add Per Post	*19.86*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.04*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*19.54*	
		For Nylon Coating, Add	*4.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0019	LF	1-1/2" Diameter Welded Pipe Handrail, 4 Rail, Up To 42" High With Shop Paint	57.66	11.81
		For Schedule 80 Handrail, Add	*8.30*	
		For Additional Off Set Handrail, ADA Attachment, Add	*13.21*	
		For Aluminum, Satin Finish, Add	*14.31*	
		For Aluminum, Clear Anodized Finish, Add	*22.14*	
		For Aluminum, Dark Anodized Finish, Add	*25.55*	
		For Galvanizing, Add	*13.62*	
		For Wrought Iron, Add	*5.77*	
		For Solid Steel Rails, Add	*11.53*	
		For 304 Stainless Steel, Add	*108.99*	
		For 316 Stainless Steel, Add	*122.62*	
		For 2" Wheel Guard, Add	*3.24*	
		For 4" High Kick Plate, Add	*4.26*	
		For 6" High Kick Plate, Add	*6.81*	
		For Curved Rail, Add	*27.52*	
		For Handrail With Supported Safety Edge Expanded Metal Panels, Add	*11.20*	
		For Mounting On Stairs, Add	*6.95*	
		For Mounting On Slopes, Add	*2.36*	
		For Post Base Flange With Screws, Add Per Post	*19.86*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.04*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*22.93*	
		For Nylon Coating, Add	*5.11*	
05 52 13 00-0020	LF	2" Diameter Welded Pipe Handrail, 4 Rail, Up To 42" High With Shop Paint	65.23	11.81
		For Schedule 80 Handrail, Add	*9.23*	
		For Additional Off Set Handrail, ADA Attachment, Add	*13.21*	
		For Aluminum, Satin Finish, Add	*17.48*	
		For Aluminum, Clear Anodized Finish, Add	*27.06*	
		For Aluminum, Dark Anodized Finish, Add	*31.22*	
		For Galvanizing, Add	*16.65*	
		For Wrought Iron, Add	*6.52*	
		For Solid Steel Rails, Add	*13.05*	
		For 304 Stainless Steel, Add	*133.22*	
		For 316 Stainless Steel, Add	*149.87*	
		For 2" Wheel Guard, Add	*3.95*	
		For 4" High Kick Plate, Add	*5.20*	
		For 6" High Kick Plate, Add	*8.33*	
		For Curved Rail, Add	*32.06*	
		For Handrail With Supported Safety Edge Expanded Metal Panels, Add	*11.20*	
		For Mounting On Stairs, Add	*7.70*	
		For Mounting On Slopes, Add	*2.36*	
		For Post Base Flange With Screws, Add Per Post	*19.86*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.04*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*26.72*	
		For Nylon Coating, Add	*6.24*	
05 52 13 00-0021	LF	2-1/2" Diameter Welded Pipe Handrail, 4 Rail, Up To 42" High With Shop Paint	74.10	11.81
		For Schedule 80 Handrail, Add	*10.18*	
		For Additional Off Set Handrail, ADA Attachment, Add	*13.21*	
		For Aluminum, Satin Finish, Add	*21.21*	
		For Aluminum, Clear Anodized Finish, Add	*32.83*	
		For Aluminum, Dark Anodized Finish, Add	*37.88*	
		For Galvanizing, Add	*20.20*	
		For Wrought Iron, Add	*7.41*	
		For Solid Steel Rails, Add	*14.82*	
		For 304 Stainless Steel, Add	*161.60*	
		For 316 Stainless Steel, Add	*181.80*	
		For 2" Wheel Guard, Add	*4.80*	
		For 4" High Kick Plate, Add	*6.31*	
		For 6" High Kick Plate, Add	*10.10*	
		For Curved Rail, Add	*37.38*	
		For Handrail With Supported Safety Edge Expanded Metal Panels, Add	*11.20*	
		For Mounting On Stairs, Add	*8.59*	
		For Mounting On Slopes, Add	*2.36*	
		For Post Base Flange With Screws, Add Per Post	*19.86*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.04*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*31.15*	
		For Nylon Coating, Add	*7.58*	

05 52 13 00-0022 Welded Steel Wall Rail With Brackets *(05 52 13)*

Note: Includes factory primed, fasteners and field touch-up of welds.

05 52 13 00-0023	LF	1" Diameter Welded Pipe Wall Handrail Steel Pipe With Brackets And Shop Paint	24.54	5.05
		For Schedule 80 Handrail, Add	*1.75*	
		For Stainless Steel, Add	*23.80*	
		For Aluminum, Satin Finish, Add	*5.00*	
		For Curved Rail, Add	*7.36*	
		For Aluminum, Clear Anodized Finish, Add	*7.74*	
		For Aluminum, Dark Anodized Finish, Add	*8.93*	
		For Galvanized Finish, Add	*3.57*	
05 52 13 00-0024	LF	1-1/4" Diameter Welded Pipe Wall Handrail Steel Pipe With Brackets And Shop Paint	24.92	5.05
		For Schedule 80 Handrail, Add	*1.98*	
		For Stainless Steel, Add	*24.56*	
		For Aluminum, Satin Finish, Add	*5.16*	
		For Curved Rail, Add	*7.48*	
		For Aluminum, Clear Anodized Finish, Add	*7.98*	
		For Aluminum, Dark Anodized Finish, Add	*9.21*	
		For Galvanized Finish, Add	*3.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0025	LF	1-1/2" Diameter Welded Pipe Wall Handrail Steel Pipe With Brackets And Shop Paint	25.31	5.05
		For Schedule 80 Handrail, Add	*5.06*	
		For Stainless Steel, Add	*25.34*	
		For Aluminum, Satin Finish, Add	*5.32*	
		For Curved Rail, Add	*7.59*	
		For Aluminum, Clear Anodized Finish, Add	*8.24*	
		For Aluminum, Dark Anodized Finish, Add	*9.50*	
		For Galvanized Finish, Add	*3.80*	
05 52 13 00-0026	LF	2" Diameter Welded Pipe Wall Handrail Steel Pipe With Brackets And Shop Paint	29.72	5.05
		For Schedule 80 Handrail, Add	*2.40*	
		For Stainless Steel, Add	*34.16*	
		For Aluminum, Satin Finish, Add	*7.17*	
		For Curved Rail, Add	*8.92*	
		For Aluminum, Clear Anodized Finish, Add	*11.10*	
		For Aluminum, Dark Anodized Finish, Add	*12.81*	
		For Galvanized Finish, Add	*5.12*	
05 52 13 00-0027	LF	2-1/2" Diameter Welded Pipe Wall Handrail Steel Pipe With Brackets And Shop Paint	33.37	5.05
		For Schedule 80 Handrail, Add	*2.59*	
		For Stainless Steel, Add	*41.46*	
		For Aluminum, Satin Finish, Add	*8.71*	
		For Curved Rail, Add	*10.01*	
		For Aluminum, Clear Anodized Finish, Add	*13.47*	
		For Aluminum, Dark Anodized Finish, Add	*15.55*	
		For Galvanized Finish, Add	*6.22*	

05 52 13 00-0028 Welded Steel Wall Rail With Brackets, Custom Shapes *(05 52 13)*

Note: Includes factory primed, fasteners and field touch-up of welds.

05 52 13 00-0029	LF	1" Diameter Welded Pipe Wall Handrail Steel Pipe, Custom Shapes With Brackets And Shop Paint	29.05	5.31
		For Schedule 80 Handrail, Add	*1.75*	
		For Stainless Steel, Add	*32.82*	
		For Aluminum, Satin Finish, Add	*6.89*	
		For Curved Rail, Add	*8.72*	
		For Aluminum, Clear Anodized Finish, Add	*10.67*	
		For Aluminum, Dark Anodized Finish, Add	*12.31*	
		For Galvanized Finish, Add	*4.92*	
05 52 13 00-0030	LF	1-1/4" Diameter Welded Pipe Wall Handrail Steel Pipe, Custom Shapes With Brackets And Shop Paint	29.59	5.31
		For Schedule 80 Handrail, Add	*1.98*	
		For Stainless Steel, Add	*33.90*	
		For Aluminum, Satin Finish, Add	*7.12*	
		For Curved Rail, Add	*8.88*	
		For Aluminum, Clear Anodized Finish, Add	*11.02*	
		For Aluminum, Dark Anodized Finish, Add	*12.71*	
		For Galvanized Finish, Add	*5.09*	
05 52 13 00-0031	LF	1-1/2" Diameter Welded Pipe Wall Handrail Steel Pipe, Custom Shapes With Brackets And Shop Paint	29.99	5.31
		For Schedule 80 Handrail, Add	*5.06*	
		For Stainless Steel, Add	*34.70*	
		For Aluminum, Satin Finish, Add	*7.29*	
		For Curved Rail, Add	*9.00*	
		For Aluminum, Clear Anodized Finish, Add	*11.28*	
		For Aluminum, Dark Anodized Finish, Add	*13.01*	
		For Galvanized Finish, Add	*5.21*	
05 52 13 00-0032	LF	2" Diameter Welded Pipe Wall Handrail Steel Pipe, Custom Shapes With Brackets And Shop Paint	36.15	5.31
		For Schedule 80 Handrail, Add	*2.40*	
		For Stainless Steel, Add	*47.02*	
		For Aluminum, Satin Finish, Add	*9.87*	
		For Curved Rail, Add	*10.85*	
		For Aluminum, Clear Anodized Finish, Add	*15.28*	
		For Aluminum, Dark Anodized Finish, Add	*17.63*	
		For Galvanized Finish, Add	*7.05*	
05 52 13 00-0033	LF	2-1/2" Diameter Welded Pipe Wall Handrail Steel Pipe, Custom Shapes With Brackets And Shop Paint	40.18	5.31
		For Schedule 80 Handrail, Add	*2.59*	
		For Stainless Steel, Add	*55.08*	
		For Aluminum, Satin Finish, Add	*11.57*	
		For Curved Rail, Add	*12.05*	
		For Aluminum, Clear Anodized Finish, Add	*17.90*	
		For Aluminum, Dark Anodized Finish, Add	*20.66*	
		For Galvanized Finish, Add	*8.26*	

05 52 13 00-0034 Remove/Reinstall Pipe Railing *(05 52 13)*

05 52 13 00-0035	LF	Remove And Reinstall Railing, Wall Mounted, Including Brackets	18.97
05 52 13 00-0036	LF	Remove And Reinstall Railing, Floor Mounted Railing	24.65
05 52 13 00-0037	EA	Install New Railing Bracket	49.40
		For Stainless Steel, Add	*48.22*

05 53 Metal Gratings *(05 50)*

05 53 00 00-0001 Welded Grating *(05 53)*

Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel.

05 53 00 00-0002 Steel, Welded Grating *(05 53 00 00-0001)*

Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted or tack welded, unpainted steel, and in all sizes.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 00 00-0003	SF	3/4" x 1/8" Steel, Welded Grating	8.79	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.18*	
		For 304 Stainless Steel, Add	*22.28*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*2.03*	
		For Crossbars At 2" O.C., Add	*0.75*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.41*	
05 53 00 00-0004	SF	3/4" x 3/16" Steel, Welded Grating	11.66	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.67*	
		For 304 Stainless Steel, Add	*31.49*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*2.86*	
		For Crossbars At 2" O.C., Add	*1.06*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.48*	
05 53 00 00-0005	SF	1" x 1/8" Steel, Welded Grating	10.63	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.49*	
		For 304 Stainless Steel, Add	*28.18*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*2.56*	
		For Crossbars At 2" O.C., Add	*0.95*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.46*	
05 53 00 00-0006	SF	1" x 3/16" Steel, Welded Grating	14.53	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.16*	
		For 304 Stainless Steel, Add	*40.70*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*3.70*	
		For Crossbars At 2" O.C., Add	*1.37*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.56*	
05 53 00 00-0007	SF	1" x 1/4" Steel, Welded Grating	18.43	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.82*	
		For 304 Stainless Steel, Add	*53.22*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*4.84*	
		For Crossbars At 2" O.C., Add	*1.79*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.65*	
05 53 00 00-0008	SF	1-1/4" x 1/8" Steel, Welded Grating	12.50	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.81*	
		For 304 Stainless Steel, Add	*34.19*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*3.11*	
		For Crossbars At 2" O.C., Add	*1.15*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.51*	
05 53 00 00-0009	SF	1-1/4" x 3/16" Steel, Welded Grating	17.24	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.62*	
		For 304 Stainless Steel, Add	*49.40*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*4.49*	
		For Crossbars At 2" O.C., Add	*1.66*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.62*	
05 53 00 00-0010	SF	1-1/2" x 1/8" Steel, Welded Grating	14.37	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.13*	
		For 304 Stainless Steel, Add	*40.19*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*3.66*	
		For Crossbars At 2" O.C., Add	*1.35*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.55*	
05 53 00 00-0011	SF	1-1/2" x 3/16" Steel, Welded Grating	20.52	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.10*	
		For 304 Stainless Steel, Add	*58.58*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*5.33*	
		For Crossbars At 2" O.C., Add	*1.97*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.98*	
05 53 00 00-0012	SF	1-1/2" x 1/4" Steel, Welded Grating	26.45	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.11*	
		For 304 Stainless Steel, Add	*77.62*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*7.06*	
		For Crossbars At 2" O.C., Add	*2.61*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 00 00-0013	SF	1-3/4" x 3/16" Steel, Welded Grating	23.41	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.59*	
		For 304 Stainless Steel, Add	*67.86*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*6.17*	
		For Crossbars At 2" O.C., Add	*2.28*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.05*	
05 53 00 00-0014	SF	2" x 3/16" Steel, Welded Grating	26.12	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.05*	
		For 304 Stainless Steel, Add	*76.56*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*6.96*	
		For Crossbars At 2" O.C., Add	*2.58*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.12*	
05 53 00 00-0015	SF	2-1/4" x 3/16" Steel, Welded Grating	28.99	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.54*	
		For 304 Stainless Steel, Add	*85.77*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*7.80*	
		For Crossbars At 2" O.C., Add	*2.89*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.19*	
05 53 00 00-0016	SF	2-1/2" x 3/16" Steel, Welded Grating	31.70	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.00*	
		For 304 Stainless Steel, Add	*94.47*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*8.59*	
		For Crossbars At 2" O.C., Add	*3.18*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.26*	

05 53 00 00-0017 Pressure Locked Grating *(05 53)*

Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit.

05 53 00 00-0018 Steel, Pressure Locked Grating *(05 53 00 00-0017)*

Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted or tack welded, unpainted steel, and in all sizes.

05 53 00 00-0019	SF	3/4" x 1/8" Steel, Pressure Locked Grating	16.32	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.37*	
		For 304 Stainless Steel, Add	*27.07*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*4.23*	
		For Crossbars At 2" O.C., Add	*1.56*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.60*	
05 53 00 00-0020	SF	3/4" x 3/16" Steel, Pressure Locked Grating	20.01	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.98*	
		For 304 Stainless Steel, Add	*33.98*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*5.30*	
		For Crossbars At 2" O.C., Add	*1.96*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.69*	
05 53 00 00-0021	SF	1" x 1/8" Steel, Pressure Locked Grating	17.90	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.63*	
		For 304 Stainless Steel, Add	*30.03*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*4.69*	
		For Crossbars At 2" O.C., Add	*1.73*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.64*	
05 53 00 00-0022	SF	1" x 3/16" Steel, Pressure Locked Grating	24.24	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.67*	
		For 304 Stainless Steel, Add	*41.89*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 7/16" O.C., Add	*32.47*	
		For Bearing Bars At 15/16" O.C., Add	*6.54*	
		For Crossbars At 2" O.C., Add	*2.42*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.80*	
05 53 00 00-0023	SF	1-1/4" x 1/8" Steel, Pressure Locked Grating	20.01	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.98*	
		For 304 Stainless Steel, Add	*33.98*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*5.30*	
		For Crossbars At 2" O.C., Add	*1.96*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 00 00-0024	SF	1-1/4" x 3/16" Steel, Pressure Locked Grating	27.18	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.15*	
		For 304 Stainless Steel, Add	*47.39*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*7.40*	
		For Crossbars At 2" O.C., Add	*2.74*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.87*	
05 53 00 00-0025	SF	1-1/2" x 1/8" Steel, Pressure Locked Grating	22.23	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.34*	
		For 304 Stainless Steel, Add	*38.13*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*5.95*	
		For Crossbars At 2" O.C., Add	*2.20*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.75*	
05 53 00 00-0026	SF	1-1/2" x 3/16" Steel, Pressure Locked Grating	30.68	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.66*	
		For 304 Stainless Steel, Add	*53.16*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 7/16" O.C., Add	*41.19*	
		For Bearing Bars At 15/16" O.C., Add	*8.30*	
		For Crossbars At 2" O.C., Add	*3.07*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.23*	
05 53 00 00-0027	SF	1-3/4" x 3/16" Steel, Pressure Locked Grating	33.77	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.17*	
		For 304 Stainless Steel, Add	*58.94*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*9.20*	
		For Crossbars At 2" O.C., Add	*3.40*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.31*	
05 53 00 00-0028	SF	2" x 3/16" Steel, Pressure Locked Grating	36.30	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.58*	
		For 304 Stainless Steel, Add	*63.67*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*9.94*	
		For Crossbars At 2" O.C., Add	*3.68*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.37*	
05 53 00 00-0029	SF	2-1/4" x 3/16" Steel, Pressure Locked Grating	38.72	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.98*	
		For 304 Stainless Steel, Add	*68.20*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*10.64*	
		For Crossbars At 2" O.C., Add	*3.94*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.43*	
05 53 00 00-0030	SF	2-1/2" x 3/16" Steel, Pressure Locked Grating	40.81	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.32*	
		For 304 Stainless Steel, Add	*72.11*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*11.25*	
		For Crossbars At 2" O.C., Add	*4.16*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.48*	

05 53 00 00-0031 Aluminum, Type 6063, Pressure Locked Grating *(05 53 00 00-0017)*

Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted in place, and in all sizes.

05 53 00 00-0032	SF	3/4" x 1/8" Aluminum, Pressure Locked Grating	10.31	0.93
		For Bearing Bars At 15/16" O.C., Add	*2.47*	
		For Crossbars At 2" O.C., Add	*0.91*	
		For Set In Place Without Bolting, Deduct	*-1.45*	
05 53 00 00-0033	SF	3/4" x 3/16" Aluminum, Pressure Locked Grating	13.78	0.93
		For Bearing Bars At 15/16" O.C., Add	*3.48*	
		For Crossbars At 2" O.C., Add	*1.29*	
		For Set In Place Without Bolting, Deduct	*-1.54*	
05 53 00 00-0034	SF	1" x 1/8" Aluminum, Pressure Locked Grating	13.03	0.93
		For Bearing Bars At 15/16" O.C., Add	*3.26*	
		For Crossbars At 2" O.C., Add	*1.21*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.52*	
05 53 00 00-0035	SF	1" x 3/16" Aluminum, Pressure Locked Grating	17.52	0.93
		For Bearing Bars At 7/16" O.C., Add	*22.72*	
		For Bearing Bars At 15/16" O.C., Add	*4.58*	
		For Crossbars At 2" O.C., Add	*1.69*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.63*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 00 00-0036	SF	1-1/4" x 1/8" Aluminum, Pressure Locked Grating	15.01	0.93
		For Bearing Bars At 15/16" O.C., Add	*3.84*	
		For Crossbars At 2" O.C., Add	*1.42*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.57*	
05 53 00 00-0037	SF	1-1/4" x 3/16" Aluminum, Pressure Locked Grating	19.90	0.93
		For Bearing Bars At 15/16" O.C., Add	*5.27*	
		For Crossbars At 2" O.C., Add	*1.95*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.69*	
05 53 00 00-0038	SF	1-1/2" x 1/8" Aluminum, Pressure Locked Grating	16.86	0.93
		For Bearing Bars At 15/16" O.C., Add	*4.38*	
		For Crossbars At 2" O.C., Add	*1.62*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.61*	
05 53 00 00-0039	SF	1-1/2" x 3/16" Aluminum, Pressure Locked Grating	22.35	0.93
		For Bearing Bars At 7/16" O.C., Add	*29.73*	
		For Bearing Bars At 15/16" O.C., Add	*5.99*	
		For Crossbars At 2" O.C., Add	*2.21*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.75*	
05 53 00 00-0040	SF	1-3/4" x 3/16" Aluminum, Pressure Locked Grating	24.69	0.93
		For Bearing Bars At 15/16" O.C., Add	*6.67*	
		For Crossbars At 2" O.C., Add	*2.47*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.81*	
05 53 00 00-0041	SF	2" x 3/16" Aluminum, Pressure Locked Grating	27.48	0.93
		For Bearing Bars At 15/16" O.C., Add	*7.48*	
		For Crossbars At 2" O.C., Add	*2.77*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.88*	
05 53 00 00-0042	SF	2-1/4" x 3/16" Aluminum, Pressure Locked Grating	29.66	0.93
		For Bearing Bars At 15/16" O.C., Add	*8.12*	
		For Crossbars At 2" O.C., Add	*3.00*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.93*	
05 53 00 00-0043	SF	2-1/2" x 3/16" Aluminum, Pressure Locked Grating	32.26	0.93
		For Bearing Bars At 15/16" O.C., Add	*8.88*	
		For Crossbars At 2" O.C., Add	*3.28*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.00*	

05 53 00 00-0044 Swage Locked Grating *(05 53)*

Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place.

05 53 00 00-0045 Steel, Swage Locked Grating *(05 53 00 00-0044)*

Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted or tack welded, unpainted steel, and in all sizes.

05 53 00 00-0046	SF	1" x 3/16" Steel, Swaged Grating	26.50	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.27*	
		For 304 Stainless Steel, Add	*40.87*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*15.78*	
		For Crossbars At 2" O.C., Add	*1.97*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.86*	
05 53 00 00-0047	SF	1-1/4" x 3/16" Steel, Swaged Grating	29.54	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.55*	
		For 304 Stainless Steel, Add	*45.91*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*17.72*	
		For Crossbars At 2" O.C., Add	*2.22*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.93*	
05 53 00 00-0048	SF	1-1/2" x 3/16" Steel, Swaged Grating	32.34	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.77*	
		For 304 Stainless Steel, Add	*49.86*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*19.24*	
		For Crossbars At 2" O.C., Add	*2.41*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.27*	
05 53 00 00-0049	SF	1-3/4" x 3/16" Steel, Swaged Grating	37.00	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.20*	
		For 304 Stainless Steel, Add	*57.58*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*22.23*	
		For Crossbars At 2" O.C., Add	*2.78*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 00 00-0050	SF	2" x 3/16" Steel, Swaged Grating	41.68	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.63*	
		For 304 Stainless Steel, Add	*65.34*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*25.22*	
		For Crossbars At 2" O.C., Add	*3.15*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.51*	
05 53 00 00-0051	SF	2-1/4" x 3/16" Steel, Swaged Grating	46.33	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.05*	
		For 304 Stainless Steel, Add	*73.05*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*28.20*	
		For Crossbars At 2" O.C., Add	*3.52*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.62*	
05 53 00 00-0052	SF	2-1/2" x 3/16" Steel, Swaged Grating	51.01	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.48*	
		For 304 Stainless Steel, Add	*80.81*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*31.19*	
		For Crossbars At 2" O.C., Add	*3.90*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.74*	

05 53 00 00-0053 Aluminum Grating, Type 6063, Swage Locked *(05 53 00 00-0044)*

Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted in place, and in all sizes.

05 53 00 00-0054	SF	1" x 1/8" Aluminum, Swaged Grating	12.08	0.93
		For Bearing Bars At 15/16" O.C., Add	*6.55*	
		For Crossbars At 2" O.C., Add	*0.82*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.50*	
05 53 00 00-0055	SF	1" x 3/16" Aluminum, Swaged Grating	15.50	0.93
		For Bearing Bars At 15/16" O.C., Add	*8.74*	
		For Crossbars At 2" O.C., Add	*1.09*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.58*	
05 53 00 00-0056	SF	1-1/4" x 1/8" Aluminum, Swaged Grating	13.62	0.93
		For Bearing Bars At 15/16" O.C., Add	*7.53*	
		For Crossbars At 2" O.C., Add	*0.94*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.53*	
05 53 00 00-0057	SF	1-1/4" x 3/16" Aluminum, Swaged Grating	17.80	0.93
		For Bearing Bars At 15/16" O.C., Add	*10.21*	
		For Crossbars At 2" O.C., Add	*1.28*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.64*	
05 53 00 00-0058	SF	1-1/2" x 1/8" Aluminum, Swaged Grating	15.44	0.93
		For Bearing Bars At 15/16" O.C., Add	*8.70*	
		For Crossbars At 2" O.C., Add	*1.09*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.58*	
05 53 00 00-0059	SF	1-1/2" x 3/16" Aluminum, Swaged Grating	20.27	0.93
		For Bearing Bars At 15/16" O.C., Add	*11.79*	
		For Crossbars At 2" O.C., Add	*1.47*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.70*	
05 53 00 00-0060	SF	1-3/4" x 3/16" Aluminum, Swaged Grating	23.11	0.93
		For Bearing Bars At 15/16" O.C., Add	*13.61*	
		For Crossbars At 2" O.C., Add	*1.70*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.77*	
05 53 00 00-0061	SF	2" x 3/16" Aluminum, Swaged Grating	25.94	0.93
		For Bearing Bars At 15/16" O.C., Add	*15.42*	
		For Crossbars At 2" O.C., Add	*1.93*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.84*	
05 53 00 00-0062	SF	2-1/4" x 3/16" Aluminum, Swaged Grating	28.78	0.93
		For Bearing Bars At 15/16" O.C., Add	*17.24*	
		For Crossbars At 2" O.C., Add	*2.15*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.91*	
05 53 00 00-0063	SF	2-1/2" x 3/16" Aluminum, Swaged Grating	31.60	0.93
		For Bearing Bars At 15/16" O.C., Add	*19.04*	
		For Crossbars At 2" O.C., Add	*2.38*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.98*	

05 53 00 00-0064 Riveted Grating *(05 53)*

Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together.

05 53 00 00-0065 Steel, Riveted Grating *(05 53 00 00-0064)*

Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 00 00-0066	SF	3/4" x 1/8", 7.0 LB/SF, Steel, Riveted Grating	50.06	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.31*	
		For 304 Stainless Steel, Add	*41.41*	
		For 5/8" Clear Opening, Add	*16.63*	
		For Set On Place Without Bolting Or Tack Welding, Deduct	*-2.44*	
05 53 00 00-0067	SF	3/4" x 3/16", 8.5 LB/SF, Steel, Riveted Grating	58.89	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.74*	
		For 304 Stainless Steel, Add	*49.00*	
		For 5/8" Clear Opening, Add	*19.68*	
		For Set On Place Without Bolting Or Tack Welding, Deduct	*-2.67*	
05 53 00 00-0068	SF	1" x 1/8", 8.0 LB/SF, Steel, Riveted Grating	54.12	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.51*	
		For 304 Stainless Steel, Add	*44.90*	
		For 5/8" Clear Opening, Add	*18.03*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting Or Tack Welding, Deduct	*-2.55*	
05 53 00 00-0069	SF	1" x 3/16", 9.5 LB/SF, Steel, Riveted Grating	62.25	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.90*	
		For 304 Stainless Steel, Add	*51.88*	
		For 5/8" Clear Opening, Add	*20.84*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting Or Tack Welding, Deduct	*-2.75*	
05 53 00 00-0070	SF	1-1/4" x 1/8", 9.0 LB/SF, Steel, Riveted Grating	57.49	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.67*	
		For 304 Stainless Steel, Add	*47.79*	
		For 5/8" Clear Opening, Add	*19.20*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting Or Tack Welding, Deduct	*-2.63*	
05 53 00 00-0071	SF	1-1/4" x 3/16", 11.1 LB/SF, Steel, Riveted Grating	68.51	0.93
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.20*	
		For 304 Stainless Steel, Add	*57.26*	
		For 5/8" Clear Opening, Add	*23.00*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting Or Tack Welding, Deduct	*-2.91*	
05 53 00 00-0072	SF	1-1/2" x 1/8", 10.1 LB/SF, Steel, Riveted Grating	61.15	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.83*	
		For 304 Stainless Steel, Add	*50.58*	
		For 5/8" Clear Opening, Add	*20.31*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting Or Tack Welding, Deduct	*-2.99*	
05 53 00 00-0073	SF	1-1/2" x 3/16", 12.5 LB/SF, Steel, Riveted Grating	72.93	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.39*	
		For 304 Stainless Steel, Add	*60.70*	
		For 5/8" Clear Opening, Add	*24.38*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting Or Tack Welding, Deduct	*-3.29*	
05 53 00 00-0074	SF	1-3/4" x 3/16", 14.0 LB/SF, Steel, Riveted Grating	78.95	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.68*	
		For 304 Stainless Steel, Add	*65.87*	
		For 5/8" Clear Opening, Add	*26.45*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting Or Tack Welding, Deduct	*-3.44*	
05 53 00 00-0075	SF	2" x 3/16", 17.0 LB/SF, Steel, Riveted Grating	92.37	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.32*	
		For 304 Stainless Steel, Add	*77.40*	
		For 5/8" Clear Opening, Add	*31.08*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting Or Tack Welding, Deduct	*-3.77*	
05 53 00 00-0076	SF	2-1/4" x 3/16", 18.5 LB/SF, Steel, Riveted Grating	97.05	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.55*	
		For 304 Stainless Steel, Add	*81.42*	
		For 5/8" Clear Opening, Add	*32.70*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting Or Tack Welding, Deduct	*-3.89*	
05 53 00 00-0077	SF	2-1/2" x 3/16", 20.0 LB/SF, Steel, Riveted Grating	101.22	1.14
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.75*	
		For 304 Stainless Steel, Add	*85.00*	
		For 5/8" Clear Opening, Add	*34.14*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting Or Tack Welding, Deduct	*-3.99*	

05 53 00 00-0078 Aluminum, Riveted Grating *(05 53 00 00-0064)*

Note: 1" clear opening, bolted in place and in all sizes.

05 53 00 00-0079	SF	3/4" x 1/8", 2.4 LB/SF, Aluminum, Riveted Grating	25.20	0.93
		For 5/8" Clear Opening, Add	*8.06*	
		For Set On Place Without Bolting, Deduct	*-1.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 00 00-0080	SF	3/4" x 3/16", 2.9 LB/SF, Aluminum, Riveted Grating	29.82	0.93
		For 5/8" Clear Opening, Add	*9.65*	
		For Set On Place Without Bolting, Deduct	*-1.94*	
05 53 00 00-0081	SF	1" x 1/8", 2.7 LB/SF, Aluminum, Riveted Grating	27.67	0.93
		For 5/8" Clear Opening, Add	*8.91*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting, Deduct	*-1.89*	
05 53 00 00-0082	SF	1" x 3/16", 3.2 LB/SF, Aluminum, Riveted Grating	32.18	0.93
		For 5/8" Clear Opening, Add	*10.46*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting, Deduct	*-2.00*	
05 53 00 00-0083	SF	1-1/4" x 1/8", 3.1 LB/SF, Aluminum, Riveted Grating	30.97	0.93
		For 5/8" Clear Opening, Add	*10.05*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting, Deduct	*-1.97*	
05 53 00 00-0084	SF	1-1/4" x 3/16", 3.8 LB/SF, Aluminum, Riveted Grating	37.24	0.93
		For 5/8" Clear Opening, Add	*12.21*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting, Deduct	*-2.12*	
05 53 00 00-0085	SF	1-1/2" x 1/8", 3.4 LB/SF, Aluminum, Riveted Grating	33.23	0.93
		For 5/8" Clear Opening, Add	*10.83*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting, Deduct	*-2.02*	
05 53 00 00-0086	SF	1-1/2" x 3/16", 4.3 LB/SF, Aluminum, Riveted Grating	41.19	0.93
		For 5/8" Clear Opening, Add	*13.57*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting, Deduct	*-2.22*	
05 53 00 00-0087	SF	1-3/4" x 3/16", 4.8 LB/SF, Aluminum, Riveted Grating	45.36	0.93
		For 5/8" Clear Opening, Add	*15.01*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting, Deduct	*-2.33*	
05 53 00 00-0088	SF	2" x 3/16", 5.8 LB/SF, Aluminum, Riveted Grating	53.92	0.93
		For 5/8" Clear Opening, Add	*17.96*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting, Deduct	*-2.54*	
05 53 00 00-0089	SF	2-1/4" x 3/16", 6.4 LB/SF, Aluminum, Riveted Grating	58.78	0.93
		For 5/8" Clear Opening, Add	*19.64*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting, Deduct	*-2.66*	
05 53 00 00-0090	SF	2-1/2" x 3/16", 7.2 LB/SF, Aluminum, Riveted Grating	65.30	0.93
		For 5/8" Clear Opening, Add	*21.89*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set On Place Without Bolting, Deduct	*-2.83*	

05 54 Metal Floor Plates *(05 50)*

05 54 00 00-0001 Steel Floor Plates *(05 54)*

05 54 00 00-0002	SF	16 Gauge Steel Raised Or Diamond Pattern Floor Plates	10.30	1.09
05 54 00 00-0003	SF	14 Gauge Steel Raised Or Diamond Pattern Floor Plates	11.69	1.09
05 54 00 00-0004	SF	12 Gauge Steel Raised Or Diamond Pattern Floor Plates	14.47	1.09
05 54 00 00-0005	SF	1/8" Steel Raised Or Diamond Pattern Floor Plates	19.26	1.18
05 54 00 00-0006	SF	1/4" Steel Raised Or Diamond Pattern Floor Plates	24.25	1.27

05 54 00 00-0007 Aluminum Alloy Floor Plates *(05 54)*

05 54 00 00-0008	SF	0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	15.18	0.93
05 54 00 00-0009	SF	0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	17.42	1.09
05 54 00 00-0010	SF	0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	19.65	1.18

05 54 00 00-0011 Type 304 Stainless Steel Floor Plates *(05 54)*

05 54 00 00-0012	SF	1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate	25.49	1.27
		For 316 Stainless Steel, Add	*7.09*	
05 54 00 00-0013	SF	3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate	30.47	1.43
		For 316 Stainless Steel, Add	*8.51*	
05 54 00 00-0014	SF	1/4" Type 304 Stainless Raised Or Diamond Pattern Steel Floor Plate	39.42	1.69
		For 316 Stainless Steel, Add	*11.12*	

05 55 Metal Stair Treads And Nosings *(05 50)*

05 55 13 Metal Stair Treads *(05 55)*

05 55 13 00-0001 Abrasive Cast Aluminum Stair Treads *(05 55 13)*

Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.

05 55 13 00-0002	LF	8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	36.90	4.48
		For 3/8" Thick, Add	*7.43*	
05 55 13 00-0003	LF	9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	40.40	4.48
		For 3/8" Thick, Add	*8.31*	
05 55 13 00-0004	LF	10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	43.88	4.48
		For 3/8" Thick, Add	*9.18*	
05 55 13 00-0005	LF	11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	47.39	4.48
		For 3/8" Thick, Add	*10.05*	
05 55 13 00-0006	LF	12" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	50.87	4.48
		For 3/8" Thick, Add	*10.92*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 13 00-0007		**Abrasive Cast Iron Stair Treads** *(05 55 13)* Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.		
05 55 13 00-0008	LF	8" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	50.46	4.48
05 55 13 00-0009	LF	9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	55.64	4.48
05 55 13 00-0010	LF	10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	60.83	4.48
05 55 13 00-0011	LF	11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	66.02	4.48
05 55 13 00-0012	LF	12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	71.21	4.48
05 55 13 00-0013		**Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Treads** *(05 55 13)* Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0014	LF	6-1/2" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	20.54	4.48
05 55 13 00-0015	LF	9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	23.71	4.48
05 55 13 00-0016	LF	11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	25.11	4.48
05 55 13 00-0017		**Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Treads** *(05 55 13)* Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0018	LF	8" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	29.29	4.48
		For Epoxy Sealed For Corrosive Environment, Add	*2.20*	
		For Two Color Tread, Add	*1.65*	
05 55 13 00-0019	LF	9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	29.55	4.48
		For Epoxy Sealed For Corrosive Environment, Add	*2.20*	
		For Two Color Tread, Add	*1.65*	
05 55 13 00-0020	LF	11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	35.25	4.48
		For Epoxy Sealed For Corrosive Environment, Add	*2.20*	
		For Two Color Tread, Add	*1.65*	
05 55 13 00-0021	LF	12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	40.24	4.48
		For Epoxy Sealed For Corrosive Environment, Add	*2.20*	
		For Two Color Tread, Add	*1.65*	
05 55 13 00-0022	LF	15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	46.75	4.48
		For Epoxy Sealed For Corrosive Environment, Add	*2.20*	
		For Two Color Tread, Add	*1.65*	
05 55 13 00-0023		**Stair Landing Treads** *(05 55 13)*		
05 55 13 00-0024		**Abrasive Cast Aluminum Stair Landing Treads** *(05 55 13 00-0023)* Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0025	SF	5/16" Thick, Abrasive Cast Aluminum Landing Treads	50.87	4.48
		For 3/8" Thick, Add	*10.92*	
05 55 13 00-0026		**Abrasive Cast Iron Stair Landing Treads** *(05 55 13 00-0023)* Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0027	SF	3/8" Thick, Abrasive Cast Iron Landing Treads	71.21	4.48
05 55 13 00-0028		**Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads** *(05 55 13 00-0023)* Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 13 00-0029	SF	9/32" Thick, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads	47.33	4.48
		For Epoxy Sealed For Corrosive Environment, Add	*2.20*	
05 55 13 00-0030		**Open Cast Iron Stair Tread** *(05 55 13)* Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.		
05 55 13 00-0031	RSR	3'-6" Wide, Open Cast Iron Stair Tread	355.35	33.72
		For Closed Riser, Add	*30.20*	
05 55 13 00-0032	RSR	4'-0" Wide, Open Cast Iron Stair Tread	402.49	38.78
		For Closed Riser, Add	*34.09*	
05 55 13 00-0033	RSR	5'-0" Wide, Open Cast Iron Stair Tread	445.53	45.52
		For Closed Riser, Add	*37.67*	
05 55 16		**Metal Stair Nosings** *(05 55)*		
05 55 16 00-0001		**Abrasive Cast Aluminum Nosings** *(05 55 16)* Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0002	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	16.16	3.06
		For 3/8" Thick, Add	*2.82*	
05 55 16 00-0003	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	19.54	3.06
		For 3/8" Thick, Add	*3.66*	
05 55 16 00-0004	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	27.07	3.06
		For 3/8" Thick, Add	*5.55*	
05 55 16 00-0005		**Abrasive Cast Iron Nosings** *(05 55 16)* Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0006	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	18.63	3.06
		For 3/8" Thick, Add	*3.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 16 00-0007	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	22.79	3.06
		For 3/8" Thick, Add	*4.48*	
05 55 16 00-0008	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	31.00	3.06
		For 3/8" Thick, Add	*6.53*	
05 55 16 00-0009		Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosings *(05 55 16)*		
		Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 16 00-0010	LF	1-7/8" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	13.88	3.06
05 55 16 00-0011	LF	3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	15.50	3.06
05 55 16 00-0012	LF	4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	16.75	3.06
05 55 16 00-0013	LF	6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	20.61	3.06
05 55 16 00-0014	LF	1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	14.32	3.06
05 55 16 00-0015	LF	3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	15.70	3.06
05 55 16 00-0016	LF	4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	17.08	3.06
05 55 16 00-0017	LF	3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	16.24	3.06

05 56 Metal Castings *(05 50)*

05 56 00 00-0001 Castings *(05 56)*

05 56 00 00-0002	LB	Up To 150 LB, Miscellaneous Castings, Light Section	2.94	0.42
05 56 00 00-0003	LB	>150 LB, Miscellaneous Castings, Heavy Section	4.73	0.34

05 58 Formed Metal Fabrications *(05 50)*

05 58 13 Column Covers *(05 58)*

05 58 13 00-0001 Architectural Column Cover, Aluminum *(05 58 13)*

Note: Includes snapform column joint, anodized finish, and column collars at top and bottom (Pittcon Series 1500).

05 58 13 00-0002	LF	10" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	69.56	
05 58 13 00-0003	LF	12" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	82.02	
05 58 13 00-0004	LF	14" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	98.10	
05 58 13 00-0005	LF	16" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	110.56	
05 58 13 00-0006	LF	18" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	124.47	
05 58 13 00-0007	LF	20" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	138.24	
05 58 13 00-0008	LF	24" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	164.22	
05 58 13 00-0009	LF	30" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	202.76	
05 58 13 00-0010	LF	36" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	221.15	
05 58 13 00-0011	LF	42" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	239.55	
05 58 13 00-0012	LF	48" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	270.07	
05 58 13 00-0013	LF	54" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	315.05	

05 58 13 00-0014 Monolithic Column Cover, Aluminum *(05 58 13)*

Note: Includes painted, and column collars at top and bottom (Pittcon Series 100).

05 58 13 00-0015	LF	7" Diameter Monolithic Column Cover, Aluminum, Factory	27.11	
05 58 13 00-0016	LF	8" Diameter Monolithic Column Cover, Aluminum, Factory	30.73	
05 58 13 00-0017	LF	9" Diameter Monolithic Column Cover, Aluminum, Factory	34.24	
05 58 13 00-0018	LF	10" Diameter Monolithic Column Cover, Aluminum, Factory	37.97	
05 58 13 00-0019	LF	12" Diameter Monolithic Column Cover, Aluminum, Factory Primed, Including Column Base And Top Collar	44.99	

05 58 16 Formed Metal Enclosures *(05 58)*

05 58 16 00-0001 Drip Pan *(05 58 16)*

05 58 16 00-0002	SF	Stainless Steel Drip Pan	38.14	4.15
05 58 16 00-0003	SF	Galvanized Steel Drip Pan	31.80	4.15
05 58 16 00-0004	SF	Aluminum Drip Pan	15.01	3.32
05 58 16 00-0005	SF	Plastic Drip Pan	10.95	2.91

05 58 23 Formed Metal Guards *(05 58)*

05 58 23 00-0001 Protective Guard Rails *(05 58 23)*

Note: Includes painted finish.

05 58 23 00-0002 2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)*

Note: Steel King Armor Guard.

05 58 23 00-0003 Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0002)*

Note: Excludes posts. Includes fasteners.

05 58 23 00-0004	EA	1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	107.07	14.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 58 23 00-0005	EA	2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	124.79	14.67
05 58 23 00-0006	EA	3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	141.50	14.67
05 58 23 00-0007	EA	4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	159.22	14.67
05 58 23 00-0008	EA	5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	176.03	14.67
05 58 23 00-0009	EA	6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	197.82	14.67
05 58 23 00-0010	EA	7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	212.67	14.67
05 58 23 00-0011	EA	8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	235.66	14.67
05 58 23 00-0012	EA	9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	250.75	14.67
05 58 23 00-0013	EA	10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	261.52	14.67

05 58 23 00-0014 Posts For 2-Rib Guard Rails *(05 58 23 00-0002)*

Note: Includes drilling, surface mounting plate and anchors.

05 58 23 00-0015	EA	12" Height, Single Rail Post For 2-Rib Guard Rails	218.21	30.56
05 58 23 00-0016	EA	42" Height, Triple Rail Post For 2-Rib Guard Rails	279.75	30.56

05 58 23 00-0017 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)*

Note: Steel King Steel Guard.

05 58 23 00-0018 Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0017)*

Note: Excludes posts. Includes fasteners.

05 58 23 00-0019	EA	1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	117.75	14.67
05 58 23 00-0020	EA	2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	129.53	14.67
05 58 23 00-0021	EA	3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	144.23	14.67
05 58 23 00-0022	EA	4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	157.98	14.67
05 58 23 00-0023	EA	5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	173.88	14.67
05 58 23 00-0024	EA	6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	181.54	14.67
05 58 23 00-0025	EA	7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	199.98	14.67
05 58 23 00-0026	EA	8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	215.54	14.67
05 58 23 00-0027	EA	9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	232.07	14.67
05 58 23 00-0028	EA	10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	248.83	14.67

05 58 23 00-0029 Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0017)*

Note: Excludes posts. Includes fasteners and lift-out mounting plate.

05 58 23 00-0030	EA	1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	170.76	14.67
05 58 23 00-0031	EA	2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	183.70	14.67
05 58 23 00-0032	EA	3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	197.11	14.67
05 58 23 00-0033	EA	4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	212.67	14.67
05 58 23 00-0034	EA	5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	228.24	14.67
05 58 23 00-0035	EA	6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	240.93	14.67
05 58 23 00-0036	EA	7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	255.53	14.67
05 58 23 00-0037	EA	8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	272.06	14.67
05 58 23 00-0038	EA	9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	289.78	14.67
05 58 23 00-0039	EA	10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	305.34	14.67

05 58 23 00-0040 Posts For 3-Rib Guard Rails *(05 58 23 00-0017)*

Note: Includes drilling, surface mounting plate and anchors.

05 58 23 00-0041	EA	18" Height, Single Rail Post For 3-Rib Guard Rails	193.69	30.56
05 58 23 00-0042	EA	42" Height, Double Rail Post For 3-Rib Guard Rails	243.59	30.56

05 58 23 00-0043 All-Welded, Protective Guards *(05 58 23)*

Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors.

05 58 23 00-0044 All-Welded, Protective Guards *(05 58 23 00-0043)*

05 58 23 00-0045	EA	36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	253.20	40.75
05 58 23 00-0046	EA	48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	265.17	40.75
05 58 23 00-0047	EA	36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	272.12	40.75
05 58 23 00-0048	EA	48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	282.41	40.75
05 58 23 00-0049	EA	36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	280.02	40.75
05 58 23 00-0050	EA	48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	292.71	40.75
05 58 23 00-0051	EA	36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	296.30	40.75
05 58 23 00-0052	EA	48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	300.37	40.75
05 58 23 00-0053	EA	48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	319.77	40.75

05 58 23 00-0054 Corner Style, All-Welded, Protective Guards *(05 58 23 00-0043)*

05 58 23 00-0055	EA	24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	327.43	40.75
05 58 23 00-0056	EA	30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	341.80	40.75
05 58 23 00-0057	EA	24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	347.79	40.75
05 58 23 00-0058	EA	30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	377.24	40.75

05 58 23 00-0059 Warehouse Safety Bollards *(05 58 23)*

Note: Includes painted finish, drilling, surface mounting plate and anchors.

05 58 23 00-0060	EA	24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	163.75	30.56
05 58 23 00-0061	EA	36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	187.41	30.56
05 58 23 00-0062	EA	42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	212.46	30.56
05 58 23 00-0063	EA	36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	219.31	30.56
05 58 23 00-0064	EA	42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	235.11	30.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 59 Metal Specialties *(05 50)*

05 59 65 Chain *(05 59)*

05 59 65 00-0001 Alloy Steel Chain, Self Colored, Cut Length *(05 59 65)*

Note: Includes all connecting links, double clevis mid-Links, slip or grab hooks, or shackles as required.

05 59 65 00-0002	LF	3/16" Diameter Alloy Steel Chain, Cut Length, Self Colored	3.68	0.82
		For Plastic Dipped, Add	*0.31*	
05 59 65 00-0003	LF	1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	4.92	1.09
		For Plastic Dipped, Add	*0.41*	
05 59 65 00-0004	LF	3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	8.06	2.16
		For Plastic Dipped, Add	*0.56*	
05 59 65 00-0005	LF	1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored	13.04	3.66
		For Plastic Dipped, Add	*0.86*	
05 59 65 00-0006	LF	5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	22.01	6.18
		For Plastic Dipped, Add	*1.45*	
05 59 65 00-0007	LF	3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	30.89	8.68
		For Plastic Dipped, Add	*2.03*	
05 59 65 00-0008	LF	7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	41.54	10.84
		For Plastic Dipped, Add	*2.98*	
05 59 65 00-0009	LF	1" Diameter Alloy Steel Chain, Cut Length, Self Colored	59.37	14.45
		For Plastic Dipped, Add	*4.57*	
05 59 65 00-0010	LF	1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	95.49	21.68
		For Plastic Dipped, Add	*7.82*	

05 59 69 Metal Panels *(05 59)*

05 59 69 00-0001 Woven And Welded Wire Cloth *(05 59 69)*

Note: Excludes frame and fastening to frame. See CSI section 05 12 23 00-0113 for spot welding.

05 59 69 00-0002 Plain Steel Woven And Welded Wire Cloth Panels *(05 59 69 00-0001)*

05 59 69 00-0003 2" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0004	SF	0.12" Thick Wire, 2" Spacing, 0.44 LB/SF Woven And Welded Wire Cloth Panels	6.72	2.32
		For Up To 2 SF Panel, Add	*1.96*	
		For >2 To 6 SF Panel, Add	*1.14*	
		For >15 To 40 SF, Deduct	*-0.18*	
		For >40 SF, Deduct	*-0.54*	
		For Galvanized, Add	*1.82*	
		For Aluminum, Add	*2.18*	
		For 304 Stainless Steel, Add	*8.71*	
		For 316 Stainless Steel, Add	*9.98*	
05 59 69 00-0005	SF	0.135" Thick Wire, 2" Spacing, 0.55 LB/SF Woven And Welded Wire Cloth Panels	7.21	2.42
		For Up To 2 SF Panel, Add	*2.09*	
		For >2 To 6 SF Panel, Add	*1.20*	
		For >15 To 40 SF, Deduct	*-0.20*	
		For >40 SF, Deduct	*-0.60*	
		For Galvanized, Add	*2.00*	
		For Aluminum, Add	*2.39*	
		For 304 Stainless Steel, Add	*9.58*	
		For 316 Stainless Steel, Add	*10.97*	
05 59 69 00-0006	SF	0.148" Thick Wire, 2" Spacing, 0.65 LB/SF Woven And Welded Wire Cloth Panels	7.68	2.67
		For Up To 2 SF Panel, Add	*2.25*	
		For >2 To 6 SF Panel, Add	*1.30*	
		For >15 To 40 SF, Deduct	*-0.21*	
		For >40 SF, Deduct	*-0.62*	
		For Galvanized, Add	*2.06*	
		For Aluminum, Add	*2.47*	
		For 304 Stainless Steel, Add	*9.89*	
		For 316 Stainless Steel, Add	*11.33*	
05 59 69 00-0007	SF	0.162" Thick Wire, 2" Spacing, 0.78 LB/SF Woven And Welded Wire Cloth Panels	8.09	2.79
		For Up To 2 SF Panel, Add	*2.36*	
		For >2 To 6 SF Panel, Add	*1.37*	
		For >15 To 40 SF, Deduct	*-0.22*	
		For >40 SF, Deduct	*-0.66*	
		For Galvanized, Add	*2.19*	
		For Aluminum, Add	*2.63*	
		For 304 Stainless Steel, Add	*10.51*	
		For 316 Stainless Steel, Add	*12.05*	
05 59 69 00-0008	SF	0.177" Thick Wire, 2" Spacing, 0.92 LB/SF Woven And Welded Wire Cloth Panels	8.88	3.12
		For Up To 2 SF Panel, Add	*2.61*	
		For >2 To 6 SF Panel, Add	*1.51*	
		For >15 To 40 SF, Deduct	*-0.24*	
		For >40 SF, Deduct	*-0.71*	
		For Galvanized, Add	*2.36*	
		For Aluminum, Add	*2.83*	
		For 304 Stainless Steel, Add	*11.30*	
		For 316 Stainless Steel, Add	*12.95*	
05 59 69 00-0009	SF	0.192" Thick Wire, 2" Spacing, 1.08 LB/SF Woven And Welded Wire Cloth Panels	10.17	3.48
		For Up To 2 SF Panel, Add	*2.96*	
		For >2 To 6 SF Panel, Add	*1.71*	
		For >15 To 40 SF, Deduct	*-0.28*	
		For >40 SF, Deduct	*-0.83*	
		For Galvanized, Add	*2.77*	
		For Aluminum, Add	*3.32*	
		For 304 Stainless Steel, Add	*13.27*	
		For 316 Stainless Steel, Add	*15.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0010	SF	0.207" Thick Wire, 2" Spacing, 1.25 LB/SF Woven And Welded Wire Cloth Panels	11.50	3.82
		For Up To 2 SF Panel, Add	*3.32*	
		For >2 To 6 SF Panel, Add	*1.92*	
		For >15 To 40 SF, Deduct	*-0.32*	
		For >40 SF, Deduct	*-0.96*	
		For Galvanized, Add	*3.20*	
		For Aluminum, Add	*3.84*	
		For 304 Stainless Steel, Add	*15.36*	
		For 316 Stainless Steel, Add	*17.60*	
05 59 69 00-0011	SF	0.225" Thick Wire, 2" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels	13.14	4.25
		For Up To 2 SF Panel, Add	*3.76*	
		For >2 To 6 SF Panel, Add	*2.16*	
		For >15 To 40 SF, Deduct	*-0.37*	
		For >40 SF, Deduct	*-1.12*	
		For Galvanized, Add	*3.74*	
		For Aluminum, Add	*4.48*	
		For 304 Stainless Steel, Add	*17.93*	
		For 316 Stainless Steel, Add	*20.54*	

05 59 69 00-0012 1-3/4" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0013	SF	0.12" Thick Wire, 1-3/4" Spacing, 0.49 LB/SF Woven And Welded Wire Cloth Panels	7.05	2.46
		For Up To 2 SF Panel, Add	*2.06*	
		For >2 To 6 SF Panel, Add	*1.20*	
		For >15 To 40 SF, Deduct	*-0.19*	
		For >40 SF, Deduct	*-0.57*	
		For Galvanized, Add	*1.89*	
		For Aluminum, Add	*2.27*	
		For 304 Stainless Steel, Add	*9.07*	
		For 316 Stainless Steel, Add	*10.40*	
05 59 69 00-0014	SF	0.135" Thick Wire, 1-3/4" Spacing, 0.62 LB/SF Woven And Welded Wire Cloth Panels	7.73	2.59
		For Up To 2 SF Panel, Add	*2.24*	
		For >2 To 6 SF Panel, Add	*1.29*	
		For >15 To 40 SF, Deduct	*-0.21*	
		For >40 SF, Deduct	*-0.64*	
		For Galvanized, Add	*2.14*	
		For Aluminum, Add	*2.57*	
		For 304 Stainless Steel, Add	*10.27*	
		For 316 Stainless Steel, Add	*11.77*	
05 59 69 00-0015	SF	0.148" Thick Wire, 1-3/4" Spacing, 0.74 LB/SF Woven And Welded Wire Cloth Panels	8.34	2.90
		For Up To 2 SF Panel, Add	*2.44*	
		For >2 To 6 SF Panel, Add	*1.41*	
		For >15 To 40 SF, Deduct	*-0.22*	
		For >40 SF, Deduct	*-0.67*	
		For Galvanized, Add	*2.24*	
		For Aluminum, Add	*2.68*	
		For 304 Stainless Steel, Add	*10.73*	
		For 316 Stainless Steel, Add	*12.29*	
05 59 69 00-0016	SF	0.162" Thick Wire, 1-3/4" Spacing, 0.88 LB/SF Woven And Welded Wire Cloth Panels	8.70	2.99
		For Up To 2 SF Panel, Add	*2.54*	
		For >2 To 6 SF Panel, Add	*1.47*	
		For >15 To 40 SF, Deduct	*-0.24*	
		For >40 SF, Deduct	*-0.71*	
		For Galvanized, Add	*2.36*	
		For Aluminum, Add	*2.83*	
		For 304 Stainless Steel, Add	*11.30*	
		For 316 Stainless Steel, Add	*12.95*	
05 59 69 00-0017	SF	0.177" Thick Wire, 1-3/4" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	9.55	3.35
		For Up To 2 SF Panel, Add	*2.81*	
		For >2 To 6 SF Panel, Add	*1.63*	
		For >15 To 40 SF, Deduct	*-0.25*	
		For >40 SF, Deduct	*-0.76*	
		For Galvanized, Add	*2.54*	
		For Aluminum, Add	*3.04*	
		For 304 Stainless Steel, Add	*12.17*	
		For 316 Stainless Steel, Add	*13.94*	
05 59 69 00-0018	SF	0.192" Thick Wire, 1-3/4" Spacing, 1.22 LB/SF Woven And Welded Wire Cloth Panels	10.94	3.74
		For Up To 2 SF Panel, Add	*3.19*	
		For >2 To 6 SF Panel, Add	*1.84*	
		For >15 To 40 SF, Deduct	*-0.30*	
		For >40 SF, Deduct	*-0.89*	
		For Galvanized, Add	*2.98*	
		For Aluminum, Add	*3.57*	
		For 304 Stainless Steel, Add	*14.28*	
		For 316 Stainless Steel, Add	*16.36*	
05 59 69 00-0019	SF	0.207" Thick Wire, 1-3/4" Spacing, 1.41 LB/SF Woven And Welded Wire Cloth Panels	12.36	4.11
		For Up To 2 SF Panel, Add	*3.57*	
		For >2 To 6 SF Panel, Add	*2.06*	
		For >15 To 40 SF, Deduct	*-0.34*	
		For >40 SF, Deduct	*-1.03*	
		For Galvanized, Add	*3.44*	
		For Aluminum, Add	*4.12*	
		For 304 Stainless Steel, Add	*16.49*	
		For 316 Stainless Steel, Add	*18.89*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0020		SF	0.225" Thick Wire, 1-3/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	14.14	4.57
			For Up To 2 SF Panel, Add	*4.05*	
			For >2 To 6 SF Panel, Add	*2.33*	
			For >15 To 40 SF, Deduct	*-0.40*	
			For >40 SF, Deduct	*-1.21*	
			For Galvanized, Add	*4.02*	
			For Aluminum, Add	*4.82*	
			For 304 Stainless Steel, Add	*19.30*	
			For 316 Stainless Steel, Add	*22.11*	

05 59 69 00-0021 1-1/2" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0022		SF	0.12" Thick Wire, 1-1/2" Spacing, 0.57 LB/SF Woven And Welded Wire Cloth Panels	7.81	2.73
			For Up To 2 SF Panel, Add	*2.29*	
			For >2 To 6 SF Panel, Add	*1.32*	
			For >15 To 40 SF, Deduct	*-0.21*	
			For >40 SF, Deduct	*-0.63*	
			For Galvanized, Add	*2.10*	
			For Aluminum, Add	*2.51*	
			For 304 Stainless Steel, Add	*10.06*	
			For 316 Stainless Steel, Add	*11.52*	
05 59 69 00-0023		SF	0.135" Thick Wire, 1-1/2" Spacing, 0.72 LB/SF Woven And Welded Wire Cloth Panels	8.54	2.86
			For Up To 2 SF Panel, Add	*2.47*	
			For >2 To 6 SF Panel, Add	*1.43*	
			For >15 To 40 SF, Deduct	*-0.24*	
			For >40 SF, Deduct	*-0.71*	
			For Galvanized, Add	*2.37*	
			For Aluminum, Add	*2.84*	
			For 304 Stainless Steel, Add	*11.35*	
			For 316 Stainless Steel, Add	*13.01*	
05 59 69 00-0024		SF	0.148" Thick Wire, 1-1/2" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	9.13	3.17
			For Up To 2 SF Panel, Add	*2.67*	
			For >2 To 6 SF Panel, Add	*1.55*	
			For >15 To 40 SF, Deduct	*-0.24*	
			For >40 SF, Deduct	*-0.73*	
			For Galvanized, Add	*2.45*	
			For Aluminum, Add	*2.93*	
			For 304 Stainless Steel, Add	*11.74*	
			For 316 Stainless Steel, Add	*13.45*	
05 59 69 00-0025		SF	0.162" Thick Wire, 1-1/2" Spacing, 1.02 LB/SF Woven And Welded Wire Cloth Panels	9.61	3.30
			For Up To 2 SF Panel, Add	*2.80*	
			For >2 To 6 SF Panel, Add	*1.62*	
			For >15 To 40 SF, Deduct	*-0.26*	
			For >40 SF, Deduct	*-0.78*	
			For Galvanized, Add	*2.60*	
			For Aluminum, Add	*3.12*	
			For 304 Stainless Steel, Add	*12.48*	
			For 316 Stainless Steel, Add	*14.30*	
05 59 69 00-0026		SF	0.177" Thick Wire, 1-1/2" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	10.49	3.69
			For Up To 2 SF Panel, Add	*3.08*	
			For >2 To 6 SF Panel, Add	*1.79*	
			For >15 To 40 SF, Deduct	*-0.28*	
			For >40 SF, Deduct	*-0.84*	
			For Galvanized, Add	*2.79*	
			For Aluminum, Add	*3.34*	
			For 304 Stainless Steel, Add	*13.37*	
			For 316 Stainless Steel, Add	*15.32*	
05 59 69 00-0027		SF	0.192" Thick Wire, 1-1/2" Spacing, 1.4 LB/SF Woven And Welded Wire Cloth Panels	11.96	4.10
			For Up To 2 SF Panel, Add	*3.48*	
			For >2 To 6 SF Panel, Add	*2.02*	
			For >15 To 40 SF, Deduct	*-0.33*	
			For >40 SF, Deduct	*-0.98*	
			For Galvanized, Add	*3.25*	
			For Aluminum, Add	*3.90*	
			For 304 Stainless Steel, Add	*15.60*	
			For 316 Stainless Steel, Add	*17.88*	
05 59 69 00-0028		SF	0.207" Thick Wire, 1-1/2" Spacing, 1.62 LB/SF Woven And Welded Wire Cloth Panels	13.51	4.50
			For Up To 2 SF Panel, Add	*3.90*	
			For >2 To 6 SF Panel, Add	*2.25*	
			For >15 To 40 SF, Deduct	*-0.38*	
			For >40 SF, Deduct	*-1.13*	
			For Galvanized, Add	*3.76*	
			For Aluminum, Add	*4.51*	
			For 304 Stainless Steel, Add	*18.05*	
			For 316 Stainless Steel, Add	*20.68*	
05 59 69 00-0029		SF	0.225" Thick Wire, 1-1/2" Spacing, 1.89 LB/SF Woven And Welded Wire Cloth Panels	15.41	4.98
			For Up To 2 SF Panel, Add	*4.41*	
			For >2 To 6 SF Panel, Add	*2.54*	
			For >15 To 40 SF, Deduct	*-0.44*	
			For >40 SF, Deduct	*-1.32*	
			For Galvanized, Add	*4.39*	
			For Aluminum, Add	*5.26*	
			For 304 Stainless Steel, Add	*21.05*	
			For 316 Stainless Steel, Add	*24.12*	

05 59 69 00-0030 1-1/4" Square Wire Spacing *(05 59 69 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0031	SF	0.105" Thick Wire, 1-1/4" Spacing, 0.52 LB/SF Woven And Welded Wire Cloth Panels	8.03	2.94
		For Up To 2 SF Panel, Add	*2.39*	
		For >2 To 6 SF Panel, Add	*1.39*	
		For >15 To 40 SF, Deduct	*-0.21*	
		For >40 SF, Deduct	*-0.62*	
		For Galvanized, Add	*2.05*	
		For Aluminum, Add	*2.46*	
		For 304 Stainless Steel, Add	*9.84*	
		For 316 Stainless Steel, Add	*11.28*	
05 59 69 00-0032	SF	0.12" Thick Wire, 1-1/4" Spacing, 0.68 LB/SF Woven And Welded Wire Cloth Panels	8.66	3.09
		For Up To 2 SF Panel, Add	*2.56*	
		For >2 To 6 SF Panel, Add	*1.48*	
		For >15 To 40 SF, Deduct	*-0.23*	
		For >40 SF, Deduct	*-0.68*	
		For Galvanized, Add	*2.27*	
		For Aluminum, Add	*2.72*	
		For 304 Stainless Steel, Add	*10.90*	
		For 316 Stainless Steel, Add	*12.49*	
05 59 69 00-0033	SF	0.135" Thick Wire, 1-1/4" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	9.38	3.22
		For Up To 2 SF Panel, Add	*2.74*	
		For >2 To 6 SF Panel, Add	*1.58*	
		For >15 To 40 SF, Deduct	*-0.25*	
		For >40 SF, Deduct	*-0.76*	
		For Galvanized, Add	*2.54*	
		For Aluminum, Add	*3.05*	
		For 304 Stainless Steel, Add	*12.19*	
		For 316 Stainless Steel, Add	*13.97*	
05 59 69 00-0034	SF	0.148" Thick Wire, 1-1/4" Spacing, 1.01 LB/SF Woven And Welded Wire Cloth Panels	9.65	3.28
		For Up To 2 SF Panel, Add	*2.80*	
		For >2 To 6 SF Panel, Add	*1.62*	
		For >15 To 40 SF, Deduct	*-0.26*	
		For >40 SF, Deduct	*-0.79*	
		For Galvanized, Add	*2.64*	
		For Aluminum, Add	*3.17*	
		For 304 Stainless Steel, Add	*12.67*	
		For 316 Stainless Steel, Add	*14.52*	
05 59 69 00-0035	SF	0.162" Thick Wire, 1-1/4" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	10.49	3.70
		For Up To 2 SF Panel, Add	*3.08*	
		For >2 To 6 SF Panel, Add	*1.79*	
		For >15 To 40 SF, Deduct	*-0.28*	
		For >40 SF, Deduct	*-0.83*	
		For Galvanized, Add	*2.78*	
		For Aluminum, Add	*3.34*	
		For 304 Stainless Steel, Add	*13.34*	
		For 316 Stainless Steel, Add	*15.29*	
05 59 69 00-0036	SF	0.177" Thick Wire, 1-1/4" Spacing, 1.42 LB/SF Woven And Welded Wire Cloth Panels	11.84	4.17
		For Up To 2 SF Panel, Add	*3.48*	
		For >2 To 6 SF Panel, Add	*2.02*	
		For >15 To 40 SF, Deduct	*-0.31*	
		For >40 SF, Deduct	*-0.94*	
		For Galvanized, Add	*3.14*	
		For Aluminum, Add	*3.77*	
		For 304 Stainless Steel, Add	*15.07*	
		For 316 Stainless Steel, Add	*17.27*	
05 59 69 00-0037	SF	0.192" Thick Wire, 1-1/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	13.41	4.60
		For Up To 2 SF Panel, Add	*3.91*	
		For >2 To 6 SF Panel, Add	*2.26*	
		For >15 To 40 SF, Deduct	*-0.36*	
		For >40 SF, Deduct	*-1.09*	
		For Galvanized, Add	*3.65*	
		For Aluminum, Add	*4.37*	
		For 304 Stainless Steel, Add	*17.50*	
		For 316 Stainless Steel, Add	*20.05*	
05 59 69 00-0038	SF	0.207" Thick Wire, 1-1/4" Spacing, 1.9 LB/SF Woven And Welded Wire Cloth Panels	15.09	5.02
		For Up To 2 SF Panel, Add	*4.36*	
		For >2 To 6 SF Panel, Add	*2.51*	
		For >15 To 40 SF, Deduct	*-0.42*	
		For >40 SF, Deduct	*-1.26*	
		For Galvanized, Add	*4.20*	
		For Aluminum, Add	*5.04*	
		For 304 Stainless Steel, Add	*20.16*	
		For 316 Stainless Steel, Add	*23.10*	
05 59 69 00-0039	SF	0.225" Thick Wire, 1-1/4" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	17.24	5.58
		For Up To 2 SF Panel, Add	*4.93*	
		For >2 To 6 SF Panel, Add	*2.84*	
		For >15 To 40 SF, Deduct	*-0.49*	
		For >40 SF, Deduct	*-1.47*	
		For Galvanized, Add	*4.91*	
		For Aluminum, Add	*5.89*	
		For 304 Stainless Steel, Add	*23.54*	
		For 316 Stainless Steel, Add	*26.98*	

05 59 69 00-0040 1" Square Wire Spacing *(05 59 69 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0041	SF	0.105" Thick Wire, 1" Spacing, 0.64 LB/SF Woven And Welded Wire Cloth Panels	9.19	3.45
		For Up To 2 SF Panel, Add	*2.76*	
		For >2 To 6 SF Panel, Add	*1.61*	
		For >15 To 40 SF, Deduct	*-0.23*	
		For >40 SF, Deduct	*-0.69*	
		For Galvanized, Add	*2.30*	
		For Aluminum, Add	*2.75*	
		For 304 Stainless Steel, Add	*11.02*	
		For 316 Stainless Steel, Add	*12.62*	
05 59 69 00-0042	SF	0.12" Thick Wire, 1" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	9.83	3.59
		For Up To 2 SF Panel, Add	*2.92*	
		For >2 To 6 SF Panel, Add	*1.70*	
		For >15 To 40 SF, Deduct	*-0.25*	
		For >40 SF, Deduct	*-0.76*	
		For Galvanized, Add	*2.52*	
		For Aluminum, Add	*3.02*	
		For 304 Stainless Steel, Add	*12.10*	
		For 316 Stainless Steel, Add	*13.86*	
05 59 69 00-0043	SF	0.135" Thick Wire, 1" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	10.23	3.74
		For Up To 2 SF Panel, Add	*3.05*	
		For >2 To 6 SF Panel, Add	*1.77*	
		For >15 To 40 SF, Deduct	*-0.26*	
		For >40 SF, Deduct	*-0.78*	
		For Galvanized, Add	*2.62*	
		For Aluminum, Add	*3.14*	
		For 304 Stainless Steel, Add	*12.55*	
		For 316 Stainless Steel, Add	*14.38*	
05 59 69 00-0044	SF	0.148" Thick Wire, 1" Spacing, 1.23 LB/SF Woven And Welded Wire Cloth Panels	10.92	3.79
		For Up To 2 SF Panel, Add	*3.20*	
		For >2 To 6 SF Panel, Add	*1.85*	
		For >15 To 40 SF, Deduct	*-0.29*	
		For >40 SF, Deduct	*-0.88*	
		For Galvanized, Add	*2.93*	
		For Aluminum, Add	*3.51*	
		For 304 Stainless Steel, Add	*14.04*	
		For 316 Stainless Steel, Add	*16.09*	
05 59 69 00-0045	SF	0.162" Thick Wire, 1" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels	12.16	4.29
		For Up To 2 SF Panel, Add	*3.58*	
		For >2 To 6 SF Panel, Add	*2.07*	
		For >15 To 40 SF, Deduct	*-0.32*	
		For >40 SF, Deduct	*-0.97*	
		For Galvanized, Add	*3.22*	
		For Aluminum, Add	*3.86*	
		For 304 Stainless Steel, Add	*15.46*	
		For 316 Stainless Steel, Add	*17.71*	
05 59 69 00-0046	SF	0.177" Thick Wire, 1" Spacing, 1.72 LB/SF Woven And Welded Wire Cloth Panels	13.64	4.80
		For Up To 2 SF Panel, Add	*4.01*	
		For >2 To 6 SF Panel, Add	*2.32*	
		For >15 To 40 SF, Deduct	*-0.36*	
		For >40 SF, Deduct	*-1.09*	
		For Galvanized, Add	*3.62*	
		For Aluminum, Add	*4.34*	
		For 304 Stainless Steel, Add	*17.38*	
		For 316 Stainless Steel, Add	*19.91*	
05 59 69 00-0047	SF	0.192" Thick Wire, 1" Spacing, 2.01 LB/SF Woven And Welded Wire Cloth Panels	15.57	5.32
		For Up To 2 SF Panel, Add	*4.54*	
		For >2 To 6 SF Panel, Add	*2.62*	
		For >15 To 40 SF, Deduct	*-0.42*	
		For >40 SF, Deduct	*-1.27*	
		For Galvanized, Add	*4.23*	
		For Aluminum, Add	*5.08*	
		For 304 Stainless Steel, Add	*20.30*	
		For 316 Stainless Steel, Add	*23.27*	
05 59 69 00-0048	SF	0.207" Thick Wire, 1" Spacing, 2.31 LB/SF Woven And Welded Wire Cloth Panels	17.47	5.82
		For Up To 2 SF Panel, Add	*5.04*	
		For >2 To 6 SF Panel, Add	*2.91*	
		For >15 To 40 SF, Deduct	*-0.49*	
		For >40 SF, Deduct	*-1.46*	
		For Galvanized, Add	*4.86*	
		For Aluminum, Add	*5.83*	
		For 304 Stainless Steel, Add	*23.33*	
		For 316 Stainless Steel, Add	*26.73*	
05 59 69 00-0049	SF	0.225" Thick Wire, 1" Spacing, 2.69 LB/SF Woven And Welded Wire Cloth Panels	19.90	6.43
		For Up To 2 SF Panel, Add	*5.70*	
		For >2 To 6 SF Panel, Add	*3.28*	
		For >15 To 40 SF, Deduct	*-0.57*	
		For >40 SF, Deduct	*-1.70*	
		For Galvanized, Add	*5.66*	
		For Aluminum, Add	*6.79*	
		For 304 Stainless Steel, Add	*27.17*	
		For 316 Stainless Steel, Add	*31.13*	

05 59 69 00-0050 3/4" Square Wire Spacing *(05 59 69 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0051	SF	0.105" Thick Wire, 3/4" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	9.29	3.44
		For Up To 2 SF Panel, Add	*2.78*	
		For >2 To 6 SF Panel, Add	*1.62*	
		For >15 To 40 SF, Deduct	*-0.24*	
		For >40 SF, Deduct	*-0.71*	
		For Galvanized, Add	*2.35*	
		For Aluminum, Add	*2.82*	
		For 304 Stainless Steel, Add	*11.28*	
		For 316 Stainless Steel, Add	*12.93*	
05 59 69 00-0052	SF	0.12" Thick Wire, 3/4" Spacing, 1.07 LB/SF Woven And Welded Wire Cloth Panels	10.37	3.86
		For Up To 2 SF Panel, Add	*3.10*	
		For >2 To 6 SF Panel, Add	*1.81*	
		For >15 To 40 SF, Deduct	*-0.26*	
		For >40 SF, Deduct	*-0.78*	
		For Galvanized, Add	*2.62*	
		For Aluminum, Add	*3.14*	
		For 304 Stainless Steel, Add	*12.55*	
		For 316 Stainless Steel, Add	*14.38*	
05 59 69 00-0053	SF	0.135" Thick Wire, 3/4" Spacing, 1.33 LB/SF Woven And Welded Wire Cloth Panels	11.50	4.36
		For Up To 2 SF Panel, Add	*3.46*	
		For >2 To 6 SF Panel, Add	*2.02*	
		For >15 To 40 SF, Deduct	*-0.28*	
		For >40 SF, Deduct	*-0.85*	
		For Galvanized, Add	*2.85*	
		For Aluminum, Add	*3.41*	
		For 304 Stainless Steel, Add	*13.66*	
		For 316 Stainless Steel, Add	*15.65*	
05 59 69 00-0054	SF	0.148" Thick Wire, 3/4" Spacing, 1.58 LB/SF Woven And Welded Wire Cloth Panels	12.42	4.65
		For Up To 2 SF Panel, Add	*3.72*	
		For >2 To 6 SF Panel, Add	*2.17*	
		For >15 To 40 SF, Deduct	*-0.31*	
		For >40 SF, Deduct	*-0.93*	
		For Galvanized, Add	*3.11*	
		For Aluminum, Add	*3.73*	
		For 304 Stainless Steel, Add	*14.93*	
		For 316 Stainless Steel, Add	*17.11*	
05 59 69 00-0055	SF	0.162" Thick Wire, 3/4" Spacing, 1.87 LB/SF Woven And Welded Wire Cloth Panels	14.34	5.23
		For Up To 2 SF Panel, Add	*4.26*	
		For >2 To 6 SF Panel, Add	*2.48*	
		For >15 To 40 SF, Deduct	*-0.37*	
		For >40 SF, Deduct	*-1.10*	
		For Galvanized, Add	*3.68*	
		For Aluminum, Add	*4.42*	
		For 304 Stainless Steel, Add	*17.66*	
		For 316 Stainless Steel, Add	*20.24*	
05 59 69 00-0056	SF	0.177" Thick Wire, 3/4" Spacing, 2.2 LB/SF Woven And Welded Wire Cloth Panels	16.46	5.85
		For Up To 2 SF Panel, Add	*4.85*	
		For >2 To 6 SF Panel, Add	*2.82*	
		For >15 To 40 SF, Deduct	*-0.43*	
		For >40 SF, Deduct	*-1.30*	
		For Galvanized, Add	*4.33*	
		For Aluminum, Add	*5.20*	
		For 304 Stainless Steel, Add	*20.78*	
		For 316 Stainless Steel, Add	*23.82*	
05 59 69 00-0057	SF	0.192" Thick Wire, 3/4" Spacing, 2.56 LB/SF Woven And Welded Wire Cloth Panels	18.71	6.46
		For Up To 2 SF Panel, Add	*5.47*	
		For >2 To 6 SF Panel, Add	*3.17*	
		For >15 To 40 SF, Deduct	*-0.50*	
		For >40 SF, Deduct	*-1.51*	
		For Galvanized, Add	*5.04*	
		For Aluminum, Add	*6.05*	
		For 304 Stainless Steel, Add	*24.19*	
		For 316 Stainless Steel, Add	*27.72*	
05 59 69 00-0058	SF	0.207" Thick Wire, 3/4" Spacing, 2.93 LB/SF Woven And Welded Wire Cloth Panels	20.91	7.03
		For Up To 2 SF Panel, Add	*6.06*	
		For >2 To 6 SF Panel, Add	*3.50*	
		For >15 To 40 SF, Deduct	*-0.58*	
		For >40 SF, Deduct	*-1.73*	
		For Galvanized, Add	*5.77*	
		For Aluminum, Add	*6.92*	
		For 304 Stainless Steel, Add	*27.70*	
		For 316 Stainless Steel, Add	*31.74*	
05 59 69 00-0059	SF	0.225" Thick Wire, 3/4" Spacing, 3.41 LB/SF Woven And Welded Wire Cloth Panels	23.79	7.77
		For Up To 2 SF Panel, Add	*6.83*	
		For >2 To 6 SF Panel, Add	*3.93*	
		For >15 To 40 SF, Deduct	*-0.67*	
		For >40 SF, Deduct	*-2.01*	
		For Galvanized, Add	*6.72*	
		For Aluminum, Add	*8.06*	
		For 304 Stainless Steel, Add	*32.23*	
		For 316 Stainless Steel, Add	*36.93*	

05 59 69 00-0060 1/2" Square Wire Spacing *(05 59 69 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0061	SF	0.105" Thick Wire, 1/2" Spacing, 1.18 LB/SF Woven And Welded Wire Cloth Panels	9.72	3.68
		For Up To 2 SF Panel, Add	*2.93*	
		For >2 To 6 SF Panel, Add	*1.71*	
		For >15 To 40 SF, Deduct	*-0.24*	
		For >40 SF, Deduct	*-0.72*	
		For Galvanized, Add	*2.41*	
		For Aluminum, Add	*2.89*	
		For 304 Stainless Steel, Add	*11.54*	
		For 316 Stainless Steel, Add	*13.23*	
05 59 69 00-0062	SF	0.12" Thick Wire, 1/2" Spacing, 1.51 LB/SF Woven And Welded Wire Cloth Panels	11.41	4.48
		For Up To 2 SF Panel, Add	*3.48*	
		For >2 To 6 SF Panel, Add	*2.04*	
		For >15 To 40 SF, Deduct	*-0.27*	
		For >40 SF, Deduct	*-0.81*	
		For Galvanized, Add	*2.72*	
		For Aluminum, Add	*3.26*	
		For 304 Stainless Steel, Add	*13.03*	
		For 316 Stainless Steel, Add	*14.93*	
05 59 69 00-0063	SF	0.135" Thick Wire, 1/2" Spacing, 1.88 LB/SF Woven And Welded Wire Cloth Panels	13.76	5.30
		For Up To 2 SF Panel, Add	*4.16*	
		For >2 To 6 SF Panel, Add	*2.44*	
		For >15 To 40 SF, Deduct	*-0.34*	
		For >40 SF, Deduct	*-1.01*	
		For Galvanized, Add	*3.35*	
		For Aluminum, Add	*4.02*	
		For 304 Stainless Steel, Add	*16.08*	
		For 316 Stainless Steel, Add	*18.43*	
05 59 69 00-0064	SF	0.148" Thick Wire, 1/2" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	15.84	5.94
		For Up To 2 SF Panel, Add	*4.75*	
		For >2 To 6 SF Panel, Add	*2.77*	
		For >15 To 40 SF, Deduct	*-0.40*	
		For >40 SF, Deduct	*-1.19*	
		For Galvanized, Add	*3.96*	
		For Aluminum, Add	*4.75*	
		For 304 Stainless Steel, Add	*18.98*	
		For 316 Stainless Steel, Add	*21.75*	
05 59 69 00-0065	SF	0.162" Thick Wire, 1/2" Spacing, 2.61 LB/SF Woven And Welded Wire Cloth Panels	18.15	6.63
		For Up To 2 SF Panel, Add	*5.40*	
		For >2 To 6 SF Panel, Add	*3.14*	
		For >15 To 40 SF, Deduct	*-0.47*	
		For >40 SF, Deduct	*-1.40*	
		For Galvanized, Add	*4.65*	
		For Aluminum, Add	*5.58*	
		For 304 Stainless Steel, Add	*22.32*	
		For 316 Stainless Steel, Add	*25.58*	
05 59 69 00-0066	SF	0.177" Thick Wire, 1/2" Spacing, 3.06 LB/SF Woven And Welded Wire Cloth Panels	20.77	7.39
		For Up To 2 SF Panel, Add	*6.13*	
		For >2 To 6 SF Panel, Add	*3.56*	
		For >15 To 40 SF, Deduct	*-0.55*	
		For >40 SF, Deduct	*-1.64*	
		For Galvanized, Add	*5.46*	
		For Aluminum, Add	*6.55*	
		For 304 Stainless Steel, Add	*26.18*	
		For 316 Stainless Steel, Add	*30.00*	
05 59 69 00-0067	SF	0.192" Thick Wire, 1/2" Spacing, 3.54 LB/SF Woven And Welded Wire Cloth Panels	23.45	8.12
		For Up To 2 SF Panel, Add	*6.86*	
		For >2 To 6 SF Panel, Add	*3.97*	
		For >15 To 40 SF, Deduct	*-0.63*	
		For >40 SF, Deduct	*-1.89*	
		For Galvanized, Add	*6.31*	
		For Aluminum, Add	*7.57*	
		For 304 Stainless Steel, Add	*30.29*	
		For 316 Stainless Steel, Add	*34.71*	
05 59 69 00-0068	SF	0.207" Thick Wire, 1/2" Spacing, 4.04 LB/SF Woven And Welded Wire Cloth Panels	26.15	8.82
		For Up To 2 SF Panel, Add	*7.58*	
		For >2 To 6 SF Panel, Add	*4.38*	
		For >15 To 40 SF, Deduct	*-0.72*	
		For >40 SF, Deduct	*-2.16*	
		For Galvanized, Add	*7.20*	
		For Aluminum, Add	*8.64*	
		For 304 Stainless Steel, Add	*34.56*	
		For 316 Stainless Steel, Add	*39.60*	
05 59 69 00-0069	SF	0.225" Thick Wire, 1/2" Spacing, 4.68 LB/SF Woven And Welded Wire Cloth Panels	27.32	9.69
		For Up To 2 SF Panel, Add	*8.05*	
		For >2 To 6 SF Panel, Add	*4.67*	
		For >15 To 40 SF, Deduct	*-0.72*	
		For >40 SF, Deduct	*-2.16*	
		For Galvanized, Add	*7.20*	
		For Aluminum, Add	*8.64*	
		For 304 Stainless Steel, Add	*34.56*	
		For 316 Stainless Steel, Add	*39.60*	

05 59 69 00-0070 Expanded Metal Panels *(05 59 69)*
Note: Excludes frame and fastening to frame. See CSI section 05 12 23 00-0113 for spot welding.

05 59 69 00-0071 Plain Flattended Expanded Metal Diamond Shape Panels *(05 59 69 00-0070)*
Note: Excludes frame and fastening to frame. See CSI section 05 12 23 00-0113 for spot welding.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0072	SF	1/4" #20-F Plain Expanded Metal Panel, 0.82 LB/SF	8.39	3.17
		For Galvanized, Add	*2.08*	
		For Aluminum, Add	*2.49*	
		For 304 Stainless Steel, Add	*9.96*	
		For 316 Stainless Steel, Add	*11.41*	
05 59 69 00-0073	SF	1/4" #18-F Plain Expanded Metal Panel, 1.08 LB/SF	10.50	3.48
		For Galvanized, Add	*2.93*	
		For Aluminum, Add	*3.52*	
		For 304 Stainless Steel, Add	*14.06*	
		For 316 Stainless Steel, Add	*16.12*	
05 59 69 00-0074	SF	1/2" #20-F Plain Expanded Metal Panel, 0.40 LB/SF	6.05	2.46
		For Galvanized, Add	*1.39*	
		For Aluminum, Add	*1.67*	
		For 304 Stainless Steel, Add	*6.67*	
		For 316 Stainless Steel, Add	*7.65*	
05 59 69 00-0075	SF	1/2" #18-F Plain Expanded Metal Panel, 0.66 LB/SF	6.61	2.67
		For Galvanized, Add	*1.53*	
		For Aluminum, Add	*1.83*	
		For 304 Stainless Steel, Add	*7.32*	
		For 316 Stainless Steel, Add	*8.39*	
05 59 69 00-0076	SF	1/2" #16-F Plain Expanded Metal Panel, 0.82 LB/SF	7.50	3.17
		For Galvanized, Add	*1.63*	
		For Aluminum, Add	*1.96*	
		For 304 Stainless Steel, Add	*7.82*	
		For 316 Stainless Steel, Add	*8.97*	
05 59 69 00-0077	SF	1/2" #13-F Plain Expanded Metal Panel, 1.4 LB/SF	9.60	4.10
		For Galvanized, Add	*2.07*	
		For Aluminum, Add	*2.48*	
		For 304 Stainless Steel, Add	*9.94*	
		For 316 Stainless Steel, Add	*11.39*	
05 59 69 00-0078	SF	3/4" #16-F Plain Expanded Metal Panel, 0.51 LB/SF	5.30	2.42
		For Galvanized, Add	*1.04*	
		For Aluminum, Add	*1.25*	
		For 304 Stainless Steel, Add	*4.99*	
		For 316 Stainless Steel, Add	*5.72*	
05 59 69 00-0079	SF	3/4" #14-F Plain Expanded Metal Panel, 0.63 LB/SF	5.93	2.59
		For Galvanized, Add	*1.24*	
		For Aluminum, Add	*1.49*	
		For 304 Stainless Steel, Add	*5.95*	
		For 316 Stainless Steel, Add	*6.82*	
05 59 69 00-0080	SF	3/4" #13-F Plain Expanded Metal Panel, 0.75 LB/SF	6.76	2.90
		For Galvanized, Add	*1.45*	
		For Aluminum, Add	*1.73*	
		For 304 Stainless Steel, Add	*6.94*	
		For 316 Stainless Steel, Add	*7.95*	
05 59 69 00-0081	SF	3/4" #9-F Plain Expanded Metal Panel, 1.71 LB/SF	10.68	4.80
		For Galvanized, Add	*2.14*	
		For Aluminum, Add	*2.57*	
		For 304 Stainless Steel, Add	*10.27*	
		For 316 Stainless Steel, Add	*11.77*	
05 59 69 00-0082	SF	1" #16-F Plain Expanded Metal Panel, 0.41 LB/SF	5.94	2.94
		For Galvanized, Add	*1.01*	
		For Aluminum, Add	*1.21*	
		For 304 Stainless Steel, Add	*4.82*	
		For 316 Stainless Steel, Add	*5.53*	
05 59 69 00-0083	SF	1-1/2" #16-F Plain Expanded Metal Panel, 0.38 LB/SF	5.11	2.32
		For Galvanized, Add	*1.01*	
		For Aluminum, Add	*1.21*	
		For 304 Stainless Steel, Add	*4.85*	
		For 316 Stainless Steel, Add	*5.56*	
05 59 69 00-0084	SF	1-1/2" #13-F Plain Expanded Metal Panel, 0.57 LB/SF	5.90	2.73
		For Galvanized, Add	*1.14*	
		For Aluminum, Add	*1.37*	
		For 304 Stainless Steel, Add	*5.47*	
		For 316 Stainless Steel, Add	*6.27*	
05 59 69 00-0085	SF	1-1/2" #9-F Plain Expanded Metal Panel, 1.14 LB/SF	9.11	3.68
		For Galvanized, Add	*2.10*	
		For Aluminum, Add	*2.52*	
		For 304 Stainless Steel, Add	*10.08*	
		For 316 Stainless Steel, Add	*11.55*	

05 70 Decorative Metal *(05)*

Note: Includes anchors and related accessories.

05 71 Decorative Metal Stairs *(05 70)*

05 71 13 Fabricated Metal Spiral Stairs *(05 71)*

Note: Includes factory prime.

05 71 13 00-0001 Spiral Stairs, Stock Units *(05 71 13)*

Note: Includes factory prime.

05 71 13 00-0002 Steel Tread *(05 71 13 00-0001)*

05 71 13 00-0003	VLF	3' 6" Diameter, Spiral Steel Stair With Rails	249.34	42.15
		For Galvanized, Add	*115.53*	
05 71 13 00-0004	VLF	4' Diameter, Spiral Steel Stair With Rails	282.72	46.36
		For Galvanized, Add	*132.99*	
05 71 13 00-0005	VLF	4' 6" Diameter, Spiral Steel Stair With Rails	312.26	50.58
		For Galvanized, Add	*147.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 71 13 00-0006	VLF	5' Diameter, Spiral Steel Stair With Rails	335.08	54.79
		For Galvanized, Add	*157.84*	

05 73 Decorative Metal Railings *(05 70)*

Note: Factory primed. Includes brackets.

05 73 00 00-0001 Railings; Vertical Square Bars At 6" *(05 73)*

Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).

05 73 00 00-0002	LF	Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail	86.79	9.27
		For Rake Or Angle Railings, Add	*9.99*	
		For Curved Railings, Add	*28.83*	
		For 4" On Center Standards, Add	*3.71*	
		For 4-1/2" On Center Standards, Add	*2.97*	
		For 5" On Center Standards, Add	*1.98*	
		For 5-1/2" On Center Standards, Add	*0.99*	
		For Each Field Bending Of Rails, Add	*11.84*	
		For Galvanized, Add	*6.92*	
05 73 00 00-0003	LF	Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail	93.23	12.64
		For Rake Or Angle Railings, Add	*12.01*	
		For Curved Railings, Add	*27.37*	
		For 4" On Center Standards, Add	*3.14*	
		For 4-1/2" On Center Standards, Add	*2.51*	
		For 5" On Center Standards, Add	*1.67*	
		For 5-1/2" On Center Standards, Add	*0.84*	
		For Each Field Bending Of Rails, Add	*15.35*	
05 73 00 00-0004	LF	Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail	177.80	21.07
		For Rake Or Angle Railings, Add	*20.19*	
		For Curved Railings, Add	*59.83*	
		For 4" On Center Standards, Add	*7.77*	
		For 4-1/2" On Center Standards, Add	*6.22*	
		For 5" On Center Standards, Add	*4.14*	
		For 5-1/2" On Center Standards, Add	*2.07*	
		For Each Field Bending Of Rails, Add	*21.05*	
05 73 00 00-0005	LF	Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail	182.35	16.86
		For Rake Or Angle Railings, Add	*19.84*	
		For Curved Railings, Add	*63.80*	
		For 4" On Center Standards, Add	*8.54*	
		For 4-1/2" On Center Standards, Add	*6.83*	
		For 5" On Center Standards, Add	*4.56*	
		For 5-1/2" On Center Standards, Add	*2.28*	
		For Each Field Bending Of Rails, Add	*19.62*	
05 73 00 00-0006	LF	Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail	87.44	25.71
		For Rake Or Angle Railings, Add	*11.63*	
		For Curved Railings, Add	*24.64*	
		For 4" On Center Standards, Add	*2.70*	
		For 4-1/2" On Center Standards, Add	*2.16*	
		For 5" On Center Standards, Add	*1.44*	
		For 5-1/2" On Center Standards, Add	*0.72*	
		For Each Field Bending Of Rails, Add	*15.36*	

05 73 00 00-0007 Laminated Metal Or Wood Handrails With Metal Supports *(05 73)*

05 73 00 00-0008	LF	2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports	162.50	4.21
		For Rake Or Angle Railings, Add	*12.43*	
		For Curved Railings, Add	*71.58*	
		For 4" On Center Standards, Add	*11.06*	
		For 4-1/2" On Center Standards, Add	*8.85*	
		For 5" On Center Standards, Add	*5.90*	
		For 5-1/2" On Center Standards, Add	*2.95*	
		For Each Field Bending Of Rails, Add	*6.25*	

05 73 00 00-0009 Plain Handrails *(05 73)*

05 73 00 00-0010	LF	2" Brass Handrail	33.10	9.17
05 73 00 00-0011	EA	90 Degree Angle For 2" Brass Handrail	82.47	33.22
05 73 00 00-0012	EA	End Cap For 2" Brass Handrail	39.23	16.65
05 73 00 00-0013	EA	Brass Bracket And Joint For 2" Brass Handrail	63.35	33.22
05 73 00 00-0014	LF	2" Stainless Steel Handrail	60.50	16.68

05 73 00 00-0015 Restoration Of Existing Metal Handrail And Railing *(05 73)*

Note: Task include rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09 91 13 00-0370 for painting.

05 73 00 00-0016	LF	Refinish Metal Handrail	7.89	
05 73 00 00-0017	LF	Refinish Wrought Iron Balustrade	7.81	

05 73 00 00-0018 Remove/Reinstall Ornamental Railing *(05 73)*

05 73 00 00-0019	LF	Remove And Reinstall Ornamental Handrail And Pickets	77.55	

05 75 Decorative Formed Metal *(05 70)*

05 75 00 00-0001 Metal Sheets, Installed On Walls *(05 75)*

Note: Includes field fabrication (bending) where noted. See CSI section 05 54 00 00-0000 for metal floor plates.

05 75 00 00-0002 Copper Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0003	SF	0.0162" (12 Ounce) Thick Copper Sheet, Installed On Walls	15.24	1.70
		For >16 To 200 SF, Deduct	*-0.93*	
		For >200 To 500 SF, Deduct	*-1.87*	
		For >500 SF, Deduct	*-2.63*	
05 75 00 00-0004	SF	0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls	18.49	1.90
		For >16 To 200 SF, Deduct	*-1.11*	
		For >200 To 500 SF, Deduct	*-2.23*	
		For >500 SF, Deduct	*-3.15*	
05 75 00 00-0005	SF	0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls	20.17	2.05
		For >16 To 200 SF, Deduct	*-1.21*	
		For >200 To 500 SF, Deduct	*-2.43*	
		For >500 SF, Deduct	*-3.44*	
05 75 00 00-0006	SF	0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls	21.64	2.16
		For >16 To 200 SF, Deduct	*-1.30*	
		For >200 To 500 SF, Deduct	*-2.60*	
		For >500 SF, Deduct	*-3.68*	
05 75 00 00-0007	SF	0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls	24.22	2.26
		For >16 To 200 SF, Deduct	*-1.44*	
		For >200 To 500 SF, Deduct	*-2.87*	
		For >500 SF, Deduct	*-4.09*	
05 75 00 00-0008	SF	0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls	29.54	2.36
		For >16 To 200 SF, Deduct	*-1.71*	
		For >200 To 500 SF, Deduct	*-3.43*	
		For >500 SF, Deduct	*-4.90*	
05 75 00 00-0009	SF	0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls	33.92	2.47
		For >16 To 200 SF, Deduct	*-1.94*	
		For >200 To 500 SF, Deduct	*-3.89*	
		For >500 SF, Deduct	*-5.58*	
05 75 00 00-0010	SF	0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls	40.36	2.67
		For >16 To 200 SF, Deduct	*-2.29*	
		For >200 To 500 SF, Deduct	*-4.57*	
		For >500 SF, Deduct	*-6.59*	
05 75 00 00-0011	SF	0.08" Thick Copper Sheet, Installed On Walls	48.65	2.87
		For >16 To 200 SF, Deduct	*-2.72*	
		For >200 To 500 SF, Deduct	*-5.44*	
		For >500 SF, Deduct	*-7.87*	
05 75 00 00-0012	SF	0.125" Thick Copper Sheet, Installed On Walls	68.80	3.08
		For >16 To 200 SF, Deduct	*-3.75*	
		For >200 To 500 SF, Deduct	*-7.50*	
		For >500 SF, Deduct	*-10.94*	

05 75 00 00-0013 Stainless Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0014	SF	0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	15.86	2.82
		For 316 Stainless Steel, Add	*1.38*	
		For >16 To 200 SF, Deduct	*-1.07*	
		For >200 To 500 SF, Deduct	*-2.15*	
		For >500 SF, Deduct	*-2.94*	
05 75 00 00-0015	SF	0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	17.55	3.04
		For 316 Stainless Steel, Add	*1.62*	
		For >16 To 200 SF, Deduct	*-1.18*	
		For >200 To 500 SF, Deduct	*-2.36*	
		For >500 SF, Deduct	*-3.24*	
05 75 00 00-0016	SF	0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	19.07	3.25
		For 316 Stainless Steel, Add	*1.82*	
		For >16 To 200 SF, Deduct	*-1.28*	
		For >200 To 500 SF, Deduct	*-2.56*	
		For >500 SF, Deduct	*-3.51*	
05 75 00 00-0017	SF	0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	22.44	3.68
		For 316 Stainless Steel, Add	*2.31*	
		For >16 To 200 SF, Deduct	*-1.49*	
		For >200 To 500 SF, Deduct	*-2.98*	
		For >500 SF, Deduct	*-4.10*	
05 75 00 00-0018	SF	0.0625" Thick (16 gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	25.76	4.12
		For 316 Stainless Steel, Add	*2.78*	
		For >16 To 200 SF, Deduct	*-1.70*	
		For >200 To 500 SF, Deduct	*-3.40*	
		For >500 SF, Deduct	*-4.69*	
05 75 00 00-0019	SF	0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	30.41	4.77
		For 316 Stainless Steel, Add	*3.40*	
		For >16 To 200 SF, Deduct	*-2.00*	
		For >200 To 500 SF, Deduct	*-4.00*	
		For >500 SF, Deduct	*-5.52*	
05 75 00 00-0020	SF	0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	38.61	5.20
		For 316 Stainless Steel, Add	*5.34*	
		For >16 To 200 SF, Deduct	*-2.45*	
		For >200 To 500 SF, Deduct	*-4.90*	
		For >500 SF, Deduct	*-6.83*	
05 75 00 00-0021	SF	3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	48.49	5.64
		For 316 Stainless Steel, Add	*7.79*	
		For >16 To 200 SF, Deduct	*-2.99*	
		For >200 To 500 SF, Deduct	*-5.98*	
		For >500 SF, Deduct	*-8.40*	
05 75 00 00-0022	SF	1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	60.89	6.07
		For 316 Stainless Steel, Add	*10.98*	
		For >16 To 200 SF, Deduct	*-3.65*	
		For >200 To 500 SF, Deduct	*-7.30*	
		For >500 SF, Deduct	*-10.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0023	SF	3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	92.15	6.50
		For 316 Stainless Steel, Add	*19.84*	
		For >16 To 200 SF, Deduct	*-5.26*	
		For >200 To 500 SF, Deduct	*-10.52*	
		For >500 SF, Deduct	*-15.12*	
05 75 00 00-0024	SF	1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	115.96	7.59
		For 316 Stainless Steel, Add	*25.68*	
		For >16 To 200 SF, Deduct	*-6.56*	
		For >200 To 500 SF, Deduct	*-13.11*	
		For >500 SF, Deduct	*-18.91*	

05 75 00 00-0025 Aluminum Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0026	SF	0.016" Thick (26 Gauge) Aluminum Sheet, Installed On Walls	8.88	1.70
		For >16 To 200 SF, Deduct	*-0.62*	
		For >200 To 500 SF, Deduct	*-1.23*	
		For >500 SF, Deduct	*-1.67*	
05 75 00 00-0027	SF	0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls	10.01	1.90
		For >16 To 200 SF, Deduct	*-0.69*	
		For >200 To 500 SF, Deduct	*-1.38*	
		For >500 SF, Deduct	*-1.88*	
05 75 00 00-0028	SF	0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls	11.03	2.05
		For >16 To 200 SF, Deduct	*-0.76*	
		For >200 To 500 SF, Deduct	*-1.51*	
		For >500 SF, Deduct	*-2.07*	
05 75 00 00-0029	SF	0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls	11.99	2.16
		For >16 To 200 SF, Deduct	*-0.82*	
		For >200 To 500 SF, Deduct	*-1.63*	
		For >500 SF, Deduct	*-2.23*	
05 75 00 00-0030	SF	0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls	12.95	2.26
		For >16 To 200 SF, Deduct	*-0.87*	
		For >200 To 500 SF, Deduct	*-1.75*	
		For >500 SF, Deduct	*-2.39*	
05 75 00 00-0031	SF	0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls	13.99	2.36
		For >16 To 200 SF, Deduct	*-0.94*	
		For >200 To 500 SF, Deduct	*-1.87*	
		For >500 SF, Deduct	*-2.57*	
05 75 00 00-0032	SF	0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls	15.21	2.47
		For >16 To 200 SF, Deduct	*-1.01*	
		For >200 To 500 SF, Deduct	*-2.01*	
		For >500 SF, Deduct	*-2.77*	
05 75 00 00-0033	SF	0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls	17.99	2.87
		For >16 To 200 SF, Deduct	*-1.19*	
		For >200 To 500 SF, Deduct	*-2.37*	
		For >500 SF, Deduct	*-3.27*	

05 75 00 00-0034 Galvanized Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0035	SF	0.0217" (26 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	9.89	1.95
		For >16 To 200 SF, Deduct	*-0.69*	
		For >200 To 500 SF, Deduct	*-1.38*	
		For >500 SF, Deduct	*-1.87*	
05 75 00 00-0036	SF	0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.52	2.05
		For >16 To 200 SF, Deduct	*-0.73*	
		For >200 To 500 SF, Deduct	*-1.46*	
		For >500 SF, Deduct	*-1.99*	
05 75 00 00-0037	SF	0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.99	2.16
		For >16 To 200 SF, Deduct	*-0.77*	
		For >200 To 500 SF, Deduct	*-1.53*	
		For >500 SF, Deduct	*-2.08*	
05 75 00 00-0038	SF	0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	11.61	2.26
		For >16 To 200 SF, Deduct	*-0.81*	
		For >200 To 500 SF, Deduct	*-1.61*	
		For >500 SF, Deduct	*-2.19*	
05 75 00 00-0039	SF	0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	12.40	2.36
		For >16 To 200 SF, Deduct	*-0.86*	
		For >200 To 500 SF, Deduct	*-1.71*	
		For >500 SF, Deduct	*-2.33*	
05 75 00 00-0040	SF	0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	13.24	2.47
		For >16 To 200 SF, Deduct	*-0.91*	
		For >200 To 500 SF, Deduct	*-1.82*	
		For >500 SF, Deduct	*-2.48*	
05 75 00 00-0041	SF	0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	14.93	2.67
		For >16 To 200 SF, Deduct	*-1.01*	
		For >200 To 500 SF, Deduct	*-2.03*	
		For >500 SF, Deduct	*-2.77*	
05 75 00 00-0042	SF	0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	16.83	2.87
		For >16 To 200 SF, Deduct	*-1.13*	
		For >200 To 500 SF, Deduct	*-2.26*	
		For >500 SF, Deduct	*-3.10*	
05 75 00 00-0043	SF	0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	18.44	3.08
		For >16 To 200 SF, Deduct	*-1.23*	
		For >200 To 500 SF, Deduct	*-2.46*	
		For >500 SF, Deduct	*-3.38*	

05 75 00 00-0044 Galvanized Zinc-Plated Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0045	SF	0.013" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	8.17	1.51
		For >16 To 200 SF, Deduct	*-0.56*	
		For >200 To 500 SF, Deduct	*-1.12*	
		For >500 SF, Deduct	*-1.53*	
05 75 00 00-0046	SF	0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	9.41	1.70
		For >16 To 200 SF, Deduct	*-0.64*	
		For >200 To 500 SF, Deduct	*-1.28*	
		For >500 SF, Deduct	*-1.75*	
05 75 00 00-0047	SF	0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	10.62	1.90
		For >16 To 200 SF, Deduct	*-0.72*	
		For >200 To 500 SF, Deduct	*-1.44*	
		For >500 SF, Deduct	*-1.97*	
05 75 00 00-0048	SF	0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	11.68	2.05
		For >16 To 200 SF, Deduct	*-0.79*	
		For >200 To 500 SF, Deduct	*-1.58*	
		For >500 SF, Deduct	*-2.16*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 Wood, Plastics, and Composites

06 01 Maintenance of Wood, Plastics, and Composites *(06)*

06 01 20 Maintenance of Finish Carpentry *(06 01)*

06 01 20 91 Finish Carpentry Restoration *(06 01 20)*

06 01 20 91-0001 Wood Trim Repair *(06 01 20 91)*

06 01 20 91-0002	SF	Restoration Of Existing Decorative Woodwork Note: Includes stripping to bare wood, filling or patching, stain or paint to match existing.	6.04	

06 05 Common Work Results For Wood, Plastics, And Composites *(06)*

06 05 23 Wood, Plastic, And Composite Fastenings *(06 05)*

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

06 05 23 00-0001 Threaded Anchor Bolts *(06 05 23)*

Note: Threaded on two ends with two nuts and flat washers.

06 05 23 00-0002	EA	1/2" Diameter x 4" Long, Threaded Anchor Bolt	9.51	
		For >10 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-3.28*	
06 05 23 00-0003	EA	1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt	12.74	
		For >10 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.78*	
06 05 23 00-0004	EA	3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt	13.99	
		For >10 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-0.82*	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.91*	
06 05 23 00-0005	EA	3/4" Diameter x 12" Long, Threaded Anchor Bolt	27.93	
		For >10 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.34*	
		For >100 To 250, Deduct	*-2.68*	
		For >250 To 500, Deduct	*-4.45*	
		For >500, Deduct	*-6.22*	

06 05 23 00-0006 Framing Anchors *(06 05 23)*

06 05 23 00-0007	EA	10 Gauge Framing Anchor	5.22	2.45
		For >10 To 50, Deduct	*-0.23*	
		For >50 To 100, Deduct	*-0.48*	
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.39*	
06 05 23 00-0008	EA	Hold Downs, Simpson HD3B	30.00	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.64*	
		For >100 To 250, Deduct	*-5.29*	
		For >250 To 500, Deduct	*-9.20*	
		For >500, Deduct	*-13.10*	
06 05 23 00-0009	EA	Hold Downs, Simpson HD5B	36.39	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.80*	
		For >100 To 250, Deduct	*-5.61*	
		For >250 To 500, Deduct	*-9.68*	
		For >500, Deduct	*-13.74*	
06 05 23 00-0010	EA	Hold Downs, Simpson HD8	50.82	
		For >10 To 50, Deduct	*-1.71*	
		For >50 To 100, Deduct	*-3.84*	
		For >100 To 250, Deduct	*-7.67*	
		For >250 To 500, Deduct	*-13.22*	
		For >500, Deduct	*-18.77*	
06 05 23 00-0011	EA	Hold Downs, Simpson HD10	58.26	
		For >10 To 50, Deduct	*-2.04*	
		For >50 To 100, Deduct	*-4.51*	
		For >100 To 250, Deduct	*-9.02*	
		For >250 To 500, Deduct	*-15.57*	
		For >500, Deduct	*-22.12*	
06 05 23 00-0012	EA	Hold Downs, Simpson HD20	71.69	
		For >10 To 50, Deduct	*-2.04*	
		For >50 To 100, Deduct	*-4.85*	
		For >100 To 250, Deduct	*-9.69*	
		For >250 To 500, Deduct	*-16.58*	
		For >500, Deduct	*-23.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0013		Joist And Beam Hangers *(06 05 23)*		
06 05 23 00-0014	EA	18 Gauge Joist Hanger, For 2" x 4" Joist, Also Acceptable For Beam Hangers	5.00	2.28
		For >10 To 50, Deduct	*-0.23*	
		For >50 To 100, Deduct	*-0.47*	
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-2.36*	
06 05 23 00-0015	EA	18 Gauge Joist Hanger, For 2" x 6"-2" x 10" Joist, Also Acceptable For Beam Hangers	5.56	2.28
		For >10 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.51*	
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.53*	
06 05 23 00-0016	EA	16 Gauge Joist Hanger, For 3" x 6"-3" x 9" Joist, Also Acceptable For Beam Hangers	6.68	2.28
		For >10 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.55*	
		For >100 To 250, Deduct	*-1.10*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.70*	
06 05 23 00-0017	EA	16 Gauge Joist Hanger, For 3" x 10"-3" x 14" Joist, Also Acceptable For Beam Hangers	6.78	2.28
		For >10 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.55*	
		For >100 To 250, Deduct	*-1.10*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.71*	
06 05 23 00-0018	EA	16 Gauge Joist Hanger, For 4" x 6"-4" x 8" Joist, Also Acceptable For Beam Hangers	6.88	2.36
		For >10 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.57*	
		For >100 To 250, Deduct	*-1.13*	
		For >250 To 500, Deduct	*-1.96*	
		For >500, Deduct	*-2.79*	
06 05 23 00-0019	EA	16 Gauge Joist Hanger, For 4" x 10"-4" x 14" Joist, Also Acceptable For Beam Hangers	7.28	2.36
		For >10 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.58*	
		For >100 To 250, Deduct	*-1.15*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.83*	
06 05 23 00-0020		Post Framing *(06 05 23)*		
06 05 23 00-0021	EA	16 Gauge Post Framing With 4" x 4" Base	10.45	2.85
		For >10 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.55*	
06 05 23 00-0022	EA	16 Gauge Post Framing With 4" x 4" Cap	8.80	2.85
		For >10 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-0.69*	
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-3.39*	
06 05 23 00-0023		Rafter Anchors *(06 05 23)*		
06 05 23 00-0024	EA	1-1/2" Wide x 5-1/4" Long, 18 Gauge Rafter Anchor	5.91	2.53
		For >10 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.57*	
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.84*	
06 05 23 00-0025	EA	1-1/2" Wide x 10-3/4" Long, 18 Gauge Rafter Anchor	6.09	2.53
		For >10 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.57*	
		For >100 To 250, Deduct	*-1.15*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.85*	
06 05 23 00-0026	EA	Galvanized Rigid Rafter Connector, For 2" x 6"	7.25	2.53
		For >10 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.97*	
06 05 23 00-0027		Bolts And Fasteners *(06 05 23)*		
06 05 23 00-0028		Carriage Bolts *(06 05 23 00-0027)*		
		Note: Includes drilling of holes in any material. Includes nut and washer.		
06 05 23 00-0029		Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts *(06 05 23 00-0028)*		
06 05 23 00-0030	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	10.81	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.06*	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-3.72*	
		For >500, Deduct	*-5.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0031	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	10.90	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.07*	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-3.73*	
		For >500, Deduct	*-5.33*	
06 05 23 00-0032	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	10.96	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.07*	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-3.73*	
		For >500, Deduct	*-5.33*	
06 05 23 00-0033	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	12.77	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.24*	
		For >100 To 250, Deduct	*-2.47*	
		For >250 To 500, Deduct	*-4.32*	
		For >500, Deduct	*-6.17*	
06 05 23 00-0034	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	11.88	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-4.03*	
		For >500, Deduct	*-5.75*	
06 05 23 00-0035	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	12.85	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.24*	
		For >100 To 250, Deduct	*-2.48*	
		For >250 To 500, Deduct	*-4.32*	
		For >500, Deduct	*-6.17*	
06 05 23 00-0036	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	13.00	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.24*	
		For >100 To 250, Deduct	*-2.48*	
		For >250 To 500, Deduct	*-4.34*	
		For >500, Deduct	*-6.19*	
06 05 23 00-0037	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.55	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 250, Deduct	*-2.98*	
		For >250 To 500, Deduct	*-5.20*	
		For >500, Deduct	*-7.42*	
06 05 23 00-0038	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	16.83	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.58*	
		For >100 To 250, Deduct	*-3.16*	
		For >250 To 500, Deduct	*-5.52*	
		For >500, Deduct	*-7.88*	
06 05 23 00-0039	EA	3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.91	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 250, Deduct	*-3.51*	
		For >250 To 500, Deduct	*-6.12*	
		For >500, Deduct	*-8.73*	
06 05 23 00-0040	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	13.18	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.25*	
		For >100 To 250, Deduct	*-2.49*	
		For >250 To 500, Deduct	*-4.35*	
		For >500, Deduct	*-6.21*	
06 05 23 00-0041	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	14.38	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.34*	
		For >100 To 250, Deduct	*-2.67*	
		For >250 To 500, Deduct	*-4.66*	
		For >500, Deduct	*-6.65*	
06 05 23 00-0042	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.32	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.42*	
		For >100 To 250, Deduct	*-2.84*	
		For >250 To 500, Deduct	*-4.96*	
		For >500, Deduct	*-7.07*	
06 05 23 00-0043	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	17.18	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.59*	
		For >100 To 250, Deduct	*-3.18*	
		For >250 To 500, Deduct	*-5.55*	
		For >500, Deduct	*-7.91*	
06 05 23 00-0044	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	20.15	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-1.85*	
		For >100 To 250, Deduct	*-3.70*	
		For >250 To 500, Deduct	*-6.44*	
		For >500, Deduct	*-9.18*	
06 05 23 00-0045	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	22.50	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.03*	
		For >100 To 250, Deduct	*-4.06*	
		For >250 To 500, Deduct	*-7.06*	
		For >500, Deduct	*-10.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0046	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	17.70	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.54*	
		For >100 To 250, Deduct	*-3.08*	
		For >250 To 500, Deduct	*-5.36*	
		For >500, Deduct	*-7.63*	
06 05 23 00-0047	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	19.14	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.64*	
		For >100 To 250, Deduct	*-3.28*	
		For >250 To 500, Deduct	*-5.69*	
		For >500, Deduct	*-8.11*	
06 05 23 00-0048	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	22.84	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-1.92*	
		For >100 To 250, Deduct	*-3.83*	
		For >250 To 500, Deduct	*-6.64*	
		For >500, Deduct	*-9.45*	
06 05 23 00-0049	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	25.47	
		For >10 To 50, Deduct	*-0.94*	
		For >50 To 100, Deduct	*-2.04*	
		For >100 To 250, Deduct	*-4.08*	
		For >250 To 500, Deduct	*-7.06*	
		For >500, Deduct	*-10.04*	
06 05 23 00-0050	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	27.65	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.22*	
		For >100 To 250, Deduct	*-4.44*	
		For >250 To 500, Deduct	*-7.67*	
		For >500, Deduct	*-10.91*	
06 05 23 00-0051	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	28.26	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 250, Deduct	*-4.59*	
		For >250 To 500, Deduct	*-7.94*	
		For >500, Deduct	*-11.30*	

06 05 23 00-0052 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts *(06 05 23 00-0028)*

06 05 23 00-0053	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	10.98	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.07*	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-3.74*	
		For >500, Deduct	*-5.33*	
06 05 23 00-0054	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	11.16	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.07*	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-3.75*	
		For >500, Deduct	*-5.35*	
06 05 23 00-0055	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	11.36	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.08*	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-3.76*	
		For >500, Deduct	*-5.37*	
06 05 23 00-0056	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	13.43	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.25*	
		For >100 To 250, Deduct	*-2.50*	
		For >250 To 500, Deduct	*-4.37*	
		For >500, Deduct	*-6.23*	
06 05 23 00-0057	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	12.12	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.16*	
		For >100 To 250, Deduct	*-2.32*	
		For >250 To 500, Deduct	*-4.05*	
		For >500, Deduct	*-5.78*	
06 05 23 00-0058	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	13.22	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.25*	
		For >100 To 250, Deduct	*-2.49*	
		For >250 To 500, Deduct	*-4.35*	
		For >500, Deduct	*-6.21*	
06 05 23 00-0059	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	13.44	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.25*	
		For >100 To 250, Deduct	*-2.51*	
		For >250 To 500, Deduct	*-4.37*	
		For >500, Deduct	*-6.23*	
06 05 23 00-0060	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.22	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 250, Deduct	*-3.01*	
		For >250 To 500, Deduct	*-5.25*	
		For >500, Deduct	*-7.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0061	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	17.58	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.60*	
		For >100 To 250, Deduct	*-3.20*	
		For >250 To 500, Deduct	*-5.58*	
		For >500, Deduct	*-7.95*	
06 05 23 00-0062	EA	3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.61	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 250, Deduct	*-3.55*	
		For >250 To 500, Deduct	*-6.17*	
		For >500, Deduct	*-8.80*	
06 05 23 00-0063	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	13.73	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 250, Deduct	*-2.52*	
		For >250 To 500, Deduct	*-4.39*	
		For >500, Deduct	*-6.26*	
06 05 23 00-0064	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	14.82	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.35*	
		For >100 To 250, Deduct	*-2.70*	
		For >250 To 500, Deduct	*-4.69*	
		For >500, Deduct	*-6.69*	
06 05 23 00-0065	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.84	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 250, Deduct	*-2.87*	
		For >250 To 500, Deduct	*-4.99*	
		For >500, Deduct	*-7.12*	
06 05 23 00-0066	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	17.93	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.61*	
		For >100 To 250, Deduct	*-3.22*	
		For >250 To 500, Deduct	*-5.60*	
		For >500, Deduct	*-7.99*	
06 05 23 00-0067	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	20.89	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 250, Deduct	*-3.73*	
		For >250 To 500, Deduct	*-6.49*	
		For >500, Deduct	*-9.26*	
06 05 23 00-0068	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	23.07	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.04*	
		For >100 To 250, Deduct	*-4.09*	
		For >250 To 500, Deduct	*-7.11*	
		For >500, Deduct	*-10.13*	
06 05 23 00-0069	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.38	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.58*	
		For >100 To 250, Deduct	*-3.17*	
		For >250 To 500, Deduct	*-5.49*	
		For >500, Deduct	*-7.80*	
06 05 23 00-0070	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	20.31	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.67*	
		For >100 To 250, Deduct	*-3.34*	
		For >250 To 500, Deduct	*-5.78*	
		For >500, Deduct	*-8.22*	
06 05 23 00-0071	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	23.67	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-1.94*	
		For >100 To 250, Deduct	*-3.87*	
		For >250 To 500, Deduct	*-6.70*	
		For >500, Deduct	*-9.54*	
06 05 23 00-0072	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	25.41	
		For >10 To 50, Deduct	*-0.94*	
		For >50 To 100, Deduct	*-2.04*	
		For >100 To 250, Deduct	*-4.08*	
		For >250 To 500, Deduct	*-7.06*	
		For >500, Deduct	*-10.04*	
06 05 23 00-0073	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	28.74	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.25*	
		For >100 To 250, Deduct	*-4.49*	
		For >250 To 500, Deduct	*-7.75*	
		For >500, Deduct	*-11.02*	
06 05 23 00-0074	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	30.52	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.35*	
		For >100 To 250, Deduct	*-4.70*	
		For >250 To 500, Deduct	*-8.11*	
		For >500, Deduct	*-11.52*	

06 05 23 00-0075 304/18-8 Stainless Steel, Carriage Bolts *(06 05 23 00-0028)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0076	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	11.33	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.08*	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-3.76*	
		For >500, Deduct	*-5.37*	
06 05 23 00-0077	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	12.14	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.10*	
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-3.82*	
		For >500, Deduct	*-5.45*	
06 05 23 00-0078	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	12.68	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.11*	
		For >100 To 250, Deduct	*-2.22*	
		For >250 To 500, Deduct	*-3.86*	
		For >500, Deduct	*-5.50*	
06 05 23 00-0079	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	20.03	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.42*	
		For >100 To 250, Deduct	*-2.83*	
		For >250 To 500, Deduct	*-4.86*	
		For >500, Deduct	*-6.89*	
06 05 23 00-0080	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	12.91	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 250, Deduct	*-2.36*	
		For >250 To 500, Deduct	*-4.11*	
		For >500, Deduct	*-5.86*	
06 05 23 00-0081	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	14.89	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.29*	
		For >100 To 250, Deduct	*-2.58*	
		For >250 To 500, Deduct	*-4.48*	
		For >500, Deduct	*-6.38*	
06 05 23 00-0082	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	15.15	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 250, Deduct	*-2.59*	
		For >250 To 500, Deduct	*-4.50*	
		For >500, Deduct	*-6.40*	
06 05 23 00-0083	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	26.06	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 250, Deduct	*-3.50*	
		For >250 To 500, Deduct	*-5.99*	
		For >500, Deduct	*-8.47*	
06 05 23 00-0084	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	31.11	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.94*	
		For >100 To 250, Deduct	*-3.88*	
		For >250 To 500, Deduct	*-6.59*	
		For >500, Deduct	*-9.30*	
06 05 23 00-0085	EA	3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	34.79	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.15*	
		For >100 To 250, Deduct	*-4.30*	
		For >250 To 500, Deduct	*-7.31*	
		For >500, Deduct	*-10.32*	
06 05 23 00-0086	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	15.84	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.31*	
		For >100 To 250, Deduct	*-2.63*	
		For >250 To 500, Deduct	*-4.55*	
		For >500, Deduct	*-6.47*	
06 05 23 00-0087	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	17.78	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.42*	
		For >100 To 250, Deduct	*-2.84*	
		For >250 To 500, Deduct	*-4.92*	
		For >500, Deduct	*-6.99*	
06 05 23 00-0088	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	21.06	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.13*	
		For >250 To 500, Deduct	*-5.39*	
		For >500, Deduct	*-7.64*	
06 05 23 00-0089	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	31.86	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.96*	
		For >100 To 250, Deduct	*-3.92*	
		For >250 To 500, Deduct	*-6.65*	
		For >500, Deduct	*-9.38*	
06 05 23 00-0090	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	36.09	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.25*	
		For >100 To 250, Deduct	*-4.49*	
		For >250 To 500, Deduct	*-7.63*	
		For >500, Deduct	*-10.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0091	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	54.51	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.83*	
		For >100 To 250, Deduct	*-5.66*	
		For >250 To 500, Deduct	*-9.46*	
		For >500, Deduct	*-13.27*	
06 05 23 00-0092	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	42.41	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-2.22*	
		For >100 To 250, Deduct	*-4.44*	
		For >250 To 500, Deduct	*-7.44*	
		For >500, Deduct	*-10.43*	
06 05 23 00-0093	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	59.05	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.82*	
		For >100 To 250, Deduct	*-5.64*	
		For >250 To 500, Deduct	*-9.36*	
		For >500, Deduct	*-13.07*	
06 05 23 00-0094	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	65.16	
		For >10 To 50, Deduct	*-0.94*	
		For >50 To 100, Deduct	*-3.03*	
		For >100 To 250, Deduct	*-6.07*	
		For >250 To 500, Deduct	*-10.04*	
		For >500, Deduct	*-14.01*	
06 05 23 00-0095	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	94.34	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-3.89*	
		For >100 To 250, Deduct	*-7.77*	
		For >250 To 500, Deduct	*-12.67*	
		For >500, Deduct	*-17.58*	
06 05 23 00-0096	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	99.18	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-4.07*	
		For >100 To 250, Deduct	*-8.14*	
		For >250 To 500, Deduct	*-13.26*	
		For >500, Deduct	*-18.39*	

06 05 23 00-0097 316 Stainless Steel, Carriage Bolts *(06 05 23 00-0028)*

06 05 23 00-0098	EA	1/4" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	15.09	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 250, Deduct	*-2.34*	
		For >250 To 500, Deduct	*-4.04*	
		For >500, Deduct	*-5.75*	
06 05 23 00-0099	EA	1/4" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	16.51	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.21*	
		For >100 To 250, Deduct	*-2.41*	
		For >250 To 500, Deduct	*-4.15*	
		For >500, Deduct	*-5.89*	
06 05 23 00-0100	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	17.82	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 250, Deduct	*-2.60*	
		For >250 To 500, Deduct	*-4.47*	
		For >500, Deduct	*-6.35*	
06 05 23 00-0101	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	20.61	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 250, Deduct	*-2.86*	
		For >250 To 500, Deduct	*-4.91*	
		For >500, Deduct	*-6.95*	
06 05 23 00-0102	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	26.95	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.59*	
		For >100 To 250, Deduct	*-3.18*	
		For >250 To 500, Deduct	*-5.38*	
		For >500, Deduct	*-7.58*	
06 05 23 00-0103	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	29.30	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 250, Deduct	*-3.42*	
		For >250 To 500, Deduct	*-5.78*	
		For >500, Deduct	*-8.14*	
06 05 23 00-0104	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt	31.53	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.83*	
		For >100 To 250, Deduct	*-3.65*	
		For >250 To 500, Deduct	*-6.17*	
		For >500, Deduct	*-8.69*	

06 05 23 00-0105 Hex Lag Bolts *(06 05 23 00-0027)*

Note: Includes drilling of holes in any material.

06 05 23 00-0106 Zinc Plated Steel, Hex Lag Bolts *(06 05 23 00-0105)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0107	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	10.31	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.02*	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-3.57*	
		For >500, Deduct	*-5.10*	
06 05 23 00-0108	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	10.40	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.02*	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-3.58*	
		For >500, Deduct	*-5.11*	
06 05 23 00-0109	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	10.56	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.03*	
		For >100 To 250, Deduct	*-2.06*	
		For >250 To 500, Deduct	*-3.59*	
		For >500, Deduct	*-5.13*	
06 05 23 00-0110	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	11.35	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.12*	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-3.90*	
		For >500, Deduct	*-5.58*	
06 05 23 00-0111	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	12.30	
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.20*	
		For >100 To 250, Deduct	*-2.40*	
		For >250 To 500, Deduct	*-4.19*	
		For >500, Deduct	*-5.99*	
06 05 23 00-0112	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	12.49	
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.20*	
		For >100 To 250, Deduct	*-2.41*	
		For >250 To 500, Deduct	*-4.21*	
		For >500, Deduct	*-6.01*	
06 05 23 00-0113	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	15.25	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 250, Deduct	*-2.90*	
		For >250 To 500, Deduct	*-5.07*	
		For >500, Deduct	*-7.23*	
06 05 23 00-0114	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	16.15	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.53*	
		For >100 To 250, Deduct	*-3.07*	
		For >250 To 500, Deduct	*-5.35*	
		For >500, Deduct	*-7.64*	
06 05 23 00-0115	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	12.51	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.21*	
		For >100 To 250, Deduct	*-2.42*	
		For >250 To 500, Deduct	*-4.23*	
		For >500, Deduct	*-6.04*	
06 05 23 00-0116	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	13.58	
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 250, Deduct	*-2.60*	
		For >250 To 500, Deduct	*-4.53*	
		For >500, Deduct	*-6.47*	
06 05 23 00-0117	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	14.72	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.39*	
		For >100 To 250, Deduct	*-2.77*	
		For >250 To 500, Deduct	*-4.84*	
		For >500, Deduct	*-6.90*	
06 05 23 00-0118	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	16.71	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.11*	
		For >250 To 500, Deduct	*-5.43*	
		For >500, Deduct	*-7.74*	
06 05 23 00-0119	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	19.65	
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-1.81*	
		For >100 To 250, Deduct	*-3.62*	
		For >250 To 500, Deduct	*-6.31*	
		For >500, Deduct	*-8.99*	
06 05 23 00-0120	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	21.44	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-1.97*	
		For >100 To 250, Deduct	*-3.95*	
		For >250 To 500, Deduct	*-6.88*	
		For >500, Deduct	*-9.81*	
06 05 23 00-0121	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	17.84	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.58*	
		For >100 To 250, Deduct	*-3.17*	
		For >250 To 500, Deduct	*-5.51*	
		For >500, Deduct	*-7.85*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0122	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	21.21	
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-1.85*	
		For >100 To 250, Deduct	*-3.70*	
		For >250 To 500, Deduct	*-6.42*	
		For >500, Deduct	*-9.15*	
06 05 23 00-0123	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	23.29	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-1.96*	
		For >100 To 250, Deduct	*-3.92*	
		For >250 To 500, Deduct	*-6.80*	
		For >500, Deduct	*-9.68*	
06 05 23 00-0124	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	26.05	
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-2.15*	
		For >100 To 250, Deduct	*-4.30*	
		For >250 To 500, Deduct	*-7.44*	
		For >500, Deduct	*-10.59*	
06 05 23 00-0125	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	28.92	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 250, Deduct	*-4.56*	
		For >250 To 500, Deduct	*-7.88*	
		For >500, Deduct	*-11.20*	

06 05 23 00-0126 Hot Dipped Galvanized Steel, Hex Lag Bolts *(06 05 23 00-0105)*

06 05 23 00-0127	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	10.35	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.02*	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-3.58*	
		For >500, Deduct	*-5.11*	
06 05 23 00-0128	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	10.48	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.03*	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-3.59*	
		For >500, Deduct	*-5.12*	
06 05 23 00-0129	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	10.61	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.03*	
		For >100 To 250, Deduct	*-2.06*	
		For >250 To 500, Deduct	*-3.60*	
		For >500, Deduct	*-5.13*	
06 05 23 00-0130	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	11.42	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.12*	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-3.91*	
		For >500, Deduct	*-5.58*	
06 05 23 00-0131	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	12.41	
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.20*	
		For >100 To 250, Deduct	*-2.40*	
		For >250 To 500, Deduct	*-4.20*	
		For >500, Deduct	*-6.00*	
06 05 23 00-0132	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	12.62	
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.21*	
		For >100 To 250, Deduct	*-2.41*	
		For >250 To 500, Deduct	*-4.22*	
		For >500, Deduct	*-6.02*	
06 05 23 00-0133	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	15.50	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.46*	
		For >100 To 250, Deduct	*-2.92*	
		For >250 To 500, Deduct	*-5.09*	
		For >500, Deduct	*-7.26*	
06 05 23 00-0134	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	16.57	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.54*	
		For >100 To 250, Deduct	*-3.09*	
		For >250 To 500, Deduct	*-5.38*	
		For >500, Deduct	*-7.68*	
06 05 23 00-0135	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	12.70	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.22*	
		For >100 To 250, Deduct	*-2.43*	
		For >250 To 500, Deduct	*-4.25*	
		For >500, Deduct	*-6.06*	
06 05 23 00-0136	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	13.69	
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 250, Deduct	*-2.60*	
		For >250 To 500, Deduct	*-4.54*	
		For >500, Deduct	*-6.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0137	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	14.91	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.39*	
		For >100 To 250, Deduct	*-2.78*	
		For >250 To 500, Deduct	*-4.85*	
		For >500, Deduct	*-6.92*	
06 05 23 00-0138	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	17.29	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.57*	
		For >100 To 250, Deduct	*-3.14*	
		For >250 To 500, Deduct	*-5.47*	
		For >500, Deduct	*-7.80*	
06 05 23 00-0139	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	19.93	
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-1.82*	
		For >100 To 250, Deduct	*-3.63*	
		For >250 To 500, Deduct	*-6.33*	
		For >500, Deduct	*-9.02*	
06 05 23 00-0140	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	22.13	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-1.99*	
		For >100 To 250, Deduct	*-3.98*	
		For >250 To 500, Deduct	*-6.93*	
		For >500, Deduct	*-9.88*	
06 05 23 00-0141	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	18.26	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.59*	
		For >100 To 250, Deduct	*-3.19*	
		For >250 To 500, Deduct	*-5.54*	
		For >500, Deduct	*-7.89*	
06 05 23 00-0142	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	21.59	
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-1.86*	
		For >100 To 250, Deduct	*-3.72*	
		For >250 To 500, Deduct	*-6.45*	
		For >500, Deduct	*-9.19*	
06 05 23 00-0143	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	23.93	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-1.98*	
		For >100 To 250, Deduct	*-3.95*	
		For >250 To 500, Deduct	*-6.85*	
		For >500, Deduct	*-9.74*	
06 05 23 00-0144	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	27.56	
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-2.19*	
		For >100 To 250, Deduct	*-4.37*	
		For >250 To 500, Deduct	*-7.56*	
		For >500, Deduct	*-10.74*	
06 05 23 00-0145	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	30.53	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.32*	
		For >100 To 250, Deduct	*-4.64*	
		For >250 To 500, Deduct	*-8.00*	
		For >500, Deduct	*-11.36*	

06 05 23 00-0146 304/18-8 Stainless Steel, Hex Lag Bolts *(06 05 23 00-0105)*

06 05 23 00-0147	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	10.69	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.03*	
		For >100 To 250, Deduct	*-2.06*	
		For >250 To 500, Deduct	*-3.60*	
		For >500, Deduct	*-5.14*	
06 05 23 00-0148	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	11.07	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.04*	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-3.63*	
		For >500, Deduct	*-5.18*	
06 05 23 00-0149	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	12.11	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.07*	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-3.71*	
		For >500, Deduct	*-5.28*	
06 05 23 00-0150	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	12.40	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.14*	
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-3.98*	
		For >500, Deduct	*-5.68*	
06 05 23 00-0151	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	13.77	
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.24*	
		For >100 To 250, Deduct	*-2.47*	
		For >250 To 500, Deduct	*-4.30*	
		For >500, Deduct	*-6.13*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0152	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	14.43	
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.25*	
		For >100 To 250, Deduct	*-2.51*	
		For >250 To 500, Deduct	*-4.35*	
		For >500, Deduct	*-6.20*	
06 05 23 00-0153	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	31.81	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 250, Deduct	*-3.73*	
		For >250 To 500, Deduct	*-6.31*	
		For >500, Deduct	*-8.89*	
06 05 23 00-0154	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	45.44	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-2.27*	
		For >100 To 250, Deduct	*-4.53*	
		For >250 To 500, Deduct	*-7.55*	
		For >500, Deduct	*-10.57*	
06 05 23 00-0155	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	14.54	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 250, Deduct	*-2.52*	
		For >250 To 500, Deduct	*-4.39*	
		For >500, Deduct	*-6.25*	
06 05 23 00-0156	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	16.72	
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 250, Deduct	*-2.75*	
		For >250 To 500, Deduct	*-4.77*	
		For >500, Deduct	*-6.78*	
06 05 23 00-0157	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	19.90	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 250, Deduct	*-3.03*	
		For >250 To 500, Deduct	*-5.22*	
		For >500, Deduct	*-7.42*	
06 05 23 00-0158	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	36.85	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.06*	
		For >100 To 250, Deduct	*-4.12*	
		For >250 To 500, Deduct	*-6.94*	
		For >500, Deduct	*-9.75*	
06 05 23 00-0159	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	49.12	
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.55*	
		For >100 To 250, Deduct	*-5.09*	
		For >250 To 500, Deduct	*-8.52*	
		For >500, Deduct	*-11.94*	
06 05 23 00-0160	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	56.93	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-2.86*	
		For >100 To 250, Deduct	*-5.72*	
		For >250 To 500, Deduct	*-9.54*	
		For >500, Deduct	*-13.36*	
06 05 23 00-0161	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	51.92	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.44*	
		For >100 To 250, Deduct	*-4.87*	
		For >250 To 500, Deduct	*-8.07*	
		For >500, Deduct	*-11.26*	
06 05 23 00-0162	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	59.43	
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.80*	
		For >100 To 250, Deduct	*-5.61*	
		For >250 To 500, Deduct	*-9.29*	
		For >500, Deduct	*-12.97*	
06 05 23 00-0163	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	61.87	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.92*	
		For >100 To 250, Deduct	*-5.85*	
		For >250 To 500, Deduct	*-9.69*	
		For >500, Deduct	*-13.54*	
06 05 23 00-0164	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	83.86	
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-3.59*	
		For >100 To 250, Deduct	*-7.19*	
		For >250 To 500, Deduct	*-11.78*	
		For >500, Deduct	*-16.37*	
06 05 23 00-0165	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	91.17	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-3.84*	
		For >100 To 250, Deduct	*-7.67*	
		For >250 To 500, Deduct	*-12.55*	
		For >500, Deduct	*-17.43*	

06 05 23 00-0166 Supports *(06 05 23)*

06 05 23 00-0167 Shear Plates *(06 05 23 00-0166)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0168	EA	2-5/8" Diameter, Shear Plate	8.68	3.02
		For >10 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.58*	
06 05 23 00-0169	EA	4" Diameter, Shear Plate	11.46	3.18
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.82*	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.98*	
06 05 23 00-0170		Sill Anchors *(06 05 23 00-0166)*		
06 05 23 00-0171	EA	Sill Anchor Embedded In Concrete	7.60	3.18
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.72*	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.59*	
06 05 23 00-0172		Spike Grids *(06 05 23 00-0166)*		
06 05 23 00-0173	EA	4" x 4" Flat Or Curved Spike Grid	7.47	3.02
		For >10 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-0.70*	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-3.46*	
06 05 23 00-0174		Split Rings *(06 05 23 00-0166)*		
06 05 23 00-0175	EA	2-1/2" Diameter Split Ring	7.89	3.02
		For >10 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-0.71*	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-3.51*	
06 05 23 00-0176	EA	4" Diameter Split Ring	9.24	3.34
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.89*	
06 05 23 00-0177		Strap Ties *(06 05 23 00-0166)*		
06 05 23 00-0178	EA	1-3/8" Wide x 12" Long, 14 Gauge, Strap Tie	5.25	2.03
		For >10 To 50, Deduct	*-0.23*	
		For >50 To 100, Deduct	*-0.47*	
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-2.34*	
06 05 23 00-0179	EA	1-3/8" Wide x 18" Long, 14 Gauge, Strap Tie	6.12	2.12
		For >10 To 50, Deduct	*-0.24*	
		For >50 To 100, Deduct	*-0.51*	
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.53*	
06 05 23 00-0180	EA	1-3/8" Wide x 24" Long, 14 Gauge, Strap Tie	7.02	2.28
		For >10 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.56*	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.74*	
06 05 23 00-0181	EA	1-3/8" Wide x 36" Long, 14 Gauge, Strap Tie	8.06	2.45
		For >10 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.61*	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.98*	
06 05 23 00-0182		Toothed Rings *(06 05 23 00-0166)*		
06 05 23 00-0183	EA	2-5/8" Or 4" Toothed Ring	9.48	3.02
		For >10 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-2.58*	
		For >500, Deduct	*-3.66*	

06 05 73 Wood Treatment *(06 05)*

06 05 73 13 Fire-Retardant Wood Treatment *(06 05 73)*

06 05 73 13-0001 Preservative Treated Lumber *(06 05 73 13)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 73 13-0002		Fire Retardant Treatment (FRT) For Lumber *(06 05 73 13-0001)*		
06 05 73 13-0003	MBF	Fire Retardant Treatment (FRT) For Lumber	370.43	
06 05 73 33		**Preservative Wood Treatment** *(06 05 73)*		
06 05 73 33-0001		Preservative Treatment For Marine And Fresh Water Uses *(06 05 73 33)*		
06 05 73 33-0002	MBF	Preservative Treatment For Marine And Fresh Water Lumber	103.30	
06 10		Rough Carpentry *(06)*		
06 11		Wood Framing *(06 10)*		
		Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06 05 23 00-0000 for anchors and supports.		
06 11 13		**Engineered Wood Products** *(06 11)*		
		Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal.		
06 11 13 00-0001		Built-Up Members *(06 11 13)*		
		Note: A structural framing member made from fastening separate pieces of lumber together.		
06 11 13 00-0002		Built-Up Beams Or Joists *(06 11 13 00-0001)*		
06 11 13 00-0003	LF	Two 2" x 6" Built-up Wood Beam Or Joist	3.40	1.40
		For Each Additional 2" x_" In The Built Up Member, Add	*0.64*	
06 11 13 00-0004	LF	Two 2" x 8" Built-up Wood Beam Or Joist	4.27	1.64
		For Each Additional 2" x_" In The Built Up Member, Add	*0.90*	
06 11 13 00-0005	LF	Two 2" x 10" Built-up Wood Beam Or Joist	5.46	1.97
		For Each Additional 2" x_" In The Built Up Member, Add	*1.26*	
06 11 13 00-0006		Built-Up Posts *(06 11 13 00-0001)*		
06 11 13 00-0007	LF	Two 2" x 6" Built-up Wood Post	3.40	1.40
		For Each Additional 2" x_" In The Built Up Member, Add	*0.64*	
06 11 13 00-0008	LF	Two 2" x 8" Built-up Wood Post	4.27	1.64
		For Each Additional 2" x_" In The Built Up Member, Add	*0.90*	
06 11 13 00-0009	LF	Two 2" x 10" Built-up Wood Post	5.46	1.97
		For Each Additional 2" x_" In The Built Up Member, Add	*1.26*	
06 11 16		**Mechanically Graded Lumber** *(06 11)*		
06 11 16 00-0001		Sills And Plates *(06 11 16)*		
06 11 16 00-0002		Sills *(06 11 16 00-0001)*		
		Note: A horizontal member which rests on and is attached to the foundation.		
06 11 16 00-0003	LF	2" x 4" Wood Sill	2.23	1.23
06 11 16 00-0004	LF	2" x 6" Wood Sill	2.69	1.40
06 11 16 00-0005	LF	2" x 8" Wood Sill	3.22	1.56
06 11 16 00-0006	LF	2" x 4" Pressure Treated Wood Sill	2.50	1.23
06 11 16 00-0007	LF	2" x 6" Pressure Treated Wood Sill	3.14	1.40
06 11 16 00-0008	LF	2" x 8" Pressure Treated Wood Sill	3.85	1.56
06 11 16 00-0009		Plates *(06 11 16 00-0001)*		
		Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall.		
06 11 16 00-0010	LF	2" x 4" Wood Plate	2.23	1.23
06 11 16 00-0011	LF	2" x 6" Wood Plate	2.69	1.40
06 11 16 00-0012	LF	2" x 8" Wood Plate	3.20	1.56
06 11 16 00-0013	LF	2" x 4" Pressure Treated Wood Plate	2.50	1.23
06 11 16 00-0014	LF	2" x 6" Pressure Treated Wood Plate	3.14	1.40
06 11 16 00-0015	LF	2" x 8" Pressure Treated Wood Plate	3.83	1.56
06 11 16 00-0016		Sills And Plates From Redwood *(06 11 16 00-0001)*		
06 11 16 00-0017		Construction Grade/Rough *(06 11 16 00-0016)*		
06 11 16 00-0018	LF	2" x 6" Redwood, Construction Grade/Rough	3.61	1.40
06 11 16 00-0019	LF	2" x 8" Redwood, Construction Grade/Rough	4.70	1.56
06 11 16 00-0020	LF	2" x 10" Redwood, Construction Grade/Rough	5.70	1.73
06 11 16 00-0021	LF	2" x 12" Redwood, Construction Grade/Rough	6.87	1.89
06 11 16 00-0022		Con Heart/Smooth *(06 11 16 00-0016)*		
06 11 16 00-0023	LF	2" x 6" Redwood, Con Heart/Smooth	4.28	1.40
06 11 16 00-0024	LF	2" x 8" Redwood, Con Heart/Smooth	5.70	1.56
06 11 16 00-0025	LF	2" x 10" Redwood, Con Heart/Smooth	7.39	1.73
06 11 16 00-0026	LF	2" x 12" Redwood, Con Heart/Smooth	8.88	1.89
06 11 16 00-0027		Suspended Ceiling Framing *(06 11 16)*		
06 11 16 00-0028	LF	1" x 2" Wood Suspended Ceiling Framing	1.81	1.07
06 11 16 00-0029	LF	1" x 3" Wood Suspended Ceiling Framing	1.99	1.15
06 11 16 00-0030	LF	2" x 2" Wood Suspended Ceiling Framing	2.16	1.23
06 11 16 00-0031	LF	2" x 4" Wood Suspended Ceiling Framing	2.55	1.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0032	LF	1" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.03	1.07
06 11 16 00-0033	LF	1" x 3" Pressure Treated Wood Suspended Ceiling Framing	1.98	1.15
06 11 16 00-0034	LF	2" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.40	1.23
06 11 16 00-0035	LF	2" x 4" Pressure Treated Wood Suspended Ceiling Framing	2.78	1.40

06 11 16 00-0036 Posts And Girts *(06 11 16)*

06 11 16 00-0037 Posts *(06 11 16 00-0036)*

Note: A vertical, upright framing member.

06 11 16 00-0038	LF	4" x 4" Wood Post	3.13	1.56
06 11 16 00-0039	LF	4" x 5" Wood Post	3.56	1.81
06 11 16 00-0040	LF	4" x 6" Wood Post	3.92	1.97
06 11 16 00-0041	LF	6" x 6" Wood Post	4.37	2.13
06 11 16 00-0042	LF	8" x 8" Wood Post	4.80	2.21
06 11 16 00-0043	LF	10" x 10" Wood Post	5.25	2.55
06 11 16 00-0044	LF	4" x 4" Pressure Treated Wood Post	4.04	1.56
06 11 16 00-0045	LF	4" x 6" Pressure Treated Wood Post	5.22	1.97
06 11 16 00-0046	LF	6" x 6" Pressure Treated Wood Post	6.67	2.13

06 11 16 00-0047 Girts *(06 11 16 00-0036)*

Note: A horizontal member at intermediate level between columns, studs, or posts.

06 11 16 00-0048	LF	2" x 4" Wood Girt	1.57	0.59
06 11 16 00-0049	LF	2" x 6" Wood Girt	1.94	0.65
06 11 16 00-0050	LF	2" x 8" Wood Girt	2.33	0.71
06 11 16 00-0051	LF	2" x 10" Wood Girt	2.82	0.79
06 11 16 00-0052	LF	4" x 4" Wood Girt	3.04	1.19
06 11 16 00-0053	LF	4" x 5" Wood Girt	3.48	1.33
06 11 16 00-0054	LF	4" x 6" Wood Girt	3.91	1.48
06 11 16 00-0055	LF	6" x 6" Wood Girt	4.36	1.62
06 11 16 00-0056	LF	8" x 8" Wood Girt	4.79	1.78
06 11 16 00-0057	LF	10" x 10" Wood Girt	5.24	1.93
06 11 16 00-0058	LF	2" x 4" Pressure Treated Wood Girt	1.84	0.59
06 11 16 00-0059	LF	2" x 6" Pressure Treated Wood Girt	2.39	0.65
06 11 16 00-0060	LF	2" x 8" Pressure Treated Wood Girt	2.96	0.71
06 11 16 00-0061	LF	2" x 10" Pressure Treated Wood Girt	3.47	0.79
06 11 16 00-0062	LF	4" x 4" Pressure Treated Wood Girt	4.04	1.19
06 11 16 00-0063	LF	4" x 6" Pressure Treated Wood Girt	5.22	1.48
06 11 16 00-0064	LF	6" x 6" Pressure Treated Wood Girt	6.67	1.62

06 11 16 00-0065 Construction Grade/Rough Redwod Posts *(06 11 16 00-0036)*

06 11 16 00-0066	LF	4" x 4" Redwood, Construction Grade/Rough Post	5.38	1.56
		For Smooth "Clear", Add	*0.60*	
06 11 16 00-0067	LF	4" x 5" Redwood, Construction Grade/Rough Post	6.42	1.81
		For Smooth "Clear", Add	*0.75*	
06 11 16 00-0068	LF	4" x 6" Redwood, Construction Grade/Rough Post	7.48	1.97
		For Smooth "Clear", Add	*0.91*	
06 11 16 00-0069	LF	4" x 8" Redwood, Construction Grade/Rough Post	9.12	2.03
		For Smooth "Clear", Add	*1.21*	
06 11 16 00-0070	LF	4" x 10" Redwood, Construction Grade/Rough Post	10.81	2.16
		For Smooth "Clear", Add	*1.51*	
06 11 16 00-0071	LF	6" x 6" Redwood, Construction Grade/Rough Post	10.05	2.13
		For Smooth "Clear", Add	*1.36*	
06 11 16 00-0072	LF	6" x 8" Redwood, Construction Grade/Rough Post	12.44	2.21
		For Smooth "Clear", Add	*1.81*	
06 11 16 00-0073	LF	6" x 10" Redwood, Construction Grade/Rough Post	14.79	2.08
		For Smooth "Clear", Add	*2.26*	
06 11 16 00-0074	LF	8" x 8" Redwood, Construction Grade/Rough Post	15.62	2.21
		For Smooth "Clear", Add	*2.41*	

06 11 16 00-0075 Stair Stringers *(06 11 16)*

See CSI section 06 43 13 00-0001 for treads and risers.

06 11 16 00-0076	LF	2" x 10" Wood Stair Stringer	6.16	3.29
06 11 16 00-0077	LF	2" x 12" Wood Stair Stringer	7.28	3.86
06 11 16 00-0078	LF	2" x 10" Pressure Treated Wood Stair Stringer	6.83	3.29
06 11 16 00-0079	LF	2" x 12" Pressure Treated Wood Stair Stringer	8.22	3.86

06 11 16 00-0080 Blocking *(06 11 16)*

06 11 16 00-0081 Blocking *(06 11 16 00-0080)*

06 11 16 00-0082 Blocking To Wood *(06 11 16 00-0081)*

06 11 16 00-0083	LF	2" x 4" Pressure Treated Wood Blocking To Wood	4.89	1.97
06 11 16 00-0084	LF	2" x 6" Pressure Treated Wood Blocking To Wood	5.91	2.17
06 11 16 00-0085	LF	2" x 8" Pressure Treated Wood Blocking To Wood	6.80	2.38
06 11 16 00-0086	LF	4" x 4" Pressure Treated Wood Blocking To Wood	7.98	2.62
06 11 16 00-0087	LF	4" x 6" Pressure Treated Wood Blocking To Wood	8.55	2.88
06 11 16 00-0088	LF	2" x 4" Wood Blocking To Wood	4.33	1.97
06 11 16 00-0089	LF	2" x 6" Wood Blocking To Wood	4.98	2.17
06 11 16 00-0090	LF	2" x 8" Wood Blocking To Wood	5.67	2.38
06 11 16 00-0091	LF	4" x 4" Wood Blocking To Wood	6.02	2.62
06 11 16 00-0092	LF	4" x 6" Wood Blocking To Wood	6.74	2.88

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0093		Blocking To Steel *(06 11 16 00-0081)*		
06 11 16 00-0094	LF	2" x 4" Pressure Treated Wood Blocking To Steel	5.58	2.26
06 11 16 00-0095	LF	2" x 6" Pressure Treated Wood Blocking To Steel	6.71	2.50
06 11 16 00-0096	LF	2" x 8" Pressure Treated Wood Blocking To Steel	7.72	2.74
06 11 16 00-0097	LF	2" x 4" Wood Blocking To Steel	4.96	2.26
06 11 16 00-0098	LF	2" x 6" Wood Blocking To Steel	5.68	2.50
06 11 16 00-0099	LF	2" x 8" Wood Blocking To Steel	6.48	2.74
06 11 16 00-0100		Blocking To Concrete *(06 11 16 00-0081)*		
06 11 16 00-0101	LF	2" x 4" Pressure Treated Wood Blocking To Concrete	5.58	2.26
06 11 16 00-0102	LF	2" x 6" Pressure Treated Wood Blocking To Concrete	6.71	2.50
06 11 16 00-0103	LF	2" x 8" Pressure Treated Wood Blocking To Concrete	7.72	2.74
06 11 16 00-0104	LF	2" x 4" Wood Blocking To Concrete	4.96	2.26
06 11 16 00-0105	LF	2" x 6" Wood Blocking To Concrete	5.68	2.50
06 11 16 00-0106	LF	2" x 8" Wood Blocking To Concrete	6.48	2.74
06 11 16 00-0107		Pressure Treated Lattice *(06 11 16 00-0080)*		
06 11 16 00-0108	SF	3/4" Thick Pressure Treated Wood Lattice	5.11	1.73
06 11 16 00-0109		Canopy Framing, Bridging, And Furring *(06 11 16)*		
06 11 16 00-0110		Wood And Steel Bridging *(06 11 16 00-0109)*		
06 11 16 00-0111		Wood Bridging *(06 11 16 00-0110)*		
06 11 16 00-0112	EA	1 Pair Wood Bridging, 1" x 3" Cross Type Note: For joists spaced at 16" on center.	6.65	2.87
06 11 16 00-0113	EA	1 Pair Wood Bridging, 2" x 3" Cross Type Note: For joists spaced at 16" on center.	6.86	2.87
06 11 16 00-0114		Steel Bridging *(06 11 16 00-0110)*		
06 11 16 00-0115	EA	1 Pair Steel Bridging, Wood Joists At 16" On Center	7.54	2.87
06 11 16 00-0116	EA	1 Pair Steel Bridging, Wood Joists At 24" On Center	7.53	2.87
06 11 16 00-0117		Light Framing, Trim And Furring *(06 11 16 00-0109)*		
06 11 16 00-0118		Pine/Spruce/Fir Light Framing, Trim And Furring *(06 11 16 00-0117)*		
06 11 16 00-0119	LF	1" x 1" Pine/Spruce/Fir Light Framing, Trim And Furring	1.47	0.67
06 11 16 00-0120	LF	1" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring	1.65	0.74
06 11 16 00-0121	LF	1" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	1.90	0.81
06 11 16 00-0122	LF	1" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	2.12	0.89
06 11 16 00-0123	LF	1" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	2.36	0.98
06 11 16 00-0124	LF	1" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	2.61	1.09
06 11 16 00-0125	LF	2" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring	2.14	0.89
06 11 16 00-0126	LF	2" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	2.39	0.98
06 11 16 00-0127	LF	2" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	2.81	1.09
06 11 16 00-0128	LF	2" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	3.29	1.19
06 11 16 00-0129	LF	2" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	3.87	1.31
06 11 16 00-0130		Cedar Light Framing, Trim And Furring *(06 11 16 00-0117)*		
06 11 16 00-0131	LF	1" x 1" Cedar Light Framing, Trim And Furring	1.49	0.67
06 11 16 00-0132	LF	1" x 2" Cedar Light Framing, Trim And Furring	1.76	0.74
06 11 16 00-0133	LF	1" x 4" Cedar Light Framing, Trim And Furring	2.30	0.81
06 11 16 00-0134	LF	1" x 6" Cedar Light Framing, Trim And Furring	2.82	0.89
06 11 16 00-0135	LF	1" x 8" Cedar Light Framing, Trim And Furring	4.18	0.98
06 11 16 00-0136	LF	1" x 10" Cedar Light Framing, Trim And Furring	4.93	1.09
06 11 16 00-0137	LF	2" x 2" Cedar Light Framing, Trim And Furring	2.40	0.89
06 11 16 00-0138	LF	2" x 4" Cedar Light Framing, Trim And Furring	2.78	0.98
06 11 16 00-0139		Oak Light Framing, Trim And Furring *(06 11 16 00-0117)*		
06 11 16 00-0140	LF	1" x 1" Oak Light Framing, Trim And Furring	1.50	0.67
06 11 16 00-0141	LF	1" x 2" Oak Light Framing, Trim And Furring	1.77	0.74
06 11 16 00-0142	LF	1" x 4" Oak Light Framing, Trim And Furring	2.20	0.81
06 11 16 00-0143	LF	1" x 6" Oak Light Framing, Trim And Furring	2.66	0.89
06 11 16 00-0144	LF	1" x 8" Oak Light Framing, Trim And Furring	3.13	0.98
06 11 16 00-0145	LF	1" x 10" Oak Light Framing, Trim And Furring	3.63	1.09
06 11 16 00-0146	LF	2" x 2" Oak Light Framing, Trim And Furring	2.37	0.89
06 11 16 00-0147	LF	2" x 4" Oak Light Framing, Trim And Furring	3.14	0.98
06 11 16 00-0148		Redwood Light Framing, Trim And Furring *(06 11 16 00-0117)*		
06 11 16 00-0149	LF	1" x 1" Redwood Light Framing, Trim And Furring	1.45	0.67
06 11 16 00-0150	LF	1" x 2" Redwood Light Framing, Trim And Furring	1.69	0.74
06 11 16 00-0151	LF	1" x 4" Redwood Light Framing, Trim And Furring	2.06	0.81
06 11 16 00-0152	LF	1" x 6" Redwood Light Framing, Trim And Furring	2.49	0.89
06 11 16 00-0153	LF	1" x 8" Redwood Light Framing, Trim And Furring	2.95	0.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0154	LF	1" x 10" Redwood Light Framing, Trim And Furring	3.46	1.09
06 11 16 00-0155	LF	2" x 2" Redwood Light Framing, Trim And Furring	2.50	0.89
06 11 16 00-0156	LF	2" x 4" Redwood Light Framing, Trim And Furring	2.97	0.98
06 11 16 00-0157		**Poplar Light Framing, Trim And Furring** *(06 11 16 00-0117)*		
06 11 16 00-0158	LF	1" x 1" Poplar Light Framing, Trim And Furring	1.70	0.67
06 11 16 00-0159	LF	1" x 2" Poplar Light Framing, Trim And Furring	2.08	0.74
06 11 16 00-0160	LF	1" x 4" Poplar Light Framing, Trim And Furring	2.61	0.81
06 11 16 00-0161	LF	1" x 6" Poplar Light Framing, Trim And Furring	3.33	0.89
06 11 16 00-0162	LF	1" x 8" Poplar Light Framing, Trim And Furring	3.87	0.98
06 11 16 00-0163	LF	1" x 10" Poplar Light Framing, Trim And Furring	5.11	1.09
06 11 16 00-0164	LF	1" x 12" Poplar Light Framing, Trim And Furring	5.53	1.09
06 11 16 00-0165	LF	2" x 2" Poplar Light Framing, Trim And Furring	4.38	0.89
06 11 16 00-0166	LF	2" x 4" Poplar Light Framing, Trim And Furring	4.91	0.98
06 11 16 00-0167	LF	2" x 6" Poplar Light Framing, Trim And Furring	6.57	1.09
06 11 16 00-0168		**Maple Light Framing, Trim And Furring** *(06 11 16 00-0117)*		
06 11 16 00-0169	LF	1" x 4" Maple Light Framing, Trim And Furring	3.67	0.81
06 11 16 00-0170	LF	1" x 6" Maple Light Framing, Trim And Furring	4.98	0.89
06 11 16 00-0171	LF	1" x 8" Maple Light Framing, Trim And Furring	6.32	0.98
06 11 16 00-0172		**Rafters And Joists** *(06 11 16)*		
06 11 16 00-0173		**Rafters** *(06 11 16 00-0172)*		
		Note: An inclined roof framing member to which a roof covering is attached.		
06 11 16 00-0174	LF	2" x 6" Wood Rafter	1.95	0.98
06 11 16 00-0175	LF	2" x 8" Wood Rafter	2.30	1.07
06 11 16 00-0176	LF	2" x 10" Wood Rafter	3.30	1.56
06 11 16 00-0177	LF	2" x 12" Wood Rafter	3.82	1.73
06 11 16 00-0178	LF	2" x 14" Wood Rafter	4.15	1.89
06 11 16 00-0179	LF	2" x 6" Pressure Treated Wood Rafter	2.40	0.98
06 11 16 00-0180	LF	2" x 8" Pressure Treated Wood Rafter	2.93	1.07
06 11 16 00-0181	LF	2" x 10" Pressure Treated Wood Rafter	3.95	1.56
06 11 16 00-0182	LF	2" x 12" Pressure Treated Wood Rafter	4.77	1.73
06 11 16 00-0183		**Joists** *(06 11 16 00-0172)*		
		Note: A series of parallel beams to support floors or ceilings.		
06 11 16 00-0184	LF	2" x 6" Wood Floor Joist	1.71	0.82
06 11 16 00-0185	LF	2" x 8" Wood Floor Joist	2.13	0.90
06 11 16 00-0186	LF	2" x 10" Wood Floor Joist	2.73	1.15
06 11 16 00-0187	LF	2" x 12" Wood Floor Joist	3.25	1.31
06 11 16 00-0188	LF	2" x 14" Wood Floor Joist	3.57	1.40
06 11 16 00-0189	LF	2" x 6" Pressure Treated Wood Floor Joist	2.16	0.82
06 11 16 00-0190	LF	2" x 8" Pressure Treated Wood Floor Joist	2.76	0.90
06 11 16 00-0191	LF	2" x 10" Pressure Treated Wood Floor Joist	3.38	1.15
06 11 16 00-0192	LF	2" x 12" Pressure Treated Wood Floor Joist	4.20	1.31
06 11 16 00-0193		**Purlins** *(06 11 16 00-0172)*		
		Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.		
06 11 16 00-0194	LF	2" x 4" Wood Purlin	1.36	0.50
06 11 16 00-0195	LF	2" x 6" Wood Purlin	1.73	0.54
06 11 16 00-0196	LF	2" x 8" Wood Purlin	2.09	0.60
06 11 16 00-0197	LF	2" x 10" Wood Purlin	2.56	0.66
06 11 16 00-0198	LF	2" x 4" Pressure Treated Wood Purlin	1.63	0.50
06 11 16 00-0199	LF	2" x 6" Pressure Treated Wood Purlin	2.18	0.54
06 11 16 00-0200	LF	2" x 8" Pressure Treated Wood Purlin	2.72	0.60
06 11 16 00-0201	LF	2" x 10" Pressure Treated Wood Purlin	3.21	0.66
06 11 16 00-0202		**Exposed Rafters Or Joists** *(06 11 16 00-0172)*		
06 11 16 00-0203		**Redwood Rafters Or Joists** *(06 11 16 00-0202)*		
06 11 16 00-0204	LF	2" x 6" Redwood Rafter Or Joist	2.64	0.82
06 11 16 00-0205	LF	2" x 8" Redwood Rafter Or Joist	3.22	0.90
06 11 16 00-0206	LF	2" x 10" Redwood Rafter Or Joist	4.02	1.15
06 11 16 00-0207	LF	2" x 12" Redwood Rafter Or Joist	4.87	1.31
06 11 16 00-0208		**Cedar Rafters Or Joists** *(06 11 16 00-0202)*		
06 11 16 00-0209	LF	2" x 6" Cedar Rafter Or Joist	1.71	0.82
06 11 16 00-0210	LF	2" x 8" Cedar Rafter Or Joist	1.91	0.90
06 11 16 00-0211	LF	2" x 10" Cedar Rafter Or Joist	2.21	1.15
06 11 16 00-0212	LF	2" x 12" Cedar Rafter Or Joist	2.50	1.31
06 11 16 00-0213		**Oak Rafters Or Joists** *(06 11 16 00-0202)*		
06 11 16 00-0214	LF	2" x 6" Oak Rafter Or Joist	2.09	0.82
06 11 16 00-0215	LF	2" x 8" Oak Rafter Or Joist	2.87	0.90
06 11 16 00-0216	LF	2" x 10" Oak Rafter Or Joist	3.75	1.15
06 11 16 00-0217	LF	2" x 12" Oak Rafter Or Joist	4.62	1.31

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0218		Framing *(06 11 16)*		
06 11 16 00-0219		Partition Framing *(06 11 16 00-0218)*		
06 11 16 00-0220	LF	2" x 4" Wood Stud Framing, For Partition Walls	1.32	0.66
06 11 16 00-0221	LF	2" x 6" Wood Stud Framing, For Partition Walls	1.62	0.70
06 11 16 00-0222	LF	2" x 8" Wood Stud Framing, For Partition Walls	1.93	0.74
06 11 16 00-0223	LF	2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls	1.59	0.66
06 11 16 00-0224	LF	2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls	2.07	0.70
06 11 16 00-0225	LF	2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls	2.56	0.74
06 11 16 00-0226		Wall Framing Assemblies By The SF *(06 11 16 00-0218)* Note: Includes single bottom and double top plates, center support bracing, vertical studs and appropriate fastening devices.		
06 11 16 00-0227		Wall Framing By The SF, 12" On Center *(06 11 16 00-0226)*		
06 11 16 00-0228	SF	2" x 4" Wood Wall Framing At 12" On Center	1.72	0.79
		For Up To 200, Add	*0.58*	
		For >200 To 500, Add	*0.29*	
06 11 16 00-0229	SF	2" x 6" Wood Wall Framing At 12" On Center	2.32	1.02
		For Up To 200, Add	*0.76*	
		For >200 To 500, Add	*0.38*	
06 11 16 00-0230	SF	2" x 8" Wood Wall Framing At 12" On Center	3.09	1.36
		For Up To 200, Add	*1.02*	
		For >200 To 500, Add	*0.51*	
06 11 16 00-0231		Wall Framing By The SF, 16" On Center *(06 11 16 00-0226)*		
06 11 16 00-0232	SF	2" x 4" Wood Wall Framing At 16" On Center	1.39	0.64
		For Up To 200, Add	*0.47*	
		For >200 To 500, Add	*0.23*	
06 11 16 00-0233	SF	2" x 6" Wood Wall Framing At 16" On Center	1.93	0.85
		For Up To 200, Add	*0.64*	
		For >200 To 500, Add	*0.32*	
06 11 16 00-0234	SF	2" x 8" Wood Wall Framing At 16" On Center	2.58	1.13
		For Up To 200, Add	*0.85*	
		For >200 To 500, Add	*0.43*	
06 11 16 00-0235		Wall Framing By The SF, 24" On Center *(06 11 16 00-0226)*		
06 11 16 00-0236	SF	2" x 4" Wood Wall Framing At 24" On Center	1.10	0.50
		For Up To 200, Add	*0.37*	
		For >200 To 500, Add	*0.18*	
06 11 16 00-0237	SF	2" x 6" Wood Wall Framing At 24" On Center	1.51	0.66
		For Up To 200, Add	*0.50*	
		For >200 To 500, Add	*0.25*	
06 11 16 00-0238	SF	2" x 8" Wood Wall Framing At 24" On Center	2.02	0.88
		For Up To 200, Add	*0.66*	
		For >200 To 500, Add	*0.33*	
06 11 16 00-0239		Platform Edging *(06 11 16)* Note: Includes bolting to concrete surface.		
06 11 16 00-0240	LF	1" Wood Platform Edging, Including Bolts	11.41	4.94
06 11 16 00-0241	LF	2" Wood Platform Edging, Including Bolts	14.61	5.76
06 13		Heavy Timber Construction *(06 10)*		
06 13 23		**Heavy Timber Framing** *(06 13)*		
06 13 23 00-0001		Heavy Timber Framing *(06 13 23)* Note: Excludes fasteners.		
06 13 23 00-0002		Heavy Timber Beams *(06 13 23 00-0001)*		
06 13 23 00-0003		Pine, Heavy Timber Beams *(06 13 23 00-0002)*		
06 13 23 00-0004	LF	4" x 4", Pine, Heavy Timber Beam	4.12	1.46
06 13 23 00-0005	LF	4" x 6", Pine, Heavy Timber Beam	4.86	1.52
06 13 23 00-0006	LF	4" x 8", Pine, Heavy Timber Beam	5.59	1.58
06 13 23 00-0007	LF	4" x 10", Pine, Heavy Timber Beam	7.04	1.69
06 13 23 00-0008	LF	4" x 12", Pine, Heavy Timber Beam	8.24	1.79
06 13 23 00-0009	LF	6" x 6", Pine, Heavy Timber Beam	5.98	1.64
06 13 23 00-0010	LF	6" x 8", Pine, Heavy Timber Beam	7.03	1.73
06 13 23 00-0011	LF	6" x 10", Pine, Heavy Timber Beam	9.21	1.85
06 13 23 00-0012	LF	6" x 12", Pine, Heavy Timber Beam	10.78	1.89
06 13 23 00-0013	LF	8" x 8", Pine, Heavy Timber Beam	8.41	1.79
06 13 23 00-0014	LF	8" x 10", Pine, Heavy Timber Beam	11.05	1.85
06 13 23 00-0015	LF	8" x 12", Pine, Heavy Timber Beam	13.18	1.89
06 13 23 00-0016	LF	10" x 10", Pine, Heavy Timber Beam	13.05	1.89
06 13 23 00-0017	LF	10" x 12", Pine, Heavy Timber Beam	15.79	2.05
06 13 23 00-0018	LF	12" x 12", Pine, Heavy Timber Beam	18.53	2.26
06 13 23 00-0019		Douglas Fir, Heavy Timber Beams *(06 13 23 00-0002)*		
06 13 23 00-0020	LF	4" x 4", Douglas Fir, Heavy Timber Beam	4.24	1.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0021	LF	4" x 6", Douglas Fir, Heavy Timber Beam	5.04	1.52
06 13 23 00-0022	LF	4" x 8", Douglas Fir, Heavy Timber Beam	5.84	1.58
06 13 23 00-0023	LF	4" x 10", Douglas Fir, Heavy Timber Beam	7.41	1.69
06 13 23 00-0024	LF	4" x 12", Douglas Fir, Heavy Timber Beam	8.70	1.79
06 13 23 00-0025	LF	6" x 6", Douglas Fir, Heavy Timber Beam	6.25	1.64
06 13 23 00-0026	LF	6" x 8", Douglas Fir, Heavy Timber Beam	7.39	1.73
06 13 23 00-0027	LF	6" x 10", Douglas Fir, Heavy Timber Beam	9.76	1.85
06 13 23 00-0028	LF	6" x 12", Douglas Fir, Heavy Timber Beam	11.49	1.89
06 13 23 00-0029	LF	8" x 8", Douglas Fir, Heavy Timber Beam	8.89	1.79
06 13 23 00-0030	LF	8" x 10", Douglas Fir, Heavy Timber Beam	11.78	1.85
06 13 23 00-0031	LF	8" x 12", Douglas Fir, Heavy Timber Beam	14.12	1.89
06 13 23 00-0032	LF	10" x 10", Douglas Fir, Heavy Timber Beam	13.96	1.89
06 13 23 00-0033	LF	10" x 12", Douglas Fir, Heavy Timber Beam	16.94	2.05
06 13 23 00-0034	LF	12" x 12", Douglas Fir, Heavy Timber Beam	19.92	2.26
06 13 23 00-0035		**Pressure Treated, Heavy Timber Beams** *(06 13 23 00-0002)*		
06 13 23 00-0036	LF	4" x 4", Pressure Treated, Heavy Timber Beam	4.07	1.46
06 13 23 00-0037	LF	4" x 6", Pressure Treated, Heavy Timber Beam	4.88	1.52
06 13 23 00-0038	LF	4" x 8", Pressure Treated, Heavy Timber Beam	5.59	1.58
06 13 23 00-0039	LF	4" x 10", Pressure Treated, Heavy Timber Beam	7.05	1.69
06 13 23 00-0040	LF	4" x 12", Pressure Treated, Heavy Timber Beam	8.24	1.79
06 13 23 00-0041	LF	6" x 6", Pressure Treated, Heavy Timber Beam	5.98	1.64
06 13 23 00-0042	LF	6" x 8", Pressure Treated, Heavy Timber Beam	6.29	1.73
06 13 23 00-0043	LF	6" x 10", Pressure Treated, Heavy Timber Beam	8.90	1.85
06 13 23 00-0044	LF	6" x 12", Pressure Treated, Heavy Timber Beam	10.60	1.89
06 13 23 00-0045	LF	8" x 8", Pressure Treated, Heavy Timber Beam	10.61	1.79
06 13 23 00-0046	LF	8" x 10", Pressure Treated, Heavy Timber Beam	12.14	1.85
06 13 23 00-0047	LF	8" x 12", Pressure Treated, Heavy Timber Beam	14.09	1.89
06 13 23 00-0048	LF	10" x 10", Pressure Treated, Heavy Timber Beam	14.15	1.89
06 13 23 00-0049	LF	10" x 12", Pressure Treated, Heavy Timber Beam	18.32	2.05
06 13 23 00-0050	LF	12" x 12", Pressure Treated, Heavy Timber Beam	21.57	2.26
06 13 23 00-0051		**Heavy Timber Columns** *(06 13 23 00-0001)*		
06 13 23 00-0052		**Pine, Heavy Timber Columns** *(06 13 23 00-0051)*		
06 13 23 00-0053	LF	4" x 4", Pine, Heavy Timber Column	2.74	0.77
06 13 23 00-0054	LF	4" x 6", Pine, Heavy Timber Column	3.44	0.81
06 13 23 00-0055	LF	4" x 8", Pine, Heavy Timber Column	4.09	0.83
06 13 23 00-0056	LF	4" x 10", Pine, Heavy Timber Column	5.45	0.88
06 13 23 00-0057	LF	4" x 12", Pine, Heavy Timber Column	6.55	0.94
06 13 23 00-0058	LF	6" x 6", Pine, Heavy Timber Column	4.44	0.85
06 13 23 00-0059	LF	6" x 8", Pine, Heavy Timber Column	5.42	0.89
06 13 23 00-0060	LF	6" x 10", Pine, Heavy Timber Column	7.46	0.97
06 13 23 00-0061	LF	6" x 12", Pine, Heavy Timber Column	8.99	1.00
06 13 23 00-0062	LF	8" x 8", Pine, Heavy Timber Column	6.72	0.94
06 13 23 00-0063	LF	8" x 10", Pine, Heavy Timber Column	9.30	0.97
06 13 23 00-0064	LF	8" x 12", Pine, Heavy Timber Column	11.36	1.02
06 13 23 00-0065	LF	10" x 10", Pine, Heavy Timber Column	11.22	1.02
06 13 23 00-0066	LF	10" x 12", Pine, Heavy Timber Column	13.84	1.08
06 13 23 00-0067	LF	12" x 12", Pine, Heavy Timber Column	16.39	1.19
06 13 23 00-0068		**Douglas Fir, Heavy Timber Columns** *(06 13 23 00-0051)*		
06 13 23 00-0069	LF	4" x 4", Douglas Fir, Heavy Timber Column	2.86	0.77
06 13 23 00-0070	LF	4" x 6", Douglas Fir, Heavy Timber Column	3.62	0.81
06 13 23 00-0071	LF	4" x 8", Douglas Fir, Heavy Timber Column	4.34	0.83
06 13 23 00-0072	LF	4" x 10", Douglas Fir, Heavy Timber Column	5.82	0.88
06 13 23 00-0073	LF	4" x 12", Douglas Fir, Heavy Timber Column	7.01	0.94
06 13 23 00-0074	LF	6" x 6", Douglas Fir, Heavy Timber Column	4.71	0.85
06 13 23 00-0075	LF	6" x 8", Douglas Fir, Heavy Timber Column	5.78	0.89
06 13 23 00-0076	LF	6" x 10", Douglas Fir, Heavy Timber Column	8.01	0.97
06 13 23 00-0077	LF	6" x 12", Douglas Fir, Heavy Timber Column	9.70	1.00
06 13 23 00-0078	LF	8" x 8", Douglas Fir, Heavy Timber Column	7.20	0.94
06 13 23 00-0079	LF	8" x 10", Douglas Fir, Heavy Timber Column	10.03	0.97
06 13 23 00-0080	LF	8" x 12", Douglas Fir, Heavy Timber Column	12.30	1.02
06 13 23 00-0081	LF	10" x 10", Douglas Fir, Heavy Timber Column	12.13	1.02
06 13 23 00-0082	LF	10" x 12", Douglas Fir, Heavy Timber Column	14.99	1.08
06 13 23 00-0083	LF	12" x 12", Douglas Fir, Heavy Timber Column	17.78	1.19
06 13 23 00-0084		**Pressure Treated, Heavy Timber Columns** *(06 13 23 00-0051)*		
06 13 23 00-0085	LF	4" x 4", Pressure Treated, Heavy Timber Column	2.69	0.77
06 13 23 00-0086	LF	4" x 6", Pressure Treated, Heavy Timber Column	3.46	0.81
06 13 23 00-0087	LF	4" x 8", Pressure Treated, Heavy Timber Column	4.09	0.83
06 13 23 00-0088	LF	4" x 10", Pressure Treated, Heavy Timber Column	5.46	0.88
06 13 23 00-0089	LF	4" x 12", Pressure Treated, Heavy Timber Column	6.55	0.94
06 13 23 00-0090	LF	6" x 6", Pressure Treated, Heavy Timber Column	4.44	0.85
06 13 23 00-0091	LF	6" x 8", Pressure Treated, Heavy Timber Column	4.68	0.89
06 13 23 00-0092	LF	6" x 10", Pressure Treated, Heavy Timber Column	7.15	0.97
06 13 23 00-0093	LF	6" x 12", Pressure Treated, Heavy Timber Column	8.81	1.00
06 13 23 00-0094	LF	8" x 8", Pressure Treated, Heavy Timber Column	8.92	0.94
06 13 23 00-0095	LF	8" x 10", Pressure Treated, Heavy Timber Column	10.39	0.97
06 13 23 00-0096	LF	8" x 12", Pressure Treated, Heavy Timber Column	12.27	1.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0097	LF	10" x 10", Pressure Treated, Heavy Timber Column	12.32	1.02
06 13 23 00-0098	LF	10" x 12", Pressure Treated, Heavy Timber Column	16.37	1.08
06 13 23 00-0099	LF	12" x 12", Pressure Treated, Heavy Timber Column	19.43	1.19

06 15 Wood Decking *(06 10)*

06 15 13 Wood Floor Decking *(06 15)*

06 15 13 00-0001 Wood Deck Systems *(06 15 13)*
Note: Includes the deck, joists, girders, posts (8' O.C.), pickets and railing.

06 15 13 00-0002 Pressure Treated Wood Deck System *(06 15 13 00-0001)*

06 15 13 00-0003 2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*

06 15 13 00-0004	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	24.75	5.28
06 15 13 00-0005	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	23.80	5.02
06 15 13 00-0006	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	25.57	5.41
06 15 13 00-0007	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	24.63	5.15

06 15 13 00-0008 2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*

06 15 13 00-0009	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	25.51	5.41
06 15 13 00-0010	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	24.53	5.14
06 15 13 00-0011	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	26.35	5.55
06 15 13 00-0012	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center	25.37	5.27

06 15 13 00-0013 2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*

06 15 13 00-0014	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	24.75	5.28
06 15 13 00-0015	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	23.80	5.02
06 15 13 00-0016	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	25.57	5.41
06 15 13 00-0017	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	24.63	5.15

06 15 13 00-0018 Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0001)*

06 15 13 00-0019 2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*

06 15 13 00-0020	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	25.84	5.28
06 15 13 00-0021	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	24.94	5.14
06 15 13 00-0022	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	26.94	5.41
06 15 13 00-0023	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	25.91	5.15

06 15 13 00-0024 2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*

06 15 13 00-0025	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	27.22	5.41
06 15 13 00-0026	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	26.29	5.14
06 15 13 00-0027	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	28.39	5.55
06 15 13 00-0028	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	27.34	5.27

06 15 13 00-0029 2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*

06 15 13 00-0030	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	26.28	5.28
06 15 13 00-0031	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	25.38	5.02
06 15 13 00-0032	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	27.40	5.41
06 15 13 00-0033	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	26.72	5.15

06 15 13 00-0034 Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0001)*

06 15 13 00-0035 2" x 8" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0034)*

06 15 13 00-0036	SF	5/4" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	25.35	5.28
06 15 13 00-0037	SF	5/4" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	24.43	5.02
06 15 13 00-0038	SF	2" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	26.38	5.41
06 15 13 00-0039	SF	2" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	25.34	5.15

06 15 13 00-0040 2" x 10" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0034)*

06 15 13 00-0041	SF	5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	26.63	5.41
06 15 13 00-0042	SF	5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	25.68	5.14
06 15 13 00-0043	SF	2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	27.73	5.55
06 15 13 00-0044	SF	2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	26.87	5.27

06 15 13 00-0045 2" x 10" Joists At 24" On Center, Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0034)*

06 15 13 00-0046	SF	5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	26.07	5.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0047	SF	5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	24.81	5.02
06 15 13 00-0048	SF	2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	26.79	5.41
06 15 13 00-0049	SF	2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	25.95	5.15
06 15 13 00-0050		Cedar With Pressure Treated Joists Wood Deck System *(06 15 13 00-0001)*		
06 15 13 00-0051		2" x 8" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0050)*		
06 15 13 00-0052	SF	5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	25.14	5.28
06 15 13 00-0053	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	24.21	5.02
06 15 13 00-0054	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	26.00	5.41
06 15 13 00-0055	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	25.07	5.15
06 15 13 00-0056		2" x 10" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0050)*		
06 15 13 00-0057	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	25.93	5.41
06 15 13 00-0058	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	25.15	5.14
06 15 13 00-0059	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	26.80	5.55
06 15 13 00-0060	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	25.87	5.27
06 15 13 00-0061		2" x 10" Joists At 24" On Center, Cedar With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0050)*		
06 15 13 00-0062	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	25.39	5.28
06 15 13 00-0063	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	24.46	5.02
06 15 13 00-0064	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	26.25	5.41
06 15 13 00-0065	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	25.32	5.15
06 15 13 00-0066		Wood Stair Systems *(06 15 13)* Note: Includes the decking, joists, girders, posts at corners and along stairs, pickets and railing.		
06 15 13 00-0067		Pressure Treated Wood Stair System *(06 15 13 00-0066)*		
06 15 13 00-0068		2" x 10" Joists, Pressure Treated Wood Stair System *(06 15 13 00-0067)*		
06 15 13 00-0069	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	76.91	12.67
06 15 13 00-0070	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	74.37	12.04
06 15 13 00-0071	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	79.15	12.99
06 15 13 00-0072	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	76.32	12.35
06 15 13 00-0073	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	80.75	13.31
06 15 13 00-0074	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	78.09	12.64
06 15 13 00-0075	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	83.11	13.64
06 15 13 00-0076	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	80.13	12.97
06 15 13 00-0077	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	84.73	13.97
06 15 13 00-0078	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	81.92	13.27
06 15 13 00-0079	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	87.20	14.33
06 15 13 00-0080	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	84.07	13.61
06 15 13 00-0081	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	89.62	14.67
06 15 13 00-0082	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	86.72	13.94
06 15 13 00-0083	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	92.24	15.05
06 15 13 00-0084	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	88.99	14.29
06 15 13 00-0085		2" x 12" Joists, Pressure Treated Wood Stair System *(06 15 13 00-0067)*		
06 15 13 00-0086	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	78.64	12.99
06 15 13 00-0087	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	75.83	12.34
06 15 13 00-0088	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	80.99	13.32
06 15 13 00-0089	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	78.11	12.66
06 15 13 00-0090	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	82.58	13.64
06 15 13 00-0091	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	79.63	12.96
06 15 13 00-0092	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	85.03	13.99
06 15 13 00-0093	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	82.02	13.29
06 15 13 00-0094	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	86.64	14.31
06 15 13 00-0095	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	83.55	13.60
06 15 13 00-0096	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	89.23	14.69
06 15 13 00-0097	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	86.06	13.96
06 15 13 00-0098	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	91.65	15.04
06 15 13 00-0099	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	88.42	14.29
06 15 13 00-0100	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	94.40	15.42
06 15 13 00-0101	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	91.09	14.65
06 15 13 00-0102		Redwood With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0066)*		
06 15 13 00-0103		2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0102)*		
06 15 13 00-0104	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	82.95	12.67
06 15 13 00-0105	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	80.35	12.04
06 15 13 00-0106	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	85.56	12.99
06 15 13 00-0107	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	82.93	12.35
06 15 13 00-0108	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	87.09	13.31
06 15 13 00-0109	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	84.37	12.64
06 15 13 00-0110	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	89.85	13.64

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0111	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	87.07	12.97
06 15 13 00-0112	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	91.36	13.97
06 15 13 00-0113	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	88.49	13.27
06 15 13 00-0114	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	94.24	14.33
06 15 13 00-0115	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	91.32	13.61
06 15 13 00-0116	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	96.92	14.67
06 15 13 00-0117	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	93.94	13.94
06 15 13 00-0118	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	99.99	15.05
06 15 13 00-0119	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	96.97	14.29

06 15 13 00-0120 2" x 12" Joists, Redwood With Pressure Treated Joists, Wood Stair System
(06 15 13 00-0102)

06 15 13 00-0121	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	82.90	12.99
06 15 13 00-0122	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	80.24	12.34
06 15 13 00-0123	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	85.42	13.32
06 15 13 00-0124	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	82.76	12.66
06 15 13 00-0125	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	87.05	13.64
06 15 13 00-0126	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	84.26	12.96
06 15 13 00-0127	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	89.69	13.99
06 15 13 00-0128	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	86.90	13.29
06 15 13 00-0129	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	91.32	14.31
06 15 13 00-0130	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	88.39	13.60
06 15 13 00-0131	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	94.09	14.69
06 15 13 00-0132	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	91.16	13.96
06 15 13 00-0133	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	96.79	15.04
06 15 13 00-0134	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	93.75	14.29
06 15 13 00-0135	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	99.75	15.42
06 15 13 00-0136	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	96.69	14.65

06 15 13 00-0137 Wood Deck And Ramp Systems Repairs *(06 15 13)*
Note: Includes removal of material and screws. Excludes anchors and bolts.

06 15 13 00-0138 Deck Joist Or Girt *(06 15 13 00-0137)*
See CSI section 06 11 16 00-0183 for treated wood joist replacement, 06 51 13 00-0012 for plastic/composite lumber joist replacement.

06 15 13 00-0139 Deck Boards *(06 15 13 00-0137)*
See CSI section 06 51 13 00-0035 for plastic/composite lumber decking replacement.

06 15 13 00-0140	LF	5/4" x 4" Round Edge Pressure Treated Deck Boards	1.67	0.63
06 15 13 00-0141	LF	5/4" x 6" Round Edge Pressure Treated Deck Boards	1.84	0.75
06 15 13 00-0142	LF	5/4" x 6" Round Edge Pressure Treated Deck Boards	1.92	0.80
06 15 13 00-0143	LF	2" x 4" Round Edge Pressure Treated Deck Boards	1.80	0.75
06 15 13 00-0144	LF	2" x 6" Round Edge Pressure Treated Deck Boards	2.40	0.86
06 15 13 00-0145	LF	2" x 8" Round Edge Pressure Treated Deck Boards	3.09	1.04
06 15 13 00-0146	LF	2" x 10" Round Edge Pressure Treated Deck Boards	3.78	1.27
06 15 13 00-0147	LF	2" x 12" Round Edge Pressure Treated Deck Boards	4.68	1.49
06 15 13 00-0148	LF	2" x 4" Round Edge Cedar Deck Boards	1.96	0.75
06 15 13 00-0149	LF	2" x 6" Round Edge Cedar Deck Boards	2.52	0.86
06 15 13 00-0150	LF	2" x 4" Round Edge Redwood Deck Boards	2.15	0.75
06 15 13 00-0151	LF	2" x 6" Round Edge Redwood Deck Boards	2.81	0.86

06 15 13 00-0152 Deck Posts *(06 15 13 00-0137)*
See CSI section 06 11 16 00-0036 for treated wood post replacement, 06 51 13 00-0024 for plastic/composite lumber column replacement.

06 15 13 00-0153 Deck Railing And Pickets *(06 15 13 00-0137)*
See CSI section 06 51 13 00-0035 for plastic/composite lumber railing replacement.

06 15 13 00-0154	LF	2" x 4" Pressure Treated Deck Railing	1.80	0.75
06 15 13 00-0155	LF	2" x 2" Pressure Treated Deck Railing Picket	1.20	0.58
06 15 13 00-0156	LF	2" x 4" Cedar Deck Railing	1.96	0.75
06 15 13 00-0157	LF	2" x 2" Cedar Deck Railing Picket	1.47	0.58
06 15 13 00-0158	LF	2" x 4" Redwood Deck Railing	2.15	0.75
06 15 13 00-0159	LF	2" x 2" Redwood Deck Railing Picket	1.61	0.58

06 15 13 00-0160 Wood Ramp Systems *(06 15 13)*
Note: Includes the decking, joists, girders, posts at corners and along ramp, pickets and railing.

06 15 13 00-0161 Pressure Treated Wood Ramp System *(06 15 13 00-0160)*

06 15 13 00-0162 2" x 6" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0161)*

06 15 13 00-0163	SF	5/4" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	29.29	5.15
06 15 13 00-0164	SF	5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	28.11	4.89
06 15 13 00-0165	SF	2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	30.23	5.28
06 15 13 00-0166	SF	2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	29.02	5.02

06 15 13 00-0167 2" x 8" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0161)*

06 15 13 00-0168	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	30.16	5.28
06 15 13 00-0169	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	28.94	5.02
06 15 13 00-0170	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	31.12	5.41
06 15 13 00-0171	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	29.90	5.15

06 15 13 00-0172 2" x 10" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0161)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0173	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	31.04	5.41
06 15 13 00-0174	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	29.81	5.14
06 15 13 00-0175	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	32.03	5.55
06 15 13 00-0176	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	30.78	5.27
06 15 13 00-0177		Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0160)*		
06 15 13 00-0178		2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0177)*		
06 15 13 00-0179	SF	5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	30.32	5.15
06 15 13 00-0180	SF	5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	29.18	4.89
06 15 13 00-0181	SF	2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	31.51	5.28
06 15 13 00-0182	SF	2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	30.23	5.02
06 15 13 00-0183		2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0177)*		
06 15 13 00-0184	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	31.25	5.28
06 15 13 00-0185	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	30.08	5.02
06 15 13 00-0186	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	32.49	5.41
06 15 13 00-0187	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	31.18	5.15
06 15 13 00-0188		2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0177)*		
06 15 13 00-0189	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	32.76	5.41
06 15 13 00-0190	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	31.57	5.14
06 15 13 00-0191	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	34.07	5.55
06 15 13 00-0192	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	32.98	5.27
06 15 13 00-0193		Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0160)*		
06 15 13 00-0194		2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0193)*		
06 15 13 00-0195	SF	5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	29.66	5.15
06 15 13 00-0196	SF	5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	28.48	4.89
06 15 13 00-0197	SF	2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	30.62	5.28
06 15 13 00-0198	SF	2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	29.43	5.02
06 15 13 00-0199		2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0193)*		
06 15 13 00-0200	SF	5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	30.55	5.28
06 15 13 00-0201	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	29.34	5.02
06 15 13 00-0202	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	31.54	5.41
06 15 13 00-0203	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	30.33	5.15
06 15 13 00-0204		2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0193)*		
06 15 13 00-0205	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	31.46	5.41
06 15 13 00-0206	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	30.24	5.14
06 15 13 00-0207	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	32.48	5.55
06 15 13 00-0208	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	31.25	5.27

06 16 Sheathing *(06 10)*

06 16 23 Subflooring *(06 16)*

06 16 23 00-0001 Board Type Subflooring *(06 16 23)*

06 16 23 00-0002	SF	1" x 8" Regular Surface Board Type Subfloor Note: 4 Sides Laid In A Regular Pattern.	2.52	0.66
		For Water Resistant Coating Or Treatment, Add	*0.06*	
		For Foil Backing, Add	*0.10*	
		For Tongue And Groove, Add	*0.07*	
06 16 23 00-0003	SF	1" x 8" Diagonal Surface Board Type Subfloor Note: 4 Sides Laid In A Diagonal Pattern.	2.79	0.82
		For Water Resistant Coating Or Treatment, Add	*0.06*	
		For Foil Backing, Add	*0.11*	
		For Tongue And Groove, Add	*0.07*	
06 16 23 00-0004	SF	1" x 10" Regular Surface Board Type Subfloor Note: 4 sides laid in a regular pattern.	2.43	0.58
		For Water Resistant Coating Or Treatment, Add	*0.06*	
		For Foil Backing, Add	*0.11*	
		For Tongue And Groove, Add	*0.08*	
06 16 23 00-0005	SF	1" x 10" Diagonal Surface Board Type Subfloor Note: 4 sides laid in a diagonal pattern.	2.62	0.66
		For Water Resistant Coating Or Treatment, Add	*0.06*	
		For Foil Backing, Add	*0.11*	
		For Tongue And Groove, Add	*0.08*	

06 16 29 Acoustical Underlayment *(06 16)*

06 16 29 00-0001 Sound Deadening Fiberboard *(06 16 29)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 29 00-0002	SF	1/2" Sound Deadening Fiberboard Note: Excludes studs or wall structure.	1.25	0.40
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.37*	
		For Horizontal Installation Up To 10' High, Add	*0.25*	
		For Horizontal Installation >10' High, Add	*0.37*	
		For Walls >10' High, Add	*0.06*	
		For Up To 128, Add	*0.47*	
		For >128 To 320, Add	*0.24*	

06 16 33 Wood Board Sheathing *(06 16)*

06 16 33 00-0001 Plywood *(06 16 33)*

06 16 33 00-0002 Roof Decking *(06 16 33 00-0001)*

06 16 33 00-0003	SF	3/8" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	1.48	0.41
		For Shear Wall Construction, Add	*0.19*	
		For Exterior CC Grade Plywood, Add	*0.08*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.19*	
		For ACQ Preservative Treatment, Add	*0.25*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.44*	
		For Fire Retardant Treatment, Add	*0.41*	
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.02*	
		For >12800, Deduct	*-0.03*	
06 16 33 00-0004	SF	1/2" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	1.69	0.50
		For Shear Wall Construction, Add	*0.21*	
		For Exterior CC Grade Plywood, Add	*0.09*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.21*	
		For ACQ Preservative Treatment, Add	*0.30*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.59*	
		For Fire Retardant Treatment, Add	*0.50*	
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.03*	
		For >12800, Deduct	*-0.04*	
06 16 33 00-0005	SF	5/8" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	1.91	0.50
		For Shear Wall Construction, Add	*0.23*	
		For Exterior CC Grade Plywood, Add	*0.12*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.23*	
		For ACQ Preservative Treatment, Add	*0.37*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.71*	
		For Fire Retardant Treatment, Add	*0.61*	
		For >3200 To 6400, Deduct	*-0.02*	
		For >6400 To 12800, Deduct	*-0.03*	
		For >12800, Deduct	*-0.05*	
		For Tongue And Groove, Add	*0.05*	
06 16 33 00-0006	SF	3/4" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	2.12	0.58
		For Shear Wall Construction, Add	*0.25*	
		For Exterior CC Grade Plywood, Add	*0.13*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.25*	
		For ACQ Preservative Treatment, Add	*0.43*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.85*	
		For Fire Retardant Treatment, Add	*0.70*	
		For >3200 To 6400, Deduct	*-0.02*	
		For >6400 To 12800, Deduct	*-0.04*	
		For >12800, Deduct	*-0.05*	
		For Tongue And Groove, Add	*0.06*	

06 16 33 00-0007 Wall Sheathing *(06 16 33 00-0001)*

06 16 33 00-0008	SF	1/4" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	1.74	0.58
		For Shear Wall Construction, Add	*0.25*	
		For Exterior CC Grade Plywood, Add	*0.08*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.25*	
		For Ceiling Installation, Add	*0.12*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.85*	
		For Fire Retardant Treatment, Add	*0.40*	
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.02*	
		For >12800, Deduct	*-0.03*	
06 16 33 00-0009	SF	5/16" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	1.77	0.58
		For Shear Wall Construction, Add	*0.25*	
		For Exterior CC Grade Plywood, Add	*0.08*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.25*	
		For Ceiling Installation, Add	*0.12*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.85*	
		For Fire Retardant Treatment, Add	*0.43*	
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.02*	
		For >12800, Deduct	*-0.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0010	SF	3/8" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	1.82	0.66
		For Shear Wall Construction, Add	*0.25*	
		For Exterior CC Grade Plywood, Add	*0.09*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.25*	
		For Ceiling Installation, Add	*0.12*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.85*	
		For Fire Retardant Treatment, Add	*0.47*	
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.02*	
		For >12800, Deduct	*-0.04*	
06 16 33 00-0011	SF	1/2" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.05	0.66
		For Shear Wall Construction, Add	*0.26*	
		For Exterior CC Grade Plywood, Add	*0.11*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.26*	
		For Ceiling Installation, Add	*0.13*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.97*	
		For Fire Retardant Treatment, Add	*0.58*	
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.03*	
		For >12800, Deduct	*-0.04*	
06 16 33 00-0012	SF	5/8" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.29	0.74
		For Shear Wall Construction, Add	*0.28*	
		For Exterior CC Grade Plywood, Add	*0.13*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.28*	
		For Ceiling Installation, Add	*0.14*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.12*	
		For Fire Retardant Treatment, Add	*0.70*	
		For >3200 To 6400, Deduct	*-0.02*	
		For >6400 To 12800, Deduct	*-0.04*	
		For >12800, Deduct	*-0.05*	
06 16 33 00-0013	SF	3/4" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.51	0.82
		For Shear Wall Construction, Add	*0.30*	
		For Exterior CC Grade Plywood, Add	*0.15*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.30*	
		For Ceiling Installation, Add	*0.15*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.27*	
		For Fire Retardant Treatment, Add	*0.79*	
		For >3200 To 6400, Deduct	*-0.02*	
		For >6400 To 12800, Deduct	*-0.04*	
		For >12800, Deduct	*-0.06*	

06 16 33 00-0014 Floor Decking *(06 16 33 00-0001)*

Note: Includes patching of seams and all fastener holes where necessary.

06 16 33 00-0015	SF	5/16" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	1.30	0.50
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.38*	
		For Fire Retardant Treatment, Add	*0.30*	
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.02*	
		For >12800, Deduct	*-0.02*	
		For ACQ Preservative Treatment, Add	*0.18*	
		For Fir Plywood, Add	*0.07*	
		For BC Grade Plywood, Add	*0.06*	
		For Exterior Glue, Add	*0.04*	
		For Marine Grade, Add	*0.30*	
06 16 33 00-0016	SF	3/8" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	1.39	0.50
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.46*	
		For Fire Retardant Treatment, Add	*0.33*	
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.02*	
		For >12800, Deduct	*-0.03*	
		For ACQ Preservative Treatment, Add	*0.20*	
		For Fir Plywood, Add	*0.08*	
		For BC Grade Plywood, Add	*0.06*	
		For Exterior Glue, Add	*0.04*	
		For Marine Grade, Add	*0.33*	
06 16 33 00-0017	SF	1/2" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	1.59	0.50
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.55*	
		For Fire Retardant Treatment, Add	*0.44*	
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.02*	
		For >12800, Deduct	*-0.03*	
		For ACQ Preservative Treatment, Add	*0.27*	
		For Fir Plywood, Add	*0.10*	
		For BC Grade Plywood, Add	*0.08*	
		For Exterior Glue, Add	*0.05*	
		For Marine Grade, Add	*0.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0018	SF	5/8" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	1.79	0.50
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.68*	
		For Fire Retardant Treatment, Add	*0.53*	
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.03*	
		For >12800, Deduct	*-0.04*	
		For ACQ Preservative Treatment, Add	*0.32*	
		For Fir Plywood, Add	*0.12*	
		For BC Grade Plywood, Add	*0.10*	
		For Exterior Glue, Add	*0.06*	
		For Marine Grade, Add	*0.52*	
06 16 33 00-0019	SF	3/4" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	2.05	0.50
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.79*	
		For Fire Retardant Treatment, Add	*0.68*	
		For >3200 To 6400, Deduct	*-0.02*	
		For >6400 To 12800, Deduct	*-0.03*	
		For >12800, Deduct	*-0.05*	
		For ACQ Preservative Treatment, Add	*0.41*	
		For Fir Plywood, Add	*0.16*	
		For BC Grade Plywood, Add	*0.13*	
		For Exterior Glue, Add	*0.08*	
		For Marine Grade, Add	*0.67*	
06 16 33 00-0020	SF	1-1/8" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	3.03	0.74
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.12*	
		For Fire Retardant Treatment, Add	*1.28*	
		For >3200 To 6400, Deduct	*-0.03*	
		For >6400 To 12800, Deduct	*-0.06*	
		For >12800, Deduct	*-0.10*	
		For ACQ Preservative Treatment, Add	*0.78*	
		For Fir Plywood, Add	*0.30*	
		For BC Grade Plywood, Add	*0.24*	
		For Exterior Glue, Add	*0.15*	
		For Marine Grade, Add	*1.27*	
06 16 33 00-0021	SF	1/2" AC Fir Plywood Floor Decking Note: Applied to floor or joists.	1.92	0.50
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.55*	
		For Fire Retardant Treatment, Add	*0.70*	
		For >3200 To 6400, Deduct	*-0.02*	
		For >6400 To 12800, Deduct	*-0.04*	
		For >12800, Deduct	*-0.05*	
		For ACQ Preservative Treatment, Add	*0.43*	
		For Exterior Glue, Add	*0.08*	
		For Marine Grade, Add	*0.70*	
		For Tongue And Groove, Add	*0.06*	
06 16 33 00-0022	SF	5/8" AC Fir Plywood Floor Decking Note: Applied to floor or joists.	2.16	0.50
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.68*	
		For Fire Retardant Treatment, Add	*0.82*	
		For >3200 To 6400, Deduct	*-0.02*	
		For >6400 To 12800, Deduct	*-0.04*	
		For >12800, Deduct	*-0.06*	
		For ACQ Preservative Treatment, Add	*0.50*	
		For Exterior Glue, Add	*0.10*	
		For Marine Grade, Add	*0.81*	
		For Tongue And Groove, Add	*0.07*	
06 16 33 00-0023	SF	3/4" AC Fir Plywood Floor Decking Note: Applied to floor or joists.	2.32	0.50
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.79*	
		For Fire Retardant Treatment, Add	*0.89*	
		For >3200 To 6400, Deduct	*-0.02*	
		For >6400 To 12800, Deduct	*-0.05*	
		For >12800, Deduct	*-0.07*	
		For ACQ Preservative Treatment, Add	*0.54*	
		For Exterior Glue, Add	*0.11*	
		For Marine Grade, Add	*0.88*	
		For Tongue And Groove, Add	*0.08*	

06 16 33 00-0024 Underlayment Grade Subfloor *(06 16 33 00-0001)*

Note: Includes patching of seams and all fastener holes where necessary.

06 16 33 00-0025	SF	1/4" Thick Plywood Underlayment BC Grade Subfloor	1.39	0.50
		For Fire Retardant Treatment, Add	*0.36*	
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.02*	
		For >12800, Deduct	*-0.03*	
06 16 33 00-0026	SF	3/8" Thick Plywood Underlayment BC Grade Subfloor	1.50	0.50
		For Fire Retardant Treatment, Add	*0.40*	
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.02*	
		For >12800, Deduct	*-0.03*	
06 16 33 00-0027	SF	1/2" Thick Plywood Underlayment BC Grade Subfloor	1.56	0.58
		For Fire Retardant Treatment, Add	*0.43*	
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.02*	
		For >12800, Deduct	*-0.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0028	SF	5/8" Thick Plywood Underlayment BC Grade Subfloor	1.78	0.58
		For Fire Retardant Treatment, Add	*0.51*	
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.03*	
		For >12800, Deduct	*-0.04*	
		For Tongue And Groove, Add	*0.04*	
06 16 33 00-0029	SF	3/4" Thick Plywood Underlayment BC Grade Subfloor	1.91	0.58
		For Fire Retardant Treatment, Add	*0.61*	
		For >3200 To 6400, Deduct	*-0.02*	
		For >6400 To 12800, Deduct	*-0.03*	
		For >12800, Deduct	*-0.05*	
		For Tongue And Groove, Add	*0.05*	
06 16 33 00-0030	SF	1-1/8" Thick Plywood Underlayment BC Grade Subfloor	2.45	0.66
		For Fire Retardant Treatment, Add	*0.93*	
		For >3200 To 6400, Deduct	*-0.02*	
		For >6400 To 12800, Deduct	*-0.05*	
		For >12800, Deduct	*-0.07*	
		For Tongue And Groove, Add	*0.08*	
06 16 33 00-0031	SF	3/8" Thick Plywood CDX Grade Subfloor	1.60	0.50
		For Fire Retardant Treatment, Add	*0.47*	
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.02*	
		For >12800, Deduct	*-0.04*	
06 16 33 00-0032	SF	5/8" Thick Plywood CDX Grade Subfloor	2.04	0.58
		For Fire Retardant Treatment, Add	*0.73*	
		For >3200 To 6400, Deduct	*-0.02*	
		For >6400 To 12800, Deduct	*-0.04*	
		For >12800, Deduct	*-0.06*	

06 16 33 00-0033 Oriented Strand Board *(06 16 33)*

06 16 33 00-0034 On Roof *(06 16 33 00-0033)*

06 16 33 00-0035	SF	3/8" Thick Structural Oriented Strand Board On Roof	1.41	0.50
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.02*	
		For >12800, Deduct	*-0.03*	
		For Fire Retardant Treatment, Add	*0.36*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.44*	
06 16 33 00-0036	SF	1/2" Thick Structural Oriented Strand Board On Roof	1.59	0.50
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.02*	
		For >12800, Deduct	*-0.03*	
		For Fire Retardant Treatment, Add	*0.42*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.59*	
06 16 33 00-0037	SF	5/8" Thick Structural Oriented Strand Board On Roof	1.79	0.58
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.03*	
		For >12800, Deduct	*-0.04*	
		For Fire Retardant Treatment, Add	*0.51*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.71*	
06 16 33 00-0038	SF	3/4" Thick Structural Oriented Strand Board On Roof	2.02	0.58
		For >3200 To 6400, Deduct	*-0.02*	
		For >6400 To 12800, Deduct	*-0.03*	
		For >12800, Deduct	*-0.05*	
		For Fire Retardant Treatment, Add	*0.62*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.85*	

06 16 33 00-0039 On Walls *(06 16 33 00-0033)*

06 16 33 00-0040	SF	3/8" Thick Structural Oriented Strand Board On Walls	1.68	0.58
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.02*	
		For >12800, Deduct	*-0.03*	
		For Fire Retardant Treatment, Add	*0.36*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.85*	
06 16 33 00-0041	SF	1/2" Thick Structural Oriented Strand Board On Walls	1.84	0.66
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.02*	
		For >12800, Deduct	*-0.03*	
		For Fire Retardant Treatment, Add	*0.42*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.97*	
06 16 33 00-0042	SF	5/8" Thick Structural Oriented Strand Board On Walls	2.06	0.74
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.03*	
		For >12800, Deduct	*-0.04*	
		For Fire Retardant Treatment, Add	*0.51*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.12*	
06 16 33 00-0043	SF	3/4" Thick Structural Oriented Strand Board On Walls	2.30	0.74
		For >3200 To 6400, Deduct	*-0.02*	
		For >6400 To 12800, Deduct	*-0.03*	
		For >12800, Deduct	*-0.05*	
		For Fire Retardant Treatment, Add	*0.62*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.27*	

06 16 33 00-0044 On Floors *(06 16 33 00-0033)*

Note: Includes patching of seams and all fastener holes where necessary.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0045	SF	3/8" Thick Structural Oriented Strand Board On Floors	1.44	0.50
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.02*	
		For >12800, Deduct	*-0.03*	
		For Fire Retardant Treatment, Add	*0.36*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.49*	
06 16 33 00-0046	SF	1/2" Thick Structural Oriented Strand Board On Floors	1.72	0.58
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.02*	
		For >12800, Deduct	*-0.03*	
		For Fire Retardant Treatment, Add	*0.42*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.79*	
06 16 33 00-0047	SF	5/8" Thick Structural Oriented Strand Board On Floors	1.94	0.66
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.03*	
		For >12800, Deduct	*-0.04*	
		For Fire Retardant Treatment, Add	*0.51*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.94*	
06 16 33 00-0048	SF	3/4" Thick Structural Oriented Strand Board On Floors	2.20	0.74
		For >3200 To 6400, Deduct	*-0.02*	
		For >6400 To 12800, Deduct	*-0.03*	
		For >12800, Deduct	*-0.05*	
		For Fire Retardant Treatment, Add	*0.62*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.12*	

06 16 33 00-0049 Particle Board *(06 16 33)*

06 16 33 00-0050 Particle Board Floor Decking *(06 16 33 00-0049)*

Note: Includes patching of seams and all fastener holes where necessary.

06 16 33 00-0051	SF	3/8" Particle Board Floor Decking Note: Applied to plywood subfloor.	1.48	0.41
		For Fire Retardant Treatment Add	*0.40*	
		For >3200 To 6400, Deduct	*-0.02*	
		For >6400 To 12800, Deduct	*-0.03*	
		For >12800, Deduct	*-0.04*	
		For Tongue And Groove, Add	*0.04*	
06 16 33 00-0052	SF	5/8" Particle Board Floor Decking Note: Applied to plywood subfloor.	1.95	0.50
		For Fire Retardant Treatment Add	*0.69*	
		For >3200 To 6400, Deduct	*-0.03*	
		For >6400 To 12800, Deduct	*-0.04*	
		For >12800, Deduct	*-0.07*	
		For Tongue And Groove, Add	*0.06*	
06 16 33 00-0053	SF	3/4" Particle Board Floor Decking Note: Applied to plywood subfloor.	2.16	0.50
		For Fire Retardant Treatment Add	*0.80*	
		For >3200 To 6400, Deduct	*-0.03*	
		For >6400 To 12800, Deduct	*-0.05*	
		For >12800, Deduct	*-0.08*	
		For Tongue And Groove, Add	*0.07*	

06 16 43 Gypsum Sheathing *(06 16)*

06 16 43 00-0001 Exterior Gypsum Sheathing *(06 16 43)*

Note: Includes moisture resistant core and fiberglass mats on both sides and long edges.

06 16 43 00-0002	SF	1/2" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	2.05	0.66
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.26*	
		For Ceiling Installation, Add	*0.13*	
		For >3200 To 6400, Deduct	*-0.01*	
		For >6400 To 12800, Deduct	*-0.03*	
		For >12800, Deduct	*-0.04*	
		For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	*1.97*	
06 16 43 00-0003	SF	5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	2.22	0.82
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.28*	
		For Ceiling Installation, Add	*0.14*	
		For >3200 To 6400, Deduct	*-0.02*	
		For >6400 To 12800, Deduct	*-0.03*	
		For >12800, Deduct	*-0.05*	
		For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	*2.12*	

06 17 Shop-Fabricated Structural Wood *(06 10)*

06 17 13 Laminated Veneer Lumber *(06 17)*

06 17 13 00-0001 Composite Fabricated Structural Wood Joist *(06 17 13)*

06 17 13 00-0002	LF	1-3/4" Wide x 5-1/2" Deep Composite Wood Joist	9.38	1.42
06 17 13 00-0003	LF	1-3/4" Wide x 7-1/4" Deep Composite Wood Joist	9.59	1.44
06 17 13 00-0004	LF	1-3/4" Wide x 9-1/2" Deep Composite Wood Joist	9.79	1.46
06 17 13 00-0005	LF	1-3/4" Wide x 11-7/8" Deep Composite Wood Joist	11.32	1.49
06 17 13 00-0006	LF	1-3/4" Wide x 14" Deep Composite Wood Joist	12.82	1.51
06 17 13 00-0007	LF	1-3/4" Wide x 16" Deep Composite Wood Joist	15.17	1.56
06 17 13 00-0008	LF	1-3/4" Wide x 18" Deep Composite Wood Joist	16.71	1.59

06 17 33 Wood I-Joists *(06 17)*

06 17 33 00-0001 Prefabricated Wood I-Joists *(06 17 33)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 33 00-0002	LF	9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	4.00	0.95
		For I-Joists 30' To 40' In Length, Add	*0.42*	
		For I-Joists >40' In Length, Add	*1.03*	
06 17 33 00-0003	LF	11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	4.41	1.06
		For I-Joists 30' To 40' In Length, Add	*0.47*	
		For I-Joists >40' In Length, Add	*1.14*	
06 17 33 00-0004	LF	14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	5.62	1.19
		For I-Joists 30' To 40' In Length, Add	*0.53*	
		For I-Joists >40' In Length, Add	*1.29*	
06 17 33 00-0005	LF	16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	6.17	1.32
		For I-Joists 30' To 40' In Length, Add	*0.58*	
		For I-Joists >40' In Length, Add	*1.43*	

06 17 53 Shop-Fabricated Wood Trusses *(06 17)*

06 17 53 00-0001 Pre-Assembled Wood Roof Trusses *(06 17 53)*

Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0002	EA	10' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	141.45	55.72
		For Up To 15, Add	*2.25*	
		For >35, Deduct	*-1.50*	
		For 3 In 12 Slope, Add	*0.90*	
		For 5 In 12 Slope, Add	*2.40*	
		For 6 In 12 Slope, Add	*4.50*	
		For 7 In 12 Slope, Add	*6.00*	
		For 8 In 12 Slope, Add	*7.20*	
06 17 53 00-0003	EA	12' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	157.09	61.03
		For Up To 15, Add	*2.63*	
		For >35, Deduct	*-1.75*	
		For 3 In 12 Slope, Add	*1.05*	
		For 5 In 12 Slope, Add	*2.80*	
		For 6 In 12 Slope, Add	*5.26*	
		For 7 In 12 Slope, Add	*7.01*	
		For 8 In 12 Slope, Add	*8.41*	
06 17 53 00-0004	EA	14' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	174.84	66.33
		For Up To 15, Add	*3.16*	
		For >35, Deduct	*-2.11*	
		For 3 In 12 Slope, Add	*1.27*	
		For 5 In 12 Slope, Add	*3.37*	
		For 6 In 12 Slope, Add	*6.33*	
		For 7 In 12 Slope, Add	*8.43*	
		For 8 In 12 Slope, Add	*10.12*	
06 17 53 00-0005	EA	16' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	198.07	71.64
		For Up To 15, Add	*4.11*	
		For >35, Deduct	*-2.74*	
		For 3 In 12 Slope, Add	*1.64*	
		For 5 In 12 Slope, Add	*4.38*	
		For 6 In 12 Slope, Add	*8.22*	
		For 7 In 12 Slope, Add	*10.96*	
		For 8 In 12 Slope, Add	*13.15*	
06 17 53 00-0006	EA	18' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	218.14	76.95
		For Up To 15, Add	*4.82*	
		For >35, Deduct	*-3.21*	
		For 3 In 12 Slope, Add	*1.93*	
		For 5 In 12 Slope, Add	*5.14*	
		For 6 In 12 Slope, Add	*9.64*	
		For 7 In 12 Slope, Add	*12.85*	
		For 8 In 12 Slope, Add	*15.42*	
06 17 53 00-0007	EA	20' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	229.80	84.90
		For Up To 15, Add	*4.50*	
		For >35, Deduct	*-3.00*	
		For 3 In 12 Slope, Add	*1.80*	
		For 5 In 12 Slope, Add	*4.80*	
		For 6 In 12 Slope, Add	*9.00*	
		For 7 In 12 Slope, Add	*12.00*	
		For 8 In 12 Slope, Add	*14.40*	
06 17 53 00-0008	EA	22' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	242.17	135.31
		For Up To 15, Add	*4.63*	
		For >35, Deduct	*-3.09*	
		For 3 In 12 Slope, Add	*1.85*	
		For 5 In 12 Slope, Add	*4.94*	
		For 6 In 12 Slope, Add	*9.26*	
		For 7 In 12 Slope, Add	*12.35*	
		For 8 In 12 Slope, Add	*14.82*	
06 17 53 00-0009	EA	24' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	258.02	95.52
		For Up To 15, Add	*5.02*	
		For >35, Deduct	*-3.35*	
		For 3 In 12 Slope, Add	*2.01*	
		For 5 In 12 Slope, Add	*5.36*	
		For 6 In 12 Slope, Add	*10.05*	
		For 7 In 12 Slope, Add	*13.40*	
		For 8 In 12 Slope, Add	*16.08*	
06 17 53 00-0010	EA	26' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	274.44	151.24
		For Up To 15, Add	*5.46*	
		For >35, Deduct	*-3.64*	
		For 3 In 12 Slope, Add	*2.18*	
		For 5 In 12 Slope, Add	*5.82*	
		For 6 In 12 Slope, Add	*10.92*	
		For 7 In 12 Slope, Add	*14.56*	
		For 8 In 12 Slope, Add	*17.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0011	EA	28' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	291.61	106.13
		For Up To 15, Add	*5.95*	
		For >35, Deduct	*-3.97*	
		For 3 In 12 Slope, Add	*2.38*	
		For 5 In 12 Slope, Add	*6.35*	
		For 6 In 12 Slope, Add	*11.90*	
		For 7 In 12 Slope, Add	*15.87*	
		For 8 In 12 Slope, Add	*19.04*	
06 17 53 00-0012	EA	30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	304.75	167.16
		For Up To 15, Add	*6.14*	
		For >35, Deduct	*-4.09*	
		For 3 In 12 Slope, Add	*2.46*	
		For 5 In 12 Slope, Add	*6.55*	
		For 6 In 12 Slope, Add	*12.28*	
		For 7 In 12 Slope, Add	*16.37*	
		For 8 In 12 Slope, Add	*19.65*	
06 17 53 00-0013	EA	32' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	318.22	114.09
		For Up To 15, Add	*6.75*	
		For >35, Deduct	*-4.50*	
		For 3 In 12 Slope, Add	*2.70*	
		For 5 In 12 Slope, Add	*7.20*	
		For 6 In 12 Slope, Add	*13.51*	
		For 7 In 12 Slope, Add	*18.01*	
		For 8 In 12 Slope, Add	*21.61*	
06 17 53 00-0014	EA	34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	346.76	179.14
		For Up To 15, Add	*8.10*	
		For >35, Deduct	*-5.40*	
		For 3 In 12 Slope, Add	*3.24*	
		For 5 In 12 Slope, Add	*8.64*	
		For 6 In 12 Slope, Add	*16.20*	
		For 7 In 12 Slope, Add	*21.59*	
		For 8 In 12 Slope, Add	*25.91*	
06 17 53 00-0015	EA	36' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	360.56	122.05
		For Up To 15, Add	*8.74*	
		For >35, Deduct	*-5.82*	
		For 3 In 12 Slope, Add	*3.49*	
		For 5 In 12 Slope, Add	*9.32*	
		For 6 In 12 Slope, Add	*17.47*	
		For 7 In 12 Slope, Add	*23.29*	
		For 8 In 12 Slope, Add	*27.95*	
06 17 53 00-0016	EA	38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	379.13	191.03
		For Up To 15, Add	*9.33*	
		For >35, Deduct	*-6.22*	
		For 3 In 12 Slope, Add	*3.73*	
		For 5 In 12 Slope, Add	*9.95*	
		For 6 In 12 Slope, Add	*18.66*	
		For 7 In 12 Slope, Add	*24.88*	
		For 8 In 12 Slope, Add	*29.86*	
06 17 53 00-0017	EA	40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	392.41	132.67
		For Up To 15, Add	*9.53*	
		For >35, Deduct	*-6.35*	
		For 3 In 12 Slope, Add	*3.81*	
		For 5 In 12 Slope, Add	*10.17*	
		For 6 In 12 Slope, Add	*19.06*	
		For 7 In 12 Slope, Add	*25.42*	
		For 8 In 12 Slope, Add	*30.50*	
06 17 53 00-0018	EA	42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	429.90	206.95
		For Up To 15, Add	*11.55*	
		For >35, Deduct	*-7.70*	
		For 3 In 12 Slope, Add	*4.62*	
		For 5 In 12 Slope, Add	*12.32*	
		For 6 In 12 Slope, Add	*23.09*	
		For 7 In 12 Slope, Add	*30.79*	
		For 8 In 12 Slope, Add	*36.95*	
06 17 53 00-0019	EA	44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	466.65	143.27
		For Up To 15, Add	*13.51*	
		For >35, Deduct	*-9.01*	
		For 3 In 12 Slope, Add	*5.40*	
		For 5 In 12 Slope, Add	*14.41*	
		For 6 In 12 Slope, Add	*27.02*	
		For 7 In 12 Slope, Add	*36.02*	
		For 8 In 12 Slope, Add	*43.22*	
06 17 53 00-0020	EA	46' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	483.06	148.58
		For Up To 15, Add	*13.94*	
		For >35, Deduct	*-9.30*	
		For 3 In 12 Slope, Add	*5.58*	
		For 5 In 12 Slope, Add	*14.87*	
		For 6 In 12 Slope, Add	*27.89*	
		For 7 In 12 Slope, Add	*37.18*	
		For 8 In 12 Slope, Add	*44.62*	
06 17 53 00-0021	EA	48' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	506.50	153.88
		For Up To 15, Add	*14.90*	
		For >35, Deduct	*-9.94*	
		For 3 In 12 Slope, Add	*5.96*	
		For 5 In 12 Slope, Add	*15.90*	
		For 6 In 12 Slope, Add	*29.81*	
		For 7 In 12 Slope, Add	*39.74*	
		For 8 In 12 Slope, Add	*47.69*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0022	EA	50' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	572.75	159.19
		For Up To 15, Add	*19.08*	
		For >35, Deduct	*-12.72*	
		For 3 In 12 Slope, Add	*7.63*	
		For 5 In 12 Slope, Add	*20.35*	
		For 6 In 12 Slope, Add	*38.16*	
		For 7 In 12 Slope, Add	*50.87*	
		For 8 In 12 Slope, Add	*61.05*	
06 17 53 00-0023	EA	52' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	545.89	143.16
		For Up To 15, Add	*17.06*	
		For >35, Deduct	*-11.38*	
		For 3 In 12 Slope, Add	*6.83*	
		For 5 In 12 Slope, Add	*18.20*	
		For 6 In 12 Slope, Add	*34.13*	
		For 7 In 12 Slope, Add	*45.50*	
		For 8 In 12 Slope, Add	*54.60*	
06 17 53 00-0024	EA	54' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	572.80	167.16
		For Up To 15, Add	*17.89*	
		For >35, Deduct	*-11.93*	
		For 3 In 12 Slope, Add	*7.16*	
		For 5 In 12 Slope, Add	*19.08*	
		For 6 In 12 Slope, Add	*35.78*	
		For 7 In 12 Slope, Add	*47.70*	
		For 8 In 12 Slope, Add	*57.24*	
06 17 53 00-0025	EA	56' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	595.14	154.95
		For Up To 15, Add	*18.77*	
		For >35, Deduct	*-12.51*	
		For 3 In 12 Slope, Add	*7.51*	
		For 5 In 12 Slope, Add	*20.02*	
		For 6 In 12 Slope, Add	*37.53*	
		For 7 In 12 Slope, Add	*50.04*	
		For 8 In 12 Slope, Add	*60.05*	
06 17 53 00-0026	EA	58' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	614.34	175.11
		For Up To 15, Add	*19.81*	
		For >35, Deduct	*-13.21*	
		For 3 In 12 Slope, Add	*7.92*	
		For 5 In 12 Slope, Add	*21.13*	
		For 6 In 12 Slope, Add	*39.62*	
		For 7 In 12 Slope, Add	*52.82*	
		For 8 In 12 Slope, Add	*63.39*	
06 17 53 00-0027	EA	60' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	626.80	177.77
		For Up To 15, Add	*20.35*	
		For >35, Deduct	*-13.56*	
		For 3 In 12 Slope, Add	*8.14*	
		For 5 In 12 Slope, Add	*21.70*	
		For 6 In 12 Slope, Add	*40.69*	
		For 7 In 12 Slope, Add	*54.25*	
		For 8 In 12 Slope, Add	*65.10*	

06 17 53 00-0028 Pre-Assembled Wood Gable End Roof Trusses *(06 17 53)*

Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0029	EA	10' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	145.26	55.72
		For 3 In 12 Slope, Add	*1.01*	
		For 5 In 12 Slope, Add	*2.71*	
		For 6 In 12 Slope, Add	*5.07*	
		For 7 In 12 Slope, Add	*6.76*	
		For 8 In 12 Slope, Add	*8.12*	
		For 16" On Center Gable Studs, Add	*6.76*	
06 17 53 00-0030	EA	12' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	161.55	61.03
		For 3 In 12 Slope, Add	*1.19*	
		For 5 In 12 Slope, Add	*3.16*	
		For 6 In 12 Slope, Add	*5.93*	
		For 7 In 12 Slope, Add	*7.90*	
		For 8 In 12 Slope, Add	*9.48*	
		For 16" On Center Gable Studs, Add	*7.90*	
06 17 53 00-0031	EA	14' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	180.20	66.33
		For 3 In 12 Slope, Add	*1.43*	
		For 5 In 12 Slope, Add	*3.80*	
		For 6 In 12 Slope, Add	*7.13*	
		For 7 In 12 Slope, Add	*9.51*	
		For 8 In 12 Slope, Add	*11.41*	
		For 16" On Center Gable Studs, Add	*9.51*	
06 17 53 00-0032	EA	16' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	205.03	71.64
		For 3 In 12 Slope, Add	*1.85*	
		For 5 In 12 Slope, Add	*4.94*	
		For 6 In 12 Slope, Add	*9.26*	
		For 7 In 12 Slope, Add	*12.35*	
		For 8 In 12 Slope, Add	*14.82*	
		For 16" On Center Gable Studs, Add	*12.35*	
06 17 53 00-0033	EA	18' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	226.31	76.95
		For 3 In 12 Slope, Add	*2.17*	
		For 5 In 12 Slope, Add	*5.79*	
		For 6 In 12 Slope, Add	*10.86*	
		For 7 In 12 Slope, Add	*14.49*	
		For 8 In 12 Slope, Add	*17.38*	
		For 16" On Center Gable Studs, Add	*14.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0034	EA	20' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	246.01	84.90
		For 3 In 12 Slope, Add	*2.29*	
		For 5 In 12 Slope, Add	*6.10*	
		For 6 In 12 Slope, Add	*11.43*	
		For 7 In 12 Slope, Add	*15.24*	
		For 8 In 12 Slope, Add	*18.29*	
		For 16" On Center Gable Studs, Add	*15.24*	
06 17 53 00-0035	EA	22' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	258.85	90.21
		For 3 In 12 Slope, Add	*2.35*	
		For 5 In 12 Slope, Add	*6.27*	
		For 6 In 12 Slope, Add	*11.76*	
		For 7 In 12 Slope, Add	*15.69*	
		For 8 In 12 Slope, Add	*18.82*	
		For 16" On Center Gable Studs, Add	*15.69*	
06 17 53 00-0036	EA	24' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	276.11	95.52
		For 3 In 12 Slope, Add	*2.55*	
		For 5 In 12 Slope, Add	*6.81*	
		For 6 In 12 Slope, Add	*12.76*	
		For 7 In 12 Slope, Add	*17.02*	
		For 8 In 12 Slope, Add	*20.42*	
		For 16" On Center Gable Studs, Add	*17.02*	
06 17 53 00-0037	EA	26' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	294.09	100.82
		For 3 In 12 Slope, Add	*2.77*	
		For 5 In 12 Slope, Add	*7.40*	
		For 6 In 12 Slope, Add	*13.87*	
		For 7 In 12 Slope, Add	*18.49*	
		For 8 In 12 Slope, Add	*22.19*	
		For 16" On Center Gable Studs, Add	*18.49*	
06 17 53 00-0038	EA	28' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	313.04	106.13
		For 3 In 12 Slope, Add	*3.02*	
		For 5 In 12 Slope, Add	*8.06*	
		For 6 In 12 Slope, Add	*15.12*	
		For 7 In 12 Slope, Add	*20.16*	
		For 8 In 12 Slope, Add	*24.19*	
		For 16" On Center Gable Studs, Add	*20.16*	
06 17 53 00-0039	EA	30' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	327.74	111.44
		For 3 In 12 Slope, Add	*3.15*	
		For 5 In 12 Slope, Add	*8.39*	
		For 6 In 12 Slope, Add	*15.73*	
		For 7 In 12 Slope, Add	*20.97*	
		For 8 In 12 Slope, Add	*25.17*	
		For 16" On Center Gable Studs, Add	*20.97*	
06 17 53 00-0040	EA	32' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	343.52	114.09
		For 3 In 12 Slope, Add	*3.46*	
		For 5 In 12 Slope, Add	*9.23*	
		For 6 In 12 Slope, Add	*17.30*	
		For 7 In 12 Slope, Add	*23.07*	
		For 8 In 12 Slope, Add	*27.68*	
		For 16" On Center Gable Studs, Add	*23.07*	
06 17 53 00-0041	EA	34' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	377.09	119.39
		For 3 In 12 Slope, Add	*4.15*	
		For 5 In 12 Slope, Add	*11.06*	
		For 6 In 12 Slope, Add	*20.75*	
		For 7 In 12 Slope, Add	*27.66*	
		For 8 In 12 Slope, Add	*33.19*	
		For 16" On Center Gable Studs, Add	*27.66*	
06 17 53 00-0042	EA	36' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	393.29	122.05
		For 3 In 12 Slope, Add	*4.48*	
		For 5 In 12 Slope, Add	*11.94*	
		For 6 In 12 Slope, Add	*22.38*	
		For 7 In 12 Slope, Add	*29.84*	
		For 8 In 12 Slope, Add	*35.81*	
		For 16" On Center Gable Studs, Add	*29.84*	
06 17 53 00-0043	EA	38' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	414.09	127.36
		For 3 In 12 Slope, Add	*4.78*	
		For 5 In 12 Slope, Add	*12.75*	
		For 6 In 12 Slope, Add	*23.91*	
		For 7 In 12 Slope, Add	*31.88*	
		For 8 In 12 Slope, Add	*38.25*	
		For 16" On Center Gable Studs, Add	*31.88*	
06 17 53 00-0044	EA	40' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	438.38	132.67
		For 3 In 12 Slope, Add	*5.19*	
		For 5 In 12 Slope, Add	*13.84*	
		For 6 In 12 Slope, Add	*25.96*	
		For 7 In 12 Slope, Add	*34.61*	
		For 8 In 12 Slope, Add	*41.53*	
		For 16" On Center Gable Studs, Add	*34.61*	
06 17 53 00-0045	EA	42' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	485.59	137.96
		For 3 In 12 Slope, Add	*6.29*	
		For 5 In 12 Slope, Add	*16.77*	
		For 6 In 12 Slope, Add	*31.45*	
		For 7 In 12 Slope, Add	*41.93*	
		For 8 In 12 Slope, Add	*50.32*	
		For 16" On Center Gable Studs, Add	*41.93*	
06 17 53 00-0046	EA	44' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	531.80	143.27
		For 3 In 12 Slope, Add	*7.36*	
		For 5 In 12 Slope, Add	*19.62*	
		For 6 In 12 Slope, Add	*36.79*	
		For 7 In 12 Slope, Add	*49.05*	
		For 8 In 12 Slope, Add	*58.86*	
		For 16" On Center Gable Studs, Add	*49.05*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0047		EA	46' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	550.31	148.58
			For 3 In 12 Slope, Add	*7.59*	
			For 5 In 12 Slope, Add	*20.25*	
			For 6 In 12 Slope, Add	*37.97*	
			For 7 In 12 Slope, Add	*50.63*	
			For 8 In 12 Slope, Add	*60.76*	
			For 16" On Center Gable Studs, Add	*50.63*	
06 17 53 00-0048		EA	48' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	578.37	153.88
			For 3 In 12 Slope, Add	*8.12*	
			For 5 In 12 Slope, Add	*21.65*	
			For 6 In 12 Slope, Add	*40.59*	
			For 7 In 12 Slope, Add	*54.12*	
			For 8 In 12 Slope, Add	*64.94*	
			For 16" On Center Gable Studs, Add	*54.12*	
06 17 53 00-0049		EA	50' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	628.88	159.19
			For 3 In 12 Slope, Add	*9.32*	
			For 5 In 12 Slope, Add	*24.84*	
			For 6 In 12 Slope, Add	*46.58*	
			For 7 In 12 Slope, Add	*62.10*	
			For 8 In 12 Slope, Add	*74.52*	
			For 16" On Center Gable Studs, Add	*62.10*	
06 17 53 00-0050		EA	52' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	643.64	164.50
			For 3 In 12 Slope, Add	*9.44*	
			For 5 In 12 Slope, Add	*25.17*	
			For 6 In 12 Slope, Add	*47.20*	
			For 7 In 12 Slope, Add	*62.93*	
			For 8 In 12 Slope, Add	*75.51*	
			For 16" On Center Gable Studs, Add	*62.93*	
06 17 53 00-0051		EA	54' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	664.15	167.16
			For 3 In 12 Slope, Add	*9.90*	
			For 5 In 12 Slope, Add	*26.39*	
			For 6 In 12 Slope, Add	*49.48*	
			For 7 In 12 Slope, Add	*65.97*	
			For 8 In 12 Slope, Add	*79.16*	
			For 16" On Center Gable Studs, Add	*65.97*	
06 17 53 00-0052		EA	56' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	690.97	172.46
			For 3 In 12 Slope, Add	*10.38*	
			For 5 In 12 Slope, Add	*27.68*	
			For 6 In 12 Slope, Add	*51.91*	
			For 7 In 12 Slope, Add	*69.21*	
			For 8 In 12 Slope, Add	*83.05*	
			For 16" On Center Gable Studs, Add	*69.21*	
06 17 53 00-0053		EA	58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	715.48	175.11
			For 3 In 12 Slope, Add	*10.96*	
			For 5 In 12 Slope, Add	*29.22*	
			For 6 In 12 Slope, Add	*54.79*	
			For 7 In 12 Slope, Add	*73.05*	
			For 8 In 12 Slope, Add	*87.66*	
			For 16" On Center Gable Studs, Add	*73.05*	
06 17 53 00-0054		EA	60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	730.69	177.77
			For 3 In 12 Slope, Add	*11.25*	
			For 5 In 12 Slope, Add	*30.01*	
			For 6 In 12 Slope, Add	*56.27*	
			For 7 In 12 Slope, Add	*75.03*	
			For 8 In 12 Slope, Add	*90.04*	
			For 16" On Center Gable Studs, Add	*75.03*	

06 18 Glued-Laminated Construction *(06 10)*

06 18 13 Glued-Laminated Beams *(06 18)*

06 18 13 00-0001 Glue Laminated Structural Units *(06 18 13)*

Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.

06 18 13 00-0002	LF		20' - 60' Span Glue Laminated Straight Beam	9.90	2.87
06 18 13 00-0003	LF		30' - 60' Span Glue Laminated Tudor Arch	20.64	3.21
06 18 13 00-0004	LF		60' - 120' Span Glue Laminated Radial Arch	16.36	3.00
06 18 13 00-0005	LF		40' - 120' Span Glue Laminated Bow String Truss	12.12	3.00

06 18 13 00-0006 Glue Laminated Decking *(06 18 13)*

06 18 13 00-0007	LF		2" - 4" Thick x 4" Wide Glue Laminated Decking	3.66	1.41
06 18 13 00-0008	LF		2" - 4" Thick x 6" Wide Glue Laminated Decking	3.77	1.41
06 18 13 00-0009	LF		2" - 4" Thick x 8" Wide Glue Laminated Decking	3.87	1.33

06 18 16 Glued-Laminated Columns *(06 18)*

06 18 16 00-0001 Glue Laminated Structural Units *(06 18 16)*

Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.

06 18 16 00-0002	LF		3-1/4" x 7-1/2" Glue Laminated Purlin Or Column	10.79	2.87
06 18 16 00-0003	LF		3-1/4" x 9-1/4" Glue Laminated Purlin Or Column	12.16	3.19
06 18 16 00-0004	LF		5-1/4" x 9-1/4" Glue Laminated Purlin Or Column	22.85	6.82
06 18 16 00-0005	LF		5-1/4" x 13" Glue Laminated Purlin Or Column	25.10	7.15

06 20 Finish Carpentry *(06)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22		**Millwork** *(06 20)*		
06 22 13		**Standard Pattern Wood Trim** *(06 22)*		
06 22 13 00-0001		Pine Moldings (All Dimensions Are Nominal) *(06 22 13)*		
06 22 13 00-0002	LF	1/4" x 1-1/4" Wood Lattice Strip	1.97	0.81
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.30*	
06 22 13 00-0003	LF	1/4" x 1-5/8" Wood Lattice Strip	2.04	0.65
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.30*	
06 22 13 00-0004	LF	1/4" x 2-1/2" Wood Lattice Strip	2.46	0.65
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.30*	
06 22 13 00-0005	LF	1/4" x 3-1/2" Wood Lattice Strip	2.71	0.65
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.30*	
06 22 13 00-0006		Ceilings (All Dimensions Are Nominal) *(06 22 13)*		
06 22 13 00-0007		White Pine *(06 22 13 00-0006)*		
06 22 13 00-0008	LF	9/16" x 3-5/8" White Pine Crown Or Bed Molding	8.50	2.85
		For Birch, Add	*1.59*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.40*	
		For Poplar, Add	*0.89*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
		For Stain Grade Material (No Finger Joints), Add	*0.58*	
06 22 13 00-0009	LF	11/16" x 4-5/8" White Pine Crown Or Bed Molding	11.21	3.42
		For Birch, Add	*2.28*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.33*	
		For Poplar, Add	*1.26*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
		For Stain Grade Material (No Finger Joints), Add	*0.82*	
06 22 13 00-0010	LF	3/4" x 3/4" White Pine Crown Or Bed Molding	4.58	1.95
		For Birch, Add	*0.48*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.92*	
		For Poplar, Add	*0.26*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.75*	
		For Stain Grade Material (No Finger Joints), Add	*0.17*	
06 22 13 00-0011	LF	9/16" x 1-5/8" White Pine Crown Or Bed Molding	5.06	1.95
		For Birch, Add	*0.65*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.14*	
		For Poplar, Add	*0.36*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.75*	
		For Stain Grade Material (No Finger Joints), Add	*0.23*	
06 22 13 00-0012	LF	9/16" x 2-1/4" White Pine Crown Or Bed Molding	6.56	2.45
		For Birch, Add	*0.90*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.53*	
		For Poplar, Add	*0.50*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
		For Stain Grade Material (No Finger Joints), Add	*0.32*	
06 22 13 00-0013	LF	3/4" x 3-1/2" White Pine Crown Or Bed Molding	7.35	2.45
		For Birch, Add	*1.18*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.88*	
		For Poplar, Add	*0.66*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
		For Stain Grade Material (No Finger Joints), Add	*0.43*	
06 22 13 00-0014	LF	5/8" x 4-1/4" White Pine Crown Or Bed Molding	9.08	2.93
		For Birch, Add	*1.51*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.37*	
		For Poplar, Add	*0.84*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
		For Stain Grade Material (No Finger Joints), Add	*0.54*	
06 22 13 00-0015	LF	1" x 2" White Pine Dentil Molding	4.70	2.28
		For Birch, Add	*0.52*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.97*	
		For Poplar, Add	*0.29*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.75*	
		For Stain Grade Material (No Finger Joints), Add	*0.19*	
06 22 13 00-0016	LF	9/16" x 1-3/4" White Pine Cove Molding	3.87	1.71
		For Birch, Add	*0.51*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.88*	
		For Poplar, Add	*0.28*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.56*	
		For Stain Grade Material (No Finger Joints), Add	*0.18*	
06 22 13 00-0017	LF	11/16" x 2-3/4" White Pine Cove Molding	5.38	1.71
		For Birch, Add	*1.05*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.56*	
		For Poplar, Add	*0.59*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.56*	
		For Stain Grade Material (No Finger Joints), Add	*0.38*	
06 22 13 00-0018	LF	3/8" x 3/8" White Pine Cove Molding	2.37	0.98
		For Birch, Add	*0.24*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.47*	
		For Poplar, Add	*0.13*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.39*	
		For Stain Grade Material (No Finger Joints), Add	*0.09*	
06 22 13 00-0019	LF	1/2" x 1/2" White Pine Cove Molding	2.54	0.98
		For Birch, Add	*0.30*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.55*	
		For Poplar, Add	*0.17*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.39*	
		For Stain Grade Material (No Finger Joints), Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22 13 00-0020	LF	5/8" x 5/8" White Pine Cove Molding	3.30	1.22
		For Birch, Add	*0.46*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.77*	
		For Poplar, Add	*0.25*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.47*	
		For Stain Grade Material (No Finger Joints), Add	*0.17*	
06 22 13 00-0021	LF	3/4" x 3/4" White Pine Cove Molding	3.30	1.22
		For Birch, Add	*0.46*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.77*	
		For Poplar, Add	*0.25*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.47*	
		For Stain Grade Material (No Finger Joints), Add	*0.17*	
06 22 13 00-0022	LF	15/16" x 15/16" White Pine Cove Molding	4.07	1.22
		For Birch, Add	*0.73*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.12*	
		For Poplar, Add	*0.41*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.47*	
		For Stain Grade Material (No Finger Joints), Add	*0.27*	
06 22 13 00-0023	LF	7-1/2" Wide Mullion Covers	22.90	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.67*	
06 22 13 00-0024	LF	Three Piece Mullion Trim, 2 Cove Moldings	28.72	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.67*	

06 22 13 00-0025 Cedar Trim *(06 22 13 00-0006)*

06 22 13 00-0026	LF	2" x 4" Cedar Ceiling Trim	8.08	4.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.36*	

06 22 13 00-0027 Oak Trim *(06 22 13 00-0006)*

06 22 13 00-0028	LF	1" x 8" Clear Oak Ceiling Trim	8.17	3.77
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	

06 22 13 00-0029 Closet Poles *(06 22 13)*

06 22 13 00-0030	LF	1-1/8" Diameter Pine Closet Poles	5.95	2.12
06 22 13 00-0031	LF	1-5/8" Diameter Pine Closet Poles	8.02	2.12
06 22 13 00-0032	LF	2" Diameter Pine Closet Poles	10.35	2.36

06 25 Prefinished Paneling *(06 20)*

06 25 16 Prefinished Plywood Paneling *(06 25)*

06 25 16 00-0001 Hardboard Panels *(06 25 16)*

Note: Excludes furring and trim.

06 25 16 00-0002 Tempered Hardboard Panels *(06 25 16 00-0001)*

06 25 16 00-0003	SF	1/4" Tempered Hardboard Panels	4.13	1.48
		For Waterproof Glue, Add	*0.05*	
		For Ceiling Installation, Add	*1.01*	
		For Glue Laminated Installation, Add	*0.21*	
		For 1/8" Thick Paneling, Deduct	*-0.36*	
		For 1/2" Thick Paneling, Add	*0.82*	
		For 5/8" Thick Paneling, Add	*0.98*	
		For 3/4" Thick Paneling, Add	*1.19*	
		For Fire Retardant Treatment (Class I), Add	*0.61*	
06 25 16 00-0004	SF	1/4" Plastic Faced Tempered Hardboard Panels	4.64	1.81
		For Waterproof Glue, Add	*0.05*	
		For Ceiling Installation, Add	*1.18*	
		For Glue Laminated Installation, Add	*0.23*	
		For 1/8" Thick Paneling, Deduct	*-0.39*	
		For 1/2" Thick Paneling, Add	*0.85*	
		For 5/8" Thick Paneling, Add	*1.00*	
		For 3/4" Thick Paneling, Add	*1.19*	
		For Fire Retardant Treatment (Class I), Add	*0.55*	
06 25 16 00-0005	SF	1/4" Pegboard Tempered Hardboard Panels	4.66	1.48
		For Waterproof Glue, Add	*0.09*	
		For Ceiling Installation, Add	*1.01*	
		For Glue Laminated Installation, Add	*0.23*	
		For 1/8" Thick Paneling, Deduct	*-0.45*	
		For 1/2" Thick Paneling, Add	*1.11*	
		For 5/8" Thick Paneling, Add	*1.38*	
		For 3/4" Thick Paneling, Add	*1.73*	
		For Fire Retardant Treatment (Class I), Add	*1.03*	
06 25 16 00-0006	SF	1/4" Plastic Faced Pegboard Tempered Hardboard	4.80	1.81
		For Waterproof Glue, Add	*0.06*	
		For Ceiling Installation, Add	*1.18*	
		For Glue Laminated Installation, Add	*0.24*	
		For 1/8" Thick Paneling, Deduct	*-0.42*	
		For 1/2" Thick Paneling, Add	*0.94*	
		For 5/8" Thick Paneling, Add	*1.12*	
		For 3/4" Thick Paneling, Add	*1.35*	
		For Fire Retardant Treatment (Class I), Add	*0.68*	

06 25 16 00-0007 Untempered Hardboard Panels *(06 25 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 25 16 00-0008	SF	1/4" Untempered Hardboard Panels	3.96	1.48
		For Waterproof Glue, Add	*0.04*	
		For Glue Laminated Installation, Add	*0.20*	
		For Lumber Core, Add	*0.07*	
		For Fire Retardant Treatment (Class I), Add	*0.47*	

06 40 Architectural Woodwork *(06)*

06 41 Architectural Wood Casework *(06 40)*

06 41 13 Wood-Veneer-Faced Architectural Cabinets *(06 41)*

Note: NNote: Cabinets Include Hinges, Mounting Hardware And Door Pulls. Refer To WIC For Grade Listing. Basic Is Custom.

06 41 13 00-0001 Residential Housing Cabinetwork *(06 41 13)*

Note: Include hinges, mounting hardware and door pulls. Economy grade: Stock-grade cabinets with flush-face doors. Doors made from veneered particleboard. Standard grade: Stock-grade cabinets with raised panel or cathedral doors. Interior panel may be plywood. Lower grade plastic-laminate face cabinets. High grade: Semi-custom cabinets with raised panel or cathedral doors. Higher grade: Same as High Grade but with plastic-laminate face and foil-face face cabinets. Deluxe grade: Semi-custom cabinets with raised panel or cathedral doors. May include special slide-out drawers, pull-out baskets, glass doors, or foil-face. Materials include cherry, pecan, and Shaker-style maple or pine. Custom grade: Custom cabinets with raised panel or cathedral doors. May include special slide-out drawers, pull-out baskets, mullion or leaded glass doors. Materials include cherry, pecan, and Shaker-style maple or pine. Custom deluxe grade: Same as Custom Grade, may have some curved wood cabinets and more custom features.

06 41 13 00-0002	EA	9" x 30" Wall Cabinet	113.87	22.41
		For Plastic Laminate On Particle Board, Deduct	*-24.17*	
		For Economy Grade, Deduct	*-13.81*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-6.91*	
		For High Grade, Add	*6.91*	
		For Higher Grade, Add	*13.81*	
		For Deluxe Grade, Add	*27.62*	
		For Custom Deluxe Grade, Add	*32.11*	
		For Custom Built In Place, Add	*21.75*	
06 41 13 00-0003	EA	12" x 30" Wall Cabinet	118.80	22.41
		For Plastic Laminate On Particle Board, Deduct	*-25.90*	
		For Economy Grade, Deduct	*-14.80*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-7.40*	
		For High Grade, Add	*7.40*	
		For Higher Grade, Add	*14.80*	
		For Deluxe Grade, Add	*29.60*	
		For Custom Deluxe Grade, Add	*34.08*	
		For Custom Built In Place, Add	*22.98*	
06 41 13 00-0004	EA	15" x 30" Wall Cabinet	124.96	22.41
		For Plastic Laminate On Particle Board, Deduct	*-28.05*	
		For Economy Grade, Deduct	*-16.03*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.02*	
		For High Grade, Add	*8.02*	
		For Higher Grade, Add	*16.03*	
		For Deluxe Grade, Add	*32.06*	
		For Custom Deluxe Grade, Add	*36.54*	
		For Custom Built In Place, Add	*24.52*	
06 41 13 00-0005	EA	18" x 30" Wall Cabinet	131.13	22.41
		For Plastic Laminate On Particle Board, Deduct	*-30.21*	
		For Economy Grade, Deduct	*-17.26*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.63*	
		For High Grade, Add	*8.63*	
		For Higher Grade, Add	*17.26*	
		For Deluxe Grade, Add	*34.53*	
		For Custom Deluxe Grade, Add	*39.01*	
		For Custom Built In Place, Add	*26.06*	
06 41 13 00-0006	EA	21" x 30" Wall Cabinet	141.76	25.26
		For Plastic Laminate On Particle Board, Deduct	*-31.94*	
		For Economy Grade, Deduct	*-18.25*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.13*	
		For High Grade, Add	*9.13*	
		For Higher Grade, Add	*18.25*	
		For Deluxe Grade, Add	*36.50*	
		For Custom Deluxe Grade, Add	*41.55*	
		For Custom Built In Place, Add	*27.86*	
06 41 13 00-0007	EA	24" x 30" Wall Cabinet	149.16	25.26
		For Plastic Laminate On Particle Board, Deduct	*-34.53*	
		For Economy Grade, Deduct	*-19.73*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.87*	
		For High Grade, Add	*9.87*	
		For Higher Grade, Add	*19.73*	
		For Deluxe Grade, Add	*39.46*	
		For Custom Deluxe Grade, Add	*44.51*	
		For Custom Built In Place, Add	*29.71*	
06 41 13 00-0008	EA	24" x 30" Wall Cabinet, 2 Doors	155.33	25.26
		For Plastic Laminate On Particle Board, Deduct	*-36.69*	
		For Economy Grade, Deduct	*-20.96*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.48*	
		For High Grade, Add	*10.48*	
		For Higher Grade, Add	*20.96*	
		For Deluxe Grade, Add	*41.93*	
		For Custom Deluxe Grade, Add	*46.98*	
		For Custom Built In Place, Add	*31.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0009	EA	27" x 30" Wall Cabinet	161.49	25.26
		For Plastic Laminate On Particle Board, Deduct	*-38.84*	
		For Economy Grade, Deduct	*-22.20*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.10*	
		For High Grade, Add	*11.10*	
		For Higher Grade, Add	*22.20*	
		For Deluxe Grade, Add	*44.39*	
		For Custom Deluxe Grade, Add	*49.44*	
		For Custom Built In Place, Add	*32.80*	
06 41 13 00-0010	EA	30" x 30" Wall Cabinet	178.68	28.92
		For Plastic Laminate On Particle Board, Deduct	*-42.30*	
		For Economy Grade, Deduct	*-24.17*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.09*	
		For High Grade, Add	*12.09*	
		For Higher Grade, Add	*24.17*	
		For Deluxe Grade, Add	*48.34*	
		For Custom Deluxe Grade, Add	*54.12*	
		For Custom Built In Place, Add	*36.00*	
06 41 13 00-0011	EA	33" x 30" Wall Cabinet	191.00	31.36
		For Plastic Laminate On Particle Board, Deduct	*-44.89*	
		For Economy Grade, Deduct	*-25.65*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.83*	
		For High Grade, Add	*12.83*	
		For Higher Grade, Add	*25.65*	
		For Deluxe Grade, Add	*51.30*	
		For Custom Deluxe Grade, Add	*57.58*	
		For Custom Built In Place, Add	*38.34*	
06 41 13 00-0012	EA	36" x 30" Wall Cabinet	197.95	32.99
		For Plastic Laminate On Particle Board, Deduct	*-46.18*	
		For Economy Grade, Deduct	*-26.39*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.20*	
		For High Grade, Add	*13.20*	
		For Higher Grade, Add	*26.39*	
		For Deluxe Grade, Add	*52.78*	
		For Custom Deluxe Grade, Add	*59.38*	
		For Custom Built In Place, Add	*39.59*	
06 41 13 00-0013	EA	39" x 30" Wall Cabinet	209.80	34.62
		For Plastic Laminate On Particle Board, Deduct	*-49.20*	
		For Economy Grade, Deduct	*-28.12*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.06*	
		For High Grade, Add	*14.06*	
		For Higher Grade, Add	*28.12*	
		For Deluxe Grade, Add	*56.23*	
		For Custom Deluxe Grade, Add	*63.15*	
		For Custom Built In Place, Add	*42.07*	
06 41 13 00-0014	EA	42" x 30" Wall Cabinet	217.20	34.62
		For Plastic Laminate On Particle Board, Deduct	*-51.79*	
		For Economy Grade, Deduct	*-29.60*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.80*	
		For High Grade, Add	*14.80*	
		For Higher Grade, Add	*29.60*	
		For Deluxe Grade, Add	*59.19*	
		For Custom Deluxe Grade, Add	*66.11*	
		For Custom Built In Place, Add	*43.92*	
06 41 13 00-0015	EA	45" x 30" Wall Cabinet	229.49	37.07
		For Plastic Laminate On Particle Board, Deduct	*-54.38*	
		For Economy Grade, Deduct	*-31.08*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.54*	
		For High Grade, Add	*15.54*	
		For Higher Grade, Add	*31.08*	
		For Deluxe Grade, Add	*62.15*	
		For Custom Deluxe Grade, Add	*69.56*	
		For Custom Built In Place, Add	*46.26*	
06 41 13 00-0016	EA	48" x 30" Wall Cabinet	236.89	37.07
		For Plastic Laminate On Particle Board, Deduct	*-56.97*	
		For Economy Grade, Deduct	*-32.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.28*	
		For High Grade, Add	*16.28*	
		For Higher Grade, Add	*32.56*	
		For Deluxe Grade, Add	*65.11*	
		For Custom Deluxe Grade, Add	*72.52*	
		For Custom Built In Place, Add	*48.11*	
06 41 13 00-0017	EA	24" x 30" Blind Corner Wall Cabinet	149.14	25.26
		For Plastic Laminate On Particle Board, Deduct	*-34.53*	
		For Economy Grade, Deduct	*-19.73*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.87*	
		For High Grade, Add	*9.87*	
		For Higher Grade, Add	*19.73*	
		For Deluxe Grade, Add	*39.46*	
		For Custom Deluxe Grade, Add	*44.51*	
		For Custom Built In Place, Add	*29.71*	
06 41 13 00-0018	EA	24" x 30" Blind Corner Wall Cabinet	161.47	25.26
		For Plastic Laminate On Particle Board, Deduct	*-38.84*	
		For Economy Grade, Deduct	*-22.20*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.10*	
		For High Grade, Add	*11.10*	
		For Higher Grade, Add	*22.20*	
		For Deluxe Grade, Add	*44.39*	
		For Custom Deluxe Grade, Add	*49.44*	
		For Custom Built In Place, Add	*32.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0019	EA	30" x 30" Blind Corner Wall Cabinet	178.68	28.92
		For Plastic Laminate On Particle Board, Deduct	*-42.30*	
		For Economy Grade, Deduct	*-24.17*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.09*	
		For High Grade, Add	*12.09*	
		For Higher Grade, Add	*24.17*	
		For Deluxe Grade, Add	*48.34*	
		For Custom Deluxe Grade, Add	*54.12*	
		For Custom Built In Place, Add	*36.00*	
06 41 13 00-0020	EA	33" x 30" Blind Corner Wall Cabinet	190.95	31.36
		For Plastic Laminate On Particle Board, Deduct	*-44.89*	
		For Economy Grade, Deduct	*-25.65*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.83*	
		For High Grade, Add	*12.83*	
		For Higher Grade, Add	*25.65*	
		For Deluxe Grade, Add	*51.30*	
		For Custom Deluxe Grade, Add	*57.57*	
		For Custom Built In Place, Add	*38.33*	
06 41 13 00-0021	EA	36" x 30" Blind Corner Wall Cabinet	197.90	32.99
		For Plastic Laminate On Particle Board, Deduct	*-46.18*	
		For Economy Grade, Deduct	*-26.39*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.20*	
		For High Grade, Add	*13.20*	
		For Higher Grade, Add	*26.39*	
		For Deluxe Grade, Add	*52.78*	
		For Custom Deluxe Grade, Add	*59.38*	
		For Custom Built In Place, Add	*39.58*	
06 41 13 00-0022	EA	42" x 30" Blind Corner Wall Cabinet	217.20	34.62
		For Plastic Laminate On Particle Board, Deduct	*-51.79*	
		For Economy Grade, Deduct	*-29.60*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.80*	
		For High Grade, Add	*14.80*	
		For Higher Grade, Add	*29.60*	
		For Deluxe Grade, Add	*59.19*	
		For Custom Deluxe Grade, Add	*66.11*	
		For Custom Built In Place, Add	*43.92*	
06 41 13 00-0023	EA	48" x 30" Blind Corner Wall Cabinet	236.89	37.07
		For Plastic Laminate On Particle Board, Deduct	*-56.97*	
		For Economy Grade, Deduct	*-32.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.28*	
		For High Grade, Add	*16.28*	
		For Higher Grade, Add	*32.56*	
		For Deluxe Grade, Add	*65.11*	
		For Custom Deluxe Grade, Add	*72.52*	
		For Custom Built In Place, Add	*48.11*	
06 41 13 00-0024	EA	30" x 34-1/2" Microwave Cabinet	243.97	31.36
		For Plastic Laminate On Particle Board, Deduct	*-63.44*	
		For Economy Grade, Deduct	*-36.25*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.13*	
		For High Grade, Add	*18.13*	
		For Higher Grade, Add	*36.25*	
		For Deluxe Grade, Add	*72.51*	
		For Custom Deluxe Grade, Add	*78.78*	
		For Custom Built In Place, Add	*51.59*	
06 41 13 00-0025	EA	30" x 46-1/2" Microwave Cabinet	318.27	37.07
		For Plastic Laminate On Particle Board, Deduct	*-85.46*	
		For Economy Grade, Deduct	*-48.83*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.42*	
		For High Grade, Add	*24.42*	
		For Higher Grade, Add	*48.83*	
		For Deluxe Grade, Add	*97.66*	
		For Custom Deluxe Grade, Add	*105.08*	
		For Custom Built In Place, Add	*68.45*	
06 41 13 00-0026	EA	30" x 12" x 34-1/2" Microwave Cabinet	239.10	28.92
		For Plastic Laminate On Particle Board, Deduct	*-63.44*	
		For Economy Grade, Deduct	*-36.25*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.13*	
		For High Grade, Add	*18.13*	
		For Higher Grade, Add	*36.25*	
		For Deluxe Grade, Add	*72.51*	
		For Custom Deluxe Grade, Add	*78.29*	
		For Custom Built In Place, Add	*51.10*	
06 41 13 00-0027	EA	30" x 12" x 46-1/2" Microwave Cabinet	318.27	37.07
		For Plastic Laminate On Particle Board, Deduct	*-85.46*	
		For Economy Grade, Deduct	*-48.83*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.42*	
		For High Grade, Add	*24.42*	
		For Higher Grade, Add	*48.83*	
		For Deluxe Grade, Add	*97.66*	
		For Custom Deluxe Grade, Add	*105.08*	
		For Custom Built In Place, Add	*68.45*	
06 41 13 00-0028	EA	30" x 21" Microwave Cabinet	173.80	25.26
		For Plastic Laminate On Particle Board, Deduct	*-43.16*	
		For Economy Grade, Deduct	*-24.66*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.33*	
		For High Grade, Add	*12.33*	
		For Higher Grade, Add	*24.66*	
		For Deluxe Grade, Add	*49.32*	
		For Custom Deluxe Grade, Add	*54.37*	
		For Custom Built In Place, Add	*35.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0029	EA	30" x 30" Washer / Dryer Cabinet	178.68	28.92
		For Plastic Laminate On Particle Board, Deduct	*-42.30*	
		For Economy Grade, Deduct	*-24.17*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.09*	
		For High Grade, Add	*12.09*	
		For Higher Grade, Add	*24.17*	
		For Deluxe Grade, Add	*48.34*	
		For Custom Deluxe Grade, Add	*54.12*	
		For Custom Built In Place, Add	*36.00*	
06 41 13 00-0030	EA	24" x 24" x 48" Diagonal Corner Cabinet	340.54	34.62
		For Plastic Laminate On Particle Board, Deduct	*-94.95*	
		For Economy Grade, Deduct	*-54.26*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.13*	
		For High Grade, Add	*27.13*	
		For Higher Grade, Add	*54.26*	
		For Deluxe Grade, Add	*108.52*	
		For Custom Deluxe Grade, Add	*115.44*	
		For Custom Built In Place, Add	*74.75*	
06 41 13 00-0031	EA	24" x 24" x 48" Diagonal Corner Cabinet (RS)	388.33	34.62
		For Plastic Laminate On Particle Board, Deduct	*-111.68*	
		For Economy Grade, Deduct	*-63.82*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-31.91*	
		For High Grade, Add	*31.91*	
		For Higher Grade, Add	*63.82*	
		For Deluxe Grade, Add	*127.63*	
		For Custom Deluxe Grade, Add	*134.56*	
		For Custom Built In Place, Add	*86.70*	
06 41 13 00-0032	EA	24" x 24" x 60" Diagonal Corner Cabinet	399.69	37.07
		For Plastic Laminate On Particle Board, Deduct	*-113.94*	
		For Economy Grade, Deduct	*-65.11*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.56*	
		For High Grade, Add	*32.56*	
		For Higher Grade, Add	*65.11*	
		For Deluxe Grade, Add	*130.22*	
		For Custom Deluxe Grade, Add	*137.63*	
		For Custom Built In Place, Add	*88.80*	
06 41 13 00-0033	EA	24" x 24" x 60" Diagonal Corner Cabinet (RS)	449.02	37.07
		For Plastic Laminate On Particle Board, Deduct	*-131.21*	
		For Economy Grade, Deduct	*-74.98*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-37.49*	
		For High Grade, Add	*37.49*	
		For Higher Grade, Add	*74.98*	
		For Deluxe Grade, Add	*149.95*	
		For Custom Deluxe Grade, Add	*157.37*	
		For Custom Built In Place, Add	*101.13*	
06 41 13 00-0034	EA	24" x 24" x 30" Diagonal Corner Wall Cabinet	205.80	28.92
		For Plastic Laminate On Particle Board, Deduct	*-51.79*	
		For Economy Grade, Deduct	*-29.60*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.80*	
		For High Grade, Add	*14.80*	
		For Higher Grade, Add	*29.60*	
		For Deluxe Grade, Add	*59.19*	
		For Custom Deluxe Grade, Add	*64.97*	
		For Custom Built In Place, Add	*42.78*	
06 41 13 00-0035	EA	24" x 24" x 30" Diagonal Corner Wall Cabinet (RS)	255.12	28.92
		For Plastic Laminate On Particle Board, Deduct	*-69.06*	
		For Economy Grade, Deduct	*-39.46*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.73*	
		For High Grade, Add	*19.73*	
		For Higher Grade, Add	*39.46*	
		For Deluxe Grade, Add	*78.92*	
		For Custom Deluxe Grade, Add	*84.70*	
		For Custom Built In Place, Add	*55.11*	
06 41 13 00-0036	EA	24" x 24" x 42" Diagonal Corner Wall Cabinet	235.39	28.92
		For Plastic Laminate On Particle Board, Deduct	*-62.15*	
		For Economy Grade, Deduct	*-35.51*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.76*	
		For High Grade, Add	*17.76*	
		For Higher Grade, Add	*35.51*	
		For Deluxe Grade, Add	*71.03*	
		For Custom Deluxe Grade, Add	*76.81*	
		For Custom Built In Place, Add	*50.17*	
06 41 13 00-0037	EA	24" x 24" x 42" Diagonal Corner Wall Cabinet (RS)	294.58	28.92
		For Plastic Laminate On Particle Board, Deduct	*-82.87*	
		For Economy Grade, Deduct	*-47.35*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.68*	
		For High Grade, Add	*23.68*	
		For Higher Grade, Add	*47.35*	
		For Deluxe Grade, Add	*94.70*	
		For Custom Deluxe Grade, Add	*100.49*	
		For Custom Built In Place, Add	*64.97*	
06 41 13 00-0038	EA	18" x 12" Wall Cabinet	91.66	22.41
		For Plastic Laminate On Particle Board, Deduct	*-16.40*	
		For Economy Grade, Deduct	*-9.37*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-4.69*	
		For High Grade, Add	*4.69*	
		For Higher Grade, Add	*9.37*	
		For Deluxe Grade, Add	*18.74*	
		For Custom Deluxe Grade, Add	*23.22*	
		For Custom Built In Place, Add	*16.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0039	EA	24" x 12" Wall Cabinet	119.55	25.26
		For Plastic Laminate On Particle Board, Deduct	*-24.17*	
		For Economy Grade, Deduct	*-13.81*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-6.91*	
		For High Grade, Add	*6.91*	
		For Higher Grade, Add	*13.81*	
		For Deluxe Grade, Add	*27.62*	
		For Custom Deluxe Grade, Add	*32.67*	
		For Custom Built In Place, Add	*22.31*	
06 41 13 00-0040	EA	30" x 12" Wall Cabinet	136.74	28.92
		For Plastic Laminate On Particle Board, Deduct	*-27.62*	
		For Economy Grade, Deduct	*-15.78*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-7.89*	
		For High Grade, Add	*7.89*	
		For Higher Grade, Add	*15.78*	
		For Deluxe Grade, Add	*31.57*	
		For Custom Deluxe Grade, Add	*37.35*	
		For Custom Built In Place, Add	*25.51*	
06 41 13 00-0041	EA	33" x 12" Wall Cabinet	146.55	31.36
		For Plastic Laminate On Particle Board, Deduct	*-29.35*	
		For Economy Grade, Deduct	*-16.77*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.39*	
		For High Grade, Add	*8.39*	
		For Higher Grade, Add	*16.77*	
		For Deluxe Grade, Add	*33.54*	
		For Custom Deluxe Grade, Add	*39.81*	
		For Custom Built In Place, Add	*27.23*	
06 41 13 00-0042	EA	36" x 12" Wall Cabinet	152.28	32.99
		For Plastic Laminate On Particle Board, Deduct	*-30.21*	
		For Economy Grade, Deduct	*-17.26*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.63*	
		For High Grade, Add	*8.63*	
		For Higher Grade, Add	*17.26*	
		For Deluxe Grade, Add	*34.53*	
		For Custom Deluxe Grade, Add	*41.12*	
		For Custom Built In Place, Add	*28.18*	
06 41 13 00-0043	EA	39" x 12" Wall Cabinet	158.01	34.62
		For Plastic Laminate On Particle Board, Deduct	*-31.08*	
		For Economy Grade, Deduct	*-17.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.88*	
		For High Grade, Add	*8.88*	
		For Higher Grade, Add	*17.76*	
		For Deluxe Grade, Add	*35.52*	
		For Custom Deluxe Grade, Add	*42.44*	
		For Custom Built In Place, Add	*29.12*	
06 41 13 00-0044	EA	42" x 12" Wall Cabinet	160.47	34.62
		For Plastic Laminate On Particle Board, Deduct	*-31.94*	
		For Economy Grade, Deduct	*-18.25*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.13*	
		For High Grade, Add	*9.13*	
		For Higher Grade, Add	*18.25*	
		For Deluxe Grade, Add	*36.50*	
		For Custom Deluxe Grade, Add	*43.42*	
		For Custom Built In Place, Add	*29.73*	
06 41 13 00-0045	EA	18" x 15" Wall Cabinet	91.66	22.41
		For Plastic Laminate On Particle Board, Deduct	*-16.40*	
		For Economy Grade, Deduct	*-9.37*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-4.69*	
		For High Grade, Add	*4.69*	
		For Higher Grade, Add	*9.37*	
		For Deluxe Grade, Add	*18.74*	
		For Custom Deluxe Grade, Add	*23.22*	
		For Custom Built In Place, Add	*16.20*	
06 41 13 00-0046	EA	24" x 15" Wall Cabinet	119.55	25.26
		For Plastic Laminate On Particle Board, Deduct	*-24.17*	
		For Economy Grade, Deduct	*-13.81*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-6.91*	
		For High Grade, Add	*6.91*	
		For Higher Grade, Add	*13.81*	
		For Deluxe Grade, Add	*27.62*	
		For Custom Deluxe Grade, Add	*32.67*	
		For Custom Built In Place, Add	*22.31*	
06 41 13 00-0047	EA	30" x 15" Wall Cabinet	136.74	28.92
		For Plastic Laminate On Particle Board, Deduct	*-27.62*	
		For Economy Grade, Deduct	*-15.78*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-7.89*	
		For High Grade, Add	*7.89*	
		For Higher Grade, Add	*15.78*	
		For Deluxe Grade, Add	*31.57*	
		For Custom Deluxe Grade, Add	*37.35*	
		For Custom Built In Place, Add	*25.51*	
06 41 13 00-0048	EA	33" x 15" Wall Cabinet	146.55	31.36
		For Plastic Laminate On Particle Board, Deduct	*-29.35*	
		For Economy Grade, Deduct	*-16.77*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.39*	
		For High Grade, Add	*8.39*	
		For Higher Grade, Add	*16.77*	
		For Deluxe Grade, Add	*33.54*	
		For Custom Deluxe Grade, Add	*39.81*	
		For Custom Built In Place, Add	*27.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0049	EA	36" x 15" Wall Cabinet	154.75	32.99
		For Plastic Laminate On Particle Board, Deduct	*-31.08*	
		For Economy Grade, Deduct	*-17.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.88*	
		For High Grade, Add	*8.88*	
		For Higher Grade, Add	*17.76*	
		For Deluxe Grade, Add	*35.52*	
		For Custom Deluxe Grade, Add	*42.11*	
		For Custom Built In Place, Add	*28.79*	
06 41 13 00-0050	EA	39" x 15" Wall Cabinet	165.41	34.62
		For Plastic Laminate On Particle Board, Deduct	*-33.67*	
		For Economy Grade, Deduct	*-19.24*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.62*	
		For High Grade, Add	*9.62*	
		For Higher Grade, Add	*19.24*	
		For Deluxe Grade, Add	*38.48*	
		For Custom Deluxe Grade, Add	*45.40*	
		For Custom Built In Place, Add	*30.97*	
06 41 13 00-0051	EA	42" x 15" Wall Cabinet	172.80	34.62
		For Plastic Laminate On Particle Board, Deduct	*-36.25*	
		For Economy Grade, Deduct	*-20.72*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.36*	
		For High Grade, Add	*10.36*	
		For Higher Grade, Add	*20.72*	
		For Deluxe Grade, Add	*41.43*	
		For Custom Deluxe Grade, Add	*48.35*	
		For Custom Built In Place, Add	*32.82*	
06 41 13 00-0052	EA	48" x 15" Wall Cabinet	185.09	37.07
		For Plastic Laminate On Particle Board, Deduct	*-38.84*	
		For Economy Grade, Deduct	*-22.20*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.10*	
		For High Grade, Add	*11.10*	
		For Higher Grade, Add	*22.20*	
		For Deluxe Grade, Add	*44.39*	
		For Custom Deluxe Grade, Add	*51.80*	
		For Custom Built In Place, Add	*35.16*	
06 41 13 00-0053	EA	18" x 18" Wall Cabinet	106.47	22.41
		For Plastic Laminate On Particle Board, Deduct	*-21.58*	
		For Economy Grade, Deduct	*-12.33*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-6.17*	
		For High Grade, Add	*6.17*	
		For Higher Grade, Add	*12.33*	
		For Deluxe Grade, Add	*24.66*	
		For Custom Deluxe Grade, Add	*29.15*	
		For Custom Built In Place, Add	*19.90*	
06 41 13 00-0054	EA	24" x 18" Wall Cabinet	119.55	25.26
		For Plastic Laminate On Particle Board, Deduct	*-24.17*	
		For Economy Grade, Deduct	*-13.81*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-6.91*	
		For High Grade, Add	*6.91*	
		For Higher Grade, Add	*13.81*	
		For Deluxe Grade, Add	*27.62*	
		For Custom Deluxe Grade, Add	*32.67*	
		For Custom Built In Place, Add	*22.31*	
06 41 13 00-0055	EA	30" x 18" Wall Cabinet	141.68	28.92
		For Plastic Laminate On Particle Board, Deduct	*-29.35*	
		For Economy Grade, Deduct	*-16.77*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.39*	
		For High Grade, Add	*8.39*	
		For Higher Grade, Add	*16.77*	
		For Deluxe Grade, Add	*33.54*	
		For Custom Deluxe Grade, Add	*39.32*	
		For Custom Built In Place, Add	*26.75*	
06 41 13 00-0056	EA	33" x 18" Wall Cabinet	151.49	31.36
		For Plastic Laminate On Particle Board, Deduct	*-31.08*	
		For Economy Grade, Deduct	*-17.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.88*	
		For High Grade, Add	*8.88*	
		For Higher Grade, Add	*17.76*	
		For Deluxe Grade, Add	*35.52*	
		For Custom Deluxe Grade, Add	*41.79*	
		For Custom Built In Place, Add	*28.47*	
06 41 13 00-0057	EA	36" x 18" Wall Cabinet	159.67	32.99
		For Plastic Laminate On Particle Board, Deduct	*-32.80*	
		For Economy Grade, Deduct	*-18.74*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.37*	
		For High Grade, Add	*9.37*	
		For Higher Grade, Add	*18.74*	
		For Deluxe Grade, Add	*37.49*	
		For Custom Deluxe Grade, Add	*44.08*	
		For Custom Built In Place, Add	*30.03*	
06 41 13 00-0058	EA	39" x 18" Wall Cabinet	169.10	34.62
		For Plastic Laminate On Particle Board, Deduct	*-34.96*	
		For Economy Grade, Deduct	*-19.98*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.99*	
		For High Grade, Add	*9.99*	
		For Higher Grade, Add	*19.98*	
		For Deluxe Grade, Add	*39.95*	
		For Custom Deluxe Grade, Add	*46.87*	
		For Custom Built In Place, Add	*31.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0059	EA	42" x 18" Wall Cabinet	175.27	34.62
		For Plastic Laminate On Particle Board, Deduct	*-37.12*	
		For Economy Grade, Deduct	*-21.21*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.61*	
		For High Grade, Add	*10.61*	
		For Higher Grade, Add	*21.21*	
		For Deluxe Grade, Add	*42.42*	
		For Custom Deluxe Grade, Add	*49.34*	
		For Custom Built In Place, Add	*33.43*	
06 41 13 00-0060	EA	48" x 18" Wall Cabinet	190.03	37.07
		For Plastic Laminate On Particle Board, Deduct	*-40.57*	
		For Economy Grade, Deduct	*-23.18*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.59*	
		For High Grade, Add	*11.59*	
		For Higher Grade, Add	*23.18*	
		For Deluxe Grade, Add	*46.37*	
		For Custom Deluxe Grade, Add	*53.78*	
		For Custom Built In Place, Add	*36.39*	
06 41 13 00-0061	EA	12" x 24" Wall Cabinet	107.70	22.41
		For Plastic Laminate On Particle Board, Deduct	*-22.01*	
		For Economy Grade, Deduct	*-12.58*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-6.29*	
		For High Grade, Add	*6.29*	
		For Higher Grade, Add	*12.58*	
		For Deluxe Grade, Add	*25.16*	
		For Custom Deluxe Grade, Add	*29.64*	
		For Custom Built In Place, Add	*20.20*	
06 41 13 00-0062	EA	15" x 24" Wall Cabinet	112.63	22.41
		For Plastic Laminate On Particle Board, Deduct	*-23.74*	
		For Economy Grade, Deduct	*-13.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-6.78*	
		For High Grade, Add	*6.78*	
		For Higher Grade, Add	*13.56*	
		For Deluxe Grade, Add	*27.13*	
		For Custom Deluxe Grade, Add	*31.61*	
		For Custom Built In Place, Add	*21.44*	
06 41 13 00-0063	EA	18" x 24" Wall Cabinet	117.57	22.41
		For Plastic Laminate On Particle Board, Deduct	*-25.47*	
		For Economy Grade, Deduct	*-14.55*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-7.28*	
		For High Grade, Add	*7.28*	
		For Higher Grade, Add	*14.55*	
		For Deluxe Grade, Add	*29.10*	
		For Custom Deluxe Grade, Add	*33.59*	
		For Custom Built In Place, Add	*22.67*	
06 41 13 00-0064	EA	24" x 24" Wall Cabinet	133.13	25.26
		For Plastic Laminate On Particle Board, Deduct	*-28.92*	
		For Economy Grade, Deduct	*-16.52*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.26*	
		For High Grade, Add	*8.26*	
		For Higher Grade, Add	*16.52*	
		For Deluxe Grade, Add	*33.05*	
		For Custom Deluxe Grade, Add	*38.10*	
		For Custom Built In Place, Add	*25.71*	
06 41 13 00-0065	EA	24" x 24" Wall Cabinet, 2 Doors	136.83	25.26
		For Plastic Laminate On Particle Board, Deduct	*-30.21*	
		For Economy Grade, Deduct	*-17.26*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.63*	
		For High Grade, Add	*8.63*	
		For Higher Grade, Add	*17.26*	
		For Deluxe Grade, Add	*34.53*	
		For Custom Deluxe Grade, Add	*39.58*	
		For Custom Built In Place, Add	*26.63*	
06 41 13 00-0066	EA	27" x 24" Wall Cabinet	140.53	25.26
		For Plastic Laminate On Particle Board, Deduct	*-31.51*	
		For Economy Grade, Deduct	*-18.00*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.00*	
		For High Grade, Add	*9.00*	
		For Higher Grade, Add	*18.00*	
		For Deluxe Grade, Add	*36.01*	
		For Custom Deluxe Grade, Add	*41.06*	
		For Custom Built In Place, Add	*27.56*	
06 41 13 00-0067	EA	30" x 24" Wall Cabinet	150.32	28.92
		For Plastic Laminate On Particle Board, Deduct	*-32.37*	
		For Economy Grade, Deduct	*-18.50*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.25*	
		For High Grade, Add	*9.25*	
		For Higher Grade, Add	*18.50*	
		For Deluxe Grade, Add	*37.00*	
		For Custom Deluxe Grade, Add	*42.78*	
		For Custom Built In Place, Add	*28.91*	
06 41 13 00-0068	EA	33" x 24" Wall Cabinet	160.17	31.36
		For Plastic Laminate On Particle Board, Deduct	*-34.10*	
		For Economy Grade, Deduct	*-19.48*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.74*	
		For High Grade, Add	*9.74*	
		For Higher Grade, Add	*19.48*	
		For Deluxe Grade, Add	*38.97*	
		For Custom Deluxe Grade, Add	*45.24*	
		For Custom Built In Place, Add	*30.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0069	EA	36" x 24" Wall Cabinet	165.88	32.99
		For Plastic Laminate On Particle Board, Deduct	*-34.96*	
		For Economy Grade, Deduct	*-19.98*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.99*	
		For High Grade, Add	*9.99*	
		For Higher Grade, Add	*19.98*	
		For Deluxe Grade, Add	*39.95*	
		For Custom Deluxe Grade, Add	*46.55*	
		For Custom Built In Place, Add	*31.57*	
06 41 13 00-0070	EA	39" x 24" Wall Cabinet	174.04	34.62
		For Plastic Laminate On Particle Board, Deduct	*-36.69*	
		For Economy Grade, Deduct	*-20.96*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.48*	
		For High Grade, Add	*10.48*	
		For Higher Grade, Add	*20.96*	
		For Deluxe Grade, Add	*41.93*	
		For Custom Deluxe Grade, Add	*48.85*	
		For Custom Built In Place, Add	*33.13*	
06 41 13 00-0071	EA	42" x 24" Wall Cabinet	181.44	34.62
		For Plastic Laminate On Particle Board, Deduct	*-39.28*	
		For Economy Grade, Deduct	*-22.44*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.22*	
		For High Grade, Add	*11.22*	
		For Higher Grade, Add	*22.44*	
		For Deluxe Grade, Add	*44.89*	
		For Custom Deluxe Grade, Add	*51.81*	
		For Custom Built In Place, Add	*34.98*	
06 41 13 00-0072	EA	45" x 24" Wall Cabinet	196.19	37.07
		For Plastic Laminate On Particle Board, Deduct	*-42.73*	
		For Economy Grade, Deduct	*-24.42*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.21*	
		For High Grade, Add	*12.21*	
		For Higher Grade, Add	*24.42*	
		For Deluxe Grade, Add	*48.83*	
		For Custom Deluxe Grade, Add	*56.24*	
		For Custom Built In Place, Add	*37.93*	
06 41 13 00-0073	EA	48" x 24" Wall Cabinet	203.59	37.07
		For Plastic Laminate On Particle Board, Deduct	*-45.32*	
		For Economy Grade, Deduct	*-25.90*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.95*	
		For High Grade, Add	*12.95*	
		For Higher Grade, Add	*25.90*	
		For Deluxe Grade, Add	*51.79*	
		For Custom Deluxe Grade, Add	*59.20*	
		For Custom Built In Place, Add	*39.78*	
06 41 13 00-0074	EA	24" x 24" Blind Corner Wall Cabinet	133.11	25.26
		For Plastic Laminate On Particle Board, Deduct	*-28.92*	
		For Economy Grade, Deduct	*-16.52*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.26*	
		For High Grade, Add	*8.26*	
		For Higher Grade, Add	*16.52*	
		For Deluxe Grade, Add	*33.05*	
		For Custom Deluxe Grade, Add	*38.10*	
		For Custom Built In Place, Add	*25.70*	
06 41 13 00-0075	EA	30" x 24" Blind Corner Wall Cabinet	150.32	28.92
		For Plastic Laminate On Particle Board, Deduct	*-32.37*	
		For Economy Grade, Deduct	*-18.50*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.25*	
		For High Grade, Add	*9.25*	
		For Higher Grade, Add	*18.50*	
		For Deluxe Grade, Add	*37.00*	
		For Custom Deluxe Grade, Add	*42.78*	
		For Custom Built In Place, Add	*28.91*	
06 41 13 00-0076	EA	36" x 24" Blind Corner Wall Cabinet	165.83	32.99
		For Plastic Laminate On Particle Board, Deduct	*-34.96*	
		For Economy Grade, Deduct	*-19.98*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.99*	
		For High Grade, Add	*9.99*	
		For Higher Grade, Add	*19.98*	
		For Deluxe Grade, Add	*39.95*	
		For Custom Deluxe Grade, Add	*46.55*	
		For Custom Built In Place, Add	*31.57*	
06 41 13 00-0077	EA	42" x 24" Blind Corner Wall Cabinet	181.44	34.62
		For Plastic Laminate On Particle Board, Deduct	*-39.28*	
		For Economy Grade, Deduct	*-22.44*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.22*	
		For High Grade, Add	*11.22*	
		For Higher Grade, Add	*22.44*	
		For Deluxe Grade, Add	*44.89*	
		For Custom Deluxe Grade, Add	*51.81*	
		For Custom Built In Place, Add	*34.98*	
06 41 13 00-0078	EA	48" x 24" Blind Corner Wall Cabinet	203.59	37.07
		For Plastic Laminate On Particle Board, Deduct	*-45.32*	
		For Economy Grade, Deduct	*-25.90*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.95*	
		For High Grade, Add	*12.95*	
		For Higher Grade, Add	*25.90*	
		For Deluxe Grade, Add	*51.79*	
		For Custom Deluxe Grade, Add	*59.20*	
		For Custom Built In Place, Add	*39.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0079	EA	9" x 42" Wall Cabinet	133.13	25.26
		For Plastic Laminate On Particle Board, Deduct	*-28.92*	
		For Economy Grade, Deduct	*-16.52*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.26*	
		For High Grade, Add	*8.26*	
		For Higher Grade, Add	*16.52*	
		For Deluxe Grade, Add	*33.05*	
		For Custom Deluxe Grade, Add	*38.10*	
		For Custom Built In Place, Add	*25.71*	
06 41 13 00-0080	EA	12" x 42" Wall Cabinet	139.30	25.26
		For Plastic Laminate On Particle Board, Deduct	*-31.08*	
		For Economy Grade, Deduct	*-17.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.88*	
		For High Grade, Add	*8.88*	
		For Higher Grade, Add	*17.76*	
		For Deluxe Grade, Add	*35.52*	
		For Custom Deluxe Grade, Add	*40.57*	
		For Custom Built In Place, Add	*27.25*	
06 41 13 00-0081	EA	15" x 42" Wall Cabinet	146.70	25.26
		For Plastic Laminate On Particle Board, Deduct	*-33.67*	
		For Economy Grade, Deduct	*-19.24*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.62*	
		For High Grade, Add	*9.62*	
		For Higher Grade, Add	*19.24*	
		For Deluxe Grade, Add	*38.48*	
		For Custom Deluxe Grade, Add	*43.53*	
		For Custom Built In Place, Add	*29.10*	
06 41 13 00-0082	EA	18" x 42" Wall Cabinet	154.09	25.26
		For Plastic Laminate On Particle Board, Deduct	*-36.25*	
		For Economy Grade, Deduct	*-20.72*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.36*	
		For High Grade, Add	*10.36*	
		For Higher Grade, Add	*20.72*	
		For Deluxe Grade, Add	*41.43*	
		For Custom Deluxe Grade, Add	*46.48*	
		For Custom Built In Place, Add	*30.95*	
06 41 13 00-0083	EA	21" x 42" Wall Cabinet	167.58	28.92
		For Plastic Laminate On Particle Board, Deduct	*-38.41*	
		For Economy Grade, Deduct	*-21.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.98*	
		For High Grade, Add	*10.98*	
		For Higher Grade, Add	*21.95*	
		For Deluxe Grade, Add	*43.90*	
		For Custom Deluxe Grade, Add	*49.68*	
		For Custom Built In Place, Add	*33.22*	
06 41 13 00-0084	EA	24" x 42" Wall Cabinet	176.21	28.92
		For Plastic Laminate On Particle Board, Deduct	*-41.43*	
		For Economy Grade, Deduct	*-23.68*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.84*	
		For High Grade, Add	*11.84*	
		For Higher Grade, Add	*23.68*	
		For Deluxe Grade, Add	*47.35*	
		For Custom Deluxe Grade, Add	*53.14*	
		For Custom Built In Place, Add	*35.38*	
06 41 13 00-0085	EA	24" x 42" Wall Cabinet, 2 Doors	189.78	28.92
		For Plastic Laminate On Particle Board, Deduct	*-46.18*	
		For Economy Grade, Deduct	*-26.39*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.20*	
		For High Grade, Add	*13.20*	
		For Higher Grade, Add	*26.39*	
		For Deluxe Grade, Add	*52.78*	
		For Custom Deluxe Grade, Add	*58.56*	
		For Custom Built In Place, Add	*38.77*	
06 41 13 00-0086	EA	30" x 42" Wall Cabinet	208.21	31.36
		For Plastic Laminate On Particle Board, Deduct	*-50.93*	
		For Economy Grade, Deduct	*-29.10*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.55*	
		For High Grade, Add	*14.55*	
		For Higher Grade, Add	*29.10*	
		For Deluxe Grade, Add	*58.20*	
		For Custom Deluxe Grade, Add	*64.47*	
		For Custom Built In Place, Add	*42.65*	
06 41 13 00-0087	EA	33" x 42" Wall Cabinet	220.14	32.99
		For Plastic Laminate On Particle Board, Deduct	*-53.95*	
		For Economy Grade, Deduct	*-30.83*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.41*	
		For High Grade, Add	*15.41*	
		For Higher Grade, Add	*30.83*	
		For Deluxe Grade, Add	*61.66*	
		For Custom Deluxe Grade, Add	*68.26*	
		For Custom Built In Place, Add	*45.14*	
06 41 13 00-0088	EA	36" x 42" Wall Cabinet	227.12	34.62
		For Plastic Laminate On Particle Board, Deduct	*-55.24*	
		For Economy Grade, Deduct	*-31.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.78*	
		For High Grade, Add	*15.78*	
		For Higher Grade, Add	*31.57*	
		For Deluxe Grade, Add	*63.14*	
		For Custom Deluxe Grade, Add	*70.06*	
		For Custom Built In Place, Add	*46.39*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0089	EA	24" x 42" Blind Corner Wall Cabinet	176.21	28.92
		For Plastic Laminate On Particle Board, Deduct	*-41.43*	
		For Economy Grade, Deduct	*-23.68*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.84*	
		For High Grade, Add	*11.84*	
		For Higher Grade, Add	*23.68*	
		For Deluxe Grade, Add	*47.35*	
		For Custom Deluxe Grade, Add	*53.14*	
		For Custom Built In Place, Add	*35.38*	
06 41 13 00-0090	EA	30" x 42" Blind Corner Wall Cabinet	208.21	31.36
		For Plastic Laminate On Particle Board, Deduct	*-50.93*	
		For Economy Grade, Deduct	*-29.10*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.55*	
		For High Grade, Add	*14.55*	
		For Higher Grade, Add	*29.10*	
		For Deluxe Grade, Add	*58.20*	
		For Custom Deluxe Grade, Add	*64.47*	
		For Custom Built In Place, Add	*42.65*	
06 41 13 00-0091	EA	36" x 42" Blind Corner Wall Cabinet	227.06	34.62
		For Plastic Laminate On Particle Board, Deduct	*-55.24*	
		For Economy Grade, Deduct	*-31.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.78*	
		For High Grade, Add	*15.78*	
		For Higher Grade, Add	*31.57*	
		For Deluxe Grade, Add	*63.14*	
		For Custom Deluxe Grade, Add	*70.06*	
		For Custom Built In Place, Add	*46.38*	
06 41 13 00-0092	EA	24" Angle End Wall Cabinet	171.33	25.26
		For Plastic Laminate On Particle Board, Deduct	*-42.30*	
		For Economy Grade, Deduct	*-24.17*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.09*	
		For High Grade, Add	*12.09*	
		For Higher Grade, Add	*24.17*	
		For Deluxe Grade, Add	*48.34*	
		For Custom Deluxe Grade, Add	*53.39*	
		For Custom Built In Place, Add	*35.26*	
06 41 13 00-0093	EA	30" Angle End Wall Cabinet	189.76	28.92
		For Plastic Laminate On Particle Board, Deduct	*-46.18*	
		For Economy Grade, Deduct	*-26.39*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.20*	
		For High Grade, Add	*13.20*	
		For Higher Grade, Add	*26.39*	
		For Deluxe Grade, Add	*52.78*	
		For Custom Deluxe Grade, Add	*58.56*	
		For Custom Built In Place, Add	*38.77*	
06 41 13 00-0094	EA	42" Angle End Wall Cabinet	244.32	34.62
		For Plastic Laminate On Particle Board, Deduct	*-61.29*	
		For Economy Grade, Deduct	*-35.02*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.51*	
		For High Grade, Add	*17.51*	
		For Higher Grade, Add	*35.02*	
		For Deluxe Grade, Add	*70.04*	
		For Custom Deluxe Grade, Add	*76.97*	
		For Custom Built In Place, Add	*50.70*	
06 41 13 00-0095	EA	9" Base Cabinet	127.94	15.89
		For Plastic Laminate On Particle Board, Deduct	*-33.67*	
		For Economy Grade, Deduct	*-19.24*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.62*	
		For High Grade, Add	*9.62*	
		For Higher Grade, Add	*19.24*	
		For Deluxe Grade, Add	*38.48*	
		For Custom Deluxe Grade, Add	*41.65*	
		For Custom Built In Place, Add	*27.22*	
06 41 13 00-0096	EA	12" Base Cabinet	141.80	21.59
		For Plastic Laminate On Particle Board, Deduct	*-34.53*	
		For Economy Grade, Deduct	*-19.73*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.87*	
		For High Grade, Add	*9.87*	
		For Higher Grade, Add	*19.73*	
		For Deluxe Grade, Add	*39.46*	
		For Custom Deluxe Grade, Add	*43.78*	
		For Custom Built In Place, Add	*28.98*	
06 41 13 00-0097	EA	15" Base Cabinet	157.79	25.26
		For Plastic Laminate On Particle Board, Deduct	*-37.55*	
		For Economy Grade, Deduct	*-21.46*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.73*	
		For High Grade, Add	*10.73*	
		For Higher Grade, Add	*21.46*	
		For Deluxe Grade, Add	*42.91*	
		For Custom Deluxe Grade, Add	*47.96*	
		For Custom Built In Place, Add	*31.87*	
06 41 13 00-0098	EA	18" Base Cabinet	170.07	28.92
		For Plastic Laminate On Particle Board, Deduct	*-39.28*	
		For Economy Grade, Deduct	*-22.44*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.22*	
		For High Grade, Add	*11.22*	
		For Higher Grade, Add	*22.44*	
		For Deluxe Grade, Add	*44.89*	
		For Custom Deluxe Grade, Add	*50.67*	
		For Custom Built In Place, Add	*33.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0099	EA	21" Base Cabinet	185.21	32.18
		For Plastic Laminate On Particle Board, Deduct	*-42.30*	
		For Economy Grade, Deduct	*-24.17*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.09*	
		For High Grade, Add	*12.09*	
		For Higher Grade, Add	*24.17*	
		For Deluxe Grade, Add	*48.34*	
		For Custom Deluxe Grade, Add	*54.78*	
		For Custom Built In Place, Add	*36.65*	
06 41 13 00-0100	EA	24" Base Cabinet	196.69	32.99
		For Plastic Laminate On Particle Board, Deduct	*-45.75*	
		For Economy Grade, Deduct	*-26.14*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.07*	
		For High Grade, Add	*13.07*	
		For Higher Grade, Add	*26.14*	
		For Deluxe Grade, Add	*52.28*	
		For Custom Deluxe Grade, Add	*58.88*	
		For Custom Built In Place, Add	*39.28*	
06 41 13 00-0101	EA	24" Base Cabinet, 2 Doors	206.56	32.99
		For Plastic Laminate On Particle Board, Deduct	*-49.20*	
		For Economy Grade, Deduct	*-28.12*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.06*	
		For High Grade, Add	*14.06*	
		For Higher Grade, Add	*28.12*	
		For Deluxe Grade, Add	*56.23*	
		For Custom Deluxe Grade, Add	*62.83*	
		For Custom Built In Place, Add	*41.74*	
06 41 13 00-0102	EA	27" Base Cabinet	219.69	34.62
		For Plastic Laminate On Particle Board, Deduct	*-52.65*	
		For Economy Grade, Deduct	*-30.09*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.04*	
		For High Grade, Add	*15.04*	
		For Higher Grade, Add	*30.09*	
		For Deluxe Grade, Add	*60.18*	
		For Custom Deluxe Grade, Add	*67.10*	
		For Custom Built In Place, Add	*44.54*	
06 41 13 00-0103	EA	30" Base Cabinet	232.79	37.47
		For Plastic Laminate On Particle Board, Deduct	*-55.24*	
		For Economy Grade, Deduct	*-31.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.78*	
		For High Grade, Add	*15.78*	
		For Higher Grade, Add	*31.57*	
		For Deluxe Grade, Add	*63.14*	
		For Custom Deluxe Grade, Add	*70.63*	
		For Custom Built In Place, Add	*46.96*	
06 41 13 00-0104	EA	33" Base Cabinet	240.15	37.47
		For Plastic Laminate On Particle Board, Deduct	*-57.83*	
		For Economy Grade, Deduct	*-33.05*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.52*	
		For High Grade, Add	*16.52*	
		For Higher Grade, Add	*33.05*	
		For Deluxe Grade, Add	*66.10*	
		For Custom Deluxe Grade, Add	*73.59*	
		For Custom Built In Place, Add	*48.80*	
06 41 13 00-0105	EA	36" Base Cabinet	252.43	39.91
		For Plastic Laminate On Particle Board, Deduct	*-60.42*	
		For Economy Grade, Deduct	*-34.53*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.26*	
		For High Grade, Add	*17.26*	
		For Higher Grade, Add	*34.53*	
		For Deluxe Grade, Add	*69.06*	
		For Custom Deluxe Grade, Add	*77.04*	
		For Custom Built In Place, Add	*51.14*	
06 41 13 00-0106	EA	39" Base Cabinet	259.83	39.91
		For Plastic Laminate On Particle Board, Deduct	*-63.01*	
		For Economy Grade, Deduct	*-36.01*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.00*	
		For High Grade, Add	*18.00*	
		For Higher Grade, Add	*36.01*	
		For Deluxe Grade, Add	*72.02*	
		For Custom Deluxe Grade, Add	*80.00*	
		For Custom Built In Place, Add	*52.99*	
06 41 13 00-0107	EA	42" Base Cabinet	272.93	42.77
		For Plastic Laminate On Particle Board, Deduct	*-65.60*	
		For Economy Grade, Deduct	*-37.49*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.74*	
		For High Grade, Add	*18.74*	
		For Higher Grade, Add	*37.49*	
		For Deluxe Grade, Add	*74.98*	
		For Custom Deluxe Grade, Add	*83.53*	
		For Custom Built In Place, Add	*55.41*	
06 41 13 00-0108	EA	45" Base Cabinet	280.33	42.77
		For Plastic Laminate On Particle Board, Deduct	*-68.19*	
		For Economy Grade, Deduct	*-38.97*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.48*	
		For High Grade, Add	*19.48*	
		For Higher Grade, Add	*38.97*	
		For Deluxe Grade, Add	*77.94*	
		For Custom Deluxe Grade, Add	*86.49*	
		For Custom Built In Place, Add	*57.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0109	EA	48" Base Cabinet	295.03	47.65
		For Plastic Laminate On Particle Board, Deduct	*-69.92*	
		For Economy Grade, Deduct	*-39.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.98*	
		For High Grade, Add	*19.98*	
		For Higher Grade, Add	*39.95*	
		For Deluxe Grade, Add	*79.91*	
		For Custom Deluxe Grade, Add	*89.43*	
		For Custom Built In Place, Add	*59.47*	
06 41 13 00-0110	EA	12"-4 Drawer Bases Cabinet	205.93	21.59
		For Plastic Laminate On Particle Board, Deduct	*-56.97*	
		For Economy Grade, Deduct	*-32.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.28*	
		For High Grade, Add	*16.28*	
		For Higher Grade, Add	*32.56*	
		For Deluxe Grade, Add	*65.11*	
		For Custom Deluxe Grade, Add	*69.43*	
		For Custom Built In Place, Add	*45.01*	
06 41 13 00-0111	EA	15"-4 Drawer Bases Cabinet	225.59	25.26
		For Plastic Laminate On Particle Board, Deduct	*-61.29*	
		For Economy Grade, Deduct	*-35.02*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.51*	
		For High Grade, Add	*17.51*	
		For Higher Grade, Add	*35.02*	
		For Deluxe Grade, Add	*70.04*	
		For Custom Deluxe Grade, Add	*75.09*	
		For Custom Built In Place, Add	*48.83*	
06 41 13 00-0112	EA	18"-4 Drawer Bases Cabinet	245.25	28.92
		For Plastic Laminate On Particle Board, Deduct	*-65.60*	
		For Economy Grade, Deduct	*-37.49*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.74*	
		For High Grade, Add	*18.74*	
		For Higher Grade, Add	*37.49*	
		For Deluxe Grade, Add	*74.98*	
		For Custom Deluxe Grade, Add	*80.76*	
		For Custom Built In Place, Add	*52.64*	
06 41 13 00-0113	EA	21"-4 Drawer Bases Cabinet	264.09	32.18
		For Plastic Laminate On Particle Board, Deduct	*-69.92*	
		For Economy Grade, Deduct	*-39.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.98*	
		For High Grade, Add	*19.98*	
		For Higher Grade, Add	*39.95*	
		For Deluxe Grade, Add	*79.91*	
		For Custom Deluxe Grade, Add	*86.34*	
		For Custom Built In Place, Add	*56.37*	
06 41 13 00-0114	EA	24"-4 Drawer Bases Cabinet	265.72	32.99
		For Plastic Laminate On Particle Board, Deduct	*-69.92*	
		For Economy Grade, Deduct	*-39.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.98*	
		For High Grade, Add	*19.98*	
		For Higher Grade, Add	*39.95*	
		For Deluxe Grade, Add	*79.91*	
		For Custom Deluxe Grade, Add	*86.50*	
		For Custom Built In Place, Add	*56.54*	
06 41 13 00-0115	EA	30"-4 Drawer Bases Cabinet	311.67	37.47
		For Plastic Laminate On Particle Board, Deduct	*-82.87*	
		For Economy Grade, Deduct	*-47.35*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.68*	
		For High Grade, Add	*23.68*	
		For Higher Grade, Add	*47.35*	
		For Deluxe Grade, Add	*94.70*	
		For Custom Deluxe Grade, Add	*102.20*	
		For Custom Built In Place, Add	*66.68*	
06 41 13 00-0116	EA	33"-4 Drawer Bases Cabinet	324.01	37.47
		For Plastic Laminate On Particle Board, Deduct	*-87.19*	
		For Economy Grade, Deduct	*-49.82*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.91*	
		For High Grade, Add	*24.91*	
		For Higher Grade, Add	*49.82*	
		For Deluxe Grade, Add	*99.64*	
		For Custom Deluxe Grade, Add	*107.13*	
		For Custom Built In Place, Add	*69.77*	
06 41 13 00-0117	EA	36"-4 Drawer Bases Cabinet	351.08	39.91
		For Plastic Laminate On Particle Board, Deduct	*-94.95*	
		For Economy Grade, Deduct	*-54.26*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.13*	
		For High Grade, Add	*27.13*	
		For Higher Grade, Add	*54.26*	
		For Deluxe Grade, Add	*108.52*	
		For Custom Deluxe Grade, Add	*116.50*	
		For Custom Built In Place, Add	*75.80*	
06 41 13 00-0118	EA	12"-3 Drawer Bases Cabinet	205.92	21.59
		For Plastic Laminate On Particle Board, Deduct	*-56.97*	
		For Economy Grade, Deduct	*-32.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.28*	
		For High Grade, Add	*16.28*	
		For Higher Grade, Add	*32.56*	
		For Deluxe Grade, Add	*65.11*	
		For Custom Deluxe Grade, Add	*69.43*	
		For Custom Built In Place, Add	*45.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0119	EA	15"-3 Drawer Bases Cabinet	225.60	25.26
		For Plastic Laminate On Particle Board, Deduct	*-61.29*	
		For Economy Grade, Deduct	*-35.02*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.51*	
		For High Grade, Add	*17.51*	
		For Higher Grade, Add	*35.02*	
		For Deluxe Grade, Add	*70.04*	
		For Custom Deluxe Grade, Add	*75.09*	
		For Custom Built In Place, Add	*48.83*	
06 41 13 00-0120	EA	18"-3 Drawer Bases Cabinet	245.23	28.92
		For Plastic Laminate On Particle Board, Deduct	*-65.60*	
		For Economy Grade, Deduct	*-37.49*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.74*	
		For High Grade, Add	*18.74*	
		For Higher Grade, Add	*37.49*	
		For Deluxe Grade, Add	*74.98*	
		For Custom Deluxe Grade, Add	*80.76*	
		For Custom Built In Place, Add	*52.64*	
06 41 13 00-0121	EA	21"-3 Drawer Bases Cabinet	264.09	32.18
		For Plastic Laminate On Particle Board, Deduct	*-69.92*	
		For Economy Grade, Deduct	*-39.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.98*	
		For High Grade, Add	*19.98*	
		For Higher Grade, Add	*39.95*	
		For Deluxe Grade, Add	*79.91*	
		For Custom Deluxe Grade, Add	*86.34*	
		For Custom Built In Place, Add	*56.37*	
06 41 13 00-0122	EA	24"-3 Drawer Bases Cabinet	265.72	32.99
		For Plastic Laminate On Particle Board, Deduct	*-69.92*	
		For Economy Grade, Deduct	*-39.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.98*	
		For High Grade, Add	*19.98*	
		For Higher Grade, Add	*39.95*	
		For Deluxe Grade, Add	*79.91*	
		For Custom Deluxe Grade, Add	*86.50*	
		For Custom Built In Place, Add	*56.54*	
06 41 13 00-0123	EA	30"-3 Drawer Bases Cabinet	311.69	37.47
		For Plastic Laminate On Particle Board, Deduct	*-82.87*	
		For Economy Grade, Deduct	*-47.35*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.68*	
		For High Grade, Add	*23.68*	
		For Higher Grade, Add	*47.35*	
		For Deluxe Grade, Add	*94.70*	
		For Custom Deluxe Grade, Add	*102.20*	
		For Custom Built In Place, Add	*66.68*	
06 41 13 00-0124	EA	33"-3 Drawer Bases Cabinet	324.03	37.47
		For Plastic Laminate On Particle Board, Deduct	*-87.19*	
		For Economy Grade, Deduct	*-49.82*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.91*	
		For High Grade, Add	*24.91*	
		For Higher Grade, Add	*49.82*	
		For Deluxe Grade, Add	*99.64*	
		For Custom Deluxe Grade, Add	*107.13*	
		For Custom Built In Place, Add	*69.77*	
06 41 13 00-0125	EA	36"-3 Drawer Bases Cabinet	351.10	39.91
		For Plastic Laminate On Particle Board, Deduct	*-94.95*	
		For Economy Grade, Deduct	*-54.26*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.13*	
		For High Grade, Add	*27.13*	
		For Higher Grade, Add	*54.26*	
		For Deluxe Grade, Add	*108.52*	
		For Custom Deluxe Grade, Add	*116.50*	
		For Custom Built In Place, Add	*75.80*	
06 41 13 00-0126	EA	30" Pantry Drawer Bases Cabinet	377.04	37.47
		For Plastic Laminate On Particle Board, Deduct	*-105.74*	
		For Economy Grade, Deduct	*-60.42*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-30.21*	
		For High Grade, Add	*30.21*	
		For Higher Grade, Add	*60.42*	
		For Deluxe Grade, Add	*120.85*	
		For Custom Deluxe Grade, Add	*128.34*	
		For Custom Built In Place, Add	*83.02*	
06 41 13 00-0127	EA	33" Pantry Drawer Bases Cabinet	389.37	37.47
		For Plastic Laminate On Particle Board, Deduct	*-110.06*	
		For Economy Grade, Deduct	*-62.89*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-31.45*	
		For High Grade, Add	*31.45*	
		For Higher Grade, Add	*62.89*	
		For Deluxe Grade, Add	*125.78*	
		For Custom Deluxe Grade, Add	*133.27*	
		For Custom Built In Place, Add	*86.10*	
06 41 13 00-0128	EA	36" Pantry Drawer Bases Cabinet	406.59	39.91
		For Plastic Laminate On Particle Board, Deduct	*-114.37*	
		For Economy Grade, Deduct	*-65.36*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.68*	
		For High Grade, Add	*32.68*	
		For Higher Grade, Add	*65.36*	
		For Deluxe Grade, Add	*130.71*	
		For Custom Deluxe Grade, Add	*138.69*	
		For Custom Built In Place, Add	*89.68*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0129	EA	36" x 36" Corner Bases Cabinet L/R	449.75	39.91
		For Plastic Laminate On Particle Board, Deduct	*-129.48*	
		For Economy Grade, Deduct	*-73.99*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-36.99*	
		For High Grade, Add	*36.99*	
		For Higher Grade, Add	*73.99*	
		For Deluxe Grade, Add	*147.98*	
		For Custom Deluxe Grade, Add	*155.96*	
		For Custom Built In Place, Add	*100.47*	
06 41 13 00-0130	EA	36" x 36" Corner Bases Cabinet (90)	449.75	39.91
		For Plastic Laminate On Particle Board, Deduct	*-129.48*	
		For Economy Grade, Deduct	*-73.99*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-36.99*	
		For High Grade, Add	*36.99*	
		For Higher Grade, Add	*73.99*	
		For Deluxe Grade, Add	*147.98*	
		For Custom Deluxe Grade, Add	*155.96*	
		For Custom Built In Place, Add	*100.47*	
06 41 13 00-0131	EA	42" x 42" Corner Bases Cabinet (90)	504.77	42.77
		For Plastic Laminate On Particle Board, Deduct	*-146.74*	
		For Economy Grade, Deduct	*-83.85*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-41.93*	
		For High Grade, Add	*41.93*	
		For Higher Grade, Add	*83.85*	
		For Deluxe Grade, Add	*167.71*	
		For Custom Deluxe Grade, Add	*176.26*	
		For Custom Built In Place, Add	*113.37*	
06 41 13 00-0132	EA	36" x 27" Reverse Blind Corner Base	232.72	39.91
		For Plastic Laminate On Particle Board, Deduct	*-53.52*	
		For Economy Grade, Deduct	*-30.58*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.29*	
		For High Grade, Add	*15.29*	
		For Higher Grade, Add	*30.58*	
		For Deluxe Grade, Add	*61.16*	
		For Custom Deluxe Grade, Add	*69.15*	
		For Custom Built In Place, Add	*46.21*	
06 41 13 00-0133	EA	39" x 33" Reverse Blind Corner Base	237.65	39.91
		For Plastic Laminate On Particle Board, Deduct	*-55.24*	
		For Economy Grade, Deduct	*-31.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.78*	
		For High Grade, Add	*15.78*	
		For Higher Grade, Add	*31.57*	
		For Deluxe Grade, Add	*63.14*	
		For Custom Deluxe Grade, Add	*71.12*	
		For Custom Built In Place, Add	*47.44*	
06 41 13 00-0134	EA	42" x 39" Reverse Blind Corner Base	248.28	42.77
		For Plastic Laminate On Particle Board, Deduct	*-56.97*	
		For Economy Grade, Deduct	*-32.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.28*	
		For High Grade, Add	*16.28*	
		For Higher Grade, Add	*32.56*	
		For Deluxe Grade, Add	*65.11*	
		For Custom Deluxe Grade, Add	*73.66*	
		For Custom Built In Place, Add	*49.25*	
06 41 13 00-0135	EA	45" x 45" Reverse Blind Corner Base	255.67	42.77
		For Plastic Laminate On Particle Board, Deduct	*-59.56*	
		For Economy Grade, Deduct	*-34.03*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.02*	
		For High Grade, Add	*17.02*	
		For Higher Grade, Add	*34.03*	
		For Deluxe Grade, Add	*68.07*	
		For Custom Deluxe Grade, Add	*76.62*	
		For Custom Built In Place, Add	*51.09*	
06 41 13 00-0136	EA	36" Blind Corner Base Cabinet L/R	212.99	39.91
		For Plastic Laminate On Particle Board, Deduct	*-46.61*	
		For Economy Grade, Deduct	*-26.64*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.32*	
		For High Grade, Add	*13.32*	
		For Higher Grade, Add	*26.64*	
		For Deluxe Grade, Add	*53.27*	
		For Custom Deluxe Grade, Add	*61.25*	
		For Custom Built In Place, Add	*41.28*	
06 41 13 00-0137	EA	42" Blind Corner Base Cabinet L/R	233.48	42.77
		For Plastic Laminate On Particle Board, Deduct	*-51.79*	
		For Economy Grade, Deduct	*-29.60*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.80*	
		For High Grade, Add	*14.80*	
		For Higher Grade, Add	*29.60*	
		For Deluxe Grade, Add	*59.19*	
		For Custom Deluxe Grade, Add	*67.74*	
		For Custom Built In Place, Add	*45.55*	
06 41 13 00-0138	EA	48" Blind Corner Base Cabinet L/R	258.05	47.65
		For Plastic Laminate On Particle Board, Deduct	*-56.97*	
		For Economy Grade, Deduct	*-32.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.28*	
		For High Grade, Add	*16.28*	
		For Higher Grade, Add	*32.56*	
		For Deluxe Grade, Add	*65.11*	
		For Custom Deluxe Grade, Add	*74.64*	
		For Custom Built In Place, Add	*50.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0139	EA	54" Blind Corner Base Cabinet L/R	279.79	50.51
		For Plastic Laminate On Particle Board, Deduct	*-62.58*	
		For Economy Grade, Deduct	*-35.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.88*	
		For High Grade, Add	*17.88*	
		For Higher Grade, Add	*35.76*	
		For Deluxe Grade, Add	*71.52*	
		For Custom Deluxe Grade, Add	*81.62*	
		For Custom Built In Place, Add	*54.80*	
06 41 13 00-0140	EA	60" Blind Corner Base Cabinet L/R	315.90	53.77
		For Plastic Laminate On Particle Board, Deduct	*-72.94*	
		For Economy Grade, Deduct	*-41.68*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.84*	
		For High Grade, Add	*20.84*	
		For Higher Grade, Add	*41.68*	
		For Deluxe Grade, Add	*83.36*	
		For Custom Deluxe Grade, Add	*94.11*	
		For Custom Built In Place, Add	*62.85*	
06 41 13 00-0141	EA	24" Roll Out Shelf Base Cabinet	285.46	32.99
		For Plastic Laminate On Particle Board, Deduct	*-76.83*	
		For Economy Grade, Deduct	*-43.90*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-21.95*	
		For High Grade, Add	*21.95*	
		For Higher Grade, Add	*43.90*	
		For Deluxe Grade, Add	*87.80*	
		For Custom Deluxe Grade, Add	*94.40*	
		For Custom Built In Place, Add	*61.47*	
06 41 13 00-0142	EA	30" Roll Out Shelf Base Cabinet	321.55	37.47
		For Plastic Laminate On Particle Board, Deduct	*-86.32*	
		For Economy Grade, Deduct	*-49.33*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.66*	
		For High Grade, Add	*24.66*	
		For Higher Grade, Add	*49.33*	
		For Deluxe Grade, Add	*98.65*	
		For Custom Deluxe Grade, Add	*106.14*	
		For Custom Built In Place, Add	*69.15*	
06 41 13 00-0143	EA	33" Roll Out Shelf Base Cabinet	328.95	37.47
		For Plastic Laminate On Particle Board, Deduct	*-88.91*	
		For Economy Grade, Deduct	*-50.81*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-25.40*	
		For High Grade, Add	*25.40*	
		For Higher Grade, Add	*50.81*	
		For Deluxe Grade, Add	*101.61*	
		For Custom Deluxe Grade, Add	*109.10*	
		For Custom Built In Place, Add	*71.00*	
06 41 13 00-0144	EA	36" Roll Out Shelf Base Cabinet	341.24	39.91
		For Plastic Laminate On Particle Board, Deduct	*-91.50*	
		For Economy Grade, Deduct	*-52.29*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-26.14*	
		For High Grade, Add	*26.14*	
		For Higher Grade, Add	*52.29*	
		For Deluxe Grade, Add	*104.57*	
		For Custom Deluxe Grade, Add	*112.55*	
		For Custom Built In Place, Add	*73.34*	
06 41 13 00-0145	EA	24" Enclosed Sink Base Cabinet, 1 Door, 1 Drawer With Tamper-Proof Screw Mounted Front Panel	179.41	32.99
		For Plastic Laminate On Particle Board, Deduct	*-39.71*	
		For Economy Grade, Deduct	*-22.69*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.35*	
		For High Grade, Add	*11.35*	
		For Higher Grade, Add	*22.69*	
		For Deluxe Grade, Add	*45.38*	
		For Custom Deluxe Grade, Add	*51.98*	
		For Custom Built In Place, Add	*34.96*	
06 41 13 00-0146	EA	24" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	181.88	32.99
		For Plastic Laminate On Particle Board, Deduct	*-40.57*	
		For Economy Grade, Deduct	*-23.18*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.59*	
		For High Grade, Add	*11.59*	
		For Higher Grade, Add	*23.18*	
		For Deluxe Grade, Add	*46.37*	
		For Custom Deluxe Grade, Add	*52.96*	
		For Custom Built In Place, Add	*35.58*	
06 41 13 00-0147	EA	27" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	187.60	34.62
		For Plastic Laminate On Particle Board, Deduct	*-41.43*	
		For Economy Grade, Deduct	*-23.68*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.84*	
		For High Grade, Add	*11.84*	
		For Higher Grade, Add	*23.68*	
		For Deluxe Grade, Add	*47.35*	
		For Custom Deluxe Grade, Add	*54.27*	
		For Custom Built In Place, Add	*36.52*	
06 41 13 00-0148	EA	30" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	198.23	37.47
		For Plastic Laminate On Particle Board, Deduct	*-43.16*	
		For Economy Grade, Deduct	*-24.66*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.33*	
		For High Grade, Add	*12.33*	
		For Higher Grade, Add	*24.66*	
		For Deluxe Grade, Add	*49.32*	
		For Custom Deluxe Grade, Add	*56.82*	
		For Custom Built In Place, Add	*38.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0149	EA	33" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	203.17	37.47
		For Plastic Laminate On Particle Board, Deduct	*-44.89*	
		For Economy Grade, Deduct	*-25.65*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.83*	
		For High Grade, Add	*12.83*	
		For Higher Grade, Add	*25.65*	
		For Deluxe Grade, Add	*51.30*	
		For Custom Deluxe Grade, Add	*58.79*	
		For Custom Built In Place, Add	*39.55*	
06 41 13 00-0150	EA	36" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	212.99	39.91
		For Plastic Laminate On Particle Board, Deduct	*-46.61*	
		For Economy Grade, Deduct	*-26.64*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.32*	
		For High Grade, Add	*13.32*	
		For Higher Grade, Add	*26.64*	
		For Deluxe Grade, Add	*53.27*	
		For Custom Deluxe Grade, Add	*61.25*	
		For Custom Built In Place, Add	*41.28*	
06 41 13 00-0151	EA	39" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	220.39	39.91
		For Plastic Laminate On Particle Board, Deduct	*-49.20*	
		For Economy Grade, Deduct	*-28.12*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.06*	
		For High Grade, Add	*14.06*	
		For Higher Grade, Add	*28.12*	
		For Deluxe Grade, Add	*56.23*	
		For Custom Deluxe Grade, Add	*64.21*	
		For Custom Built In Place, Add	*43.13*	
06 41 13 00-0152	EA	42" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	233.48	42.77
		For Plastic Laminate On Particle Board, Deduct	*-51.79*	
		For Economy Grade, Deduct	*-29.60*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.80*	
		For High Grade, Add	*14.80*	
		For Higher Grade, Add	*29.60*	
		For Deluxe Grade, Add	*59.19*	
		For Custom Deluxe Grade, Add	*67.74*	
		For Custom Built In Place, Add	*45.55*	
06 41 13 00-0153	EA	45" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	240.88	42.77
		For Plastic Laminate On Particle Board, Deduct	*-54.38*	
		For Economy Grade, Deduct	*-31.08*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.54*	
		For High Grade, Add	*15.54*	
		For Higher Grade, Add	*31.08*	
		For Deluxe Grade, Add	*62.15*	
		For Custom Deluxe Grade, Add	*70.70*	
		For Custom Built In Place, Add	*47.40*	
06 41 13 00-0154	EA	48" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	258.05	47.65
		For Plastic Laminate On Particle Board, Deduct	*-56.97*	
		For Economy Grade, Deduct	*-32.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.28*	
		For High Grade, Add	*16.28*	
		For Higher Grade, Add	*32.56*	
		For Deluxe Grade, Add	*65.11*	
		For Custom Deluxe Grade, Add	*74.64*	
		For Custom Built In Place, Add	*50.22*	
06 41 13 00-0155	EA	12" Base Cabinet (Full Height Doors)	141.79	21.59
		For Plastic Laminate On Particle Board, Deduct	*-34.53*	
		For Economy Grade, Deduct	*-19.73*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.87*	
		For High Grade, Add	*9.87*	
		For Higher Grade, Add	*19.73*	
		For Deluxe Grade, Add	*39.46*	
		For Custom Deluxe Grade, Add	*43.77*	
		For Custom Built In Place, Add	*28.98*	
06 41 13 00-0156	EA	15" Base Cabinet (Full Height Doors)	157.79	25.26
		For Plastic Laminate On Particle Board, Deduct	*-37.55*	
		For Economy Grade, Deduct	*-21.46*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.73*	
		For High Grade, Add	*10.73*	
		For Higher Grade, Add	*21.46*	
		For Deluxe Grade, Add	*42.91*	
		For Custom Deluxe Grade, Add	*47.96*	
		For Custom Built In Place, Add	*31.87*	
06 41 13 00-0157	EA	18" Base Cabinet (Full Height Doors)	170.05	28.92
		For Plastic Laminate On Particle Board, Deduct	*-39.28*	
		For Economy Grade, Deduct	*-22.44*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.22*	
		For High Grade, Add	*11.22*	
		For Higher Grade, Add	*22.44*	
		For Deluxe Grade, Add	*44.89*	
		For Custom Deluxe Grade, Add	*50.67*	
		For Custom Built In Place, Add	*33.84*	
06 41 13 00-0158	EA	21" Base Cabinet (Full Height Doors)	185.22	32.18
		For Plastic Laminate On Particle Board, Deduct	*-42.30*	
		For Economy Grade, Deduct	*-24.17*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.09*	
		For High Grade, Add	*12.09*	
		For Higher Grade, Add	*24.17*	
		For Deluxe Grade, Add	*48.34*	
		For Custom Deluxe Grade, Add	*54.78*	
		For Custom Built In Place, Add	*36.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0159	EA	24" Base Cabinet (Full Height Doors)	196.71	32.99
		For Plastic Laminate On Particle Board, Deduct	*-45.75*	
		For Economy Grade, Deduct	*-26.14*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.07*	
		For High Grade, Add	*13.07*	
		For Higher Grade, Add	*26.14*	
		For Deluxe Grade, Add	*52.28*	
		For Custom Deluxe Grade, Add	*58.88*	
		For Custom Built In Place, Add	*39.28*	
06 41 13 00-0160	EA	24" Base Cabinet, 2 Doors (Full Height Doors)	206.58	32.99
		For Plastic Laminate On Particle Board, Deduct	*-49.20*	
		For Economy Grade, Deduct	*-28.12*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.06*	
		For High Grade, Add	*14.06*	
		For Higher Grade, Add	*28.12*	
		For Deluxe Grade, Add	*56.23*	
		For Custom Deluxe Grade, Add	*62.83*	
		For Custom Built In Place, Add	*41.75*	
06 41 13 00-0161	EA	27" Base Cabinet (Full Height Doors)	219.66	34.62
		For Plastic Laminate On Particle Board, Deduct	*-52.65*	
		For Economy Grade, Deduct	*-30.09*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.04*	
		For High Grade, Add	*15.04*	
		For Higher Grade, Add	*30.09*	
		For Deluxe Grade, Add	*60.18*	
		For Custom Deluxe Grade, Add	*67.10*	
		For Custom Built In Place, Add	*44.53*	
06 41 13 00-0162	EA	30" Base Cabinet (Full Height Doors)	232.77	37.47
		For Plastic Laminate On Particle Board, Deduct	*-55.24*	
		For Economy Grade, Deduct	*-31.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.78*	
		For High Grade, Add	*15.78*	
		For Higher Grade, Add	*31.57*	
		For Deluxe Grade, Add	*63.14*	
		For Custom Deluxe Grade, Add	*70.63*	
		For Custom Built In Place, Add	*46.95*	
06 41 13 00-0163	EA	33" Base Cabinet (Full Height Doors)	240.17	37.47
		For Plastic Laminate On Particle Board, Deduct	*-57.83*	
		For Economy Grade, Deduct	*-33.05*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.52*	
		For High Grade, Add	*16.52*	
		For Higher Grade, Add	*33.05*	
		For Deluxe Grade, Add	*66.10*	
		For Custom Deluxe Grade, Add	*73.59*	
		For Custom Built In Place, Add	*48.80*	
06 41 13 00-0164	EA	36" Base Cabinet (Full Height Doors)	252.45	39.91
		For Plastic Laminate On Particle Board, Deduct	*-60.42*	
		For Economy Grade, Deduct	*-34.53*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.26*	
		For High Grade, Add	*17.26*	
		For Higher Grade, Add	*34.53*	
		For Deluxe Grade, Add	*69.06*	
		For Custom Deluxe Grade, Add	*77.04*	
		For Custom Built In Place, Add	*51.14*	
06 41 13 00-0165	EA	39" Base Cabinet (Full Height Doors)	259.85	39.91
		For Plastic Laminate On Particle Board, Deduct	*-63.01*	
		For Economy Grade, Deduct	*-36.01*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.00*	
		For High Grade, Add	*18.00*	
		For Higher Grade, Add	*36.01*	
		For Deluxe Grade, Add	*72.02*	
		For Custom Deluxe Grade, Add	*80.00*	
		For Custom Built In Place, Add	*52.99*	
06 41 13 00-0166	EA	42" Base Cabinet (Full Height Doors)	272.94	42.77
		For Plastic Laminate On Particle Board, Deduct	*-65.60*	
		For Economy Grade, Deduct	*-37.49*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.74*	
		For High Grade, Add	*18.74*	
		For Higher Grade, Add	*37.49*	
		For Deluxe Grade, Add	*74.98*	
		For Custom Deluxe Grade, Add	*83.53*	
		For Custom Built In Place, Add	*55.41*	
06 41 13 00-0167	EA	48" Base Cabinet (Full Height Doors)	295.02	47.65
		For Plastic Laminate On Particle Board, Deduct	*-69.92*	
		For Economy Grade, Deduct	*-39.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.98*	
		For High Grade, Add	*19.98*	
		For Higher Grade, Add	*39.95*	
		For Deluxe Grade, Add	*79.91*	
		For Custom Deluxe Grade, Add	*89.43*	
		For Custom Built In Place, Add	*59.47*	
06 41 13 00-0168	EA	36" Lazy Susan Base Cabinet	326.42	39.91
		For Plastic Laminate On Particle Board, Deduct	*-86.32*	
		For Economy Grade, Deduct	*-49.33*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.66*	
		For High Grade, Add	*24.66*	
		For Higher Grade, Add	*49.33*	
		For Deluxe Grade, Add	*98.65*	
		For Custom Deluxe Grade, Add	*106.63*	
		For Custom Built In Place, Add	*69.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0169	EA	27" Island Base Corner Cabinet	249.24	34.62
		For Plastic Laminate On Particle Board, Deduct	*-63.01*	
		For Economy Grade, Deduct	*-36.01*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.00*	
		For High Grade, Add	*18.00*	
		For Higher Grade, Add	*36.01*	
		For Deluxe Grade, Add	*72.02*	
		For Custom Deluxe Grade, Add	*78.94*	
		For Custom Built In Place, Add	*51.93*	
06 41 13 00-0170	EA	18" Sink Fronts	124.39	28.92
		For Plastic Laminate On Particle Board, Deduct	*-23.31*	
		For Economy Grade, Deduct	*-13.32*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-6.66*	
		For High Grade, Add	*6.66*	
		For Higher Grade, Add	*13.32*	
		For Deluxe Grade, Add	*26.64*	
		For Custom Deluxe Grade, Add	*32.42*	
		For Custom Built In Place, Add	*22.43*	
06 41 13 00-0171	EA	24" Sink Fronts	139.93	32.99
		For Plastic Laminate On Particle Board, Deduct	*-25.90*	
		For Economy Grade, Deduct	*-14.80*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-7.40*	
		For High Grade, Add	*7.40*	
		For Higher Grade, Add	*14.80*	
		For Deluxe Grade, Add	*29.60*	
		For Custom Deluxe Grade, Add	*36.19*	
		For Custom Built In Place, Add	*25.09*	
06 41 13 00-0172	EA	30" Sink Fronts	156.29	37.47
		For Plastic Laminate On Particle Board, Deduct	*-28.49*	
		For Economy Grade, Deduct	*-16.28*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.14*	
		For High Grade, Add	*8.14*	
		For Higher Grade, Add	*16.28*	
		For Deluxe Grade, Add	*32.56*	
		For Custom Deluxe Grade, Add	*40.05*	
		For Custom Built In Place, Add	*27.84*	
06 41 13 00-0173	EA	42" Sink Fronts	186.60	42.77
		For Plastic Laminate On Particle Board, Deduct	*-35.39*	
		For Economy Grade, Deduct	*-20.22*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.11*	
		For High Grade, Add	*10.11*	
		For Higher Grade, Add	*20.22*	
		For Deluxe Grade, Add	*40.45*	
		For Custom Deluxe Grade, Add	*49.00*	
		For Custom Built In Place, Add	*33.83*	
06 41 13 00-0174	EA	48" Sink Fronts	213.63	47.65
		For Plastic Laminate On Particle Board, Deduct	*-41.43*	
		For Economy Grade, Deduct	*-23.68*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.84*	
		For High Grade, Add	*11.84*	
		For Higher Grade, Add	*23.68*	
		For Deluxe Grade, Add	*47.35*	
		For Custom Deluxe Grade, Add	*56.88*	
		For Custom Built In Place, Add	*39.12*	
06 41 13 00-0175	EA	36" x 36" Diagonal Sink Fronts	153.80	39.91
		For Plastic Laminate On Particle Board, Deduct	*-25.90*	
		For Economy Grade, Deduct	*-14.80*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-7.40*	
		For High Grade, Add	*7.40*	
		For Higher Grade, Add	*14.80*	
		For Deluxe Grade, Add	*29.60*	
		For Custom Deluxe Grade, Add	*37.58*	
		For Custom Built In Place, Add	*26.48*	
06 41 13 00-0176	EA	39" x 39" Diagonal Sink Fronts	161.20	39.91
		For Plastic Laminate On Particle Board, Deduct	*-28.49*	
		For Economy Grade, Deduct	*-16.28*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.14*	
		For High Grade, Add	*8.14*	
		For Higher Grade, Add	*16.28*	
		For Deluxe Grade, Add	*32.56*	
		For Custom Deluxe Grade, Add	*40.54*	
		For Custom Built In Place, Add	*28.33*	
06 41 13 00-0177	EA	42" x 42" Diagonal Sink Fronts	174.29	42.77
		For Plastic Laminate On Particle Board, Deduct	*-31.08*	
		For Economy Grade, Deduct	*-17.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.88*	
		For High Grade, Add	*8.88*	
		For Higher Grade, Add	*17.76*	
		For Deluxe Grade, Add	*35.52*	
		For Custom Deluxe Grade, Add	*44.07*	
		For Custom Built In Place, Add	*30.75*	
06 41 13 00-0178	EA	12" x 24" x 84" Broom Cabinet	289.77	21.59
		For Plastic Laminate On Particle Board, Deduct	*-86.32*	
		For Economy Grade, Deduct	*-49.33*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.66*	
		For High Grade, Add	*24.66*	
		For Higher Grade, Add	*49.33*	
		For Deluxe Grade, Add	*98.65*	
		For Custom Deluxe Grade, Add	*102.97*	
		For Custom Built In Place, Add	*65.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0179	EA	15" x 24" x 84" Broom Cabinet	305.30	26.88
		For Plastic Laminate On Particle Board, Deduct	*-88.05*	
		For Economy Grade, Deduct	*-50.31*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-25.16*	
		For High Grade, Add	*25.16*	
		For Higher Grade, Add	*50.31*	
		For Deluxe Grade, Add	*100.62*	
		For Custom Deluxe Grade, Add	*106.00*	
		For Custom Built In Place, Add	*68.26*	
06 41 13 00-0180	EA	18" x 24" x 84" Broom Cabinet	306.98	25.26
		For Plastic Laminate On Particle Board, Deduct	*-89.77*	
		For Economy Grade, Deduct	*-51.30*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-25.65*	
		For High Grade, Add	*25.65*	
		For Higher Grade, Add	*51.30*	
		For Deluxe Grade, Add	*102.60*	
		For Custom Deluxe Grade, Add	*107.65*	
		For Custom Built In Place, Add	*69.17*	
06 41 13 00-0181	EA	24" x 24" x 84" Broom Cabinet	354.51	32.99
		For Plastic Laminate On Particle Board, Deduct	*-101.00*	
		For Economy Grade, Deduct	*-57.71*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.86*	
		For High Grade, Add	*28.86*	
		For Higher Grade, Add	*57.71*	
		For Deluxe Grade, Add	*115.42*	
		For Custom Deluxe Grade, Add	*122.02*	
		For Custom Built In Place, Add	*78.74*	
06 41 13 00-0182	EA	27" x 24" x 84" Broom Cabinet	386.09	34.62
		For Plastic Laminate On Particle Board, Deduct	*-110.92*	
		For Economy Grade, Deduct	*-63.38*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-31.69*	
		For High Grade, Add	*31.69*	
		For Higher Grade, Add	*63.38*	
		For Deluxe Grade, Add	*126.77*	
		For Custom Deluxe Grade, Add	*133.69*	
		For Custom Built In Place, Add	*86.15*	
06 41 13 00-0183	EA	30" x 24" x 84" Broom Cabinet	395.50	37.47
		For Plastic Laminate On Particle Board, Deduct	*-112.22*	
		For Economy Grade, Deduct	*-64.12*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.06*	
		For High Grade, Add	*32.06*	
		For Higher Grade, Add	*64.12*	
		For Deluxe Grade, Add	*128.25*	
		For Custom Deluxe Grade, Add	*135.74*	
		For Custom Built In Place, Add	*87.64*	
06 41 13 00-0184	EA	33" x 24" x 84" Broom Cabinet	457.15	37.47
		For Plastic Laminate On Particle Board, Deduct	*-133.79*	
		For Economy Grade, Deduct	*-76.45*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-38.23*	
		For High Grade, Add	*38.23*	
		For Higher Grade, Add	*76.45*	
		For Deluxe Grade, Add	*152.91*	
		For Custom Deluxe Grade, Add	*160.40*	
		For Custom Built In Place, Add	*103.06*	
06 41 13 00-0185	EA	36" x 24" x 84" Broom Cabinet	494.15	39.91
		For Plastic Laminate On Particle Board, Deduct	*-145.02*	
		For Economy Grade, Deduct	*-82.87*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-41.43*	
		For High Grade, Add	*41.43*	
		For Higher Grade, Add	*82.87*	
		For Deluxe Grade, Add	*165.74*	
		For Custom Deluxe Grade, Add	*173.72*	
		For Custom Built In Place, Add	*111.57*	
06 41 13 00-0186	EA	12" x 12" x 84" Broom Cabinet	265.11	21.59
		For Plastic Laminate On Particle Board, Deduct	*-77.69*	
		For Economy Grade, Deduct	*-44.39*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.20*	
		For High Grade, Add	*22.20*	
		For Higher Grade, Add	*44.39*	
		For Deluxe Grade, Add	*88.79*	
		For Custom Deluxe Grade, Add	*93.10*	
		For Custom Built In Place, Add	*59.81*	
06 41 13 00-0187	EA	15" x 12" x 84" Broom Cabinet	280.64	26.88
		For Plastic Laminate On Particle Board, Deduct	*-79.42*	
		For Economy Grade, Deduct	*-45.38*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.69*	
		For High Grade, Add	*22.69*	
		For Higher Grade, Add	*45.38*	
		For Deluxe Grade, Add	*90.76*	
		For Custom Deluxe Grade, Add	*96.13*	
		For Custom Built In Place, Add	*62.10*	
06 41 13 00-0188	EA	18" x 12" x 84" Broom Cabinet	282.32	25.26
		For Plastic Laminate On Particle Board, Deduct	*-81.14*	
		For Economy Grade, Deduct	*-46.37*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.18*	
		For High Grade, Add	*23.18*	
		For Higher Grade, Add	*46.37*	
		For Deluxe Grade, Add	*92.73*	
		For Custom Deluxe Grade, Add	*97.78*	
		For Custom Built In Place, Add	*63.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0189	EA	24" x 12" x 84" Broom Cabinet	329.84	32.99
		For Plastic Laminate On Particle Board, Deduct	*-92.36*	
		For Economy Grade, Deduct	*-52.78*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-26.39*	
		For High Grade, Add	*26.39*	
		For Higher Grade, Add	*52.78*	
		For Deluxe Grade, Add	*105.56*	
		For Custom Deluxe Grade, Add	*112.15*	
		For Custom Built In Place, Add	*72.57*	
06 41 13 00-0190	EA	27" x 12" x 84" Broom Cabinet	361.43	34.62
		For Plastic Laminate On Particle Board, Deduct	*-102.29*	
		For Economy Grade, Deduct	*-58.45*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-29.23*	
		For High Grade, Add	*29.23*	
		For Higher Grade, Add	*58.45*	
		For Deluxe Grade, Add	*116.90*	
		For Custom Deluxe Grade, Add	*123.82*	
		For Custom Built In Place, Add	*79.98*	
06 41 13 00-0191	EA	30" x 12" x 84" Broom Cabinet	370.83	37.47
		For Plastic Laminate On Particle Board, Deduct	*-103.58*	
		For Economy Grade, Deduct	*-59.19*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-29.60*	
		For High Grade, Add	*29.60*	
		For Higher Grade, Add	*59.19*	
		For Deluxe Grade, Add	*118.38*	
		For Custom Deluxe Grade, Add	*125.87*	
		For Custom Built In Place, Add	*81.48*	
06 41 13 00-0192	EA	33" x 12" x 84" Broom Cabinet	432.49	37.47
		For Plastic Laminate On Particle Board, Deduct	*-125.16*	
		For Economy Grade, Deduct	*-71.52*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-35.76*	
		For High Grade, Add	*35.76*	
		For Higher Grade, Add	*71.52*	
		For Deluxe Grade, Add	*143.04*	
		For Custom Deluxe Grade, Add	*150.53*	
		For Custom Built In Place, Add	*96.89*	
06 41 13 00-0193	EA	36" x 12" x 84" Broom Cabinet	469.48	39.91
		For Plastic Laminate On Particle Board, Deduct	*-136.38*	
		For Economy Grade, Deduct	*-77.93*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-38.97*	
		For High Grade, Add	*38.97*	
		For Higher Grade, Add	*77.93*	
		For Deluxe Grade, Add	*155.87*	
		For Custom Deluxe Grade, Add	*163.85*	
		For Custom Built In Place, Add	*105.40*	
06 41 13 00-0194	EA	27" x 24" x 84" Oven / Microwave Cabinet	439.16	34.62
		For Plastic Laminate On Particle Board, Deduct	*-129.48*	
		For Economy Grade, Deduct	*-73.99*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-36.99*	
		For High Grade, Add	*36.99*	
		For Higher Grade, Add	*73.99*	
		For Deluxe Grade, Add	*147.98*	
		For Custom Deluxe Grade, Add	*154.90*	
		For Custom Built In Place, Add	*99.41*	
06 41 13 00-0195	EA	30" x 24" x 84" Oven / Microwave Cabinet	469.54	37.47
		For Plastic Laminate On Particle Board, Deduct	*-138.11*	
		For Economy Grade, Deduct	*-78.92*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-39.46*	
		For High Grade, Add	*39.46*	
		For Higher Grade, Add	*78.92*	
		For Deluxe Grade, Add	*157.84*	
		For Custom Deluxe Grade, Add	*165.34*	
		For Custom Built In Place, Add	*106.15*	
06 41 13 00-0196	EA	33" x 24" x 84" Oven / Microwave Cabinet	494.20	37.47
		For Plastic Laminate On Particle Board, Deduct	*-146.74*	
		For Economy Grade, Deduct	*-83.85*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-41.93*	
		For High Grade, Add	*41.93*	
		For Higher Grade, Add	*83.85*	
		For Deluxe Grade, Add	*167.71*	
		For Custom Deluxe Grade, Add	*175.20*	
		For Custom Built In Place, Add	*112.31*	
06 41 13 00-0197	EA	27" x 24" x 84" Universal Oven Cabinet	439.16	34.62
		For Plastic Laminate On Particle Board, Deduct	*-129.48*	
		For Economy Grade, Deduct	*-73.99*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-36.99*	
		For High Grade, Add	*36.99*	
		For Higher Grade, Add	*73.99*	
		For Deluxe Grade, Add	*147.98*	
		For Custom Deluxe Grade, Add	*154.90*	
		For Custom Built In Place, Add	*99.41*	
06 41 13 00-0198	EA	30" x 24" x 84" Universal Oven Cabinet	469.54	37.47
		For Plastic Laminate On Particle Board, Deduct	*-138.11*	
		For Economy Grade, Deduct	*-78.92*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-39.46*	
		For High Grade, Add	*39.46*	
		For Higher Grade, Add	*78.92*	
		For Deluxe Grade, Add	*157.84*	
		For Custom Deluxe Grade, Add	*165.34*	
		For Custom Built In Place, Add	*106.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0199	EA	33" x 24" x 84" Universal Oven Cabinet	494.20	37.47
		For Plastic Laminate On Particle Board, Deduct	*-146.74*	
		For Economy Grade, Deduct	*-83.85*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-41.93*	
		For High Grade, Add	*41.93*	
		For Higher Grade, Add	*83.85*	
		For Deluxe Grade, Add	*167.71*	
		For Custom Deluxe Grade, Add	*175.20*	
		For Custom Built In Place, Add	*112.31*	
06 41 13 00-0200	EA	27" x 24" x 84" Double Oven Cabinet	439.16	34.62
		For Plastic Laminate On Particle Board, Deduct	*-129.48*	
		For Economy Grade, Deduct	*-73.99*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-36.99*	
		For High Grade, Add	*36.99*	
		For Higher Grade, Add	*73.99*	
		For Deluxe Grade, Add	*147.98*	
		For Custom Deluxe Grade, Add	*154.90*	
		For Custom Built In Place, Add	*99.41*	
06 41 13 00-0201	EA	30" x 24" x 84" Double Oven Cabinet	469.53	37.47
		For Plastic Laminate On Particle Board, Deduct	*-138.11*	
		For Economy Grade, Deduct	*-78.92*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-39.46*	
		For High Grade, Add	*39.46*	
		For Higher Grade, Add	*78.92*	
		For Deluxe Grade, Add	*157.84*	
		For Custom Deluxe Grade, Add	*165.34*	
		For Custom Built In Place, Add	*106.14*	
06 41 13 00-0202	EA	33" x 24" x 84" Double Oven Cabinet	494.19	37.47
		For Plastic Laminate On Particle Board, Deduct	*-146.74*	
		For Economy Grade, Deduct	*-83.85*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-41.93*	
		For High Grade, Add	*41.93*	
		For Higher Grade, Add	*83.85*	
		For Deluxe Grade, Add	*167.71*	
		For Custom Deluxe Grade, Add	*175.20*	
		For Custom Built In Place, Add	*112.31*	
06 41 13 00-0203	EA	30" x 12" x 48" Library Cabinet	341.95	47.65
		For Plastic Laminate On Particle Board, Deduct	*-86.32*	
		For Economy Grade, Deduct	*-49.33*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.66*	
		For High Grade, Add	*24.66*	
		For Higher Grade, Add	*49.33*	
		For Deluxe Grade, Add	*98.65*	
		For Custom Deluxe Grade, Add	*108.18*	
		For Custom Built In Place, Add	*71.19*	
06 41 13 00-0204	EA	30" x 12" x 54" Library Cabinet	388.34	50.51
		For Plastic Laminate On Particle Board, Deduct	*-100.56*	
		For Economy Grade, Deduct	*-57.46*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.73*	
		For High Grade, Add	*28.73*	
		For Higher Grade, Add	*57.46*	
		For Deluxe Grade, Add	*114.93*	
		For Custom Deluxe Grade, Add	*125.03*	
		For Custom Built In Place, Add	*81.93*	
06 41 13 00-0205	EA	30" x 12" x 60" Library Cabinet	434.31	53.77
		For Plastic Laminate On Particle Board, Deduct	*-114.37*	
		For Economy Grade, Deduct	*-65.36*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.68*	
		For High Grade, Add	*32.68*	
		For Higher Grade, Add	*65.36*	
		For Deluxe Grade, Add	*130.71*	
		For Custom Deluxe Grade, Add	*141.47*	
		For Custom Built In Place, Add	*92.45*	
06 41 13 00-0206	EA	30" x 12" x 66" Library Cabinet	479.91	54.99
		For Plastic Laminate On Particle Board, Deduct	*-129.48*	
		For Economy Grade, Deduct	*-73.99*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-36.99*	
		For High Grade, Add	*36.99*	
		For Higher Grade, Add	*73.99*	
		For Deluxe Grade, Add	*147.98*	
		For Custom Deluxe Grade, Add	*158.97*	
		For Custom Built In Place, Add	*103.48*	
06 41 13 00-0207	EA	30" x 12" x 48" Library Cabinet - C	378.97	47.65
		For Plastic Laminate On Particle Board, Deduct	*-99.27*	
		For Economy Grade, Deduct	*-56.72*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.36*	
		For High Grade, Add	*28.36*	
		For Higher Grade, Add	*56.72*	
		For Deluxe Grade, Add	*113.45*	
		For Custom Deluxe Grade, Add	*122.98*	
		For Custom Built In Place, Add	*80.44*	
06 41 13 00-0208	EA	30" x 12" x 54" Library Cabinet - C	427.80	50.51
		For Plastic Laminate On Particle Board, Deduct	*-114.37*	
		For Economy Grade, Deduct	*-65.36*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.68*	
		For High Grade, Add	*32.68*	
		For Higher Grade, Add	*65.36*	
		For Deluxe Grade, Add	*130.71*	
		For Custom Deluxe Grade, Add	*140.81*	
		For Custom Built In Place, Add	*91.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0209	EA	30" x 12" x 60" Library Cabinet - C	477.48	53.77
		For Plastic Laminate On Particle Board, Deduct	*-129.48*	
		For Economy Grade, Deduct	*-73.99*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-36.99*	
		For High Grade, Add	*36.99*	
		For Higher Grade, Add	*73.99*	
		For Deluxe Grade, Add	*147.98*	
		For Custom Deluxe Grade, Add	*158.73*	
		For Custom Built In Place, Add	*103.24*	
06 41 13 00-0210	EA	30" x 12" x 66" Library Cabinet - C	516.93	54.99
		For Plastic Laminate On Particle Board, Deduct	*-142.43*	
		For Economy Grade, Deduct	*-81.39*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-40.69*	
		For High Grade, Add	*40.69*	
		For Higher Grade, Add	*81.39*	
		For Deluxe Grade, Add	*162.78*	
		For Custom Deluxe Grade, Add	*173.78*	
		For Custom Built In Place, Add	*112.73*	
06 41 13 00-0211	LF	Finished Wood Tops	40.61	4.89
		For Plastic Laminate On Particle Board, Deduct	*-10.79*	
		For Economy Grade, Deduct	*-6.17*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-3.08*	
		For High Grade, Add	*3.08*	
		For Higher Grade, Add	*6.17*	
		For Deluxe Grade, Add	*12.33*	
		For Custom Deluxe Grade, Add	*13.31*	
		For Custom Built In Place, Add	*8.69*	
06 41 13 00-0212	EA	24" Vanity Sink Base, 2 Drawer	169.58	32.99
		For Plastic Laminate On Particle Board, Deduct	*-36.25*	
		For Economy Grade, Deduct	*-20.72*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.36*	
		For High Grade, Add	*10.36*	
		For Higher Grade, Add	*20.72*	
		For Deluxe Grade, Add	*41.43*	
		For Custom Deluxe Grade, Add	*48.03*	
		For Custom Built In Place, Add	*32.50*	
06 41 13 00-0213	EA	27" Vanity Sink Base	177.77	34.62
		For Plastic Laminate On Particle Board, Deduct	*-37.98*	
		For Economy Grade, Deduct	*-21.70*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.85*	
		For High Grade, Add	*10.85*	
		For Higher Grade, Add	*21.70*	
		For Deluxe Grade, Add	*43.41*	
		For Custom Deluxe Grade, Add	*50.33*	
		For Custom Built In Place, Add	*34.06*	
06 41 13 00-0214	EA	30" Vanity Sink Base	185.93	37.47
		For Plastic Laminate On Particle Board, Deduct	*-38.84*	
		For Economy Grade, Deduct	*-22.20*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.10*	
		For High Grade, Add	*11.10*	
		For Higher Grade, Add	*22.20*	
		For Deluxe Grade, Add	*44.39*	
		For Custom Deluxe Grade, Add	*51.89*	
		For Custom Built In Place, Add	*35.24*	
06 41 13 00-0215	EA	36" Vanity Sink Base	203.15	39.91
		For Plastic Laminate On Particle Board, Deduct	*-43.16*	
		For Economy Grade, Deduct	*-24.66*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.33*	
		For High Grade, Add	*12.33*	
		For Higher Grade, Add	*24.66*	
		For Deluxe Grade, Add	*49.32*	
		For Custom Deluxe Grade, Add	*57.31*	
		For Custom Built In Place, Add	*38.81*	
06 41 13 00-0216	EA	42" Vanity Sink Base	245.86	42.77
		For Plastic Laminate On Particle Board, Deduct	*-56.11*	
		For Economy Grade, Deduct	*-32.06*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.03*	
		For High Grade, Add	*16.03*	
		For Higher Grade, Add	*32.06*	
		For Deluxe Grade, Add	*64.12*	
		For Custom Deluxe Grade, Add	*72.68*	
		For Custom Built In Place, Add	*48.63*	
06 41 13 00-0217	EA	36" Vanity Sink Base With Drawer On Each End	222.88	39.91
		For Plastic Laminate On Particle Board, Deduct	*-50.06*	
		For Economy Grade, Deduct	*-28.61*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.30*	
		For High Grade, Add	*14.30*	
		For Higher Grade, Add	*28.61*	
		For Deluxe Grade, Add	*57.22*	
		For Custom Deluxe Grade, Add	*65.20*	
		For Custom Built In Place, Add	*43.74*	
06 41 13 00-0218	EA	42" Vanity Sink Base With Drawer On Each End	240.93	42.77
		For Plastic Laminate On Particle Board, Deduct	*-54.38*	
		For Economy Grade, Deduct	*-31.08*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.54*	
		For High Grade, Add	*15.54*	
		For Higher Grade, Add	*31.08*	
		For Deluxe Grade, Add	*62.15*	
		For Custom Deluxe Grade, Add	*70.71*	
		For Custom Built In Place, Add	*47.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0219	EA	48" Vanity Sink Base With Drawer On Each End	265.50	47.65
		For Plastic Laminate On Particle Board, Deduct	*-59.56*	
		For Economy Grade, Deduct	*-34.03*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.02*	
		For High Grade, Add	*17.02*	
		For Higher Grade, Add	*34.03*	
		For Deluxe Grade, Add	*68.07*	
		For Custom Deluxe Grade, Add	*77.60*	
		For Custom Built In Place, Add	*52.08*	
06 41 13 00-0220	EA	54" Combo Vanity With Sink Center	285.99	50.51
		For Plastic Laminate On Particle Board, Deduct	*-64.74*	
		For Economy Grade, Deduct	*-36.99*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.50*	
		For High Grade, Add	*18.50*	
		For Higher Grade, Add	*36.99*	
		For Deluxe Grade, Add	*73.99*	
		For Custom Deluxe Grade, Add	*84.09*	
		For Custom Built In Place, Add	*56.34*	
06 41 13 00-0221	EA	60" Combo Vanity With Sink Center	314.71	53.77
		For Plastic Laminate On Particle Board, Deduct	*-72.51*	
		For Economy Grade, Deduct	*-41.43*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.72*	
		For High Grade, Add	*20.72*	
		For Higher Grade, Add	*41.43*	
		For Deluxe Grade, Add	*82.87*	
		For Custom Deluxe Grade, Add	*93.62*	
		For Custom Built In Place, Add	*62.55*	
06 41 13 00-0222	EA	66" Combo Vanity With Sink Center	331.97	54.99
		For Plastic Laminate On Particle Board, Deduct	*-77.69*	
		For Economy Grade, Deduct	*-44.39*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.20*	
		For High Grade, Add	*22.20*	
		For Higher Grade, Add	*44.39*	
		For Deluxe Grade, Add	*88.79*	
		For Custom Deluxe Grade, Add	*99.79*	
		For Custom Built In Place, Add	*66.49*	
06 41 13 00-0223	EA	72" Combo Vanity With Sink Center	348.36	57.03
		For Plastic Laminate On Particle Board, Deduct	*-82.01*	
		For Economy Grade, Deduct	*-46.86*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.43*	
		For High Grade, Add	*23.43*	
		For Higher Grade, Add	*46.86*	
		For Deluxe Grade, Add	*93.72*	
		For Custom Deluxe Grade, Add	*105.13*	
		For Custom Built In Place, Add	*69.98*	
06 41 13 00-0224	EA	24" Vanity Sink Base, Full Height Doors, 2 Doors	164.65	32.99
		For Plastic Laminate On Particle Board, Deduct	*-34.53*	
		For Economy Grade, Deduct	*-19.73*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.87*	
		For High Grade, Add	*9.87*	
		For Higher Grade, Add	*19.73*	
		For Deluxe Grade, Add	*39.46*	
		For Custom Deluxe Grade, Add	*46.06*	
		For Custom Built In Place, Add	*31.26*	
06 41 13 00-0225	EA	27" Vanity Sink Base, Full Height Doors	172.83	34.62
		For Plastic Laminate On Particle Board, Deduct	*-36.25*	
		For Economy Grade, Deduct	*-20.72*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.36*	
		For High Grade, Add	*10.36*	
		For Higher Grade, Add	*20.72*	
		For Deluxe Grade, Add	*41.43*	
		For Custom Deluxe Grade, Add	*48.36*	
		For Custom Built In Place, Add	*32.82*	
06 41 13 00-0226	EA	30" Vanity Sink Base, Full Height Doors	181.00	37.47
		For Plastic Laminate On Particle Board, Deduct	*-37.12*	
		For Economy Grade, Deduct	*-21.21*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.61*	
		For High Grade, Add	*10.61*	
		For Higher Grade, Add	*21.21*	
		For Deluxe Grade, Add	*42.42*	
		For Custom Deluxe Grade, Add	*49.92*	
		For Custom Built In Place, Add	*34.01*	
06 41 13 00-0227	EA	36" Vanity Sink Base, Full Height Doors	198.22	39.91
		For Plastic Laminate On Particle Board, Deduct	*-41.43*	
		For Economy Grade, Deduct	*-23.68*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.84*	
		For High Grade, Add	*11.84*	
		For Higher Grade, Add	*23.68*	
		For Deluxe Grade, Add	*47.35*	
		For Custom Deluxe Grade, Add	*55.34*	
		For Custom Built In Place, Add	*37.58*	
06 41 13 00-0228	EA	42" Vanity Sink Base, Full Height Doors	223.66	42.77
		For Plastic Laminate On Particle Board, Deduct	*-48.34*	
		For Economy Grade, Deduct	*-27.62*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.81*	
		For High Grade, Add	*13.81*	
		For Higher Grade, Add	*27.62*	
		For Deluxe Grade, Add	*55.24*	
		For Custom Deluxe Grade, Add	*63.80*	
		For Custom Built In Place, Add	*43.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0229	EA	48" Vanity Sink Base, Full Height Doors	245.77	47.65
		For Plastic Laminate On Particle Board, Deduct	*-52.65*	
		For Economy Grade, Deduct	*-30.09*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.04*	
		For High Grade, Add	*15.04*	
		For Higher Grade, Add	*30.09*	
		For Deluxe Grade, Add	*60.18*	
		For Custom Deluxe Grade, Add	*69.71*	
		For Custom Built In Place, Add	*47.14*	
06 41 13 00-0230	EA	24" Vanity Sink Base With 2 Sink Blanks And Drawers	211.51	32.99
		For Plastic Laminate On Particle Board, Deduct	*-50.93*	
		For Economy Grade, Deduct	*-29.10*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.55*	
		For High Grade, Add	*14.55*	
		For Higher Grade, Add	*29.10*	
		For Deluxe Grade, Add	*58.20*	
		For Custom Deluxe Grade, Add	*64.80*	
		For Custom Built In Place, Add	*42.98*	
06 41 13 00-0231	EA	30" Vanity Sink Base With 2 Sink Blanks And Drawers	227.86	37.47
		For Plastic Laminate On Particle Board, Deduct	*-53.52*	
		For Economy Grade, Deduct	*-30.58*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.29*	
		For High Grade, Add	*15.29*	
		For Higher Grade, Add	*30.58*	
		For Deluxe Grade, Add	*61.16*	
		For Custom Deluxe Grade, Add	*68.66*	
		For Custom Built In Place, Add	*45.72*	
06 41 13 00-0232	EA	36" Vanity Sink Base With 2 Sink Blanks And Drawers	240.15	39.91
		For Plastic Laminate On Particle Board, Deduct	*-56.11*	
		For Economy Grade, Deduct	*-32.06*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.03*	
		For High Grade, Add	*16.03*	
		For Higher Grade, Add	*32.06*	
		For Deluxe Grade, Add	*64.12*	
		For Custom Deluxe Grade, Add	*72.11*	
		For Custom Built In Place, Add	*48.06*	
06 41 13 00-0233	EA	18" Vanity Drawer Base, 2 Drawer	209.53	28.92
		For Plastic Laminate On Particle Board, Deduct	*-53.09*	
		For Economy Grade, Deduct	*-30.34*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.17*	
		For High Grade, Add	*15.17*	
		For Higher Grade, Add	*30.34*	
		For Deluxe Grade, Add	*60.67*	
		For Custom Deluxe Grade, Add	*66.46*	
		For Custom Built In Place, Add	*43.71*	
06 41 13 00-0234	EA	21" Vanity Drawer Base, 2 Drawer	239.48	32.18
		For Plastic Laminate On Particle Board, Deduct	*-61.29*	
		For Economy Grade, Deduct	*-35.02*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.51*	
		For High Grade, Add	*17.51*	
		For Higher Grade, Add	*35.02*	
		For Deluxe Grade, Add	*70.04*	
		For Custom Deluxe Grade, Add	*76.48*	
		For Custom Built In Place, Add	*50.21*	
06 41 13 00-0235	EA	24" Vanity Drawer Base, 2 Drawer	253.44	32.99
		For Plastic Laminate On Particle Board, Deduct	*-65.60*	
		For Economy Grade, Deduct	*-37.49*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.74*	
		For High Grade, Add	*18.74*	
		For Higher Grade, Add	*37.49*	
		For Deluxe Grade, Add	*74.98*	
		For Custom Deluxe Grade, Add	*81.58*	
		For Custom Built In Place, Add	*53.46*	
06 41 13 00-0236	EA	12" Vanity Drawer Base, 3 Drawer	181.30	21.59
		For Plastic Laminate On Particle Board, Deduct	*-48.34*	
		For Economy Grade, Deduct	*-27.62*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.81*	
		For High Grade, Add	*13.81*	
		For Higher Grade, Add	*27.62*	
		For Deluxe Grade, Add	*55.24*	
		For Custom Deluxe Grade, Add	*59.56*	
		For Custom Built In Place, Add	*38.85*	
06 41 13 00-0237	EA	15" Vanity Drawer Base, 3 Drawer	200.95	25.26
		For Plastic Laminate On Particle Board, Deduct	*-52.65*	
		For Economy Grade, Deduct	*-30.09*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.04*	
		For High Grade, Add	*15.04*	
		For Higher Grade, Add	*30.09*	
		For Deluxe Grade, Add	*60.18*	
		For Custom Deluxe Grade, Add	*65.23*	
		For Custom Built In Place, Add	*42.66*	
06 41 13 00-0238	EA	18" Vanity Drawer Base, 3 Drawer	220.63	28.92
		For Plastic Laminate On Particle Board, Deduct	*-56.97*	
		For Economy Grade, Deduct	*-32.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.28*	
		For High Grade, Add	*16.28*	
		For Higher Grade, Add	*32.56*	
		For Deluxe Grade, Add	*65.11*	
		For Custom Deluxe Grade, Add	*70.90*	
		For Custom Built In Place, Add	*46.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0239	EA	21" Vanity Drawer Base, 3 Drawer	239.48	32.18
		For Plastic Laminate On Particle Board, Deduct	*-61.29*	
		For Economy Grade, Deduct	*-35.02*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.51*	
		For High Grade, Add	*17.51*	
		For Higher Grade, Add	*35.02*	
		For Deluxe Grade, Add	*70.04*	
		For Custom Deluxe Grade, Add	*76.48*	
		For Custom Built In Place, Add	*50.21*	
06 41 13 00-0240	EA	24" Vanity Drawer Base, 3 Drawer	253.44	32.99
		For Plastic Laminate On Particle Board, Deduct	*-65.60*	
		For Economy Grade, Deduct	*-37.49*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.74*	
		For High Grade, Add	*18.74*	
		For Higher Grade, Add	*37.49*	
		For Deluxe Grade, Add	*74.98*	
		For Custom Deluxe Grade, Add	*81.58*	
		For Custom Built In Place, Add	*53.46*	
06 41 13 00-0241	EA	12" Vanity Base Cabinet	129.51	21.59
		For Plastic Laminate On Particle Board, Deduct	*-30.21*	
		For Economy Grade, Deduct	*-17.26*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.63*	
		For High Grade, Add	*8.63*	
		For Higher Grade, Add	*17.26*	
		For Deluxe Grade, Add	*34.53*	
		For Custom Deluxe Grade, Add	*38.85*	
		For Custom Built In Place, Add	*25.90*	
06 41 13 00-0242	EA	15" Vanity Base Cabinet	139.30	25.26
		For Plastic Laminate On Particle Board, Deduct	*-31.08*	
		For Economy Grade, Deduct	*-17.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.88*	
		For High Grade, Add	*8.88*	
		For Higher Grade, Add	*17.76*	
		For Deluxe Grade, Add	*35.52*	
		For Custom Deluxe Grade, Add	*40.57*	
		For Custom Built In Place, Add	*27.25*	
06 41 13 00-0243	EA	18" Vanity Base Cabinet	149.10	28.92
		For Plastic Laminate On Particle Board, Deduct	*-31.94*	
		For Economy Grade, Deduct	*-18.25*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.13*	
		For High Grade, Add	*9.13*	
		For Higher Grade, Add	*18.25*	
		For Deluxe Grade, Add	*36.50*	
		For Custom Deluxe Grade, Add	*42.29*	
		For Custom Built In Place, Add	*28.60*	
06 41 13 00-0244	EA	21" Vanity Base Cabinet	165.49	32.18
		For Plastic Laminate On Particle Board, Deduct	*-35.39*	
		For Economy Grade, Deduct	*-20.22*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.11*	
		For High Grade, Add	*10.11*	
		For Higher Grade, Add	*20.22*	
		For Deluxe Grade, Add	*40.45*	
		For Custom Deluxe Grade, Add	*46.89*	
		For Custom Built In Place, Add	*31.72*	
06 41 13 00-0245	EA	24" Vanity Base Cabinet	172.05	32.99
		For Plastic Laminate On Particle Board, Deduct	*-37.12*	
		For Economy Grade, Deduct	*-21.21*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.61*	
		For High Grade, Add	*10.61*	
		For Higher Grade, Add	*21.21*	
		For Deluxe Grade, Add	*42.42*	
		For Custom Deluxe Grade, Add	*49.02*	
		For Custom Built In Place, Add	*33.11*	
06 41 13 00-0246	EA	24" Vanity Base Cabinet, 2 Drawer	179.45	32.99
		For Plastic Laminate On Particle Board, Deduct	*-39.71*	
		For Economy Grade, Deduct	*-22.69*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.35*	
		For High Grade, Add	*11.35*	
		For Higher Grade, Add	*22.69*	
		For Deluxe Grade, Add	*45.38*	
		For Custom Deluxe Grade, Add	*51.98*	
		For Custom Built In Place, Add	*34.96*	
06 41 13 00-0247	EA	27" Vanity Base Cabinet	191.33	34.62
		For Plastic Laminate On Particle Board, Deduct	*-42.73*	
		For Economy Grade, Deduct	*-24.42*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.21*	
		For High Grade, Add	*12.21*	
		For Higher Grade, Add	*24.42*	
		For Deluxe Grade, Add	*48.83*	
		For Custom Deluxe Grade, Add	*55.76*	
		For Custom Built In Place, Add	*37.45*	
06 41 13 00-0248	EA	30" Vanity Base Cabinet	213.06	37.47
		For Plastic Laminate On Particle Board, Deduct	*-48.34*	
		For Economy Grade, Deduct	*-27.62*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.81*	
		For High Grade, Add	*13.81*	
		For Higher Grade, Add	*27.62*	
		For Deluxe Grade, Add	*55.24*	
		For Custom Deluxe Grade, Add	*62.74*	
		For Custom Built In Place, Add	*42.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0249	EA	33" Vanity Base Cabinet	227.86	37.47
		For Plastic Laminate On Particle Board, Deduct	*-53.52*	
		For Economy Grade, Deduct	*-30.58*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.29*	
		For High Grade, Add	*15.29*	
		For Higher Grade, Add	*30.58*	
		For Deluxe Grade, Add	*61.16*	
		For Custom Deluxe Grade, Add	*68.66*	
		For Custom Built In Place, Add	*45.72*	
06 41 13 00-0250	EA	36" Vanity Base Cabinet	246.31	39.91
		For Plastic Laminate On Particle Board, Deduct	*-58.26*	
		For Economy Grade, Deduct	*-33.29*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.65*	
		For High Grade, Add	*16.65*	
		For Higher Grade, Add	*33.29*	
		For Deluxe Grade, Add	*66.59*	
		For Custom Deluxe Grade, Add	*74.57*	
		For Custom Built In Place, Add	*49.60*	
06 41 13 00-0251	EA	24" x 36" x 8" Toilet Topper	193.55	25.26
		For Plastic Laminate On Particle Board, Deduct	*-50.06*	
		For Economy Grade, Deduct	*-28.61*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.30*	
		For High Grade, Add	*14.30*	
		For Higher Grade, Add	*28.61*	
		For Deluxe Grade, Add	*57.22*	
		For Custom Deluxe Grade, Add	*62.27*	
		For Custom Built In Place, Add	*40.81*	
06 41 13 00-0252	EA	18" x 16" Full Height Vanity	136.78	28.92
		For Plastic Laminate On Particle Board, Deduct	*-27.62*	
		For Economy Grade, Deduct	*-15.78*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-7.89*	
		For High Grade, Add	*7.89*	
		For Higher Grade, Add	*15.78*	
		For Deluxe Grade, Add	*31.57*	
		For Custom Deluxe Grade, Add	*37.35*	
		For Custom Built In Place, Add	*25.52*	
06 41 13 00-0253	EA	54" Combo Vanity For 2 Sinks	305.72	50.51
		For Plastic Laminate On Particle Board, Deduct	*-71.65*	
		For Economy Grade, Deduct	*-40.94*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.47*	
		For High Grade, Add	*20.47*	
		For Higher Grade, Add	*40.94*	
		For Deluxe Grade, Add	*81.88*	
		For Custom Deluxe Grade, Add	*91.98*	
		For Custom Built In Place, Add	*61.28*	
06 41 13 00-0254	EA	60" Combo Vanity For 2 Sinks	322.09	54.99
		For Plastic Laminate On Particle Board, Deduct	*-74.24*	
		For Economy Grade, Deduct	*-42.42*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-21.21*	
		For High Grade, Add	*21.21*	
		For Higher Grade, Add	*42.42*	
		For Deluxe Grade, Add	*84.84*	
		For Custom Deluxe Grade, Add	*95.84*	
		For Custom Built In Place, Add	*64.02*	
06 41 13 00-0255	EA	48" Combo Vanity With Drawer Base Each End	354.29	47.65
		For Plastic Laminate On Particle Board, Deduct	*-90.64*	
		For Economy Grade, Deduct	*-51.79*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-25.90*	
		For High Grade, Add	*25.90*	
		For Higher Grade, Add	*51.79*	
		For Deluxe Grade, Add	*103.58*	
		For Custom Deluxe Grade, Add	*113.12*	
		For Custom Built In Place, Add	*74.27*	
06 41 13 00-0256	EA	54" Combo Vanity With Drawer Base Each End	374.78	50.51
		For Plastic Laminate On Particle Board, Deduct	*-95.82*	
		For Economy Grade, Deduct	*-54.75*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.38*	
		For High Grade, Add	*27.38*	
		For Higher Grade, Add	*54.75*	
		For Deluxe Grade, Add	*109.50*	
		For Custom Deluxe Grade, Add	*119.61*	
		For Custom Built In Place, Add	*78.54*	
06 41 13 00-0257	EA	60" Combo Vanity With Drawer Base Each End	403.49	53.77
		For Plastic Laminate On Particle Board, Deduct	*-103.58*	
		For Economy Grade, Deduct	*-59.19*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-29.60*	
		For High Grade, Add	*29.60*	
		For Higher Grade, Add	*59.19*	
		For Deluxe Grade, Add	*118.38*	
		For Custom Deluxe Grade, Add	*129.13*	
		For Custom Built In Place, Add	*84.74*	
06 41 13 00-0258	EA	66" Combo Vanity With Drawer Base Each End	420.74	54.99
		For Plastic Laminate On Particle Board, Deduct	*-108.76*	
		For Economy Grade, Deduct	*-62.15*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-31.08*	
		For High Grade, Add	*31.08*	
		For Higher Grade, Add	*62.15*	
		For Deluxe Grade, Add	*124.30*	
		For Custom Deluxe Grade, Add	*135.30*	
		For Custom Built In Place, Add	*88.69*	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0259 EA 72" Combo Vanity With Drawer Base Each End	437.14	57.03
For Plastic Laminate On Particle Board, Deduct	*-113.08*	
For Economy Grade, Deduct	*-64.62*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.31*	
For High Grade, Add	*32.31*	
For Higher Grade, Add	*64.62*	
For Deluxe Grade, Add	*129.23*	
For Custom Deluxe Grade, Add	*140.64*	
For Custom Built In Place, Add	*92.18*	
06 41 13 00-0260 EA 6" x 30" Wall Quarter Circle Shelf	83.88	21.59
For Plastic Laminate On Particle Board, Deduct	*-14.24*	
For Economy Grade, Deduct	*-8.14*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-4.07*	
For High Grade, Add	*4.07*	
For Higher Grade, Add	*8.14*	
For Deluxe Grade, Add	*16.28*	
For Custom Deluxe Grade, Add	*20.60*	
For Custom Built In Place, Add	*14.49*	
06 41 13 00-0261 EA 6" x 52" Wall Quarter Circle Shelf	98.60	25.26
For Plastic Laminate On Particle Board, Deduct	*-16.83*	
For Economy Grade, Deduct	*-9.62*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-4.81*	
For High Grade, Add	*4.81*	
For Higher Grade, Add	*9.62*	
For Deluxe Grade, Add	*19.24*	
For Custom Deluxe Grade, Add	*24.29*	
For Custom Built In Place, Add	*17.07*	
06 41 13 00-0262 EA 12" x 96", 3/4" Utility Shelf	36.89	6.11
For Plastic Laminate On Particle Board, Deduct	*-8.63*	
For Economy Grade, Deduct	*-4.93*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-2.47*	
For High Grade, Add	*2.47*	
For Higher Grade, Add	*4.93*	
For Deluxe Grade, Add	*9.86*	
For Custom Deluxe Grade, Add	*11.09*	
For Custom Built In Place, Add	*7.39*	
06 41 13 00-0263 EA 24" x 96", 3/4" Utility Shelf	61.56	6.11
For Plastic Laminate On Particle Board, Deduct	*-17.27*	
For Economy Grade, Deduct	*-9.87*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-4.93*	
For High Grade, Add	*4.93*	
For Higher Grade, Add	*9.87*	
For Deluxe Grade, Add	*19.73*	
For Custom Deluxe Grade, Add	*20.96*	
For Custom Built In Place, Add	*13.56*	
06 41 13 00-0264 EA 9" x 9" Shelf Brace Support	31.09	8.15
For Plastic Laminate On Particle Board, Deduct	*-5.18*	
For Economy Grade, Deduct	*-2.96*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-1.48*	
For High Grade, Add	*1.48*	
For Higher Grade, Add	*2.96*	
For Deluxe Grade, Add	*5.92*	
For Custom Deluxe Grade, Add	*7.55*	
For Custom Built In Place, Add	*5.33*	
06 41 13 00-0265 EA 24" Wall Decorator End Panels	47.12	8.15
For Plastic Laminate On Particle Board, Deduct	*-10.79*	
For Economy Grade, Deduct	*-6.17*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-3.08*	
For High Grade, Add	*3.08*	
For Higher Grade, Add	*6.17*	
For Deluxe Grade, Add	*12.33*	
For Custom Deluxe Grade, Add	*13.96*	
For Custom Built In Place, Add	*9.34*	
06 41 13 00-0266 EA 30" Wall Decorator End Panels	48.75	8.97
For Plastic Laminate On Particle Board, Deduct	*-10.79*	
For Economy Grade, Deduct	*-6.17*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-3.08*	
For High Grade, Add	*3.08*	
For Higher Grade, Add	*6.17*	
For Deluxe Grade, Add	*12.33*	
For Custom Deluxe Grade, Add	*14.12*	
For Custom Built In Place, Add	*9.50*	
06 41 13 00-0267 EA 42" Wall Decorator End Panels	57.35	10.18
For Plastic Laminate On Particle Board, Deduct	*-12.95*	
For Economy Grade, Deduct	*-7.40*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-3.70*	
For High Grade, Add	*3.70*	
For Higher Grade, Add	*7.40*	
For Deluxe Grade, Add	*14.80*	
For Custom Deluxe Grade, Add	*16.83*	
For Custom Built In Place, Add	*11.28*	
06 41 13 00-0268 EA 24" Wine Glass Stem Holder	42.88	15.89
For Plastic Laminate On Particle Board, Deduct	*-3.89*	
For Economy Grade, Deduct	*-2.22*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-1.11*	
For High Grade, Add	*1.11*	
For Higher Grade, Add	*2.22*	
For Deluxe Grade, Add	*4.44*	
For Custom Deluxe Grade, Add	*7.62*	
For Custom Built In Place, Add	*5.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0269	EA	30" Wine Glass Stem Holder	77.79	16.70
		For Plastic Laminate On Particle Board, Deduct	*-15.54*	
		For Economy Grade, Deduct	*-8.88*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-4.44*	
		For High Grade, Add	*4.44*	
		For Higher Grade, Add	*8.88*	
		For Deluxe Grade, Add	*17.76*	
		For Custom Deluxe Grade, Add	*21.10*	
		For Custom Built In Place, Add	*14.44*	
06 41 13 00-0270	EA	36" Wine Glass Stem Holder	79.42	17.52
		For Plastic Laminate On Particle Board, Deduct	*-15.54*	
		For Economy Grade, Deduct	*-8.88*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-4.44*	
		For High Grade, Add	*4.44*	
		For Higher Grade, Add	*8.88*	
		For Deluxe Grade, Add	*17.76*	
		For Custom Deluxe Grade, Add	*21.26*	
		For Custom Built In Place, Add	*14.60*	
06 41 13 00-0271	EA	36" Scalloped Valance	27.39	8.15
		For Plastic Laminate On Particle Board, Deduct	*-3.89*	
		For Economy Grade, Deduct	*-2.22*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-1.11*	
		For High Grade, Add	*1.11*	
		For Higher Grade, Add	*2.22*	
		For Deluxe Grade, Add	*4.44*	
		For Custom Deluxe Grade, Add	*6.07*	
		For Custom Built In Place, Add	*4.40*	
06 41 13 00-0272	EA	48" Scalloped Valance	29.85	8.15
		For Plastic Laminate On Particle Board, Deduct	*-4.75*	
		For Economy Grade, Deduct	*-2.71*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-1.36*	
		For High Grade, Add	*1.36*	
		For Higher Grade, Add	*2.71*	
		For Deluxe Grade, Add	*5.42*	
		For Custom Deluxe Grade, Add	*7.05*	
		For Custom Built In Place, Add	*5.02*	
06 41 13 00-0273	EA	60" Scalloped Valance	36.02	8.15
		For Plastic Laminate On Particle Board, Deduct	*-6.91*	
		For Economy Grade, Deduct	*-3.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-1.97*	
		For High Grade, Add	*1.97*	
		For Higher Grade, Add	*3.95*	
		For Deluxe Grade, Add	*7.89*	
		For Custom Deluxe Grade, Add	*9.52*	
		For Custom Built In Place, Add	*6.56*	
06 41 13 00-0274	EA	72" Scalloped Valance	43.42	8.15
		For Plastic Laminate On Particle Board, Deduct	*-9.50*	
		For Economy Grade, Deduct	*-5.43*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-2.71*	
		For High Grade, Add	*2.71*	
		For Higher Grade, Add	*5.43*	
		For Deluxe Grade, Add	*10.85*	
		For Custom Deluxe Grade, Add	*12.48*	
		For Custom Built In Place, Add	*8.41*	
06 41 13 00-0275	EA	36" Straight Valance	27.39	8.15
		For Plastic Laminate On Particle Board, Deduct	*-3.89*	
		For Economy Grade, Deduct	*-2.22*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-1.11*	
		For High Grade, Add	*1.11*	
		For Higher Grade, Add	*2.22*	
		For Deluxe Grade, Add	*4.44*	
		For Custom Deluxe Grade, Add	*6.07*	
		For Custom Built In Place, Add	*4.40*	
06 41 13 00-0276	EA	48" Straight Valance	29.85	8.15
		For Plastic Laminate On Particle Board, Deduct	*-4.75*	
		For Economy Grade, Deduct	*-2.71*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-1.36*	
		For High Grade, Add	*1.36*	
		For Higher Grade, Add	*2.71*	
		For Deluxe Grade, Add	*5.42*	
		For Custom Deluxe Grade, Add	*7.05*	
		For Custom Built In Place, Add	*5.02*	
06 41 13 00-0277	EA	60" Straight Valance	36.02	8.15
		For Plastic Laminate On Particle Board, Deduct	*-6.91*	
		For Economy Grade, Deduct	*-3.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-1.97*	
		For High Grade, Add	*1.97*	
		For Higher Grade, Add	*3.95*	
		For Deluxe Grade, Add	*7.89*	
		For Custom Deluxe Grade, Add	*9.52*	
		For Custom Built In Place, Add	*6.56*	
06 41 13 00-0278	EA	72" Straight Valance	43.42	8.15
		For Plastic Laminate On Particle Board, Deduct	*-9.50*	
		For Economy Grade, Deduct	*-5.43*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-2.71*	
		For High Grade, Add	*2.71*	
		For Higher Grade, Add	*5.43*	
		For Deluxe Grade, Add	*10.85*	
		For Custom Deluxe Grade, Add	*12.48*	
		For Custom Built In Place, Add	*8.41*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0279		Base Cabinets *(06 41 13)* Note: Excludes tops or finish.		
06 41 13 00-0280		Base Cabinets, Single Drawer And Single Door *(06 41 13 00-0279)*		
06 41 13 00-0281		Base Cabinets 34-1/2" High x 24" Deep *(06 41 13 00-0280)*		
06 41 13 00-0282	EA	Up To 15" Width, 34-1/2" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	262.03	46.45
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*39.16*	
		For 3 Drawer Unit, Add	*78.32*	
		For 4 Drawer Unit, Add	*97.90*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-39.16*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.58*	
		For Economy Grade, Deduct	*-78.32*	
		For Premium Grade, Add	*97.90*	
		For Hospital Grade, Add	*127.27*	
		For Unfinished (Natural, Wood), Deduct	*-29.37*	
06 41 13 00-0283	EA	>15" To 18" Width, 34-1/2" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	290.54	57.05
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*41.86*	
		For 3 Drawer Unit, Add	*83.72*	
		For 4 Drawer Unit, Add	*104.65*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-41.86*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.93*	
		For Economy Grade, Deduct	*-83.72*	
		For Premium Grade, Add	*104.65*	
		For Hospital Grade, Add	*136.05*	
		For Unfinished (Natural, Wood), Deduct	*-31.40*	
06 41 13 00-0284	EA	>18" To 21" Width, 34-1/2" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	312.34	65.20
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*43.89*	
		For 3 Drawer Unit, Add	*87.77*	
		For 4 Drawer Unit, Add	*109.72*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-43.89*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-21.94*	
		For Economy Grade, Deduct	*-87.77*	
		For Premium Grade, Add	*109.72*	
		For Hospital Grade, Add	*142.63*	
		For Unfinished (Natural, Wood), Deduct	*-32.91*	
06 41 13 00-0285	EA	>21" To 24" Width, 34-1/2" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	358.04	75.80
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*50.01*	
		For 3 Drawer Unit, Add	*100.02*	
		For 4 Drawer Unit, Add	*125.03*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-50.01*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-25.01*	
		For Economy Grade, Deduct	*-100.02*	
		For Premium Grade, Add	*125.03*	
		For Hospital Grade, Add	*162.54*	
		For Unfinished (Natural, Wood), Deduct	*-37.51*	
06 41 13 00-0286		Base Cabinets 30" High x 24" Deep *(06 41 13 00-0280)*		
06 41 13 00-0287	EA	Up To 15" Width, 30" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	232.66	46.45
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*33.29*	
		For 3 Drawer Unit, Add	*66.57*	
		For 4 Drawer Unit, Add	*83.22*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-33.29*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.64*	
		For Economy Grade, Deduct	*-66.57*	
		For Premium Grade, Add	*83.22*	
		For Hospital Grade, Add	*108.18*	
		For Unfinished (Natural, Wood), Deduct	*-24.96*	
06 41 13 00-0288	EA	>15" To 18" Width, 30" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	259.15	57.05
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*35.58*	
		For 3 Drawer Unit, Add	*71.16*	
		For 4 Drawer Unit, Add	*88.96*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-35.58*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.79*	
		For Economy Grade, Deduct	*-71.16*	
		For Premium Grade, Add	*88.96*	
		For Hospital Grade, Add	*115.64*	
		For Unfinished (Natural, Wood), Deduct	*-26.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0289	EA	>18" To 21" Width, 30" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	279.42	65.20
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*37.30*	
		For 3 Drawer Unit, Add	*74.60*	
		For 4 Drawer Unit, Add	*93.26*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-37.30*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.65*	
		For Economy Grade, Deduct	*-74.60*	
		For Premium Grade, Add	*93.26*	
		For Hospital Grade, Add	*121.23*	
		For Unfinished (Natural, Wood), Deduct	*-27.98*	
06 41 13 00-0290	EA	>21" To 24" Width, 30" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	320.53	74.98
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*42.51*	
		For 3 Drawer Unit, Add	*85.02*	
		For 4 Drawer Unit, Add	*106.28*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-42.51*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-21.26*	
		For Economy Grade, Deduct	*-85.02*	
		For Premium Grade, Add	*106.28*	
		For Hospital Grade, Add	*138.16*	
		For Unfinished (Natural, Wood), Deduct	*-31.88*	

06 41 13 00-0291 Base Cabinets 34-1/2" High x 24" Deep, Custom Built In Place *(06 41 13 00-0280)*

06 41 13 00-0292	LF	Up To 15" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	239.76	57.87
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*31.33*	
		For 3 Drawer Unit, Add	*62.66*	
		For 4 Drawer Unit, Add	*78.32*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-31.33*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.66*	
		For Economy Grade, Deduct	*-62.66*	
		For Premium Grade, Add	*78.32*	
		For Hospital Grade, Add	*101.82*	
		For Unfinished (Natural, Wood), Deduct	*-23.50*	
06 41 13 00-0293	LF	>15" To 18" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	220.22	56.24
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*27.91*	
		For 3 Drawer Unit, Add	*55.81*	
		For 4 Drawer Unit, Add	*69.77*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-27.91*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.95*	
		For Economy Grade, Deduct	*-55.81*	
		For Premium Grade, Add	*69.77*	
		For Hospital Grade, Add	*90.69*	
		For Unfinished (Natural, Wood), Deduct	*-20.93*	
06 41 13 00-0294	LF	>18" To 24" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	203.63	54.61
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*25.08*	
		For 3 Drawer Unit, Add	*50.16*	
		For 4 Drawer Unit, Add	*62.70*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-25.08*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.54*	
		For Economy Grade, Deduct	*-50.16*	
		For Premium Grade, Add	*62.70*	
		For Hospital Grade, Add	*81.50*	
		For Unfinished (Natural, Wood), Deduct	*-18.81*	
06 41 13 00-0295	LF	>24" To 30" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	187.94	52.16
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*22.59*	
		For 3 Drawer Unit, Add	*45.18*	
		For 4 Drawer Unit, Add	*56.48*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-22.59*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.30*	
		For Economy Grade, Deduct	*-45.18*	
		For Premium Grade, Add	*56.48*	
		For Hospital Grade, Add	*73.42*	
		For Unfinished (Natural, Wood), Deduct	*-16.94*	

06 41 13 00-0296 Base Cabinets, Double Drawer And Double Door *(06 41 13 00-0279)*

06 41 13 00-0297 34-1/2" High x 24" Deep *(06 41 13 00-0296)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0298	EA	24" To 27" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet	419.51	62.35
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*58.96*	
		For Plastic Laminate On Particle Board, Deduct	*-58.96*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-29.48*	
		For Economy Grade, Deduct	*-117.93*	
		For Premium Grade, Add	*147.41*	
		For Hospital Grade, Add	*191.63*	
		For Unfinished (Natural, Wood), Deduct	*-44.22*	
		For 3 Drawer Unit, Add	*29.48*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-44.22*	
06 41 13 00-0299	EA	>27"-30" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet	447.48	66.83
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*62.77*	
		For Plastic Laminate On Particle Board, Deduct	*-62.77*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-31.38*	
		For Economy Grade, Deduct	*-125.53*	
		For Premium Grade, Add	*156.92*	
		For Hospital Grade, Add	*203.99*	
		For Unfinished (Natural, Wood), Deduct	*-47.07*	
		For 3 Drawer Unit, Add	*31.38*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-47.07*	
06 41 13 00-0300	EA	>30"-33" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet	465.49	68.46
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*65.72*	
		For Plastic Laminate On Particle Board, Deduct	*-65.72*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.86*	
		For Economy Grade, Deduct	*-131.43*	
		For Premium Grade, Add	*164.29*	
		For Hospital Grade, Add	*213.58*	
		For Unfinished (Natural, Wood), Deduct	*-49.29*	
		For 3 Drawer Unit, Add	*32.86*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-49.29*	
06 41 13 00-0301	EA	>33"-36" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet	477.76	70.09
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*67.52*	
		For Plastic Laminate On Particle Board, Deduct	*-67.52*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-33.76*	
		For Economy Grade, Deduct	*-135.03*	
		For Premium Grade, Add	*168.79*	
		For Hospital Grade, Add	*219.43*	
		For Unfinished (Natural, Wood), Deduct	*-50.64*	
		For 3 Drawer Unit, Add	*33.76*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-50.64*	
06 41 13 00-0302	EA	>36"-42" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet	511.67	75.80
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*72.02*	
		For Plastic Laminate On Particle Board, Deduct	*-72.02*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-36.01*	
		For Economy Grade, Deduct	*-144.04*	
		For Premium Grade, Add	*180.05*	
		For Hospital Grade, Add	*234.06*	
		For Unfinished (Natural, Wood), Deduct	*-54.01*	
		For 3 Drawer Unit, Add	*36.01*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-54.01*	
06 41 13 00-0303	EA	>42"-48" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet	548.13	85.57
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*75.39*	
		For Plastic Laminate On Particle Board, Deduct	*-75.39*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-37.70*	
		For Economy Grade, Deduct	*-150.79*	
		For Premium Grade, Add	*188.49*	
		For Hospital Grade, Add	*245.03*	
		For Unfinished (Natural, Wood), Deduct	*-56.55*	
		For 3 Drawer Unit, Add	*37.70*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-56.55*	

06 41 13 00-0304 30" High x 24" Deep *(06 41 13 00-0296)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0305	EA	24" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	294.98	84.43
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*34.76*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-34.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.38*	
		For Economy Grade, Deduct	*-69.51*	
		For Premium Grade, Add	*86.89*	
		For Hospital Grade, Add	*112.96*	
		For Unfinished (Natural, Wood), Deduct	*-26.07*	
		For 3 Drawer Unit, Add	*17.38*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-26.07*	
06 41 13 00-0306	EA	30" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	412.98	94.13
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*55.88*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-55.88*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.94*	
		For Economy Grade, Deduct	*-111.75*	
		For Premium Grade, Add	*139.69*	
		For Hospital Grade, Add	*181.60*	
		For Unfinished (Natural, Wood), Deduct	*-41.91*	
		For 3 Drawer Unit, Add	*27.94*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-41.91*	
06 41 13 00-0307	EA	36" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	475.38	97.56
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*66.97*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-66.97*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-33.49*	
		For Economy Grade, Deduct	*-133.94*	
		For Premium Grade, Add	*167.43*	
		For Hospital Grade, Add	*217.66*	
		For Unfinished (Natural, Wood), Deduct	*-50.23*	
		For 3 Drawer Unit, Add	*33.49*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-50.23*	
06 41 13 00-0308	EA	42" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	565.51	106.11
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*82.78*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-82.78*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-41.39*	
		For Economy Grade, Deduct	*-165.56*	
		For Premium Grade, Add	*206.96*	
		For Hospital Grade, Add	*269.04*	
		For Unfinished (Natural, Wood), Deduct	*-62.09*	
		For 3 Drawer Unit, Add	*41.39*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-62.09*	
06 41 13 00-0309	EA	48" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	641.54	119.80
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*94.08*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-94.08*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-47.04*	
		For Economy Grade, Deduct	*-188.16*	
		For Premium Grade, Add	*235.20*	
		For Hospital Grade, Add	*305.76*	
		For Unfinished (Natural, Wood), Deduct	*-70.56*	
		For 3 Drawer Unit, Add	*47.04*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-70.56*	

06 41 13 00-0310 34-1/2" High x 24" Deep, Custom Built In Place *(06 41 13 00-0296)*

06 41 13 00-0311	LF	24" To 30" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	205.40	56.24
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*25.11*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-25.11*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.55*	
		For Economy Grade, Deduct	*-50.21*	
		For Premium Grade, Add	*62.77*	
		For Hospital Grade, Add	*81.59*	
		For Unfinished (Natural, Wood), Deduct	*-18.83*	
		For 3 Drawer Unit, Add	*12.55*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-18.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0312	LF	>30" To 36" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet	186.00	51.35
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*22.53*	
		For Plastic Laminate On Particle Board, Deduct	*-22.53*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.27*	
		For Economy Grade, Deduct	*-45.06*	
		For Premium Grade, Add	*56.33*	
		For Hospital Grade, Add	*73.22*	
		For Unfinished (Natural, Wood), Deduct	*-16.90*	
		For 3 Drawer Unit, Add	*11.27*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-16.90*	
06 41 13 00-0313	LF	>36" To 42" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet	171.36	48.08
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*20.58*	
		For Plastic Laminate On Particle Board, Deduct	*-20.58*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.29*	
		For Economy Grade, Deduct	*-41.16*	
		For Premium Grade, Add	*51.45*	
		For Hospital Grade, Add	*66.89*	
		For Unfinished (Natural, Wood), Deduct	*-15.44*	
		For 3 Drawer Unit, Add	*10.29*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-15.44*	
06 41 13 00-0314	LF	>42" To 48" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet	159.47	45.64
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*18.85*	
		For Plastic Laminate On Particle Board, Deduct	*-18.85*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.43*	
		For Economy Grade, Deduct	*-37.71*	
		For Premium Grade, Add	*47.14*	
		For Hospital Grade, Add	*61.28*	
		For Unfinished (Natural, Wood), Deduct	*-14.14*	
		For 3 Drawer Unit, Add	*9.43*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-14.14*	
06 41 13 00-0315		Vanity Bases *(06 41 13 00-0279)*		
06 41 13 00-0316	EA	30" High x 21" Deep x 24" Wide Vanity Bases, 2 Door	330.00	60.64
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*41.76*	
		For Plastic Laminate On Particle Board, Deduct	*-41.76*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.88*	
		For Economy Grade, Deduct	*-83.52*	
		For Premium Grade, Add	*104.40*	
		For Hospital Grade, Add	*135.72*	
		For Unfinished (Natural, Wood), Deduct	*-31.32*	
06 41 13 00-0317	EA	30" High x 21" Deep x 30" Wide Vanity Bases, 2 Door	373.66	67.48
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*48.01*	
		For Plastic Laminate On Particle Board, Deduct	*-48.01*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.01*	
		For Economy Grade, Deduct	*-96.02*	
		For Premium Grade, Add	*120.03*	
		For Hospital Grade, Add	*156.04*	
		For Unfinished (Natural, Wood), Deduct	*-36.01*	
06 41 13 00-0318	EA	30" High x 21" Deep x 36" Wide Vanity Bases, 2 Door	461.85	70.25
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*64.27*	
		For Plastic Laminate On Particle Board, Deduct	*-64.27*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.13*	
		For Economy Grade, Deduct	*-128.53*	
		For Premium Grade, Add	*160.67*	
		For Hospital Grade, Add	*208.86*	
		For Unfinished (Natural, Wood), Deduct	*-48.20*	
06 41 13 00-0319	EA	30" High x 21" Deep x 48" Wide Vanity Bases, 2 Door	552.41	85.57
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*76.27*	
		For Plastic Laminate On Particle Board, Deduct	*-76.27*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-38.13*	
		For Economy Grade, Deduct	*-152.54*	
		For Premium Grade, Add	*190.67*	
		For Hospital Grade, Add	*247.87*	
		For Unfinished (Natural, Wood), Deduct	*-57.20*	
06 41 13 00-0320		Wall Cabinets *(06 41 13)*		
06 41 13 00-0321		Wall Cabinets 36" High x 13" Deep *(06 41 13 00-0320)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0322		**Single Door Type Units** *(06 41 13 00-0321)*		
06 41 13 00-0323	EA	Up To 15" Wide, 36" High x 13" Deep Single Door Wall Cabinet	225.43	58.68
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-30.42*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.21*	
		For Economy Grade, Deduct	*-60.84*	
		For Premium Grade, Add	*76.05*	
		For Hospital Grade, Add	*98.86*	
		For Unfinished (Natural, Wood), Deduct	*-22.81*	
06 41 13 00-0324	EA	>15" To 18" Wide, 36" High x 13" Deep Single Door Wall Cabinet	252.20	59.90
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-35.46*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.73*	
		For Economy Grade, Deduct	*-70.92*	
		For Premium Grade, Add	*88.65*	
		For Hospital Grade, Add	*115.24*	
		For Unfinished (Natural, Wood), Deduct	*-26.59*	
06 41 13 00-0325	EA	>18" To 24" Wide, 36" High x 13" Deep Single Door Wall Cabinet	280.12	61.93
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-40.51*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.26*	
		For Economy Grade, Deduct	*-81.02*	
		For Premium Grade, Add	*101.28*	
		For Hospital Grade, Add	*131.66*	
		For Unfinished (Natural, Wood), Deduct	*-30.38*	
06 41 13 00-0326	EA	>24" To 30" Wide, 36" High x 13" Deep Single Door Wall Cabinet	327.20	66.83
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-48.61*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.31*	
		For Economy Grade, Deduct	*-97.22*	
		For Premium Grade, Add	*121.53*	
		For Hospital Grade, Add	*157.99*	
		For Unfinished (Natural, Wood), Deduct	*-36.46*	
06 41 13 00-0327		**Double Door Type Units** *(06 41 13 00-0321)*		
06 41 13 00-0328	EA	Up To 24" Wide, 36" High x 13" Deep Double Door Wall Cabinet	289.38	68.46
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-40.57*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.29*	
		For Economy Grade, Deduct	*-81.14*	
		For Premium Grade, Add	*101.43*	
		For Hospital Grade, Add	*131.85*	
		For Unfinished (Natural, Wood), Deduct	*-30.43*	
06 41 13 00-0329	EA	>24" To 30" Wide, 36" High x 13" Deep Double Door Wall Cabinet	339.05	74.98
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-49.15*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.58*	
		For Economy Grade, Deduct	*-98.30*	
		For Premium Grade, Add	*122.88*	
		For Hospital Grade, Add	*159.74*	
		For Unfinished (Natural, Wood), Deduct	*-36.86*	
06 41 13 00-0330	EA	>30" To 36" Wide, 36" High x 13" Deep Double Door Wall Cabinet	376.51	76.61
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-56.17*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.09*	
		For Economy Grade, Deduct	*-112.35*	
		For Premium Grade, Add	*140.44*	
		For Hospital Grade, Add	*182.57*	
		For Unfinished (Natural, Wood), Deduct	*-42.13*	
06 41 13 00-0331	EA	>36" To 42" Wide, 36" High x 13" Deep Double Door Wall Cabinet	407.38	79.46
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-61.57*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-30.79*	
		For Economy Grade, Deduct	*-123.15*	
		For Premium Grade, Add	*153.94*	
		For Hospital Grade, Add	*200.12*	
		For Unfinished (Natural, Wood), Deduct	*-46.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0332	EA	>42" To 48" Wide, 36" High x 13" Deep Double Door Wall Cabinet	451.52	83.12
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-69.41*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-34.70*	
		For Economy Grade, Deduct	*-138.81*	
		For Premium Grade, Add	*173.52*	
		For Hospital Grade, Add	*225.57*	
		For Unfinished (Natural, Wood), Deduct	*-52.05*	

06 41 13 00-0333 Wall Cabinets 30" High x 13" Deep *(06 41 13 00-0320)*

06 41 13 00-0334 Single Door Type Units *(06 41 13 00-0333)*

06 41 13 00-0335	EA	Up To 12" Wide, 30" High x 13" Deep Single Door Wall Cabinet	177.91	46.35
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-23.86*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.93*	
		For Economy Grade, Deduct	*-47.71*	
		For Premium Grade, Add	*59.64*	
		For Hospital Grade, Add	*77.53*	
		For Unfinished (Natural, Wood), Deduct	*-17.89*	
06 41 13 00-0336	EA	>12" To 15" Wide, 30" High x 13" Deep Single Door Wall Cabinet	200.65	48.35
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-27.91*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.95*	
		For Economy Grade, Deduct	*-55.81*	
		For Premium Grade, Add	*69.77*	
		For Hospital Grade, Add	*90.69*	
		For Unfinished (Natural, Wood), Deduct	*-20.93*	
06 41 13 00-0337	EA	>15" To 18" Wide, 30" High x 13" Deep Single Door Wall Cabinet	216.60	49.37
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-30.83*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.42*	
		For Economy Grade, Deduct	*-61.66*	
		For Premium Grade, Add	*77.08*	
		For Hospital Grade, Add	*100.20*	
		For Unfinished (Natural, Wood), Deduct	*-23.12*	
06 41 13 00-0338	EA	>18" To 24" Wide, 30" High x 13" Deep Single Door Wall Cabinet	233.43	51.12
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-33.76*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.88*	
		For Economy Grade, Deduct	*-67.52*	
		For Premium Grade, Add	*84.40*	
		For Hospital Grade, Add	*109.71*	
		For Unfinished (Natural, Wood), Deduct	*-25.32*	

06 41 13 00-0339 Double Door Type Units *(06 41 13 00-0333)*

06 41 13 00-0340	EA	Up To 27" Wide, 30" High x 13" Deep Double Door Wall Cabinet	256.18	52.21
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-38.03*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.02*	
		For Economy Grade, Deduct	*-76.07*	
		For Premium Grade, Add	*95.09*	
		For Hospital Grade, Add	*123.61*	
		For Unfinished (Natural, Wood), Deduct	*-28.53*	
06 41 13 00-0341	EA	>27" To 30" Wide, 30" High x 13" Deep Double Door Wall Cabinet	272.44	53.50
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-40.96*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.48*	
		For Economy Grade, Deduct	*-81.92*	
		For Premium Grade, Add	*102.40*	
		For Hospital Grade, Add	*133.12*	
		For Unfinished (Natural, Wood), Deduct	*-30.72*	
06 41 13 00-0342	EA	>30" To 36" Wide, 30" High x 13" Deep Double Door Wall Cabinet	303.33	54.79
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-46.81*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.41*	
		For Economy Grade, Deduct	*-93.62*	
		For Premium Grade, Add	*117.03*	
		For Hospital Grade, Add	*152.14*	
		For Unfinished (Natural, Wood), Deduct	*-35.11*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0343	EA	>36" To 42" Wide, 30" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	327.46	56.07
		For Plastic Laminate On Particle Board, Deduct	*-51.31*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-25.66*	
		For Economy Grade, Deduct	*-102.62*	
		For Premium Grade, Add	*128.28*	
		For Hospital Grade, Add	*166.76*	
		For Unfinished (Natural, Wood), Deduct	*-38.48*	
06 41 13 00-0344	EA	>42" To 48" Wide, 30" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	360.91	56.72
		For Plastic Laminate On Particle Board, Deduct	*-57.84*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.92*	
		For Economy Grade, Deduct	*-115.68*	
		For Premium Grade, Add	*144.60*	
		For Hospital Grade, Add	*187.97*	
		For Unfinished (Natural, Wood), Deduct	*-43.38*	
06 41 13 00-0345		Wall Cabinets 24" High x 13" Deep *(06 41 13 00-0320)*		
06 41 13 00-0346		Double Door Type Units *(06 41 13 00-0345)*		
06 41 13 00-0347	EA	Up To 24" Wide, 24" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	224.62	42.38
		For Plastic Laminate On Particle Board, Deduct	*-34.21*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.10*	
		For Economy Grade, Deduct	*-68.42*	
		For Premium Grade, Add	*85.52*	
		For Hospital Grade, Add	*111.18*	
		For Unfinished (Natural, Wood), Deduct	*-25.66*	
06 41 13 00-0348	EA	>24" To 30" Wide, 24" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	239.66	44.42
		For Plastic Laminate On Particle Board, Deduct	*-36.68*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.34*	
		For Economy Grade, Deduct	*-73.37*	
		For Premium Grade, Add	*91.71*	
		For Hospital Grade, Add	*119.22*	
		For Unfinished (Natural, Wood), Deduct	*-27.51*	
06 41 13 00-0349	EA	>30" To 36" Wide, 24" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	260.35	45.72
		For Plastic Laminate On Particle Board, Deduct	*-40.51*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.26*	
		For Economy Grade, Deduct	*-81.02*	
		For Premium Grade, Add	*101.28*	
		For Hospital Grade, Add	*131.66*	
		For Unfinished (Natural, Wood), Deduct	*-30.38*	
06 41 13 00-0350	EA	>36" To 42" Wide, 24" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	282.60	46.45
		For Plastic Laminate On Particle Board, Deduct	*-44.79*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.39*	
		For Economy Grade, Deduct	*-89.57*	
		For Premium Grade, Add	*111.97*	
		For Hospital Grade, Add	*145.55*	
		For Unfinished (Natural, Wood), Deduct	*-33.59*	
06 41 13 00-0351		Wall Cabinets 15" High x 13" Deep *(06 41 13 00-0320)*		
06 41 13 00-0352		Double Door Type Units *(06 41 13 00-0351)*		
06 41 13 00-0353	EA	Up To 24" Wide, 15" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	199.00	37.24
		For Plastic Laminate On Particle Board, Deduct	*-30.38*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.19*	
		For Economy Grade, Deduct	*-60.76*	
		For Premium Grade, Add	*75.96*	
		For Hospital Grade, Add	*98.74*	
		For Unfinished (Natural, Wood), Deduct	*-22.79*	
06 41 13 00-0354	EA	>24" To 30" Wide, 15" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	210.32	39.93
		For Plastic Laminate On Particle Board, Deduct	*-31.96*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.98*	
		For Economy Grade, Deduct	*-63.92*	
		For Premium Grade, Add	*79.90*	
		For Hospital Grade, Add	*103.86*	
		For Unfinished (Natural, Wood), Deduct	*-23.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0355	EA	>30" To 36" Wide, 15" High x 13" Deep Double Door Wall Cabinet	232.22	45.72
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-34.88*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.44*	
		For Economy Grade, Deduct	*-69.77*	
		For Premium Grade, Add	*87.21*	
		For Hospital Grade, Add	*113.37*	
		For Unfinished (Natural, Wood), Deduct	*-26.16*	
06 41 13 00-0356	EA	>36" To 42" Wide, 15" High x 13" Deep Double Door Wall Cabinet	250.27	45.72
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-38.48*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.24*	
		For Economy Grade, Deduct	*-76.97*	
		For Premium Grade, Add	*96.21*	
		For Hospital Grade, Add	*125.07*	
		For Unfinished (Natural, Wood), Deduct	*-28.86*	

06 41 13 00-0357 Wall Cabinets 12" High x 13" Deep *(06 41 13 00-0320)*

06 41 13 00-0358	EA	18" to 30" Wide, 12" High x 13" Deep Double Door Wall Cabinet	187.06	25.10
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-27.23*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.62*	
		For Economy Grade, Deduct	*-54.46*	
		For Premium Grade, Add	*68.08*	
		For Hospital Grade, Add	*88.50*	
		For Unfinished (Natural, Wood), Deduct	*-20.42*	
06 41 13 00-0359	EA	>30" Wide, 12" High x 13" Deep Double Door Wall Cabinet	217.97	18.82
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-31.96*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.98*	
		For Economy Grade, Deduct	*-63.92*	
		For Premium Grade, Add	*79.90*	
		For Hospital Grade, Add	*103.86*	
		For Unfinished (Natural, Wood), Deduct	*-23.97*	

06 41 13 00-0360 Wall Cabinets 36" High x 13" Deep, Custom Built In Place *(06 41 13 00-0320)*

06 41 13 00-0361 Single Door Type Units *(06 41 13 00-0360)*

06 41 13 00-0362	LF	Up To 15" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet	209.66	61.93
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-24.33*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.17*	
		For Economy Grade, Deduct	*-48.66*	
		For Premium Grade, Add	*60.83*	
		For Hospital Grade, Add	*79.07*	
		For Unfinished (Natural, Wood), Deduct	*-18.25*	
06 41 13 00-0363	LF	>15 To 18" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet	193.17	52.16
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-23.64*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.82*	
		For Economy Grade, Deduct	*-47.28*	
		For Premium Grade, Add	*59.10*	
		For Hospital Grade, Add	*76.82*	
		For Unfinished (Natural, Wood), Deduct	*-17.73*	
06 41 13 00-0364	LF	>18 To 24" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet	159.14	40.75
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-20.25*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.13*	
		For Economy Grade, Deduct	*-40.51*	
		For Premium Grade, Add	*50.64*	
		For Hospital Grade, Add	*65.83*	
		For Unfinished (Natural, Wood), Deduct	*-15.19*	
06 41 13 00-0365	LF	>24 To 30" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet	147.80	35.05
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-19.45*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.73*	
		For Economy Grade, Deduct	*-38.91*	
		For Premium Grade, Add	*48.64*	
		For Hospital Grade, Add	*63.23*	
		For Unfinished (Natural, Wood), Deduct	*-14.59*	

06 41 13 00-0366 Double Door Type Units *(06 41 13 00-0360)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0367	LF	Up To 24" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	166.60	45.64
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-20.28*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.14*	
		For Economy Grade, Deduct	*-40.56*	
		For Premium Grade, Add	*50.70*	
		For Hospital Grade, Add	*65.91*	
		For Unfinished (Natural, Wood), Deduct	*-15.21*	
06 41 13 00-0368	LF	>24" To 30" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	153.69	39.12
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-19.65*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.83*	
		For Economy Grade, Deduct	*-39.31*	
		For Premium Grade, Add	*49.14*	
		For Hospital Grade, Add	*63.88*	
		For Unfinished (Natural, Wood), Deduct	*-14.74*	
06 41 13 00-0369	LF	>30" To 36" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	141.70	33.42
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-18.72*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.36*	
		For Economy Grade, Deduct	*-37.45*	
		For Premium Grade, Add	*46.81*	
		For Hospital Grade, Add	*60.85*	
		For Unfinished (Natural, Wood), Deduct	*-14.04*	
06 41 13 00-0370	LF	>36" To 42" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	130.34	29.34
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-17.59*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.80*	
		For Economy Grade, Deduct	*-35.18*	
		For Premium Grade, Add	*43.98*	
		For Hospital Grade, Add	*57.17*	
		For Unfinished (Natural, Wood), Deduct	*-13.19*	
06 41 13 00-0371	LF	>42" To 48" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	125.89	27.71
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-17.35*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.68*	
		For Economy Grade, Deduct	*-34.71*	
		For Premium Grade, Add	*43.39*	
		For Hospital Grade, Add	*56.40*	
		For Unfinished (Natural, Wood), Deduct	*-13.02*	

06 41 13 00-0372 Accessories *(06 41 13)*

See CSI section 06 41 93 00-0001 for cabinet hardware, 08 71 00 00-0000 for cabinet hardware.

06 41 13 00-0373	EA	Wall Corner Cabinet With Shelving Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	304.63	91.65
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-20.19*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.10*	
		For Economy Grade, Deduct	*-40.39*	
		For Premium Grade, Add	*50.49*	
		For Hospital Grade, Add	*65.63*	
		For Unfinished (Natural, Wood), Deduct	*-15.15*	
06 41 13 00-0374	EA	Wall Lazy Susan With Cabinet Enclosure Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	417.84	73.32
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-50.98*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-25.49*	
		For Economy Grade, Deduct	*-101.96*	
		For Premium Grade, Add	*127.46*	
		For Hospital Grade, Add	*165.69*	
		For Unfinished (Natural, Wood), Deduct	*-38.24*	
06 41 13 00-0375	EA	Base Lazy Susan With Cabinet Enclosure Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	490.79	61.10
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-71.00*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-35.50*	
		For Economy Grade, Deduct	*-142.01*	
		For Premium Grade, Add	*177.51*	
		For Hospital Grade, Add	*230.76*	
		For Unfinished (Natural, Wood), Deduct	*-53.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0376	EA	Broom Cabinet	521.34	52.38
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-80.99*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-40.50*	
		For Economy Grade, Deduct	*-161.99*	
		For Premium Grade, Add	*202.49*	
		For Hospital Grade, Add	*263.23*	
		For Unfinished (Natural, Wood), Deduct	*-60.75*	
06 41 13 00-0377	EA	Base Corner Cabinet	226.02	36.65
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-30.54*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.27*	
		For Economy Grade, Deduct	*-61.08*	
		For Premium Grade, Add	*76.35*	
		For Hospital Grade, Add	*99.26*	
		For Unfinished (Natural, Wood), Deduct	*-22.91*	
06 41 13 00-0378	EA	Base Range Cabinet	212.61	30.55
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-30.30*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.15*	
		For Economy Grade, Deduct	*-60.60*	
		For Premium Grade, Add	*75.76*	
		For Hospital Grade, Add	*98.48*	
		For Unfinished (Natural, Wood), Deduct	*-22.73*	
06 41 13 00-0379	EA	Double Oven Cabinet	278.94	36.65
		Note: Prefinished with solid hardwood face frames, hardwood door frames.		
		For Plastic Laminate On Particle Board, Deduct	*-41.12*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.56*	
		For Economy Grade, Deduct	*-82.25*	
		For Premium Grade, Add	*102.81*	
		For Hospital Grade, Add	*133.65*	
		For Unfinished (Natural, Wood), Deduct	*-30.84*	
06 41 13 00-0380	EA	Microwave Cabinet	189.58	24.44
		Note: Prefinished with solid hardwood face frames, hardwood door frames.		
		For Plastic Laminate On Particle Board, Deduct	*-28.14*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.07*	
		For Economy Grade, Deduct	*-56.28*	
		For Premium Grade, Add	*70.35*	
		For Hospital Grade, Add	*91.46*	
		For Unfinished (Natural, Wood), Deduct	*-21.11*	
06 41 13 00-0381	EA	30" Flipper Door And Cabinet	246.77	46.85
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-30.62*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.31*	
		For Economy Grade, Deduct	*-61.23*	
		For Premium Grade, Add	*76.54*	
		For Hospital Grade, Add	*99.50*	
		For Unfinished (Natural, Wood), Deduct	*-22.96*	
06 41 13 00-0382	EA	36" Flipper Door And Cabinet	262.19	46.85
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-33.70*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.85*	
		For Economy Grade, Deduct	*-67.40*	
		For Premium Grade, Add	*84.25*	
		For Hospital Grade, Add	*109.53*	
		For Unfinished (Natural, Wood), Deduct	*-25.28*	
06 41 13 00-0383	EA	48" Flipper Door And Cabinet	287.77	46.85
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-38.82*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.41*	
		For Economy Grade, Deduct	*-77.63*	
		For Premium Grade, Add	*97.04*	
		For Hospital Grade, Add	*126.15*	
		For Unfinished (Natural, Wood), Deduct	*-29.11*	
06 41 13 00-0384	EA	For Keyed Lock In Door Or Drawer	37.68	
06 41 13 00-0385	SET	Tamper-Proof Screw Sets Per Panel	8.20	
06 41 13 00-0386	EA	Rehab Room Cabinets	10,852.74	
		Note: Includes 2 End Towers 1 Middle Tower With Doors And Drawers, Corian Top With Open Sides, Upper Header With Curved Section, Trim And Crown, Hospital Grade Hardware.		
06 41 13 00-0387	EA	Hoist Cabinet With Panel And Trim	3,309.61	
06 41 13 00-0388	LF	Rehab Room Vertical And Horizontal Wall Trim	35.87	
		Note: Stained And Finished		

06 41 13 00-0389 Removal And Reinstallation Of Cabinet Or Counters *(06 41 13)*

Note: Includes storage, cleaning and supply materials. Any height or width.

06 41 13 00-0390	LF	Remove And Reinstall Wood Base Cabinets	62.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0391	LF	Remove And Reinstall Wall Cabinets	54.21	
06 41 13 00-0392	LF	Remove And Reinstall Plastic Laminated Countertops	12.62	

06 41 93 Cabinet And Drawer Hardware *(06 41)*

06 41 93 00-0001 Cabinet Hardware *(06 41 93)*

Note: Includes all mounting screws.

06 41 93 00-0002	EA	Hinges, Concealed, Steel, Full Or Half Overlay, Self Closing	22.75	8.15
06 41 93 00-0003	EA	Hinges, Semi Concealed, Brass	22.89	8.15
06 41 93 00-0004	EA	Pull Handles, Solid Brass	16.53	6.93
06 41 93 00-0005	EA	Pull Knobs, Solid Brass	15.45	5.29
06 41 93 00-0006	EA	Cabinet Ball And Catch	27.20	8.15
06 41 93 00-0007	EA	Cabinet Drawer Lock For Hollow Metal Drawers	33.62	6.93
06 41 93 00-0008	EA	Door Catch	24.02	6.93
06 41 93 00-0009	EA	Surface Bolt, Solid Brass	32.81	6.93

06 42 Wood Paneling *(06 40)*

Note: Includes glue for installation.

06 42 13 Wood Board Paneling *(06 42)*

06 42 13 00-0001 Solid Wood Paneling *(06 42 13)*

06 42 13 00-0002 7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide *(06 42 13 00-0001)*

06 42 13 00-0003	SF	Homestead Cedar Paneling Tongue And Groove, 7/16"	6.61	1.71
06 42 13 00-0004	SF	Homestead Juniper Paneling Tongue And Groove, 7/16"	6.92	1.71

06 42 13 00-0005 7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide *(06 42 13 00-0001)*

06 42 13 00-0006	SF	8" Random Plank Tongue And Groove, 7/16"	9.01	1.63
06 42 13 00-0007	SF	8" Solid Plank Tongue And Groove, 7/16"	8.37	1.63

06 42 13 00-0008 1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide *(06 42 13 00-0001)*

06 42 13 00-0009	SF	Alder Wood Tongue And Groove Paneling, 1/2"	7.54	1.71

06 42 13 00-0010 1" Solid Wood Paneling, Shiplap, 6" To 8" Wide *(06 42 13 00-0001)*

06 42 13 00-0011	SF	1" Teredo (Driftwood) Wood Shiplap	5.01	1.47

06 42 16 Flush Wood Paneling *(06 42)*

06 42 16 00-0001 Veneer Hardboard Panels *(06 42 16)*

06 42 16 00-0002	SF	1/4" Veneer Paneling (Mapes)	4.57	1.48
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*1.01*	

06 42 16 00-0003 Plywood Unfinished With Trim 1/4" Thick *(06 42 16)*

06 42 16 00-0004 Birch *(06 42 16 00-0003)*

06 42 16 00-0005	SF	1/4" Unfinished Birch Plywood, Natural Faced With Trim	4.03	1.31
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*0.89*	
		For Installation On Metal Studs Or Furring, Add	*0.32*	
		For Glue Laminated Installation, Add	*0.20*	
		For Lumber Core, Add	*0.12*	
		For 1/8" Thick Paneling, Deduct	*-0.39*	
		For 1/2" Thick Paneling, Add	*0.94*	
		For 5/8" Thick Paneling, Add	*1.16*	
		For 3/4" Thick Paneling, Add	*1.46*	
		For Fire Retardant Treatment (Class I), Add	*0.85*	
06 42 16 00-0006	SF	1/4" Unfinished Birch Plywood, Select With Trim	4.11	1.31
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*0.89*	
		For Installation On Metal Studs Or Furring, Add	*0.32*	
		For Glue Laminated Installation, Add	*0.21*	
		For Lumber Core, Add	*0.13*	
		For 1/8" Thick Paneling, Deduct	*-0.40*	
		For 1/2" Thick Paneling, Add	*0.98*	
		For 5/8" Thick Paneling, Add	*1.22*	
		For 3/4" Thick Paneling, Add	*1.54*	
		For Fire Retardant Treatment (Class I), Add	*0.92*	

06 42 16 00-0007 Knotty Pine *(06 42 16 00-0003)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0008	SF	1/4" Knotty Pine Plywood, Grade AA Unfinished With Trim	13.72	1.48
		For Waterproof Glue, Add	*0.73*	
		For Ceiling Installation, Add	*0.99*	
		For Installation On Metal Studs Or Furring, Add	*0.36*	
		For Glue Laminated Installation, Add	*0.69*	
		For Lumber Core, Add	*1.15*	
		For 1/8" Thick Paneling, Deduct	*-1.97*	
		For 1/2" Thick Paneling, Add	*6.03*	
		For 5/8" Thick Paneling, Add	*8.22*	
		For 3/4" Thick Paneling, Add	*11.03*	
		For Fire Retardant Treatment (Class I), Add	*8.24*	
06 42 16 00-0009	SF	1/4" Knotty Pine Plywood, Grade AD Unfinished With Trim	13.41	1.48
		For Waterproof Glue, Add	*0.71*	
		For Ceiling Installation, Add	*0.99*	
		For Installation On Metal Studs Or Furring, Add	*0.36*	
		For Glue Laminated Installation, Add	*0.67*	
		For Lumber Core, Add	*1.11*	
		For 1/8" Thick Paneling, Deduct	*-1.92*	
		For 1/2" Thick Paneling, Add	*5.86*	
		For 5/8" Thick Paneling, Add	*7.98*	
		For 3/4" Thick Paneling, Add	*10.72*	
		For Fire Retardant Treatment (Class I), Add	*7.99*	

06 42 16 00-0010 Cedar (Aromatic - Closet Lining) *(06 42 16 00-0003)*

06 42 16 00-0011	SF	1/4" Cedar Plywood, Standard Grade Unfinished With Trim, Closet Lining	4.61	1.64
		For Waterproof Glue, Add	*0.06*	
		For Ceiling Installation, Add	*1.11*	
		For Installation On Metal Studs Or Furring, Add	*0.41*	
		For Glue Laminated Installation, Add	*0.23*	
		For Lumber Core, Add	*0.10*	
		For 1/8" Thick Paneling, Deduct	*-0.41*	
		For 1/2" Thick Paneling, Add	*0.94*	
		For 5/8" Thick Paneling, Add	*1.13*	
		For 3/4" Thick Paneling, Add	*1.37*	
		For Fire Retardant Treatment (Class I), Add	*0.72*	
06 42 16 00-0012	SF	1/4" Cedar Plywood, Particle Board Unfinished With Trim, Closet Lining	4.60	1.64
		For Waterproof Glue, Add	*0.06*	
		For Ceiling Installation, Add	*1.11*	
		For Installation On Metal Studs Or Furring, Add	*0.41*	
		For Glue Laminated Installation, Add	*0.23*	
		For Lumber Core, Add	*0.10*	
		For 1/8" Thick Paneling, Deduct	*-0.41*	
		For 1/2" Thick Paneling, Add	*0.93*	
		For 5/8" Thick Paneling, Add	*1.12*	
		For 3/4" Thick Paneling, Add	*1.36*	
		For Fire Retardant Treatment (Class I), Add	*0.71*	

06 42 16 00-0013 Top Grade Plywood Prefinished With Trim 1/4" Thick *(06 42 16)*

06 42 16 00-0014	SF	1/4" Top Grade Plywood, Birch Veneer Prefinished With Trim	4.50	1.48
		For Flitch Matched Veneer, Add	*0.61*	
		For Second Grade Veneer, Deduct	*-0.12*	
		For Third Grade Veneer, Deduct	*-0.18*	
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*0.99*	
		For Installation On Metal Studs Or Furring, Add	*0.36*	
		For Glue Laminated Installation, Add	*0.23*	
		For Lumber Core, Add	*0.13*	
		For 1/8" Thick Paneling, Deduct	*-0.43*	
		For 1/2" Thick Paneling, Add	*1.05*	
		For 5/8" Thick Paneling, Add	*1.30*	
		For 3/4" Thick Paneling, Add	*1.63*	
		For Fire Retardant Treatment (Class I), Add	*0.96*	
06 42 16 00-0015	SF	1/4" Top Grade Plywood, Cherry Veneer Prefinished With Trim	5.04	1.48
		For Flitch Matched Veneer, Add	*0.88*	
		For Second Grade Veneer, Deduct	*-0.18*	
		For Third Grade Veneer, Deduct	*-0.26*	
		For Waterproof Glue, Add	*0.12*	
		For Ceiling Installation, Add	*0.99*	
		For Installation On Metal Studs Or Furring, Add	*0.36*	
		For Glue Laminated Installation, Add	*0.25*	
		For Lumber Core, Add	*0.19*	
		For 1/8" Thick Paneling, Deduct	*-0.52*	
		For 1/2" Thick Paneling, Add	*1.34*	
		For 5/8" Thick Paneling, Add	*1.71*	
		For 3/4" Thick Paneling, Add	*2.18*	
		For Fire Retardant Treatment (Class I), Add	*1.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0016	SF	1/4" Top Grade Plywood, Chestnut Veneer Prefinished With Trim	7.68	1.48
		For Flitch Matched Veneer, Add	*1.88*	
		For Second Grade Veneer, Deduct	*-0.38*	
		For Third Grade Veneer, Deduct	*-0.56*	
		For Waterproof Glue, Add	*0.26*	
		For Ceiling Installation, Add	*1.18*	
		For Installation On Metal Studs Or Furring, Add	*0.43*	
		For Glue Laminated Installation, Add	*0.38*	
		For Lumber Core, Add	*0.41*	
		For 1/8" Thick Paneling, Deduct	*-0.90*	
		For 1/2" Thick Paneling, Add	*2.50*	
		For 5/8" Thick Paneling, Add	*3.28*	
		For 3/4" Thick Paneling, Add	*4.30*	
		For Fire Retardant Treatment (Class I), Add	*2.96*	
06 42 16 00-0017	SF	1/4" Top Grade Plywood, Lauan Veneer Prefinished With Trim	3.75	1.48
		For Flitch Matched Veneer, Add	*0.40*	
		For Second Grade Veneer, Deduct	*-0.08*	
		For Third Grade Veneer, Deduct	*-0.12*	
		For Waterproof Glue, Add	*0.06*	
		For Ceiling Installation, Add	*0.89*	
		For Installation On Metal Studs Or Furring, Add	*0.32*	
		For Glue Laminated Installation, Add	*0.19*	
		For Lumber Core, Add	*0.09*	
		For 1/8" Thick Paneling, Deduct	*-0.34*	
		For 1/2" Thick Paneling, Add	*0.79*	
		For 5/8" Thick Paneling, Add	*0.95*	
		For 3/4" Thick Paneling, Add	*1.17*	
		For Fire Retardant Treatment (Class I), Add	*0.63*	
06 42 16 00-0018	SF	1/4" Top Grade Plywood, Mahogany Veneer Prefinished With Trim	6.72	1.48
		For Flitch Matched Veneer, Add	*1.51*	
		For Second Grade Veneer, Deduct	*-0.30*	
		For Third Grade Veneer, Deduct	*-0.45*	
		For Waterproof Glue, Add	*0.21*	
		For Ceiling Installation, Add	*1.11*	
		For Installation On Metal Studs Or Furring, Add	*0.41*	
		For Glue Laminated Installation, Add	*0.34*	
		For Lumber Core, Add	*0.33*	
		For 1/8" Thick Paneling, Deduct	*-0.76*	
		For 1/2" Thick Paneling, Add	*2.07*	
		For 5/8" Thick Paneling, Add	*2.71*	
		For 3/4" Thick Paneling, Add	*3.52*	
		For Fire Retardant Treatment (Class I), Add	*2.39*	
06 42 16 00-0019	SF	1/4" Top Grade Plywood, Red Oak Veneer Prefinished With Trim	4.63	1.48
		For Flitch Matched Veneer, Add	*0.67*	
		For Second Grade Veneer, Deduct	*-0.13*	
		For Third Grade Veneer, Deduct	*-0.20*	
		For Waterproof Glue, Add	*0.09*	
		For Ceiling Installation, Add	*0.99*	
		For Installation On Metal Studs Or Furring, Add	*0.36*	
		For Glue Laminated Installation, Add	*0.23*	
		For Lumber Core, Add	*0.15*	
		For 1/8" Thick Paneling, Deduct	*-0.45*	
		For 1/2" Thick Paneling, Add	*1.12*	
		For 5/8" Thick Paneling, Add	*1.40*	
		For 3/4" Thick Paneling, Add	*1.76*	
		For Fire Retardant Treatment (Class I), Add	*1.06*	
06 42 16 00-0020	SF	1/4" Top Grade Plywood, Pecan Veneer Prefinished With Trim	5.47	1.48
		For Flitch Matched Veneer, Add	*0.89*	
		For Second Grade Veneer, Deduct	*-0.18*	
		For Third Grade Veneer, Deduct	*-0.27*	
		For Waterproof Glue, Add	*0.12*	
		For Ceiling Installation, Add	*1.11*	
		For Installation On Metal Studs Or Furring, Add	*0.41*	
		For Glue Laminated Installation, Add	*0.27*	
		For Lumber Core, Add	*0.19*	
		For 1/8" Thick Paneling, Deduct	*-0.55*	
		For 1/2" Thick Paneling, Add	*1.40*	
		For 5/8" Thick Paneling, Add	*1.77*	
		For 3/4" Thick Paneling, Add	*2.25*	
		For Fire Retardant Treatment (Class I), Add	*1.40*	
06 42 16 00-0021	SF	1/4" Top Grade Plywood, Rosewood Veneer Prefinished With Trim	8.90	1.48
		For Flitch Matched Veneer, Add	*2.14*	
		For Second Grade Veneer, Deduct	*-0.43*	
		For Third Grade Veneer, Deduct	*-0.64*	
		For Waterproof Glue, Add	*0.30*	
		For Ceiling Installation, Add	*1.39*	
		For Installation On Metal Studs Or Furring, Add	*0.51*	
		For Glue Laminated Installation, Add	*0.45*	
		For Lumber Core, Add	*0.47*	
		For 1/8" Thick Paneling, Deduct	*-1.04*	
		For 1/2" Thick Paneling, Add	*2.87*	
		For 5/8" Thick Paneling, Add	*3.76*	
		For 3/4" Thick Paneling, Add	*4.92*	
		For Fire Retardant Treatment (Class I), Add	*3.38*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0022	SF	1/4" Top Grade Plywood, Teak Veneer Prefinished With Trim	6.71	1.48
		For Flitch Matched Veneer, Add	*1.51*	
		For Second Grade Veneer, Deduct	*-0.30*	
		For Third Grade Veneer, Deduct	*-0.45*	
		For Waterproof Glue, Add	*0.21*	
		For Ceiling Installation, Add	*1.11*	
		For Installation On Metal Studs Or Furring, Add	*0.41*	
		For Glue Laminated Installation, Add	*0.34*	
		For Lumber Core, Add	*0.33*	
		For 1/8" Thick Paneling, Deduct	*-0.76*	
		For 1/2" Thick Paneling, Add	*2.07*	
		For 5/8" Thick Paneling, Add	*2.70*	
		For 3/4" Thick Paneling, Add	*3.51*	
		For Fire Retardant Treatment (Class I), Add	*2.38*	
06 42 16 00-0023	SF	1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim	5.86	1.48
		For Flitch Matched Veneer, Add	*1.29*	
		For Second Grade Veneer, Deduct	*-0.26*	
		For Third Grade Veneer, Deduct	*-0.39*	
		For Waterproof Glue, Add	*0.18*	
		For Ceiling Installation, Add	*0.99*	
		For Installation On Metal Studs Or Furring, Add	*0.36*	
		For Glue Laminated Installation, Add	*0.29*	
		For Lumber Core, Add	*0.28*	
		For 1/8" Thick Paneling, Deduct	*-0.66*	
		For 1/2" Thick Paneling, Add	*1.78*	
		For 5/8" Thick Paneling, Add	*2.32*	
		For 3/4" Thick Paneling, Add	*3.02*	
		For Fire Retardant Treatment (Class I), Add	*2.03*	
06 42 16 00-0024	SF	1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim	4.65	1.48
		For Flitch Matched Veneer, Add	*0.68*	
		For Second Grade Veneer, Deduct	*-0.14*	
		For Third Grade Veneer, Deduct	*-0.20*	
		For Waterproof Glue, Add	*0.10*	
		For Ceiling Installation, Add	*0.99*	
		For Installation On Metal Studs Or Furring, Add	*0.36*	
		For Glue Laminated Installation, Add	*0.23*	
		For Lumber Core, Add	*0.15*	
		For 1/8" Thick Paneling, Deduct	*-0.46*	
		For 1/2" Thick Paneling, Add	*1.13*	
		For 5/8" Thick Paneling, Add	*1.41*	
		For 3/4" Thick Paneling, Add	*1.78*	
		For Fire Retardant Treatment (Class I), Add	*1.07*	

06 42 16 00-0025 Accessories *(06 42 16)*

06 42 16 00-0026	EA	Aluminum Panel Retainer "J" With Bolt	15.73	

06 42 19 Plastic-Laminate-Faced Wood Paneling *(06 42)*

06 42 19 00-0001 Plastic Laminate *(06 42 19)*

Note: Standard colors and patterns.

06 42 19 00-0002	SF	1/16" Plastic Laminate Note: Includes cutting to fit.	6.24	2.85

06 43 Wood Stairs And Railings *(06 40)*

06 43 13 Wood Stairs *(06 43)*

06 43 13 00-0001 Stair Parts *(06 43 13)*

06 43 13 00-0002	EA	30" Baluster, Pine	35.02	16.54
06 43 13 00-0003	EA	30" Baluster, Birch	39.91	16.54
06 43 13 00-0004	EA	42" Baluster, Pine	38.77	17.10
06 43 13 00-0005	EA	42" Baluster, Birch	43.99	17.10
06 43 13 00-0006	EA	3-1/4" Wide Newels, Starting	190.61	65.01
06 43 13 00-0007	EA	3-1/4" Wide Newels, Landing	276.95	91.24
06 43 13 00-0008	LF	Oak Gooseneck, 1 Riser	123.60	57.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*18.72*	
06 43 13 00-0009	LF	Oak Gooseneck, 2 Riser	142.68	62.64
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*20.58*	
06 43 13 00-0010	LF	Oak Handrail, 2-1/2" x 3" With Quarter Turn	23.57	8.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.81*	
06 43 13 00-0011	LF	1-1/16" x 9-1/2" Oak Stair Tread	28.46	4.81
		For Beech, Add	*5.67*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.20*	
06 43 13 00-0012	LF	1-1/16" x 11-1/2" Oak Stair Tread	33.83	4.81
		For Beech, Add	*7.28*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.20*	
06 43 13 00-0013	LF	1-1/16" x 11-1/2" Pine Stair Tread	17.18	4.81
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.20*	
06 43 13 00-0014	LF	3/4" x 7-1/2" High Beech Riser	22.35	4.97
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.29*	
06 43 13 00-0015	LF	3/4" x 7-1/2" High Oak Riser	21.21	4.97
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.29*	
06 43 13 00-0016	LF	3/4" x 7-1/2" High Fir Riser	13.88	4.97
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.29*	
06 43 13 00-0017	LF	3/4" x 7-1/2" High Pine Riser	13.52	4.97
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.29*	
06 43 13 00-0018	SF	Framed Stair Landings, 3/4" Plywood Surface, Per SF Of Landing	29.19	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 43 13 00-0019		Interior Box Stairs *(06 43 13)*		
		Note: Factory cut and assembled straight closed box stairs, unfinished.		
06 43 13 00-0020	EA	30" Wide Pine Box Stair, Per Riser	163.42	49.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*16.30*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*65.26*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*20.86*	
		For Oak Or Maple Treads, Add	*41.65*	
06 43 13 00-0021	EA	32" Wide Pine Box Stair, Per Riser	172.31	50.75
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*16.67*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*65.74*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*21.06*	
		For Oak Or Maple Treads, Add	*44.93*	
06 43 13 00-0022	EA	34" Wide Pine Box Stair, Per Riser	180.44	51.33
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*16.86*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*65.99*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*21.16*	
		For Oak Or Maple Treads, Add	*48.21*	
06 43 13 00-0023	EA	36" Wide Pine Box Stair, Per Riser	189.78	51.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*17.05*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*66.23*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*21.26*	
		For Oak Or Maple Treads, Add	*52.05*	
06 43 13 00-0024	EA	38" Wide Pine Box Stair, Per Riser	195.44	52.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*17.23*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*66.48*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*21.37*	
		For Oak Or Maple Treads, Add	*54.23*	
06 43 13 00-0025	EA	40" Wide Pine Box Stair, Per Riser	201.91	53.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*17.61*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*66.97*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*21.57*	
		For Oak Or Maple Treads, Add	*56.40*	
06 43 13 00-0026	EA	42" Wide Pine Box Stair, Per Riser	207.55	54.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*17.80*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*67.21*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*21.67*	
		For Oak Or Maple Treads, Add	*58.58*	
06 43 13 00-0027	EA	44" Wide Pine Box Stair, Per Riser	213.21	54.75
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*17.99*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*67.46*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*21.78*	
		For Oak Or Maple Treads, Add	*60.75*	
06 43 13 00-0028	EA	46" Wide Pine Box Stair, Per Riser	218.83	55.32
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*18.17*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*67.70*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*21.88*	
		For Oak Or Maple Treads, Add	*62.92*	
06 43 13 00-0029	EA	48" Wide Pine Box Stair, Per Riser	226.08	57.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*18.74*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*68.44*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*22.18*	
		For Oak Or Maple Treads, Add	*65.07*	

06 43 16 Wood Railings *(06 43)*

06 43 16 00-0001 Handrails *(06 43 16)*

06 43 16 00-0002 Pine, Fir, Interior Grade Or Pressure Treated Exterior Handrails *(06 43 16 00-0001)*

06 43 16 00-0003	LF	1-1/2" X 1-3/4" Wood Handrail	11.13	5.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.87*	
06 43 16 00-0004	LF	1-1/2" X 2-1/2" Wood Handrail	13.17	6.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.06*	
06 43 16 00-0005	LF	Contour Style Wood Rails	17.86	5.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.62*	
06 43 16 00-0006	LF	1-1/2" Diameter Wood Rail With Brackets	10.61	4.07
06 43 16 00-0007	LF	1-3/4" Diameter Wood Rail With Brackets	12.40	4.48
06 43 16 00-0008	LF	2" Diameter Wood Rail With Brackets	15.82	4.89
06 43 16 00-0009	LF	2-1/2" Diameter Wood Rail With Brackets	18.76	5.71

06 43 16 00-0010 Handrails, Custom Hardwood With Supports *(06 43 16 00-0001)*

06 43 16 00-0011	LF	1-1/2" x 4-1/2" Oak Custom Hardwood Wall Handrail With Metal Supports At 6" On Center	23.43	7.00
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.57*	
06 43 16 00-0012	LF	2" X 8" Red Oak Custom Hardwood Horizontal Handrail With Metal Supports At 6" On Center	55.44	7.16
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.68*	
06 43 16 00-0013	LF	2" X 8" Red Oak Custom Hardwood Raking Handrail With Metal Supports At 6" On Center	57.41	8.07
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*4.14*	
06 43 16 00-0014	LF	2" x 9-1/2" Red Oak Custom Hardwood Horizontal Handrail With Metal Supports At 6" On Center	75.13	8.07
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*4.11*	
06 43 16 00-0015	LF	2" X 9-1/2" Red Oak Custom Hardwood Rake Handrail With Metal Supports @ 6" On Center, Metal Balusters	77.13	8.97
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*4.57*	

06 44 Ornamental Woodwork *(06 40)*

06 44 39 Wood Posts And Columns *(06 44)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 44 39 00-0001		Columns *(06 44 39)*		
06 44 39 00-0002		Pine Colonial Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*		
		Note: Paint grade/finger jointed pine.		
06 44 39 00-0003	LF	6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	39.13	5.48
06 44 39 00-0004	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	49.81	8.01
06 44 39 00-0005	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	60.45	9.27
06 44 39 00-0006	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	71.28	9.70
06 44 39 00-0007	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	151.39	10.96
06 44 39 00-0008	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	175.11	11.81
06 44 39 00-0009	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	209.60	12.64
06 44 39 00-0010	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	249.02	13.49
06 44 39 00-0011	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	44.40	5.48
06 44 39 00-0012	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	54.04	8.01
06 44 39 00-0013	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	66.29	9.27
06 44 39 00-0014	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	77.52	9.70
06 44 39 00-0015	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	164.06	10.96
06 44 39 00-0016	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	220.58	11.81
06 44 39 00-0017	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	237.77	12.64
06 44 39 00-0018	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	267.12	13.49
06 44 39 00-0019		Pine Colonial Columns, Round Non Tapered With Cap And Base *(06 44 39 00-0001)*		
		Note: Paint grade/finger jointed pine.		
06 44 39 00-0020	LF	6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	46.21	5.48
06 44 39 00-0021	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	57.86	8.01
06 44 39 00-0022	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	70.92	9.27
06 44 39 00-0023	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	84.36	9.70
06 44 39 00-0024	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	184.21	10.96
06 44 39 00-0025	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	213.54	11.81
06 44 39 00-0026	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	256.34	12.64
06 44 39 00-0027	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	305.31	13.49
06 44 39 00-0028	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	52.81	5.48
06 44 39 00-0029	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	63.64	8.01
06 44 39 00-0030	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	78.48	9.27
06 44 39 00-0031	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	92.37	9.70
06 44 39 00-0032	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	200.08	10.96
06 44 39 00-0033	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	270.55	11.81
06 44 39 00-0034	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	291.65	12.64
06 44 39 00-0035	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	328.03	13.49
06 44 39 00-0036		Pine Classical Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*		
		Note: Paint grade/finger jointed pine.		
06 44 39 00-0037	LF	6" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	41.63	5.48
06 44 39 00-0038	LF	8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	52.83	8.01
06 44 39 00-0039	LF	10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	64.24	9.27
06 44 39 00-0040	LF	12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	75.98	9.70
06 44 39 00-0041	LF	6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	47.38	5.48
06 44 39 00-0042	LF	8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	57.43	8.01
06 44 39 00-0043	LF	10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	70.60	9.27
06 44 39 00-0044	LF	12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	82.77	9.70
06 44 39 00-0045		Redwood Colonial Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*		
		Note: Paint grade/finger jointed redwood.		
06 44 39 00-0046	LF	6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	62.71	5.48
06 44 39 00-0047	LF	8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	76.37	8.01
06 44 39 00-0048	LF	10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	94.46	9.27
06 44 39 00-0049	LF	12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	114.34	9.70
06 44 39 00-0050	LF	6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	71.56	5.48
06 44 39 00-0051	LF	8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	85.83	8.01
06 44 39 00-0052	LF	10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	105.53	9.27
06 44 39 00-0053	LF	12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	128.83	9.70
06 44 39 00-0054		Ornamental Or Decorative Cap And Bases, Resin *(06 44 39 00-0001)*		
		Note: For tapered wood columns.		
06 44 39 00-0055	EA	6" Resin Corinthian Capital And Base	191.78	11.38
06 44 39 00-0056	EA	8" Resin Corinthian Capital And Base	286.86	12.64
06 44 39 00-0057	EA	10" Resin Corinthian Capital And Base	397.71	14.75
06 44 39 00-0058	EA	12" Resin Corinthian Capital And Base	506.56	16.86
06 44 39 00-0059	EA	6" Resin Greek Erectheum Cap And Base	171.66	11.38
06 44 39 00-0060	EA	8" Resin Greek Erectheum Cap And Base	236.56	12.64
06 44 39 00-0061	EA	10" Resin Greek Erectheum Cap And Base	293.09	14.75
06 44 39 00-0062	EA	12" Resin Greek Erectheum Cap And Base	381.81	16.86
06 44 39 00-0063	EA	6" Resin Roman Ionic Capital And Base	180.54	11.81
06 44 39 00-0064	EA	8" Resin Roman Ionic Capital And Base	236.56	12.64
06 44 39 00-0065	EA	10" Resin Roman Ionic Capital And Base	293.09	14.75
06 44 39 00-0066	EA	12" Resin Roman Ionic Capital And Base	371.75	16.86
06 44 39 00-0067	EA	6" Resin Scamozzi Capital And Base	182.56	11.81
06 44 39 00-0068	EA	8" Resin Scamozzi Capital And Base	256.68	12.64
06 44 39 00-0069	EA	10" Resin Scamozzi Capital And Base	303.15	14.75
06 44 39 00-0070	EA	12" Resin Scamozzi Capital And Base	414.01	16.86
06 44 39 00-0071	EA	6" Resin Temple Of Winds Cap And Base	182.56	11.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 44 39 00-0072	EA	8" Resin Temple Of Winds Cap And Base	278.81	12.64
06 44 39 00-0073	EA	10" Resin Temple Of Winds Cap And Base	367.53	14.75
06 44 39 00-0074	EA	12" Resin Temple Of Winds Cap And Base	454.25	16.86

06 44 39 00-0075 Ornamental Or Decorative Cap And Bases, Plaster *(06 44 39 00-0001)*

Note: For tapered wood columns.

06 44 39 00-0076	EA	6" Plaster Corinthian Capital And Base	378.90	11.38
06 44 39 00-0077	EA	8" Plaster Corinthian Capital And Base	425.70	12.64
06 44 39 00-0078	EA	10" Plaster Corinthian Capital And Base	540.57	14.75
06 44 39 00-0079	EA	12" Plaster Corinthian Capital And Base	595.10	16.86
06 44 39 00-0080	EA	6" Plaster Greek Erectheum Cap And Base	254.15	11.38
06 44 39 00-0081	EA	8" Plaster Greek Erectheum Cap And Base	294.91	12.64
06 44 39 00-0082	EA	10" Plaster Greek Erectheum Cap And Base	363.51	14.75
06 44 39 00-0083	EA	12" Plaster Greek Erectheum Cap And Base	456.26	16.86
06 44 39 00-0084	EA	6" Plaster Roman Ionic Capital And Base	244.93	11.81
06 44 39 00-0085	EA	8" Plaster Roman Ionic Capital And Base	319.06	12.64
06 44 39 00-0086	EA	10" Plaster Roman Ionic Capital And Base	385.64	14.75
06 44 39 00-0087	EA	12" Plaster Roman Ionic Capital And Base	456.26	16.86
06 44 39 00-0088	EA	6" Plaster Scamozzi Capital And Base	289.20	11.81
06 44 39 00-0089	EA	8" Plaster Scamozzi Capital And Base	381.43	12.64
06 44 39 00-0090	EA	10" Plaster Scamozzi Capital And Base	429.91	14.75
06 44 39 00-0091	EA	12" Plaster Scamozzi Capital And Base	544.79	16.86
06 44 39 00-0092	EA	6" Plaster Temple Of Winds Cap And Base	244.93	11.81
06 44 39 00-0093	EA	8" Plaster Temple Of Winds Cap And Base	315.03	12.64
06 44 39 00-0094	EA	10" Plaster Temple Of Winds Cap And Base	409.79	14.75
06 44 39 00-0095	EA	12" Plaster Temple Of Winds Cap And Base	522.66	16.86
06 44 39 00-0096	EA	6" Plaster Empire Capital And Base	275.11	11.81
06 44 39 00-0097	EA	8" Plaster Empire Capital And Base	335.15	12.64
06 44 39 00-0098	EA	10" Plaster Empire Capital And Base	407.78	14.75
06 44 39 00-0099	EA	12" Plaster Empire Capital And Base	456.26	16.86

06 46 Wood Trim *(06 40)*

06 46 13 Wood Door and Window Casings *(06 46)*

06 46 13 00-0001 Door and Window Casings *(06 46 13)*

06 46 13 00-0002	LF	1-1/8" Wide Plain Pine Door And Window Molding	3.52	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.67*	
06 46 13 00-0003	LF	1-1/8" Wide Detailed Pine Door And Window Molding	3.54	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.67*	
06 46 13 00-0004	LF	2-1/2" Wide Pine Complete Door And Window Trim	4.20	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.67*	

06 46 19 Wood Base And Shoe Moldings *(06 46)*

06 46 19 00-0001 Base And Shoe Molding *(06 46 19)*

06 46 19 00-0002	LF	1/2" x 1/2" Pine Quarter Round Trim	3.76	1.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 19 00-0003	LF	3/4" x 3/4" Pine Quarter Round Trim	3.95	1.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 19 00-0004	LF	3-1/2" High White Pine Base Molding, All Dimensions Are Nominal	4.46	0.98
		For Clear Birch, Add	*0.38*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*0.87*	
		For Stain Grade Material (No Finger Joints), Add	*0.22*	
		For Clear Poplar, Add	*0.24*	
06 46 19 00-0005	LF	4-1/2" High White Pine Base Molding, All Dimensions Are Nominal	5.45	1.22
		For Clear Birch, Add	*0.44*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.03*	
		For Stain Grade Material (No Finger Joints), Add	*0.25*	
		For Clear Poplar, Add	*0.28*	
06 46 19 00-0006	LF	5-1/2" High White Pine Base Molding, All Dimensions Are Nominal	6.61	1.39
		For Clear Birch, Add	*0.68*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.41*	
		For Stain Grade Material (No Finger Joints), Add	*0.38*	
		For Clear Poplar, Add	*0.43*	
06 46 19 00-0007	LF	3/4" x 1" Oak Base Shoe	4.44	1.55
06 46 19 00-0008	LF	3/4" x 1" White Pine Base Shoe, Stain Grade	4.33	1.55
06 46 19 00-0009	LF	3/4" x 1" White Pine Base Shoe, Paint Grade	4.09	1.55

06 46 23 Wood Chair Rails *(06 46)*

06 46 23 00-0001 Chair Rails *(06 46 23)*

06 46 23 00-0002	LF	5/8" x 2-1/2" White Pine Shaped Chair Rail	5.22	1.47
		For Birch, Add	*0.63*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.21*	
		For Poplar, Add	*0.39*	
06 46 23 00-0003	LF	5/8" x 3-1/2" White Pine Shaped Chair Rail	6.22	1.47
		For Birch, Add	*0.95*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.66*	
		For Poplar, Add	*0.59*	
06 46 23 00-0004	LF	1/2" x 1-5/8" White Pine Shaped Chair Rail	3.89	1.47
		For Birch, Add	*0.46*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.89*	
		For Poplar, Add	*0.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 46 26 Wood Cornices *(06 46)*

06 46 26 00-0001 Wood Cornices *(06 46 26)*

06 46 26 00-0002	LF	1" x 2" White Pine Cornices, All Dimensions Are Nominal	4.16	1.47
		For Birch, Add	*0.32*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*0.73*	
		For Poplar, Add	*0.41*	
06 46 26 00-0003	LF	1" x 4" White Pine Cornices, All Dimensions Are Nominal	5.01	1.55
		For Birch, Add	*0.58*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*1.07*	
		For Poplar, Add	*0.73*	
06 46 26 00-0004	LF	1" x 6" White Pine Cornices, All Dimensions Are Nominal	6.62	1.63
		For Birch, Add	*1.11*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*1.74*	
		For Poplar, Add	*1.39*	
06 46 26 00-0005	LF	1" x 8" White Pine Cornices, All Dimensions Are Nominal	7.53	1.63
		For Birch, Add	*1.38*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*2.09*	
		For Poplar, Add	*1.72*	
06 46 26 00-0006	LF	1" x 10" White Pine Cornices, All Dimensions Are Nominal	8.58	1.71
		For Birch, Add	*1.69*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*2.50*	
		For Poplar, Add	*2.12*	
06 46 26 00-0007	LF	1" x 12" White Pine Cornices, All Dimensions Are Nominal	10.76	1.87
		For Birch, Add	*2.41*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*3.42*	
		For Poplar, Add	*3.01*	

06 46 29 Wood Fascia And Soffits *(06 46)*

06 46 29 00-0001 Fascia Board *(06 46 29)*

06 46 29 00-0002 Pine Fascia Board *(06 46 29 00-0001)*

06 46 29 00-0003	LF	1" x 6" Pine Fascia Board	3.85	1.63
06 46 29 00-0004	LF	1" x 8" Pine Fascia Board	4.41	1.81
06 46 29 00-0005	LF	1" x 10" Pine Fascia Board	4.78	1.90
06 46 29 00-0006	LF	1" x 12" Pine Fascia Board	5.62	2.12
06 46 29 00-0007	LF	2" x 6" Pine Fascia Board	3.81	1.63
06 46 29 00-0008	LF	2" x 8" Pine Fascia Board	4.35	1.81
06 46 29 00-0009	LF	2" x 10" Pine Fascia Board	4.86	1.90
06 46 29 00-0010	LF	2" x 12" Pine Fascia Board	5.89	2.12

06 46 29 00-0011 Cedar Fascia Board *(06 46 29 00-0001)*

06 46 29 00-0012	LF	1" x 6" Cedar Fascia Board	4.13	1.63
06 46 29 00-0013	LF	1" x 8" Cedar Fascia Board	4.85	1.81
06 46 29 00-0014	LF	1" x 10" Cedar Fascia Board	5.63	1.90
06 46 29 00-0015	LF	1" x 12" Cedar Fascia Board	6.82	2.12

06 46 29 00-0016 Engineered Wood Fascia Board *(06 46 29 00-0001)*

06 46 29 00-0017	LF	1" x 6" Engineered Wood Fascia Board	3.69	1.63
06 46 29 00-0018	LF	1" x 8" Engineered Wood Fascia Board	4.19	1.81
06 46 29 00-0019	LF	1" x 12" Engineered Wood Fascia Board	5.11	2.12

06 46 29 00-0020 Soffit *(06 46 29)*

06 46 29 00-0021 Sanded Plywood Soffit *(06 46 29 00-0020)*

06 46 29 00-0022	SF	3/8" Thick, Sanded Plywood Soffit	3.37	1.23
06 46 29 00-0023	SF	1/2" Thick, Sanded Plywood Soffit	3.70	1.30
06 46 29 00-0024	SF	5/8" Thick, Sanded Plywood Soffit	3.89	1.36
06 46 29 00-0025	SF	3/4" Thick, Sanded Plywood Soffit	4.31	1.43

06 46 29 00-0026 MDO Plywood Soffit *(06 46 29 00-0020)*

06 46 29 00-0027	SF	3/8" Thick, MDO Plywood Soffit	3.79	1.23
06 46 29 00-0028	SF	1/2" Thick, MDO Plywood Soffit	4.23	1.30
06 46 29 00-0029	SF	3/4" Thick, MDO Plywood Soffit	5.33	1.43

06 46 29 00-0030 Exterior Ceiling Gypsum Board Soffit *(06 46 29 00-0020)*

06 46 29 00-0031	SF	1/2" Thick, Exterior Ceiling Gypsum Board Soffit	2.54	1.08
06 46 29 00-0032	SF	5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit	2.72	1.14

06 46 36 Custom Molding *(06 46)*

Note: Includes set-up, knife charge, gluing (Where necessary for widths over 7-1/2"). All dimensions are nominal.

06 46 36 00-0001 Basswood *(06 46 36)*

06 46 36 00-0002	LF	3/4" x 1-1/2" Custom Shaped Basswood	4.21	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.66*	
06 46 36 00-0003	LF	3/4" x 2-1/2" Custom Shaped Basswood	4.97	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0004	LF	3/4" x 3-1/2" Custom Shaped Basswood	5.74	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0005	LF	3/4" x 4-1/2" Custom Shaped Basswood	6.50	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0006	LF	3/4" x 5-1/2" Custom Shaped Basswood	7.35	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0007	LF	3/4" x 6-1/2" Custom Shaped Basswood	8.20	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0008	LF	3/4" x 7-1/2" Custom Shaped Basswood	8.96	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0009	LF	3/4" x 8-1/2" Custom Shaped Basswood	9.74	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0010	LF	3/4" x 9-1/2" Custom Shaped Basswood	10.46	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0011	LF	3/4" x 10-1/2" Custom Shaped Basswood	11.32	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0012	LF	3/4" x 11-1/2" Custom Shaped Basswood	12.12	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0013	LF	1" x 1-1/2" Custom Shaped Basswood	4.70	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.68*	
06 46 36 00-0014	LF	1" x 2-1/2" Custom Shaped Basswood	5.65	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0015	LF	1" x 3-1/2" Custom Shaped Basswood	6.60	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0016	LF	1" x 4-1/2" Custom Shaped Basswood	7.57	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0017	LF	1" x 5-1/2" Custom Shaped Basswood	8.63	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0018	LF	1" x 6-1/2" Custom Shaped Basswood	9.67	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0019	LF	1" x 7-1/2" Custom Shaped Basswood	10.62	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0020	LF	1" x 8-1/2" Custom Shaped Basswood	11.59	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0021	LF	1" x 9-1/2" Custom Shaped Basswood	12.53	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0022	LF	1" x 10-1/2" Custom Shaped Basswood	13.59	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0023	LF	1" x 11-1/2" Custom Shaped Basswood	14.58	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0024	LF	1-1/2" x 1-1/2" Custom Shaped Basswood	6.10	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0025	LF	1-1/2" x 2-1/2" Custom Shaped Basswood	7.72	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0026	LF	1-1/2" x 3-1/2" Custom Shaped Basswood	9.34	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0027	LF	1-1/2" x 4-1/2" Custom Shaped Basswood	10.98	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.76*	
06 46 36 00-0028	LF	1-1/2" x 5-1/2" Custom Shaped Basswood	12.69	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0029	LF	1-1/2" x 6-1/2" Custom Shaped Basswood	14.40	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0030	LF	1-1/2" x 7-1/2" Custom Shaped Basswood	16.01	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0031	LF	1-1/2" x 8-1/2" Custom Shaped Basswood	17.66	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0032	LF	1-1/2" x 9-1/2" Custom Shaped Basswood	19.24	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0033	LF	1-1/2" x 10-1/2" Custom Shaped Basswood	20.98	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0034	LF	1-1/2" x 11-1/2" Custom Shaped Basswood	22.64	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0035	LF	3-1/2" x 3-1/2" Custom Shaped Basswood	21.14	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0036	LF	3-1/2" x 4-1/2" Custom Shaped Basswood	25.70	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0037	LF	3-1/2" x 5-1/2" Custom Shaped Basswood	30.19	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0038	LF	3-1/2" x 6-1/2" Custom Shaped Basswood	34.84	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0039	LF	3-1/2" x 7-1/2" Custom Shaped Basswood	39.33	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0040	LF	3-1/2" x 8-1/2" Custom Shaped Basswood	43.96	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0041	LF	3-1/2" x 9-1/2" Custom Shaped Basswood	48.39	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0042	LF	3-1/2" x 10-1/2" Custom Shaped Basswood	52.88	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0043	LF	3-1/2" x 11-1/2" Custom Shaped Basswood	57.54	1.39
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	

06 46 36 00-0044 Clear Western Cedar *(06 46 36)*

06 46 36 00-0045	LF	3/4" x 1-1/2" Custom Shaped Clear West Cedar	4.45	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.66*	
06 46 36 00-0046	LF	3/4" x 2-1/2" Custom Shaped Clear West Cedar	5.33	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.68*	
06 46 36 00-0047	LF	3/4" x 3-1/2" Custom Shaped Clear West Cedar	6.22	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0048	LF	3/4" x 4-1/2" Custom Shaped Clear West Cedar	7.10	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0049	LF	3/4" x 5-1/2" Custom Shaped Clear West Cedar	8.07	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0050	LF	3/4" x 6-1/2" Custom Shaped Clear West Cedar	9.04	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0051	LF	1" x 1-1/2" Custom Shaped Clear West Cedar	5.11	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.68*	
06 46 36 00-0052	LF	1" x 2-1/2" Custom Shaped Clear West Cedar	6.27	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0053	LF	1" x 3-1/2" Custom Shaped Clear West Cedar	7.44	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0054	LF	1" x 4-1/2" Custom Shaped Clear West Cedar	8.62	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0055	LF	1" x 5-1/2" Custom Shaped Clear West Cedar	9.88	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0056	LF	1" x 6-1/2" Custom Shaped Clear West Cedar	11.14	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0057	LF	1-1/4" x 1-1/2" Custom Shaped Clear West Cedar	6.38	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0058	LF	1-1/4" x 2-1/2" Custom Shaped Clear West Cedar	8.15	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0059	LF	1-1/4" x 3-1/2" Custom Shaped Clear West Cedar	9.92	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0060	LF	1-1/4" x 4-1/2" Custom Shaped Clear West Cedar	11.69	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.76*	
06 46 36 00-0061	LF	1-1/4" x 5-1/2" Custom Shaped Clear West Cedar	13.55	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0062	LF	1-1/4" x 6-1/2" Custom Shaped Clear West Cedar	15.41	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0063	LF	1-1/2" x 1-1/2" Custom Shaped Clear West Cedar	6.56	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0064	LF	1-1/2" x 2-1/2" Custom Shaped Clear West Cedar	8.37	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0065	LF	1-1/2" x 3-1/2" Custom Shaped Clear West Cedar	10.19	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.76*	
06 46 36 00-0066	LF	1-1/2" x 4-1/2" Custom Shaped Clear West Cedar	12.01	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0067	LF	1-1/2" x 5-1/2" Custom Shaped Clear West Cedar	13.84	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0068	LF	1-1/2" x 6-1/2" Custom Shaped Clear West Cedar	15.82	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0069	LF	3-1/2" x 3-1/2" Custom Shaped Clear West Cedar	18.84	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0070	LF	3-1/2" x 4-1/2" Custom Shaped Clear West Cedar	22.82	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0071	LF	3-1/2" x 5-1/2" Custom Shaped Clear West Cedar	26.75	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0072	LF	3-1/2" x 6-1/2" Custom Shaped Clear West Cedar	30.82	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0073	LF	3-1/2" x 7-1/2" Custom Shaped Clear West Cedar	34.73	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0074	LF	3-1/2" x 8-1/2" Custom Shaped Clear West Cedar	38.73	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0075	LF	3-1/2" x 9-1/2" Custom Shaped Clear West Cedar	42.65	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0076	LF	3-1/2" x 10-1/2" Custom Shaped Clear West Cedar	46.56	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0077	LF	3-1/2" x 11-1/2" Custom Shaped Clear West Cedar	50.64	1.39
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	

06 46 36 00-0078 Cherry *(06 46 36)*

06 46 36 00-0079	LF	3/4" x 1-1/2" Custom Shaped Cherry	5.22	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.66*	
06 46 36 00-0080	LF	3/4" x 2-1/2" Custom Shaped Cherry	6.48	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.68*	
06 46 36 00-0081	LF	3/4" x 3-1/2" Custom Shaped Cherry	7.75	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0082	LF	3/4" x 4-1/2" Custom Shaped Cherry	9.02	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0083	LF	3/4" x 5-1/2" Custom Shaped Cherry	10.37	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0084	LF	3/4" x 6-1/2" Custom Shaped Cherry	11.73	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0085	LF	3/4" x 7-1/2" Custom Shaped Cherry	12.98	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0086	LF	3/4" x 8-1/2" Custom Shaped Cherry	14.26	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0087	LF	3/4" x 9-1/2" Custom Shaped Cherry	15.49	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0088	LF	3/4" x 10-1/2" Custom Shaped Cherry	16.85	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0089	LF	3/4" x 11-1/2" Custom Shaped Cherry	18.15	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0090	LF	1" x 1-1/2" Custom Shaped Cherry	6.06	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.68*	
06 46 36 00-0091	LF	1" x 2-1/2" Custom Shaped Cherry	7.71	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0092	LF	1" x 3-1/2" Custom Shaped Cherry	9.36	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0093	LF	1" x 4-1/2" Custom Shaped Cherry	11.01	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0094	LF	1" x 5-1/2" Custom Shaped Cherry	12.75	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0095	LF	1" x 6-1/2" Custom Shaped Cherry	14.49	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0096	LF	1" x 7-1/2" Custom Shaped Cherry	16.13	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0097	LF	1" x 8-1/2" Custom Shaped Cherry	17.82	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0098	LF	1" x 9-1/2" Custom Shaped Cherry	19.40	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0099	LF	1" x 10-1/2" Custom Shaped Cherry	21.16	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0100	LF	1" x 11-1/2" Custom Shaped Cherry	22.84	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0101	LF	1-1/4" x 1-1/2" Custom Shaped Cherry	6.98	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0102	LF	1-1/4" x 2-1/2" Custom Shaped Cherry	9.06	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0103	LF	1-1/4" x 3-1/2" Custom Shaped Cherry	11.11	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0104	LF	1-1/4" x 4-1/2" Custom Shaped Cherry	13.20	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.76*	
06 46 36 00-0105	LF	1-1/4" x 5-1/2" Custom Shaped Cherry	15.35	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0106	LF	1-1/4" x 6-1/2" Custom Shaped Cherry	17.52	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0107	LF	1-1/4" x 7-1/2" Custom Shaped Cherry	19.56	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0108	LF	1-1/4" x 8-1/2" Custom Shaped Cherry	21.66	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0109	LF	1-1/4" x 9-1/2" Custom Shaped Cherry	23.67	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0110	LF	1-1/4" x 10-1/2" Custom Shaped Cherry	25.87	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0111	LF	1-1/4" x 11-1/2" Custom Shaped Cherry	27.95	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0112	LF	1-1/2" x 1-1/2" Custom Shaped Cherry	8.67	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0113	LF	1-1/2" x 2-1/2" Custom Shaped Cherry	11.54	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0114	LF	1-1/2" x 3-1/2" Custom Shaped Cherry	14.40	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.76*	
06 46 36 00-0115	LF	1-1/2" x 4-1/2" Custom Shaped Cherry	17.28	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0116	LF	1-1/2" x 5-1/2" Custom Shaped Cherry	20.16	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0117	LF	1-1/2" x 6-1/2" Custom Shaped Cherry	23.20	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0118	LF	1-1/2" x 7-1/2" Custom Shaped Cherry	26.06	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0119	LF	1-1/2" x 8-1/2" Custom Shaped Cherry	28.95	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0120	LF	1-1/2" x 9-1/2" Custom Shaped Cherry	31.78	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0121	LF	1-1/2" x 10-1/2" Custom Shaped Cherry	34.81	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0122	LF	1-1/2" x 11-1/2" Custom Shaped Cherry	37.67	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	

06 46 36 00-0123 Cypress *(06 46 36)*

06 46 36 00-0124	LF	3/4" x 1-1/2" Custom Shaped Cypress	4.21	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.66*	
06 46 36 00-0125	LF	3/4" x 2-1/2" Custom Shaped Cypress	4.97	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.68*	
06 46 36 00-0126	LF	3/4" x 3-1/2" Custom Shaped Cypress	5.74	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0127	LF	3/4" x 4-1/2" Custom Shaped Cypress	6.50	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0128	LF	3/4" x 5-1/2" Custom Shaped Cypress	7.35	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0129	LF	3/4" x 6-1/2" Custom Shaped Cypress	8.20	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0130	LF	3/4" x 7-1/2" Custom Shaped Cypress	9.15	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0131	LF	3/4" x 8-1/2" Custom Shaped Cypress	9.95	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0132	LF	3/4" x 9-1/2" Custom Shaped Cypress	11.42	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0133	LF	3/4" x 10-1/2" Custom Shaped Cypress	12.37	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0134	LF	1" x 1-1/2" Custom Shaped Cypress	5.30	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.68*	
06 46 36 00-0135	LF	1" x 2-1/2" Custom Shaped Cypress	6.54	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0136	LF	1" x 3-1/2" Custom Shaped Cypress	7.80	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0137	LF	1" x 4-1/2" Custom Shaped Cypress	9.07	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0138	LF	1" x 5-1/2" Custom Shaped Cypress	10.43	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0139	LF	1" x 6-1/2" Custom Shaped Cypress	11.76	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0140	LF	1" x 7-1/2" Custom Shaped Cypress	13.01	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0141	LF	1" x 8-1/2" Custom Shaped Cypress	14.30	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0142	LF	1" x 9-1/2" Custom Shaped Cypress	15.52	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0143	LF	1" x 10-1/2" Custom Shaped Cypress	16.92	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0144	LF	1" x 11-1/2" Custom Shaped Cypress	18.17	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0145	LF	1-1/2" x 1-1/2" Custom Shaped Cypress	6.08	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0146	LF	1-1/2" x 2-1/2" Custom Shaped Cypress	7.66	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0147	LF	1-1/2" x 3-1/2" Custom Shaped Cypress	9.23	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.76*	
06 46 36 00-0148	LF	1-1/2" x 4-1/2" Custom Shaped Cypress	10.82	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0149	LF	1-1/2" x 5-1/2" Custom Shaped Cypress	12.40	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0150	LF	1-1/2" x 6-1/2" Custom Shaped Cypress	14.15	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0151	LF	1-1/2" x 7-1/2" Custom Shaped Cypress	15.71	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0152	LF	1-1/2" x 8-1/2" Custom Shaped Cypress	17.31	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0153	LF	1-1/2" x 9-1/2" Custom Shaped Cypress	20.28	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0154	LF	1-1/2" x 10-1/2" Custom Shaped Cypress	22.07	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	

06 46 36 00-0155 Honduran Mahogany *(06 46 36)*

06 46 36 00-0156	LF	3/4" x 1-1/2" Custom Shaped Honduras Mahogany	5.50	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.66*	
06 46 36 00-0157	LF	3/4" x 2-1/2" Custom Shaped Honduras Mahogany	6.91	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.68*	
06 46 36 00-0158	LF	3/4" x 3-1/2" Custom Shaped Honduras Mahogany	8.33	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0159	LF	3/4" x 4-1/2" Custom Shaped Honduras Mahogany	9.74	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0160	LF	3/4" x 5-1/2" Custom Shaped Honduras Mahogany	11.23	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0161	LF	3/4" x 6-1/2" Custom Shaped Honduras Mahogany	12.73	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0162	LF	3/4" x 7-1/2" Custom Shaped Honduras Mahogany	14.13	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0163	LF	3/4" x 8-1/2" Custom Shaped Honduras Mahogany	15.56	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0164	LF	3/4" x 9-1/2" Custom Shaped Honduras Mahogany	16.92	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0165	LF	3/4" x 10-1/2" Custom Shaped Honduras Mahogany	18.43	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0166	LF	3/4" x 11-1/2" Custom Shaped Honduras Mahogany	19.88	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0167	LF	1" x 1-1/2" Custom Shaped Honduras Mahogany	6.50	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.68*	
06 46 36 00-0168	LF	1" x 2-1/2" Custom Shaped Honduras Mahogany	8.33	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0169	LF	1" x 3-1/2" Custom Shaped Honduras Mahogany	10.20	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0170	LF	1" x 4-1/2" Custom Shaped Honduras Mahogany	12.07	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0171	LF	1" x 5-1/2" Custom Shaped Honduras Mahogany	14.02	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0172	LF	1" x 6-1/2" Custom Shaped Honduras Mahogany	15.95	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0173	LF	1" x 7-1/2" Custom Shaped Honduras Mahogany	17.80	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0174	LF	1" x 8-1/2" Custom Shaped Honduras Mahogany	19.69	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0175	LF	1" x 9-1/2" Custom Shaped Honduras Mahogany	21.51	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0176	LF	1" x 10-1/2" Custom Shaped Honduras Mahogany	23.46	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0177	LF	1" x 11-1/2" Custom Shaped Honduras Mahogany	25.60	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0178	LF	1-1/4" x 1-1/2" Custom Shaped Honduras Mahogany	7.27	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0179	LF	1-1/4" x 2-1/2" Custom Shaped Honduras Mahogany	9.49	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0180	LF	1-1/4" x 3-1/2" Custom Shaped Honduras Mahogany	11.69	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0181	LF	1-1/4" x 4-1/2" Custom Shaped Honduras Mahogany	13.92	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.76*	
06 46 36 00-0182	LF	1-1/4" x 5-1/2" Custom Shaped Honduras Mahogany	16.21	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0183	LF	1-1/4" x 6-1/2" Custom Shaped Honduras Mahogany	18.52	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0184	LF	1-1/4" x 7-1/2" Custom Shaped Honduras Mahogany	20.71	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0185	LF	1-1/4" x 8-1/2" Custom Shaped Honduras Mahogany	22.95	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0186	LF	1-1/4" x 9-1/2" Custom Shaped Honduras Mahogany	24.63	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0187	LF	1-1/4" x 10-1/2" Custom Shaped Honduras Mahogany	27.45	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0188	LF	1-1/4" x 11-1/2" Custom Shaped Honduras Mahogany	29.68	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0189	LF	1-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	8.76	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0190	LF	1-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	11.68	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0191	LF	1-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	14.60	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.76*	
06 46 36 00-0192	LF	1-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	17.52	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0193	LF	1-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	20.45	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0194	LF	1-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	23.54	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0195	LF	1-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	26.44	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0196	LF	1-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	29.38	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0197	LF	1-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	32.26	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0198	LF	1-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	35.29	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0199	LF	1-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	38.30	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0200	LF	2" x 1-1/2" Custom Shaped Honduras Mahogany	10.25	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.73*	
06 46 36 00-0201	LF	2" x 2-1/2" Custom Shaped Honduras Mahogany	13.87	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.75*	
06 46 36 00-0202	LF	2" x 3-1/2" Custom Shaped Honduras Mahogany	17.47	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0203	LF	2" x 4-1/2" Custom Shaped Honduras Mahogany	21.18	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0204	LF	2" x 5-1/2" Custom Shaped Honduras Mahogany	24.79	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0205	LF	2" x 6-1/2" Custom Shaped Honduras Mahogany	28.57	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0206	LF	2" x 7-1/2" Custom Shaped Honduras Mahogany	32.18	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0207	LF	2" x 8-1/2" Custom Shaped Honduras Mahogany	35.88	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0208	LF	2" x 9-1/2" Custom Shaped Honduras Mahogany	39.48	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0209	LF	2" x 10-1/2" Custom Shaped Honduras Mahogany	43.12	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0210	LF	2" x 11-1/2" Custom Shaped Honduras Mahogany	46.89	1.39
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0211	LF	2-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	12.36	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.75*	
06 46 36 00-0212	LF	2-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	16.27	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0213	LF	2-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	20.67	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0214	LF	2-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	25.14	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0215	LF	2-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	29.54	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0216	LF	2-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	34.09	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0217	LF	2-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	38.48	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0218	LF	2-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	42.96	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0219	LF	2-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	47.36	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0220	LF	2-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	51.75	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0221	LF	2-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	56.31	1.39
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0222	LF	3-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	27.66	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0223	LF	3-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	33.84	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0224	LF	3-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	39.97	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0225	LF	3-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	46.24	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0226	LF	3-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	52.36	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0227	LF	3-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	58.57	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0228	LF	3-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	64.68	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0229	LF	3-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	70.80	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0230	LF	3-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	77.09	1.39
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	

06 46 36 00-0231 Appl Soft Maple *(06 46 36)*

06 46 36 00-0232	LF	3/4" x 1-1/2" Custom Shaped Appl Soft Maple	4.45	0.90
06 46 36 00-0233	LF	3/4" x 2-1/2" Custom Shaped Appl Soft Maple	5.33	0.90
06 46 36 00-0234	LF	3/4" x 3-1/2" Custom Shaped Appl Soft Maple	6.22	0.90
06 46 36 00-0235	LF	3/4" x 4-1/2" Custom Shaped Appl Soft Maple	7.10	0.98
06 46 36 00-0236	LF	3/4" x 5-1/2" Custom Shaped Appl Soft Maple	8.07	0.98
06 46 36 00-0237	LF	3/4" x 6-1/2" Custom Shaped Appl Soft Maple	9.04	1.06
06 46 36 00-0238	LF	3/4" x 7-1/2" Custom Shaped Appl Soft Maple	9.91	1.06
06 46 36 00-0239	LF	3/4" x 8-1/2" Custom Shaped Appl Soft Maple	10.81	1.06
06 46 36 00-0240	LF	3/4" x 9-1/2" Custom Shaped Appl Soft Maple	11.65	1.14
06 46 36 00-0241	LF	3/4" x 10-1/2" Custom Shaped Appl Soft Maple	12.64	1.22
06 46 36 00-0242	LF	3/4" x 11-1/2" Custom Shaped Appl Soft Maple	13.56	1.22
06 46 36 00-0243	LF	1" x 1-1/2" Custom Shaped Appl Soft Maple	4.94	0.90
06 46 36 00-0244	LF	1" x 2-1/2" Custom Shaped Appl Soft Maple	6.01	0.90
06 46 36 00-0245	LF	1" x 3-1/2" Custom Shaped Appl Soft Maple	7.08	0.98
06 46 36 00-0246	LF	1" x 4-1/2" Custom Shaped Appl Soft Maple	8.14	0.98
06 46 36 00-0247	LF	1" x 5-1/2" Custom Shaped Appl Soft Maple	9.35	1.06
06 46 36 00-0248	LF	1" x 6-1/2" Custom Shaped Appl Soft Maple	10.51	1.06
06 46 36 00-0249	LF	1" x 7-1/2" Custom Shaped Appl Soft Maple	11.57	1.06
06 46 36 00-0250	LF	1" x 8-1/2" Custom Shaped Appl Soft Maple	12.67	1.14
06 46 36 00-0251	LF	1" x 9-1/2" Custom Shaped Appl Soft Maple	13.72	1.14
06 46 36 00-0252	LF	1" x 10-1/2" Custom Shaped Appl Soft Maple	14.90	1.22
06 46 36 00-0253	LF	1" x 11-1/2" Custom Shaped Appl Soft Maple	16.02	1.22
06 46 36 00-0254	LF	1-1/4" x 1-1/2" Custom Shaped Appl Soft Maple	5.40	0.90
06 46 36 00-0255	LF	1-1/4" x 2-1/2" Custom Shaped Appl Soft Maple	6.69	0.90
06 46 36 00-0256	LF	1-1/4" x 3-1/2" Custom Shaped Appl Soft Maple	7.95	0.98
06 46 36 00-0257	LF	1-1/4" x 4-1/2" Custom Shaped Appl Soft Maple	9.25	0.98
06 46 36 00-0258	LF	1-1/4" x 5-1/2" Custom Shaped Appl Soft Maple	10.60	1.06
06 46 36 00-0259	LF	1-1/4" x 6-1/2" Custom Shaped Appl Soft Maple	11.98	1.06
06 46 36 00-0260	LF	1-1/4" x 7-1/2" Custom Shaped Appl Soft Maple	13.24	1.14
06 46 36 00-0261	LF	1-1/4" x 8-1/2" Custom Shaped Appl Soft Maple	14.54	1.14
06 46 36 00-0262	LF	1-1/4" x 9-1/2" Custom Shaped Appl Soft Maple	15.77	1.14
06 46 36 00-0263	LF	1-1/4" x 10-1/2" Custom Shaped Appl Soft Maple	17.17	1.22
06 46 36 00-0264	LF	1-1/4" x 11-1/2" Custom Shaped Appl Soft Maple	18.47	1.31
06 46 36 00-0265	LF	1-1/2" x 1-1/2" Custom Shaped Appl Soft Maple	6.27	0.90
06 46 36 00-0266	LF	1-1/2" x 2-1/2" Custom Shaped Appl Soft Maple	7.94	0.98
06 46 36 00-0267	LF	1-1/2" x 3-1/2" Custom Shaped Appl Soft Maple	9.61	0.98
06 46 36 00-0268	LF	1-1/2" x 4-1/2" Custom Shaped Appl Soft Maple	11.29	1.06
06 46 36 00-0269	LF	1-1/2" x 5-1/2" Custom Shaped Appl Soft Maple	12.98	1.06
06 46 36 00-0270	LF	1-1/2" x 6-1/2" Custom Shaped Appl Soft Maple	14.82	1.14
06 46 36 00-0271	LF	1-1/2" x 7-1/2" Custom Shaped Appl Soft Maple	16.48	1.14
06 46 36 00-0272	LF	1-1/2" x 8-1/2" Custom Shaped Appl Soft Maple	18.17	1.22
06 46 36 00-0273	LF	1-1/2" x 9-1/2" Custom Shaped Appl Soft Maple	19.80	1.22
06 46 36 00-0274	LF	1-1/2" x 10-1/2" Custom Shaped Appl Soft Maple	21.59	1.31
06 46 36 00-0275	LF	1-1/2" x 11-1/2" Custom Shaped Appl Soft Maple	23.30	1.31

06 46 36 00-0276 Clear Yellow Pine *(06 46 36)*

06 46 36 00-0277	LF	3/4" x 1-1/2" Custom Shaped "C" Y Pine	3.83	0.90
06 46 36 00-0278	LF	3/4" x 2-1/2" Custom Shaped "C" Y Pine	4.40	0.90
06 46 36 00-0279	LF	3/4" x 3-1/2" Custom Shaped "C" Y Pine	4.98	0.90
06 46 36 00-0280	LF	3/4" x 4-1/2" Custom Shaped "C" Y Pine	5.55	0.98
06 46 36 00-0281	LF	3/4" x 5-1/2" Custom Shaped "C" Y Pine	6.20	0.98
06 46 36 00-0282	LF	3/4" x 6-1/2" Custom Shaped "C" Y Pine	6.86	1.06
06 46 36 00-0283	LF	3/4" x 7-1/2" Custom Shaped "C" Y Pine	7.42	1.06
06 46 36 00-0284	LF	3/4" x 8-1/2" Custom Shaped "C" Y Pine	8.01	1.06
06 46 36 00-0285	LF	1" x 1-1/2" Custom Shaped "C" Y Pine	4.27	0.90
06 46 36 00-0286	LF	1" x 2-1/2" Custom Shaped "C" Y Pine	5.03	0.90
06 46 36 00-0287	LF	1" x 3-1/2" Custom Shaped "C" Y Pine	5.76	0.98
06 46 36 00-0288	LF	1" x 4-1/2" Custom Shaped "C" Y Pine	6.54	0.98
06 46 36 00-0289	LF	1" x 5-1/2" Custom Shaped "C" Y Pine	7.36	1.06
06 46 36 00-0290	LF	1" x 6-1/2" Custom Shaped "C" Y Pine	8.21	1.06
06 46 36 00-0291	LF	1" x 7-1/2" Custom Shaped "C" Y Pine	9.18	1.06
06 46 36 00-0292	LF	1" x 8-1/2" Custom Shaped "C" Y Pine	9.98	1.14
06 46 36 00-0293	LF	1-1/2" x 1-1/2" Custom Shaped "C" Y Pine	4.83	0.90
06 46 36 00-0294	LF	1-1/2" x 2-1/2" Custom Shaped "C" Y Pine	5.79	0.98
06 46 36 00-0295	LF	1-1/2" x 3-1/2" Custom Shaped "C" Y Pine	6.74	0.98
06 46 36 00-0296	LF	1-1/2" x 4-1/2" Custom Shaped "C" Y Pine	7.70	1.06
06 46 36 00-0297	LF	1-1/2" x 5-1/2" Custom Shaped "C" Y Pine	8.66	1.06
06 46 36 00-0298	LF	1-1/2" x 6-1/2" Custom Shaped "C" Y Pine	9.79	1.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0299	LF	1-1/2" x 7-1/2" Custom Shaped "C" Y Pine	10.73	1.14
06 46 36 00-0300	LF	1-1/2" x 8-1/2" Custom Shaped "C" Y Pine	11.70	1.22
06 46 36 00-0301	LF	1-1/2" x 9-1/2" Custom Shaped "C" Y Pine	13.33	1.22
06 46 36 00-0302	LF	1-1/2" x 10-1/2" Custom Shaped "C" Y Pine	13.78	1.31
06 46 36 00-0303		Poplar *(06 46 36)*		
06 46 36 00-0304	LF	3/4" x 1-1/2" Custom Shaped Poplar	3.97	0.90
06 46 36 00-0305	LF	3/4" x 2-1/2" Custom Shaped Poplar	4.61	0.90
06 46 36 00-0306	LF	3/4" x 3-1/2" Custom Shaped Poplar	5.26	0.90
06 46 36 00-0307	LF	3/4" x 4-1/2" Custom Shaped Poplar	5.90	0.98
06 46 36 00-0308	LF	3/4" x 5-1/2" Custom Shaped Poplar	6.64	0.98
06 46 36 00-0309	LF	3/4" x 6-1/2" Custom Shaped Poplar	7.37	1.06
06 46 36 00-0310	LF	3/4" x 7-1/2" Custom Shaped Poplar	8.00	1.06
06 46 36 00-0311	LF	3/4" x 8-1/2" Custom Shaped Poplar	8.66	1.06
06 46 36 00-0312	LF	3/4" x 9-1/2" Custom Shaped Poplar	9.26	1.14
06 46 36 00-0313	LF	3/4" x 10-1/2" Custom Shaped Poplar	10.00	1.22
06 46 36 00-0314	LF	3/4" x 11-1/2" Custom Shaped Poplar	10.73	1.22
06 46 36 00-0315	LF	1" x 1-1/2" Custom Shaped Poplar	4.46	0.90
06 46 36 00-0316	LF	1" x 2-1/2" Custom Shaped Poplar	5.29	0.90
06 46 36 00-0317	LF	1" x 3-1/2" Custom Shaped Poplar	6.12	0.98
06 46 36 00-0318	LF	1" x 4-1/2" Custom Shaped Poplar	6.97	0.98
06 46 36 00-0319	LF	1" x 5-1/2" Custom Shaped Poplar	7.91	1.06
06 46 36 00-0320	LF	1" x 6-1/2" Custom Shaped Poplar	8.84	1.06
06 46 36 00-0321	LF	1" x 7-1/2" Custom Shaped Poplar	9.66	1.06
06 46 36 00-0322	LF	1" x 8-1/2" Custom Shaped Poplar	10.51	1.14
06 46 36 00-0323	LF	1" x 9-1/2" Custom Shaped Poplar	11.33	1.14
06 46 36 00-0324	LF	1" x 10-1/2" Custom Shaped Poplar	12.27	1.22
06 46 36 00-0325	LF	1" x 11-1/2" Custom Shaped Poplar	13.14	1.22
06 46 36 00-0326	LF	1-1/4" x 1-1/2" Custom Shaped Poplar	4.90	0.90
06 46 36 00-0327	LF	1-1/4" x 2-1/2" Custom Shaped Poplar	5.92	0.90
06 46 36 00-0328	LF	1-1/4" x 3-1/2" Custom Shaped Poplar	6.95	0.98
06 46 36 00-0329	LF	1-1/4" x 4-1/2" Custom Shaped Poplar	7.98	0.98
06 46 36 00-0330	LF	1-1/4" x 5-1/2" Custom Shaped Poplar	9.10	1.06
06 46 36 00-0331	LF	1-1/4" x 6-1/2" Custom Shaped Poplar	10.21	1.06
06 46 36 00-0332	LF	1-1/4" x 7-1/2" Custom Shaped Poplar	11.22	1.14
06 46 36 00-0333	LF	1-1/4" x 8-1/2" Custom Shaped Poplar	12.27	1.14
06 46 36 00-0334	LF	1-1/4" x 9-1/2" Custom Shaped Poplar	13.25	1.14
06 46 36 00-0335	LF	1-1/4" x 10-1/2" Custom Shaped Poplar	14.40	1.22
06 46 36 00-0336	LF	1-1/4" x 11-1/2" Custom Shaped Poplar	15.45	1.31
06 46 36 00-0337	LF	1-1/2" x 1-1/2" Custom Shaped Poplar	5.89	0.90
06 46 36 00-0338	LF	1-1/2" x 2-1/2" Custom Shaped Poplar	7.37	0.98
06 46 36 00-0339	LF	1-1/2" x 3-1/2" Custom Shaped Poplar	8.85	0.98
06 46 36 00-0340	LF	1-1/2" x 4-1/2" Custom Shaped Poplar	10.34	1.06
06 46 36 00-0341	LF	1-1/2" x 5-1/2" Custom Shaped Poplar	11.83	1.06
06 46 36 00-0342	LF	1-1/2" x 6-1/2" Custom Shaped Poplar	13.48	1.14
06 46 36 00-0343	LF	1-1/2" x 7-1/2" Custom Shaped Poplar	14.94	1.14
06 46 36 00-0344	LF	1-1/2" x 8-1/2" Custom Shaped Poplar	16.44	1.22
06 46 36 00-0345	LF	1-1/2" x 9-1/2" Custom Shaped Poplar	17.88	1.22
06 46 36 00-0346	LF	1-1/2" x 10-1/2" Custom Shaped Poplar	19.48	1.31
06 46 36 00-0347	LF	1-1/2" x 11-1/2" Custom Shaped Poplar	21.00	1.31
06 46 36 00-0348	LF	2" x 1-1/2" Custom Shaped Poplar	7.37	0.98
06 46 36 00-0349	LF	2" x 2-1/2" Custom Shaped Poplar	9.56	0.98
06 46 36 00-0350	LF	2" x 3-1/2" Custom Shaped Poplar	11.72	0.98
06 46 36 00-0351	LF	2" x 4-1/2" Custom Shaped Poplar	13.99	1.06
06 46 36 00-0352	LF	2" x 5-1/2" Custom Shaped Poplar	16.17	1.06
06 46 36 00-0353	LF	2" x 6-1/2" Custom Shaped Poplar	18.51	1.14
06 46 36 00-0354	LF	2" x 7-1/2" Custom Shaped Poplar	20.68	1.14
06 46 36 00-0355	LF	2" x 8-1/2" Custom Shaped Poplar	22.95	1.22
06 46 36 00-0356	LF	2" x 9-1/2" Custom Shaped Poplar	25.11	1.22
06 46 36 00-0357	LF	2" x 10-1/2" Custom Shaped Poplar	27.31	1.31
06 46 36 00-0358	LF	2" x 11-1/2" Custom Shaped Poplar	29.64	1.39
06 46 36 00-0359	LF	2-1/2" x 1-1/2" Custom Shaped Poplar	8.87	0.98
06 46 36 00-0360	LF	2-1/2" x 2-1/2" Custom Shaped Poplar	11.75	0.98
06 46 36 00-0361	LF	2-1/2" x 3-1/2" Custom Shaped Poplar	14.63	1.06
06 46 36 00-0362	LF	2-1/2" x 4-1/2" Custom Shaped Poplar	17.59	1.06
06 46 36 00-0363	LF	2-1/2" x 5-1/2" Custom Shaped Poplar	20.49	1.06
06 46 36 00-0364	LF	2-1/2" x 6-1/2" Custom Shaped Poplar	23.53	1.14
06 46 36 00-0365	LF	2-1/2" x 7-1/2" Custom Shaped Poplar	26.41	1.22
06 46 36 00-0366	LF	2-1/2" x 8-1/2" Custom Shaped Poplar	29.38	1.22
06 46 36 00-0367	LF	2-1/2" x 9-1/2" Custom Shaped Poplar	32.27	1.31
06 46 36 00-0368	LF	2-1/2" x 10-1/2" Custom Shaped Poplar	35.15	1.31
06 46 36 00-0369	LF	2-1/2" x 11-1/2" Custom Shaped Poplar	38.20	1.39
06 46 36 00-0370	LF	3-1/2" x 3-1/2" Custom Shaped Poplar	19.61	1.06
06 46 36 00-0371	LF	3-1/2" x 4-1/2" Custom Shaped Poplar	23.78	1.06
06 46 36 00-0372	LF	3-1/2" x 5-1/2" Custom Shaped Poplar	27.90	1.14
06 46 36 00-0373	LF	3-1/2" x 6-1/2" Custom Shaped Poplar	32.21	1.22
06 46 36 00-0374	LF	3-1/2" x 7-1/2" Custom Shaped Poplar	36.26	1.22
06 46 36 00-0375	LF	3-1/2" x 8-1/2" Custom Shaped Poplar	40.46	1.31
06 46 36 00-0376	LF	3-1/2" x 9-1/2" Custom Shaped Poplar	44.56	1.31
06 46 36 00-0377	LF	3-1/2" x 10-1/2" Custom Shaped Poplar	48.67	1.31
06 46 36 00-0378	LF	3-1/2" x 11-1/2" Custom Shaped Poplar	52.94	1.39
06 46 36 00-0379		Teak *(06 46 36)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0380	LF	3/4" x 1-1/2" Custom Shaped Teak	11.06	0.90
06 46 36 00-0381	LF	3/4" x 2-1/2" Custom Shaped Teak	15.25	0.90
06 46 36 00-0382	LF	3/4" x 3-1/2" Custom Shaped Teak	19.44	0.90
06 46 36 00-0383	LF	3/4" x 4-1/2" Custom Shaped Teak	23.63	0.98
06 46 36 00-0384	LF	3/4" x 5-1/2" Custom Shaped Teak	27.91	0.98
06 46 36 00-0385	LF	3/4" x 6-1/2" Custom Shaped Teak	32.18	1.06
06 46 36 00-0386	LF	3/4" x 7-1/2" Custom Shaped Teak	36.36	1.06
06 46 36 00-0387	LF	3/4" x 8-1/2" Custom Shaped Teak	40.56	1.06
06 46 36 00-0388	LF	3/4" x 9-1/2" Custom Shaped Teak	44.71	1.14
06 46 36 00-0389	LF	3/4" x 10-1/2" Custom Shaped Teak	49.00	1.22
06 46 36 00-0390	LF	3/4" x 11-1/2" Custom Shaped Teak	53.22	1.22
06 46 36 00-0391	LF	1-1/2" x 1-1/2" Custom Shaped Teak	24.29	0.90
06 46 36 00-0392	LF	1-1/2" x 2-1/2" Custom Shaped Teak	27.78	0.98
06 46 36 00-0393	LF	1-1/2" x 3-1/2" Custom Shaped Teak	36.06	0.98
06 46 36 00-0394	LF	1-1/2" x 4-1/2" Custom Shaped Teak	44.35	1.06
06 46 36 00-0395	LF	1-1/2" x 5-1/2" Custom Shaped Teak	52.64	1.06
06 46 36 00-0396	LF	1-1/2" x 6-1/2" Custom Shaped Teak	60.86	1.14
06 46 36 00-0397	LF	1-1/2" x 7-1/2" Custom Shaped Teak	69.37	1.14
06 46 36 00-0398	LF	1-1/2" x 8-1/2" Custom Shaped Teak	77.67	1.22
06 46 36 00-0399	LF	1-1/2" x 9-1/2" Custom Shaped Teak	85.91	1.22
06 46 36 00-0400	LF	1-1/2" x 10-1/2" Custom Shaped Teak	94.31	1.31
06 46 36 00-0401	LF	1-1/2" x 11-1/2" Custom Shaped Teak	102.64	1.31

06 46 36 00-0402 Ash *(06 46 36)*

06 46 36 00-0403	LF	3/4" x 1-1/2" Custom Shaped Ash	4.88	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.66*	
06 46 36 00-0404	LF	3/4" x 2-1/2" Custom Shaped Ash	5.98	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.68*	
06 46 36 00-0405	LF	3/4" x 3-1/2" Custom Shaped Ash	7.08	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0406	LF	3/4" x 4-1/2" Custom Shaped Ash	8.18	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0407	LF	3/4" x 5-1/2" Custom Shaped Ash	9.37	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0408	LF	3/4" x 6-1/2" Custom Shaped Ash	10.55	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0409	LF	3/4" x 7-1/2" Custom Shaped Ash	11.64	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0410	LF	3/4" x 8-1/2" Custom Shaped Ash	12.75	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0411	LF	3/4" x 9-1/2" Custom Shaped Ash	13.81	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0412	LF	3/4" x 10-1/2" Custom Shaped Ash	15.01	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0413	LF	3/4" x 11-1/2" Custom Shaped Ash	16.14	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0414	LF	1" x 1-1/2" Custom Shaped Ash	5.66	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.68*	
06 46 36 00-0415	LF	1" x 2-1/2" Custom Shaped Ash	7.09	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0416	LF	1" x 3-1/2" Custom Shaped Ash	8.52	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0417	LF	1" x 4-1/2" Custom Shaped Ash	9.96	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0418	LF	1" x 5-1/2" Custom Shaped Ash	11.51	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0419	LF	1" x 6-1/2" Custom Shaped Ash	13.03	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0420	LF	1" x 7-1/2" Custom Shaped Ash	14.45	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0421	LF	1" x 8-1/2" Custom Shaped Ash	15.90	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0422	LF	1" x 9-1/2" Custom Shaped Ash	17.32	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0423	LF	1" x 10-1/2" Custom Shaped Ash	18.86	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0424	LF	1" x 11-1/2" Custom Shaped Ash	20.33	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0425	LF	1-1/4" x 1-1/2" Custom Shaped Ash	6.62	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0426	LF	1-1/4" x 2-1/2" Custom Shaped Ash	8.51	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0427	LF	1-1/4" x 3-1/2" Custom Shaped Ash	10.40	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0428	LF	1-1/4" x 4-1/2" Custom Shaped Ash	12.29	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.76*	
06 46 36 00-0429	LF	1-1/4" x 5-1/2" Custom Shaped Ash	14.27	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0430	LF	1-1/4" x 6-1/2" Custom Shaped Ash	16.25	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0431	LF	1-1/4" x 7-1/2" Custom Shaped Ash	18.12	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0432	LF	1-1/4" x 8-1/2" Custom Shaped Ash	20.03	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0433	LF	1-1/4" x 9-1/2" Custom Shaped Ash	21.88	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0434	LF	1-1/4" x 10-1/2" Custom Shaped Ash	23.88	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0435	LF	1-1/4" x 11-1/2" Custom Shaped Ash	25.80	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0436	LF	1-1/2" x 1-1/2" Custom Shaped Ash	8.00	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0437	LF	1-1/2" x 2-1/2" Custom Shaped Ash	10.53	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0438	LF	1-1/2" x 3-1/2" Custom Shaped Ash	13.06	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.76*	
06 46 36 00-0439	LF	1-1/2" x 4-1/2" Custom Shaped Ash	15.61	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0440	LF	1-1/2" x 5-1/2" Custom Shaped Ash	18.15	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0441	LF	1-1/2" x 6-1/2" Custom Shaped Ash	20.85	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0442	LF	1-1/2" x 7-1/2" Custom Shaped Ash	23.42	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0443	LF	1-1/2" x 8-1/2" Custom Shaped Ash	25.93	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0444	LF	1-1/2" x 9-1/2" Custom Shaped Ash	28.42	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0445	LF	1-1/2" x 10-1/2" Custom Shaped Ash	31.32	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0446	LF	1-1/2" x 11-1/2" Custom Shaped Ash	33.65	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	

06 46 36 00-0447 Birch *(06 46 36)*

06 46 36 00-0448	LF	3/4" x 1-1/2" Custom Shaped Birch	4.45	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.66*	
06 46 36 00-0449	LF	3/4" x 2-1/2" Custom Shaped Birch	5.33	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.68*	
06 46 36 00-0450	LF	3/4" x 3-1/2" Custom Shaped Birch	6.22	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0451	LF	3/4" x 4-1/2" Custom Shaped Birch	7.10	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0452	LF	3/4" x 5-1/2" Custom Shaped Birch	8.07	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0453	LF	3/4" x 6-1/2" Custom Shaped Birch	9.04	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0454	LF	3/4" x 7-1/2" Custom Shaped Birch	9.91	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0455	LF	3/4" x 8-1/2" Custom Shaped Birch	10.81	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0456	LF	3/4" x 9-1/2" Custom Shaped Birch	11.65	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0457	LF	3/4" x 10-1/2" Custom Shaped Birch	12.64	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0458	LF	3/4" x 11-1/2" Custom Shaped Birch	13.56	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0459	LF	1" x 1-1/2" Custom Shaped Birch	5.06	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.68*	
06 46 36 00-0460	LF	1" x 2-1/2" Custom Shaped Birch	6.18	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0461	LF	1" x 3-1/2" Custom Shaped Birch	7.32	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0462	LF	1" x 4-1/2" Custom Shaped Birch	8.48	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0463	LF	1" x 5-1/2" Custom Shaped Birch	9.71	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0464	LF	1" x 6-1/2" Custom Shaped Birch	10.92	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0465	LF	1" x 7-1/2" Custom Shaped Birch	12.05	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0466	LF	1" x 8-1/2" Custom Shaped Birch	13.22	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0467	LF	1" x 9-1/2" Custom Shaped Birch	14.32	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0468	LF	1" x 10-1/2" Custom Shaped Birch	15.55	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0469	LF	1" x 11-1/2" Custom Shaped Birch	16.74	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0470	LF	1-1/4" x 1-1/2" Custom Shaped Birch	5.76	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0471	LF	1-1/4" x 2-1/2" Custom Shaped Birch	7.22	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0472	LF	1-1/4" x 3-1/2" Custom Shaped Birch	8.67	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0473	LF	1-1/4" x 4-1/2" Custom Shaped Birch	10.14	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.76*	
06 46 36 00-0474	LF	1-1/4" x 5-1/2" Custom Shaped Birch	11.68	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0475	LF	1-1/4" x 6-1/2" Custom Shaped Birch	13.23	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0476	LF	1-1/4" x 7-1/2" Custom Shaped Birch	14.67	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0477	LF	1-1/4" x 8-1/2" Custom Shaped Birch	16.15	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0478	LF	1-1/4" x 9-1/2" Custom Shaped Birch	17.56	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0479	LF	1-1/4" x 10-1/2" Custom Shaped Birch	19.14	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0480	LF	1-1/4" x 11-1/2" Custom Shaped Birch	20.62	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0481	LF	1-1/2" x 1-1/2" Custom Shaped Birch	6.85	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0482	LF	1-1/2" x 2-1/2" Custom Shaped Birch	8.81	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0483	LF	1-1/2" x 3-1/2" Custom Shaped Birch	10.76	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.76*	
06 46 36 00-0484	LF	1-1/2" x 4-1/2" Custom Shaped Birch	12.73	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0485	LF	1-1/2" x 5-1/2" Custom Shaped Birch	14.70	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0486	LF	1-1/2" x 6-1/2" Custom Shaped Birch	16.83	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0487	LF	1-1/2" x 7-1/2" Custom Shaped Birch	18.78	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0488	LF	1-1/2" x 8-1/2" Custom Shaped Birch	20.76	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0489	LF	1-1/2" x 9-1/2" Custom Shaped Birch	22.67	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0490	LF	1-1/2" x 10-1/2" Custom Shaped Birch	24.99	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0491	LF	1-1/2" x 11-1/2" Custom Shaped Birch	26.75	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	

06 46 36 00-0492 Fir *(06 46 36)*

06 46 36 00-0493	LF	3/4" x 1-1/2" Custom Shaped Fir	4.59	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.66*	
06 46 36 00-0494	LF	3/4" x 2-1/2" Custom Shaped Fir	5.55	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.68*	
06 46 36 00-0495	LF	3/4" x 3-1/2" Custom Shaped Fir	6.51	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0496	LF	3/4" x 4-1/2" Custom Shaped Fir	7.46	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0497	LF	3/4" x 5-1/2" Custom Shaped Fir	8.50	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0498	LF	3/4" x 6-1/2" Custom Shaped Fir	9.55	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0499	LF	3/4" x 7-1/2" Custom Shaped Fir	10.49	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0500	LF	3/4" x 8-1/2" Custom Shaped Fir	11.46	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0501	LF	3/4" x 9-1/2" Custom Shaped Fir	12.37	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0502	LF	3/4" x 10-1/2" Custom Shaped Fir	13.43	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0503	LF	1" x 1-1/2" Custom Shaped Fir	5.30	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.68*	
06 46 36 00-0504	LF	1" x 2-1/2" Custom Shaped Fir	6.54	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0505	LF	1" x 3-1/2" Custom Shaped Fir	7.80	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0506	LF	1" x 4-1/2" Custom Shaped Fir	9.07	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0507	LF	1" x 5-1/2" Custom Shaped Fir	10.43	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0508	LF	1" x 6-1/2" Custom Shaped Fir	11.76	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0509	LF	1" x 7-1/2" Custom Shaped Fir	13.01	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0510	LF	1" x 8-1/2" Custom Shaped Fir	14.30	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0511	LF	1" x 9-1/2" Custom Shaped Fir	15.52	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0512	LF	1" x 10-1/2" Custom Shaped Fir	16.92	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0513	LF	1" x 11-1/2" Custom Shaped Fir	18.17	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0514	LF	1-1/4" x 1-1/2" Custom Shaped Fir	5.83	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.70*	
06 46 36 00-0515	LF	1-1/4" x 2-1/2" Custom Shaped Fir	7.34	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0516	LF	1-1/4" x 3-1/2" Custom Shaped Fir	8.82	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0517	LF	1-1/4" x 4-1/2" Custom Shaped Fir	10.33	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.76*	
06 46 36 00-0518	LF	1-1/4" x 5-1/2" Custom Shaped Fir	11.90	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0519	LF	1-1/4" x 6-1/2" Custom Shaped Fir	13.49	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0520	LF	1-1/4" x 7-1/2" Custom Shaped Fir	14.96	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0521	LF	1-1/4" x 8-1/2" Custom Shaped Fir	16.48	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0522	LF	1-1/4" x 9-1/2" Custom Shaped Fir	17.92	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0523	LF	1-1/4" x 10-1/2" Custom Shaped Fir	19.55	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0524	LF	1-1/4" x 11-1/2" Custom Shaped Fir	21.06	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0525	LF	1-1/2" x 1-1/2" Custom Shaped Fir	6.56	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.72*	
06 46 36 00-0526	LF	1-1/2" x 2-1/2" Custom Shaped Fir	8.37	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0527	LF	1-1/2" x 3-1/2" Custom Shaped Fir	10.19	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.76*	
06 46 36 00-0528	LF	1-1/2" x 4-1/2" Custom Shaped Fir	12.01	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.78*	
06 46 36 00-0529	LF	1-1/2" x 5-1/2" Custom Shaped Fir	13.84	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 36 00-0530	LF	1-1/2" x 6-1/2" Custom Shaped Fir	15.82	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0531	LF	1-1/2" x 7-1/2" Custom Shaped Fir	17.63	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0532	LF	1-1/2" x 8-1/2" Custom Shaped Fir	19.46	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0533	LF	1-1/2" x 9-1/2" Custom Shaped Fir	21.24	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0534	LF	1-1/2" x 10-1/2" Custom Shaped Fir	23.17	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0535	LF	1-1/2" x 11-1/2" Custom Shaped Fir	25.03	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0536	LF	2-1/2" x 1-1/2" Custom Shaped Fir	10.16	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.75*	
06 46 36 00-0537	LF	2-1/2" x 2-1/2" Custom Shaped Fir	13.69	0.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0538	LF	2-1/2" x 3-1/2" Custom Shaped Fir	17.22	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0539	LF	2-1/2" x 4-1/2" Custom Shaped Fir	20.83	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0540	LF	2-1/2" x 5-1/2" Custom Shaped Fir	24.37	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0541	LF	2-1/2" x 6-1/2" Custom Shaped Fir	28.06	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0542	LF	2-1/2" x 7-1/2" Custom Shaped Fir	31.58	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0543	LF	2-1/2" x 8-1/2" Custom Shaped Fir	35.25	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0544	LF	2-1/2" x 9-1/2" Custom Shaped Fir	38.73	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0545	LF	2-1/2" x 10-1/2" Custom Shaped Fir	42.26	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0546	LF	3-1/2" x 3-1/2" Custom Shaped Fir	21.19	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0547	LF	3-1/2" x 4-1/2" Custom Shaped Fir	25.70	1.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0548	LF	3-1/2" x 5-1/2" Custom Shaped Fir	30.19	1.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0549	LF	3-1/2" x 6-1/2" Custom Shaped Fir	34.84	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0550	LF	3-1/2" x 7-1/2" Custom Shaped Fir	39.33	1.22
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0551	LF	3-1/2" x 8-1/2" Custom Shaped Fir	43.91	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0552	LF	3-1/2" x 9-1/2" Custom Shaped Fir	48.39	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0553	LF	3-1/2" x 10-1/2" Custom Shaped Fir	52.88	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	

06 46 36 00-0554 Maple *(06 46 36)*

06 46 36 00-0555	LF	3/4" x 1-1/2" Custom Shaped Maple	4.40	0.90
06 46 36 00-0556	LF	3/4" x 2-1/2" Custom Shaped Maple	5.26	0.90
06 46 36 00-0557	LF	3/4" x 3-1/2" Custom Shaped Maple	6.13	0.90
06 46 36 00-0558	LF	3/4" x 4-1/2" Custom Shaped Maple	6.98	0.98
06 46 36 00-0559	LF	3/4" x 5-1/2" Custom Shaped Maple	7.93	0.98
06 46 36 00-0560	LF	3/4" x 6-1/2" Custom Shaped Maple	8.88	1.06
06 46 36 00-0561	LF	3/4" x 7-1/2" Custom Shaped Maple	9.72	1.06
06 46 36 00-0562	LF	3/4" x 8-1/2" Custom Shaped Maple	10.60	1.06
06 46 36 00-0563	LF	3/4" x 9-1/2" Custom Shaped Maple	11.42	1.14
06 46 36 00-0564	LF	3/4" x 10-1/2" Custom Shaped Maple	12.37	1.22
06 46 36 00-0565	LF	3/4" x 11-1/2" Custom Shaped Maple	13.27	1.22
06 46 36 00-0566	LF	1" x 1-1/2" Custom Shaped Maple	5.06	0.90
06 46 36 00-0567	LF	1" x 2-1/2" Custom Shaped Maple	6.18	0.90
06 46 36 00-0568	LF	1" x 3-1/2" Custom Shaped Maple	7.32	0.98
06 46 36 00-0569	LF	1" x 4-1/2" Custom Shaped Maple	8.48	0.98
06 46 36 00-0570	LF	1" x 5-1/2" Custom Shaped Maple	9.71	1.06
06 46 36 00-0571	LF	1" x 6-1/2" Custom Shaped Maple	10.92	1.06
06 46 36 00-0572	LF	1" x 7-1/2" Custom Shaped Maple	12.05	1.06
06 46 36 00-0573	LF	1" x 8-1/2" Custom Shaped Maple	13.22	1.14
06 46 36 00-0574	LF	1" x 9-1/2" Custom Shaped Maple	14.32	1.14
06 46 36 00-0575	LF	1" x 10-1/2" Custom Shaped Maple	15.07	1.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0576	LF	1" x 11-1/2" Custom Shaped Maple	16.74	1.22
06 46 36 00-0577	LF	1-1/4" x 1-1/2" Custom Shaped Maple	5.62	0.90
06 46 36 00-0578	LF	1-1/4" x 2-1/2" Custom Shaped Maple	7.00	0.90
06 46 36 00-0579	LF	1-1/4" x 3-1/2" Custom Shaped Maple	8.38	0.98
06 46 36 00-0580	LF	1-1/4" x 4-1/2" Custom Shaped Maple	9.78	0.98
06 46 36 00-0581	LF	1-1/4" x 5-1/2" Custom Shaped Maple	11.25	1.06
06 46 36 00-0582	LF	1-1/4" x 6-1/2" Custom Shaped Maple	12.72	1.06
06 46 36 00-0583	LF	1-1/4" x 7-1/2" Custom Shaped Maple	14.10	1.14
06 46 36 00-0584	LF	1-1/4" x 8-1/2" Custom Shaped Maple	15.50	1.14
06 46 36 00-0585	LF	1-1/4" x 9-1/2" Custom Shaped Maple	16.84	1.14
06 46 36 00-0586	LF	1-1/4" x 10-1/2" Custom Shaped Maple	18.35	1.22
06 46 36 00-0587	LF	1-1/4" x 11-1/2" Custom Shaped Maple	19.76	1.31
06 46 36 00-0588	LF	1-1/2" x 1-1/2" Custom Shaped Maple	6.75	0.90
06 46 36 00-0589	LF	1-1/2" x 2-1/2" Custom Shaped Maple	8.66	0.98
06 46 36 00-0590	LF	1-1/2" x 3-1/2" Custom Shaped Maple	10.57	0.98
06 46 36 00-0591	LF	1-1/2" x 4-1/2" Custom Shaped Maple	12.49	1.06
06 46 36 00-0592	LF	1-1/2" x 5-1/2" Custom Shaped Maple	14.41	1.06
06 46 36 00-0593	LF	1-1/2" x 6-1/2" Custom Shaped Maple	16.49	1.14
06 46 36 00-0594	LF	1-1/2" x 7-1/2" Custom Shaped Maple	18.39	1.14
06 46 36 00-0595	LF	1-1/2" x 8-1/2" Custom Shaped Maple	20.56	1.22
06 46 36 00-0596	LF	1-1/2" x 9-1/2" Custom Shaped Maple	22.19	1.22
06 46 36 00-0597	LF	1-1/2" x 10-1/2" Custom Shaped Maple	24.27	1.31
06 46 36 00-0598	LF	1-1/2" x 11-1/2" Custom Shaped Maple	26.18	1.31
06 46 36 00-0599	LF	2" x 1-1/2" Custom Shaped Maple	8.57	0.98
06 46 36 00-0600	LF	2" x 2-1/2" Custom Shaped Maple	11.36	0.98
06 46 36 00-0601	LF	2" x 3-1/2" Custom Shaped Maple	14.12	0.98
06 46 36 00-0602	LF	2" x 4-1/2" Custom Shaped Maple	16.99	1.06
06 46 36 00-0603	LF	2" x 5-1/2" Custom Shaped Maple	19.76	1.06
06 46 36 00-0604	LF	2" x 6-1/2" Custom Shaped Maple	22.71	1.14
06 46 36 00-0605	LF	2" x 7-1/2" Custom Shaped Maple	25.47	1.14
06 46 36 00-0606	LF	2" x 8-1/2" Custom Shaped Maple	28.33	1.22
06 46 36 00-0607	LF	2" x 9-1/2" Custom Shaped Maple	31.10	1.22
06 46 36 00-0608	LF	2" x 10-1/2" Custom Shaped Maple	33.89	1.31
06 46 36 00-0609	LF	2" x 11-1/2" Custom Shaped Maple	37.07	1.39
06 46 36 00-0610	LF	3-1/2" x 3-1/2" Custom Shaped Maple	29.57	1.06
06 46 36 00-0611	LF	3-1/2" x 4-1/2" Custom Shaped Maple	36.24	1.06
06 46 36 00-0612	LF	3-1/2" x 5-1/2" Custom Shaped Maple	42.84	1.14
06 46 36 00-0613	LF	3-1/2" x 6-1/2" Custom Shaped Maple	49.60	1.22
06 46 36 00-0614	LF	3-1/2" x 7-1/2" Custom Shaped Maple	56.19	1.22
06 46 36 00-0615	LF	3-1/2" x 8-1/2" Custom Shaped Maple	62.88	1.31
06 46 36 00-0616	LF	3-1/2" x 9-1/2" Custom Shaped Maple	69.47	1.31
06 46 36 00-0617	LF	3-1/2" x 10-1/2" Custom Shaped Maple	76.07	1.31
06 46 36 00-0618	LF	3-1/2" x 11-1/2" Custom Shaped Maple	82.83	1.39

06 46 36 00-0619 Red Oak *(06 46 36)*

06 46 36 00-0620	LF	3/4" x 1-1/2" Custom Shaped Red Oak	4.69	0.90
06 46 36 00-0621	LF	3/4" x 2-1/2" Custom Shaped Red Oak	5.69	0.90
06 46 36 00-0622	LF	3/4" x 3-1/2" Custom Shaped Red Oak	6.70	0.90
06 46 36 00-0623	LF	3/4" x 4-1/2" Custom Shaped Red Oak	7.70	0.98
06 46 36 00-0624	LF	3/4" x 5-1/2" Custom Shaped Red Oak	8.79	0.98
06 46 36 00-0625	LF	3/4" x 6-1/2" Custom Shaped Red Oak	9.88	1.06
06 46 36 00-0626	LF	3/4" x 7-1/2" Custom Shaped Red Oak	10.87	1.06
06 46 36 00-0627	LF	3/4" x 8-1/2" Custom Shaped Red Oak	11.89	1.06
06 46 36 00-0628	LF	3/4" x 9-1/2" Custom Shaped Red Oak	12.85	1.14
06 46 36 00-0629	LF	3/4" x 10-1/2" Custom Shaped Red Oak	13.95	1.22
06 46 36 00-0630	LF	3/4" x 11-1/2" Custom Shaped Red Oak	14.99	1.22
06 46 36 00-0631	LF	1" x 1-1/2" Custom Shaped Red Oak	5.47	0.90
06 46 36 00-0632	LF	1" x 2-1/2" Custom Shaped Red Oak	6.82	0.90
06 46 36 00-0633	LF	1" x 3-1/2" Custom Shaped Red Oak	8.16	0.98
06 46 36 00-0634	LF	1" x 4-1/2" Custom Shaped Red Oak	10.01	0.98
06 46 36 00-0635	LF	1" x 5-1/2" Custom Shaped Red Oak	10.96	1.06
06 46 36 00-0636	LF	1" x 6-1/2" Custom Shaped Red Oak	12.40	1.06
06 46 36 00-0637	LF	1" x 7-1/2" Custom Shaped Red Oak	13.73	1.06
06 46 36 00-0638	LF	1" x 8-1/2" Custom Shaped Red Oak	15.09	1.14
06 46 36 00-0639	LF	1" x 9-1/2" Custom Shaped Red Oak	16.41	1.14
06 46 36 00-0640	LF	1" x 10-1/2" Custom Shaped Red Oak	17.88	1.22
06 46 36 00-0641	LF	1" x 11-1/2" Custom Shaped Red Oak	19.25	1.22
06 46 36 00-0642	LF	1-1/4" x 1-1/2" Custom Shaped Red Oak	6.55	0.90
06 46 36 00-0643	LF	1-1/4" x 2-1/2" Custom Shaped Red Oak	8.41	0.90
06 46 36 00-0644	LF	1-1/4" x 3-1/2" Custom Shaped Red Oak	10.25	0.98
06 46 36 00-0645	LF	1-1/4" x 4-1/2" Custom Shaped Red Oak	12.12	0.98
06 46 36 00-0646	LF	1-1/4" x 5-1/2" Custom Shaped Red Oak	14.05	1.06
06 46 36 00-0647	LF	1-1/4" x 6-1/2" Custom Shaped Red Oak	16.01	1.06
06 46 36 00-0648	LF	1-1/4" x 7-1/2" Custom Shaped Red Oak	17.83	1.14
06 46 36 00-0649	LF	1-1/4" x 8-1/2" Custom Shaped Red Oak	19.72	1.14
06 46 36 00-0650	LF	1-1/4" x 9-1/2" Custom Shaped Red Oak	21.52	1.14
06 46 36 00-0651	LF	1-1/4" x 10-1/2" Custom Shaped Red Oak	23.50	1.22
06 46 36 00-0652	LF	1-1/4" x 11-1/2" Custom Shaped Red Oak	25.37	1.31
06 46 36 00-0653	LF	1-1/2" x 1-1/2" Custom Shaped Red Oak	8.76	0.90
06 46 36 00-0654	LF	1-1/2" x 2-1/2" Custom Shaped Red Oak	11.68	0.98
06 46 36 00-0655	LF	1-1/2" x 3-1/2" Custom Shaped Red Oak	14.60	0.98
06 46 36 00-0656	LF	1-1/2" x 4-1/2" Custom Shaped Red Oak	17.52	0.98
06 46 36 00-0657	LF	1-1/2" x 5-1/2" Custom Shaped Red Oak	20.45	1.06
06 46 36 00-0658	LF	1-1/2" x 6-1/2" Custom Shaped Red Oak	23.58	1.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0659	LF	1-1/2" x 7-1/2" Custom Shaped Red Oak	26.44	1.14
06 46 36 00-0660	LF	1-1/2" x 8-1/2" Custom Shaped Red Oak	29.86	1.22
06 46 36 00-0661	LF	1-1/2" x 9-1/2" Custom Shaped Red Oak	32.26	1.22
06 46 36 00-0662	LF	1-1/2" x 10-1/2" Custom Shaped Red Oak	35.29	1.22
06 46 36 00-0663	LF	1-1/2" x 11-1/2" Custom Shaped Red Oak	38.25	1.31
06 46 36 00-0664	LF	2" x 1-1/2" Custom Shaped Red Oak	12.88	0.98
06 46 36 00-0665	LF	2" x 2-1/2" Custom Shaped Red Oak	17.82	0.98
06 46 36 00-0666	LF	2" x 3-1/2" Custom Shaped Red Oak	22.74	0.98
06 46 36 00-0667	LF	2" x 4-1/2" Custom Shaped Red Oak	27.76	1.06
06 46 36 00-0668	LF	2" x 5-1/2" Custom Shaped Red Oak	32.69	1.06
06 46 36 00-0669	LF	2" x 6-1/2" Custom Shaped Red Oak	37.80	1.14
06 46 36 00-0670	LF	2" x 7-1/2" Custom Shaped Red Oak	42.71	1.14
06 46 36 00-0671	LF	2" x 8-1/2" Custom Shaped Red Oak	47.74	1.22
06 46 36 00-0672	LF	2" x 9-1/2" Custom Shaped Red Oak	52.66	1.22
06 46 36 00-0673	LF	2" x 10-1/2" Custom Shaped Red Oak	57.61	1.31
06 46 36 00-0674	LF	2" x 11-1/2" Custom Shaped Red Oak	62.70	1.39
06 46 36 00-0675		**White Oak** *(06 46 36)*		
06 46 36 00-0676	LF	3/4" x 1-1/2" Custom Shaped White Oak	4.74	0.90
06 46 36 00-0677	LF	3/4" x 2-1/2" Custom Shaped White Oak	5.76	0.90
06 46 36 00-0678	LF	3/4" x 3-1/2" Custom Shaped White Oak	6.80	0.90
06 46 36 00-0679	LF	3/4" x 4-1/2" Custom Shaped White Oak	7.82	0.98
06 46 36 00-0680	LF	3/4" x 5-1/2" Custom Shaped White Oak	8.94	0.98
06 46 36 00-0681	LF	3/4" x 6-1/2" Custom Shaped White Oak	10.05	1.06
06 46 36 00-0682	LF	3/4" x 7-1/2" Custom Shaped White Oak	11.06	1.06
06 46 36 00-0683	LF	3/4" x 8-1/2" Custom Shaped White Oak	12.11	1.06
06 46 36 00-0684	LF	3/4" x 9-1/2" Custom Shaped White Oak	13.09	1.14
06 46 36 00-0685	LF	3/4" x 10-1/2" Custom Shaped White Oak	14.22	1.22
06 46 36 00-0686	LF	3/4" x 11-1/2" Custom Shaped White Oak	15.28	1.22
06 46 36 00-0687	LF	1" x 1-1/2" Custom Shaped White Oak	5.47	0.90
06 46 36 00-0688	LF	1" x 2-1/2" Custom Shaped White Oak	6.82	0.90
06 46 36 00-0689	LF	1" x 3-1/2" Custom Shaped White Oak	8.16	0.98
06 46 36 00-0690	LF	1" x 4-1/2" Custom Shaped White Oak	10.01	0.98
06 46 36 00-0691	LF	1" x 5-1/2" Custom Shaped White Oak	10.96	1.06
06 46 36 00-0692	LF	1" x 6-1/2" Custom Shaped White Oak	12.40	1.06
06 46 36 00-0693	LF	1" x 7-1/2" Custom Shaped White Oak	13.73	1.06
06 46 36 00-0694	LF	1" x 8-1/2" Custom Shaped White Oak	15.09	1.14
06 46 36 00-0695	LF	1" x 9-1/2" Custom Shaped White Oak	16.41	1.14
06 46 36 00-0696	LF	1" x 10-1/2" Custom Shaped White Oak	17.88	1.22
06 46 36 00-0697	LF	1" x 11-1/2" Custom Shaped White Oak	19.25	1.22
06 46 36 00-0698	LF	1-1/4" x 1-1/2" Custom Shaped White Oak	6.62	0.90
06 46 36 00-0699	LF	1-1/4" x 2-1/2" Custom Shaped White Oak	8.51	0.90
06 46 36 00-0700	LF	1-1/4" x 3-1/2" Custom Shaped White Oak	10.40	0.98
06 46 36 00-0701	LF	1-1/4" x 4-1/2" Custom Shaped White Oak	12.29	0.98
06 46 36 00-0702	LF	1-1/4" x 5-1/2" Custom Shaped White Oak	14.27	1.06
06 46 36 00-0703	LF	1-1/4" x 6-1/2" Custom Shaped White Oak	16.25	1.06
06 46 36 00-0704	LF	1-1/4" x 7-1/2" Custom Shaped White Oak	18.12	1.14
06 46 36 00-0705	LF	1-1/4" x 8-1/2" Custom Shaped White Oak	20.03	1.14
06 46 36 00-0706	LF	1-1/4" x 9-1/2" Custom Shaped White Oak	21.88	1.14
06 46 36 00-0707	LF	1-1/4" x 10-1/2" Custom Shaped White Oak	23.88	1.22
06 46 36 00-0708	LF	1-1/4" x 11-1/2" Custom Shaped White Oak	25.80	1.31
06 46 36 00-0709	LF	1-1/2" x 1-1/2" Custom Shaped White Oak	10.20	0.90
06 46 36 00-0710	LF	1-1/2" x 2-1/2" Custom Shaped White Oak	13.84	0.98
06 46 36 00-0711	LF	1-1/2" x 3-1/2" Custom Shaped White Oak	17.47	0.98
06 46 36 00-0712	LF	1-1/2" x 4-1/2" Custom Shaped White Oak	21.12	1.06
06 46 36 00-0713	LF	1-1/2" x 5-1/2" Custom Shaped White Oak	24.76	1.06
06 46 36 00-0714	LF	1-1/2" x 6-1/2" Custom Shaped White Oak	28.57	1.14
06 46 36 00-0715	LF	1-1/2" x 7-1/2" Custom Shaped White Oak	32.19	1.14
06 46 36 00-0716	LF	1-1/2" x 8-1/2" Custom Shaped White Oak	35.85	1.22
06 46 36 00-0717	LF	1-1/2" x 9-1/2" Custom Shaped White Oak	38.96	1.22
06 46 36 00-0718	LF	1-1/2" x 10-1/2" Custom Shaped White Oak	43.20	1.31
06 46 36 00-0719	LF	1-1/2" x 11-1/2" Custom Shaped White Oak	46.87	1.31
06 46 36 00-0720		**White Pine** *(06 46 36)*		
06 46 36 00-0721	LF	3/4" x 1-1/2" Custom Shaped White Pine	5.17	0.90
06 46 36 00-0722	LF	3/4" x 2-1/2" Custom Shaped White Pine	6.41	0.90
06 46 36 00-0723	LF	3/4" x 3-1/2" Custom Shaped White Pine	7.66	0.90
06 46 36 00-0724	LF	3/4" x 4-1/2" Custom Shaped White Pine	8.90	0.98
06 46 36 00-0725	LF	3/4" x 5-1/2" Custom Shaped White Pine	10.23	0.98
06 46 36 00-0726	LF	3/4" x 6-1/2" Custom Shaped White Pine	11.56	1.06
06 46 36 00-0727	LF	3/4" x 7-1/2" Custom Shaped White Pine	12.79	1.06
06 46 36 00-0728	LF	3/4" x 8-1/2" Custom Shaped White Pine	14.05	1.06
06 46 36 00-0729	LF	3/4" x 9-1/2" Custom Shaped White Pine	15.97	1.14
06 46 36 00-0730	LF	3/4" x 10-1/2" Custom Shaped White Pine	17.38	1.22
06 46 36 00-0731	LF	1" x 1-1/2" Custom Shaped White Pine	5.70	0.90
06 46 36 00-0732	LF	1" x 2-1/2" Custom Shaped White Pine	7.18	0.90
06 46 36 00-0733	LF	1" x 3-1/2" Custom Shaped White Pine	8.64	0.98
06 46 36 00-0734	LF	1" x 4-1/2" Custom Shaped White Pine	10.13	0.98
06 46 36 00-0735	LF	1" x 5-1/2" Custom Shaped White Pine	11.67	1.06
06 46 36 00-0736	LF	1" x 6-1/2" Custom Shaped White Pine	13.24	1.06
06 46 36 00-0737	LF	1" x 7-1/2" Custom Shaped White Pine	14.69	1.06
06 46 36 00-0738	LF	1" x 8-1/2" Custom Shaped White Pine	16.19	1.14
06 46 36 00-0739	LF	1" x 9-1/2" Custom Shaped White Pine	17.60	1.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0740	LF	1" x 10-1/2" Custom Shaped White Pine	19.19	1.22
06 46 36 00-0741	LF	1" x 11-1/2" Custom Shaped White Pine	20.69	1.22
06 46 36 00-0742	LF	1-1/4" x 1-1/2" Custom Shaped White Pine	6.34	0.90
06 46 36 00-0743	LF	1-1/4" x 2-1/2" Custom Shaped White Pine	8.08	0.90
06 46 36 00-0744	LF	1-1/4" x 3-1/2" Custom Shaped White Pine	9.87	0.98
06 46 36 00-0745	LF	1-1/4" x 4-1/2" Custom Shaped White Pine	11.57	0.98
06 46 36 00-0746	LF	1-1/4" x 5-1/2" Custom Shaped White Pine	13.41	1.06
06 46 36 00-0747	LF	1-1/4" x 6-1/2" Custom Shaped White Pine	15.24	1.06
06 46 36 00-0748	LF	1-1/4" x 7-1/2" Custom Shaped White Pine	16.97	1.14
06 46 36 00-0749	LF	1-1/4" x 8-1/2" Custom Shaped White Pine	18.74	1.14
06 46 36 00-0750	LF	1-1/4" x 9-1/2" Custom Shaped White Pine	20.44	1.14
06 46 36 00-0751	LF	1-1/4" x 10-1/2" Custom Shaped White Pine	22.30	1.22
06 46 36 00-0752	LF	1-1/4" x 11-1/2" Custom Shaped White Pine	24.07	1.31
06 46 36 00-0753	LF	1-1/2" x 1-1/2" Custom Shaped White Pine	7.71	0.90
06 46 36 00-0754	LF	1-1/2" x 2-1/2" Custom Shaped White Pine	10.10	0.98
06 46 36 00-0755	LF	1-1/2" x 3-1/2" Custom Shaped White Pine	12.49	0.98
06 46 36 00-0756	LF	1-1/2" x 4-1/2" Custom Shaped White Pine	14.89	1.06
06 46 36 00-0757	LF	1-1/2" x 5-1/2" Custom Shaped White Pine	17.29	1.06
06 46 36 00-0758	LF	1-1/2" x 6-1/2" Custom Shaped White Pine	19.85	1.14
06 46 36 00-0759	LF	1-1/2" x 7-1/2" Custom Shaped White Pine	22.23	1.14
06 46 36 00-0760	LF	1-1/2" x 8-1/2" Custom Shaped White Pine	24.64	1.22
06 46 36 00-0761	LF	1-1/2" x 9-1/2" Custom Shaped White Pine	27.46	1.22
06 46 36 00-0762	LF	1-1/2" x 10-1/2" Custom Shaped White Pine	29.50	1.31
06 46 36 00-0763	LF	1-1/2" x 11-1/2" Custom Shaped White Pine	31.92	1.31
06 46 36 00-0764	LF	2" x 1-1/2" Custom Shaped White Pine	11.32	0.98
06 46 36 00-0765	LF	2" x 2-1/2" Custom Shaped White Pine	15.48	0.98
06 46 36 00-0766	LF	2" x 3-1/2" Custom Shaped White Pine	19.63	0.98
06 46 36 00-0767	LF	2" x 4-1/2" Custom Shaped White Pine	23.86	1.06
06 46 36 00-0768	LF	2" x 5-1/2" Custom Shaped White Pine	28.02	1.06
06 46 36 00-0769	LF	2" x 6-1/2" Custom Shaped White Pine	32.33	1.14
06 46 36 00-0770	LF	2" x 7-1/2" Custom Shaped White Pine	36.49	1.14
06 46 36 00-0771	LF	2" x 8-1/2" Custom Shaped White Pine	40.72	1.22
06 46 36 00-0772	LF	2" x 9-1/2" Custom Shaped White Pine	44.87	1.22
06 46 36 00-0773	LF	2" x 10-1/2" Custom Shaped White Pine	49.03	1.31
06 46 36 00-0774	LF	2" x 11-1/2" Custom Shaped White Pine	53.36	1.39
06 46 36 00-0775	LF	2-1/2" x 1-1/2" Custom Shaped White Pine	13.32	0.98
06 46 36 00-0776	LF	2-1/2" x 2-1/2" Custom Shaped White Pine	18.43	0.98
06 46 36 00-0777	LF	2-1/2" x 3-1/2" Custom Shaped White Pine	23.54	1.06
06 46 36 00-0778	LF	2-1/2" x 4-1/2" Custom Shaped White Pine	28.73	1.06
06 46 36 00-0779	LF	2-1/2" x 5-1/2" Custom Shaped White Pine	33.85	1.06
06 46 36 00-0780	LF	2-1/2" x 6-1/2" Custom Shaped White Pine	39.12	1.14
06 46 36 00-0781	LF	2-1/2" x 7-1/2" Custom Shaped White Pine	44.23	1.22
06 46 36 00-0782	LF	2-1/2" x 8-1/2" Custom Shaped White Pine	49.43	1.22
06 46 36 00-0783	LF	2-1/2" x 9-1/2" Custom Shaped White Pine	54.54	1.31
06 46 36 00-0784	LF	2-1/2" x 10-1/2" Custom Shaped White Pine	59.65	1.31
06 46 36 00-0785	LF	2-1/2" x 11-1/2" Custom Shaped White Pine	64.93	1.39
06 46 36 00-0786	LF	3-1/2" x 3-1/2" Custom Shaped White Pine	32.25	1.06
06 46 36 00-0787	LF	3-1/2" x 4-1/2" Custom Shaped White Pine	39.59	1.06
06 46 36 00-0788	LF	3-1/2" x 5-1/2" Custom Shaped White Pine	46.87	1.14
06 46 36 00-0789	LF	3-1/2" x 6-1/2" Custom Shaped White Pine	54.29	1.22
06 46 36 00-0790	LF	3-1/2" x 7-1/2" Custom Shaped White Pine	61.56	1.22
06 46 36 00-0791	LF	3-1/2" x 8-1/2" Custom Shaped White Pine	68.91	1.31
06 46 36 00-0792	LF	3-1/2" x 9-1/2" Custom Shaped White Pine	76.18	1.31
06 46 36 00-0793	LF	3-1/2" x 10-1/2" Custom Shaped White Pine	83.45	1.31
06 46 36 00-0794	LF	3-1/2" x 11-1/2" Custom Shaped White Pine	90.88	1.39

06 46 36 00-0795 Clear Heart Redwood *(06 46 36)*

06 46 36 00-0796	LF	3/4" x 1-1/2" Custom Shaped Clear Heart Redwood	4.64	0.90
06 46 36 00-0797	LF	3/4" x 2-1/2" Custom Shaped Clear Heart Redwood	5.62	0.90
06 46 36 00-0798	LF	3/4" x 3-1/2" Custom Shaped Clear Heart Redwood	6.61	0.90
06 46 36 00-0799	LF	3/4" x 4-1/2" Custom Shaped Clear Heart Redwood	7.58	0.98
06 46 36 00-0800	LF	3/4" x 5-1/2" Custom Shaped Clear Heart Redwood	8.65	0.98
06 46 36 00-0801	LF	3/4" x 6-1/2" Custom Shaped Clear Heart Redwood	9.71	1.06
06 46 36 00-0802	LF	3/4" x 7-1/2" Custom Shaped Clear Heart Redwood	11.64	1.06
06 46 36 00-0803	LF	3/4" x 8-1/2" Custom Shaped Clear Heart Redwood	12.75	1.06
06 46 36 00-0804	LF	3/4" x 9-1/2" Custom Shaped Clear Heart Redwood	12.83	1.14
06 46 36 00-0805	LF	3/4" x 10-1/2" Custom Shaped Clear Heart Redwood	13.69	1.22
06 46 36 00-0806	LF	1" x 1-1/2" Custom Shaped Clear Heart Redwood	5.42	0.90
06 46 36 00-0807	LF	1" x 2-1/2" Custom Shaped Clear Heart Redwood	6.73	0.90
06 46 36 00-0808	LF	1" x 3-1/2" Custom Shaped Clear Heart Redwood	8.04	0.98
06 46 36 00-0809	LF	1" x 4-1/2" Custom Shaped Clear Heart Redwood	9.36	0.98
06 46 36 00-0810	LF	1" x 5-1/2" Custom Shaped Clear Heart Redwood	10.79	1.06
06 46 36 00-0811	LF	1" x 6-1/2" Custom Shaped Clear Heart Redwood	12.19	1.06
06 46 36 00-0812	LF	1" x 7-1/2" Custom Shaped Clear Heart Redwood	15.17	1.06
06 46 36 00-0813	LF	1" x 8-1/2" Custom Shaped Clear Heart Redwood	16.71	1.14
06 46 36 00-0814	LF	1" x 9-1/2" Custom Shaped Clear Heart Redwood	18.20	1.14
06 46 36 00-0815	LF	1" x 10-1/2" Custom Shaped Clear Heart Redwood	19.84	1.22
06 46 36 00-0816	LF	1-1/2" x 1-1/2" Custom Shaped Clear Heart Redwood	6.85	0.90
06 46 36 00-0817	LF	1-1/2" x 2-1/2" Custom Shaped Clear Heart Redwood	8.81	0.98
06 46 36 00-0818	LF	1-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	10.76	0.98
06 46 36 00-0819	LF	1-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	12.73	1.06
06 46 36 00-0820	LF	1-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	14.70	1.06
06 46 36 00-0821	LF	1-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	16.88	1.14
06 46 36 00-0822	LF	1-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	22.23	1.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0823	LF	1-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	24.64	1.22
06 46 36 00-0824	LF	1-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	28.90	1.22
06 46 36 00-0825	LF	1-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	31.60	1.31
06 46 36 00-0826	LF	3-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	30.34	1.06
06 46 36 00-0827	LF	3-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	37.20	1.06
06 46 36 00-0828	LF	3-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	43.99	1.14
06 46 36 00-0829	LF	3-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	50.94	1.22
06 46 36 00-0830	LF	3-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	57.73	1.22
06 46 36 00-0831	LF	3-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	64.60	1.31
06 46 36 00-0832	LF	3-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	71.39	1.31
06 46 36 00-0833	LF	3-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	78.18	1.31
06 46 36 00-0834	LF	3-1/2" x 11-1/2" Custom Shaped Clear Heart Redwood	85.13	1.39
06 46 36 00-0835		**Walnut** *(06 46 36)*		
06 46 36 00-0836	LF	3/4" x 1-1/2" Custom Shaped Walnut	6.51	0.90
06 46 36 00-0837	LF	3/4" x 2-1/2" Custom Shaped Walnut	8.42	0.90
06 46 36 00-0838	LF	3/4" x 3-1/2" Custom Shaped Walnut	10.34	0.90
06 46 36 00-0839	LF	3/4" x 4-1/2" Custom Shaped Walnut	12.25	0.98
06 46 36 00-0840	LF	3/4" x 5-1/2" Custom Shaped Walnut	14.25	0.98
06 46 36 00-0841	LF	3/4" x 6-1/2" Custom Shaped Walnut	16.25	1.06
06 46 36 00-0842	LF	3/4" x 7-1/2" Custom Shaped Walnut	18.15	1.06
06 46 36 00-0843	LF	3/4" x 8-1/2" Custom Shaped Walnut	20.08	1.06
06 46 36 00-0844	LF	3/4" x 9-1/2" Custom Shaped Walnut	21.95	1.14
06 46 36 00-0845	LF	3/4" x 10-1/2" Custom Shaped Walnut	23.97	1.22
06 46 36 00-0846	LF	3/4" x 11-1/2" Custom Shaped Walnut	25.92	1.22
06 46 36 00-0847	LF	1" x 1-1/2" Custom Shaped Walnut	7.62	0.90
06 46 36 00-0848	LF	1" x 2-1/2" Custom Shaped Walnut	10.06	0.90
06 46 36 00-0849	LF	1" x 3-1/2" Custom Shaped Walnut	12.47	0.98
06 46 36 00-0850	LF	1" x 4-1/2" Custom Shaped Walnut	14.92	0.98
06 46 36 00-0851	LF	1" x 5-1/2" Custom Shaped Walnut	17.42	1.06
06 46 36 00-0852	LF	1" x 6-1/2" Custom Shaped Walnut	19.95	1.06
06 46 36 00-0853	LF	1" x 7-1/2" Custom Shaped Walnut	22.35	1.06
06 46 36 00-0854	LF	1" x 8-1/2" Custom Shaped Walnut	24.81	1.14
06 46 36 00-0855	LF	1" x 9-1/2" Custom Shaped Walnut	27.18	1.14
06 46 36 00-0856	LF	1" x 10-1/2" Custom Shaped Walnut	29.73	1.22
06 46 36 00-0857	LF	1" x 11-1/2" Custom Shaped Walnut	32.19	1.22
06 46 36 00-0858	LF	1-1/4" x 1-1/2" Custom Shaped Walnut	9.14	0.90
06 46 36 00-0859	LF	1-1/4" x 2-1/2" Custom Shaped Walnut	12.29	0.90
06 46 36 00-0860	LF	1-1/4" x 3-1/2" Custom Shaped Walnut	15.43	0.98
06 46 36 00-0861	LF	1-1/4" x 4-1/2" Custom Shaped Walnut	18.59	0.98
06 46 36 00-0862	LF	1-1/4" x 5-1/2" Custom Shaped Walnut	21.81	1.06
06 46 36 00-0863	LF	1-1/4" x 6-1/2" Custom Shaped Walnut	25.06	1.06
06 46 36 00-0864	LF	1-1/4" x 7-1/2" Custom Shaped Walnut	28.18	1.14
06 46 36 00-0865	LF	1-1/4" x 8-1/2" Custom Shaped Walnut	31.36	1.14
06 46 36 00-0866	LF	1-1/4" x 9-1/2" Custom Shaped Walnut	34.45	1.14
06 46 36 00-0867	LF	1-1/4" x 10-1/2" Custom Shaped Walnut	37.73	1.22
06 46 36 00-0868	LF	1-1/4" x 11-1/2" Custom Shaped Walnut	40.89	1.31
06 46 36 00-0869	LF	1-1/2" x 1-1/2" Custom Shaped Walnut	12.02	0.90
06 46 36 00-0870	LF	1-1/2" x 2-1/2" Custom Shaped Walnut	16.57	0.98
06 46 36 00-0871	LF	1-1/2" x 3-1/2" Custom Shaped Walnut	21.11	0.98
06 46 36 00-0872	LF	1-1/2" x 4-1/2" Custom Shaped Walnut	25.67	1.06
06 46 36 00-0873	LF	1-1/2" x 5-1/2" Custom Shaped Walnut	30.22	1.06
06 46 36 00-0874	LF	1-1/2" x 6-1/2" Custom Shaped Walnut	34.94	1.14
06 46 36 00-0875	LF	1-1/2" x 7-1/2" Custom Shaped Walnut	39.47	1.14
06 46 36 00-0876	LF	1-1/2" x 8-1/2" Custom Shaped Walnut	44.04	1.22
06 46 36 00-0877	LF	1-1/2" x 9-1/2" Custom Shaped Walnut	49.02	1.22
06 46 36 00-0878	LF	1-1/2" x 10-1/2" Custom Shaped Walnut	53.21	1.31
06 46 36 00-0879	LF	1-1/2" x 11-1/2" Custom Shaped Walnut	57.79	1.31
06 46 36 00-0880	LF	2" x 1-1/2" Custom Shaped Walnut	19.47	0.98
06 46 36 00-0881	LF	2" x 2-1/2" Custom Shaped Walnut	27.69	0.98
06 46 36 00-0882	LF	2" x 3-1/2" Custom Shaped Walnut	35.92	0.98
06 46 36 00-0883	LF	2" x 4-1/2" Custom Shaped Walnut	44.22	1.06
06 46 36 00-0884	LF	2" x 5-1/2" Custom Shaped Walnut	52.46	1.06
06 46 36 00-0885	LF	2" x 6-1/2" Custom Shaped Walnut	60.84	1.14
06 46 36 00-0886	LF	2" x 7-1/2" Custom Shaped Walnut	69.06	1.14
06 46 36 00-0887	LF	2" x 8-1/2" Custom Shaped Walnut	77.37	1.22
06 46 36 00-0888	LF	2" x 9-1/2" Custom Shaped Walnut	85.59	1.22
06 46 36 00-0889	LF	2" x 10-1/2" Custom Shaped Walnut	93.83	1.31
06 46 36 00-0890	LF	2" x 11-1/2" Custom Shaped Walnut	102.22	1.39
06 46 36 00-0891	LF	2-1/2" x 1-1/2" Custom Shaped Walnut	24.10	0.98
06 46 36 00-0892	LF	2-1/2" x 2-1/2" Custom Shaped Walnut	34.60	0.98
06 46 36 00-0893	LF	2-1/2" x 3-1/2" Custom Shaped Walnut	45.10	1.06
06 46 36 00-0894	LF	2-1/2" x 4-1/2" Custom Shaped Walnut	55.68	1.06
06 46 36 00-0895	LF	2-1/2" x 5-1/2" Custom Shaped Walnut	66.19	1.06
06 46 36 00-0896	LF	2-1/2" x 6-1/2" Custom Shaped Walnut	76.85	1.14
06 46 36 00-0897	LF	2-1/2" x 7-1/2" Custom Shaped Walnut	87.35	1.22
06 46 36 00-0898	LF	2-1/2" x 8-1/2" Custom Shaped Walnut	97.94	1.22
06 46 36 00-0899	LF	2-1/2" x 9-1/2" Custom Shaped Walnut	108.44	1.31
06 46 36 00-0900	LF	2-1/2" x 10-1/2" Custom Shaped Walnut	118.94	1.31
06 46 36 00-0901	LF	2-1/2" x 11-1/2" Custom Shaped Walnut	129.61	1.39

06 48 Wood Frames *(06 40)*

Note: All door frames include perimeter caulk, sealant (as required), anchors and silencers.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 48 13 Exterior Wood Door Frames *(06 48)*

06 48 13 00-0001 Exterior Door Frames *(06 48 13)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.

06 48 13 00-0002	EA	3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	233.03	46.26
		For Birch, Add	*49.21*	
		For Mahogany, Add	*119.50*	
06 48 13 00-0003	EA	3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	245.06	48.47
		For Birch, Add	*51.99*	
		For Mahogany, Add	*126.26*	
06 48 13 00-0004	EA	4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	257.13	50.36
		For Birch, Add	*54.77*	
		For Mahogany, Add	*133.02*	
06 48 13 00-0005	EA	5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	280.22	53.90
		For Birch, Add	*60.33*	
		For Mahogany, Add	*146.51*	
06 48 13 00-0006	EA	6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	303.82	57.77
		For Birch, Add	*65.89*	
		For Mahogany, Add	*160.03*	
06 48 13 00-0007	EA	3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	351.08	46.42
06 48 13 00-0008	EA	3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	357.32	48.47
06 48 13 00-0009	EA	4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	363.53	50.54
06 48 13 00-0010	EA	5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	374.40	53.82
06 48 13 00-0011	EA	6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	386.98	57.93
06 48 13 00-0012	EA	3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	273.74	46.42
06 48 13 00-0013	EA	3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	286.96	48.47
06 48 13 00-0014	EA	4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	300.25	50.54
06 48 13 00-0015	EA	5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	325.07	53.82
06 48 13 00-0016	EA	6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	351.53	57.93

06 48 16 Interior Wood Door Frames *(06 48)*

06 48 16 00-0001 Interior Door Frames *(06 48 16)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

06 48 16 00-0002	EA	2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	116.78	22.02
		For Oak Or Maple, Add	*22.56*	
		For Birch, Add	*25.47*	
		For Mahogany, Add	*61.85*	
		For Walnut Frame, Add	*32.74*	
06 48 16 00-0003	EA	2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	117.60	22.11
		For Oak Or Maple, Add	*22.74*	
		For Birch, Add	*25.68*	
		For Mahogany, Add	*62.36*	
		For Walnut Frame, Add	*33.02*	
06 48 16 00-0004	EA	2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	119.02	22.51
		For Oak Or Maple, Add	*22.92*	
		For Birch, Add	*25.88*	
		For Mahogany, Add	*62.84*	
		For Walnut Frame, Add	*33.27*	
06 48 16 00-0005	EA	3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	120.88	23.09
		For Oak Or Maple, Add	*23.14*	
		For Birch, Add	*26.13*	
		For Mahogany, Add	*63.46*	
		For Walnut Frame, Add	*33.60*	
06 48 16 00-0006	EA	3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	123.65	23.67
		For Oak Or Maple, Add	*23.63*	
		For Birch, Add	*26.68*	
		For Mahogany, Add	*64.80*	
		For Walnut Frame, Add	*34.31*	
06 48 16 00-0007	EA	4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	130.59	25.14
		For Oak Or Maple, Add	*24.88*	
		For Birch, Add	*28.09*	
		For Mahogany, Add	*68.23*	
		For Walnut Frame, Add	*36.12*	
06 48 16 00-0008	EA	5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	138.76	27.19
		For Oak Or Maple, Add	*26.14*	
		For Birch, Add	*29.51*	
		For Mahogany, Add	*71.67*	
		For Walnut Frame, Add	*37.94*	
06 48 16 00-0009	EA	6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	146.12	28.92
		For Oak Or Maple, Add	*27.39*	
		For Birch, Add	*30.92*	
		For Mahogany, Add	*75.09*	
		For Walnut Frame, Add	*39.75*	
06 48 16 00-0010	LF	4-9/16", Pine Interior Door Frame	5.27	1.97
		For Oak Or Maple, Add	*0.41*	
		For Birch, Add	*0.47*	
		For Mahogany, Add	*1.13*	
		For Walnut Frame, Add	*0.60*	

06 49 Wood Screens and Exterior Wood Shutters *(06 40)*

06 49 19 Exterior Wood Shutters *(06 49)*

See CSI section 10 71 13 13-0000 for exterior shutters.

06 50 Structural Plastics *(06)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 51 Structural Plastic Shapes And Plates *(06 50)*

06 51 13 Plastic Lumber *(06 51)*

Note: Available in gray, redwood, black. Plastic lumber can be cut with saw for desired length or shape, drilled, screwed, nailed or stapled.

06 51 13 00-0001 Beams And Girders, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0002	LF	2" x 6", Beam Or Girder, Recycled Plastic Lumber	8.71	1.32
		For Reinforced Structural Plastic Lumber, Add	*2.52*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.61*	
		For White Color, Add	*2.90*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.46*	
06 51 13 00-0003	LF	2" x 8", Beam Or Girder, Recycled Plastic Lumber	10.76	1.44
		For Reinforced Structural Plastic Lumber, Add	*3.22*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.78*	
		For White Color, Add	*3.70*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.13*	
06 51 13 00-0004	LF	2" x 10", Beam Or Girder, Recycled Plastic Lumber	13.04	1.55
		For Reinforced Structural Plastic Lumber, Add	*4.01*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.97*	
		For White Color, Add	*4.60*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.90*	
06 51 13 00-0005	LF	3" x 10", Beam Or Girder, Recycled Plastic Lumber	20.61	1.84
		For Reinforced Structural Plastic Lumber, Add	*6.65*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.62*	
		For White Color, Add	*7.64*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.47*	
06 51 13 00-0006	LF	3" x 12", Beam Or Girder, Recycled Plastic Lumber	23.17	2.07
		For Reinforced Structural Plastic Lumber, Add	*7.48*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.82*	
		For White Color, Add	*8.59*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.28*	
06 51 13 00-0007	LF	4" x 4", Beam Or Girder, Recycled Plastic Lumber	11.92	1.79
		For Reinforced Structural Plastic Lumber, Add	*3.47*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.84*	
		For White Color, Add	*3.98*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.37*	
06 51 13 00-0008	LF	4" x 6", Beam Or Girder, Recycled Plastic Lumber	16.70	1.90
		For Reinforced Structural Plastic Lumber, Add	*5.18*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.26*	
		For White Color, Add	*5.95*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.04*	
06 51 13 00-0009	LF	5" x 5", Beam Or Girder, Recycled Plastic Lumber	17.61	1.96
		For Reinforced Structural Plastic Lumber, Add	*5.48*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.33*	
		For White Color, Add	*6.30*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.34*	
06 51 13 00-0010	LF	6" x 6", Beam Or Girder, Recycled Plastic Lumber	23.70	2.13
		For Reinforced Structural Plastic Lumber, Add	*7.64*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.86*	
		For White Color, Add	*8.78*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.43*	
06 51 13 00-0011	LF	6" x 8", Beam Or Girder, Recycled Plastic Lumber	31.81	2.24
		For Reinforced Structural Plastic Lumber, Add	*10.58*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.57*	
		For White Color, Add	*12.16*	
		For All Other Colors (Except Black, Brown Or White), Add	*10.30*	

06 51 13 00-0012 Joists, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0013	LF	2" x 4", Joist, Recycled Plastic Lumber	5.73	0.74
		For Reinforced Structural Plastic Lumber, Add	*1.72*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.42*	
		For White Color, Add	*1.98*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.68*	
06 51 13 00-0014	LF	2" x 6", Joist, Recycled Plastic Lumber	7.89	0.78
		For Reinforced Structural Plastic Lumber, Add	*2.52*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.61*	
		For White Color, Add	*2.90*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.46*	
06 51 13 00-0015	LF	2" x 8", Joist, Recycled Plastic Lumber	9.93	0.86
		For Reinforced Structural Plastic Lumber, Add	*3.22*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.78*	
		For White Color, Add	*3.70*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0016	LF	2" x 10", Joist, Recycled Plastic Lumber	12.31	1.04
		For Reinforced Structural Plastic Lumber, Add	*4.01*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.97*	
		For White Color, Add	*4.60*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.90*	
06 51 13 00-0017	LF	3" x 10", Joist, Recycled Plastic Lumber	19.71	1.21
		For Reinforced Structural Plastic Lumber, Add	*6.65*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.62*	
		For White Color, Add	*7.64*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.47*	
06 51 13 00-0018	LF	3" x 12", Joist, Recycled Plastic Lumber	22.43	1.55
		For Reinforced Structural Plastic Lumber, Add	*7.48*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.82*	
		For White Color, Add	*8.59*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.28*	
06 51 13 00-0019	LF	4" x 4", Joist, Recycled Plastic Lumber	10.93	1.10
		For Reinforced Structural Plastic Lumber, Add	*3.47*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.84*	
		For White Color, Add	*3.98*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.37*	
06 51 13 00-0020	LF	4" x 6", Joist, Recycled Plastic Lumber	15.63	1.15
		For Reinforced Structural Plastic Lumber, Add	*5.18*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.26*	
		For White Color, Add	*5.95*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.04*	
06 51 13 00-0021	LF	5" x 5", Joist, Recycled Plastic Lumber	16.63	1.27
		For Reinforced Structural Plastic Lumber, Add	*5.48*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.33*	
		For White Color, Add	*6.30*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.34*	
06 51 13 00-0022	LF	6" x 6", Joist, Recycled Plastic Lumber	22.70	1.44
		For Reinforced Structural Plastic Lumber, Add	*7.64*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.86*	
		For White Color, Add	*8.78*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.43*	
06 51 13 00-0023	LF	6" x 8", Joist, Recycled Plastic Lumber	30.82	1.55
		For Reinforced Structural Plastic Lumber, Add	*10.58*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.57*	
		For White Color, Add	*12.16*	
		For All Other Colors (Except Black, Brown Or White), Add	*10.30*	
06 51 13 00-0024		Columns, Recycled Plastic Lumber *(06 51 13)*		
06 51 13 00-0025	LF	4" x 4", Column, Recycled Plastic Lumber	12.74	2.36
		For Reinforced Structural Plastic Lumber, Add	*3.47*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.84*	
		For White Color, Add	*3.98*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.37*	
06 51 13 00-0026	LF	4" x 6", Column, Recycled Plastic Lumber	18.75	3.34
		For Reinforced Structural Plastic Lumber, Add	*5.18*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.26*	
		For White Color, Add	*5.95*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.04*	
06 51 13 00-0027	LF	5" x 5", Column, Recycled Plastic Lumber	20.16	3.74
		For Reinforced Structural Plastic Lumber, Add	*5.48*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.33*	
		For White Color, Add	*6.30*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.34*	
06 51 13 00-0028	LF	6" x 6", Column, Recycled Plastic Lumber	26.73	4.25
		For Reinforced Structural Plastic Lumber, Add	*7.64*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.86*	
		For White Color, Add	*8.78*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.43*	
06 51 13 00-0029	LF	6" x 8", Column, Recycled Plastic Lumber	36.07	5.23
		For Reinforced Structural Plastic Lumber, Add	*10.58*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.57*	
		For White Color, Add	*12.16*	
		For All Other Colors (Except Black, Brown Or White), Add	*10.30*	
06 51 13 00-0030		Walls, Recycled Plastic Lumber *(06 51 13)*		
06 51 13 00-0031	LF	2" x 3", Walls, Recycled Plastic Lumber	5.15	0.74
		For Reinforced Structural Plastic Lumber, Add	*1.51*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.37*	
		For White Color, Add	*1.73*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0032	LF	2" x 4", Walls, Recycled Plastic Lumber	5.90	0.86
		For Reinforced Structural Plastic Lumber, Add	*1.72*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.42*	
		For White Color, Add	*1.98*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.68*	
06 51 13 00-0033	LF	2" x 6", Walls, Recycled Plastic Lumber	8.13	0.92
		For Reinforced Structural Plastic Lumber, Add	*2.52*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.61*	
		For White Color, Add	*2.90*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.46*	
06 51 13 00-0034	LF	2" x 8", Walls, Recycled Plastic Lumber	10.09	0.97
		For Reinforced Structural Plastic Lumber, Add	*3.22*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.78*	
		For White Color, Add	*3.70*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.13*	

06 51 13 00-0035 Other Shapes, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0036	LF	5/4" x 4", Other Shapes, Recycled Plastic Lumber	4.91	0.66
		For Reinforced Structural Plastic Lumber, Add	*1.44*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.35*	
		For White Color, Add	*1.66*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.40*	
06 51 13 00-0037	LF	5/4" x 6", Other Shapes, Recycled Plastic Lumber	6.54	0.74
		For Reinforced Structural Plastic Lumber, Add	*2.02*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.49*	
		For White Color, Add	*2.32*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.97*	
06 51 13 00-0038	LF	5/4" x 8", Other Shapes, Recycled Plastic Lumber	7.42	0.74
		For Reinforced Structural Plastic Lumber, Add	*2.35*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.57*	
		For White Color, Add	*2.70*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.29*	
06 51 13 00-0039	LF	1" x 4", Other Shapes, Recycled Plastic Lumber	3.07	0.66
		For Reinforced Structural Plastic Lumber, Add	*0.76*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.19*	
		For White Color, Add	*0.88*	
		For All Other Colors (Except Black, Brown Or White), Add	*0.74*	
06 51 13 00-0040	LF	1" x 6", Other Shapes, Recycled Plastic Lumber	4.25	0.74
		For Reinforced Structural Plastic Lumber, Add	*1.18*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.29*	
		For White Color, Add	*1.35*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.14*	
06 51 13 00-0041	LF	1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber	4.25	0.74
		For Reinforced Structural Plastic Lumber, Add	*1.18*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.29*	
		For White Color, Add	*1.35*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.14*	
06 51 13 00-0042	LF	2" x 2", Other Shapes, Recycled Plastic Lumber	3.41	0.63
		For Reinforced Structural Plastic Lumber, Add	*0.93*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.23*	
		For White Color, Add	*1.07*	
		For All Other Colors (Except Black, Brown Or White), Add	*0.90*	
06 51 13 00-0043	LF	2" x 3", Other Shapes, Recycled Plastic Lumber	5.15	0.74
		For Reinforced Structural Plastic Lumber, Add	*1.51*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.37*	
		For White Color, Add	*1.73*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.47*	
06 51 13 00-0044	LF	2" x 4", Other Shapes, Recycled Plastic Lumber	5.90	0.86
		For Reinforced Structural Plastic Lumber, Add	*1.72*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.42*	
		For White Color, Add	*1.98*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.68*	
06 51 13 00-0045	LF	2" x 6", Other Shapes, Recycled Plastic Lumber	8.13	0.92
		For Reinforced Structural Plastic Lumber, Add	*2.52*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.61*	
		For White Color, Add	*2.90*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.46*	
06 51 13 00-0046	LF	2" x 8", Other Shapes, Recycled Plastic Lumber	10.09	0.97
		For Reinforced Structural Plastic Lumber, Add	*3.22*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.78*	
		For White Color, Add	*3.70*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0047	LF	2" x 10", Other Shapes, Recycled Plastic Lumber	12.31	1.04
		For Reinforced Structural Plastic Lumber, Add	*4.01*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.97*	
		For White Color, Add	*4.60*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.90*	
06 51 13 00-0048	LF	2" x 12", Other Shapes, Recycled Plastic Lumber	16.44	1.10
		For Reinforced Structural Plastic Lumber, Add	*5.51*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.34*	
		For White Color, Add	*6.33*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.36*	
06 51 13 00-0049	LF	3" x 4", Other Shapes, Recycled Plastic Lumber	8.56	1.01
		For Reinforced Structural Plastic Lumber, Add	*2.63*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.64*	
		For White Color, Add	*3.03*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.56*	
06 51 13 00-0050	LF	3" x 6", Other Shapes, Recycled Plastic Lumber	11.95	1.08
		For Reinforced Structural Plastic Lumber, Add	*3.86*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.94*	
		For White Color, Add	*4.43*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.75*	
06 51 13 00-0051	LF	3" x 8", Other Shapes, Recycled Plastic Lumber	16.23	1.15
		For Reinforced Structural Plastic Lumber, Add	*5.41*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.31*	
		For White Color, Add	*6.21*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.26*	
06 51 13 00-0052	LF	3" x 10", Other Shapes, Recycled Plastic Lumber	19.71	1.21
		For Reinforced Structural Plastic Lumber, Add	*6.65*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.62*	
		For White Color, Add	*7.64*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.47*	
06 51 13 00-0053	LF	3" x 12", Other Shapes, Recycled Plastic Lumber	22.43	1.55
		For Reinforced Structural Plastic Lumber, Add	*7.48*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.82*	
		For White Color, Add	*8.59*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.28*	
06 51 13 00-0054	LF	4" x 4", Other Shapes, Recycled Plastic Lumber	10.93	1.10
		For Reinforced Structural Plastic Lumber, Add	*3.47*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.84*	
		For White Color, Add	*3.98*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.37*	
06 51 13 00-0055	LF	4" x 6", Other Shapes, Recycled Plastic Lumber	15.63	1.15
		For Reinforced Structural Plastic Lumber, Add	*5.18*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.26*	
		For White Color, Add	*5.95*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.04*	
06 51 13 00-0056	LF	4" x 8", Other Shapes, Recycled Plastic Lumber	22.22	1.25
		For Reinforced Structural Plastic Lumber, Add	*7.56*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.84*	
		For White Color, Add	*8.69*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.36*	
06 51 13 00-0057	LF	5" x 5", Other Shapes, Recycled Plastic Lumber	16.63	1.27
		For Reinforced Structural Plastic Lumber, Add	*5.48*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.33*	
		For White Color, Add	*6.30*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.34*	
06 51 13 00-0058	LF	6" x 6", Other Shapes, Recycled Plastic Lumber	22.70	1.44
		For Reinforced Structural Plastic Lumber, Add	*7.64*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.86*	
		For White Color, Add	*8.78*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.43*	
06 51 13 00-0059	LF	6" x 8", Other Shapes, Recycled Plastic Lumber	30.82	1.55
		For Reinforced Structural Plastic Lumber, Add	*10.58*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.57*	
		For White Color, Add	*12.16*	
		For All Other Colors (Except Black, Brown Or White), Add	*10.30*	
06 51 13 00-0060	LF	6" x 12", Other Shapes, Recycled Plastic Lumber	45.53	1.73
		For Reinforced Structural Plastic Lumber, Add	*15.93*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*3.88*	
		For White Color, Add	*18.30*	
		For All Other Colors (Except Black, Brown Or White), Add	*15.50*	
06 51 13 00-0061	LF	8" x 8", Other Shapes, Recycled Plastic Lumber	39.67	1.66
		For Reinforced Structural Plastic Lumber, Add	*13.80*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*3.36*	
		For White Color, Add	*15.85*	
		For All Other Colors (Except Black, Brown Or White), Add	*13.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0062	LF	8" x 10", Other Shapes, Recycled Plastic Lumber	53.00	1.73
		For Reinforced Structural Plastic Lumber, Add	*18.70*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*4.55*	
		For White Color, Add	*21.48*	
		For All Other Colors (Except Black, Brown Or White), Add	*18.19*	
06 51 13 00-0063	LF	10" x 10", Other Shapes, Recycled Plastic Lumber	72.97	1.81
		For Reinforced Structural Plastic Lumber, Add	*26.05*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*6.34*	
		For White Color, Add	*29.92*	
		For All Other Colors (Except Black, Brown Or White), Add	*25.34*	
06 51 13 00-0064	LF	2" Diameter, Other Shapes, Recycled Plastic Lumber	3.72	0.58
		For Reinforced Structural Plastic Lumber, Add	*1.07*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.26*	
		For White Color, Add	*1.23*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.04*	
06 51 13 00-0065	LF	3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber	10.74	0.74
		For Reinforced Structural Plastic Lumber, Add	*3.58*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.87*	
		For White Color, Add	*4.11*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.48*	
06 51 13 00-0066	LF	4" Diameter, Other Shapes, Recycled Plastic Lumber	11.83	0.86
		For Reinforced Structural Plastic Lumber, Add	*3.92*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.95*	
		For White Color, Add	*4.51*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.82*	
06 51 13 00-0067	LF	5" Diameter, Other Shapes, Recycled Plastic Lumber	14.65	1.04
		For Reinforced Structural Plastic Lumber, Add	*4.88*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.19*	
		For White Color, Add	*5.60*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.74*	
06 51 13 00-0068	LF	6" Diameter, Other Shapes, Recycled Plastic Lumber	32.49	1.21
		For Reinforced Structural Plastic Lumber, Add	*11.38*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.77*	
		For White Color, Add	*13.07*	
		For All Other Colors (Except Black, Brown Or White), Add	*11.07*	
06 51 13 00-0069	SF	1/8" Thick, Other Shapes, Recycled Plastic Sheeting	3.60	0.63
06 51 13 00-0070	SF	1/4" Thick, Other Shapes, Recycled Plastic Sheeting	5.85	0.66
06 51 13 00-0071	SF	3/8" Thick, Other Shapes, Recycled Plastic Sheeting	7.84	0.70
06 51 13 00-0072	SF	1/2" Thick, Other Shapes, Recycled Plastic Sheeting	12.00	0.72

06 52 Plastic Structural Assemblies *(06 50)*

06 52 13 Plastic Columns *(06 52)*

06 52 13 00-0001 Round Fiberglass Columns *(06 52 13)*

06 52 13 00-0002	LF	6" Diameter, Round Fiberglass Column	16.34	5.56
06 52 13 00-0003	LF	8" Diameter, Round Fiberglass Column	23.05	8.09
06 52 13 00-0004	LF	10" Diameter, Round Fiberglass Column	26.83	9.10
06 52 13 00-0005	LF	12" Diameter, Round Fiberglass Column	33.46	9.52
06 52 13 00-0006	LF	15" Diameter, Round Fiberglass Column	40.91	11.00
06 52 13 00-0007	EA	6" Diameter, Base And Cap For Round Fiberglass Columns	31.53	10.54
06 52 13 00-0008	EA	8" Diameter, Base And Cap For Round Fiberglass Columns	34.98	11.38
06 52 13 00-0009	EA	10" Diameter, Base And Cap For Round Fiberglass Columns	41.35	12.64
06 52 13 00-0010	EA	12" Diameter, Base And Cap For Round Fiberglass Columns	57.85	13.49
06 52 13 00-0011	EA	15" Diameter, Base And Cap For Round Fiberglass Columns	78.96	14.75

06 52 13 00-0012 Fluted Fiberglass Columns *(06 52 13)*

06 52 13 00-0013	LF	6" Diameter, Fluted Fiberglass Column	17.36	5.56
06 52 13 00-0014	LF	8" Diameter, Fluted Fiberglass Column	24.41	8.09
06 52 13 00-0015	LF	10" Diameter, Fluted Fiberglass Column	28.56	9.10
06 52 13 00-0016	LF	12" Diameter, Fluted Fiberglass Column	36.36	9.52
06 52 13 00-0017	LF	15" Diameter, Fluted Fiberglass Column	44.69	11.05
06 52 13 00-0018	EA	6" Diameter, Base And Cap For Fluted Fiberglass Columns	33.62	10.54
06 52 13 00-0019	EA	8" Diameter, Base And Cap For Fluted Fiberglass Columns	37.43	11.38
06 52 13 00-0020	EA	10" Diameter, Base And Cap For Fluted Fiberglass Columns	44.57	12.64
06 52 13 00-0021	EA	12" Diameter, Base And Cap For Fluted Fiberglass Columns	64.02	13.49
06 52 13 00-0022	EA	15" Diameter, Base And Cap For Fluted Fiberglass Columns	88.85	14.75

06 52 13 00-0023 Ornamental Or Decorative Cap And Base For Fiberglass Columns *(06 52 13)*

06 52 13 00-0024	EA	8" Roman Ionic Cap And Base For Fiberglass Columns	135.89	12.64
06 52 13 00-0025	EA	10" Roman Ionic Cap And Base For Fiberglass Columns	181.40	14.75
06 52 13 00-0026	EA	12" Roman Ionic Cap And Base For Fiberglass Columns	232.52	16.86
06 52 13 00-0027	EA	8" Scamozzi Cap And Base For Fiberglass Columns	161.79	12.64
06 52 13 00-0028	EA	10" Scamozzi Cap And Base For Fiberglass Columns	194.70	14.75
06 52 13 00-0029	EA	12" Scamozzi Cap And Base For Fiberglass Columns	284.32	16.86
06 52 13 00-0030	EA	8" Corinthian Cap And Base For Fiberglass Columns	203.79	12.64
06 52 13 00-0031	EA	10" Corinthian Cap And Base For Fiberglass Columns	247.20	14.75
06 52 13 00-0032	EA	12" Corinthian Cap And Base For Fiberglass Columns	327.72	16.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 52 13 00-0033	EA	8" Temple Of Winds Cap And Base For Fiberglass Columns	137.99	12.64
06 52 13 00-0034	EA	10" Temple Of Winds Cap And Base For Fiberglass Columns	185.60	14.75
06 52 13 00-0035	EA	12" Temple Of Winds Cap And Base For Fiberglass Columns	236.72	16.86
06 52 13 00-0036	EA	8" Greek Erectheum Cap And Base For Fiberglass Columns	137.99	12.64
06 52 13 00-0037	EA	10" Greek Erectheum Cap And Base For Fiberglass Columns	166.00	14.75
06 52 13 00-0038	EA	12" Greek Erectheum Cap And Base For Fiberglass Columns	219.22	16.86

06 53 Plastic Decking *(06 50)*

06 53 16 Plastic Stair Treads *(06 53)*

06 53 16 00-0001	SF	12" Depth, 1/2" Thick, 1-1/2" Lip, Fiberglass Reinforced Plastic Stair Tread	39.42	8.68

06 60 Plastic Fabrications *(06)*

06 65 Plastic Simulated Wood Trim *(06 60)*

06 65 00 00-0001 Plastic Moldings *(06 65)*

Note: All dimensions are nominal.

06 65 00 00-0002 Base, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0003	LF	3-1/2" High, Base, Plastic Molding	4.33	1.63
06 65 00 00-0004	LF	4-1/2" High, Base, Plastic Molding	5.30	2.03
06 65 00 00-0005	LF	3/4" x 1", Base Shoe, Plastic Molding	4.12	1.71

06 65 00 00-0006 Cornice, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0007	LF	1" x 2" Cornice, Plastic Molding	4.06	1.63
06 65 00 00-0008	LF	1" x 4" Cornice, Plastic Molding	4.83	1.71
06 65 00 00-0009	LF	1" x 6" Cornice, Plastic Molding	6.28	1.79
06 65 00 00-0010	LF	1" x 8" Cornice, Plastic Molding	7.10	1.87
06 65 00 00-0011	LF	1" x 10" Cornice, Plastic Molding	8.06	1.95
06 65 00 00-0012	LF	1" x 12" Cornice, Plastic Molding	10.02	2.03

06 65 00 00-0013 Crown Or Bed, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0014	LF	9/16" x 1-5/8" Crown Or Bed, Plastic Molding	6.45	1.63
06 65 00 00-0015	LF	9/16" x 2-1/4" Crown Or Bed, Plastic Molding	8.54	2.03
06 65 00 00-0016	LF	9/16" x 3-1/2" Crown Or Bed, Plastic Molding	8.85	2.03
06 65 00 00-0017	LF	9/16" x 3-5/8" Crown Or Bed, Plastic Molding	9.16	2.03
06 65 00 00-0018	LF	5/8" x 4-1/4" Crown Or Bed, Plastic Molding	11.82	2.45
06 65 00 00-0019	LF	11/16" x 4-5/8" Crown Or Bed, Plastic Molding	13.72	2.45

06 65 00 00-0020 Dentil, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0021	LF	11/16" x 1-3/8" Dentil, Plastic Molding	5.64	1.63
06 65 00 00-0022	LF	5/8" x 2-1/2" Dentil, Plastic Molding	6.22	1.63
06 65 00 00-0023	LF	1-3/8" x 3-3/8" Dentil, Plastic Molding	7.53	1.63
06 65 00 00-0024	LF	1-1/2" x 4-1/2" Dentil, Plastic Molding	9.80	1.63

06 65 00 00-0025 Cove, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0026	LF	3/8" x 3/8" Cove, Plastic Molding	2.30	0.90
06 65 00 00-0027	LF	1/2" x 1/2" Cove, Plastic Molding	2.45	0.90
06 65 00 00-0028	LF	5/8" x 5/8" Cove, Plastic Molding	3.16	1.06
06 65 00 00-0029	LF	3/4" x 3/4" Cove, Plastic Molding	3.16	1.06
06 65 00 00-0030	LF	15/16" x 15/16" Cove, Plastic Molding	3.84	1.06
06 65 00 00-0031	LF	9/16" x 1-3/4" Cove, Plastic Molding	4.97	1.22
06 65 00 00-0032	LF	11/16" x 2-3/4" Cove, Plastic Molding	6.41	1.22

06 65 00 00-0033 Chair Rail, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0034	LF	1/2" x 1-5/8" Chair Rail, Plastic Molding	3.73	1.22
06 65 00 00-0035	LF	5/8" x 2-1/2" Chair Rail, Plastic Molding	5.01	1.63
06 65 00 00-0036	LF	5/8" x 3-1/2" Chair Rail, Plastic Molding	5.89	1.63

06 65 00 00-0037 Door, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0038	LF	1-1/8" Wide, Door, Plastic Molding	3.45	1.47
06 65 00 00-0039	LF	1-1/8" Wide, Detailed Door, Plastic Molding	3.47	1.47

06 65 00 00-0040 Trim, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0041	LF	1/2" x 1/2" Quarter Round Trim, Plastic Molding	3.72	1.71
06 65 00 00-0042	LF	3/4" x 3/4" Quarter Round Trim, Plastic Molding	4.05	1.71
06 65 00 00-0043	LF	1-1/4" x 2" Brick, Plastic Molding	4.48	1.63
06 65 00 00-0044	LF	1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding	5.05	1.63
06 65 00 00-0045	LF	11/16" x 1-5/8" Drip Cap, Plastic Molding	3.92	1.63
06 65 00 00-0046	LF	2-3/4" x 2" Water Table, Plastic Molding	5.46	1.63
06 65 00 00-0047	LF	3/8" x 2" Garage Door Stop, Plastic Molding	4.24	1.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 65 00 00-0048		Extruded PVC Trimboard *(06 65)* Note: As manufactured by Azek or Kleer. All dimensions are nominal.		
06 65 00 00-0049	LF	1" x 4" Extruded PVC Trimboard	2.50	0.65
06 65 00 00-0050	LF	1" x 6" Extruded PVC Trimboard	3.49	0.73
06 65 00 00-0051	LF	1" x 8" Extruded PVC Trimboard	4.54	0.81
06 65 00 00-0052	LF	1" x 10" Extruded PVC Trimboard	5.42	0.84
06 65 00 00-0053	LF	1" x 12" Extruded PVC Trimboard	6.38	0.86
06 65 00 00-0054	LF	5/4" x 4" Extruded PVC Trimboard	3.01	0.65
06 65 00 00-0055	LF	5/4" x 6" Extruded PVC Trimboard	4.27	0.73
06 65 00 00-0056	LF	5/4" x 8" Extruded PVC Trimboard	5.41	0.81
06 65 00 00-0057	LF	5/4" x 10" Extruded PVC Trimboard	6.61	0.84
06 65 00 00-0058	LF	5/4" x 12" Extruded PVC Trimboard	7.71	0.86
06 65 00 00-0059	LF	3-1/2" x 3-1/2" Extruded PVC Corner Board	6.34	0.84
06 65 00 00-0060	LF	5-1/2" x 5-1/2" Extruded PVC Corner Board	8.31	0.86
06 65 00 00-0061	SF	1/2" Smooth/Wood Grain Reversible Extruded PVC Sheets	4.48	0.73
06 65 00 00-0062	SF	3/4" Smooth/Wood Grain Reversible Extruded PVC Sheets	6.37	0.81

06 70 Structural Composites *(06)*

06 74 Composite Gratings *(06 70)*

06 74 13 Fiberglass Reinforced Gratings *(06 74)*

06 74 13 00-0001 Molded Fiberglass Gratings And Coverings *(06 74 13)*

06 74 13 00-0002 Vi-Corr Resin System *(06 74 13 00-0001)*
Note: Orange or dark gray.

06 74 13 00-0003	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Vi-Corr Resin, Meniscus Top	31.68	1.56
06 74 13 00-0004	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	30.78	1.56
06 74 13 00-0005	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	40.09	1.56
06 74 13 00-0006	SF	2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top	43.46	1.99
06 74 13 00-0007	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top	33.23	1.56
06 74 13 00-0008	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	32.30	1.56
06 74 13 00-0009	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	42.33	1.56
06 74 13 00-0010	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top	45.57	1.99
06 74 13 00-0011	SF	1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering	29.98	1.25
06 74 13 00-0012	SF	1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering	48.45	1.37
06 74 13 00-0013	SF	3/4 Vi-Corr Resin Polyester Resin, Fiberplate Covering	66.34	1.51

06 74 13 00-0014 IFR Fire Retardant Isophthalic Resin *(06 74 13 00-0001)*

06 74 13 00-0015	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	29.16	1.56
06 74 13 00-0016	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	27.33	1.56
06 74 13 00-0017	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	35.09	1.56
06 74 13 00-0018	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	37.91	1.99
06 74 13 00-0019	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	30.43	1.56
06 74 13 00-0020	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	28.05	1.56
06 74 13 00-0021	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	38.18	1.99
06 74 13 00-0022	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	40.00	1.99
06 74 13 00-0023	SF	1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	26.45	1.25
06 74 13 00-0024	SF	1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	37.38	1.37
06 74 13 00-0025	SF	3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	51.29	1.51

06 74 13 00-0026 Corvex Polyester Resin *(06 74 13 00-0001)*
Note: Dark gray.

06 74 13 00-0027	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Corvex Polyester Resin, Meniscus Top	24.78	1.56
06 74 13 00-0028	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	23.81	1.56
06 74 13 00-0029	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	28.81	1.56
06 74 13 00-0030	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top	33.15	1.99
06 74 13 00-0031	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top	26.39	1.56
06 74 13 00-0032	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	25.41	1.56
06 74 13 00-0033	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	30.68	1.56
06 74 13 00-0034	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top	34.75	1.99
06 74 13 00-0035	SF	1/4" Corvex Polyester Resin, Fiberplate Covering	23.38	1.25
06 74 13 00-0036	SF	1/2" Corvex Polyester Resin, Fiberplate Covering	37.22	1.37
06 74 13 00-0037	SF	3/4" Corvex Polyester Resin, Fiberplate Covering	51.55	1.51

06 74 13 00-0038 XFR Extra Fire Retardant *(06 74 13 00-0001)*

06 74 13 00-0039	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, XFR Extra Fire Retardant, Meniscus Top	36.34	1.56
06 74 13 00-0040	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	35.29	1.56
06 74 13 00-0041	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	48.22	1.56
06 74 13 00-0042	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top	51.56	1.99
06 74 13 00-0043	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh XFR Extra Fire Retardant, Applied Grit Top	37.92	1.56
06 74 13 00-0044	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	36.89	1.56
06 74 13 00-0045	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	50.08	1.56
06 74 13 00-0046	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top	53.83	1.99
06 74 13 00-0047	SF	1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering	34.31	1.25
06 74 13 00-0048	SF	1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering	55.39	1.37

06 74 13 00-0049 ELS Extremely Low Smoke Resin *(06 74 13 00-0001)*

06 74 13 00-0050	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	37.26	1.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 74 13 00-0051	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	36.14	1.56
06 74 13 00-0052	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	46.93	1.56
06 74 13 00-0053	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	50.35	1.99
06 74 13 00-0054	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	38.72	1.56
06 74 13 00-0055	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	37.80	1.56
06 74 13 00-0056	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	48.73	1.56
06 74 13 00-0057	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	52.17	1.99
06 74 13 00-0058	SF	1/4" ELS Extremity Low Smoke Resin, Fiberplate Covering	38.32	1.25
06 74 13 00-0059	SF	1/2 ELS Extremity Low Smoke Resin, Fiberplate Covering	68.97	1.37

06 74 13 00-0060 Pultruded Fiberglass Grating *(06 74 13)*

06 74 13 00-0061 ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0060)*

Note: For moderately corrosive environments, green.

06 74 13 00-0062 1" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)*

06 74 13 00-0063	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	26.57	1.99
06 74 13 00-0064	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	23.60	1.56
06 74 13 00-0065	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	30.01	1.99
06 74 13 00-0066	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	27.77	1.56
06 74 13 00-0067	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	20.78	1.99
06 74 13 00-0068	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	18.43	1.56
06 74 13 00-0069	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	23.76	1.99
06 74 13 00-0070	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	21.48	1.56

06 74 13 00-0071 1-1/2" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)*

06 74 13 00-0072	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	29.98	1.99
06 74 13 00-0073	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	27.09	1.56
06 74 13 00-0074	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	33.67	1.99
06 74 13 00-0075	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	31.60	1.56
06 74 13 00-0076	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	26.38	1.99
06 74 13 00-0077	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	24.09	1.56

06 74 13 00-0078 2" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)*

06 74 13 00-0079	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	26.11	1.99
06 74 13 00-0080	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	28.86	1.99
06 74 13 00-0081	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	34.83	1.99
06 74 13 00-0082	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	32.88	1.99

06 74 13 00-0083 VERF Vinyl Ester Resin System *(06 74 13 00-0060)*

06 74 13 00-0084 1" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*

06 74 13 00-0085	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	28.12	1.56
06 74 13 00-0086	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	25.17	1.56
06 74 13 00-0087	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	31.60	1.56
06 74 13 00-0088	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	36.25	1.56
06 74 13 00-0089	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VERF Vinyl Ester Resin	21.63	1.56
06 74 13 00-0090	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VERF Vinyl Ester Resin	19.35	1.56
06 74 13 00-0091	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	24.80	1.56
06 74 13 00-0092	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	22.77	1.56

06 74 13 00-0093 1-1/2" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*

06 74 13 00-0094	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	30.85	1.56
06 74 13 00-0095	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	27.93	1.56
06 74 13 00-0096	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	35.24	1.56
06 74 13 00-0097	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	32.92	1.56
06 74 13 00-0098	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	27.75	1.56
06 74 13 00-0099	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	25.57	1.56

06 74 13 00-0100 2" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*

06 74 13 00-0101	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	27.41	1.99
06 74 13 00-0102	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	25.30	1.99
06 74 13 00-0103	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VERF Vinyl Ester Resin	36.66	1.99
06 74 13 00-0104	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VERF Vinyl Ester Resin	35.61	1.99

06 80 Composite Fabrications *(06)*

06 83 Composite Paneling *(06 80)*

06 83 00 00-0001 Fiberglass Reinforced Polyester (FRP) Panels *(06 83)*

Note: Includes adhesive and trim.

06 83 00 00-0002	SF	Fiberglass Reinforced Polyester (FRP) Paneling Including Adhesive And Trim	3.32	1.33

06 85 Composite Fabricated Materials *(06 80)*

06 85 00 00-0001 Fiberglass Castings *(06 85)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 85 00 00-0002		**Fiberglass Angle, Equal Legs** *(06 85 00 00-0001)*		
06 85 00 00-0003	LF	1" x 1" x 1/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	7.29	2.61
06 85 00 00-0004	LF	1" x 1" x 1/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	7.61	2.61
06 85 00 00-0005	LF	3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	13.27	3.12
06 85 00 00-0006	LF	3" x 3" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	14.59	3.12
06 85 00 00-0007	LF	4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	14.67	3.12
06 85 00 00-0008	LF	4" x 4" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	15.63	3.12
06 85 00 00-0009	LF	4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	16.91	3.12
06 85 00 00-0010	LF	4" x 4" x 3/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	18.96	3.12
06 85 00 00-0011	LF	6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	44.70	3.90
06 85 00 00-0012	LF	6" x 6" x 1/2" Thick Fiberglass Angle, VERF Vinyl Ester Resin	51.30	3.90
06 85 00 00-0013		**Fiberglass Channels** *(06 85 00 00-0001)*		
06 85 00 00-0014	LF	3" x 1" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	8.44	3.90
06 85 00 00-0015	LF	3" x 1" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	8.76	3.90
06 85 00 00-0016	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	17.03	4.42
06 85 00 00-0017	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	17.03	4.42
06 85 00 00-0018	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	26.29	4.42
06 85 00 00-0019	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	30.46	4.42
06 85 00 00-0020	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	24.74	4.42
06 85 00 00-0021	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	29.97	4.42
06 85 00 00-0022	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	37.71	6.07
06 85 00 00-0023	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, VERF Vinyl Ester Resin	43.08	6.07
06 85 00 00-0024		**Fiberglass Wide Flange Beams** *(06 85 00 00-0001)*		
06 85 00 00-0025	LF	4" x 4" x 1/4"Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	23.37	5.20
06 85 00 00-0026	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	25.44	5.20
06 85 00 00-0027	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	29.82	6.24
06 85 00 00-0028	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	30.81	6.24
06 85 00 00-0029	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	47.62	7.81
06 85 00 00-0030	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	59.34	7.81
06 85 00 00-0031	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	104.13	9.54
06 85 00 00-0032	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	116.95	9.54
06 85 00 00-0033		**Fiberglass Flat Sheet** *(06 85 00 00-0001)*		
		Note: Not to be used for bathroom board.		
06 85 00 00-0034	SF	1/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	19.35	4.42
06 85 00 00-0035	SF	1/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	20.16	4.42
06 85 00 00-0036	SF	1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	30.02	5.20
06 85 00 00-0037	SF	1/4" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	34.38	5.20
06 85 00 00-0038	SF	3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	40.57	6.24
06 85 00 00-0039	SF	3/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	47.11	6.24
06 85 00 00-0040	SF	1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	54.58	7.81
06 85 00 00-0041	SF	1/2" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	64.59	7.81
06 85 00 00-0042		**Fiberglass Bars** *(06 85 00 00-0001)*		
06 85 00 00-0043		**Square Bars** *(06 85 00 00-0042)*		
06 85 00 00-0044	LF	1" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	11.60	3.12
06 85 00 00-0045	LF	1-1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	16.45	4.60
06 85 00 00-0046	LF	1-1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin	19.25	6.07
06 85 00 00-0047		**Round Bars** *(06 85 00 00-0042)*		
06 85 00 00-0048	LF	1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	7.58	2.61
06 85 00 00-0049	LF	1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	15.92	3.90
06 85 00 00-0050	LF	1" Diameter Fiberglass Solid Round Bar, VERF Vinyl Ester Resin	17.90	3.90
06 85 00 00-0051	LF	1-1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	23.46	3.90
06 85 00 00-0052	LF	1-1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	27.99	4.42
06 85 00 00-0053		**Fiberglass Tubes** *(06 85 00 00-0001)*		
06 85 00 00-0054		**Square Tube** *(06 85 00 00-0053)*		
06 85 00 00-0055	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	8.48	2.61
06 85 00 00-0056	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	9.12	2.61
06 85 00 00-0057	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	12.38	3.12
06 85 00 00-0058	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	13.52	3.12
06 85 00 00-0059	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	23.22	3.90
06 85 00 00-0060	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	25.83	3.90
06 85 00 00-0061	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	27.33	4.68
06 85 00 00-0062	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	34.62	4.68
06 85 00 00-0063		**Round Tube** *(06 85 00 00-0053)*		
06 85 00 00-0064	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	8.14	2.61
06 85 00 00-0065	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	8.43	2.61
06 85 00 00-0066	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	14.91	3.12
06 85 00 00-0067	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	15.86	3.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 85 00 00-0068		**Fiberglass Threaded Rods** *(06 85 00 00-0001)*		
06 85 00 00-0069	LF	3/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	10.68	1.99
06 85 00 00-0070	LF	1/2" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	11.35	1.99
06 85 00 00-0071	LF	5/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	13.01	2.25
06 85 00 00-0072	LF	3/4" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	14.29	2.25
06 85 00 00-0073	LF	1" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	15.75	2.25
06 85 00 00-0074		**Grating Support Legs, VEFR Resin** *(06 85 00 00-0001)*		
06 85 00 00-0075	EA	Grating Support Legs, Fixed Height With Base Miscellaneous Fiberglass Castings	15.64	
06 85 00 00-0076	EA	Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings	6.70	
06 85 00 00-0077	EA	Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings	25.21	
06 85 00 00-0078		**Fiberglass Netting** *(06 85 00 00-0001)*		
06 85 00 00-0079	SF	1/2" x 1/2" Mesh, Clear Flexible Fiberglass Netting	0.56	0.26
06 85 00 00-0080	SF	1/2" x 2" Mesh, Clear Flexible Fiberglass Netting	0.56	0.26
06 85 00 00-0081	SF	3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting	0.56	0.26
06 85 00 00-0082	SF	7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting	0.56	0.26
06 85 00 00-0083	SF	1" x 1" Mesh, Clear Flexible Fiberglass Netting	0.56	0.26
06 85 00 00-0084	SF	1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting	0.55	0.26
06 85 00 00-0085	SF	1/2" x 2" Mesh, Green Flexible Fiberglass Netting	0.55	0.26
06 85 00 00-0086	SF	3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting	0.55	0.26
06 85 00 00-0087	SF	7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting	0.55	0.26
06 85 00 00-0088	SF	1" x 1" Mesh, Green Flexible Fiberglass Netting	0.55	0.26
06 85 00 00-0089		**Fiberglass Stair Treads** *(06 85)*		
06 85 00 00-0090		**Fiberglass Stair Treads** *(06 85 00 00-0089)*		
06 85 00 00-0091		**10-1/2" Deep Isophthalic Resin System** *(06 85 00 00-0090)*		
06 85 00 00-0092	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	62.86	13.62
06 85 00 00-0093	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	71.80	13.62
06 85 00 00-0094	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	80.74	13.62
06 85 00 00-0095	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	89.68	13.62
06 85 00 00-0096	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	68.22	13.62
06 85 00 00-0097	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	78.50	13.62
06 85 00 00-0098	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	88.78	13.62
06 85 00 00-0099	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	99.06	13.62
06 85 00 00-0100	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	76.44	13.62
06 85 00 00-0101	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	88.78	13.62
06 85 00 00-0102	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	101.12	13.62
06 85 00 00-0103	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	113.45	13.62
06 85 00 00-0104		**12" Deep Isophthalic Resin System** *(06 85 00 00-0090)*		
06 85 00 00-0105	EA	1" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	67.97	13.62
06 85 00 00-0106	EA	1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	78.18	13.62
06 85 00 00-0107	EA	1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	88.40	13.62
06 85 00 00-0108	EA	1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	98.62	13.62
06 85 00 00-0109	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	74.10	13.62
06 85 00 00-0110	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	85.84	13.62
06 85 00 00-0111	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	97.60	13.62
06 85 00 00-0112	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	109.34	13.62
06 85 00 00-0113	EA	2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	83.50	13.62
06 85 00 00-0114	EA	2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	97.59	13.62
06 85 00 00-0115	EA	2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	111.69	13.62
06 85 00 00-0116	EA	2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	125.79	13.62
06 85 00 00-0117		**Other Fiberglass** *(06 85)*		
06 85 00 00-0118		**Fiberglass Splash Blocks** *(06 85 00 00-0117)*		
06 85 00 00-0119	EA	Standard Size Fiberglass Splash Block	7.13	2.65

END OF SECTION 06

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 Thermal And Moisture Protection

07 05 Common Work Results For Thermal And Moisture Protection *(07)*

07 05 13 Small Quantities And Repairs For Roofing *(07 05)*

07 05 13 00-0001 Small Quantity Labor Set-Up Charge *(07 05 13)*

Note: For use with all roofing tasks where the total roof quantity is 4 squares or less. This adjustment is to allow for minimum charge for labor. Excludes material cost or labor to install material.

07 05 13 00-0002	EA	Labor Crew Up-Charge For 1 SQ Or Less, Add To Line Item	839.42
07 05 13 00-0003	EA	Labor Crew Up-Charge For >1 To 2 SQ, Add To Line Item	628.05
07 05 13 00-0004	EA	Labor Crew Up-Charge For >2 To 3 SQ, Add To Line Item	419.71
07 05 13 00-0005	EA	Labor Crew Up-Charge For >3 To 4 SQ, Add To Line Item	209.35

07 05 13 00-0006 Roof Repair *(07 05 13)*

Note: Less than 100 SF area.

07 05 13 00-0007	SF	Roof Repair, Built-Up Roofing, Up To 10 SF	16.42
07 05 13 00-0008	SF	Roof Repair, Built-Up Roofing, 11 To 25 SF	14.76
07 05 13 00-0009	SF	Roof Repair, Built-Up Roofing, 25 To 50 SF	13.47
07 05 13 00-0010	SF	Roof Repair, Built-Up Roofing, 50 To 100 SF	12.52
07 05 13 00-0011	SF	Roof Repair, Membrane Roofing, Up To 10 SF	18.70
07 05 13 00-0012	SF	Roof Repair, Membrane Roofing, 11 To 25 SF	17.04
07 05 13 00-0013	SF	Roof Repair, Membrane Roofing, 25 To 50 SF	15.75
07 05 13 00-0014	SF	Roof Repair, Membrane Roofing, 50 To 100 SF	14.80
07 05 13 00-0015	SF	Roof Repair, Shingle Roofing, Up To 10 SF	14.15
07 05 13 00-0016	SF	Roof Repair, Shingle Roofing, 11 To 25 SF	12.72
07 05 13 00-0017	SF	Roof Repair, Shingle Roofing, 25 To 50 SF	11.66
07 05 13 00-0018	SF	Roof Repair, Shingle Roofing, 50 To 100 SF	10.93
07 05 13 00-0019	LF	Heat Weld Roofing Seams For Repair	4.64

07 05 13 00-0020 Emergency Roof Patch *(07 05 13)*

Note: 4 Hour response time.

07 05 13 00-0021	EA	Granule Emergency Roof Patch Cover 16 SF	66.50
07 05 13 00-0022	EA	Mobilize For Emergency Roof Patching	278.91

07 05 13 00-0023 Adhesives *(07 05 13)*

Note: For repair of seams.

07 05 13 00-0024 Mastic Sealer *(07 05 13 00-0023)*

07 05 13 00-0025 Applied At Joints Only *(07 05 13 00-0024)*

07 05 13 00-0026	LF	Mastic Sealer, 1/4" Bead At Joint	2.80	1.19

07 10 Dampproofing And Waterproofing *(07)*

Note: The following tasks are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost. Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in the absence of hydrostatic pressure.

07 11 Dampproofing *(07 10)*

07 11 13 Bituminous Dampproofing *(07 11)*

07 11 13 00-0001 Fibrous Asphalt Dampproofing, Brush, Roller Or Spray *(07 11 13)*

07 11 13 00-0002	CSF	1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray	127.89
07 11 13 00-0003	CSF	2 Coats, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray	185.35

07 11 13 00-0004 Fibrous Asphalt Dampproofing, Troweled On *(07 11 13)*

07 11 13 00-0005	CSF	Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On	170.92
07 11 13 00-0006	CSF	Primer And 2 Coats, Fibrous Asphalt Dampproofing, Troweled On	262.81

07 11 13 00-0007 Asphaltic Paint Dampproofing *(07 11 13)*

07 11 13 00-0008	CSF	1 Coat, Asphaltic Paint Dampproofing, Brushed On	122.65
07 11 13 00-0009	CSF	2 Coats, Asphaltic Paint Dampproofing, Brushed On	100.31

07 11 19 Sheet Dampproofing *(07 11)*

07 11 19 00-0001 Neoprene *(07 11 19)*

07 11 19 00-0002	SF	1/16" Patch Neoprene Roof (5-20 SF)	23.35
07 11 19 00-0003	EA	Neoprene Grommets, For Sealing Screw Anchors To Be Attached Through Metal Flashing Note: Includes anchor and drilling.	6.06

07 13 Sheet Waterproofing *(07 10)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 13 13		**Bituminous Sheet Waterproofing** *(07 13)*		
07 13 13 00-0001		15# Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped *(07 13 13)*		
07 13 13 00-0002	CSF	1 Ply, 15# Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	183.77	74.64
		For 30# Felt, Add	*25.86*	
		For Application To Horizontal Surfaces, Deduct	*-22.39*	
07 13 13 00-0003	CSF	2 Ply, 15# Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	222.26	83.98
		For 30# Felt, Add	*40.73*	
		For Application To Horizontal Surfaces, Deduct	*-25.19*	
07 13 13 00-0004	CSF	3 Ply, 15# Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	260.74	93.31
		For 30# Felt, Add	*55.61*	
		For Application To Horizontal Surfaces, Deduct	*-27.99*	
07 13 13 00-0005	CSF	4 Ply, 15# Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	299.24	102.64
		For 30# Felt, Add	*70.48*	
		For Application To Horizontal Surfaces, Deduct	*-30.79*	
07 13 13 00-0006	CSF	5 Ply, 15# Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	337.73	111.96
		For 30# Felt, Add	*85.35*	
		For Application To Horizontal Surfaces, Deduct	*-33.59*	
07 13 13 00-0007		Asphalt Coated Protective Board *(07 13 13)*		
07 13 13 00-0008	CSF	1/8" Asphalt Coated Protective Board	170.70	67.26
		For Application To Horizontal Surfaces, Deduct	*-22.43*	
07 13 13 00-0009	CSF	1/4" Asphalt Coated Protective Board	235.24	69.84
		For Application To Horizontal Surfaces, Deduct	*-23.28*	
07 13 13 00-0010	CSF	3/8" Asphalt Coated Protective Board	313.09	72.78
		For Application To Horizontal Surfaces, Deduct	*-24.25*	
07 13 13 00-0011	CSF	1/2" Asphalt Coated Protective Board	352.14	75.71
		For Application To Horizontal Surfaces, Deduct	*-25.24*	
07 13 53		**Elastomeric Sheet Waterproofing** *(07 13)*		
07 13 53 00-0001		Rubberized Membrane Sheet *(07 13 53)*		
07 13 53 00-0002	SF	215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface	3.20	0.70
		For Floor Surfaces, Deduct	*-0.35*	
07 13 53 00-0003		Ethylene Propylene Diene Monomer (EPDM) *(07 13 53)*		
07 13 53 00-0004	CSF	45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	342.56	97.77
		For Application To Horizontal Surfaces, Deduct	*-29.33*	
07 13 53 00-0005	CSF	60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	410.43	97.77
		For Application To Horizontal Surfaces, Deduct	*-29.33*	
07 13 53 00-0006		Butyl Sheet Waterproofing *(07 13 53)*		
07 13 53 00-0007	CSF	1/32" Butyl Sheet Waterproofing	70.59	24.44
		For Joint Taping, Add	*9.16*	
		For Each Additional Ply, Add	*51.86*	
		For Application To Horizontal Surfaces, Deduct	*-3.67*	
07 13 53 00-0008	CSF	1/16" Butyl Sheet Waterproofing	85.26	24.44
		For Joint Taping, Add	*9.90*	
		For Each Additional Ply, Add	*62.13*	
		For Application To Horizontal Surfaces, Deduct	*-3.67*	
07 13 53 00-0009		Butyl With Nylon *(07 13 53)*		
07 13 53 00-0010	CSF	1/32" Butyl Elastomeric Waterproofing With Nylon	78.97	24.44
		For Joint Taping, Add	*9.58*	
		For Each Additional Ply, Add	*57.73*	
		For Application To Horizontal Surfaces, Deduct	*-3.67*	
07 13 53 00-0011	CSF	1/16" Butyl Elastomeric Waterproofing With Nylon	88.40	24.44
		For Joint Taping, Add	*10.05*	
		For Each Additional Ply, Add	*64.33*	
		For Application To Horizontal Surfaces, Deduct	*-3.67*	
07 13 53 00-0012		Neoprene Sheet Waterproofing *(07 13 53)*		
07 13 53 00-0013	CSF	1/32" Neoprene Sheet Waterproofing	127.22	24.44
		For Joint Taping, Add	*11.99*	
		For Each Additional Ply, Add	*91.50*	
		For Application To Horizontal Surfaces, Deduct	*-3.67*	
07 13 53 00-0014	CSF	1/16" Neoprene Sheet Waterproofing	189.65	24.44
		For Joint Taping, Add	*15.12*	
		For Each Additional Ply, Add	*135.20*	
		For Application To Horizontal Surfaces, Deduct	*-3.67*	
07 13 53 00-0015		Neoprene With Nylon *(07 13 53)*		
07 13 53 00-0016	CSF	1/32" Neoprene Elastomeric Waterproofing With Nylon	133.73	24.44
		For Joint Taping, Add	*12.32*	
		For Each Additional Ply, Add	*96.06*	
		For Application To Horizontal Surfaces, Deduct	*-3.67*	
07 13 53 00-0017	CSF	1/16" Neoprene Elastomeric Waterproofing With Nylon	200.06	24.44
		For Joint Taping, Add	*15.64*	
		For Each Additional Ply, Add	*142.49*	
		For Application To Horizontal Surfaces, Deduct	*-3.67*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 13 53 00-0018		**Plastic Vapor Barrier (Polyethylene)** *(07 13 53)*		
07 13 53 00-0019	CSF	4 Mil Polyethylene Vapor Barrier	23.78	9.94
		For Joint Taping, Add	*6.25*	
		For Each Additional Ply, Add	*18.85*	
		For Application To Horizontal Surfaces, Deduct	*-3.30*	
07 13 53 00-0020	CSF	6 Mil Polyethylene Vapor Barrier	24.58	9.94
		For Joint Taping, Add	*6.29*	
		For Each Additional Ply, Add	*19.41*	
		For Application To Horizontal Surfaces, Deduct	*-3.30*	
07 13 53 00-0021	CSF	10 Mil Polyethylene Vapor Barrier	26.95	9.94
		For Joint Taping, Add	*6.41*	
		For Each Additional Ply, Add	*21.07*	
		For Application To Horizontal Surfaces, Deduct	*-3.30*	
07 13 53 00-0022	CSF	60 Mil Polyethylene Vapor Barrier With Bentonite	88.84	9.94
		Note: Includes seam tape, liquid mastic, anchors and termination bar.		
		For Joint Taping, Add	*10.06*	
		For Each Additional Ply, Add	*64.63*	
		For Application To Horizontal Surfaces, Deduct	*-3.67*	
07 13 53 00-0023		**Plastic Vapor Barrier (PVC)** *(07 13 53)*		
07 13 53 00-0024	CSF	10 Mil PVC Vapor Barrier	35.62	11.00
		For Joint Taping, Add	*6.84*	
		For Each Additional Ply, Add	*27.13*	
		For Application To Horizontal Surfaces, Deduct	*-3.30*	
07 13 53 00-0025	CSF	20 Mil PVC Vapor Barrier	46.35	11.41
		For Joint Taping, Add	*7.57*	
		For Each Additional Ply, Add	*34.73*	
		For Application To Horizontal Surfaces, Deduct	*-3.42*	
07 13 53 00-0026	CSF	30 Mil PVC Vapor Barrier	60.76	11.81
		For Joint Taping, Add	*8.47*	
		For Each Additional Ply, Add	*44.89*	
		For Application To Horizontal Surfaces, Deduct	*-3.54*	
07 13 53 00-0027		**Vinyl Plastic Vapor Barrier** *(07 13 53)*		
07 13 53 00-0028	CSF	Tu-Tuf 4, 4 Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints	28.62	10.18
07 14		**Fluid-Applied Waterproofing** *(07 10)*		
07 14 00 00-0001		**Fluid Applied Neoprene** *(07 14)*		
07 14 00 00-0002	CSF	Fluid Neoprene, 1/8" Fiberglass Reinforced	310.17	
		For Application To Horizontal Surfaces, Deduct	*-35.62*	
07 14 00 00-0003	CSF	Fluid Neoprene, 50 Mil, 4 Coats	710.02	
		For Application To Horizontal Surfaces, Deduct	*-69.87*	
07 14 00 00-0004	CSF	Fluid Neoprene, 90 Mil, 4 Coats	1,186.77	
		For Application To Horizontal Surfaces, Deduct	*-104.76*	
07 14 00 00-0005		**Fluid Applied Rubber Based Polyurethane** *(07 14)*		
07 14 00 00-0006	SF	60 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats	2.73	
		For Application To Horizontal Surfaces, Deduct	*-0.30*	
07 14 00 00-0007	SF	90 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats	3.20	
		For Application To Horizontal Surfaces, Deduct	*-0.31*	
07 14 00 00-0008	SF	120 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats	3.70	
		For Application To Horizontal Surfaces, Deduct	*-0.33*	
07 14 00 00-0009		**Hot Applied Rubberized Asphalt Waterproofing Coating** *(07 14)*		
07 14 00 00-0010	SF	90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface	1.45	
		Note: Includes primer.		
		For Application To Horizontal Surfaces, Deduct	*-0.14*	
		For Reinforcing Fabric, Add	*0.31*	
07 14 00 00-0011	SF	125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface	1.67	
		Note: Includes primer.		
		For Application To Horizontal Surfaces, Deduct	*-0.15*	
		For Reinforcing Fabric, Add	*0.31*	
07 14 00 00-0012		**One Part Solution Of Chlorosulfonated Polyethylene Polymer** *(07 14)*		
07 14 00 00-0013	SF	Chlorosulfonated Polyethylene Polymer 1 Part Solution, 15 Mil, Finish Coat	1.72	
07 14 00 00-0014		**Copolymer Compound** *(07 14)*		
07 14 00 00-0015	SF	Fluid Elastomeric Copolymer Compound For Slabs 32 Mil	2.70	
07 16		**Cementitious And Reactive Waterproofing** *(07 10)*		
07 16 13		**Polymer Modified Cement Waterproofing** *(07 16)*		
07 16 13 00-0001	SF	Polymer Modified Cementitious Waterproofing Assembly, 2 Coats	3.16	
		Note: As manufactured by Thoro Consumer Products.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 16 16 Crystalline Waterproofing *(07 16)*

07 16 16 00-0001 SF Crystalline Cementitious Waterproofing. 2 Coats (Xypex Concentrate) 3.79

07 16 19 Metal Oxide Waterproofing *(07 16)*

07 16 19 00-0001 Metallic Oxide Waterproofing *(07 16 19)*

Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03 54 00 00-0001 for self leveling underlayment for concrete floors, 09 24 33 00-0001 for cement parging.

07 16 19 00-0002 CSF Catalyzed Metallic Waterproofing Treatment, Metal Oxide Waterproofing (Euclid Iron Waterpeller) 320.95
For Application To Horizontal Surfaces, Deduct *-42.13*

07 17 Bentonite Waterproofing *(07 10)*

07 17 13 Bentonite Panel Waterproofing *(07 17)*

07 17 13 00-0001	CSF	3/16" Bentonite Waterproofing Panels	302.19	80.25
		For Application To Horizontal Surfaces, Deduct	*-24.08*	
07 17 13 00-0002	CSF	1/4" Bentonite Waterproofing Panels	272.73	84.78
		For Application To Horizontal Surfaces, Deduct	*-26.06*	
07 17 13 00-0003	CSF	5/8" Bentonite Waterproofing Panels	383.68	88.42
		For Application To Horizontal Surfaces, Deduct	*-26.52*	
07 17 13 00-0004	CSF	3/8" Granular Bentonite, Troweled	308.91	73.54
		For Application To Horizontal Surfaces, Deduct	*-22.05*	

07 19 Water Repellents *(07 10)*

07 19 13 Acrylic Sealer *(07 19)*

Note: Per coat.

07 19 13 00-0001 SF Acrylic Sealer, Spray On Concrete 1.51
07 19 13 00-0002 SF Acrylic Sealer, Spray On Concrete Block/Brick 1.81
07 19 13 00-0003 SF Acrylic Sealer, Spray On Stone 1.98

07 19 19 Penetrating Water Repellents *(07 19)*

Note: Per coat.

07 19 19 00-0001 SF Penetrating Water Repellent, Spray On Concrete 1.66
07 19 19 00-0002 SF Penetrating Water Repellent, Spray On Concrete Block/Brick 2.07

07 20 Thermal Protection *(07)*

07 21 Thermal Insulation *(07 20)*

07 21 13 Board Insulation *(07 21)*

Note: Types are stock sizes, mastic applied. See CSI section 07 22 16 00-0001 for rigid insulation for roofs.

07 21 13 13 Foam Board Insulation *(07 21 13)*

07 21 13 13-0001 Foam Glass (Cellular Glass), Foam Board Insulation *(07 21 13 13)*

07 21 13 13-0002	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation	1.91	0.28
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0003	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation	2.77	0.28
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0004	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation	3.35	0.29
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0005	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation	4.51	0.29
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	

07 21 13 13-0006 Expanded Polystyrene, Foam Board Insulation *(07 21 13 13)*

07 21 13 13-0007	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	0.68	0.28
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0008	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	0.74	0.28
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0009	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	0.87	0.28
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0010	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.02	0.28
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0011	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.58	0.29
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0012	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	2.14	0.29
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0013	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	2.70	0.30
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0014	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	3.26	0.31
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0015	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	3.82	0.32
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	

07 21 13 13-0016 Extruded Polystyrene, Foam Board Insulation *(07 21 13 13)*

Note: 15 PSI compressive strength.

07 21 13 13-0017	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation	0.81	0.28
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.06*	
		For 40 PSI Compressive Strength, Add	*0.13*	
		For 60 PSI Compressive Strength, Add	*0.23*	
		For 115 PSI Compressive Strength, Add	*0.95*	
07 21 13 13-0018	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation	0.99	0.28
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.08*	
		For 40 PSI Compressive Strength, Add	*0.20*	
		For 60 PSI Compressive Strength, Add	*0.33*	
		For 115 PSI Compressive Strength, Add	*1.41*	
07 21 13 13-0019	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation	1.13	0.28
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.11*	
		For 40 PSI Compressive Strength, Add	*0.25*	
		For 60 PSI Compressive Strength, Add	*0.41*	
		For 115 PSI Compressive Strength, Add	*1.77*	
07 21 13 13-0020	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation	1.22	0.28
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.12*	
		For 40 PSI Compressive Strength, Add	*0.29*	
		For 60 PSI Compressive Strength, Add	*0.46*	
		For 115 PSI Compressive Strength, Add	*1.97*	
07 21 13 13-0021	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation	1.98	0.29
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.24*	
		For 40 PSI Compressive Strength, Add	*0.57*	
		For 60 PSI Compressive Strength, Add	*0.89*	
		For 115 PSI Compressive Strength, Add	*3.90*	
07 21 13 13-0022	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation	2.75	0.29
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.36*	
		For 40 PSI Compressive Strength, Add	*0.86*	
		For 60 PSI Compressive Strength, Add	*1.34*	
		For 115 PSI Compressive Strength, Add	*5.86*	
07 21 13 13-0023	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation	3.14	0.30
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.42*	
		For 40 PSI Compressive Strength, Add	*1.00*	
		For 60 PSI Compressive Strength, Add	*1.56*	
		For 115 PSI Compressive Strength, Add	*6.83*	

07 21 13 16 Fibrous Board Insulation *(07 21 13)*

07 21 13 16-0001 Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation *(07 21 13 16)*

07 21 13 16-0002	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation	1.14	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0003	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation	1.83	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0004	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation	2.51	0.49
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 16-0005 Fiberglass, Fibrous Board Insulation *(07 21 13 16)*

07 21 13 16-0006	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation	2.24	0.28
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0007	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation	2.53	0.28
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0008	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation	3.18	0.29
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0009	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation	3.70	0.29
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0010	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation	4.23	0.29
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 19 Mineral Board Insulation *(07 21 13)*

07 21 13 19-0001 High-Density Fiberboard, Mineral Board Insulation *(07 21 13 19)*

07 21 13 19-0002	SF	1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation	0.80	0.32
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0003	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation	1.00	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0004	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation	1.21	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0005	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation	1.59	0.38
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0006	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation	1.96	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0007	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation	2.72	0.49
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 16 Blanket Insulation *(07 21)*

Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.

07 21 16 00-0001 Fiberglass Flexible Insulation *(07 21 16)*

Note: Rolls or batts.

07 21 16 00-0002 Kraft Faced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0003	SF	3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation	1.11	0.37
07 21 16 00-0004	SF	3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation	1.19	0.37
07 21 16 00-0005	SF	3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation	1.22	0.37
07 21 16 00-0006	SF	5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation	1.56	0.37
07 21 16 00-0007	SF	6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation	1.31	0.37
07 21 16 00-0008	SF	9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation	2.01	0.46
07 21 16 00-0009	SF	12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation	2.13	0.46

07 21 16 00-0010 Unfaced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0011	SF	3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation	1.06	0.37
07 21 16 00-0012	SF	3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation	1.15	0.37
07 21 16 00-0013	SF	3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation	1.49	0.37
07 21 16 00-0014	SF	5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation	1.50	0.37
07 21 16 00-0015	SF	6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation	1.27	0.37
07 21 16 00-0016	SF	9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation	1.91	0.46
07 21 16 00-0017	SF	12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation	2.06	0.46

07 21 16 00-0018 Foil Faced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0019	SF	3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation	1.26	0.37
07 21 16 00-0020	SF	3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation	1.38	0.37
07 21 16 00-0021	SF	6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation	1.49	0.37
07 21 16 00-0022	SF	10-1/4" Thick, Foil Faced, R-30 Fiberglass Flexible Insulation	2.22	0.46
07 21 16 00-0023	SF	12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	2.37	0.46

07 21 16 00-0024 Poly-Encapsulated, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0025	SF	3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation	1.14	0.37
07 21 16 00-0026	SF	3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation	1.22	0.37
07 21 16 00-0027	SF	5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation	1.60	0.37
07 21 16 00-0028	SF	6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation	1.32	0.37
07 21 16 00-0029	SF	8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation	2.01	0.46
07 21 16 00-0030	SF	10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation	2.06	0.46

07 21 16 00-0031 Mineral Wool Flexible Insulation *(07 21 16)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 16 00-0032		Kraft Faced, Mineral Wool Flexible Insulation *(07 21 16 00-0031)*		
07 21 16 00-0033	SF	3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation	1.23	0.37
07 21 16 00-0034	SF	6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation	1.58	0.37
07 21 16 00-0035	SF	9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation	2.48	0.37
07 21 16 00-0036	SF	12" Kraft Faced, R-38 Mineral Wool Flexible Insulation	2.80	0.37
07 21 16 00-0037		Unfaced, Mineral Wool Flexible Insulation *(07 21 16 00-0031)*		
07 21 16 00-0038	SF	3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation	1.16	0.37
07 21 16 00-0039	SF	6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation	1.46	0.37
07 21 16 00-0040	SF	9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation	2.25	0.37
07 21 16 00-0041	SF	12" Unfaced, R-38 Mineral Wool Flexible Insulation	2.52	0.37
07 21 16 00-0042		Natural Cotton Insulation *(07 21 16)*		
07 21 16 00-0043		UltraTouch Natural Cotton Insulation *(07 21 16 00-0042)*		
		Note: 85% recycled denim cotton.		
07 21 16 00-0044	SF	3-1/2", R-13 UltraTouch Natural Cotton Insulation	1.63	0.37
07 21 16 00-0045	SF	5-1/2", R-19 UltraTouch Natural Cotton Insulation	1.83	0.37
07 21 16 00-0046	SF	5-1/2", R-21 UltraTouch Natural Cotton Insulation	2.02	0.37
07 21 16 00-0047	SF	8", R-30 UltraTouch Natural Cotton Insulation	2.74	0.37
07 21 23		**Loose-Fill Insulation** *(07 21)*		
07 21 23 00-0001		Poured Type, Loose Fill Insulation *(07 21 23)*		
07 21 23 00-0002	CF	R-3.5/Inch, Poured Type, Fiberglass Loose Fill Insulation	5.39	2.15
07 21 23 00-0003	CF	R-3.7/Inch, Poured Type, Cellulose Loose Fill Insulation	5.72	2.15
07 21 23 00-0004		Concrete Block Wall Cavity Insulation *(07 21 23)*		
07 21 23 00-0005	CF	R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation	7.27	2.15
07 21 23 00-0006	CF	R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation	7.24	2.15
07 21 26		**Blown Insulation** *(07 21)*		
07 21 26 00-0001		Fiberglass Blown-In Insulation *(07 21 26)*		
07 21 26 00-0002		Attic, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
07 21 26 00-0003	SF	3-3/4" Thick, R-13 Attic, Fiberglass Blown In Insulation	1.18	0.94
07 21 26 00-0004	SF	6-1/4" Thick, R-19 Attic, Fiberglass Blown In Insulation	1.49	1.13
07 21 26 00-0005	SF	7-1/4" Thick, R-22 Attic, Fiberglass Blown In Insulation	1.63	1.22
07 21 26 00-0006	SF	10-1/4" Thick, R-30 Attic, Fiberglass Blown In Insulation	1.89	1.32
07 21 26 00-0007	SF	12-3/4" Thick, R-38 Attic, Fiberglass Blown In Insulation	2.15	1.42
07 21 26 00-0008	SF	13-1/2" Thick, R-40 Attic, Fiberglass Blown In Insulation	2.33	1.51
07 21 26 00-0009	SF	14-3/4" Thick, R-44 Attic, Fiberglass Blown In Insulation	2.37	1.51
07 21 26 00-0010	SF	16-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation	2.48	1.51
07 21 26 00-0011	SF	19" Thick, R-56 Attic, Fiberglass Blown In Insulation	2.71	1.51
07 21 26 00-0012	SF	21" Thick, R-60 Attic, Fiberglass Blown In Insulation	2.72	1.51
07 21 26 00-0013		New Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
07 21 26 00-0014	SF	3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation	1.59	0.94
07 21 26 00-0015	SF	5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation	2.11	1.13
07 21 26 00-0016	SF	7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation	2.48	1.22
07 21 26 00-0017	SF	9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation	2.93	1.32
07 21 26 00-0018		Existing Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
		Note: Includes drilling. Excludes patching.		
07 21 26 00-0019	SF	3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation	1.52	0.94
07 21 26 00-0020	SF	5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation	2.04	1.13
07 21 26 00-0021	SF	7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation	2.40	1.22
07 21 26 00-0022	SF	9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation	2.86	1.32
07 21 26 00-0023		Cellulose Blown-In Insulation *(07 21 26)*		
07 21 26 00-0024		Attic, Cellulose Blown-In Insulation *(07 21 26 00-0023)*		
07 21 26 00-0025	SF	3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation	1.19	0.94
07 21 26 00-0026	SF	5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation	1.42	1.03
07 21 26 00-0027	SF	6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation	1.59	1.13
07 21 26 00-0028	SF	7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation	1.83	1.22
07 21 26 00-0029	SF	8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation	1.87	1.22
07 21 26 00-0030	SF	10-1/2" Thick, R-38 Attic, Cellulose Blown In Insulation	2.17	1.32
07 21 26 00-0031	SF	11" Thick, R-40 Attic, Cellulose Blown In Insulation	2.22	1.32
07 21 26 00-0032	SF	13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation	2.58	1.42
07 21 26 00-0033	SF	16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation	2.92	1.51
07 21 26 00-0034		New Wall, Cellulose Blown-In Insulation *(07 21 26 00-0023)*		
07 21 26 00-0035	SF	3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation	1.56	0.94
07 21 26 00-0036	SF	5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation	2.06	1.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 26 00-0037	SF	7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation	2.40	1.22
07 21 26 00-0038	SF	9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation	2.84	1.32

07 21 26 00-0039 Existing Wall, Cellulose Blown-In Insulation *(07 21 26 00-0023)*
Note: Includes drilling. Excludes patching.

07 21 26 00-0040	SF	3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation	1.48	0.94
07 21 26 00-0041	SF	5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation	1.99	1.13
07 21 26 00-0042	SF	7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation	2.33	1.22
07 21 26 00-0043	SF	9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation	2.76	1.32

07 21 29 Sprayed Insulation *(07 21)*

07 21 29 00-0001 Foam Sprayed On Insulation *(07 21 29)*

07 21 29 00-0002	SF	1" Thick, R3.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	0.91	
07 21 29 00-0003	SF	2" Thick, R7.6, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	1.50	
07 21 29 00-0004	SF	3" Thick, R11.4, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	2.12	
07 21 29 00-0005	SF	4" Thick, R15.2, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	2.72	
07 21 29 00-0006	SF	5" Thick, R19.0, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	3.33	
07 21 29 00-0007	SF	6" Thick, R22.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	3.92	
07 21 29 00-0008	SF	1" Thick, R6.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	1.74	
07 21 29 00-0009	SF	2" Thick, R13.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	2.72	
07 21 29 00-0010	SF	3" Thick, R19.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	3.69	
07 21 29 00-0011	SF	4" Thick, R26.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	4.67	
07 21 29 00-0012	SF	5" Thick, R32.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	5.64	
07 21 29 00-0013	SF	6" Thick, R39.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	6.63	

07 21 29 00-0014 Fiber Sprayed On Insulation *(07 21 29)*

07 21 29 00-0015	SF	1" Spray, R2.7 Perlite Insulation	1.58	0.46
07 21 29 00-0016	SF	1" Spray, R3.7 Fibrous/Cementitious Insulation	1.14	0.46

07 21 29 00-0017 Cellulose Sprayed On Insulation *(07 21 29)*

07 21 29 00-0018	SF	1" Thick - Cellulose Spray-on Insulation	2.23	0.46

07 21 33 Thermal Insulation Accessories *(07 21)*

07 21 33 00-0001 Rafter Vent *(07 21 33)*
Note: Built-in baffle is designed to help keep air flowing freely from soffits to ridge vents.

07 21 33 00-0002	EA	22" x 4' Rafter Vent	7.14	
07 21 33 00-0003	EA	14" x 4' Rafter Vent	6.62	

07 22 Roof And Deck Insulation *(07 20)*

07 22 16 Roof Board Insulation *(07 22)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.

07 22 16 00-0001 Rigid Board Roofing Insulation *(07 22 16)*

07 22 16 00-0002 High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0001)*

07 22 16 00-0003	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation	1.36	0.45
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.14*	
		For Mechanically Fastened To Gypsum, Add	*0.28*	
07 22 16 00-0004	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation	1.58	0.48
		For Hot-Mopped, Deduct	*-0.14*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.15*	
		For Mechanically Fastened To Gypsum, Add	*0.29*	
07 22 16 00-0005	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation	1.80	0.50
		For Hot-Mopped, Deduct	*-0.14*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.16*	
		For Mechanically Fastened To Gypsum, Add	*0.30*	
07 22 16 00-0006	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation	2.20	0.55
		For Hot-Mopped, Deduct	*-0.13*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.09*	
		For Mechanically Fastened To Concrete, Add	*0.21*	
		For Mechanically Fastened To Gypsum, Add	*0.33*	
07 22 16 00-0007	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation	2.60	0.60
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.09*	
		For Mechanically Fastened To Concrete, Add	*0.24*	
		For Mechanically Fastened To Gypsum, Add	*0.37*	

07 22 16 00-0008 Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0009	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation	1.46	0.50
		For Hot-Mopped, Deduct	*-0.14*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.16*	
		For Mechanically Fastened To Gypsum, Add	*0.30*	
07 22 16 00-0010	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation	1.73	0.50
		For Hot-Mopped, Deduct	*-0.14*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.16*	
		For Mechanically Fastened To Gypsum, Add	*0.30*	

07 22 16 00-0011 Perlite, Roof Board Insulation *(07 22 16 00-0001)*

07 22 16 00-0012	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation	1.32	0.40
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.11*	
		For Mechanically Fastened To Gypsum, Add	*0.25*	
07 22 16 00-0013	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation	1.44	0.40
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.11*	
		For Mechanically Fastened To Gypsum, Add	*0.25*	
07 22 16 00-0014	SF	1" Thick, R2.78, Perlite, Roof Board Insulation	1.60	0.40
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.11*	
		For Mechanically Fastened To Gypsum, Add	*0.25*	
07 22 16 00-0015	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation	1.98	0.41
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.09*	
		For Mechanically Fastened To Concrete, Add	*0.13*	
		For Mechanically Fastened To Gypsum, Add	*0.25*	
07 22 16 00-0016	SF	2" Thick, R5.56, Perlite, Roof Board Insulation	2.22	0.41
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.09*	
		For Mechanically Fastened To Concrete, Add	*0.13*	
		For Mechanically Fastened To Gypsum, Add	*0.26*	

07 22 16 00-0017 Basalt Rock Wool, Roof Board Insulation *(07 22 16 00-0001)*

07 22 16 00-0018	SF	1" Thick, R3.5, Basalt Rock Wool, Roof Board Insulation	1.81	0.40
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.11*	
		For Mechanically Fastened To Gypsum, Add	*0.25*	
07 22 16 00-0019	SF	2" Thick, R7.4, Basalt Rock Wool, Roof Board Insulation	2.40	0.41
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.09*	
		For Mechanically Fastened To Concrete, Add	*0.13*	
		For Mechanically Fastened To Gypsum, Add	*0.26*	
07 22 16 00-0020	SF	3" Thick, R11.1, Basalt Rock Wool, Roof Board Insulation	3.12	0.42
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.07*	
		For Mechanically Fastened To Concrete, Add	*0.16*	
		For Mechanically Fastened To Gypsum, Add	*0.32*	

07 22 16 00-0021 Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0001)*

07 22 16 00-0022	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation	3.31	0.41
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.09*	
		For Mechanically Fastened To Concrete, Add	*0.13*	
		For Mechanically Fastened To Gypsum, Add	*0.25*	
07 22 16 00-0023	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation	3.89	0.41
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.09*	
		For Mechanically Fastened To Concrete, Add	*0.13*	
		For Mechanically Fastened To Gypsum, Add	*0.26*	
07 22 16 00-0024	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation	5.05	0.42
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.07*	
		For Mechanically Fastened To Concrete, Add	*0.16*	
		For Mechanically Fastened To Gypsum, Add	*0.32*	
07 22 16 00-0025	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation	6.21	0.42
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.21*	
		For Mechanically Fastened To Gypsum, Add	*0.33*	

07 22 16 00-0026 Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0001)*

07 22 16 00-0027	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	1.33	0.46
		For Hot-Mopped, Deduct	*-0.14*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.14*	
		For Mechanically Fastened To Gypsum, Add	*0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0028	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	1.38	0.46
		For Hot-Mopped, Deduct	*-0.14*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.14*	
		For Mechanically Fastened To Gypsum, Add	*0.28*	
07 22 16 00-0029	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	1.52	0.46
		For Hot-Mopped, Deduct	*-0.14*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.14*	
		For Mechanically Fastened To Gypsum, Add	*0.28*	
07 22 16 00-0030	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	1.67	0.47
		For Hot-Mopped, Deduct	*-0.14*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.15*	
		For Mechanically Fastened To Gypsum, Add	*0.29*	
07 22 16 00-0031	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	2.24	0.48
		For Hot-Mopped, Deduct	*-0.14*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.09*	
		For Mechanically Fastened To Concrete, Add	*0.17*	
		For Mechanically Fastened To Gypsum, Add	*0.30*	
07 22 16 00-0032	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	2.81	0.49
		For Hot-Mopped, Deduct	*-0.14*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.07*	
		For Mechanically Fastened To Concrete, Add	*0.20*	
		For Mechanically Fastened To Gypsum, Add	*0.36*	
07 22 16 00-0033	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	3.39	0.50
		For Hot-Mopped, Deduct	*-0.14*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.26*	
		For Mechanically Fastened To Gypsum, Add	*0.41*	
07 22 16 00-0034	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	3.96	0.51
		For Hot-Mopped, Deduct	*-0.13*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.34*	
		For Mechanically Fastened To Gypsum, Add	*0.45*	
07 22 16 00-0035	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	4.52	0.52
		For Hot-Mopped, Deduct	*-0.13*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.18*	
		For Mechanically Fastened To Concrete, Add	*0.47*	
		For Mechanically Fastened To Gypsum, Add	*0.53*	

07 22 16 00-0036 Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0001)*

Note: 15 PSI compressive strength.

07 22 16 00-0037	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation	1.67	0.40
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.11*	
		For Mechanically Fastened To Gypsum, Add	*0.25*	
		For 25 PSI Compressive Strength, Add	*0.16*	
		For 40 PSI Compressive Strength, Add	*0.38*	
		For 60 PSI Compressive Strength, Add	*0.62*	
		For 115 PSI Compressive Strength, Add	*2.66*	
07 22 16 00-0038	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation	1.76	0.40
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.11*	
		For Mechanically Fastened To Gypsum, Add	*0.25*	
		For 25 PSI Compressive Strength, Add	*0.17*	
		For 40 PSI Compressive Strength, Add	*0.41*	
		For 60 PSI Compressive Strength, Add	*0.67*	
		For 115 PSI Compressive Strength, Add	*2.87*	
07 22 16 00-0039	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation	2.13	0.40
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.09*	
		For Mechanically Fastened To Concrete, Add	*0.13*	
		For Mechanically Fastened To Gypsum, Add	*0.25*	
		For 25 PSI Compressive Strength, Add	*0.23*	
		For 40 PSI Compressive Strength, Add	*0.55*	
		For 60 PSI Compressive Strength, Add	*0.88*	
		For 100 PSI Compressive Strength, Add	*1.13*	
		For 115 PSI Compressive Strength, Add	*3.82*	
07 22 16 00-0040	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation	2.52	0.41
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.09*	
		For Mechanically Fastened To Concrete, Add	*0.13*	
		For Mechanically Fastened To Gypsum, Add	*0.26*	
		For 25 PSI Compressive Strength, Add	*0.29*	
		For 40 PSI Compressive Strength, Add	*0.70*	
		For 60 PSI Compressive Strength, Add	*1.10*	
		For 115 PSI Compressive Strength, Add	*4.80*	
07 22 16 00-0041	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation	2.90	0.41
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.07*	
		For Mechanically Fastened To Concrete, Add	*0.15*	
		For Mechanically Fastened To Gypsum, Add	*0.29*	
		For 25 PSI Compressive Strength, Add	*0.36*	
		For 40 PSI Compressive Strength, Add	*0.84*	
		For 60 PSI Compressive Strength, Add	*1.32*	
		For 100 PSI Compressive Strength, Add	*1.70*	
		For 115 PSI Compressive Strength, Add	*5.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0042	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation	3.29	0.42
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.07*	
		For Mechanically Fastened To Concrete, Add	*0.16*	
		For Mechanically Fastened To Gypsum, Add	*0.32*	
		For 25 PSI Compressive Strength, Add	*0.41*	
		For 40 PSI Compressive Strength, Add	*0.98*	
		For 60 PSI Compressive Strength, Add	*1.54*	
		For 115 PSI Compressive Strength, Add	*6.73*	
07 22 16 00-0043	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation	3.69	0.43
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.22*	
		For Mechanically Fastened To Gypsum, Add	*0.37*	
		For 25 PSI Compressive Strength, Add	*0.48*	
		For 40 PSI Compressive Strength, Add	*1.13*	
		For 60 PSI Compressive Strength, Add	*1.76*	
		For 115 PSI Compressive Strength, Add	*7.70*	

07 22 16 00-0044 Polyisocyanurate Board Roofing Insulation *(07 22 16 00-0001)*

07 22 16 00-0045	SF	3/4" Thick, R5.1, Polyisocyanurate, Roof Board Insulation	1.51	0.40
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.11*	
		For Mechanically Fastened To Gypsum, Add	*0.25*	
		For Foil Coating, Integral With Insulation, Add	*0.36*	
07 22 16 00-0046	SF	1" Thick, R7.14, Polyisocyanurate, Roof Board Insulation	1.57	0.40
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.11*	
		For Mechanically Fastened To Gypsum, Add	*0.25*	
		For Foil Coating, Integral With Insulation, Add	*0.36*	
07 22 16 00-0047	SF	1-1/2" Thick, R10.87, Polyisocyanurate, Roof Board Insulation	1.65	0.41
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.09*	
		For Mechanically Fastened To Concrete, Add	*0.13*	
		For Mechanically Fastened To Gypsum, Add	*0.25*	
		For Foil Coating, Integral With Insulation, Add	*0.36*	
07 22 16 00-0048	SF	2" Thick, R14.29, Polyisocyanurate, Roof Board Insulation	1.87	0.41
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.09*	
		For Mechanically Fastened To Concrete, Add	*0.13*	
		For Mechanically Fastened To Gypsum, Add	*0.26*	
		For Foil Coating, Integral With Insulation, Add	*0.36*	
07 22 16 00-0049	SF	2-1/2" Thick, R16.67, Polyisocyanurate, Roof Board Insulation	2.09	0.42
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.07*	
		For Mechanically Fastened To Concrete, Add	*0.16*	
		For Mechanically Fastened To Gypsum, Add	*0.30*	
		For Foil Coating, Integral With Insulation, Add	*0.36*	
07 22 16 00-0050	SF	3" Thick, R21.74, Polyisocyanurate, Roof Board Insulation	2.31	0.42
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.07*	
		For Mechanically Fastened To Concrete, Add	*0.16*	
		For Mechanically Fastened To Gypsum, Add	*0.32*	
		For Foil Coating, Integral With Insulation, Add	*0.36*	
07 22 16 00-0051	SF	3-1/2" Thick, R25, Polyisocyanurate, Roof Board Insulation	2.55	0.43
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.21*	
		For Mechanically Fastened To Gypsum, Add	*0.33*	
		For Foil Coating, Integral With Insulation, Add	*0.36*	
07 22 16 00-0052	SF	4" Thick, R28.8, Polyisocyanurate, Roof Board Insulation	2.77	0.43
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.22*	
		For Mechanically Fastened To Gypsum, Add	*0.37*	
		For Foil Coating, Integral With Insulation, Add	*0.36*	

07 22 16 00-0053 Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0001)*

07 22 16 00-0054	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum)	1.62	0.45
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.14*	
		For Mechanically Fastened To Gypsum, Add	*0.28*	
07 22 16 00-0055	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum)	1.71	0.45
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.14*	
		For Mechanically Fastened To Gypsum, Add	*0.28*	
07 22 16 00-0056	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum)	1.78	0.45
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.14*	
		For Mechanically Fastened To Gypsum, Add	*0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0057	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum)	1.81	0.45
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.14*	
		For Mechanically Fastened To Gypsum, Add	*0.28*	

07 22 16 00-0058 Glass-Mat, Roof Board Insulation (USG Securock) *(07 22 16 00-0001)*

07 22 16 00-0059	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat)	1.59	0.45
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.14*	
		For Mechanically Fastened To Gypsum, Add	*0.28*	
07 22 16 00-0060	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat)	1.73	0.45
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.14*	
		For Mechanically Fastened To Gypsum, Add	*0.28*	
07 22 16 00-0061	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat)	1.76	0.45
		For Hot-Mopped, Deduct	*-0.15*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.14*	
		For Mechanically Fastened To Gypsum, Add	*0.28*	

07 22 16 00-0062 Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation *(07 22 16 00-0001)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.

07 22 16 00-0063	SF	1.5" Thick, R6.6, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation	2.71	0.50
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.09*	
		For Mechanically Fastened To Concrete, Add	*0.24*	
		For Mechanically Fastened To Gypsum, Add	*0.37*	
07 22 16 00-0064	SF	2" Thick, R9.6, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation	2.83	0.50
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.09*	
		For Mechanically Fastened To Concrete, Add	*0.24*	
		For Mechanically Fastened To Gypsum, Add	*0.37*	
07 22 16 00-0065	SF	2.5" Thick, R12.7, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation	3.01	0.51
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.07*	
		For Mechanically Fastened To Concrete, Add	*0.26*	
		For Mechanically Fastened To Gypsum, Add	*0.40*	
07 22 16 00-0066	SF	3" Thick, R15.9, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation	3.12	0.51
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.07*	
		For Mechanically Fastened To Concrete, Add	*0.27*	
		For Mechanically Fastened To Gypsum, Add	*0.43*	
07 22 16 00-0067	SF	3.5" Thick, R19.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation	3.38	0.52
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.32*	
		For Mechanically Fastened To Gypsum, Add	*0.44*	
07 22 16 00-0068	SF	4" Thick, R22.3, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation	3.48	0.53
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.33*	
		For Mechanically Fastened To Gypsum, Add	*0.48*	
07 22 16 00-0069	SF	4.5" Thick, R25.6, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation	3.68	0.57
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.43*	
		For Mechanically Fastened To Gypsum, Add	*0.54*	

07 22 16 00-0070 Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation *(07 22 16 00-0001)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.

07 22 16 00-0071	SF	2.5" Thick, R6.0, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation	2.73	0.50
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.07*	
		For Mechanically Fastened To Concrete, Add	*0.26*	
		For Mechanically Fastened To Gypsum, Add	*0.40*	
07 22 16 00-0072	SF	3" Thick, R9.0, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation	2.96	0.50
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.07*	
		For Mechanically Fastened To Concrete, Add	*0.26*	
		For Mechanically Fastened To Gypsum, Add	*0.42*	
07 22 16 00-0073	SF	3.5" Thick, R12.1, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation	3.22	0.51
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.31*	
		For Mechanically Fastened To Gypsum, Add	*0.43*	
07 22 16 00-0074	SF	4" Thick, R15.3, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation	3.40	0.51
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.32*	
		For Mechanically Fastened To Gypsum, Add	*0.47*	
07 22 16 00-0075	SF	4.5" Thick, R18.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation	3.63	0.52
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.39*	
		For Mechanically Fastened To Gypsum, Add	*0.50*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0076	SF	5" Thick, R21.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation	3.87	0.53
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.40*	
		For Mechanically Fastened To Gypsum, Add	*0.51*	
07 22 16 00-0077	SF	5.5" Thick, R25.0, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation	4.33	0.57
		For Mechanically Fastened To Wood Or Steel, Add	*0.18*	
		For Mechanically Fastened To Concrete, Add	*0.56*	
		For Mechanically Fastened To Gypsum, Add	*0.62*	

07 22 16 00-0078 Rigid Tapered Board Insulation For Roofs *(07 22 16)*

Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required.

07 22 16 00-0079	SF	1/8" Tapered Mineral Fiberboard	4.51	1.17
		For Setting In Hot Asphalt, Add	*0.84*	
07 22 16 00-0080	SF	1/4" Tapered Mineral Fiberboard	4.77	1.17
		For Setting In Hot Asphalt, Add	*0.92*	
07 22 16 00-0081	SF	1/2" Tapered Mineral Fiberboard	5.09	1.17
		For Setting In Hot Asphalt, Add	*1.02*	
07 22 16 00-0082	SF	1/8" Tapered Polyisocyanurate Board	4.83	1.17
		For Setting In Hot Asphalt, Add	*0.84*	
07 22 16 00-0083	SF	1/4" Tapered Polyisocyanurate Board	5.09	1.17
		For Setting In Hot Asphalt, Add	*0.92*	
07 22 16 00-0084	SF	1/2" Tapered Polyisocyanurate Board	5.42	1.17
		For Setting In Hot Asphalt, Add	*1.02*	
07 22 16 00-0085	SF	1/8" Tapered Extruded Polystyrene Board	4.72	1.17
		For Setting In Hot Asphalt, Add	*0.84*	
07 22 16 00-0086	SF	1/4" Tapered Extruded Polystyrene Board	4.99	1.17
		For Setting In Hot Asphalt, Add	*0.92*	
07 22 16 00-0087	SF	1/2" Tapered Extruded Polystyrene Board	5.32	1.17
		For Setting In Hot Asphalt, Add	*1.02*	
07 22 16 00-0088	SF	1/8" Tapered Expanded Polystyrene Board	4.22	1.17
		For Setting In Hot Asphalt, Add	*0.84*	
07 22 16 00-0089	SF	1/4" Tapered Expanded Polystyrene Board	4.48	1.17
		For Setting In Hot Asphalt, Add	*0.92*	
07 22 16 00-0090	SF	1/2" Tapered Expanded Polystyrene Board	4.80	1.17
		For Setting In Hot Asphalt, Add	*1.02*	

07 24 Exterior Insulation And Finish Systems *(07 20)*

07 24 13 Polymer-Based Exterior Insulation And Finish System *(07 24)*

07 24 13 00-0001	SF	1" EIFS Synthetic Stucco System, With Antibacterial Color Finish Note: Includes complete system for normal impact (Adhesive, Polystyrene, Mesh, Stucco (Bases and Finish) and standard color.	8.66	1.29
07 24 13 00-0002	SF	2" EIFS Synthetic Stucco System, With Antibacterial Color Finish Note: Includes complete system for normal impact (Adhesive, Polystyrene, Mesh, Stucco (Bases and Finish) and standard color.	10.30	1.29
07 24 13 00-0003	SF	3" EIFS Synthetic Stucco System, With Antibacterial Color Finish Note: Includes complete system for normal impact (Adhesive, Polystyrene, Mesh, Stucco (Bases and Finish) and standard color.	11.93	1.29
07 24 13 00-0004	SF	4" EIFS Synthetic Stucco System, With Antibacterial Color Finish Note: Includes complete system for normal impact (Adhesive, Polystyrene, Mesh, Stucco (Bases and Finish) and standard color.	13.56	1.29

07 25 Weather Barriers *(07)*

07 26 Vapor Retarders *(07 25)*

07 26 13 Above-Grade Vapor Retarders *(07 26)*

07 26 13 00-0001	CSF	Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B)	20.38
07 26 13 00-0002	CSF	Asphalt Saturated Kraft Building Paper, Grade D, "Jumbo Tex"	19.30
07 26 13 00-0003	CSF	60 Minute Asphalt Saturated Kraft Building Paper, Grade D, "Super Jumbo Tex 60 Minute"	22.78
07 26 13 00-0004	CSF	Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D, "Two Ply Super Jumbo Tex 60 Minute"	27.89
07 26 13 00-0005	CSF	Red Rosin Sized Sheathing	18.11
07 26 13 00-0006	CLF	6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper)	61.85
07 26 13 00-0007	CLF	4" Wide Self Adhering Butyl Sealing Tape	86.96
07 26 13 00-0008	CLF	6" Wide Self Adhesive Butyl Sealing Tape	121.39
07 26 13 00-0009	CLF	9" Wide Self Adhesive Butyl Sealing Tape	163.56
07 26 13 00-0010	CSF	Building Wrap (Tyvek)	45.12

07 27 Air Barriers *(07 25)*

07 27 23 Board Product Air Barriers *(07 27)*

07 27 23 00-0001 Barriers For Plenums *(07 27 23)*

07 27 23 00-0002	SF	0.5" Thick Leaded Vinyl Acoustic Plenum Barrier 0.48 LB/SF	8.27	2.45
		For Up To 50, Add	*3.16*	
		For >50 To 200, Add	*1.79*	
		For >200 To 500, Add	*0.65*	
		For >2500, Deduct	*-0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 27 23 00-0003	SF	0.625" Thick Leaded Vinyl Acoustic Plenum Barrier 0.87 LB/SF	8.95	2.45
		For Up To 50, Add	*3.44*	
		For >50 To 200, Add	*1.95*	
		For >200 To 500, Add	*0.71*	
		For >2500, Deduct	*-0.45*	
07 27 23 00-0004	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick	3.38	1.63
		For Up To 50, Add	*1.69*	
		For >50 To 200, Add	*0.93*	
		For >200 To 500, Add	*0.32*	
		For >2500, Deduct	*-0.17*	
07 27 23 00-0005	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick	6.14	2.45
		For Up To 50, Add	*3.02*	
		For >50 To 200, Add	*1.66*	
		For >200 To 500, Add	*0.57*	
		For >2500, Deduct	*-0.31*	
07 27 23 00-0006	SF	Aluminum Mesh Barrier For Plenum Kraft Paper Backed	4.21	1.63
		For Up To 50, Add	*1.82*	
		For >50 To 200, Add	*1.01*	
		For >200 To 500, Add	*0.36*	
		For >2500, Deduct	*-0.21*	
07 27 23 00-0007	SF	1/64" Thick Sheet Lead Barrier For Plenum 1 LB/SF	6.17	1.63
		For Up To 50, Add	*2.01*	
		For >50 To 200, Add	*1.16*	
		For >200 To 500, Add	*0.44*	
		For >2500, Deduct	*-0.31*	

07 30 Steep Slope Roofing *(07)*

Note: Includes starter strips and 15 year warranty unless otherwise noted and all warranties are No Dollar Limit (NDL) to include labor, material and equipment.

07 31 Shingles And Shakes *(07 30)*

07 31 13 Asphalt Shingles *(07 31)*

07 31 13 00-0001 Three Tab Fiberglass Reinforced, Asphalt Composition Shingle *(07 31 13)*

Note: Excludes underlayment, drip edges, and ridge vent.

07 31 13 00-0002	SQ	200 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20)	209.32	134.25
		For >50 To 75, Deduct	*-3.49*	
		For >75 To 100, Deduct	*-9.16*	
		For >100 To 200, Deduct	*-15.70*	
		For >200, Deduct	*-24.42*	
		For Steep Roof, Over 7 To 12, Add	*39.07*	
07 31 13 00-0003	SQ	220 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25)	219.51	140.99
		For >50 To 75, Deduct	*-3.65*	
		For >75 To 100, Deduct	*-9.60*	
		For >100 To 200, Deduct	*-16.46*	
		For >200, Deduct	*-25.60*	
		For Steep Roof, Over 7 To 12, Add	*41.01*	
07 31 13 00-0004	SQ	230 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30)	254.97	148.02
		For >50 To 75, Deduct	*-4.81*	
		For >75 To 100, Deduct	*-11.79*	
		For >100 To 200, Deduct	*-19.97*	
		For >200, Deduct	*-30.31*	
		For Steep Roof, Over 7 To 12, Add	*43.08*	

07 31 13 00-0005 Architectural Fiberglass Reinforced, Asphalt Composition Shingle *(07 31 13)*

Note: Excludes underlayment, drip edges, and ridge vent.

07 31 13 00-0006	SQ	245 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark)	260.84	171.39
		For >50 To 75, Deduct	*-4.20*	
		For >75 To 100, Deduct	*-11.25*	
		For >100 To 200, Deduct	*-19.35*	
		For >200, Deduct	*-30.29*	
		For Steep Roof, Over 7 To 12, Add	*49.85*	
07 31 13 00-0007	SQ	240 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate)	277.23	163.18
		For >50 To 75, Deduct	*-5.15*	
		For >75 To 100, Deduct	*-12.73*	
		For >100 To 200, Deduct	*-21.59*	
		For >200, Deduct	*-32.88*	
		For Steep Roof, Over 7 To 12, Add	*47.48*	
07 31 13 00-0008	SQ	265 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus)	300.13	179.96
		For >50 To 75, Deduct	*-5.46*	
		For >75 To 100, Deduct	*-13.65*	
		For >100 To 200, Deduct	*-23.20*	
		For >200, Deduct	*-35.47*	
		For Steep Roof, Over 7 To 12, Add	*52.36*	
07 31 13 00-0009	SQ	235 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras)	290.95	155.42
		For >50 To 75, Deduct	*-5.99*	
		For >75 To 100, Deduct	*-14.01*	
		For >100 To 200, Deduct	*-23.53*	
		For >200, Deduct	*-35.08*	
		For Steep Roof, Over 7 To 12, Add	*45.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 00-0010	SQ	300 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium)	325.99	188.97
		For >50 To 75, Deduct	*-6.17*	
		For >75 To 100, Deduct	*-15.09*	
		For >100 To 200, Deduct	*-25.55*	
		For >200, Deduct	*-38.77*	
		For Steep Roof, Over 7 To 12, Add	*54.96*	
07 31 13 00-0011	SQ	300 LB/SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence)	348.59	188.97
		For >50 To 75, Deduct	*-7.07*	
		For >75 To 100, Deduct	*-16.67*	
		For >100 To 200, Deduct	*-28.04*	
		For >200, Deduct	*-41.93*	
		For Steep Roof, Over 7 To 12, Add	*54.96*	
07 31 13 00-0012	SQ	355 LB/SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake)	380.56	208.30
		For >50 To 75, Deduct	*-7.65*	
		For >75 To 100, Deduct	*-18.12*	
		For >100 To 200, Deduct	*-30.50*	
		For >200, Deduct	*-45.70*	
		For Steep Roof, Over 7 To 12, Add	*60.61*	
07 31 13 00-0013	SQ	340 LB/SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL)	377.92	198.42
		For >50 To 75, Deduct	*-7.90*	
		For >75 To 100, Deduct	*-18.34*	
		For >100 To 200, Deduct	*-30.75*	
		For >200, Deduct	*-45.70*	
		For Steep Roof, Over 7 To 12, Add	*57.70*	
07 31 13 00-0014	SQ	300 LB/SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris)	376.39	188.97
		For >50 To 75, Deduct	*-8.19*	
		For >75 To 100, Deduct	*-18.62*	
		For >100 To 200, Deduct	*-31.10*	
		For >200, Deduct	*-45.82*	
		For Steep Roof, Over 7 To 12, Add	*54.96*	
07 31 13 00-0015	SQ	355 LB/SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate)	441.42	208.30
		For >50 To 75, Deduct	*-10.08*	
		For >75 To 100, Deduct	*-22.38*	
		For >100 To 200, Deduct	*-37.19*	
		For >200, Deduct	*-54.22*	
		For Steep Roof, Over 7 To 12, Add	*60.61*	
07 31 13 00-0016	SQ	355 LB/SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House)	457.27	208.30
		For >50 To 75, Deduct	*-10.71*	
		For >75 To 100, Deduct	*-23.49*	
		For >100 To 200, Deduct	*-38.94*	
		For >200, Deduct	*-56.44*	
		For Steep Roof, Over 7 To 12, Add	*60.61*	
07 31 13 00-0017	SQ	480 LB/SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL)	508.13	229.69
		For >50 To 75, Deduct	*-11.97*	
		For >75 To 100, Deduct	*-26.17*	
		For >100 To 200, Deduct	*-43.37*	
		For >200, Deduct	*-62.79*	
		For Steep Roof, Over 7 To 12, Add	*66.82*	
07 31 13 00-0018	SQ	425 LB/SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor)	500.91	218.70
		For >50 To 75, Deduct	*-12.08*	
		For >75 To 100, Deduct	*-26.12*	
		For >100 To 200, Deduct	*-43.17*	
		For >200, Deduct	*-62.17*	
		For Steep Roof, Over 7 To 12, Add	*63.64*	

07 31 13 00-0019 Accessories *(07 31 13)*

07 31 13 00-0020	LF	Hip And Ridge Roll Vent Note: Excludes shingles.	4.75	0.81
07 31 13 00-0021	LF	Three Tab Hip And Ridge Shingles	2.91	2.00
07 31 13 00-0022	LF	Architectural Hip And Ridge Shingles	3.53	2.22
07 31 13 00-0023	SQ	Demolition Of Additional Layers Of Shingles	73.24	

07 31 16 Metal Shingles *(07 31)*

07 31 16 00-0001 Aluminum Shingles *(07 31 16)*

07 31 16 00-0002	SQ	Aluminum Shingles, Mill Finish, 0.020" Thick	433.69	116.43
		For Colors, Anodized Finish, Add	*30.00*	
		For Bonderized Finish, Add	*47.00*	
		For 1" Factory Applied Polystyrene, Add	*37.00*	
07 31 16 00-0003	SQ	Aluminum Shingles, Mill Finish, 0.030" Thick	577.61	127.25
		For Colors, Anodized Finish, Add	*30.00*	
		For Bonderized Finish, Add	*47.00*	
		For 1" Factory Applied Polystyrene, Add	*37.00*	
07 31 16 00-0004	LF	Aluminum Shingles, Ridge Cap, 0.020" Thick	7.73	1.68
07 31 16 00-0005	LF	Aluminum Shingles, Ridge Cap, 0.030" Thick	8.05	1.68
07 31 16 00-0006	LF	Aluminum Shingles, Valley Section For Above, 0.020" Thick	5.28	1.68
07 31 16 00-0007	LF	Aluminum Shingles, Valley Section For Above, 0.030" Thick	5.93	1.68

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 16 00-0008		Galvanized Steel Shingles *(07 31 16)*		
07 31 16 00-0009	SQ	24 Gauge Steel Shingles, Galvanized	320.68	104.12
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-4.50*	
		For >75 To 100, Deduct	*-13.08*	
		For >100 To 200, Deduct	*-22.78*	
		For >200, Deduct	*-31.36*	
		For Steep Roof, Over 7 To 12, Add	*66.65*	
07 31 16 00-0010	SQ	26 Gauge Steel Shingles, Galvanized	309.64	103.29
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-4.13*	
		For >75 To 100, Deduct	*-12.38*	
		For >100 To 200, Deduct	*-21.67*	
		For >200, Deduct	*-29.93*	
		For Steep Roof, Over 7 To 12, Add	*66.08*	
07 31 16 00-0011	SQ	24 Gauge Steel Shingles, Galvanized And Bonderized	482.77	103.29
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-11.05*	
		For >75 To 100, Deduct	*-24.50*	
		For >100 To 200, Deduct	*-40.71*	
		For >200, Deduct	*-54.17*	
		For Steep Roof, Over 7 To 12, Add	*66.08*	
07 31 16 00-0012	SQ	26 Gauge Steel Shingles, Galvanized And Bonderized	448.71	103.29
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-9.69*	
		For >75 To 100, Deduct	*-22.12*	
		For >100 To 200, Deduct	*-36.97*	
		For >200, Deduct	*-49.40*	
		For Steep Roof, Over 7 To 12, Add	*66.08*	
07 31 16 00-0013	LF	Ridge Or Valley	5.09	1.39
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-0.09*	
		For >75 To 100, Deduct	*-0.23*	
		For >100 To 200, Deduct	*-0.40*	
		For >200, Deduct	*-0.54*	
		For Steep Roof, Over 7 To 12, Add	*0.87*	
07 31 19		**Mineral-Fiber Cement Shingles** *(07 31)*		
07 31 19 00-0001	SQ	Mineral Fiber Strip Shingles, 14" X 30", 325 LB/SQ	436.30	69.84
		For Steep Roof, Over 7 To 12, Add	*44.70*	
07 31 19 00-0002	SQ	Mineral Fiber, Shakes, 9.35" x 16", 500 LB/SQ	632.24	127.11
		For Steep Roof, Over 7 To 12, Add	*81.35*	
07 31 19 00-0003	SQ	Mineral Fiber, Hexagonal Shape, 16" X 16", per SQ	441.68	93.24
		For Steep Roof, Over 7 To 12, Add	*59.66*	
07 31 19 00-0004	SQ	Mineral Fiber, Square, 16" X 16", per SQ	414.09	93.24
		For Steep Roof, Over 7 To 12, Add	*59.66*	
07 31 19 00-0005	CLF	Mineral Fiber, Strip Shingles, Starters, 8" x 30", 255 LB Per 100 LF	332.69	93.24
07 31 19 00-0006	CLF	Mineral Fiber, Hip And Ridge Shingles, 4-3/4" x 14", 380 LB Per 100 LF	1,082.98	279.36
07 31 19 00-0007	CLF	Mineral Fiber, Hip And Ridge Shingles, 5-3/8" X 14", per 100 LF	1,131.27	279.36
07 31 26		**Slate Shingles** *(07 31)*		
		Note: Includes 30 LB felt and fasteners.		
07 31 26 00-0001	SQ	Slate Shingles, Buckingham, Virginia Black, 3/16" Thick	1,017.52	177.62
		For >50 To 75, Deduct	*-24.91*	
		For >75 To 100, Deduct	*-53.47*	
		For >100 To 200, Deduct	*-88.25*	
		For >200, Deduct	*-116.80*	
		For Graduated Shapes, Add	*93.43*	
		For Steep Roof, Over 7 To 12, Add	*126.30*	
07 31 26 00-0002	SQ	Slate Shingles, Buckingham, Virginia Black, 1/4" Thick	1,192.52	177.62
		For >50 To 75, Deduct	*-31.91*	
		For >75 To 100, Deduct	*-65.72*	
		For >100 To 200, Deduct	*-107.50*	
		For >200, Deduct	*-141.30*	
		For Graduated Shapes, Add	*119.68*	
		For Steep Roof, Over 7 To 12, Add	*126.30*	
07 31 26 00-0003	SQ	Slate Shingles, Penn Black Bangor	1,140.02	177.62
		For >50 To 75, Deduct	*-29.81*	
		For >75 To 100, Deduct	*-62.04*	
		For >100 To 200, Deduct	*-101.72*	
		For >200, Deduct	*-133.95*	
		For Graduated Shapes, Add	*111.80*	
		For Steep Roof, Over 7 To 12, Add	*126.30*	
07 31 26 00-0004	SQ	Slate Shingles, Vermont, Unfading Colors, Green	1,157.52	177.62
		For >50 To 75, Deduct	*-30.51*	
		For >75 To 100, Deduct	*-63.27*	
		For >100 To 200, Deduct	*-103.65*	
		For >200, Deduct	*-136.40*	
		For Graduated Shapes, Add	*114.43*	
		For Steep Roof, Over 7 To 12, Add	*126.30*	
07 31 26 00-0005	SQ	Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray	1,227.52	177.62
		For >50 To 75, Deduct	*-33.31*	
		For >75 To 100, Deduct	*-68.17*	
		For >100 To 200, Deduct	*-111.35*	
		For >200, Deduct	*-146.20*	
		For Graduated Shapes, Add	*124.93*	
		For Steep Roof, Over 7 To 12, Add	*126.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 26 00-0006	SQ	Slate Shingles, Vermont, Unfading Color, Purple	1,140.02	177.62
		For >50 To 75, Deduct	*-29.81*	
		For >75 To 100, Deduct	*-62.04*	
		For >100 To 200, Deduct	*-101.72*	
		For >200, Deduct	*-133.95*	
		For Graduated Shapes, Add	*111.80*	
		For Steep Roof, Over 7 To 12, Add	*126.30*	
07 31 26 00-0007	SQ	Slate Shingles, Vermont, Unfading Color, Black Or Gray	1,087.52	177.62
		For >50 To 75, Deduct	*-27.71*	
		For >75 To 100, Deduct	*-58.37*	
		For >100 To 200, Deduct	*-95.95*	
		For >200, Deduct	*-126.60*	
		For Graduated Shapes, Add	*103.93*	
		For Steep Roof, Over 7 To 12, Add	*126.30*	
07 31 26 00-0008	SQ	Slate Shingles, Vermont, Unfading Color, Red	2,181.02	177.62
		For >50 To 75, Deduct	*-71.45*	
		For >75 To 100, Deduct	*-134.91*	
		For >100 To 200, Deduct	*-216.23*	
		For >200, Deduct	*-279.69*	
		For Graduated Shapes, Add	*267.95*	
		For Steep Roof, Over 7 To 12, Add	*126.30*	
07 31 26 00-0009	SQ	Slate Shingles, Vermont, Unfading Color, Variegated Purple	1,140.02	177.62
		For >50 To 75, Deduct	*-29.81*	
		For >75 To 100, Deduct	*-62.04*	
		For >100 To 200, Deduct	*-101.72*	
		For >200, Deduct	*-133.95*	
		For Graduated Shapes, Add	*111.80*	
		For Steep Roof, Over 7 To 12, Add	*126.30*	

07 31 29 Wood Shingles And Shakes *(07 31)*

07 31 29 13 Wood Shingles *(07 31 29)*

07 31 29 13-0001 #1 Grade, Red Cedar Shingles *(07 31 29 13)*

07 31 29 13-0002 #1 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0001)*

07 31 29 13-0003	SQ	3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	556.07	162.93
		For Steep Roof, Over 7 To 12, Add	*104.28*	
		For CCA Treated, Add	*34.53*	
07 31 29 13-0004	SQ	5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	405.55	122.20
		For Steep Roof, Over 7 To 12, Add	*78.21*	
		For CCA Treated, Add	*24.17*	
07 31 29 13-0005	SQ	4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	489.92	138.49
		For Steep Roof, Over 7 To 12, Add	*88.63*	
		For CCA Treated, Add	*31.94*	
07 31 29 13-0006	SQ	5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	401.64	114.05
		For Steep Roof, Over 7 To 12, Add	*72.99*	
		For CCA Treated, Add	*26.03*	
07 31 29 13-0007	SQ	5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	505.97	107.94
		For Steep Roof, Over 7 To 12, Add	*69.08*	
		For CCA Treated, Add	*43.51*	
07 31 29 13-0008	SQ	7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	396.51	91.65
		For Steep Roof, Over 7 To 12, Add	*58.66*	
		For CCA Treated, Add	*31.98*	

07 31 29 13-0009 #1 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0001)*

07 31 29 13-0010	SQ	7" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	408.38	146.64
		For CCA Treated, Add	*17.27*	
07 31 29 13-0011	SQ	8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	396.66	138.49
		For CCA Treated, Add	*17.95*	
07 31 29 13-0012	SQ	10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	392.62	120.16
		For CCA Treated, Add	*22.84*	

07 31 29 13-0013 #2 Grade, Red Cedar Shingles *(07 31 29 13)*

07 31 29 13-0014 #2 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0013)*

07 31 29 13-0015	SQ	3-1/2" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	528.10	171.08
		For Steep Roof, Over 7 To 12, Add	*109.49*	
		For CCA Treated, Add	*27.89*	
07 31 29 13-0016	SQ	4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	472.27	154.78
		For Steep Roof, Over 7 To 12, Add	*99.06*	
		For CCA Treated, Add	*24.41*	
07 31 29 13-0017	SQ	4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	497.65	154.78
		For Steep Roof, Over 7 To 12, Add	*99.06*	
		For CCA Treated, Add	*28.21*	
07 31 29 13-0018	SQ	4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	444.29	138.49
		For Steep Roof, Over 7 To 12, Add	*88.63*	
		For CCA Treated, Add	*25.10*	
07 31 29 13-0019	SQ	5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	418.27	107.94
		For Steep Roof, Over 7 To 12, Add	*69.08*	
		For CCA Treated, Add	*30.36*	
07 31 29 13-0020	SQ	6-1/2" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	345.01	93.69
		For Steep Roof, Over 7 To 12, Add	*59.96*	
		For CCA Treated, Add	*23.65*	

07 31 29 13-0021 #2 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0013)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 13-0022	SQ	6" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	402.54	154.78
		For CCA Treated, Add	*13.95*	
07 31 29 13-0023	SQ	7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	387.32	146.64
		For CCA Treated, Add	*14.11*	
07 31 29 13-0024	SQ	9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	366.94	130.34
		For CCA Treated, Add	*15.94*	

07 31 29 16 Wood Shakes *(07 31 29)*

07 31 29 16-0001 #1 Grade, Red Cedar Shakes *(07 31 29 16)*

07 31 29 16-0002 #1 Grade, Red Cedar Shakes Installed On Roofs *(07 31 29 16-0001)*

07 31 29 16-0003	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	413.52	132.38
		For Steep Roof, Over 7 To 12, Add	*84.73*	
		For CCA Treated, Add	*22.31*	
07 31 29 16-0004	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	463.10	132.38
		For Steep Roof, Over 7 To 12, Add	*84.73*	
		For CCA Treated, Add	*29.75*	
07 31 29 16-0005	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	420.42	107.94
		For Steep Roof, Over 7 To 12, Add	*69.08*	
		For CCA Treated, Add	*30.68*	
07 31 29 16-0006	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	441.50	107.94
		For Steep Roof, Over 7 To 12, Add	*69.08*	
		For CCA Treated, Add	*33.84*	

07 31 29 16-0007 #1 Grade, Red Cedar Shakes Installed On Walls *(07 31 29 16-0001)*

07 31 29 16-0008	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	433.88	142.57
		For CCA Treated, Add	*22.31*	
07 31 29 16-0009	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	483.46	142.57
		For CCA Treated, Add	*29.75*	
07 31 29 16-0010	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	448.93	122.20
		For CCA Treated, Add	*30.68*	
07 31 29 16-0011	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	470.01	122.20
		For CCA Treated, Add	*33.84*	

07 31 29 17 Wood Hip And Ridge Cap *(07 31 29)*

07 31 29 17-0001 Wood Hip And Ridge Cap For Wood Shingles Or Shakes *(07 31 29 17)*

07 31 29 17-0002	LF	Red Cedar Hip Or Ridge Cap For Wood Shingles Or Shakes	6.40	1.06
		For Steep Roof, Over 7 To 12, Add	*0.79*	
		For CCA Treated Ridge, Add	*0.59*	

07 31 33 Composite Rubber Shingles *(07 31)*

07 31 33 00-0001	SQ	Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Gray or black.	718.24	156.02
		For Purple Or Green Color, Add	*65.00*	
		For Brown Or Red Color, Add	*166.55*	
		For Steep Roof, Over 7 To 12, Add	*99.84*	
		For >50 To 75, Deduct	*-10.16*	
		For >75 To 100, Deduct	*-28.11*	
		For >100 To 200, Deduct	*-46.07*	
		For >200, Deduct	*-71.82*	
07 31 33 00-0002	SQ	Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Fire resistant. Gray or black.	989.06	156.02
		For Purple, Green, Brown Or Red, Add	*101.56*	
		For Steep Roof, Over 7 To 12, Add	*99.84*	
		For >50 To 75, Deduct	*-16.93*	
		For >75 To 100, Deduct	*-41.65*	
		For >100 To 200, Deduct	*-66.38*	
		For >200, Deduct	*-98.91*	
07 31 33 00-0003	SQ	Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Beaver tail, chisel point or beveled edges. Gray or black.	829.75	156.02
		For Purple, Green, Brown Or Red, Add	*186.39*	
		For Steep Roof, Over 7 To 12, Add	*99.84*	
		For >50 To 75, Deduct	*-12.94*	
		For >75 To 100, Deduct	*-33.69*	
		For >100 To 200, Deduct	*-54.43*	
		For >200, Deduct	*-82.98*	
07 31 33 00-0004	SQ	Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black.	1,044.82	156.02
		For Purple, Green, Brown Or Red, Add	*80.61*	
		For Steep Roof, Over 7 To 12, Add	*99.84*	
		For >50 To 75, Deduct	*-18.32*	
		For >75 To 100, Deduct	*-44.44*	
		For >100 To 200, Deduct	*-70.56*	
		For >200, Deduct	*-104.48*	
07 31 33 00-0005	LF	Hip Or Ridge Polymeric Rubber Slate Shingle Note: Beveled or pointed edges, gray or black.	11.99	1.04

07 32 Roof Tiles *(07 30)*

07 32 13 Clay Roof Tiles *(07 32)*

Note: 8-1/4" x 11" exposure. Includes mortar, fasteners, felt underlayment and 90# cap sheet.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0001	SQ	Lanai Or Classic Tile, 158 Piece Per SQ	902.07	168.45
		For >25 To 50, Deduct	*-33.91*	
		For >50 To 75, Deduct	*-64.94*	
		For >75 To 100, Deduct	*-90.31*	
		For >100 To 200, Deduct	*-110.04*	
		For >200, Deduct	*-124.11*	
		For 20 Year Warranty, Add	*39.56*	
07 32 13 00-0002	SQ	Americana (Most Colors) Tile Roofing, 158 Piece Per SQ	1,087.01	168.45
		For >25 To 50, Deduct	*-45.00*	
		For >50 To 75, Deduct	*-83.43*	
		For >75 To 100, Deduct	*-114.36*	
		For >100 To 200, Deduct	*-137.78*	
		For >200, Deduct	*-153.71*	
		For 20 Year Warranty, Add	*52.50*	
07 32 13 00-0003	SQ	Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ	1,087.01	168.45
		For >25 To 50, Deduct	*-45.00*	
		For >50 To 75, Deduct	*-83.43*	
		For >75 To 100, Deduct	*-114.36*	
		For >100 To 200, Deduct	*-137.78*	
		For >200, Deduct	*-153.71*	
		For 20 Year Warranty, Add	*52.50*	
07 32 13 00-0004	SQ	Americana (Blue) Tile, 158 Piece Per SQ	1,243.92	168.45
		For >25 To 50, Deduct	*-54.42*	
		For >50 To 75, Deduct	*-99.12*	
		For >75 To 100, Deduct	*-134.75*	
		For >100 To 200, Deduct	*-161.32*	
		For >200, Deduct	*-178.81*	
		For 20 Year Warranty, Add	*63.49*	
07 32 13 00-0005	SQ	French Tile Roofing, Red, 133 Piece Per SQ	1,076.47	205.96
		For >25 To 50, Deduct	*-39.87*	
		For >50 To 75, Deduct	*-76.75*	
		For >75 To 100, Deduct	*-106.99*	
		For >100 To 200, Deduct	*-130.58*	
		For >200, Deduct	*-147.52*	
		For 20 Year Warranty, Add	*46.52*	
07 32 13 00-0006	SQ	French Tile Roofing, Blue Or Green, 133 Piece Per SQ	1,352.50	205.96
		For >25 To 50, Deduct	*-56.44*	
		For >50 To 75, Deduct	*-104.36*	
		For >75 To 100, Deduct	*-142.87*	
		For >100 To 200, Deduct	*-171.98*	
		For >200, Deduct	*-191.69*	
		For 20 Year Warranty, Add	*65.84*	
07 32 13 00-0007	SQ	Norman Tile Roofing, 317 Piece Per SQ	1,725.90	277.85
		For >25 To 50, Deduct	*-70.22*	
		For >50 To 75, Deduct	*-130.93*	
		For >75 To 100, Deduct	*-179.92*	
		For >100 To 200, Deduct	*-217.22*	
		For >200, Deduct	*-242.81*	
		For 20 Year Warranty, Add	*81.93*	
07 32 13 00-0008	SQ	Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ	938.36	205.96
		For >25 To 50, Deduct	*-31.59*	
		For >50 To 75, Deduct	*-62.94*	
		For >75 To 100, Deduct	*-89.03*	
		For >100 To 200, Deduct	*-109.86*	
		For >200, Deduct	*-125.42*	
		For 20 Year Warranty, Add	*36.85*	
07 32 13 00-0009	SQ	Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ	1,161.97	205.96
		For >25 To 50, Deduct	*-45.00*	
		For >50 To 75, Deduct	*-85.30*	
		For >75 To 100, Deduct	*-118.10*	
		For >100 To 200, Deduct	*-143.40*	
		For >200, Deduct	*-161.20*	
		For 20 Year Warranty, Add	*52.50*	
07 32 13 00-0010	SQ	Spanish Tile Roofing, Red, 171 Piece Per SQ	806.34	154.20
		For >25 To 50, Deduct	*-29.87*	
		For >50 To 75, Deduct	*-57.50*	
		For >75 To 100, Deduct	*-80.15*	
		For >100 To 200, Deduct	*-97.82*	
		For >200, Deduct	*-110.51*	
		For 20 Year Warranty, Add	*34.85*	
07 32 13 00-0011	SQ	Spanish Tile Roofing, Blend, 171 Piece Per SQ	1,047.31	154.20
		For >25 To 50, Deduct	*-44.33*	
		For >50 To 75, Deduct	*-81.60*	
		For >75 To 100, Deduct	*-111.47*	
		For >100 To 200, Deduct	*-133.96*	
		For >200, Deduct	*-149.06*	
		For 20 Year Warranty, Add	*51.72*	
07 32 13 00-0012	SQ	Spanish Tile Roofing, Glazed White, 171 Piece Per SQ	1,254.66	154.20
		For >25 To 50, Deduct	*-56.77*	
		For >50 To 75, Deduct	*-102.33*	
		For >75 To 100, Deduct	*-138.43*	
		For >100 To 200, Deduct	*-165.07*	
		For >200, Deduct	*-182.24*	
		For 20 Year Warranty, Add	*66.23*	
07 32 13 00-0013	SQ	Two Piece Mission Tile Roofing, 192 Piece Per SQ	1,513.72	241.73
		For >25 To 50, Deduct	*-61.82*	
		For >50 To 75, Deduct	*-115.11*	
		For >75 To 100, Deduct	*-158.11*	
		For >100 To 200, Deduct	*-190.80*	
		For >200, Deduct	*-213.19*	
		For 20 Year Warranty, Add	*72.12*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0014	SQ	One Piece Mission Tile Roofing, 75 Piece Per SQ	661.10	168.45
		For >25 To 50, Deduct	*-19.45*	
		For >50 To 75, Deduct	*-40.84*	
		For >75 To 100, Deduct	*-58.99*	
		For >100 To 200, Deduct	*-73.89*	
		For >200, Deduct	*-85.56*	
		For 20 Year Warranty, Add	*22.69*	
07 32 13 00-0015	SQ	One Piece Mission Tile Roofing, 134 Piece Per SQ	883.27	241.73
		For >25 To 50, Deduct	*-23.99*	
		For >50 To 75, Deduct	*-52.07*	
		For >75 To 100, Deduct	*-76.15*	
		For >100 To 200, Deduct	*-96.23*	
		For >200, Deduct	*-112.32*	
		For 20 Year Warranty, Add	*27.99*	

07 32 16 Concrete Roof Tiles *(07 32)*

07 32 16 00-0001 Corrugated Tiles And Shakes Nailed To Wood *(07 32 16)*

Note: Includes 30 lb felt underlayment.

07 32 16 00-0002	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Earthtone Colors, Corrugated	691.92	255.34
		For >50 To 75, Deduct	*-7.25*	
		For >75 To 100, Deduct	*-25.45*	
		For >100 To 200, Deduct	*-45.47*	
		For >200, Deduct	*-63.67*	
		For Steep Roof, Over 7 To 12, Add	*163.44*	
07 32 16 00-0003	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Blues, Corrugated	881.72	255.34
		For >50 To 75, Deduct	*-14.84*	
		For >75 To 100, Deduct	*-38.74*	
		For >100 To 200, Deduct	*-66.34*	
		For >200, Deduct	*-90.24*	
		For Steep Roof, Over 7 To 12, Add	*163.44*	
07 32 16 00-0004	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Greens Corrugated	729.88	255.34
		For >50 To 75, Deduct	*-8.76*	
		For >75 To 100, Deduct	*-28.11*	
		For >100 To 200, Deduct	*-49.64*	
		For >200, Deduct	*-68.98*	
		For Steep Roof, Over 7 To 12, Add	*163.44*	
07 32 16 00-0005	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Colors, Shakes	685.60	228.46
		For >50 To 75, Deduct	*-9.14*	
		For >75 To 100, Deduct	*-27.43*	
		For >100 To 200, Deduct	*-48.00*	
		For >200, Deduct	*-66.28*	
		For Steep Roof, Over 7 To 12, Add	*146.24*	

07 32 16 00-0006 Accessories *(07 32 16)*

07 32 16 00-0007	EA	Ridge And Hip, 10" X 16-1/2", 8 LB Each For Concrete Tile Roof	3.21
07 32 16 00-0008	EA	Rake, 6-1/2" X 16-3/4", 9 LB Each For Concrete Tile Roof	2.11
07 32 16 00-0009	EA	Mansard Hip, 10" X 16-1/2", 9.2 LB Each For Concrete Tile Roof	3.18
07 32 16 00-0010	EA	Hip Starter, 10" X 16-1/2", 10.5 LB Each For Concrete Tile Roof	3.65
07 32 16 00-0011	EA	3 Or 4 Way Apex, 10" Each Side, 11.5 LB Each For Concrete Tile Roof	3.80

07 34 Roofing Underlayment *(07 30)*

07 34 00 00-0001 Mechanically Fastened, Roofing Underlayment *(07 34)*

Note: Standard slope.

07 34 00 00-0002	SQ	15#, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	18.04	5.03
		For Steep Roof, Over 7 To 12, Add	*3.22*	
		For >50 To 75, Deduct	*-0.32*	
		For >75 To 100, Deduct	*-0.81*	
		For >100 To 200, Deduct	*-1.38*	
		For >200, Deduct	*-2.12*	
07 34 00 00-0003	SQ	30#, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	26.96	6.91
		For Steep Roof, Over 7 To 12, Add	*4.42*	
		For >50 To 75, Deduct	*-0.53*	
		For >75 To 100, Deduct	*-1.27*	
		For >100 To 200, Deduct	*-2.14*	
		For >200, Deduct	*-3.22*	
07 34 00 00-0004	SQ	30#, Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened	30.69	6.91
		For Steep Roof, Over 7 To 12, Add	*4.42*	
		For >50 To 75, Deduct	*-0.67*	
		For >75 To 100, Deduct	*-1.53*	
		For >100 To 200, Deduct	*-2.55*	
		For >200, Deduct	*-3.74*	
07 34 00 00-0005	SQ	Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt)	37.20	10.48
		For Steep Roof, Over 7 To 12, Add	*6.71*	
		For >50 To 75, Deduct	*-0.65*	
		For >75 To 100, Deduct	*-1.66*	
		For >100 To 200, Deduct	*-2.83*	
		For >200, Deduct	*-4.37*	
07 34 00 00-0006	SQ	17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 25)	38.21	10.48
		For Steep Roof, Over 7 To 12, Add	*6.71*	
		For >50 To 75, Deduct	*-0.69*	
		For >75 To 100, Deduct	*-1.73*	
		For >100 To 200, Deduct	*-2.95*	
		For >200, Deduct	*-4.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 34 00 00-0007	SQ	25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 30)	41.24	10.48
		For Steep Roof, Over 7 To 12, Add	*6.71*	
		For >50 To 75, Deduct	*-0.81*	
		For >75 To 100, Deduct	*-1.94*	
		For >100 To 200, Deduct	*-3.28*	
		For >200, Deduct	*-4.94*	
07 34 00 00-0008	SQ	30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 50)	42.45	10.48
		For Steep Roof, Over 7 To 12, Add	*6.71*	
		For >50 To 75, Deduct	*-0.86*	
		For >75 To 100, Deduct	*-2.03*	
		For >100 To 200, Deduct	*-3.41*	
		For >200, Deduct	*-5.10*	

07 34 00 00-0009 Self-Adhering, Roofing Underlayment *(07 34)*

Note: Standard slope.

07 34 00 00-0010	SQ	48 Mil, Fire Rated, Polymeric Asphalt Surfaced, Fiberglass Mat Reinforced, SBS Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Mat)	62.71	12.71
		For Steep Roof, Over 7 To 12, Add	*8.13*	
		For >50 To 75, Deduct	*-1.49*	
		For >75 To 100, Deduct	*-3.25*	
		For >100 To 200, Deduct	*-5.37*	
		For >200, Deduct	*-7.76*	
07 34 00 00-0011	SQ	60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering (Grace Basik®)	89.01	12.71
		For Steep Roof, Over 7 To 12, Add	*8.13*	
		For >50 To 75, Deduct	*-2.54*	
		For >75 To 100, Deduct	*-5.09*	
		For >100 To 200, Deduct	*-8.27*	
		For >200, Deduct	*-11.45*	
07 34 00 00-0012	SQ	53 Mil, Fire Rated, Granule Surfaced, Fiberglass Mat Reinforced, SBS Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® G)	69.31	12.71
		For Steep Roof, Over 7 To 12, Add	*8.13*	
		For >50 To 75, Deduct	*-1.76*	
		For >75 To 100, Deduct	*-3.71*	
		For >100 To 200, Deduct	*-6.10*	
		For >200, Deduct	*-8.69*	
07 34 00 00-0013	SQ	65 Mil, Fire Rated, Polyester Non Woven Fabric Surfaced, Fiberglass Mat Reinforced, SBS Modified Roofing Underlayment, Self Adhering (Owens Corning® WeatherLock® Specialty Tile And Metal)	65.82	12.71
		For Steep Roof, Over 7 To 12, Add	*8.13*	
		For >50 To 75, Deduct	*-1.62*	
		For >75 To 100, Deduct	*-3.46*	
		For >100 To 200, Deduct	*-5.72*	
		For >200, Deduct	*-8.20*	
07 34 00 00-0014	SQ	45 Mil, Fire Rated, High Temperature, Synthetic Polymer Surfaced, Modified Rubberized Asphalt, Roofing Underlayment, Self-Adhering (TITANIUM™ PSU-30)	79.95	12.71
		For Steep Roof, Over 7 To 12, Add	*8.13*	
		For >50 To 75, Deduct	*-2.18*	
		For >75 To 100, Deduct	*-4.45*	
		For >100 To 200, Deduct	*-7.27*	
		For >200, Deduct	*-10.18*	
07 34 00 00-0015	SQ	25 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Select)	73.41	12.71
		For Steep Roof, Over 7 To 12, Add	*8.13*	
		For >50 To 75, Deduct	*-1.92*	
		For >75 To 100, Deduct	*-4.00*	
		For >100 To 200, Deduct	*-6.55*	
		For >200, Deduct	*-9.26*	
07 34 00 00-0016	SQ	40 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield®)	103.87	12.71
		For Steep Roof, Over 7 To 12, Add	*8.13*	
		For >50 To 75, Deduct	*-3.14*	
		For >75 To 100, Deduct	*-6.13*	
		For >100 To 200, Deduct	*-9.90*	
		For >200, Deduct	*-13.53*	
07 34 00 00-0017	SQ	40 Mil, Fire Rated, High Temperature, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield® HT)	117.21	12.71
		For Steep Roof, Over 7 To 12, Add	*8.13*	
		For >50 To 75, Deduct	*-3.67*	
		For >75 To 100, Deduct	*-7.06*	
		For >100 To 200, Deduct	*-11.37*	
		For >200, Deduct	*-15.39*	
07 34 00 00-0018	SQ	30 Mil, Fire Rated, High Temperature, Fire Rated, Embossed Surface, Butyl Rubber Based Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ultra)	167.26	12.71
		For Steep Roof, Over 7 To 12, Add	*8.13*	
		For >50 To 75, Deduct	*-5.67*	
		For >75 To 100, Deduct	*-10.57*	
		For >100 To 200, Deduct	*-16.87*	
		For >200, Deduct	*-22.40*	

07 40 Roofing And Siding Panels *(07)*

Note: Includes placement of materials on roof up to 2-1/2 stories. All new roof installations include flood testing.

07 41 Roof Panels *(07 40)*

Note: Includes standard fasteners, grommets, cleats for installation.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 41 13 Metal Roof Panels *(07 41)*

07 41 13 00-0001 Exposed Fastener Metal Roofing *(07 41 13)*

Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor.

07 41 13 00-0002 Galvanized Exposed Fastener Metal Roofing *(07 41 13 00-0001)*

07 41 13 00-0003 Galvanized Steel Exposed Fastener Metal Roof Panels *(07 41 13 00-0002)*

07 41 13 00-0004	SF	18 Gauge Galvanized Exposed Fastener Metal Roof Panels	5.93	0.68
		For Fluoropolymer (Kynar) Coating, Add	*0.51*	
		For Steep Roof, Over 7 To 12, Add	*0.96*	
07 41 13 00-0005	SF	20 Gauge Galvanized Exposed Fastener Metal Roof Panels	5.41	0.68
		For Fluoropolymer (Kynar) Coating, Add	*0.51*	
		For Steep Roof, Over 7 To 12, Add	*0.96*	
07 41 13 00-0006	SF	22 Gauge Galvanized Exposed Fastener Metal Roof Panels	5.05	0.68
		For Fluoropolymer (Kynar) Coating, Add	*0.51*	
		For Steep Roof, Over 7 To 12, Add	*0.96*	
07 41 13 00-0007	SF	24 Gauge Galvanized Exposed Fastener Metal Roof Panels	4.69	0.68
		For Fluoropolymer (Kynar) Coating, Add	*0.51*	
		For Steep Roof, Over 7 To 12, Add	*0.96*	
07 41 13 00-0008	SF	26 Gauge Galvanized Exposed Fastener Metal Roof Panels	4.40	0.68
		For Fluoropolymer (Kynar) Coating, Add	*0.51*	
		For Steep Roof, Over 7 To 12, Add	*0.96*	
07 41 13 00-0009	SF	29 Gauge Galvanized Exposed Fastener Metal Roof Panels	4.14	0.68
		For Fluoropolymer (Kynar) Coating, Add	*0.51*	
		For Steep Roof, Over 7 To 12, Add	*0.96*	
07 41 13 00-0010	SF	30 Gauge Galvanized Exposed Fastener Metal Roof Panels	4.04	0.68
		For Fluoropolymer (Kynar) Coating, Add	*0.51*	
		For Steep Roof, Over 7 To 12, Add	*0.96*	

07 41 13 00-0011 Galvanized Exposed Fastener Metal Roof Accessories *(07 41 13 00-0002)*

See CSI section 07 41 13 00-0038 for accessories.

07 41 13 00-0012	LF	Ridge Flashing For Galvanized Steel Exposed Fastener Roofing	28.86	3.00
		For Steep Roof, Over 7 To 12, Add	*3.81*	
		For Fluoropolymer (Kynar) Coating, Add	*1.69*	
07 41 13 00-0013	LF	Eave Flashing For Galvanized Steel Exposed Fastener Roofing	21.96	3.00
		For Steep Roof, Over 7 To 12, Add	*3.81*	
		For Fluoropolymer (Kynar) Coating, Add	*1.00*	
07 41 13 00-0014	LF	Valley Flashing For Galvanized Steel Exposed Fastener Roofing	35.52	3.00
		For Steep Roof, Over 7 To 12, Add	*3.81*	
		For Fluoropolymer (Kynar) Coating, Add	*2.36*	
07 41 13 00-0015	LF	Hip Flashing For Galvanized Steel Exposed Fastener Roofing	29.46	3.00
		For Steep Roof, Over 7 To 12, Add	*3.81*	
		For Fluoropolymer (Kynar) Coating, Add	*1.75*	

07 41 13 00-0016 Aluminum Exposed Fastener Metal Roofing *(07 41 13 00-0001)*

07 41 13 00-0017 Aluminum Exposed Fastener Metal Roof Panels *(07 41 13 00-0016)*

07 41 13 00-0018	SF	0.0155" Aluminum Exposed Fastener Metal Roof Panels	3.89	0.68
		For Fluoropolymer (Kynar) Coating, Add	*0.51*	
		For Steep Roof, Over 7 To 12, Add	*0.96*	
07 41 13 00-0019	SF	0.018" Aluminum Exposed Fastener Metal Roof Panels	4.03	0.68
		For Fluoropolymer (Kynar) Coating, Add	*0.51*	
		For Steep Roof, Over 7 To 12, Add	*0.96*	
07 41 13 00-0020	SF	0.024" Aluminum Exposed Fastener Metal Roof Panels	4.38	0.68
		For Fluoropolymer (Kynar) Coating, Add	*0.51*	
		For Steep Roof, Over 7 To 12, Add	*0.96*	
07 41 13 00-0021	SF	0.032" Aluminum Exposed Fastener Metal Roof Panels	4.84	0.68
		For Fluoropolymer (Kynar) Coating, Add	*0.51*	
		For Steep Roof, Over 7 To 12, Add	*0.96*	
07 41 13 00-0022	SF	0.040" Aluminum Exposed Fastener Metal Roof Panels	5.30	0.68
		For Fluoropolymer (Kynar) Coating, Add	*0.51*	
		For Steep Roof, Over 7 To 12, Add	*0.96*	
07 41 13 00-0023	SF	0.050" Aluminum Exposed Fastener Metal Roof Panels	5.87	0.68
		For Fluoropolymer (Kynar) Coating, Add	*0.51*	
		For Steep Roof, Over 7 To 12, Add	*0.96*	

07 41 13 00-0024 Aluminum Exposed Fastener Metal Roof Accessories *(07 41 13 00-0016)*

07 41 13 00-0025	LF	Ridge Flashing For Aluminum Exposed Fastener Metal Roofing	28.52	3.00
		For Steep Roof, Over 7 To 12, Add	*2.40*	
		For Fluoropolymer (Kynar) Coating, Add	*2.10*	
07 41 13 00-0026	LF	Eave Flashing For Aluminum Exposed Fastener Metal Roofing	19.90	3.00
		For Steep Roof, Over 7 To 12, Add	*2.40*	
		For Fluoropolymer (Kynar) Coating, Add	*1.24*	
07 41 13 00-0027	LF	Valley Flashing For Aluminum Exposed Fastener Metal Roofing	36.84	3.00
		For Steep Roof, Over 7 To 12, Add	*2.40*	
		For Fluoropolymer (Kynar) Coating, Add	*2.93*	
07 41 13 00-0028	LF	Hip Flashing For Aluminum Exposed Fastener Metal Roofing	29.28	3.00
		For Steep Roof, Over 7 To 12, Add	*2.40*	
		For Fluoropolymer (Kynar) Coating, Add	*2.18*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0029		**Standing Seam Roofs** *(07 41 13)*		
		Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loc architectural/structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty.		
07 41 13 00-0030		**Galvanized Steel Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0029)*		
		Note: All steel is galvanized G90 rated or galvalume. Factory paint finish is Kynar 500, Hylar 5000 or equal PVCF finish.		
07 41 13 00-0031		**Galvanized Steel Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0030)*		
07 41 13 00-0032	SF	Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	11.70	1.58
		For Steep Roof, Over 6 To 12, Add	*1.19*	
		For 140 MPH Wind Load, Add	*0.55*	
		For Panels <16" Wide, Add	*1.32*	
		For Up To 1500, Add	*2.93*	
		For >1500 To 5000, Add	*1.76*	
		For >5000 To 10000, Add	*0.29*	
07 41 13 00-0033	SF	Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	12.43	1.58
		For Steep Roof, Over 6 To 12, Add	*1.19*	
		For 140 MPH Wind Load, Add	*0.57*	
		For Panels <16" Wide, Add	*1.36*	
		For Up To 1500, Add	*3.11*	
		For >1500 To 5000, Add	*1.86*	
		For >5000 To 10000, Add	*0.31*	
07 41 13 00-0034	SF	Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	11.06	1.58
		For Steep Roof, Over 6 To 12, Add	*1.19*	
		For 140 MPH Wind Load, Add	*0.54*	
		For Panels <16" Wide, Add	*1.29*	
		For Up To 1500, Add	*2.77*	
		For >1500 To 5000, Add	*1.66*	
		For >5000 To 10000, Add	*0.28*	
07 41 13 00-0035	SF	Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	11.31	1.58
		For Steep Roof, Over 6 To 12, Add	*1.19*	
		For 140 MPH Wind Load, Add	*0.54*	
		For Panels <16" Wide, Add	*1.30*	
		For Up To 1500, Add	*2.83*	
		For >1500 To 5000, Add	*1.70*	
		For >5000 To 10000, Add	*0.28*	
07 41 13 00-0036	SF	Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	11.60	1.58
		For Steep Roof, Over 6 To 12, Add	*1.19*	
		For 140 MPH Wind Load, Add	*0.55*	
		For Panels <16" Wide, Add	*1.32*	
		For Up To 1500, Add	*2.90*	
		For >1500 To 5000, Add	*1.74*	
		For >5000 To 10000, Add	*0.29*	
07 41 13 00-0037	SF	Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	12.66	1.58
		For Steep Roof, Over 6 To 12, Add	*1.19*	
		For 140 MPH Wind Load, Add	*0.57*	
		For Panels <16" Wide, Add	*1.37*	
		For Up To 1500, Add	*3.17*	
		For >1500 To 5000, Add	*1.90*	
		For >5000 To 10000, Add	*0.32*	
07 41 13 00-0038		**Accessories For Galvanized Steel Standing Seam Roofing** *(07 41 13 00-0030)*		
07 41 13 00-0039	LF	Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	30.55	4.76
		For Steep Roof, Over 6 To 12, Add	*3.58*	
		For 140 MPH Wind Load, Add	*1.56*	
07 41 13 00-0040	LF	Eave Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	22.97	4.76
		For Steep Roof, Over 6 To 12, Add	*3.58*	
		For 140 MPH Wind Load, Add	*1.41*	
07 41 13 00-0041	LF	Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	37.87	4.76
		For Steep Roof, Over 6 To 12, Add	*3.58*	
		For 140 MPH Wind Load, Add	*1.71*	
07 41 13 00-0042	LF	Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	31.22	4.76
		For Steep Roof, Over 6 To 12, Add	*3.58*	
		For 140 MPH Wind Load, Add	*1.58*	
07 41 13 00-0043		**Aluminum Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0029)*		
		Note: Factory paint finish is Kynar 500, Hylar 5000 or equal PVCF finish.		
07 41 13 00-0044		**Aluminum Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0043)*		
07 41 13 00-0045	SF	Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	12.21	1.58
		For Steep Roof, Over 6 To 12, Add	*1.19*	
		For 140 MPH Wind Load, Add	*0.56*	
		For Panels <16" Wide, Add	*1.35*	
		For Up To 1500, Add	*3.05*	
		For >1500 To 5000, Add	*1.83*	
		For >5000 To 10000, Add	*0.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0046	SF	Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	12.83	1.58
		For Steep Roof, Over 6 To 12, Add	*1.19*	
		For 140 MPH Wind Load, Add	*0.58*	
		For Panels <16" Wide, Add	*1.38*	
		For Up To 1500, Add	*3.21*	
		For >1500 To 5000, Add	*1.92*	
		For >5000 To 10000, Add	*0.32*	
07 41 13 00-0047	SF	Architectural/Structural Or Structural O.032" Aluminum Standing Seam Concealed Fastener Roofing	11.86	1.58
		For Steep Roof, Over 6 To 12, Add	*1.19*	
		For 140 MPH Wind Load, Add	*0.56*	
		For Panels <16" Wide, Add	*1.33*	
		For Up To 1500, Add	*2.97*	
		For >1500 To 5000, Add	*1.78*	
		For >5000 To 10000, Add	*0.30*	
07 41 13 00-0048	SF	Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	12.99	1.58
		For Steep Roof, Over 6 To 12, Add	*1.19*	
		For 140 MPH Wind Load, Add	*0.58*	
		For Panels <16" Wide, Add	*1.39*	
		For Up To 1500, Add	*3.25*	
		For >1500 To 5000, Add	*1.95*	
		For >5000 To 10000, Add	*0.32*	

07 41 13 00-0049 Accessories For Aluminum Standing Seam Roofing *(07 41 13 00-0043)*

07 41 13 00-0050	LF	Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing	35.04	4.76
		For Steep Roof, Over 6 To 12, Add	*3.58*	
		For 140 MPH Wind Load, Add	*1.65*	
07 41 13 00-0051	LF	Eave Flashing For Aluminum Standing Seam Concealed Fastener Roofing	25.56	4.76
		For Steep Roof, Over 6 To 12, Add	*3.58*	
		For 140 MPH Wind Load, Add	*1.46*	
07 41 13 00-0052	LF	Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing	44.19	4.76
		For Steep Roof, Over 6 To 12, Add	*3.58*	
		For 140 MPH Wind Load, Add	*1.84*	
07 41 13 00-0053	LF	Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing	35.88	4.76
		For Steep Roof, Over 6 To 12, Add	*3.58*	
		For 140 MPH Wind Load, Add	*1.67*	

07 41 13 00-0054 Copper Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*

07 41 13 00-0055 Copper Standing Seam Concealed Fastener Roofing *(07 41 13 00-0054)*

07 41 13 00-0056	SF	Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing	31.13	2.38
		For Steep Roof, Over 6 To 12, Add	*1.79*	
		For 140 MPH Wind Load, Add	*1.10*	
		For Panels <16" Wide, Add	*2.66*	
		For Up To 1500, Add	*7.78*	
		For >1500 To 5000, Add	*4.67*	
		For >5000 To 10000, Add	*0.78*	
07 41 13 00-0057	SF	Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing	37.42	2.38
		For Steep Roof, Over 6 To 12, Add	*1.79*	
		For 140 MPH Wind Load, Add	*1.23*	
		For Panels <16" Wide, Add	*2.97*	
		For Up To 1500, Add	*9.36*	
		For >1500 To 5000, Add	*5.61*	
		For >5000 To 10000, Add	*0.94*	

07 41 13 00-0058 Accessories For Copper Standing Seam Concealed Fastener Roofing *(07 41 13 00-0054)*

07 41 13 00-0059	LF	Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing	93.52	4.76
		For Steep Roof, Over 6 To 12, Add	*3.58*	
		For 140 MPH Wind Load, Add	*2.82*	
07 41 13 00-0060	LF	Eave Flashing For Copper Standing Seam Concealed Fastener Roofing	54.00	4.76
		For Steep Roof, Over 6 To 12, Add	*3.58*	
		For 140 MPH Wind Load, Add	*2.03*	
07 41 13 00-0061	LF	Valley Flashing For Copper Standing Seam Concealed Fastener Roofing	130.89	4.76
		For Steep Roof, Over 6 To 12, Add	*3.58*	
		For 140 MPH Wind Load, Add	*3.57*	
07 41 13 00-0062	LF	Hip Flashing For Copper Standing Seam Concealed Fastener Roofing	96.47	4.76
		For Steep Roof, Over 6 To 12, Add	*3.58*	
		For 140 MPH Wind Load, Add	*2.88*	

07 41 13 00-0063 Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*

07 41 13 00-0064 Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0063)*

07 41 13 00-0065	SF	Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	23.72	2.38
		For Steep Roof, Over 6 To 12, Add	*1.79*	
		For 140 MPH Wind Load, Add	*0.95*	
		For Panels <16" Wide, Add	*2.29*	
		For Up To 1500, Add	*5.93*	
		For >1500 To 5000, Add	*3.56*	
		For >5000 To 10000, Add	*0.59*	
07 41 13 00-0066	SF	Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	27.50	2.38
		For Steep Roof, Over 6 To 12, Add	*1.79*	
		For 140 MPH Wind Load, Add	*1.03*	
		For Panels <16" Wide, Add	*2.48*	
		For Up To 1500, Add	*6.88*	
		For >1500 To 5000, Add	*4.13*	
		For >5000 To 10000, Add	*0.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0067	SF	Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	31.98	2.38
		For Steep Roof, Over 6 To 12, Add	*1.79*	
		For 140 MPH Wind Load, Add	*1.12*	
		For Panels <16" Wide, Add	*2.70*	
		For Up To 1500, Add	*8.00*	
		For >1500 To 5000, Add	*4.80*	
		For >5000 To 10000, Add	*0.80*	
07 41 13 00-0068	SF	Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	37.72	2.38
		For Steep Roof, Over 6 To 12, Add	*1.79*	
		For 140 MPH Wind Load, Add	*1.23*	
		For Panels <16" Wide, Add	*2.99*	
		For Up To 1500, Add	*9.43*	
		For >1500 To 5000, Add	*5.66*	
		For >5000 To 10000, Add	*0.94*	
07 41 13 00-0069		Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0063)*		
07 41 13 00-0070	LF	Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	82.78	4.76
		For Steep Roof, Over 6 To 12, Add	*4.03*	
		For 140 MPH Wind Load, Add	*2.73*	
07 41 13 00-0071	LF	Eave Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	49.19	4.76
		For Steep Roof, Over 6 To 12, Add	*4.03*	
		For 140 MPH Wind Load, Add	*2.06*	
07 41 13 00-0072	LF	Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	114.54	4.76
		For Steep Roof, Over 6 To 12, Add	*4.03*	
		For 140 MPH Wind Load, Add	*3.36*	
07 41 13 00-0073	LF	Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	85.29	4.76
		For Steep Roof, Over 6 To 12, Add	*4.03*	
		For 140 MPH Wind Load, Add	*2.78*	
07 41 13 00-0074		Metal Roof Surfacing *(07 41 13)*		
07 41 13 00-0075	SF	Acrylic, Metal Roof Primer, Price Per Coat	0.28	
		For Steep Roof, Over 7 To 12, Add	*0.05*	
07 41 13 00-0076	SF	Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, Price Per Coat Note: 55% solids by volume.	0.40	
		For Steep Roof, Over 7 To 12, Add	*0.05*	
07 41 33		**Plastic Roof Panels** *(07 41)*		
07 41 33 00-0001		PVC Roofing Panels *(07 41 33)*		
07 41 33 00-0002		PVC Roofing Panels *(07 41 33 00-0001)*		
07 41 33 00-0003	SF	Solid PVC Roofing Panels, 8" Wide	3.63	1.40
07 41 33 00-0004	SF	Solid PVC Roofing Panels, 10" Wide	3.42	1.26
07 41 33 00-0005	SF	Solid PVC Roofing Panels, Double 8" Wide	3.73	1.40
07 41 33 00-0006	SF	Solid PVC Roofing Panels, Double 10" Wide	3.50	1.26
07 41 33 00-0007		PVC Roofing Accessories *(07 41 33 00-0001)*		
07 41 33 00-0008	LF	1" "J" Channel, Starter Strip Trim	2.34	1.04
07 41 33 00-0009	LF	3-1/2" "J" Channel, Starter Strip Trim	3.05	1.04
07 41 33 00-0010	LF	Outside Corner Post, 7/8" Pocket	3.25	1.04
07 41 33 00-0011	LF	Inside Corner Post, 7/8" Pocket	2.70	1.04
07 41 33 00-0012		Fiberglass Roofing Panel *(07 41 33)*		
07 41 33 00-0013		Corrugated Panels *(07 41 33 00-0012)*		
07 41 33 00-0014	SF	8 Ounce Corrugated Fiberglass Panel	3.96	1.12
07 41 33 00-0015	SF	12 Ounce Corrugated Fiberglass Panel	4.52	1.12
07 42		Wall Panels *(07 40)*		
07 42 13		**Metal Wall Panels** *(07 42)*		
07 42 13 19		**Insulated Metal Wall Panels** *(07 42 13)*		
07 42 13 19-0001		Insulated Panels For Sash/Window Replacement *(07 42 13 19)* Note: Porcelain or polymer finish on aluminum panel with polystyrene core.		
07 42 13 19-0002	SF	1" Insulated Panel For Sash Or Window Replacement	14.09	3.26
		For Non-Insulated Panels, Deduct	*-1.88*	
07 42 13 19-0003	SF	1-1/4" Insulated Panel For Sash Or Window Replacement	15.31	3.66
		For Non-Insulated Panels, Deduct	*-2.01*	
07 42 13 19-0004	SF	1-3/4" Insulated Panel For Sash Or Window Replacement	16.40	4.07
		For Non-Insulated Panels, Deduct	*-2.14*	
07 42 13 19-0005	SF	2-1/4" Insulated Panel For Sash Or Window Replacement	17.56	4.24
		For Non-Insulated Panels, Deduct	*-2.27*	
07 42 13 19-0006	SF	3-1/4" Insulated Panel For Sash Or Window Replacement	19.81	4.65
		For Non-Insulated Panels, Deduct	*-2.64*	
07 42 13 19-0007	SF	4-1/4" Insulated Panel For Sash Or Window Replacement	22.84	5.13
		For Non-Insulated Panels, Deduct	*-3.17*	
07 42 43		**Composite Wall Panels** *(07 42)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 42 43 00-0001		24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels *(07 42 43)* Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. Galvalume AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Metl-Span Corporation.		
07 42 43 00-0002	SF	2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	12.64	1.73
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 43 00-0003	SF	2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	14.26	1.95
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 43 00-0004	SF	3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	15.64	2.21
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 43 00-0005	SF	4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	17.59	2.93
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	

07 42 63 Fabricated Wall Panel Assemblies *(07 42)*

07 42 63 00-0001		Insulated Freezer And Chiller Panels *(07 42 63)* Note: Excludes suspension system for ceiling support.		
07 42 63 00-0002		Polyurethane Sandwich Panel *(07 42 63 00-0001)* Note: With 22 gauge galvanized sheet metal face excludes painting.		
07 42 63 00-0003	SF	2" 22 Gauge Freezer Panel Sheet Metal Both Faces	15.61	1.62
07 42 63 00-0004	SF	3" 22 Gauge Freezer Panel Sheet Metal Both Faces	16.50	1.62
07 42 63 00-0005	SF	4" 22 Gauge Freezer Panel Sheet Metal Both Faces	19.54	1.62
07 42 63 00-0006	SF	5" 22 Gauge Freezer Panel Sheet Metal Both Faces	21.12	1.71
07 42 63 00-0007	SF	6" 22 Gauge Freezer Panel Sheet Metal Both Faces	22.41	1.71
07 42 63 00-0008	SF	2" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	13.97	1.33
07 42 63 00-0009	SF	3" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	15.16	1.33
07 42 63 00-0010	SF	4" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	18.18	1.43
07 42 63 00-0011	SF	5" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	17.66	1.43
07 42 63 00-0012	SF	6" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	20.70	1.43
07 42 63 00-0013		Polyurethane Sandwich Panel *(07 42 63 00-0001)* Note: With .040 aluminum baked enamel finish.		
07 42 63 00-0014	SF	2" Freezer Panel 0.040" Aluminum Finish Both Faces	10.08	1.62
07 42 63 00-0015	SF	3" Freezer Panel 0.040" Aluminum Finish Both Faces	10.70	1.62
07 42 63 00-0016	SF	4" Freezer Panel 0.040" Aluminum Finish Both Faces	12.35	1.62
07 42 63 00-0017	SF	5" Freezer Panel 0.040" Aluminum Finish Both Faces	13.39	1.71
07 42 63 00-0018	SF	6" Freezer Panel 0.040" Aluminum Finish Both Faces	14.13	1.71
07 42 63 00-0019	SF	2" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	9.00	1.33
07 42 63 00-0020	SF	3" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	9.63	1.33
07 42 63 00-0021	SF	4" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	10.31	1.43
07 42 63 00-0022	SF	5" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	11.95	1.43
07 42 63 00-0023	SF	6" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	12.97	1.43

07 46 Siding *(07 40)*

07 46 16 Aluminum Siding *(07 46)*

Note: Includes all necessary furring strips, trim for corners, windows and doors.

07 46 16 00-0001		Aluminum Coil Stock Cladding *(07 46 16)* Note: Per SF of board, includes overlappage.		
07 46 16 00-0002	SF	Aluminum Cladding, 0.016" Thick	6.57	2.58
07 46 16 00-0003	SF	Aluminum Cladding, 0.019" Thick	6.61	2.58
07 46 16 00-0004	SF	Aluminum Cladding, 0.024" Thick	6.68	2.58
07 46 16 00-0005		Aluminum Siding Panels For Structural Steel Framing *(07 46 16)* Note: Includes fasteners.		
07 46 16 00-0006		Corrugated *(07 46 16 00-0005)*		
07 46 16 00-0007	SF	0.019" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners	3.85	1.50
07 46 16 00-0008	SF	0.021" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners	3.97	1.50
07 46 16 00-0009	SF	0.024" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners	4.25	1.50
07 46 16 00-0010	SF	0.032" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners	4.73	1.50
07 46 16 00-0011	SF	0.019" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners	4.08	1.50
07 46 16 00-0012	SF	0.021" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners	4.19	1.50
07 46 16 00-0013	SF	0.024" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners	4.51	1.50
07 46 16 00-0014	SF	0.032" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners	5.14	1.50
07 46 16 00-0015		V- Beam *(07 46 16 00-0005)*		
07 46 16 00-0016	SF	0.032" Aluminum V-Beam Siding Panel, Mill Finish, Including Fasteners	4.75	1.50
07 46 16 00-0017	SF	0.040" Aluminum V-Beam Siding Panel, Mill Finish, Including Fasteners	5.00	1.50
07 46 16 00-0018	SF	0.050" Aluminum V-Beam Siding Panel, Mill Finish, Including Fasteners	5.32	1.50
07 46 16 00-0019	SF	0.032" Aluminum V-Beam Siding Panel, Painted Finish, Including Fasteners	5.11	1.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 16 00-0020	SF	0.040" Aluminum V-Beam Siding Panel, Painted Finish, Including Fasteners	5.54	1.50
07 46 16 00-0021	SF	0.050" Aluminum V-Beam Siding Panel, Painted Finish, Including Fasteners	6.54	1.50
07 46 16 00-0022		**Rib** *(07 46 16 00-0005)*		
07 46 16 00-0023	SF	0.032" Aluminum Siding Panel With 4" Rib, Mill Finish, Including Fasteners	5.07	1.50
07 46 16 00-0024	SF	0.040" Aluminum Siding Panel With 4" Rib, Mill Finish, Including Fasteners	5.32	1.50
07 46 16 00-0025	SF	0.050" Aluminum Siding Panel With 4" Rib, Mill Finish, Including Fasteners	5.65	1.50
07 46 16 00-0026	SF	0.032" Aluminum Siding Panel With 4" Rib, Painted Finish, Including Fasteners	5.30	1.50
07 46 16 00-0027	SF	0.040" Aluminum Siding Panel With 4" Rib, Painted Finish, Including Fasteners	5.71	1.50
07 46 16 00-0028	SF	0.050" Aluminum Siding Panel With 4" Rib, Painted Finish, Including Fasteners	5.96	1.50
07 46 16 00-0029		**Aluminum Soffit And Fascia** *(07 46 16)*		
		Note: Excludes J-channel.		
07 46 16 00-0030	LF	6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	3.02	1.14
		For 0.015" Thick, Deduct	*-0.05*	
07 46 16 00-0031	LF	10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	3.62	1.20
		For 0.015" Thick, Deduct	*-0.07*	
07 46 16 00-0032	LF	1' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	3.92	1.23
		For 0.015" Thick, Deduct	*-0.09*	
07 46 16 00-0033	LF	1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	4.77	1.30
		For 0.015" Thick, Deduct	*-0.14*	
07 46 16 00-0034	LF	2' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	5.75	1.42
		For 0.015" Thick, Deduct	*-0.21*	
07 46 16 00-0035	LF	3' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	7.48	1.57
		For 0.015" Thick, Deduct	*-0.30*	
07 46 16 00-0036	LF	4' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	9.24	1.73
		For 0.015" Thick, Deduct	*-0.42*	
07 46 16 00-0037	LF	5' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	11.04	1.90
		For 0.015" Thick, Deduct	*-0.51*	
07 46 16 00-0038	LF	4" Exposure, 0.024" Thick, Aluminum Fascia	3.41	1.12
07 46 16 00-0039	LF	6" Exposure, 0.024" Thick, Aluminum Fascia	3.70	1.14
07 46 16 00-0040	LF	8" Exposure, 0.024" Thick, Aluminum Fascia	4.25	1.18
07 46 16 00-0041	LF	10" Exposure, 0.024" Thick, Aluminum Fascia	4.84	1.20
07 46 16 00-0042		**Aluminum Siding Accessories** *(07 46 16)*		
07 46 16 00-0043	LF	3/8" Pocket, Aluminum J-Channel	2.39	1.07
07 46 16 00-0044	LF	1/2" Pocket, Aluminum J-Channel	2.39	1.07
07 46 16 00-0045	LF	3/4" Pocket, Aluminum J-Channel	2.72	1.07
07 46 16 00-0046	LF	3/8" Pocket, Aluminum F-Channel	2.46	1.07
07 46 16 00-0047	LF	1/2" Pocket, Aluminum F-Channel	2.46	1.07
07 46 19		**Steel Siding** *(07 46)*		
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 19 00-0001		**Steel Siding Panels For Structural Steel Framing** *(07 46 19)*		
		Note: Included fasteners.		
07 46 19 00-0002		**Corrugated, Painted** *(07 46 19 00-0001)*		
		Note: Factory applied.		
07 46 19 00-0003	SF	20 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted	6.58	1.50
		For Galvanized Instead Of Painted Steel, Add	*0.90*	
07 46 19 00-0004	SF	22 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted	6.10	1.50
		For Galvanized Instead Of Painted Steel, Add	*0.78*	
07 46 19 00-0005	SF	24 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted	5.98	1.50
		For Galvanized Instead Of Painted Steel, Add	*0.75*	
07 46 19 00-0006	SF	26 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted	4.58	1.50
		For Galvanized Instead Of Painted Steel, Add	*0.40*	
07 46 19 00-0007	SF	28 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted	4.48	1.50
		For Galvanized Instead Of Painted Steel, Add	*0.37*	
07 46 19 00-0008	SF	30 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted	4.41	1.50
		For Galvanized Instead Of Painted Steel, Add	*0.35*	
07 46 19 00-0009		**Box Rib, Painted** *(07 46 19 00-0001)*		
		Note: Factory applied.		
07 46 19 00-0010	SF	20 Gauge Box Rib Steel Siding Panel, Painted With Fasteners	6.22	1.50
		For Galvanized Instead Of Painted Steel, Add	*0.81*	
07 46 19 00-0011	SF	22 Gauge Box Rib Steel Siding Panel, Painted With Fasteners	6.01	1.50
		For Galvanized Instead Of Painted Steel, Add	*0.75*	
07 46 19 00-0012	SF	24 Gauge Box Rib Steel Siding Panel, Painted With Fasteners	5.87	1.50
		For Galvanized Instead Of Painted Steel, Add	*0.72*	
07 46 19 00-0013	SF	26 Gauge Box Rib Steel Siding Panel, Painted With Fasteners	5.63	1.50
		For Galvanized Instead Of Painted Steel, Add	*0.66*	
07 46 19 00-0014	SF	28 Gauge Box Rib Steel Siding Panel, Painted With Fasteners	5.12	1.50
		For Galvanized Instead Of Painted Steel, Add	*0.53*	
07 46 19 00-0015		**Steel Siding For Wood Frame** *(07 46 19)*		
		Note: Horizontal clapboard, double 5" profiler, 1/2" deep butt, wood grain pattern. Includes fasteners, trim and all accessories.		
07 46 19 00-0016	SF	Horizontal Clapboard	5.03	0.75

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 23		**Wood Siding** *(07 46)*		
		Note: Includes all necessary furring strips, trim for corners, windows and doors.		
07 46 23 00-0001		Wood Lap Siding *(07 46 23)*		
07 46 23 00-0002	LF	8" Wide Rough Sawn Cedar Lap Siding	3.11	1.14
07 46 23 00-0003	LF	10" Wide Rough Sawn Cedar Lap Siding	3.54	1.22
07 46 23 00-0004	LF	12" Wide Rough Sawn Cedar Lap Siding	4.00	1.31
07 46 23 00-0005	LF	6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade	3.35	1.14
07 46 23 00-0006	LF	6" To 8" Wide Spruce Lap Siding, #2 Or Better	3.75	1.14
07 46 23 00-0007	LF	6" To 8" Wide Western Red Cedar, B Grade Lap Siding	4.63	1.14
07 46 23 00-0008	LF	6" To 8" Wide Western Red Cedar, A Grade Lap Siding	4.97	1.14
07 46 23 00-0009	LF	6" To 8" Wide Clear Heart Redwood Lap Siding	4.49	1.14
07 46 23 00-0010	LF	1" x 8" Cedar Round Or Flat Front Siding, Log Cabin	3.10	1.22
07 46 23 00-0011	LF	1" x 8" Cedar Beveled Siding, Channel, Rustic	3.10	1.22
07 46 23 00-0012		Tongue And Groove Siding *(07 46 23)*		
07 46 23 00-0013	SF	1" x 6" Tongue And Groove Southern Yellow Pine Siding	3.12	1.14
07 46 23 00-0014	SF	1" x 8" Tongue And Groove Southern Yellow Pine Siding	3.48	1.14
07 46 23 00-0015	SF	1" x 6" 105 Southern Yellow Pine Siding	3.20	1.14
07 46 23 00-0016	SF	1" x 8" 105 Southern Yellow Pine Siding	3.56	1.14
07 46 29		**Plywood Siding** *(07 46)*		
		Note: Includes all necessary furring strips, trim for corners, windows and doors.		
07 46 29 00-0001		T-111 Siding *(07 46 29)*		
07 46 29 00-0002	SF	5/8" T-111 Fir, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud	2.65	0.58
		For Pressure Treated, Add	*0.18*	
07 46 29 00-0003	SF	5/8" T-111 Cedar, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud	2.60	0.58
		For Pressure Treated, Add	*0.18*	
07 46 33		**Plastic Siding** *(07 46)*		
		Note: Includes all necessary furring strips, trim for corners, windows and doors.		
07 46 33 00-0001		Vinyl Siding *(07 46 33)*		
		Note: Includes standard manufacturer's colors.		
07 46 33 00-0002		Vinyl Siding Panels *(07 46 33 00-0001)*		
		Note: Excludes J-channels, starter strips and trim.		
07 46 33 00-0003		Horizontal Vinyl Siding Panels *(07 46 33 00-0002)*		
		Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles.		
07 46 33 00-0004	SF	7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	3.64	1.40
		For 0.040" Thick, Deduct	*-0.12*	
		For 0.042" Thick, Deduct	*-0.04*	
		For 0.046" Thick, Add	*0.20*	
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0005	SF	8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	3.48	1.31
		For 0.040" Thick, Deduct	*-0.12*	
		For 0.042" Thick, Deduct	*-0.04*	
		For 0.046" Thick, Add	*0.20*	
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0006	SF	9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	3.36	1.25
		For 0.040" Thick, Deduct	*-0.12*	
		For 0.042" Thick, Deduct	*-0.04*	
		For 0.046" Thick, Add	*0.20*	
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0007	SF	10" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	3.24	1.19
		For 0.040" Thick, Deduct	*-0.12*	
		For 0.042" Thick, Deduct	*-0.04*	
		For 0.046" Thick, Add	*0.20*	
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0008	SF	12" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	3.06	1.11
		For 0.040" Thick, Deduct	*-0.12*	
		For 0.042" Thick, Deduct	*-0.04*	
		For 0.046" Thick, Add	*0.20*	
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0009		Vertical Vinyl Siding Panels *(07 46 33 00-0002)*		
07 46 33 00-0010	SF	7" Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel	4.30	1.40
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0011		Vinyl Siding Accessories *(07 46 33 00-0001)*		
07 46 33 00-0012	LF	3/4" Pocket, Outside Corner Post For Vinyl Siding	3.82	1.07
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0013	LF	1-1/8" Pocket, Outside Corner Post For Vinyl Siding	6.69	1.07
		For Manufacturer's Custom Colors, Add	*0.23*	
07 46 33 00-0014	LF	3/4" Pocket, Inside Corner Post For Vinyl Siding	3.31	1.07
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0015	LF	1-1/8" Pocket, Inside Corner Post For Vinyl Siding	3.85	1.07
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0016	LF	3/8" Pocket, J-Channel For Vinyl Siding	2.44	1.07
		For Manufacturer's Custom Colors, Add	*0.02*	
07 46 33 00-0017	LF	1/2" Pocket, J-Channel For Vinyl Siding	2.40	1.07
		For Manufacturer's Custom Colors, Add	*0.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0018	LF	5/8" Pocket, J-Channel For Vinyl Siding	2.40	1.07
		For Manufacturer's Custom Colors, Add	*0.02*	
07 46 33 00-0019	LF	3/4" Pocket, J-Channel For Vinyl Siding	2.44	1.07
		For Manufacturer's Custom Colors, Add	*0.02*	
07 46 33 00-0020	LF	1" Pocket, J-Channel For Vinyl Siding	2.66	1.07
		For Manufacturer's Custom Colors, Add	*0.03*	
07 46 33 00-0021	LF	1-1/4" Pocket, J-Channel For Vinyl Siding	2.67	1.07
		For Manufacturer's Custom Colors, Add	*0.03*	
07 46 33 00-0022	LF	2-1/2" Pocket, J-Channel For Vinyl Siding	4.48	1.07
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0023	LF	1/2" Pocket, F-Channel For Vinyl Siding	2.11	1.07
		For Manufacturer's Custom Colors, Add	*0.02*	
07 46 33 00-0024	LF	3/4" Pocket, 3-3/4" Lineals For Vinyl Siding	5.00	1.48
		For Manufacturer's Custom Colors, Add	*0.10*	
07 46 33 00-0025	LF	3/4" Pocket, 5" Lineals For Vinyl Siding	5.08	1.48
		For Manufacturer's Custom Colors, Add	*0.11*	
07 46 33 00-0026	LF	1-1/8" Pocket, 3-1/2" Lineals For Vinyl Siding	4.99	1.48
		For Manufacturer's Custom Colors, Add	*0.10*	
07 46 33 00-0027	LF	3/8" Pocket, 1-7/8" H-Mold For Vinyl Siding	3.97	1.07
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0028	LF	Vinyl Starter Strip For Vinyl Siding	3.55	1.07
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0029	LF	Undersill Trim For Vinyl Siding	2.62	1.07
		For Manufacturer's Custom Colors, Add	*0.02*	
07 46 33 00-0030		**Vinyl Soffit And Fascia** *(07 46 33 00-0001)*		
		Note: Excludes J-channel.		
07 46 33 00-0031	LF	6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	2.85	1.14
		For 0.038" Thick, Deduct	*-0.17*	
		For 0.040" Thick, Deduct	*-0.07*	
		For 0.046" Thick, Add	*0.12*	
		For Manufacturer's Custom Colors, Add	*0.03*	
07 46 33 00-0032	LF	10" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	3.35	1.20
		For 0.038" Thick, Deduct	*-0.29*	
		For 0.040" Thick, Deduct	*-0.14*	
		For 0.046" Thick, Add	*0.21*	
		For Manufacturer's Custom Colors, Add	*0.05*	
07 46 33 00-0033	LF	1' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	3.60	1.23
		For 0.038" Thick, Deduct	*-0.33*	
		For 0.040" Thick, Deduct	*-0.17*	
		For 0.046" Thick, Add	*0.25*	
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0034	LF	1'-6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	4.28	1.30
		For 0.038" Thick, Deduct	*-0.52*	
		For 0.040" Thick, Deduct	*-0.24*	
		For 0.046" Thick, Add	*0.37*	
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0035	LF	2' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	5.11	1.42
		For 0.038" Thick, Deduct	*-0.68*	
		For 0.040" Thick, Deduct	*-0.34*	
		For 0.046" Thick, Add	*0.50*	
		For Manufacturer's Custom Colors, Add	*0.11*	
07 46 33 00-0036	LF	3' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	6.51	1.57
		For 0.038" Thick, Deduct	*-1.03*	
		For 0.040" Thick, Deduct	*-0.51*	
		For 0.046" Thick, Add	*0.75*	
		For Manufacturer's Custom Colors, Add	*0.17*	
07 46 33 00-0037	LF	4' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	7.95	1.73
		For 0.038" Thick, Deduct	*-1.38*	
		For 0.040" Thick, Deduct	*-0.67*	
		For 0.046" Thick, Add	*1.00*	
		For Manufacturer's Custom Colors, Add	*0.23*	
07 46 33 00-0038	LF	5' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	9.43	1.90
		For 0.038" Thick, Deduct	*-1.73*	
		For 0.040" Thick, Deduct	*-0.84*	
		For 0.046" Thick, Add	*1.24*	
		For Manufacturer's Custom Colors, Add	*0.28*	
07 46 33 00-0039	LF	4" Exposure, Vinyl Fascia	3.02	1.12
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0040	LF	6" Exposure, Vinyl Fascia	3.31	1.14
		For Manufacturer's Custom Colors, Add	*0.05*	
07 46 33 00-0041	LF	8" Exposure, Vinyl Fascia	3.47	1.18
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0042	LF	10" Exposure, Vinyl Fascia	3.70	1.20
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0043		**Fiberglass Siding** *(07 46 33)*		
07 46 33 00-0044		**Corrugated Panels** *(07 46 33 00-0043)*		
07 46 33 00-0045	SF	6 Ounce Corrugated Fiberglass Panels	4.44	1.64
07 46 33 00-0046	SF	8 Ounce Corrugated Fiberglass Panels	4.67	1.48
07 46 33 00-0047	SF	12 Ounce Corrugated Fiberglass Panels	5.10	1.48
07 46 33 00-0048		**Flat Panels** *(07 46 33 00-0043)*		
07 46 33 00-0049	SF	6 Ounce Flat Fiberglass Panels	4.29	1.48
07 46 33 00-0050	SF	8 Ounce Flat Fiberglass Panels	4.67	1.48

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 46		**Fiber-Cement Siding** *(07 46)*		
		Note: Smooth or patterns. Includes sealer and primer.		
07 46 46 00-0001		5/16" Thick, Fiber Cement Lap Siding *(07 46 46)*		
07 46 46 00-0002	SF	5-1/4" Board with 4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	4.76	1.73
07 46 46 00-0003	SF	6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding	4.53	1.64
07 46 46 00-0004	SF	7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding	4.43	1.60
07 46 46 00-0005	SF	8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding	4.33	1.56
07 46 46 00-0006	SF	9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding	4.12	1.48
07 46 46 00-0007	SF	12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	3.93	1.40
07 46 46 00-0008	LF	Starter Strip, Fiber Cement Lap Siding	1.04	0.41
07 46 46 00-0009		Fiber Cement Shingle Siding *(07 46 46)*		
07 46 46 00-0010	SF	Fiber Cement Shingle Siding	7.03	1.52
07 46 46 00-0011		Fiber Cement Vertical Panel Siding *(07 46 46)*		
07 46 46 00-0012	SF	Fiber Cement Vertical Panel Siding	3.49	1.23
07 46 46 00-0013		Fiber Cement Trim Boards *(07 46 46)*		
07 46 46 00-0014		7/16" Thick, Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0015	LF	4" Wide, 7/16" Thick, Fiber Cement Trim Board	2.27	0.82
07 46 46 00-0016	LF	6" Wide, 7/16" Thick, Fiber Cement Trim Board	2.87	0.90
07 46 46 00-0017	LF	8" Wide, 7/16" Thick, Fiber Cement Trim Board	3.42	0.98
07 46 46 00-0018	LF	12" Wide, 7/16" Thick, Fiber Cement Trim Board	4.47	1.15
07 46 46 00-0019		3/4" Thick Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0020	LF	4" Wide, 3/4" Thick, Fiber Cement Trim Board	2.38	0.82
07 46 46 00-0021	LF	6" Wide, 3/4" Thick, Fiber Cement Trim Board	3.03	0.90
07 46 46 00-0022	LF	8" Wide, 3/4" Thick, Fiber Cement Trim Board	3.69	0.98
07 46 46 00-0023	LF	12" Wide, 3/4" Thick, Fiber Cement Trim Board	3.89	1.15
07 46 46 00-0024		1" Thick Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0025	LF	4" Wide, 1" Thick, Fiber Cement Trim Board	2.51	0.82
07 46 46 00-0026	LF	6" Wide, 1" Thick, Fiber Cement Trim Board	3.26	0.90
07 46 46 00-0027	LF	8" Wide, 1" Thick, Fiber Cement Trim Board	4.03	0.98
07 46 46 00-0028	LF	12" Wide, 1" Thick, Fiber Cement Trim Board	5.34	1.15
07 46 46 00-0029		Fiber Cement Fascia Board *(07 46 46)*		
07 46 46 00-0030	LF	5/4" x 3-1/2" Fiber Cement Fascia Board	4.35	1.63
07 46 46 00-0031	LF	5/4" x 5-1/2" Fiber Cement Fascia Board	5.36	1.81
07 46 46 00-0032	LF	5/4" x 7-1/4" Fiber Cement Fascia Board	5.91	1.81
07 46 46 00-0033	LF	5/4" x 11-1/4" Fiber Cement Fascia Board	7.73	2.12
07 46 46 00-0034		Fiber Cement Soffit Boards *(07 46 46)*		
07 46 46 00-0035	SF	1/4" Thick, Non Vented Fiber Cement Soffit	4.28	1.18
07 46 46 00-0036	SF	1/4" Thick, Vented Fiber Cement Soffit	4.53	1.18
07 46 63		**Fabricated Panel Assemblies With Siding** *(07 46)*		
07 46 63 00-0001		Metal Liner Panels *(07 46 63)*		
07 46 63 00-0002		Galvanized Metal Liner Panels *(07 46 63 00-0001)*		
07 46 63 00-0003	SF	24 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	5.72	1.25
07 46 63 00-0004	SF	22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	6.22	1.25
07 46 63 00-0005	SF	20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	7.11	1.25
07 46 63 00-0006	SF	18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	7.21	1.25

07 50 Membrane Roofing *(07)*

Note: Includes placement of materials on roof up to 2-1/2 stories. See CSI section 07 22 16 00-0000 for insulation, 07 60 00 00-0000 for additional flashing, sheet metal and trim, 07 70 00 00-0000 for additional roof accessories.

07 51 Built-Up Bituminous Roofing *(07 50)*

07 51 13 Built-Up Asphalt Roofing *(07 51)*

07 51 13 00-0001 Built-Up Asphalt Roofing Components *(07 51 13)*

07 51 13 00-0002 Built-Up Asphalt Membrane Roofing *(07 51 13 00-0001)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0065 for built-up roofong demolition.

07 51 13 00-0003 Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*

Note: Includes applying cold adhesive and embedding the membrane.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0004		Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0003)*		
07 51 13 00-0005	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied	55.51	
		For Up To 10, Add	*10.04*	
		For >10 To 25, Add	*7.62*	
07 51 13 00-0006	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied	111.82	
		For Up To 10, Add	*12.86*	
		For >10 To 25, Add	*10.44*	
07 51 13 00-0007		Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0003)*		
07 51 13 00-0008	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied	3.31	
07 51 13 00-0009		Hot-Mopped, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*		
		Note: Includes mopping hot asphalt and embedding the membrane.		
07 51 13 00-0010		Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0009)*		
07 51 13 00-0011	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	41.06	
		For Up To 10, Add	*9.32*	
		For >10 To 25, Add	*6.90*	
07 51 13 00-0012	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	45.49	
		For Up To 10, Add	*9.54*	
		For >10 To 25, Add	*7.12*	
07 51 13 00-0013	SQ	Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped	46.10	
		For Up To 10, Add	*9.57*	
		For >10 To 25, Add	*7.15*	
07 51 13 00-0014	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped	85.51	
		For Up To 10, Add	*11.54*	
		For >10 To 25, Add	*9.12*	
07 51 13 00-0015	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped	97.37	
		For Up To 10, Add	*12.13*	
		For >10 To 25, Add	*9.71*	
07 51 13 00-0016	SQ	Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped	83.96	
		For Up To 10, Add	*12.15*	
		For >10 To 25, Add	*9.50*	
07 51 13 00-0017		Hot-Mopped, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0009)*		
07 51 13 00-0018	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped	2.21	
07 51 13 00-0019		Mechanically Fastened, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*		
		Note: Includes fasteners.		
07 51 13 00-0020		Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0019)*		
07 51 13 00-0021	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened	40.89	
		For Up To 10, Add	*5.67*	
		For >10 To 25, Add	*4.46*	
07 51 13 00-0022	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened	80.92	
		For Up To 10, Add	*7.68*	
		For >10 To 25, Add	*6.47*	
07 51 13 00-0023	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened	92.77	
		For Up To 10, Add	*8.27*	
		For >10 To 25, Add	*7.06*	
07 51 13 00-0024		Mechanically Fastened, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0019)*		
07 51 13 00-0025	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened	2.62	
07 51 13 00-0026		Asphalt Saturated Organic Felt *(07 51 13 00-0001)*		
07 51 13 00-0027		Cold Adhesive Applied, Asphalt Saturated Organic Felt *(07 51 13 00-0026)*		
		Note: Includes applying cold adhesive and embedding the felt.		
07 51 13 00-0028	SQ	15#, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	54.14	
		For Up To 10, Add	*9.97*	
		For >10 To 25, Add	*7.55*	
07 51 13 00-0029	SQ	30#, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	59.30	
		For Up To 10, Add	*10.23*	
		For >10 To 25, Add	*7.81*	
07 51 13 00-0030		Hot-Mopped, Asphalt Saturated Organic Felt *(07 51 13 00-0026)*		
		Note: Includes mopping hot asphalt and embedding the felt.		
07 51 13 00-0031	SQ	15#, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	39.69	
		For Up To 10, Add	*9.25*	
		For >10 To 25, Add	*6.83*	
07 51 13 00-0032	SQ	30#, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	44.84	
		For Up To 10, Add	*9.51*	
		For >10 To 25, Add	*7.09*	
07 51 13 00-0033		Mechanically Fastened, Asphalt Saturated Organic Felt *(07 51 13 00-0026)*		
		Note: Includes fasteners.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0034	SQ	15#, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	20.18	
		For Up To 10, Add	*4.64*	
		For >10 To 25, Add	*3.43*	
07 51 13 00-0035	SQ	30#, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	25.34	
		For Up To 10, Add	*4.90*	
		For >10 To 25, Add	*3.69*	

07 51 13 00-0036 Surfacing *(07 51 13 00-0001)*

07 51 13 00-0037	SQ	400 LB/SQ Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat	92.34	
		For Up To 10, Add	*22.78*	
		For >10 To 25, Add	*16.73*	
07 51 13 00-0038	SQ	400 LB/SQ Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat	109.70	
		For Up To 10, Add	*23.65*	
		For >10 To 25, Add	*17.59*	
07 51 13 00-0039	CY	Gravel Roofing Ballast, Spread To Desired Thickness Note: Excludes hot asphalt or cold adhesive.	109.25	
07 51 13 00-0040	SQ	Protective Polypropylene Fabric Mat, Loose Laid Note: Installed as a separator mat (under membrane), a crushed stone mat (above membrane) or as a stone separator mat in ballasted systems.	27.52	
		For Up To 10, Add	*3.77*	
		For >10 To 25, Add	*2.97*	
07 51 13 00-0041	SQ	Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs.	42.96	
		For Up To 10, Add	*6.51*	
		For >10 To 25, Add	*5.05*	
07 51 13 00-0042	SQ	Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs.	50.48	
		For Up To 10, Add	*6.88*	
		For >10 To 25, Add	*5.43*	
07 51 13 00-0043	SQ	Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat Note: Reflective coating for use over smooth-surfaced built-up roofs.	51.70	
		For Up To 10, Add	*6.94*	
		For >10 To 25, Add	*5.49*	
07 51 13 00-0044	SQ	100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.	61.32	
		For Up To 10, Add	*7.43*	
		For >10 To 25, Add	*5.97*	
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	*16.87*	
07 51 13 00-0045	SQ	100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat Note: Bleed blocking coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.	64.20	
		For Up To 10, Add	*7.57*	
		For >10 To 25, Add	*6.12*	
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	*17.82*	

07 51 13 00-0046 Walkway Boards *(07 51 13 00-0001)*

Note: Set in hot asphalt or cold adhesive.

07 51 13 00-0047	LF	5/16" Thick, 32" Wide, Skid Resistant Walkway Board	12.99
07 51 13 00-0048	LF	1/2" Thick, 32" Wide, Skid Resistant Walkway Board	13.81

07 51 13 00-0049 Cant And Tapered Edge Strips *(07 51 13 00-0001)*

07 51 13 00-0050	LF	2" x 2" Perlite Cant Strip	2.53
07 51 13 00-0051	LF	3" x 3" Perlite Cant Strip	2.59
07 51 13 00-0052	LF	4" x 4" Perlite Cant Strip	2.89
07 51 13 00-0053	LF	3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally	2.64
07 51 13 00-0054	LF	4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally	2.74
07 51 13 00-0055	LF	1/2" x 6" Perlite Tapered Edge Strip	2.83
07 51 13 00-0056	LF	1/2" x 12" Perlite Tapered Edge Strip	3.18
07 51 13 00-0057	LF	1" x 12" Perlite Tapered Edge Strip	3.27
07 51 13 00-0058	LF	1" x 24" Perlite Tapered Edge Strip	3.63
07 51 13 00-0059	LF	1-1/2" x 12" Perlite Tapered Edge Strip	3.60
07 51 13 00-0060	LF	1-1/2" x 18" Perlite Tapered Edge Strip	4.25
07 51 13 00-0061	LF	1-1/2" x 24" Perlite Tapered Edge Strip	4.72

07 51 13 00-0062 Concrete Primer *(07 51 13 00-0001)*

07 51 13 00-0063	SQ	Concrete Primer	18.24
07 51 13 00-0064	SQ	Cut-Back Asphalt, Concrete Primer	22.10

07 51 13 00-0065 Built-Up Roofing Demolition *(07 51 13 00-0001)*

Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.). See CSI section 01 74 19 00-0000 for chutes, dumpsters and hauling.

07 51 13 00-0066	SQ	Gravel/Slag Surfaced, Built Up Roofing System Demolition		256.35
		For Up To 10, Add		*63.57*
		For >10 To 25, Add		*38.14*
07 51 13 00-0067	SQ	Cap Sheet Surfaced, Built Up Roofing System Demolition Note: Includes protective surfacing.		197.76
		For Up To 10, Add		*49.04*
		For >10 To 25, Add		*29.43*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0068		**Roofing System Warranty** *(07 51 13 00-0001)* Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor.		
07 51 13 00-0069	EA	Up To 70 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	350.00	
07 51 13 00-0070	SQ	>70 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	5.00	
07 51 13 00-0071	EA	Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	400.00	
07 51 13 00-0072	SQ	>50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	8.00	
07 51 13 00-0073	EA	Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	550.00	
07 51 13 00-0074	SQ	>50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	11.00	
07 51 13 00-0075		**Built-Up Roofing Components (Tremco)** *(07 51 13)* Note: All tasks presented as a single layer. Adhesives are priced separately.		
07 51 13 00-0076		**Cold Applied BUR Base Plies And Ply Sheets** *(07 51 13 00-0075)*		
07 51 13 00-0077	SQ	BURmastic Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced ply sheet. Type II. 55 mils. Also used as a hot or cold applied base sheet.	82.79	
07 51 13 00-0078	SQ	BURmastic Premium Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 57 mil. Also used as a hot or cold applied base sheet.	99.68	
07 51 13 00-0079	SQ	BURmastic Supreme Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 51 mil. Also used as a hot or cold applied base sheet.	114.49	
07 51 13 00-0080	SQ	BURmastic Modified Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet modified with SBS rubber. Type II. Also used as a hot or cold applied base sheet.	88.63	
07 51 13 00-0081	SQ	BURmastic Modified Premium Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet modified with SBS rubber. Type II. Also used as a hot or cold applied base sheet.	99.68	
07 51 13 00-0082	SQ	BURmastic Modified Supreme Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced ply sheet modified with SBS rubber. Type II. Also used as a hot or cold applied base sheet.	114.49	
07 51 13 00-0083	SQ	28 LB BURmastic Glass Ply, Cold Applied BUR Component Note: Asphalt coated fiberglass base or ply sheet. Type II.	25.48	
07 51 13 00-0084	SQ	33 LB BURmastic Glass Ply, Cold Applied BUR Component Note: Asphalt coated fiberglass base or ply sheet. Type II.	36.69	
07 51 13 00-0085	SQ	BURmastic 300 Ply, Cold Applied BUR Component Note: SBS/SEBS modified polyester reinforced ply sheet. 50 mil. Also used as a hot or cold applied base sheet.	78.75	
07 51 13 00-0086	SQ	POWERply Modified HE Base Sheet, Hot Or Cold Applied BUR Component Note: Smooth surfaced, high elongation polyester reinforced modified bitumen base sheet. Type I, Grade S. 94 mil.	151.63	
07 51 13 00-0087	SQ	POWERply Modified HT Base Sheet, Hot Applied BUR Component Note: High tensile, smooth surfaced, trilaminate non woven fiberglass/scrim fiberglass/polyester reinforced modified bitumen ply sheet. 60 mil.	81.92	
07 51 13 00-0088	SQ	POWERply Modified Heavy Duty Base Sheet, Hot Applied BUR Component Note: A smooth surfaced, non woven fiberglass/scrim fiberglass bilaminate reinforced modified bitumen membrane. 120 mil.	141.05	
07 51 13 00-0089		**Hot Applied BUR Base Plies And Ply Sheets** *(07 51 13 00-0075)*		
07 51 13 00-0090	SQ	POWERply IV Sheet, Hot Applied BUR Component Note: Fiberglass ply sheet. Type IV.	21.43	
07 51 13 00-0091	SQ	POWERply VI Sheet, Hot Applied BUR Component Note: Fiberglass ply sheet. Type VI.	28.53	
07 51 13 00-0092		**Hot Or Cold Applied Modified Bitumen Cap Membrane** *(07 51 13 00-0075)*		
07 51 13 00-0093	SQ	POWERply Standard Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Fiberglass reinforced modified bitumen membrane. Type I, Grade S. 80 mils. Also used as a hot or cold applied ply.	86.32	
07 51 13 00-0094	SQ	POWERply Premium Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 90 mils. Also used as a hot or cold applied ply.	228.82	
07 51 13 00-0095	SQ	POWERply Supreme Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 98 mils. Also used as a hot or cold applied ply.	377.86	
07 51 13 00-0096	SQ	POWERply Standard Cap Membrane, Hot Or Cold Applied BUR Component Note: Granule surface, fiberglass reinforced modified bitumen cap sheet membrane. 120 mils. Black or white surface.	101.06	
07 51 13 00-0097	SQ	POWERply Standard FR Cap Membrane, Hot Or Cold Applied BUR Component Note: Fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane. Type I, Grade G. 120 mils.	154.35	
07 51 13 00-0098	SQ	POWERply Premium FR Cap Membrane, Hot Or Cold Applied BUR Component Note: Fire rated, granule surfaced, polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 160 mils. Black or white surface.	351.32	
07 51 13 00-0099	SQ	POWERply Supreme HT FR Cap Membrane, Hot Or Cold Applied BUR Component Note: High tensile, fire resistant, granule surfaced bilaminate polyester/glass reinforced modified bitumen membrane. Type III, Grade G. 155 mils. Black or white surface.	469.58	
07 51 13 00-0100	SQ	POWERply Standard FR T24 Cap Membrane, Hot Or Cold Applied BUR Component Note: Highly reflective, fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane meeting California's Title 24 requirements. Type I, Grade G. 120 mils.	295.51	
07 51 13 00-0101	SQ	POWERply Premium FR T24 Cap Membrane, Hot Or Cold Applied BUR Component Note: Highly reflective, fire rated, granule surfaced, polyester/glass bilaminate reinforced modified bitumen membrane meeting California's Title 24 requirements. Type III, Grade G. 153 mils.	480.38	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0102	SQ	POWERply Supreme FR T24 Cap Membrane, Hot Or Cold Applied BUR Component Note: Highly reflective, fire rated, granule surfaced, polyester/glass bilaminate reinforced modified bitumen membrane meeting California's Title 24 requirements. Type III, Grade G. 155 mils.	652.80	
07 51 13 00-0103	SQ	POWERply HE FR Cap Sheet, Hot Applied BUR Component Note: High elongation, fire rated, granule surfaced, polyester reinforced modified bitumen membrane. 160 mils.	270.21	

07 51 13 00-0104 Self Adhesive Base Plies And Ply Sheets *(07 51 13 00-0075)*

07 51 13 00-0105	SQ	POWERply SA Base Sheet, Self Adhesive Roofing Note: A self adhesive, fiberglass reinforced SBS modified bitumen base sheet/underlayment. Type 1, Grade S. 80 mils.	157.10	
07 51 13 00-0106	SQ	POWERply SA FR Membrane, Self Adhesive Roofing Note: A fire rated, granule surfaced, polyester reinforced, self adhesive SBS modified bitumen membrane. Type I, Grade G. 130 mils.	312.22	

07 51 13 00-0107 Flashings *(07 51 13 00-0075)*

07 51 13 00-0108	LF	11-1/2" Hypalon Elastomeric Flashing Note: 45 mils.	10.10	
07 51 13 00-0109	LF	19" Hypalon Elastomeric Flashing Note: 45 mils.	16.33	
07 51 13 00-0110	LF	25" Hypalon Elastomeric Flashing Note: 45 mils.	21.68	
07 51 13 00-0111	LF	38" Hypalon Elastomeric Flashing Note: 45 mils.	31.77	
07 51 13 00-0112	LF	60-1/2" Hypalon Elastomeric Flashing Note: 45 mils.	52.46	
07 51 13 00-0113	LF	12" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	8.03	
07 51 13 00-0114	LF	18" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	13.13	
07 51 13 00-0115	LF	24" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	17.49	
07 51 13 00-0116	LF	36" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	25.59	
07 51 13 00-0117	LF	60" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	64.78	
07 51 13 00-0118	LF	4" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	3.11	
07 51 13 00-0119	LF	6" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	3.22	
07 51 13 00-0120	LF	12" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	4.21	
07 51 13 00-0121	LF	36" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	11.90	

07 51 13 00-0122 Cold Applied Adhesives *(07 51 13 00-0075)*

07 51 13 00-0123	SQ	BURmastic Inter-Ply Cold Applied Adhesive	98.36	
07 51 13 00-0124	SQ	BURmastic Flood Coat Cold Applied Adhesive	161.99	
07 51 13 00-0125	SQ	BURmastic SF Inter-Ply Cold Applied Adhesive	185.50	
07 51 13 00-0126	SQ	BURmastic LV Inter-Ply Cold Applied Adhesive	98.36	
07 51 13 00-0127	SQ	POWERply Standard Inter-Ply Cold Applied Adhesive	50.81	
07 51 13 00-0128	SQ	POWERply Standard Flood Coat Cold Applied Adhesive	111.67	
07 51 13 00-0129	SQ	POWERply White On White Cold Applied Adhesive	102.80	
07 51 13 00-0130	SQ	Rock-It Cold Applied Adhesive For Gravel Applications	306.72	
07 51 13 00-0131	SQ	FAS-n-FREE Cold Applied Adhesive (Beads 12" OC) Note: For insulation only.	172.92	
07 51 13 00-0132	SQ	ECOLastic Cold Applied Adhesive	213.53	
07 51 13 00-0133	SQ	TRP Cold Applied Adhesive	195.56	

07 51 13 00-0134 Hot Applied Adhesives *(07 51 13 00-0075)*

07 51 13 00-0135	SQ	Premium III Asphalt Inter-Ply Hot Applied Adhesive	36.35	
07 51 13 00-0136	SQ	Premium III Asphalt Flood Coat Hot Applied Adhesive	73.50	
07 51 13 00-0137	SQ	POWERply Modified Inter-Ply Hot Applied Adhesive	60.61	
07 51 13 00-0138	SQ	POWERply Modified Flood Coat Hot Applied Adhesive	101.53	
07 51 13 00-0139	SQ	THERMastic 50 Hot Applied Adhesive	384.75	
07 51 13 00-0140	SQ	THERMastic Hot Applied Adhesive	668.80	

07 51 13 00-0141 Flashings Adhesives *(07 51 13 00-0075)*

07 51 13 00-0142	LF	Sheeting Bond Flashing Adhesive Note: Used to attach Hypalon sheeting to asphalt or coal-tar roofing membranes.	11.37	
07 51 13 00-0143	LF	Polyroof SF Flashing Mastic Note: A solvent free, one part elastomeric roof mastic. Used to seal edges or as a repair mastic for split or cracked seals.	15.99	
07 51 13 00-0144	LF	ELS Flashing Mastic Note: Used for repairing flashings and asphalt built-up roof defects.	10.57	
07 51 13 00-0145	LF	TremSEAL GP General Purpose Sealant	4.04	
07 51 13 00-0146	LF	TremSEAL HP High Performance Sealant	4.06	
07 51 13 00-0147	LF	TremSEAL S Silicone Sealant	4.03	

07 51 13 00-0148 Surfacing *(07 51 13 00-0075)*

07 51 13 00-0149	SQ	TremLastic SP Non Fibered Elastomeric Emulsion Cold Applied Coating	143.08	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0150	SQ	ICE Coating, Water Based, Heavy Bodied Elastomeric Roof Coating	311.92	
07 51 13 00-0151	SQ	ICE Coating With Reinforcement, Water Based, Heavy Bodied Elastomeric Roof Coating	376.98	
07 51 13 00-0152	SQ	Polar Coat	90.60	
07 51 13 00-0153	SQ	One Cost Aluminum, Asphalt Based, Fibrated Aluminum Roof Coating	165.50	
07 51 13 00-0154	SQ	Once Coat Aluminum FR, Fire Rated, Asphalt Based, Fibrated Aluminum Roof Coating	248.99	
07 51 13 00-0155	SQ	Wall Tite, Elastomeric Coating For Exterior Above-Grade Walls	278.04	
07 51 13 00-0156	SQ	Wall Tite F, Fibrated Elastomeric Coating For Exterior Above-Grade Walls	255.75	
07 51 13 00-0157		Primer *(07 51 13 00-0075)*		
07 51 13 00-0158	SQ	TREMprime WB Primer Note: Water based polymer modified asphalt primer.	23.46	
07 51 13 00-0159	SQ	Wall Tite Primer, Latex Primer For Wall Tite Coating	62.08	
07 51 13 00-0160	SQ	Wall Tite F Masonry Primer, Acrylic Latex Primer For Wall Tite F Coating	49.04	
07 51 13 00-0161		Liquid Applied Roofing *(07 51 13 00-0075)*		
07 51 13 00-0162	SQ	TremLAR 120 EP Primer Note: Two component, high solids, low viscosity, flexible epoxy primer.	143.64	
07 51 13 00-0163	SQ	Trem-LAR LRM H Waterproofing (Horizontal) Note: One part liquid applied elastomeric roofing membrane. 60 mils.	259.78	
07 51 13 00-0164	SQ	Trem-LAR LRM V Waterproofing (Vertical) Note: One part liquid applied elastomeric roofing membrane. 60 mils.	264.90	
07 51 13 00-0165		APP Products *(07 51 13 00-0075)*		
07 51 13 00-0166	SQ	POWERply APP Base Sheet	128.54	
07 51 13 00-0167	SQ	POWERply APP FR	242.16	
07 51 13 00-0168	SQ	POWERply APP Smooth	194.08	
07 51 13 00-0169	SQ	POWERply APP Deluxe Granulated	299.15	
07 51 13 00-0170	SQ	POWERply APP Deluxe Smooth	254.54	
07 51 13 00-0171		TPA White Membrane *(07 51 13 00-0075)*		
07 51 13 00-0172	SQ	45 Mil TPA White Membrane	336.88	
07 51 13 00-0173	SQ	60 Mil TPA White Membrane	456.46	
07 51 13 00-0174	SQ	80 Mil TPA White Membrane	548.66	
07 51 13 00-0175		TPA Polyester Fleece Backed White Membrane *(07 51 13 00-0075)*		
07 51 13 00-0176	SQ	45 Mil TPA Polyester Fleece Backed White Membrane	399.50	
07 51 13 00-0177	SQ	60 Mil TPA Polyester Fleece Backed White Membrane	461.61	
07 51 13 00-0178	SQ	80 Mil TPA Polyester Fleece Backed White Membrane	607.14	
07 51 13 00-0179		TPO Polyester White Membrane *(07 51 13 00-0075)*		
07 51 13 00-0180	SQ	45 Mil TPO Polyester White Membrane	190.76	
07 51 13 00-0181	SQ	60 Mil TPO Polyester White Membrane	188.24	
07 51 13 00-0182	SQ	80 Mil TPO Polyester White Membrane	326.90	
07 51 13 00-0183		TPO Polyester Fleece Backed White Membrane *(07 51 13 00-0075)*		
07 51 13 00-0184	SQ	45 Mil TPO Polyester Fleece Backed White Membrane	218.80	
07 51 13 00-0185	SQ	60 Mil TPO Polyester Fleece Backed White Membrane	245.26	
07 51 13 00-0186	SQ	80 Mil TPO Polyester Fleece Backed White Membrane	353.88	
07 51 13 00-0187		Tremply HP 4510 CSPE White Membrane *(07 51 13 00-0075)*		
07 51 13 00-0188	SQ	45 Mil Tremply HP 4510 CSPE White Membrane	566.52	
07 51 13 00-0189		Warranty *(07 51 13 00-0075)*		
07 51 13 00-0190	EA	Up To 10,000 SF 15 Year Roofing System Warranty	1,500.00	
07 51 13 00-0191	SF	>10,000 SF 15 Year Roofing System Warranty	0.15	
07 51 13 00-0192	EA	Up To 10,000 SF 20 Year Roofing System Warranty	2,000.00	
07 51 13 00-0193	SF	>10,000 SF 20 Year Roofing System Warranty	0.20	

07 52 Modified Bituminous Membrane Roofing *(07 50)*

07 52 13 Atactic-Polypropylene Modified Bituminous Membrane Roofing *(07 52)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 13 11 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 11-0001 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13 11)*

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 52 13 11-0002 Cold Adhesive Applied, APP Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 11-0001)*

07 52 13 11-0003	SQ	80 Mil, APP Modified Bitumen Base Sheet, Cold Adhesive Applied	93.82
		For Up To 10, Add	*11.96*
		For >10 To 25, Add	*9.54*
07 52 13 11-0004	SQ	90 Mil, APP Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	114.35
		For Up To 10, Add	*12.98*
		For >10 To 25, Add	*10.56*
07 52 13 11-0005	SQ	160 Mil, APP Modified Bitumen Ply Sheet, Cold Adhesive Applied	172.88
		For Up To 10, Add	*15.91*
		For >10 To 25, Add	*13.49*
07 52 13 11-0006	SQ	160 Mil, Smooth Surfaced, APP Modified Bitumen Cap Sheet, Cold Adhesive Applied	175.19
		For Up To 10, Add	*16.72*
		For >10 To 25, Add	*14.06*
07 52 13 11-0007	SQ	160 Mil, Granule Surfaced, APP Modified Bitumen Cap Sheet, Cold Adhesive Applied	137.65
		For Up To 10, Add	*14.84*
		For >10 To 25, Add	*12.19*
		For Factory Applied White Reflective Surfacing, Add	*50.47*
07 52 13 11-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Cap Sheet, Cold Adhesive Applied	147.92
		For Up To 10, Add	*15.35*
		For >10 To 25, Add	*12.70*
		For Factory Applied White Reflective Surfacing, Add	*50.47*
07 52 13 11-0009	SQ	180 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Cap Sheet, Cold Adhesive Applied	196.70
		For Up To 10, Add	*17.79*
		For >10 To 25, Add	*15.14*
		For Factory Applied White Reflective Surfacing, Add	*50.47*

07 52 13 11-0010 Cold Adhesive Applied, APP Modified Bitumen Roofing Flashing *(07 52 13 11-0001)*

07 52 13 11-0011	SF	160 Mil, Smooth Surfaced, APP Modified Bitumen Flashing, Cold Adhesive Applied	3.92
07 52 13 11-0012	SF	180 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Flashing, Cold Adhesive Applied	4.14
		For Factory Applied White Reflective Surfacing, Add	*0.50*

07 52 13 13 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 13-0001 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13 13)*

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

07 52 13 13-0002 Torch-Applied, APP Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 13-0001)*

07 52 13 13-0003	SQ	80 Mil, APP Modified Bitumen Base Sheet, Torch-Applied	63.06
		For Up To 10, Add	*8.60*
		For >10 To 25, Add	*6.79*
07 52 13 13-0004	SQ	90 Mil, APP Modified Bitumen Base Or Ply Sheet, Torch-Applied	84.06
		For Up To 10, Add	*9.65*
		For >10 To 25, Add	*7.84*
07 52 13 13-0005	SQ	150 Mil, APP Modified Bitumen Ply Sheet, Torch-Applied	95.56
		For Up To 10, Add	*10.23*
		For >10 To 25, Add	*8.41*
07 52 13 13-0006	SQ	160 Mil, APP Modified Bitumen Ply Sheet, Torch-Applied	99.10
		For Up To 10, Add	*10.40*
		For >10 To 25, Add	*8.59*
07 52 13 13-0007	SQ	180 Mil, APP Modified Bitumen Ply Sheet, Torch-Applied	113.48
		For Up To 10, Add	*11.12*
		For >10 To 25, Add	*9.31*
07 52 13 13-0008	SQ	150 Mil, Smooth Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied	96.68
		For Up To 10, Add	*10.61*
		For >10 To 25, Add	*8.68*
07 52 13 13-0009	SQ	160 Mil, Smooth Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied	100.09
		For Up To 10, Add	*10.78*
		For >10 To 25, Add	*8.85*
07 52 13 13-0010	SQ	180 Mil, Smooth Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied	121.86
		For Up To 10, Add	*11.87*
		For >10 To 25, Add	*9.94*
07 52 13 13-0011	SQ	160 Mil, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied	105.64
		For Up To 10, Add	*11.06*
		For >10 To 25, Add	*9.13*
		For Factory Applied White Reflective Surfacing, Add	*50.47*
07 52 13 13-0012	SQ	170 Mil, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied	118.26
		For Up To 10, Add	*11.69*
		For >10 To 25, Add	*9.76*
		For Factory Applied White Reflective Surfacing, Add	*50.47*
07 52 13 13-0013	SQ	160 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied	126.90
		For Up To 10, Add	*12.12*
		For >10 To 25, Add	*10.20*
		For Factory Applied White Reflective Surfacing, Add	*50.47*
07 52 13 13-0014	SQ	170 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied	128.79
		For Up To 10, Add	*12.21*
		For >10 To 25, Add	*10.29*
		For Factory Applied White Reflective Surfacing, Add	*50.47*
07 52 13 13-0015	SQ	180 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied	165.22
		For Up To 10, Add	*14.04*
		For >10 To 25, Add	*12.11*
		For Factory Applied White Reflective Surfacing, Add	*50.47*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0016		Torch-Applied, APP Modified Bitumen Roofing Flashing *(07 52 13 13-0001)*		
07 52 13 13-0017	SF	150 Mil, Smooth Surfaced, APP Modified Bitumen Flashing, Torch-Applied	1.87	
07 52 13 13-0018	SF	160 Mil, Smooth Surfaced, APP Modified Bitumen Flashing, Torch-Applied	1.90	
07 52 13 13-0019	SF	180 Mil, Smooth Surfaced, APP Modified Bitumen Flashing, Torch-Applied	2.05	
07 52 13 13-0020	SF	170 Mil, Granule Surfaced, APP Modified Bitumen Flashing, Torch-Applied	2.08	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 13 13-0021	SF	170 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Flashing, Torch-Applied	2.19	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 13 13-0022	SF	180 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Flashing, Torch-Applied	2.55	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	

07 52 13 14 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 14-0001 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13 14)*

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 13 14-0002 Mechanically Fastened, APP Modified Bitumen Roofing Base And Ply Sheets *(07 52 13 14-0001)*

07 52 13 14-0003	SQ	90 Mil, APP Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	95.30	
		For Up To 10, Add	*8.40*	
		For >10 To 25, Add	*7.19*	

07 52 16 Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 16 11 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 11-0001 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16 11)*

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 16 11-0002 Cold Adhesive Applied, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 11-0001)*

07 52 16 11-0003	SQ	50 Mil, SBS Modified Bitumen Base Sheet, Cold Adhesive Applied	70.01	
		For Up To 10, Add	*10.77*	
		For >10 To 25, Add	*8.34*	
07 52 16 11-0004	SQ	80 Mil, SBS Modified Bitumen Base Sheet, Cold Adhesive Applied	88.52	
		For Up To 10, Add	*11.69*	
		For >10 To 25, Add	*9.27*	
07 52 16 11-0005	SQ	90 Mil, SBS Modified Bitumen Base Sheet, Cold Adhesive Applied	109.12	
		For Up To 10, Add	*12.72*	
		For >10 To 25, Add	*10.30*	
07 52 16 11-0006	SQ	120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	137.30	
		For Up To 10, Add	*14.13*	
		For >10 To 25, Add	*11.71*	
07 52 16 11-0007	SQ	125 Mil, SBS Modified Bitumen Ply Sheet, Cold Adhesive Applied	158.36	
		For Up To 10, Add	*15.18*	
		For >10 To 25, Add	*12.76*	
07 52 16 11-0008	SQ	140 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	137.46	
		For Up To 10, Add	*14.83*	
		For >10 To 25, Add	*12.18*	
07 52 16 11-0009	SQ	150 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	142.17	
		For Up To 10, Add	*15.06*	
		For >10 To 25, Add	*12.41*	
07 52 16 11-0010	SQ	125 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	116.13	
		For Up To 10, Add	*13.76*	
		For >10 To 25, Add	*11.11*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 11-0011	SQ	140 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	132.03	
		For Up To 10, Add	*14.56*	
		For >10 To 25, Add	*11.91*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 11-0012	SQ	150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	136.80	
		For Up To 10, Add	*14.80*	
		For >10 To 25, Add	*12.14*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 11-0013	SQ	160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	138.90	
		For Up To 10, Add	*14.90*	
		For >10 To 25, Add	*12.25*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 11-0014	SQ	170 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	157.86	
		For Up To 10, Add	*15.85*	
		For >10 To 25, Add	*13.20*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 11-0015	SQ	180 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	198.41	
		For Up To 10, Add	*17.88*	
		For >10 To 25, Add	*15.22*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	127.32	
		For Up To 10, Add	*14.32*	
		For >10 To 25, Add	*11.67*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 11-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	145.46	
		For Up To 10, Add	*15.23*	
		For >10 To 25, Add	*12.58*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 11-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	146.94	
		For Up To 10, Add	*15.30*	
		For >10 To 25, Add	*12.65*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 11-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	150.67	
		For Up To 10, Add	*15.49*	
		For >10 To 25, Add	*12.84*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 11-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	157.21	
		For Up To 10, Add	*15.82*	
		For >10 To 25, Add	*13.16*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	

07 52 16 11-0021 Cold Adhesive Applied, SBS Modified Bitumen Roofing Flashing *(07 52 16 11-0001)*

07 52 16 11-0022	SF	150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	3.59	
07 52 16 11-0023	SF	125 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	3.33	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 11-0024	SF	140 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	3.49	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 11-0025	SF	160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	3.56	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 11-0026	SF	170 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	3.75	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 11-0027	SF	180 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	4.16	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 11-0028	SF	125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	3.44	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 11-0029	SF	140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	3.63	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 11-0030	SF	160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	3.68	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 11-0031	SF	170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	3.74	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 11-0032	SF	145 Mil, Aluminum Foil Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	4.44	
07 52 16 11-0033	SF	160 Mil, Copper Foil Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	7.03	

07 52 16 12 Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 12-0001 Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16 12)*

Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane.

07 52 16 12-0002 Hot-Mopped, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 12-0001)*

07 52 16 12-0003	SQ	50 Mil, SBS Modified Bitumen Base Sheet, Hot-Mopped	55.56	
		For Up To 10, Add	*10.04*	
		For >10 To 25, Add	*7.62*	
07 52 16 12-0004	SQ	80 Mil, SBS Modified Bitumen Base Sheet, Hot-Mopped	74.07	
		For Up To 10, Add	*10.97*	
		For >10 To 25, Add	*8.55*	
07 52 16 12-0005	SQ	90 Mil, SBS Modified Bitumen Base Sheet, Hot-Mopped	94.67	
		For Up To 10, Add	*12.00*	
		For >10 To 25, Add	*9.58*	
07 52 16 12-0006	SQ	120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Hot-Mopped	122.85	
		For Up To 10, Add	*13.41*	
		For >10 To 25, Add	*10.99*	
07 52 16 12-0007	SQ	125 Mil, SBS Modified Bitumen Ply Sheet, Hot-Mopped	143.91	
		For Up To 10, Add	*14.46*	
		For >10 To 25, Add	*12.04*	
07 52 16 12-0008	SQ	140 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	122.55	
		For Up To 10, Add	*14.08*	
		For >10 To 25, Add	*11.43*	
07 52 16 12-0009	SQ	150 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	127.78	
		For Up To 10, Add	*14.35*	
		For >10 To 25, Add	*11.69*	
07 52 16 12-0010	SQ	125 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	101.21	
		For Up To 10, Add	*13.02*	
		For >10 To 25, Add	*10.36*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 12-0011	SQ	140 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	117.12	
		For Up To 10, Add	*13.81*	
		For >10 To 25, Add	*11.16*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 12-0012	SQ	150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	122.41	
		For Up To 10, Add	*14.08*	
		For >10 To 25, Add	*11.42*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0013	SQ	160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	124.51	
		For Up To 10, Add	*14.18*	
		For >10 To 25, Add	*11.53*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 12-0014	SQ	170 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	143.47	
		For Up To 10, Add	*15.13*	
		For >10 To 25, Add	*12.48*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 12-0015	SQ	180 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	184.01	
		For Up To 10, Add	*17.16*	
		For >10 To 25, Add	*14.50*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 12-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	112.93	
		For Up To 10, Add	*13.60*	
		For >10 To 25, Add	*10.95*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 12-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	131.07	
		For Up To 10, Add	*14.51*	
		For >10 To 25, Add	*11.86*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 12-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	132.55	
		For Up To 10, Add	*14.58*	
		For >10 To 25, Add	*11.93*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 12-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	136.28	
		For Up To 10, Add	*14.77*	
		For >10 To 25, Add	*12.12*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 12-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	142.82	
		For Up To 10, Add	*15.10*	
		For >10 To 25, Add	*12.45*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	

07 52 16 12-0021 Hot-Mopped, SBS Modified Bitumen Roofing Flashing *(07 52 16 12-0001)*

07 52 16 12-0022	SF	150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.49	
07 52 16 12-0023	SF	125 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.23	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 12-0024	SF	140 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.39	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 12-0025	SF	150 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.44	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 12-0026	SF	160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.46	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 12-0027	SF	170 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.65	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 12-0028	SF	180 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	3.06	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 12-0029	SF	125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.35	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 12-0030	SF	140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.53	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 12-0031	SF	160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.59	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 12-0032	SF	170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.64	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 12-0033	SF	145 Mil, Aluminum Foil Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	3.34	
07 52 16 12-0034	SF	160 Mil, Copper Foil Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	5.93	

07 52 16 13 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 13-0001 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16 13)*

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

07 52 16 13-0002 Torch-Applied, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 13-0001)*

07 52 16 13-0003	SQ	120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Torch-Applied	101.52	
		For Up To 10, Add	*10.52*	
		For >10 To 25, Add	*8.71*	
07 52 16 13-0004	SQ	150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	106.49	
		For Up To 10, Add	*11.10*	
		For >10 To 25, Add	*9.17*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 13-0005	SQ	160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	109.37	
		For Up To 10, Add	*11.24*	
		For >10 To 25, Add	*9.32*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 13-0006	SQ	180 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	130.95	
		For Up To 10, Add	*12.32*	
		For >10 To 25, Add	*10.40*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 13-0007	SQ	150 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	105.84	
		For Up To 10, Add	*11.07*	
		For >10 To 25, Add	*9.14*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 13-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	113.16	
		For Up To 10, Add	*11.43*	
		For >10 To 25, Add	*9.51*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	

07 52 16 13-0009 Torch-Applied, SBS Modified Bitumen Roofing Flashing *(07 52 16 13-0001)*

07 52 16 13-0010	SF	150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Torch-Applied	2.01	
07 52 16 13-0011	SF	150 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied	1.96	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 13-0012	SF	180 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied	2.57	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 13-0013	SF	160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied	2.10	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 13-0014	SF	150 Mil, Aluminum Foil Surfaced, SBS Modified Bitumen Flashing, Torch-Applied	2.78	
07 52 16 13-0015	SF	160 Mil, Copper Foil Surfaced, SBS Modified Bitumen Flashing, Torch-Applied	5.44	

07 52 16 14 Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 14-0001 Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16 14)*

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 16 14-0002 Mechanically Fastened, SBS Modified Bitumen Roofing Base And Ply Sheets *(07 52 16 14-0001)*

07 52 16 14-0003	SQ	35 Mil, SBS Modified Bitumen Ply Sheet, Mechanically Fastened	72.48	
		For Up To 10, Add	*7.25*	
		For >10 To 25, Add	*6.04*	
07 52 16 14-0004	SQ	50 Mil, SBS Modified Bitumen Base Sheet, Mechanically Fastened	50.97	
		For Up To 10, Add	*6.18*	
		For >10 To 25, Add	*4.97*	
07 52 16 14-0005	SQ	80 Mil, SBS Modified Bitumen Base Sheet, Mechanically Fastened	81.57	
		For Up To 10, Add	*7.71*	
		For >10 To 25, Add	*6.50*	
07 52 16 14-0006	SQ	90 Mil, SBS Modified Bitumen Base Sheet, Mechanically Fastened	95.74	
		For Up To 10, Add	*8.42*	
		For >10 To 25, Add	*7.21*	
07 52 16 14-0007	SQ	120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	118.26	
		For Up To 10, Add	*9.54*	
		For >10 To 25, Add	*8.33*	

07 52 16 14-0008 Mechanically Fastened, SBS Modified Bitumen Roofing Flashing *(07 52 16 14-0001)*

07 52 16 14-0009	SF	150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Mechanically Fastened	1.65	
07 52 16 14-0010	SF	160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Mechanically Fastened	1.74	

07 52 16 15 Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 15-0001 Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16 15)*

Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane.

07 52 16 15-0002 Self-Adhering, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 15-0001)*

07 52 16 15-0003	SQ	60 Mil, SBS Modified Bitumen Base Sheet, Self-Adhering	50.52	
		For Up To 10, Add	*6.89*	
		For >10 To 25, Add	*5.43*	
07 52 16 15-0004	SQ	70 Mil, SBS Modified Bitumen Base Sheet, Self-Adhering	60.43	
		For Up To 10, Add	*7.38*	
		For >10 To 25, Add	*5.93*	
07 52 16 15-0005	SQ	120 Mil, SBS Modified Bitumen Base Sheet, Self-Adhering	98.88	
		For Up To 10, Add	*9.63*	
		For >10 To 25, Add	*8.07*	
07 52 16 15-0006	SQ	150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Self-Adhering	107.30	
		For Up To 10, Add	*10.05*	
		For >10 To 25, Add	*8.49*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	
07 52 16 15-0007	SQ	160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Self-Adhering	164.98	
		For Up To 10, Add	*12.94*	
		For >10 To 25, Add	*11.37*	
		For Factory Applied White Reflective Surfacing, Add	*50.47*	

07 52 16 15-0008 Self-Adhering, SBS Modified Bitumen Roofing Flashing *(07 52 16 15-0001)*

07 52 16 15-0009	SF	70 Mil, SBS Modified Bitumen Flashing, Self-Adhering	1.85	
07 52 16 15-0010	SF	150 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Self-Adhering	2.02	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	
07 52 16 15-0011	SF	160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Self-Adhering	2.59	
		For Factory Applied White Reflective Surfacing, Add	*0.50*	

07 53 Elastomeric Membrane Roofing *(07 50)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.		
07 53 16		**Chlorosulfonate-Polyethylene Roofing** *(07 53)*		
07 53 16 00-0001		Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes *(07 53 16)*		
		Note: Includes hot air welding or adhesive bonding of seams.		
07 53 16 00-0002	SQ	45 Mil, Single Ply CSPE Roofing Membrane, Fully Adhered	263.18	58.59
		Note: Includes adhesive.		
		For Up To 10, Add	*48.03*	
		For >10 To 25, Add	*36.41*	
		For 15 Year Warranty, Add	*3.00*	
		For 25 Year Warranty, Add	*8.00*	
07 53 16 00-0003	SQ	45 Mil, Single Ply CSPE Roofing Membrane, Ballasted	180.07	29.30
		Note: Includes ballast.		
		For Up To 10, Add	*26.44*	
		For >10 To 25, Add	*20.63*	
		For 15 Year Warranty, Add	*3.00*	
		For 25 Year Warranty, Add	*8.00*	
07 53 16 00-0004	SQ	45 Mil, Single Ply CSPE Roofing Membrane, Mechanically Fastened	203.24	43.94
		Note: Includes fasteners.		
		For Up To 10, Add	*36.32*	
		For >10 To 25, Add	*27.60*	
		For 15 Year Warranty, Add	*3.00*	
		For 25 Year Warranty, Add	*8.00*	
07 53 23		**Ethylene-Propylene-Diene-Monomer Roofing** *(07 53)*		
07 53 23 00-0001		Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes *(07 53 23)*		
		Note: Includes splicing of seams using adhesive or seam tape. Black EPDM.		
07 53 23 00-0002	SQ	45 Mil, Single Ply EPDM Roofing Membrane, Ballasted	137.01	29.30
		Note: Includes ballast.		
		For Up To 10, Add	*24.29*	
		For >10 To 25, Add	*18.47*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*4.05*	
		For Reinforced EPDM, Add	*17.03*	
07 53 23 00-0003	SQ	60 Mil, Single Ply EPDM Roofing Membrane, Ballasted	153.87	31.13
		Note: Includes ballast.		
		For Up To 10, Add	*26.22*	
		For >10 To 25, Add	*20.05*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.05*	
		For Reinforced EPDM, Add	*17.03*	
07 53 23 00-0004	SQ	90 Mil, Single Ply EPDM Roofing Membrane, Ballasted	205.56	29.26
		Note: Includes ballast.		
		For Up To 10, Add	*27.49*	
		For >10 To 25, Add	*21.75*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.05*	
07 53 23 00-0005	SQ	45 Mil, Single Ply EPDM Roofing Membrane, Partially Adhered (40%)	164.60	43.94
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	*34.38*	
		For >10 To 25, Add	*25.67*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*4.05*	
		For Low VOC Cement, Add	*14.73*	
		For Reinforced EPDM, Add	*17.03*	
		For White EPDM Or Factory Applied White Coating, Add	*38.70*	
		For Integral Polyester Fleece-Backing, Add	*57.34*	
07 53 23 00-0006	SQ	60 Mil, Single Ply EPDM Roofing Membrane, Partially Adhered (40%)	181.46	45.78
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	*36.32*	
		For >10 To 25, Add	*27.24*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.05*	
		For Low VOC Cement, Add	*14.73*	
		For Reinforced EPDM, Add	*17.03*	
		For White EPDM Or Factory Applied White Coating, Add	*38.70*	
		For Integral Polyester Fleece-Backing, Add	*63.28*	
07 53 23 00-0007	SQ	90 Mil, Single Ply EPDM Roofing Membrane, Partially Adhered (40%)	233.12	43.89
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	*37.48*	
		For >10 To 25, Add	*28.87*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.05*	
		For Low VOC Cement, Add	*14.73*	
		For White EPDM Or Factory Applied White Coating, Add	*38.70*	
		For Integral Polyester Fleece-Backing, Add	*69.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0008	SQ	45 Mil, Single Ply EPDM Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	214.57	58.59
		For Up To 10, Add	*45.60*	
		For >10 To 25, Add	*33.98*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*4.05*	
		For Reinforced EPDM, Add	*17.03*	
		For Low VOC Cement, Add	*36.83*	
		For White EPDM Or Factory Applied White Coating, Add	*38.70*	
		For Integral Polyester Fleece-Backing, Add	*57.34*	
07 53 23 00-0009	SQ	60 Mil, Single Ply EPDM Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	231.42	60.43
		For Up To 10, Add	*47.54*	
		For >10 To 25, Add	*35.55*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.05*	
		For Reinforced EPDM, Add	*17.03*	
		For Low VOC Cement, Add	*36.83*	
		For White EPDM Or Factory Applied White Coating, Add	*38.70*	
		For Integral Polyester Fleece-Backing, Add	*63.28*	
07 53 23 00-0010	SQ	90 Mil, Single Ply EPDM Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	297.68	65.84
		For Up To 10, Add	*53.62*	
		For >10 To 25, Add	*40.71*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.05*	
		For Low VOC Cement, Add	*36.83*	
		For White EPDM Or Factory Applied White Coating, Add	*38.70*	
		For Integral Polyester Fleece-Backing, Add	*69.77*	
07 53 23 00-0011	SQ	45 Mil, Single Ply EPDM Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	159.24	43.89
		For Up To 10, Add	*33.79*	
		For >10 To 25, Add	*25.18*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*4.05*	
		For Reinforced EPDM, Add	*17.03*	
		For White EPDM Or Factory Applied White Coating, Add	*38.70*	
07 53 23 00-0012	SQ	60 Mil, Single Ply EPDM Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	176.08	45.72
		For Up To 10, Add	*35.70*	
		For >10 To 25, Add	*26.74*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.05*	
		For Reinforced EPDM, Add	*17.03*	
		For White EPDM Or Factory Applied White Coating, Add	*38.70*	
07 53 23 00-0013	SQ	90 Mil, Single Ply EPDM Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	235.18	47.54
		For Up To 10, Add	*39.73*	
		For >10 To 25, Add	*30.41*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.05*	
		For White EPDM Or Factory Applied White Coating, Add	*38.70*	

07 53 23 00-0014 Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane Accessories *(07 53 23)*

07 53 23 00-0015	SQ	Acrylic, EPDM Roofing Primer, Price Per Coat	38.37	
		For Up To 10, Add	*6.28*	
		For >10 To 25, Add	*4.82*	
07 53 23 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For EPDM Roofing, Price Per Coat Note: 55% solids by volume.	39.56	
		For Up To 10, Add	*6.34*	
		For >10 To 25, Add	*4.88*	
07 53 23 00-0017	EA	Up To 4" Pipe Diameter, Prefabricated EPDM Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	25.43	6.96
07 53 23 00-0018	EA	>4" To 8" Pipe Diameter, Prefabricated EPDM Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	34.79	6.96
07 53 23 00-0019	EA	>8" To 13" Pipe Diameter, Prefabricated EPDM Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	61.81	6.96
07 53 23 00-0020	EA	6" Diameter, Prefabricated EPDM Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	81.14	7.69
07 53 23 00-0021	LF	30" Wide, EPDM Walkway Protection Pad Note: Includes factory installed peel and stick adhesive tape.	19.17	4.24
07 53 23 00-0022	SF	EPDM Membrane Base Flashing	3.77	1.10
07 53 23 00-0023	SF	EPDM Membrane Curb Flashing	4.86	1.64

07 53 29 Polyisobutylene Roofing *(07 53)*

07 53 29 00-0001 Polyisobutylene (PIB) Roofing Membranes *(07 53 29)*

Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 29 00-0002	SQ	100 Mil, Single Ply PIB Roofing Membrane, Ballasted Note: Includes ballast.	267.97	32.95
		For Up To 10, Add	*33.02*	
		For >10 To 25, Add	*26.48*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
07 53 29 00-0003	SQ	100 Mil, Single Ply PIB Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive.	305.08	47.61
		For Up To 10, Add	*43.59*	
		For >10 To 25, Add	*34.14*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
07 53 29 00-0004	SQ	100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered Note: Includes adhesive.	369.31	62.26
		For Up To 10, Add	*55.52*	
		For >10 To 25, Add	*43.17*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	

07 54 Thermoplastic Membrane Roofing *(07 50)*

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 54 19 Polyvinyl-Chloride Roofing *(07 54)*

07 54 19 00-0001 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes *(07 54 19)*

Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0002	SQ	48 Mil, Single Ply RPVC Roofing Membrane, Ballasted Note: Includes ballast.	166.01	29.30
		For Up To 10, Add	*25.74*	
		For >10 To 25, Add	*19.92*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*28.50*	
07 54 19 00-0003	SQ	60 Mil, Single Ply RPVC Roofing Membrane, Ballasted Note: Includes ballast.	189.07	31.13
		For Up To 10, Add	*27.98*	
		For >10 To 25, Add	*21.81*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*28.50*	
07 54 19 00-0004	SQ	72 Mil, Single Ply RPVC Roofing Membrane, Ballasted Note: Includes ballast.	212.22	32.05
		For Up To 10, Add	*29.68*	
		For >10 To 25, Add	*23.33*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*28.50*	
07 54 19 00-0005	SQ	80 Mil, Single Ply RPVC Roofing Membrane, Ballasted Note: Includes ballast.	230.04	32.95
		For Up To 10, Add	*31.12*	
		For >10 To 25, Add	*24.58*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*28.50*	
07 54 19 00-0006	SQ	48 Mil, Single Ply RPVC Roofing Membrane, Fully Adhered Note: Includes adhesive.	232.84	58.59
		For Up To 10, Add	*46.52*	
		For >10 To 25, Add	*34.89*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*28.50*	
07 54 19 00-0007	SQ	60 Mil, Single Ply RPVC Roofing Membrane, Fully Adhered Note: Includes adhesive.	255.89	60.43
		For Up To 10, Add	*48.76*	
		For >10 To 25, Add	*36.77*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*28.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0008	SQ	72 Mil, Single Ply RPVC Roofing Membrane, Fully Adhered	279.05	61.34
		Note: Includes adhesive.		
		For Up To 10, Add	*50.46*	
		For >10 To 25, Add	*38.29*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*28.50*	
07 54 19 00-0009	SQ	80 Mil, Single Ply RPVC Roofing Membrane, Fully Adhered	296.86	62.26
		Note: Includes adhesive.		
		For Up To 10, Add	*51.90*	
		For >10 To 25, Add	*39.55*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*28.50*	
07 54 19 00-0010	SQ	48 Mil, Single Ply RPVC Roofing Membrane, Mechanically Fastened	184.50	43.94
		Note: Includes fasteners.		
		For Up To 10, Add	*35.38*	
		For >10 To 25, Add	*26.66*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*28.50*	
07 54 19 00-0011	SQ	60 Mil, Single Ply RPVC Roofing Membrane, Mechanically Fastened	207.56	45.78
		Note: Includes fasteners.		
		For Up To 10, Add	*37.62*	
		For >10 To 25, Add	*28.54*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*28.50*	
07 54 19 00-0012	SQ	72 Mil, Single Ply RPVC Roofing Membrane, Mechanically Fastened	230.70	46.70
		Note: Includes fasteners.		
		For Up To 10, Add	*39.32*	
		For >10 To 25, Add	*30.06*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*28.50*	
07 54 19 00-0013	SQ	80 Mil, Single Ply RPVC Roofing Membrane, Mechanically Fastened	248.53	47.61
		Note: Includes fasteners.		
		For Up To 10, Add	*40.76*	
		For >10 To 25, Add	*31.32*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*28.50*	

07 54 19 00-0014 Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories *(07 54 19)*

07 54 19 00-0015	SQ	Acrylic, PVC Roofing Cleaner/Primer, Price Per Coat	38.37	
		For Up To 10, Add	*6.28*	
		For >10 To 25, Add	*4.82*	
07 54 19 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For PVC Roofing, Price Per Coat	39.56	
		Note: 55% solids by volume.		
		For Up To 10, Add	*6.34*	
		For >10 To 25, Add	*4.88*	
07 54 19 00-0017	EA	Up To 3" Pipe Diameter, Prefabricated PVC Pipe Cone/Boot	39.30	6.23
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0018	EA	>3" To 7" Pipe Diameter, Prefabricated PVC Pipe Cone/Boot	54.21	6.96
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0019	EA	>7" To 12" Pipe Diameter, Prefabricated PVC Pipe Cone/Boot	68.69	7.69
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0020	EA	6" Diameter, Prefabricated PVC Penetration Pocket	86.27	7.69
		Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07 54 19 00-0021	LF	36" Wide, PVC Walkway Protection Pad	16.75	4.24
07 54 19 00-0022	SF	PVC Membrane Base Flashing	4.39	1.10
07 54 19 00-0023	SF	PVC Membrane Curb Flashing	5.48	1.64
07 54 19 00-0024	SF	PVC Clad Edge Metal Or Base Flashing	5.75	1.10
		Note: 20 Mil PVC membrane laminated to 24 gauge galvanized steel.		

07 54 23 Thermoplastic-Polyolefin Roofing *(07 54)*

07 54 23 00-0001 Thermoplastic Polyolefin (TPO) Roofing Membranes *(07 54 23)*

Note: Includes polyester fabric reinforcement and hot air welding of seams.

07 54 23 00-0002	SQ	45 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	213.73	58.59
		Note: Includes adhesive.		
		For Up To 10, Add	*45.56*	
		For >10 To 25, Add	*33.94*	
		For 15 Year Warranty, Add	*3.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0003	SQ	60 Mil, Single Ply TPO Roofing Membrane, Fully Adhered Note: Includes adhesive.	226.52	60.43
		For Up To 10, Add	*47.29*	
		For >10 To 25, Add	*35.30*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0004	SQ	80 Mil, Single Ply TPO Roofing Membrane, Fully Adhered Note: Includes adhesive.	280.57	62.26
		For Up To 10, Add	*51.08*	
		For >10 To 25, Add	*38.73*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0005	SQ	45 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	153.69	43.94
		For Up To 10, Add	*33.84*	
		For >10 To 25, Add	*25.12*	
		For 15 Year Warranty, Add	*3.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0006	SQ	60 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	166.49	45.78
		For Up To 10, Add	*35.57*	
		For >10 To 25, Add	*26.49*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0007	SQ	80 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	220.55	47.61
		For Up To 10, Add	*39.36*	
		For >10 To 25, Add	*29.92*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	

07 54 23 00-0008 Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories *(07 54 23)*

07 54 23 00-0009	SQ	Acrylic, TPO Roofing Primer, Price Per Coat	44.90	
		For Up To 10, Add	*6.60*	
		For >10 To 25, Add	*5.15*	
07 54 23 00-0010	SQ	Acrylic Elastomeric, Surface Or Base Coating For TPO Roofing, Price Per Coat Note: 55% solids by volume.	39.56	
		For Up To 10, Add	*6.34*	
		For >10 To 25, Add	*4.88*	
		For Tan Or Gray Color, Add	*1.25*	
07 54 23 00-0011	EA	Up To 3" Pipe Diameter, Prefabricated TPO Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	34.32	6.23
07 54 23 00-0012	EA	>3" To 8" Pipe Diameter, Prefabricated TPO Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	37.16	6.96
07 54 23 00-0013	EA	6" Diameter, Prefabricated TPO Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	65.52	7.69
07 54 23 00-0014	LF	30" Wide, TPO Walkway Protection Pad	16.57	4.24
07 54 23 00-0015	SF	TPO Membrane Base Flashing	4.56	1.10
07 54 23 00-0016	SF	TPO Curb Flashing	4.29	1.10
		For Tan Or Gray Color, Add	*0.05*	
07 54 23 00-0017	SF	TPO Clad Edge Metal Or Base Flashing Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.	6.43	1.10

07 55 Protected Membrane Roofing *(07 50)*

See CSI section 07 26 13 00-0000 for wood deck building paper.

07 55 63 Vegetated Protected Membrane Roofing *(07 55)*

07 55 63 00-0001 Garden Roof System *(07 55 63)*

Note: Excludes walkway pavers, shrubs and plants. See CSI section 32 92 00 00-0000 for turf and grasses, 32 93 00 00-0000 for plants.

07 55 63 00-0002 Fluid Applied Polyurethane (WhiteKnight) Waterproofing *(07 55 63 00-0001)*

Note: Includes: powerwash, primer, base coat, polyester reinforcement, top coat and finish coat

07 55 63 00-0003	SF	Up To 250 SF Fluid Applied Polyurethane Waterproofing	8.50
07 55 63 00-0004	SF	250 To 500 SF Fluid Applied Polyurethane Waterproofing	8.30
07 55 63 00-0005	SF	501 To 2500 SF Fluid Applied Polyurethane Waterproofing	8.00
07 55 63 00-0006	SF	2501 To 5000 SF Fluid Applied Polyurethane Waterproofing	7.70
07 55 63 00-0007	SF	5001 To 10000 SF Fluid Applied Polyurethane Waterproofing	7.40
07 55 63 00-0008	SF	10001 To 25000 SF Fluid Applied Polyurethane Waterproofing	7.10
07 55 63 00-0009	SF	25001 To 50000 SF Fluid Applied Polyurethane Waterproofing	6.80
07 55 63 00-0010	SF	>50000 SF Fluid Applied Polyurethane Waterproofing	6.50

07 55 63 00-0011 Filterdrain (Greenshield Filterdrain) *(07 55 63 00-0001)*

07 55 63 00-0012	SF	Up To 250 SF Filterdrain	3.00
07 55 63 00-0013	SF	250 To 500 SF Filterdrain	2.80
07 55 63 00-0014	SF	501 To 2500 SF Filterdrain	2.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 55 63 00-0015	SF	2501 To 5000 SF Filterdrain	2.40	
07 55 63 00-0016	SF	5001 To 10000 SF Filterdrain	2.20	
07 55 63 00-0017	SF	10001 To 25000 SF Filterdrain	2.10	
07 55 63 00-0018	SF	25001 To 50000 SF Filterdrain	2.05	
07 55 63 00-0019	SF	>50000 SF Filterdrain	2.00	
07 55 63 00-0020		Soil (Greenshield Oasis) *(07 55 63 00-0001)*		
07 55 63 00-0021	SF	Up To 250 SF Growing Media / Engineered Soil, 1" Depth	1.00	
07 55 63 00-0022	SF	250 To 500 SF Growing Media / Engineered Soil, 1" Depth	0.85	
07 55 63 00-0023	SF	501 To 2500 SF Growing Media / Engineered Soil, 1" Depth	0.70	
07 55 63 00-0024	SF	2501 To 5000 SF Growing Media / Engineered Soil, 1" Depth	0.70	
07 55 63 00-0025	SF	5001 To 10000 SF Growing Media / Engineered Soil, 1" Depth	0.55	
07 55 63 00-0026	SF	10001 To 25000 SF Growing Media / Engineered Soil, 1" Depth	0.50	
07 55 63 00-0027	SF	25001 To 50000 SF Growing Media / Engineered Soil, 1" Depth	0.45	
07 55 63 00-0028	SF	>50000 SF Growing Media / Engineered Soil, 1" Depth	0.40	
07 55 63 00-0029		Irrigation Topical And Controls *(07 55 63 00-0001)*		
07 55 63 00-0030	SF	Up To 250 SF Irrigation Topical	15.00	
07 55 63 00-0031	SF	250 To 500 SF Irrigation Topical	14.75	
07 55 63 00-0032	SF	501 To 2500 SF Irrigation Topical	9.50	
07 55 63 00-0033	SF	2501 To 5000 SF Irrigation Topical	7.50	
07 55 63 00-0034	SF	5001 To 10000 SF Irrigation Topical	5.50	
07 55 63 00-0035	SF	10001 To 25000 SF Irrigation Topical	3.50	
07 55 63 00-0036	SF	25001 To 50000 SF Irrigation Topical	2.50	
07 55 63 00-0037	SF	>50000 SF Irrigation Topical	2.00	

07 56 Fluid-Applied Roofing *(07 50)*

07 56 00 00-0001		Neoprene Hypalon Liquid Roofing, 5 Coats *(07 56)*		
07 56 00 00-0002	SQ	60 Mil 5 Coat Spray-on Neoprene Hypalon Liquid Roofing	773.40	95.10
		For Each Additional Coat, Add	*116.01*	
07 56 00 00-0003		Vinyl Spray Liquid Roofing *(07 56)*		
07 56 00 00-0004	SQ	2 Mil Vinyl Liquid Roofing	689.46	100.22
07 56 00 00-0005	SQ	4 Mil Vinyl Liquid Roofing	771.35	111.92
07 56 00 00-0006		Silicone Elastomeric Liquid Roofing *(07 56)*		
07 56 00 00-0007	SQ	65% Solids, Silicone Elastomeric Spray-on Roofing, 3 Coats, 16 Mil Per Coat	234.89	57.43
07 56 00 00-0008	SQ	65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat	290.55	57.43
07 56 00 00-0009	SQ	65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat	332.40	57.43
07 56 00 00-0010		Rubberized Acrylic Roof Coating, Sprayed On *(07 56)*		
		Note: As manufactured by Tru-Co, Inc.		
07 56 00 00-0011		Rubberized Acrylic Roof Coating, Sprayed On Assemblies *(07 56 00 00-0010)*		
07 56 00 00-0012	SQ	Elastomeric Installation Over Urethane Foam	531.46	
07 56 00 00-0013	SQ	Elastomeric Installation Over Decks	545.66	
07 56 00 00-0014	SQ	Elastomeric Installation Over Exterior, Waterproofing	221.48	
07 56 00 00-0015	SQ	Installation Over Existing Tar (Asphalt) And Gravel Roof	691.26	
07 56 00 00-0016	SQ	Installation Over New Construction, Waterproofing	390.19	
07 56 00 00-0017	SQ	Installation Over Mobile Home	256.81	
07 56 00 00-0018	SQ	Installation Over Corrugated Metal Roofs	301.94	
07 56 00 00-0019	SQ	Installation Over Granulate Mineral Surface, BUR Capsheet (Semi-Smooth) Surface	576.59	
07 56 00 00-0020	SQ	4" Acrylic Gel With Fabric (Apply At Edges)	2.03	
07 56 00 00-0021	SQ	6" Acrylic Gel With Fabric (Apply At Edges)	2.85	
07 56 00 00-0022		Polyurethane Roof Coating, Sprayed On Assemblies *(07 56)*		
		Note: Includes powerwash, primer, base coat, polyester reinforcement, top coat and finish coat		
07 56 00 00-0023	SF	Up To 50 SF White (High-Albedo) Polyurethane Coating	8.88	
07 56 00 00-0024	SF	51 To 100 SF White (High-Albedo) Polyurethane Coating	8.59	
07 56 00 00-0025	SF	101 To 500 SF White (High-Albedo) Polyurethane Coating	8.31	
07 56 00 00-0026	SEA	501 To 1000 SF White (High-Albedo) Polyurethane Coating	7.95	

07 57 Coated Foamed Roofing *(07 50)*

07 57 13 Sprayed Polyurethane Foam Roofing *(07 57)*

Note: Includes power washing. Excludes ballast removal and priming metal surfaces. Excludes walkways.

07 57 13 00-0001 Sprayed Polyurethane Foam Roofing Systems *(07 57 13)*

07 57 13 00-0002 Sprayed Polyurethane Foam Roofing Systems With Acrylic Elastomeric Coating *(07 57 13 00-0001)*

07 57 13 00-0003 Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 5 year warranty.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0004	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	226.71	32.59
		For < 7500, Add	*22.67*	
07 57 13 00-0005	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	319.08	37.25
		For < 7500, Add	*31.91*	
07 57 13 00-0006	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	420.72	41.90
		For < 7500, Add	*42.07*	
07 57 13 00-0007	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	503.80	46.56
		For < 7500, Add	*50.38*	
07 57 13 00-0008	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	596.16	51.22
		For < 7500, Add	*59.62*	
07 57 13 00-0009	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	688.52	55.87
		For < 7500, Add	*68.85*	

07 57 13 00-0010 Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 10 year warranty.

07 57 13 00-0011	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	233.93	32.59
		For < 7500, Add	*23.39*	
07 57 13 00-0012	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	326.30	37.25
		For < 7500, Add	*32.63*	
07 57 13 00-0013	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	418.66	41.90
		For < 7500, Add	*41.87*	
07 57 13 00-0014	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	511.02	46.56
		For < 7500, Add	*51.10*	
07 57 13 00-0015	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	603.38	51.22
		For < 7500, Add	*60.34*	
07 57 13 00-0016	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	695.74	55.87
		For < 7500, Add	*69.57*	

07 57 13 00-0017 Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 15 year warranty.

07 57 13 00-0018	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	251.46	32.59
		For < 7500, Add	*25.15*	
07 57 13 00-0019	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	340.74	37.25
		For < 7500, Add	*34.07*	
07 57 13 00-0020	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	433.10	41.90
		For < 7500, Add	*43.31*	
07 57 13 00-0021	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	564.04	46.56
		For < 7500, Add	*56.40*	
07 57 13 00-0022	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	664.24	51.22
		For < 7500, Add	*66.42*	
07 57 13 00-0023	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	764.44	55.87
		For < 7500, Add	*76.44*	

07 57 13 00-0024 Sprayed Polyurethane Foam Roofing Systems With Silicone Elastomeric Coating *(07 57 13 00-0001)*

07 57 13 00-0025 Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating *(07 57 13 00-0024)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 5 year warranty.

07 57 13 00-0026	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	256.62	32.59
		For < 7500, Add	*25.66*	
07 57 13 00-0027	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	356.83	37.25
		For < 7500, Add	*35.68*	
07 57 13 00-0028	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	457.03	41.90
		For < 7500, Add	*45.70*	
07 57 13 00-0029	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	557.23	46.56
		For < 7500, Add	*55.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0030	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	657.43	51.22
		For < 7500, Add	*65.74*	
07 57 13 00-0031	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	757.63	55.87
		For < 7500, Add	*75.76*	

07 57 13 00-0032 Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating *(07 57 13 00-0024)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 10 year warranty.

07 57 13 00-0033	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	266.83	32.59
		For < 7500, Add	*26.68*	
07 57 13 00-0034	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	367.05	37.25
		For < 7500, Add	*36.71*	
07 57 13 00-0035	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	467.24	41.90
		For < 7500, Add	*46.72*	
07 57 13 00-0036	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	567.44	46.56
		For < 7500, Add	*56.74*	
07 57 13 00-0037	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	667.65	51.22
		For < 7500, Add	*66.77*	
07 57 13 00-0038	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	767.84	55.87
		For < 7500, Add	*76.78*	

07 57 13 00-0039 Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating *(07 57 13 00-0024)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 15 year warranty.

07 57 13 00-0040	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	274.78	32.59
		For < 7500, Add	*27.48*	
07 57 13 00-0041	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	374.99	37.25
		For < 7500, Add	*37.50*	
07 57 13 00-0042	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	475.18	41.90
		For < 7500, Add	*47.52*	
07 57 13 00-0043	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	575.39	46.56
		For < 7500, Add	*57.54*	
07 57 13 00-0044	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	675.59	51.22
		For < 7500, Add	*67.56*	
07 57 13 00-0045	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	775.78	55.87
		For < 7500, Add	*77.58*	

07 58 Roll Roofing *(07 50)*

07 58 00 00-0001 Prepared Roll Roofing *(07 58)*

Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07 51 13 00-0033 for underlayment.

07 58 00 00-0002	SQ	Granule Surfaced, 90#, Asphalt Saturated Organic Felt Roll Roofing	114.79	20.96

07 59 Membrane Roofing Accessories *(07 50)*

07 59 00 00-0001 Membrane Roofing Accessories *(07 59)*

07 59 00 00-0002	LF	Roofing Membrane Termination Bar Note: Includes fasteners and caulking.	2.94	1.02

07 60 Flashing And Sheet Metal *(07)*

Note: Includes placement of materials on roof up to 2-1/2 stories.

07 62 Sheet Metal Flashing And Trim *(07 60)*

07 62 00 00-0001 Lead Flashing And Trim *(07 62)*

07 62 00 00-0002	SF	2.5 LB/SF Sheet Lead Flashing	16.06	3.73
07 62 00 00-0003	SF	4 LB/SF Sheet Lead Flashing	20.68	3.73

07 62 00 00-0004 Copper Flashing And Trim *(07 62)*

07 62 00 00-0005 Copper Flashing And Trim *(07 62 00 00-0004)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 00 00-0006	SF	16 Ounce, 0.021" Thick, Copper Flashing And Trim	15.67	3.65
		For >500 To 2,000, Deduct	*-2.18*	
		For >2,000, Deduct	*-2.60*	
		For Copper Valley For Steep Slope Roofing, Add	*1.44*	
		For Wrap Around Window Panning, Add	*7.22*	
07 62 00 00-0007	SF	20 Ounce, 0.027" Thick, Copper Flashing And Trim	16.21	3.73
		For >500 To 2,000, Deduct	*-2.26*	
		For >2,000, Deduct	*-2.69*	
		For Copper Valley For Steep Slope Roofing, Add	*1.51*	
		For Wrap Around Window Panning, Add	*7.55*	
07 62 00 00-0008	SF	24 Ounce, 0.032" Thick, Copper Flashing And Trim	18.29	3.99
		For >500 To 2,000, Deduct	*-2.54*	
		For >2,000, Deduct	*-3.06*	
		For Copper Valley For Steep Slope Roofing, Add	*1.58*	
		For Wrap Around Window Panning, Add	*7.90*	
07 62 00 00-0009	SF	32 Ounce, 0.043" Thick, Copper Flashing And Trim	22.16	4.15
		For >500 To 2,000, Deduct	*-3.05*	
		For >2,000, Deduct	*-3.74*	
		For Copper Valley For Steep Slope Roofing, Add	*1.66*	
		For Wrap Around Window Panning, Add	*8.30*	
07 62 00 00-0010		Stainless Steel Flashing And Trim *(07 62)*		
07 62 00 00-0011		Stainless Steel Flashing And Trim *(07 62 00 00-0010)*		
07 62 00 00-0012	SF	32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim	7.59	1.99
		For Wrap Around Window Panning, Add	*5.12*	
		For Mechanically Keyed Flashing, Add	*0.99*	
07 62 00 00-0013	SF	28 Gauge, 0.015" Thick, Stainless Steel Flashing And Trim	8.82	2.33
		For Wrap Around Window Panning, Add	*5.12*	
		For Mechanically Keyed Flashing, Add	*1.48*	
07 62 00 00-0014	SF	26 Gauge, 0.018" Thick, Stainless Steel Flashing And Trim	10.09	2.74
		For Wrap Around Window Panning, Add	*5.47*	
		For Mechanically Keyed Flashing, Add	*1.85*	
07 62 00 00-0015	SF	24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim	11.93	2.91
		For Wrap Around Window Panning, Add	*5.77*	
		For Mechanically Keyed Flashing, Add	*2.46*	
07 62 00 00-0016		Stainless Steel Drip Edge *(07 62 00 00-0010)*		
07 62 00 00-0017	LF	5" Girth, 24 Gauge, Stainless Steel Drip Edge	3.50	0.83
07 62 00 00-0018	LF	8" Girth, 24 Gauge, Stainless Steel Drip Edge	4.11	0.83
07 62 00 00-0019		Aluminum Flashing And Trim *(07 62)*		
07 62 00 00-0020		Aluminum Flashing And Trim *(07 62 00 00-0019)*		
07 62 00 00-0021	SF	0.013" Thick, Mill Finish, Aluminum Flashing And Trim	7.76	2.58
		For Baked Aluminum Colors, Add	*0.20*	
		For Wrap Around Window Panning, Add	*5.73*	
07 62 00 00-0022	SF	0.016" Thick, Mill Finish, Aluminum Flashing And Trim	8.21	2.58
		For Baked Aluminum Colors, Add	*0.25*	
		For Wrap Around Window Panning, Add	*5.73*	
07 62 00 00-0023	SF	0.019" Thick, Mill Finish, Aluminum Flashing And Trim	8.56	2.58
		For Baked Aluminum Colors, Add	*0.28*	
		For Wrap Around Window Panning, Add	*5.73*	
07 62 00 00-0024	SF	0.024" Thick, Mill Finish, Aluminum Flashing And Trim	9.07	2.58
		For Baked Aluminum Colors, Add	*0.33*	
		For Wrap Around Window Panning, Add	*5.73*	
07 62 00 00-0025	SF	0.032" Thick, Mill Finish, Aluminum Flashing And Trim	9.78	2.58
		For Baked Aluminum Colors, Add	*0.41*	
		For Wrap Around Window Panning, Add	*5.73*	
07 62 00 00-0026	SF	0.040" Thick, Mill Finish, Aluminum Flashing And Trim	10.22	2.58
		For Baked Aluminum Colors, Add	*0.45*	
		For Wrap Around Window Panning, Add	*5.73*	
07 62 00 00-0027	SF	0.050" Thick, Mill Finish, Aluminum Flashing And Trim	10.57	2.58
		For Baked Aluminum Colors, Add	*0.48*	
		For Wrap Around Window Panning, Add	*5.73*	
07 62 00 00-0028		Aluminum Drip Edge *(07 62 00 00-0019)*		
07 62 00 00-0029	LF	5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	2.68	0.74
07 62 00 00-0030	LF	5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	2.83	0.74
07 62 00 00-0031	LF	5" Girth, 0.016" Thick, Painted Finish, Aluminum Drip Edge	2.84	0.74
07 62 00 00-0032	LF	5" Girth, 0.019" Thick, Painted Finish, Aluminum Drip Edge	3.01	0.74
07 62 00 00-0033	LF	8" Girth, 0.016" Thick, Painted Finish, Aluminum Drip Edge	3.55	0.74
07 62 00 00-0034	LF	8" Girth, 0.019" Thick, Painted Finish, Aluminum Drip Edge	3.82	0.74
07 62 00 00-0035	LF	28" Girth, 0.016" Thick, Painted Finish, Aluminum Drip Edge	13.13	2.91
07 62 00 00-0036	LF	28" Girth, 0.019" Thick, Painted Finish, Aluminum Drip Edge	14.07	2.91
07 62 00 00-0037		Aluminum Copings *(07 62 00 00-0019)*		
		See CSI section 02 41 19 13-0277 for masonry coping removal.		
07 62 00 00-0038		Aluminum Coping System With Galvanized Steel Anchor Plate *(07 62 00 00-0037)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 00 00-0039	LF	12-14" Wide (Stretch-out), 0.04" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Anchor Plate	14.78	2.07
		For 6-8" Width (Stretch-out), Deduct	*-2.74*	
		For 9-11" Width (Stretch-out), Deduct	*-1.30*	
		For 15"-17" Width (Stretch-out), Add	*1.30*	
		For 18-22" Width (Stretch-out), Add	*2.95*	
		For 23-38" Width (Stretch-out), Add	*4.74*	
07 62 00 00-0040	LF	12-14" Wide (Stretch-out), 0.05" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Anchor Plate	16.38	2.07
		For 6-8" Width (Stretch-out), Deduct	*-2.74*	
		For 9-11" Width (Stretch-out), Deduct	*-1.30*	
		For 15"-17" Width (Stretch-out), Add	*1.30*	
		For 18-22" Width (Stretch-out), Add	*2.95*	
		For 23-38" Width (Stretch-out), Add	*4.74*	
07 62 00 00-0041	LF	12-14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Anchor Plate	17.65	2.07
		For 6-8" Width (Stretch-out), Deduct	*-2.74*	
		For 9-11" Width (Stretch-out), Deduct	*-1.30*	
		For 15"-17" Width (Stretch-out), Add	*1.30*	
		For 18-22" Width (Stretch-out), Add	*2.95*	
		For 23-38" Width (Stretch-out), Add	*4.74*	
07 62 00 00-0042	LF	12-14" Wide (Stretch-out), 0.08" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Anchor Plate	18.61	2.07
		For 6-8" Width (Stretch-out), Deduct	*-2.74*	
		For 9-11" Width (Stretch-out), Deduct	*-1.30*	
		For 15"-17" Width (Stretch-out), Add	*1.30*	
		For 18-22" Width (Stretch-out), Add	*2.95*	
		For 23-38" Width (Stretch-out), Add	*4.74*	
07 62 00 00-0043		**Aluminum Coping System With Galvanized Steel Cleats** *(07 62 00 00-0037)*		
07 62 00 00-0044	LF	12-14" Wide (Stretch-out), 0.04" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	13.80	1.66
		For 6-8" Width (Stretch-out), Deduct	*-2.58*	
		For 9-11" Width (Stretch-out), Deduct	*-1.23*	
		For 15"-17" Width (Stretch-out), Add	*1.23*	
		For 18-22" Width (Stretch-out), Add	*2.85*	
		For 23-38" Width (Stretch-out), Add	*4.58*	
07 62 00 00-0045	LF	12-14" Wide (Stretch-out), 0.05" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	14.44	1.66
		For 6-8" Width (Stretch-out), Deduct	*-2.58*	
		For 9-11" Width (Stretch-out), Deduct	*-1.23*	
		For 15"-17" Width (Stretch-out), Add	*1.23*	
		For 18-22" Width (Stretch-out), Add	*2.85*	
		For 23-38" Width (Stretch-out), Add	*4.58*	
07 62 00 00-0046	LF	12-14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	15.08	1.66
		For 6-8" Width (Stretch-out), Deduct	*-2.58*	
		For 9-11" Width (Stretch-out), Deduct	*-1.23*	
		For 15"-17" Width (Stretch-out), Add	*1.23*	
		For 18-22" Width (Stretch-out), Add	*2.85*	
		For 23-38" Width (Stretch-out), Add	*4.58*	
07 62 00 00-0047	LF	12-14" Wide (Stretch-out), 0.08" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	15.72	1.66
		For 6-8" Width (Stretch-out), Deduct	*-2.58*	
		For 9-11" Width (Stretch-out), Deduct	*-1.23*	
		For 15"-17" Width (Stretch-out), Add	*1.23*	
		For 18-22" Width (Stretch-out), Add	*2.85*	
		For 23-38" Width (Stretch-out), Add	*4.58*	
07 62 00 00-0048		**Steel Flashing And Trim** *(07 62)*		
07 62 00 00-0049		**Galvanized Steel Flashing And Trim** *(07 62 00 00-0048)*		
07 62 00 00-0050	SF	26 Gauge, Galvanized Steel Flashing	9.52	2.66
		For Wrap Around Window Panning, Add	*5.77*	
07 62 00 00-0051	SF	24 Gauge, Galvanized Steel Flashing	9.82	2.66
		For Wrap Around Window Panning, Add	*5.77*	
07 62 00 00-0052		**Galvanized Steel Drip Edge** *(07 62 00 00-0048)*		
07 62 00 00-0053	LF	5" Girth, 26 Gauge, Galvanized Steel Drip Edge	2.70	0.74
07 62 00 00-0054	LF	8" Girth, 26 Gauge, Galvanized Steel Drip Edge	3.32	0.74
07 62 00 00-0055		**Galvanized Steel Fascia Panels** *(07 62 00 00-0048)*		
07 62 00 00-0056	LF	4" Girth, 24 Gauge Galvanized Steel Fascia Panels	8.50	2.07
07 62 00 00-0057	LF	6" Girth, 24 Gauge Galvanized Steel Fascia Panels	7.96	2.07
07 62 00 00-0058	LF	8" Girth, 24 Gauge Galvanized Steel Fascia Panels	9.26	2.07
07 62 00 00-0059	LF	10" Girth, 24 Gauge Galvanized Steel Fascia Panels	9.52	2.07

07 63 Sheet Metal Roofing Specialties *(07 60)*

07 63 00 00-0001 Pitch Pockets *(07 63)*

Note: Cut into deck, filled with non-shrink grout, includes blocking.

07 63 00 00-0002 24 Gauge Galvanized Sheet Metal, Filled Pitch Pockets *(07 63 00 00-0001)*

07 63 00 00-0003	EA	4" x 4" 24 Gauge Galvanized Sheet Metal, Filled Pitch Pockets	45.51
07 63 00 00-0004	EA	6" x 6" 24 Gauge Galvanized Sheet Metal, Filled Pitch Pockets	50.14
07 63 00 00-0005	EA	8" x 8" 24 Gauge Galvanized Sheet Metal, Filled Pitch Pockets	55.79
07 63 00 00-0006	EA	8" x 10" 24 Gauge Galvanized Sheet Metal, Filled Pitch Pockets	59.27
07 63 00 00-0007	EA	8" x 12" 24 Gauge Galvanized Sheet Metal, Filled Pitch Pockets	62.16
07 63 00 00-0008	SF	24 Gauge Galvanized Sheet Metal, Filled Pitch Pockets	65.59

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 63 00 00-0009		**16 Ounce Copper Sheet Metal, Filled Pitch Pockets** *(07 63 00 00-0001)*		
07 63 00 00-0010	EA	4" x 4" 16 Ounce Copper Sheet Metal, Filled Pitch Pockets	71.19	
07 63 00 00-0011	EA	6" x 6" 16 Ounce Copper Sheet Metal, Filled Pitch Pockets	80.07	
07 63 00 00-0012	EA	8" x 8" 16 Ounce Copper Sheet Metal, Filled Pitch Pockets	91.02	
07 63 00 00-0013	EA	8" x 10" 16 Ounce Copper Sheet Metal, Filled Pitch Pockets	97.76	
07 63 00 00-0014	EA	8" x 12" 16 Ounce Copper Sheet Metal, Filled Pitch Pockets	102.05	
07 63 00 00-0015	SF	16 Ounce Copper Sheet Metal, Filled Pitch Pockets	108.11	
07 63 00 00-0016		**24 Gauge Stainless Steel, Filled Pitch Pockets** *(07 63 00 00-0001)*		
07 63 00 00-0017	EA	4" x 4" 24 Gauge Stainless Steel, Filled Pitch Pockets	56.91	
07 63 00 00-0018	EA	6" x 6" 24 Gauge Stainless Steel, Filled Pitch Pockets	63.01	
07 63 00 00-0019	EA	8" x 8" 24 Gauge Stainless Steel, Filled Pitch Pockets	67.40	
07 63 00 00-0020	EA	8" x 10" 24 Gauge Stainless Steel, Filled Pitch Pockets	70.65	
07 63 00 00-0021	EA	8" x 12" 24 Gauge Stainless Steel, Filled Pitch Pockets	73.25	
07 63 00 00-0022	SF	24 Gauge Stainless Steel, Filled Pitch Pockets	75.92	
07 63 00 00-0023		**Repair Existing Pitch Pockets** *(07 63 00 00-0001)*		
07 63 00 00-0024	EA	Clean, Repair And Refill Existing Pitch Pockets	46.55	
07 63 00 00-0025		**Lead Pipe Flashing For Roofs** *(07 63)*		
		Note: Includes 6" skirt base.		
07 63 00 00-0026	EA	1-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3/4" Pipe	70.49	20.85
07 63 00 00-0027	EA	1-1/2" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 1" Pipe	70.49	20.85
07 63 00 00-0028	EA	2-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 2" Pipe	86.62	20.85
07 63 00 00-0029	EA	3-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3" Pipe	95.84	20.85
07 63 00 00-0030	EA	4-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3-1/2" Pipe	100.45	20.85
07 63 00 00-0031	EA	4-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 4" Pipe	102.76	20.85
07 63 00 00-0032	EA	6-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 6" Pipe	125.81	20.85
07 63 00 00-0033	EA	8-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 8" Pipe	136.18	20.85
07 63 00 00-0034		**Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing** *(07 63)*		
07 63 00 00-0035	EA	2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	47.34	13.48
07 63 00 00-0036	EA	3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	47.84	13.48
07 63 00 00-0037	EA	4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	49.60	13.48
07 63 00 00-0038	EA	6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	58.44	13.48

07 65 Flexible Flashing *(07 60)*

07 65 19 Plastic Sheet Flashing *(07 65)*

07 65 19 00-0001		**Plastic Flashing And Trim** *(07 65 19)*		
07 65 19 00-0002		**Neoprene Flashing** *(07 65 19 00-0001)*		
07 65 19 00-0003		**60 Mil Neoprene Flashing** *(07 65 19 00-0002)*		
07 65 19 00-0004	LF	6" Wide Strip, 60 Mil, Neoprene Flashing	5.58	1.89
07 65 19 00-0005	LF	12" Wide Strip, 60 Mil, Neoprene Flashing	7.20	2.03
07 65 19 00-0006	LF	18" Wide Strip, 60 Mil, Neoprene Flashing	9.04	2.23
07 65 19 00-0007	LF	24" Wide Strip, 60 Mil, Neoprene Flashing	10.99	2.51

07 65 33 Plastic Flashing *(07 65)*

07 65 33 00-0001		**Neoprene Roof Boot** *(07 65 33)*		
07 65 33 00-0002	EA	Neoprene Roof Boot For 2" Diameter Pipe	23.60	5.80
07 65 33 00-0003	EA	Neoprene Roof Boot For 3" Diameter Pipe	27.39	6.50
07 65 33 00-0004	EA	Neoprene Roof Boot For 4" Diameter Pipe	30.17	6.98

07 70 Roof And Wall Specialties And Accessories *(07)*

Note: Includes placement of materials on roof up to 2-1/2 stories.

07 71 Roof Specialties *(07 70)*

07 71 13 Manufactured Copings *(07 71)*

07 71 13 00-0001		**Remove And Reinstall Metal Coping** *(07 71 13)*		
07 71 13 00-0002	LF	Remove And Reinstall Metal Coping	5.77	

07 71 19 Manufactured Gravel Stops And Fascias *(07 71)*

07 71 19 00-0001		**Aluminum, Mill Finish, Set In Mastic** *(07 71 19)*		
07 71 19 00-0002	LF	0.032" Thick Aluminum Gravel Stop, 4" Face Height, Mill Finish	4.26	0.92
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*0.78*	
		For Painted Finish, Add	*0.56*	
07 71 19 00-0003	LF	0.040" Thick Aluminum Gravel Stop, 6" Face Height, Mill Finish	4.74	1.08
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*0.88*	
		For Painted Finish, Add	*0.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0004	LF	0.040" Thick Aluminum Gravel Stop, 8" Face Height, Mill Finish	5.47	1.25
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1.07*	
		For Painted Finish, Add	*0.78*	
07 71 19 00-0005	LF	0.040" Thick Aluminum Gravel Stop, 12" Face Height, Mill Finish	7.71	1.41
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1.64*	
		For Painted Finish, Add	*1.19*	
07 71 19 00-0006	LF	0.05" Thick Aluminum Gravel Stop, 4" Height, Mill Finish	5.05	1.33
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*0.79*	
		For Painted Finish, Add	*0.57*	
07 71 19 00-0007	LF	0.05" Thick Aluminum Gravel Stop, 6" Height, Mill Finish	5.83	1.49
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*0.94*	
		For Painted Finish, Add	*0.68*	
07 71 19 00-0008	LF	0.05" Thick Aluminum Gravel Stop, 8" Height, Mill Finish	6.77	1.66
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1.14*	
		For Painted Finish, Add	*0.83*	
07 71 19 00-0009	LF	0.05" Thick Aluminum Gravel Stop, 12" Height, Mill Finish	9.78	1.99
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1.91*	
		For Painted Finish, Add	*1.39*	
07 71 19 00-0010	LF	0.064" Thick Aluminum Gravel Stop, 4" Face Height, Mill Finish	6.88	1.91
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1.01*	
		For Painted Finish, Add	*0.73*	
07 71 19 00-0011	LF	0.064" Thick Aluminum Gravel Stop, 6" Face Height, Mill Finish	7.88	2.07
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1.23*	
		For Painted Finish, Add	*0.90*	
07 71 19 00-0012	LF	0.064" Thick Aluminum Gravel Stop, 8" Face Height, Mill Finish	9.20	2.29
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1.53*	
		For Painted Finish, Add	*1.11*	
07 71 19 00-0013	LF	0.064" Thick Aluminum Gravel Stop, 12" Face Height, Mill Finish	11.71	2.74
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*2.06*	
		For Painted Finish, Add	*1.50*	

07 71 19 00-0014 Stainless Steel *(07 71 19)*

07 71 19 00-0015	LF	24 Gauge, Stainless Steel Gravel Stop, 4" - 6" Height	14.67	2.49
07 71 19 00-0016	LF	24 Gauge, Stainless Steel Gravel Stop, 8" -10" Height	20.34	2.99
07 71 19 00-0017	LF	24 Gauge, Stainless Steel Gravel Stop, 12" Height	25.64	3.57
07 71 19 00-0018	LF	20 Gauge, Stainless Steel Gravel Stop, 4" - 6" Height	15.97	2.49
07 71 19 00-0019	LF	20 Gauge, Stainless Steel Gravel Stop, 8" -10" Height	22.67	2.99
07 71 19 00-0020	LF	20 Gauge, Stainless Steel Gravel Stop, 12" Height	29.03	3.57

07 71 19 00-0021 Galvanized Steel *(07 71 19)*

07 71 19 00-0022	LF	24 Gauge Galvanized Steel Gravel Stop, 4" Face, With Continuous Cleat	7.83	2.49
07 71 19 00-0023	LF	24 Gauge Galvanized Steel Gravel Stop, 6" Face, With Continuous Cleat	8.08	2.49

07 71 19 00-0024 Copper *(07 71 19)*

07 71 19 00-0025	LF	2-1/2" Face Copper Gravel Stop	10.44	1.99
07 71 19 00-0026	LF	4" Face Copper Gravel Stop	12.15	2.36
07 71 19 00-0027	LF	6" Face Copper Gravel Stop	14.36	2.88
07 71 19 00-0028	LF	8" Face Copper Gravel Stop	15.97	3.14
07 71 19 00-0029	LF	10" Face Copper Gravel Stop	17.46	3.57

07 71 19 00-0030 PVC *(07 71 19)*

07 71 19 00-0031	LF	PVC Gravel Stop, 6" Height	7.93	2.45
07 71 19 00-0032	LF	PVC Gravel Stop, 9" Height	9.32	2.85
07 71 19 00-0033	EA	PVC Downspout Clamps Up To 4"	9.44	2.03

07 71 23 Manufactured Gutters And Downspouts *(07 71)*

Note: Includes all necessary support straps.

07 71 23 00-0001 Aluminum Gutters And Downspouts *(07 71 23)*

07 71 23 00-0002 Aluminum Gutters *(07 71 23 00-0001)*

Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.

07 71 23 00-0003 K-Style Aluminum Gutters *(07 71 23 00-0002)*

07 71 23 00-0004	LF	5", 0.027" Thick, K-Style Aluminum Gutter	5.12	2.07
07 71 23 00-0005	LF	6", 0.027" Thick, K-Style Aluminum Gutter	5.58	2.07
07 71 23 00-0006	LF	5", 0.032" Thick, K-Style Aluminum Gutter	5.36	2.07
07 71 23 00-0007	LF	6", 0.032" Thick, K-Style Aluminum Gutter	5.88	2.07
07 71 23 00-0008	LF	7", 0.032" Thick, K-Style Aluminum Gutter	11.29	2.07
07 71 23 00-0009	LF	8", 0.032" Thick, K-Style Aluminum Gutter	12.02	2.07
07 71 23 00-0010	LF	8", 0.040" Thick, K-Style Aluminum Gutter	13.68	2.07

07 71 23 00-0011 Half Round Aluminum Gutters *(07 71 23 00-0002)*

07 71 23 00-0012	LF	5", 0.027" Thick, Half Round Aluminum Gutter	9.91	2.07
07 71 23 00-0013	LF	6", 0.032" Thick, Half Round Aluminum Gutter	11.86	2.07

07 71 23 00-0014 Box Style Aluminum Gutters *(07 71 23 00-0002)*

07 71 23 00-0015	LF	6", 0.027" Thick, Box Style Aluminum Gutter	9.44	2.07
07 71 23 00-0016	LF	6", 0.032" Thick, Box Style Aluminum Gutter	9.47	2.07
07 71 23 00-0017	LF	7", 0.032" Thick, Box Style Aluminum Gutter	10.95	2.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0018	LF	8", 0.032" Thick, Box Style Aluminum Gutter	12.28	2.07
07 71 23 00-0019		Aluminum Gutter End Caps *(07 71 23 00-0001)*		
07 71 23 00-0020		K-Style, Aluminum Gutter End Caps *(07 71 23 00-0019)*		
07 71 23 00-0021	EA	5", K-Style Aluminum Gutter End Cap	2.24	
07 71 23 00-0022	EA	6", K-Style Aluminum Gutter End Cap	2.71	
07 71 23 00-0023	EA	7", K-Style Aluminum Gutter End Cap	5.56	
07 71 23 00-0024	EA	8", K-Style Aluminum Gutter End Cap	6.43	
07 71 23 00-0025		Half Round, Aluminum Gutter End Caps *(07 71 23 00-0019)*		
07 71 23 00-0026	EA	5", Half Round Aluminum Gutter End Cap	3.43	
07 71 23 00-0027	EA	6", Half Round Aluminum Gutter End Cap	5.17	
07 71 23 00-0028		Box Style, Aluminum Gutter End Caps *(07 71 23 00-0019)*		
07 71 23 00-0029	EA	6", Box Style Aluminum Gutter End Cap	6.04	
07 71 23 00-0030	EA	7", Box Style Aluminum Gutter End Cap	6.54	
07 71 23 00-0031	EA	8", Box Style Aluminum Gutter End Cap	7.63	
07 71 23 00-0032		Aluminum Gutter Miters *(07 71 23 00-0001)* Note: Inside or outside miters.		
07 71 23 00-0033		K-Style, Aluminum Gutter Miters *(07 71 23 00-0032)*		
07 71 23 00-0034	EA	5", K-Style Aluminum Gutter Miter	7.47	
07 71 23 00-0035	EA	6", K-Style Aluminum Gutter Miter	10.80	
07 71 23 00-0036	EA	7", K-Style Aluminum Gutter Miter	40.91	
07 71 23 00-0037	EA	8", K-Style Aluminum Gutter Miter	44.29	
07 71 23 00-0038		Half Round, Aluminum Gutter Miters *(07 71 23 00-0032)*		
07 71 23 00-0039	EA	5", Half Round Aluminum Gutter Miter	15.85	
07 71 23 00-0040	EA	6", Half Round Aluminum Gutter Miter	26.73	
07 71 23 00-0041		Box Style, Aluminum Gutter Miters *(07 71 23 00-0032)*		
07 71 23 00-0042	EA	6", Box Style Aluminum Gutter Miter	32.69	
07 71 23 00-0043	EA	7", Box Style Aluminum Gutter Miter	50.42	
07 71 23 00-0044	EA	8", Box Style Aluminum Gutter Miter	54.63	
07 71 23 00-0045		Aluminum Gutter Wire Strainers *(07 71 23 00-0001)*		
07 71 23 00-0046	EA	3" Diameter, Round Aluminum Wire Strainer	8.78	2.07
07 71 23 00-0047	EA	4" Diameter, Round Aluminum Wire Strainer	12.53	2.07
07 71 23 00-0048		Aluminum Downspouts *(07 71 23 00-0001)* Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0049		Round Aluminum Downspouts *(07 71 23 00-0048)*		
07 71 23 00-0050	LF	3" Diameter, Round Aluminum Downspout	4.42	1.99
07 71 23 00-0051	LF	4" Diameter, Round Aluminum Downspout	4.96	1.99
07 71 23 00-0052		Rectangular Aluminum Downspouts *(07 71 23 00-0048)*		
07 71 23 00-0053	LF	2" x 3", Rectangular Aluminum Downspout	3.32	1.99
07 71 23 00-0054	LF	3" x 4", Rectangular Aluminum Downspout	3.99	1.99
07 71 23 00-0055	LF	4" x 5", Rectangular Aluminum Downspout	6.85	1.99
07 71 23 00-0056		Aluminum Devices *(07 71 23 00-0001)*		
07 71 23 00-0057	EA	Thru-Wall Aluminum Scupper Outlet	97.04	15.71
07 71 23 00-0058	EA	Aluminum Leader/Conductor Head	133.91	17.46
07 71 23 00-0059		Copper Gutters And Downspouts *(07 71 23)*		
07 71 23 00-0060		Copper Gutters *(07 71 23 00-0059)* Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0061		K-Style Copper Gutters *(07 71 23 00-0060)*		
07 71 23 00-0062	LF	4", 16 Ounce, K-Style Copper Gutter	13.15	2.07
07 71 23 00-0063	LF	5", 16 Ounce, K-Style Copper Gutter	19.21	2.07
07 71 23 00-0064	LF	6", 16 Ounce, K-Style Copper Gutter	23.08	2.07
07 71 23 00-0065	LF	5", 20 Ounce, K-Style Copper Gutter	24.87	2.07
07 71 23 00-0066	LF	6", 20 Ounce, K-Style Copper Gutter	31.09	2.07
07 71 23 00-0067	LF	7", 20 Ounce, K-Style Copper Gutter	36.12	2.07
07 71 23 00-0068	LF	8", 20 Ounce, K-Style Copper Gutter	39.85	2.07
07 71 23 00-0069		Half Round Copper Gutters *(07 71 23 00-0060)*		
07 71 23 00-0070	LF	5", 16 Ounce, Half Round Copper Gutter	16.26	2.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0071	LF	6", 16 Ounce, Half Round Copper Gutter	20.88	2.07
07 71 23 00-0072	LF	7", 16 Ounce, Half Round Copper Gutter	36.26	2.07
07 71 23 00-0073	LF	5", 20 Ounce, Half Round Copper Gutter	19.35	2.07
07 71 23 00-0074	LF	6", 20 Ounce, Half Round Copper Gutter	24.16	2.07
07 71 23 00-0075	LF	7", 20 Ounce, Half Round Copper Gutter	38.26	2.07
07 71 23 00-0076	LF	8", 20 Ounce, Half Round Copper Gutter	43.22	2.07

07 71 23 00-0077 Copper Gutter End Caps *(07 71 23 00-0059)*

07 71 23 00-0078 K-Style, Copper Gutter End Caps *(07 71 23 00-0077)*

07 71 23 00-0079	EA	4", K-Style Copper Gutter End Cap	5.00	
07 71 23 00-0080	EA	5", K-Style Copper Gutter End Cap	5.37	
07 71 23 00-0081	EA	6", K-Style Copper Gutter End Cap	5.74	
07 71 23 00-0082	EA	7", K-Style Copper Gutter End Cap	15.63	
07 71 23 00-0083	EA	8", K-Style Copper Gutter End Cap	19.10	

07 71 23 00-0084 Half Round, Copper Gutter End Caps *(07 71 23 00-0077)*

07 71 23 00-0085	EA	4", Half Round Copper Gutter End Cap	6.10	
07 71 23 00-0086	EA	5", Half Round Copper Gutter End Cap	6.88	
07 71 23 00-0087	EA	6", Half Round Copper Gutter End Cap	10.50	
07 71 23 00-0088	EA	7", Half Round Copper Gutter End Cap	32.04	
07 71 23 00-0089	EA	8", Half Round Copper Gutter End Cap	37.88	

07 71 23 00-0090 Copper Gutter Miters *(07 71 23 00-0059)*

Note: Inside or outside miters.

07 71 23 00-0091 K-Style, Copper Gutter Miters *(07 71 23 00-0090)*

07 71 23 00-0092	EA	4", K-Style Copper Gutter Miter	27.69	
07 71 23 00-0093	EA	5", K-Style Copper Gutter Miter	31.49	
07 71 23 00-0094	EA	6", K-Style Copper Gutter Miter	47.56	
07 71 23 00-0095	EA	7", K-Style Copper Gutter Miter	69.63	
07 71 23 00-0096	EA	8", K-Style Copper Gutter Miter	82.31	

07 71 23 00-0097 Half Round, Copper Gutter Miters *(07 71 23 00-0090)*

07 71 23 00-0098	EA	4", Half Round Copper Gutter Miter	46.56	
07 71 23 00-0099	EA	5", Half Round Copper Gutter Miter	41.95	
07 71 23 00-0100	EA	6", Half Round Copper Gutter Miter	62.70	
07 71 23 00-0101	EA	7", Half Round Copper Gutter Miter	75.51	
07 71 23 00-0102	EA	8", Half Round Copper Gutter Miter	89.91	

07 71 23 00-0103 Copper Gutter Wire Strainers *(07 71 23 00-0059)*

07 71 23 00-0104	EA	2" Diameter, Round Copper Wire Strainer	11.06	2.07
07 71 23 00-0105	EA	3" Diameter, Round Copper Wire Strainer	13.28	2.07
07 71 23 00-0106	EA	4" Diameter, Round Copper Wire Strainer	20.50	2.07
07 71 23 00-0107	EA	5" Diameter, Round Copper Wire Strainer	26.79	2.07
07 71 23 00-0108	EA	6" Diameter, Round Copper Wire Strainer	32.05	2.07

07 71 23 00-0109 Copper Downspouts *(07 71 23 00-0059)*

Note: Includes elbows, hangers and fasteners.

07 71 23 00-0110 Round Copper Downspouts *(07 71 23 00-0109)*

07 71 23 00-0111	LF	2" Diameter, 16 Ounce, Round Copper Downspout	21.29	1.99
07 71 23 00-0112	LF	3" Diameter, 16 Ounce, Round Copper Downspout	14.76	1.99
07 71 23 00-0113	LF	4" Diameter, 16 Ounce, Round Copper Downspout	18.66	1.99
07 71 23 00-0114	LF	5" Diameter, 16 Ounce, Round Copper Downspout	29.97	1.99
07 71 23 00-0115	LF	6" Diameter, 16 Ounce, Round Copper Downspout	38.60	1.99
07 71 23 00-0116	LF	3" Diameter, 20 Ounce, Round Copper Downspout	20.05	1.99
07 71 23 00-0117	LF	4" Diameter, 20 Ounce, Round Copper Downspout	26.08	1.99
07 71 23 00-0118	LF	5" Diameter, 20 Ounce, Round Copper Downspout	39.78	1.99

07 71 23 00-0119 Square Copper Downspouts *(07 71 23 00-0109)*

07 71 23 00-0120	LF	3" Diameter, 16 Ounce, Square Copper Downspout	10.15	1.99
07 71 23 00-0121	LF	4" Diameter, 16 Ounce, Square Copper Downspout	12.74	1.99
07 71 23 00-0122	LF	5" Diameter, 16 Ounce, Square Copper Downspout	18.34	1.99
07 71 23 00-0123	LF	3" Diameter, 20 Ounce, Square Copper Downspout	11.75	1.99
07 71 23 00-0124	LF	4" Diameter, 20 Ounce, Square Copper Downspout	14.99	1.99
07 71 23 00-0125	LF	5" Diameter, 20 Ounce, Square Copper Downspout	21.64	1.99

07 71 23 00-0126 Rectangular Copper Downspouts *(07 71 23 00-0109)*

07 71 23 00-0127	LF	2" x 3", 16 Ounce, Rectangular Copper Downspout	15.16	1.99
07 71 23 00-0128	LF	3" x 4", 16 Ounce, Rectangular Copper Downspout	19.24	1.99
07 71 23 00-0129	LF	4" x 5", 16 Ounce, Rectangular Copper Downspout	27.47	1.99
07 71 23 00-0130	LF	2" x 3", 20 Ounce, Rectangular Copper Downspout	17.70	1.99
07 71 23 00-0131	LF	3" x 4", 20 Ounce, Rectangular Copper Downspout	22.75	1.99
07 71 23 00-0132	LF	4" x 5", 20 Ounce, Rectangular Copper Downspout	32.77	1.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0133		**Copper Devices And Accessories** *(07 71 23 00-0059)*		
07 71 23 00-0134	EA	Thru-Wall Copper Scupper Outlet	161.34	15.71
07 71 23 00-0135	EA	Copper Leader/Conductor Head	242.35	17.46
07 71 23 00-0136	EA	Copper Eave Box	109.63	12.45
07 71 23 00-0137		**Galvanized Steel Gutters And Downspouts** *(07 71 23)*		
07 71 23 00-0138		**Galvanized Steel Gutters** *(07 71 23 00-0137)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0139		**K-Style Galvanized Steel Gutters** *(07 71 23 00-0138)*		
07 71 23 00-0140	LF	5", 26 Gauge, K-Style Galvanized Steel Gutter	6.16	2.07
07 71 23 00-0141	LF	6", 26 Gauge, K-Style Galvanized Steel Gutter	6.98	2.07
07 71 23 00-0142	LF	7", 26 Gauge, K-Style Galvanized Steel Gutter	16.56	2.07
07 71 23 00-0143	LF	8", 24 Gauge, K-Style Galvanized Steel Gutter	17.03	2.07
07 71 23 00-0144		**Half Round Galvanized Steel Gutters** *(07 71 23 00-0138)*		
07 71 23 00-0145	LF	5", 26 Gauge, Half Round Galvanized Steel Gutter	8.94	2.07
07 71 23 00-0146	LF	6", 26 Gauge, Half Round Galvanized Steel Gutter	11.08	2.07
07 71 23 00-0147	LF	7", 26 Gauge, Half Round Galvanized Steel Gutter	27.74	2.07
07 71 23 00-0148	LF	8", 26 Gauge, Half Round Galvanized Steel Gutter	29.24	2.07
07 71 23 00-0149		**Box Style Galvanized Steel Gutters** *(07 71 23 00-0138)*		
07 71 23 00-0150	LF	7", 26 Gauge, Box Style Galvanized Steel Gutter	17.63	2.07
07 71 23 00-0151	LF	8", 24 Gauge, Box Style Galvanized Steel Gutter	18.71	2.07
07 71 23 00-0152		**Galvanized Steel Gutter End Caps** *(07 71 23 00-0137)*		
07 71 23 00-0153		**K-Style, Galvanized Steel Gutter End Caps** *(07 71 23 00-0152)*		
07 71 23 00-0154	EA	5", K-Style Galvanized Steel Gutter End Cap	3.27	
07 71 23 00-0155	EA	6", K-Style Galvanized Steel Gutter End Cap	3.70	
07 71 23 00-0156	EA	7", K-Style Galvanized Steel Gutter End Cap	7.47	
07 71 23 00-0157	EA	8", K-Style Galvanized Steel Gutter End Cap	10.63	
07 71 23 00-0158		**Half Round, Galvanized Steel Gutter End Caps** *(07 71 23 00-0152)*		
07 71 23 00-0159	EA	5", Half Round Galvanized Steel Gutter End Cap	4.08	
07 71 23 00-0160	EA	6", Half Round Galvanized Steel Gutter End Cap	4.62	
07 71 23 00-0161	EA	7", Half Round Galvanized Steel Gutter End Cap	8.20	
07 71 23 00-0162	EA	8", Half Round Galvanized Steel Gutter End Cap	10.91	
07 71 23 00-0163		**Box Style, Galvanized Steel Gutter End Caps** *(07 71 23 00-0152)*		
07 71 23 00-0164	EA	7", Box Style Galvanized Steel Gutter End Cap	9.18	
07 71 23 00-0165	EA	8", Box Style Galvanized Steel Gutter End Cap	12.14	
07 71 23 00-0166		**Galvanized Steel Gutter Miters** *(07 71 23 00-0137)*		
		Note: Inside or outside miters.		
07 71 23 00-0167		**K-Style, Galvanized Steel Gutter Miters** *(07 71 23 00-0166)*		
07 71 23 00-0168	EA	5", K-Style Galvanized Steel Gutter Miter	13.86	
07 71 23 00-0169	EA	6", K-Style Galvanized Steel Gutter Miter	23.86	
07 71 23 00-0170	EA	7", K-Style Galvanized Steel Gutter Miter	39.76	
07 71 23 00-0171	EA	8", K-Style Galvanized Steel Gutter Miter	44.69	
07 71 23 00-0172		**Half Round, Galvanized Steel Gutter Miters** *(07 71 23 00-0166)*		
07 71 23 00-0173	EA	5", Half Round Galvanized Steel Gutter Miter	20.05	
07 71 23 00-0174	EA	6", Half Round Galvanized Steel Gutter Miter	22.49	
07 71 23 00-0175	EA	7", Half Round Galvanized Steel Gutter Miter	69.50	
07 71 23 00-0176	EA	8", Half Round Galvanized Steel Gutter Miter	73.20	
07 71 23 00-0177		**Box Style, Galvanized Steel Gutter Miters** *(07 71 23 00-0166)*		
07 71 23 00-0178	EA	7", Box Style Galvanized Steel Gutter Miter	42.22	
07 71 23 00-0179	EA	8", Box Style Galvanized Steel Gutter Miter	44.69	
07 71 23 00-0180		**Galvanized Steel Gutter Wire Strainers** *(07 71 23 00-0137)*		
07 71 23 00-0181	EA	3" Diameter, Round Galvanized Steel Wire Strainer	7.87	2.07
07 71 23 00-0182	EA	4" Diameter, Round Galvanized Steel Wire Strainer	10.89	2.07
07 71 23 00-0183		**Galvanized Steel Downspouts** *(07 71 23 00-0137)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0184		**Round Galvanized Steel Downspouts** *(07 71 23 00-0183)*		
07 71 23 00-0185	LF	3" Diameter, 26 Gauge, Round Galvanized Steel Downspout	4.12	1.99
07 71 23 00-0186	LF	4" Diameter, 26 Gauge, Round Galvanized Steel Downspout	4.96	1.99

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0187	LF	5" Diameter, 26 Gauge, Round Galvanized Steel Downspout	6.52	1.99
07 71 23 00-0188	LF	6" Diameter, 26 Gauge, Round Galvanized Steel Downspout	13.72	1.99
07 71 23 00-0189		Square Galvanized Steel Downspouts *(07 71 23 00-0183)*		
07 71 23 00-0190	LF	4" x 4", 26 Gauge, Square Galvanized Steel Downspout	4.59	1.99
07 71 23 00-0191	LF	5" x 5", 26 Gauge, Square Galvanized Steel Downspout	5.70	1.99
07 71 23 00-0192		Rectangular Galvanized Steel Downspouts *(07 71 23 00-0183)*		
07 71 23 00-0193	LF	2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout	4.18	1.99
07 71 23 00-0194	LF	3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout	5.16	1.99
07 71 23 00-0195	LF	4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout	9.02	1.99
07 71 23 00-0196		Galvanized Steel Devices *(07 71 23 00-0137)*		
07 71 23 00-0197	EA	Galvanized Steel Leader/Conductor Head	160.72	17.46
07 71 23 00-0198	EA	Thru-Wall Galvanized Steel Scupper Outlet	104.34	15.71
07 71 23 00-0199		Stainless Steel Gutters And Downspouts *(07 71 23)* Note: AISI type 304 stainless steel.		
07 71 23 00-0200		Stainless Steel Gutters *(07 71 23 00-0199)* Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0201		K-Style Stainless Steel Gutters *(07 71 23 00-0200)*		
07 71 23 00-0202	LF	5", 0.018" Thick, K-Style Stainless Steel Gutter	15.55	2.07
07 71 23 00-0203	LF	6", 0.018" Thick, K-Style Stainless Steel Gutter	18.57	2.07
07 71 23 00-0204		Half Round Stainless Steel Gutters *(07 71 23 00-0200)*		
07 71 23 00-0205	LF	5", 0.018" Thick, Half Round Stainless Steel Gutter	21.76	2.07
07 71 23 00-0206	LF	6", 0.018" Thick, Half Round Stainless Steel Gutter	26.30	2.07
07 71 23 00-0207		Stainless Steel Gutter End Caps *(07 71 23 00-0199)*		
07 71 23 00-0208		K-Style, Stainless Steel Gutter End Caps *(07 71 23 00-0207)*		
07 71 23 00-0209	EA	5", K-Style Stainless Steel Gutter End Cap	5.44	
07 71 23 00-0210	EA	6", K-Style Stainless Steel Gutter End Cap	6.20	
07 71 23 00-0211		Half Round, Stainless Steel Gutter End Caps *(07 71 23 00-0207)*		
07 71 23 00-0212	EA	5", Half Round Stainless Steel Gutter End Cap	6.39	
07 71 23 00-0213	EA	6", Half Round Stainless Steel Gutter End Cap	7.33	
07 71 23 00-0214		Stainless Steel Gutter Miters *(07 71 23 00-0199)* Note: Inside or outside box miters.		
07 71 23 00-0215		K-Style, Stainless Steel Gutter Miters *(07 71 23 00-0214)*		
07 71 23 00-0216	EA	5", K-Style Stainless Steel Gutter Miter	22.44	
07 71 23 00-0217	EA	6", K-Style Stainless Steel Gutter Miter	37.57	
07 71 23 00-0218		Half Round, Stainless Steel Gutter Miters *(07 71 23 00-0214)*		
07 71 23 00-0219	EA	5", Half Round Stainless Steel Gutter Miter	60.25	
07 71 23 00-0220	EA	6", Half Round Stainless Steel Gutter Miter	74.09	
07 71 23 00-0221		Stainless Steel Gutter Wire Strainers *(07 71 23 00-0199)*		
07 71 23 00-0222	EA	3" Diameter, Round Stainless Steel Wire Strainer	23.39	2.07
07 71 23 00-0223	EA	4" Diameter, Round Stainless Steel Wire Strainer	23.91	2.07
07 71 23 00-0224		Stainless Steel Downspouts *(07 71 23 00-0199)* Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0225		Round Stainless Steel Downspouts *(07 71 23 00-0224)*		
07 71 23 00-0226	LF	3" Diameter, 0.018" Thick, Round Stainless Steel Downspout	15.14	1.99
07 71 23 00-0227	LF	4" Diameter, 0.018" Thick, Round Stainless Steel Downspout	26.94	1.99
07 71 23 00-0228	LF	5" Diameter, 0.018" Thick, Round Stainless Steel Downspout	41.38	1.99
07 71 23 00-0229		Rectangular Stainless Steel Downspouts *(07 71 23 00-0224)*		
07 71 23 00-0230	LF	2" x 3", 0.018" Thick, Rectangular Stainless Steel Downspout	10.18	1.99
07 71 23 00-0231	LF	3" x 4", 0.018" Thick, Rectangular Stainless Steel Downspout	13.44	1.99
07 71 23 00-0232	LF	4" x 5", 0.018" Thick, Rectangular Stainless Steel Downspout	32.63	1.99
07 71 23 00-0233		Stainless Steel Devices *(07 71 23 00-0199)*		
07 71 23 00-0234	EA	Thru-Wall Stainless Steel Scupper Outlet	177.94	18.68
07 71 23 00-0235	EA	Stainless Steel Leader/Conductor Head	217.63	18.68

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0236		Vinyl Gutters And Downspouts *(07 71 23)*		
07 71 23 00-0237		Vinyl Gutters *(07 71 23 00-0236)* Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0238		K-Style Vinyl Gutters *(07 71 23 00-0237)*		
07 71 23 00-0239	LF	4", K-Style Vinyl Gutter	6.66	2.07
07 71 23 00-0240	LF	5", K-Style Vinyl Gutter	8.31	2.07
07 71 23 00-0241		Half Round Vinyl Gutters *(07 71 23 00-0237)*		
07 71 23 00-0242	LF	4", Half Round Vinyl Gutter	6.85	2.07
07 71 23 00-0243	LF	5", Half Round Vinyl Gutter	7.15	2.07
07 71 23 00-0244		Vinyl Gutter End Caps *(07 71 23 00-0236)*		
07 71 23 00-0245		K-Style, Vinyl Gutter End Caps *(07 71 23 00-0244)*		
07 71 23 00-0246	EA	4", K-Style Vinyl Gutter End Cap	3.98	
07 71 23 00-0247	EA	5", K-Style Vinyl Gutter End Cap	5.35	
07 71 23 00-0248		Half Round, Vinyl Gutter End Caps *(07 71 23 00-0244)*		
07 71 23 00-0249	EA	4", Half Round Vinyl Gutter End Cap	4.49	
07 71 23 00-0250	EA	5", Half Round Vinyl Gutter End Cap	4.26	
07 71 23 00-0251		Vinyl Gutter Miters *(07 71 23 00-0236)* Note: Inside or outside miters.		
07 71 23 00-0252		K-Style, Vinyl Gutter Miters *(07 71 23 00-0251)*		
07 71 23 00-0253	EA	4", K-Style Vinyl Gutter Miter	9.59	
07 71 23 00-0254	EA	5", K-Style Vinyl Gutter Miter	14.00	
07 71 23 00-0255		Half Round, Vinyl Gutter Miters *(07 71 23 00-0251)*		
07 71 23 00-0256	EA	4", Half Round Vinyl Gutter Miter	9.59	
07 71 23 00-0257	EA	5", Half Round Vinyl Gutter Miter	10.35	
07 71 23 00-0258		Vinyl Downspouts *(07 71 23 00-0236)* Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0259		Round Vinyl Downspouts *(07 71 23 00-0258)*		
07 71 23 00-0260	LF	2-1/2" Diameter, Round Vinyl Downspout	4.34	1.99
07 71 23 00-0261	LF	3" Diameter, Round Vinyl Downspout	4.50	1.99
07 71 23 00-0262		Square Vinyl Downspouts *(07 71 23 00-0258)*		
07 71 23 00-0263	LF	2-1/2", Square Vinyl Downspout	4.27	1.99
07 71 23 00-0264		Rectangular Vinyl Downspouts *(07 71 23 00-0258)*		
07 71 23 00-0265	LF	2" x 3", Rectangular Vinyl Downspout	5.30	1.99
07 71 23 00-0266		Gutter And Downspout Boot *(07 71 23)*		
07 71 23 00-0267		Cast Iron Roof Drainage Downspout Boots *(07 71 23 00-0266)*		
07 71 23 00-0268	EA	2" x 3" Cast Iron Roof Drainage Downspout Boot	230.75	2.99
07 71 23 00-0269	EA	3" x 4" Cast Iron Roof Drainage Downspout Boot	250.55	2.99
07 71 23 00-0270	EA	4" x 5" Cast Iron Roof Drainage Downspout Boot	298.60	2.99
07 71 23 00-0271		Leaf Guards And Cleaning *(07 71 23)*		
07 71 23 00-0272	LF	Aluminum Mesh Gutter Leaf Guard	1.84	0.65
07 71 23 00-0273	LF	Vinyl Mesh Gutter Leaf Guard	1.87	0.65
07 71 23 00-0274	LF	6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	10.96	0.81
07 71 23 00-0275	LF	9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	15.63	0.81
07 71 23 00-0276	LF	6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	8.34	0.81
07 71 23 00-0277	LF	9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	12.82	0.81
07 71 23 00-0278	EA	Cleanout Roof Drain Note: Includes removing dome and flushing.	100.69	
07 71 23 00-0279	LF	Clean Gutters And Downspouts	1.28	
07 71 26		**Reglets** *(07 71)*		
07 71 26 00-0001		Reglet With Counter Flashing *(07 71 26)* Note: Includes reglet cut.		
07 71 26 00-0002	LF	0.025" Thick, Aluminum Reglet With Counter Flashing Up To 12" Wide	9.83	1.74
07 71 26 00-0003	LF	10 Ounce Copper Reglet With Counter Flashing Up To 12" Wide	12.72	1.74
07 71 26 00-0004	LF	16 Ounce Copper Reglet With Counter Flashing Up To 12" Wide	13.95	1.74
07 71 26 00-0005	LF	28 Gauge Galvanized Steel Reglet With Counter Flashing Up To 12" Wide	9.59	1.66

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 26 00-0006	LF	26 Gauge Galvanized Steel Reglet With Counter Flashing Up To 12" Wide	9.83	1.66
07 71 26 00-0007	LF	24 Gauge Galvanized Steel Reglet With Counter Flashing Up To 12" Wide	10.05	1.74
07 71 26 00-0008	LF	22 Gauge Galvanized Steel Reglet With Counter Flashing Up To 12" Wide	10.28	1.74
07 71 26 00-0009	LF	20 Gauge Galvanized Steel Reglet With Counter Flashing Up To 12" Wide	10.52	1.66
07 71 26 00-0010	LF	18 Gauge Galvanized Steel Reglet With Counter Flashing Up To 12" Wide	10.83	1.74
07 71 26 00-0011	LF	24 Gauge Stainless Steel Reglet With Counter Flashing Up To 12" Wide	13.63	1.66
07 71 26 00-0012	LF	20 Gauge Stainless Steel Reglet With Counter Flashing Up To 12" Wide	14.73	1.66
07 71 26 00-0013	LF	20 Ounce Zinc And Copper Reglet With Counter Flashing Up To 12" Wide	15.66	1.66

07 72 Roof Accessories *(07 70)*

07 72 13 Manufactured Curbs *(07 72)*

07 72 13 00-0001 Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13)*

07 72 13 00-0002 Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0001)*

Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.

07 72 13 00-0003 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)*

07 72 13 00-0004 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

07 72 13 00-0005	EA	26" x 26" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	296.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*51.48*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0006	EA	26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	302.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.46*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*52.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*32.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.05*	
07 72 13 00-0007	EA	26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	324.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0008	EA	26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	347.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*60.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*58.60*	
07 72 13 00-0009	EA	26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	364.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*64.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0010	EA	26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	451.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*80.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*74.95*	
07 72 13 00-0011	EA	38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	304.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*53.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*5.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.25*	
07 72 13 00-0012	EA	38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	325.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*48.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.30*	
07 72 13 00-0013	EA	38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	338.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*58.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0014	EA	38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	343.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.63*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*59.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0015	EA	38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	435.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*77.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0016	EA	38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	476.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*84.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*75.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*99.70*	
07 72 13 00-0017	EA	50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	371.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*65.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0018	EA	50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	403.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*71.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*50.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.75*	
07 72 13 00-0019	EA	50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	414.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*73.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0020	EA	50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	455.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.87*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*80.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*13.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*90.50*	
07 72 13 00-0021	EA	51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	486.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*85.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0022	EA	51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	526.15	126.08
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*92.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*81.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*115.60*	
07 72 13 00-0023	EA	62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	414.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*73.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0024	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	444.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*78.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	
07 72 13 00-0025	EA	62" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	485.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*85.51*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.30*	
07 72 13 00-0026	EA	62" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	495.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*87.51*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	
07 72 13 00-0027	EA	62" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	537.15	126.08
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.11*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*94.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*73.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.10*	

07 72 13 00-0028 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

07 72 13 00-0029	EA	26" x 26" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	309.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0030	EA	26" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	312.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.46*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*32.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0031	EA	26" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	334.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*58.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0032	EA	26" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	360.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*58.60*	
07 72 13 00-0033	EA	26" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	379.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*67.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0034	EA	26" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	463.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*83.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*74.95*	
07 72 13 00-0035	EA	38" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	313.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.56*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*5.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.25*	
07 72 13 00-0036	EA	38" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	352.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*48.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.30*	
07 72 13 00-0037	EA	38" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	372.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*65.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0038	EA	38" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	395.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*70.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0039	EA	38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	451.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*80.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0040	EA	38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	496.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*88.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*75.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*99.70*	
07 72 13 00-0041	EA	50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	383.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.63*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*67.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0042	EA	50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	413.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*73.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*50.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.75*	
07 72 13 00-0043	EA	50" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	429.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*76.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0044	EA	50" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	471.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*83.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*13.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*90.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0045	EA	51" x 99" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	505.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*89.51*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0046	EA	51" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	548.15	126.08
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*42.21*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*97.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*81.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*115.60*	
07 72 13 00-0047	EA	62" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	429.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*76.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0048	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	460.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*81.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	
07 72 13 00-0049	EA	62" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	502.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*88.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.30*	
07 72 13 00-0050	EA	62" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	515.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*91.51*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	
07 72 13 00-0051	EA	62" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	559.15	126.08
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*99.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*73.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.10*	

07 72 13 00-0052 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

07 72 13 00-0053	EA	26" x 26" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	316.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*55.48*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0054	EA	26" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	319.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*32.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.05*	
07 72 13 00-0055	EA	26" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	339.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*59.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0056	EA	26" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	368.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*64.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*58.60*	
07 72 13 00-0057	EA	26" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	390.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*69.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0058	EA	26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	477.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*85.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*74.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0059	EA	38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	319.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*5.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.25*	
07 72 13 00-0060	EA	38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	339.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*59.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*48.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.30*	
07 72 13 00-0061	EA	38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	390.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*69.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0062	EA	38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	414.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*74.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0063	EA	38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	463.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*83.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0064	EA	38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	509.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.27*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*91.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*75.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*99.70*	
07 72 13 00-0065	EA	50" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	391.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*69.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0066	EA	50" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	424.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*75.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*50.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.75*	
07 72 13 00-0067	EA	50" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	439.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*78.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0068	EA	50" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	483.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.67*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*86.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*13.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*90.50*	
07 72 13 00-0069	EA	51" x 99" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	517.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*91.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0070	EA	51" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	562.15	126.08
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.61*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*99.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*81.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*115.60*	
07 72 13 00-0071	EA	62" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	439.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*78.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0072	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	471.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*83.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0073	EA	62" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	515.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*91.51*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.30*	
07 72 13 00-0074	EA	62" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	528.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.24*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*94.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	
07 72 13 00-0075	EA	62" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	574.15	126.08
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*102.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*73.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.10*	
07 72 13 00-0076		14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)*		
07 72 13 00-0077		9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*		
07 72 13 00-0078	EA	26" x 26" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	285.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*20.76*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*49.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0079	EA	26" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	298.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*51.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*32.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.05*	
07 72 13 00-0080	EA	26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	342.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*59.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0081	EA	26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	372.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*65.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*58.60*	
07 72 13 00-0082	EA	26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	394.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*70.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0083	EA	26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	493.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*89.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*74.95*	
07 72 13 00-0084	EA	38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	322.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.46*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*5.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.25*	
07 72 13 00-0085	EA	38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	350.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*48.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.30*	
07 72 13 00-0086	EA	38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	360.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0087	EA	38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	369.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*65.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0088	EA	38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	469.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*84.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0089	EA	38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	516.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*92.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*75.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*99.70*	
07 72 13 00-0090	EA	50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	395.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*70.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0091	EA	50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	428.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*76.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*50.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.75*	
07 72 13 00-0092	EA	50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	444.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*79.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0093	EA	50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	489.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.27*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*87.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*13.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*90.50*	
07 72 13 00-0094	EA	51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	523.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.74*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*93.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0095	EA	51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	569.15	126.08
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*101.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*81.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*115.60*	
07 72 13 00-0096	EA	62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	444.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*79.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0097	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	476.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*84.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	
07 72 13 00-0098	EA	62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	521.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.54*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*92.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.30*	
07 72 13 00-0099	EA	62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	535.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*95.51*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	
07 72 13 00-0100	EA	62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	582.15	126.08
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.61*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*103.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*73.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.10*	

07 72 13 00-0101 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

07 72 13 00-0102	EA	26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	294.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*51.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0103	EA	26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	309.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*32.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0104	EA	26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	357.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*62.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0105	EA	26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	390.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*69.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*58.60*	
07 72 13 00-0106	EA	26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	417.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*74.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0107	EA	26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	497.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*89.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*74.95*	
07 72 13 00-0108	EA	38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	335.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.76*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*59.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*5.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.25*	
07 72 13 00-0109	EA	38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	366.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*64.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*48.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.30*	
07 72 13 00-0110	EA	38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	379.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*67.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0111	EA	38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	391.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*69.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0112	EA	38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	493.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*89.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0113	EA	38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	545.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.87*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*98.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*75.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*99.70*	
07 72 13 00-0114	EA	50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	413.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.63*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*73.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0115	EA	50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	448.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*80.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*50.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.75*	
07 72 13 00-0116	EA	50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	467.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*83.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0117	EA	50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	513.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.67*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*92.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*13.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*90.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0118	EA	51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	551.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.54*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*98.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0119	EA	51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	601.15	126.08
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*107.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*81.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*115.60*	
07 72 13 00-0120	EA	62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	467.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*83.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0121	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	502.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*89.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	
07 72 13 00-0122	EA	62" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	549.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*98.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.30*	
07 72 13 00-0123	EA	62" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	564.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*101.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	
07 72 13 00-0124	EA	62" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	616.15	126.08
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*49.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*110.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*73.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.10*	
07 72 13 00-0125		14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*		
07 72 13 00-0126	EA	26" x 26" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	301.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.36*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*52.48*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0127	EA	26" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	317.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.96*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*55.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*32.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.05*	
07 72 13 00-0128	EA	26" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	366.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*64.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0129	EA	26" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	402.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*71.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*58.60*	
07 72 13 00-0130	EA	26" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	432.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*77.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0131	EA	26" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	529.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*96.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*74.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0132	EA	38" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	345.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.76*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*5.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.25*	
07 72 13 00-0133	EA	38" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	383.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.63*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*67.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*48.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.30*	
07 72 13 00-0134	EA	38" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	401.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*71.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0135	EA	38" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	405.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*72.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0136	EA	38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	511.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*92.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0137	EA	38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	565.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.87*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*102.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*75.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*99.70*	
07 72 13 00-0138	EA	50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	425.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*76.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0139	EA	50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	461.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*82.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*50.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.75*	
07 72 13 00-0140	EA	50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	482.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*86.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0141	EA	50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	531.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*42.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*95.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*13.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*90.50*	
07 72 13 00-0142	EA	51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	569.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*102.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0143	EA	51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	623.15	126.08
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*49.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*112.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*81.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*115.60*	
07 72 13 00-0144	EA	62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	482.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*86.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0145	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	520.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*93.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0146	EA	62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	566.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*101.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.30*	
07 72 13 00-0147	EA	62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	584.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*46.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*105.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	
07 72 13 00-0148	EA	62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	638.15	126.08
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*51.21*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*115.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*73.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.10*	

07 72 13 00-0149 Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0001)*

Note: Includes 1" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction and installation clips.

07 72 13 00-0150 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

07 72 13 00-0151	EA	14-1/2" To 23" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	342.81	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*60.80*	
07 72 13 00-0152	EA	23-1/2" To 32" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	426.11	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.85*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*77.46*	
07 72 13 00-0153	EA	32-1/2" To 41" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	491.83	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*89.64*	
07 72 13 00-0154	EA	41" To 49-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	558.35	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.11*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*102.94*	
07 72 13 00-0155	EA	50" To 58-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	616.41	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*51.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*113.58*	

07 72 13 00-0156 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

07 72 13 00-0157	EA	14-1/2" To 23" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	464.78	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.72*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*85.20*	
07 72 13 00-0158	EA	23-1/2" To 32" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	577.83	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*50.02*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*107.81*	
07 72 13 00-0159	EA	32-1/2" To 41" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	600.42	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*51.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*111.36*	
07 72 13 00-0160	EA	41" To 49-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	642.92	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*55.56*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*119.86*	
07 72 13 00-0161	EA	50" To 58-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	721.81	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.48*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*134.66*	
07 72 13 00-0162	EA	64" To 72-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	904.84	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.82*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*170.30*	

07 72 13 00-0163 18" To 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

07 72 13 00-0164	EA	17-1/2" To 22" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	665.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*58.76*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*125.28*	
07 72 13 00-0165	EA	24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	780.77	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*148.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0166	EA	31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	937.45	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.02*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*178.76*	

07 72 13 00-0167 Wood, Prefabricated Roof Curbs *(07 72 13)*

Note: Includes douglas fir construction, galvanized steel corner straps and installation clips. Includes 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.

07 72 13 00-0168 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0167)*

07 72 13 00-0169 2 x 6 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

07 72 13 00-0170	EA	26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	236.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*15.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*39.48*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0171	EA	26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	261.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*17.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*43.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0172	EA	26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	287.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*20.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*48.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0173	EA	38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	284.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*19.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*48.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0174	EA	38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	291.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*20.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*49.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0175	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	327.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*55.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0176	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	289.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*20.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*49.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0177	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	336.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*57.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0178	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	375.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.51*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0179	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	318.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0180	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	350.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*59.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	
07 72 13 00-0181	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	395.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*67.51*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	

07 72 13 00-0182 2 x 8 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0183	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	242.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*16.46*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*40.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0184	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	268.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*18.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*44.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0185	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	306.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*52.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0186	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	296.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*20.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*50.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0187	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	306.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*52.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0188	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	342.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*58.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0189	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	300.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*51.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0190	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	350.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*60.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0191	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	389.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*66.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0192	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	329.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0193	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	363.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.67*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*62.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	
07 72 13 00-0194	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	409.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*70.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	

07 72 13 00-0195 2 x 10 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

07 72 13 00-0196	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	246.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*16.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*41.48*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0197	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	275.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*18.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*46.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0198	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	308.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*52.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0199	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	303.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.63*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*51.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0200	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	315.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0201	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	352.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*60.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0202	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	307.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*52.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0203	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	359.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*62.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0204	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	398.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.24*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*68.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0205	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	336.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*57.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0206	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	371.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	
07 72 13 00-0207	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	419.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*72.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	

07 72 13 00-0208 2 x 12 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

07 72 13 00-0209	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	251.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*17.36*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*42.48*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0210	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	279.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*19.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*47.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0211	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	317.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0212	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	325.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0213	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	363.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0214	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	316.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0215	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	369.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*64.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0216	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	410.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*70.51*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0217	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	379.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.27*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*65.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	

07 72 13 00-0218 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0167)*

07 72 13 00-0219 2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*

07 72 13 00-0220	EA	26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	244.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*16.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*41.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0221	EA	26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	268.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*18.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*44.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0222	EA	26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	300.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*51.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0223	EA	38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	293.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*20.63*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*49.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0224	EA	38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	302.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*51.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0225	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	339.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*58.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0226	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	298.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*50.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0227	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	347.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*59.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0228	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	386.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*65.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0229	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	330.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0230	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	361.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	
07 72 13 00-0231	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	409.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*70.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	

07 72 13 00-0232 2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*

07 72 13 00-0233	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	251.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*17.36*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*42.48*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0234	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	276.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*18.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*46.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0235	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	312.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*53.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0236	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	305.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*52.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0237	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	318.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0238	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	357.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0239	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	312.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*53.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0240	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	364.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0241	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	405.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*69.51*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0242	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	343.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*59.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0243	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	376.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*64.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0244	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	426.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*73.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	

07 72 13 00-0245 2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*

07 72 13 00-0246	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	257.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*17.96*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*43.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0247	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	284.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*19.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*48.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0248	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	324.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0249	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	314.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0250	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	330.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*57.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0251	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	370.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*64.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0252	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	321.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*55.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0253	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	375.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*65.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0254	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	417.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*71.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0255	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	353.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0256	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	387.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.07*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*66.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	
07 72 13 00-0257	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	439.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*76.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	

07 72 13 00-0258 2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*

07 72 13 00-0259	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	269.17	77.59
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*19.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*46.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0260	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	290.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*20.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*49.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0261	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	333.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.63*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*57.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0262	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	340.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*59.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0263	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	408.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*72.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0264	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	350.57	87.28
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0265	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	410.96	96.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*72.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0266	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	457.76	116.38
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*79.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0267	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	424.36	106.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*74.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	

07 72 23 Relief Vents *(07 72)*

07 72 23 00-0001 Wind Driven Turbine Ventilators *(07 72 23)*

Note: Excludes curb or flange base.

07 72 23 00-0002 Galvanized Steel, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

07 72 23 00-0003	EA	6" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	90.93	23.24
		For Curb Or Flange Base, Add	*108.16*	
07 72 23 00-0004	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	108.44	25.73
		For Curb Or Flange Base, Add	*119.33*	
07 72 23 00-0005	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	118.35	30.71
		For Curb Or Flange Base, Add	*134.56*	
07 72 23 00-0006	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	216.67	34.04
		For Curb Or Flange Base, Add	*203.92*	
07 72 23 00-0007	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	294.82	38.18
		For Curb Or Flange Base, Add	*221.84*	
07 72 23 00-0008	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	353.66	41.50
		For Curb Or Flange Base, Add	*240.51*	
07 72 23 00-0009	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	449.23	46.48
		For Curb Or Flange Base, Add	*291.41*	
07 72 23 00-0010	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	736.20	62.25
		For Curb Or Flange Base, Add	*467.04*	

07 72 23 00-0011 Mill Finish Aluminum, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

07 72 23 00-0012	EA	6" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	94.57	23.24
		For Curb Or Flange Base, Add	*117.30*	
07 72 23 00-0013	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	117.11	25.73
		For Curb Or Flange Base, Add	*129.47*	
07 72 23 00-0014	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	131.74	30.71
		For Curb Or Flange Base, Add	*144.87*	
07 72 23 00-0015	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	228.63	34.04
		For Curb Or Flange Base, Add	*237.50*	
07 72 23 00-0016	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	293.39	38.18
		For Curb Or Flange Base, Add	*254.73*	
07 72 23 00-0017	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	369.13	41.50
		For Curb Or Flange Base, Add	*285.99*	
07 72 23 00-0018	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	495.89	46.48
		For Curb Or Flange Base, Add	*343.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23 00-0019	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	736.68	62.25
		For Curb Or Flange Base, Add	*512.64*	

07 72 23 00-0020 Stationary Siphon Ventilators *(07 72 23)*

Note: Excludes curb or flange base.

07 72 23 00-0021 Galvanized Steel, Stationary Siphon Ventilators *(07 72 23 00-0020)*

07 72 23 00-0022	EA	6" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	78.26	23.24
		For Curb Or Flange Base, Add	*108.16*	
07 72 23 00-0023	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	101.19	25.73
		For Curb Or Flange Base, Add	*119.33*	
07 72 23 00-0024	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	112.41	30.71
		For Curb Or Flange Base, Add	*134.56*	
07 72 23 00-0025	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	184.14	34.04
		For Curb Or Flange Base, Add	*203.92*	
07 72 23 00-0026	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	212.50	38.18
		For Curb Or Flange Base, Add	*221.84*	
07 72 23 00-0027	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	295.48	41.50
		For Curb Or Flange Base, Add	*240.51*	
07 72 23 00-0028	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	381.81	46.48
		For Curb Or Flange Base, Add	*291.41*	
07 72 23 00-0029	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	551.23	62.25
		For Curb Or Flange Base, Add	*467.04*	

07 72 23 00-0030 Mill Finish Aluminum, Stationary Siphon Ventilators *(07 72 23 00-0020)*

07 72 23 00-0031	EA	6" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	91.16	23.24
		For Curb Or Flange Base, Add	*117.30*	
07 72 23 00-0032	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	119.14	25.73
		For Curb Or Flange Base, Add	*129.47*	
07 72 23 00-0033	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	133.45	30.71
		For Curb Or Flange Base, Add	*144.87*	
07 72 23 00-0034	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	212.58	34.04
		For Curb Or Flange Base, Add	*237.50*	
07 72 23 00-0035	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	266.13	38.18
		For Curb Or Flange Base, Add	*254.73*	
07 72 23 00-0036	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	324.82	41.50
		For Curb Or Flange Base, Add	*285.99*	
07 72 23 00-0037	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	461.82	46.48
		For Curb Or Flange Base, Add	*343.67*	
07 72 23 00-0038	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	693.12	62.25
		For Curb Or Flange Base, Add	*512.64*	

07 72 23 00-0039 Spun Aluminum, Stationary Mushroom Gravity Ventilators *(07 72 23)*

Note: Includes flange base and bird screen. Excludes curb.

07 72 23 00-0040	EA	8" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	190.70	37.35
		For Backdraft Damper, Add	*92.55*	
		For Curb Base, Add	*144.57*	
07 72 23 00-0041	EA	10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	233.32	41.50
		For Backdraft Damper, Add	*101.26*	
		For Curb Base, Add	*158.23*	
07 72 23 00-0042	EA	12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	264.96	49.80
		For Backdraft Damper, Add	*138.28*	
		For Curb Base, Add	*200.10*	
07 72 23 00-0043	EA	16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	320.98	54.78
		For Backdraft Damper, Add	*157.88*	
		For Curb Base, Add	*231.34*	
07 72 23 00-0044	EA	24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	828.08	74.70
		For Backdraft Damper, Add	*198.17*	
		For Curb Base, Add	*305.06*	
07 72 23 00-0045	EA	30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,009.57	86.32
		For Backdraft Damper, Add	*234.10*	
		For Curb Base, Add	*364.13*	
07 72 23 00-0046	EA	36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,369.43	99.60
		For Backdraft Damper, Add	*234.10*	
		For Curb Base, Add	*380.61*	
07 72 23 00-0047	EA	42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,913.91	107.91
		For Backdraft Damper, Add	*244.99*	
		For Curb Base, Add	*395.27*	
07 72 23 00-0048	EA	48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	2,740.42	116.20
		For Backdraft Damper, Add	*272.21*	
		For Curb Base, Add	*443.68*	

07 72 23 00-0049 Galvanized Steel, Stationary Gooseneck Ventilators *(07 72 23)*

Note: Includes flange base and bird screen. Excludes curb.

07 72 23 00-0050	EA	8" x 8", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	315.93	41.50
07 72 23 00-0051	EA	12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	374.15	54.78
07 72 23 00-0052	EA	16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	536.27	74.70
07 72 23 00-0053	EA	24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	814.99	86.32

07 72 26 Ridge Vents *(07 72)*

07 72 26 00-0001 Aluminum Ridge Vents *(07 72 26)*

07 72 26 00-0002	LF	Aluminum Ridge Vent Strips	7.27	2.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 26 00-0003	EA	Aluminum Ridge Univent Connectors	35.28	14.94
07 72 26 00-0004	EA	Aluminum Ridge Univent End Cap	34.13	14.94
07 72 26 00-0005		Galvanized Ridge Vents *(07 72 26)*		
07 72 26 00-0006	LF	Galvanized Sheet Metal Ridge Vent Strips	8.40	2.58

07 72 33 Roof Hatches *(07 72)*

Note: Includes curb with integral insulation, lockable hatch and gaskets.

07 72 33 00-0001		Galvanized Steel Cover And Curb *(07 72 33)*		
07 72 33 00-0002	EA	2'-6" x 3'-0" Galvanized Steel Roof Hatch (Bilco S-20)	806.78	107.92
07 72 33 00-0003	EA	2'-6" x 4'-6" Galvanized Steel Roof Hatch (Bilco NB-20)	1,171.18	119.92
07 72 33 00-0004	EA	2'-6" x 8'-0" Galvanized Steel Roof Hatch (Bilco L-20)	2,052.15	163.54
07 72 33 00-0005	EA	3'-0" x 3'-0" Galvanized Steel Roof Hatch (Bilco E-20)	1,152.06	119.92
07 72 33 00-0006	EA	4'-0" x 4'-0" Galvanized Steel Roof Hatch	1,299.36	133.26
07 72 33 00-0007	EA	3'-0" x 8'-0" Galvanized Steel Roof Hatch	2,120.12	181.76
07 72 33 00-0008		Aluminum Cover And Curb *(07 72 33)*		
07 72 33 00-0009	EA	2'-6" x 3'-0" Aluminum Roof Hatch (Bilco S-50)	980.88	107.92
07 72 33 00-0010	EA	2'-6" x 4'-6" Aluminum Roof Hatch (Bilco NB-50)	1,282.21	119.92
07 72 33 00-0011	EA	2'-6" x 8'-0" Aluminum Roof Hatch (Bilco L-50)	2,350.14	163.54
07 72 33 00-0012	EA	3'-0" x 3'-0" Aluminum Roof Hatch (Bilco E-50)	1,256.70	119.92
07 72 33 00-0013	EA	4'-0" x 4'-0" Aluminum Roof Hatch (Bilco F-50)	2,267.17	133.26
07 72 33 00-0014	EA	3'-0" x 8'-0" Aluminum Roof Hatch	2,479.16	181.76
07 72 33 00-0015	EA	3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight (Bilco GS-50)	1,415.28	119.92
07 72 33 00-0016		Steel, Plain, Primed *(07 72 33)*		
07 72 33 00-0017	EA	2'-6" x 3'-0" Plain Steel Roof Hatch Primed (Bilco S-20)	775.12	107.92
07 72 33 00-0018	EA	2'-6" x 4'-6" Plain Steel Roof Hatch Primed (Bilco NB-20)	1,039.66	119.92
07 72 33 00-0019	EA	2'-6" x 8'-0" Plain Steel Roof Hatch Primed (Bilco L-20)	1,424.03	163.54
07 72 33 00-0020	EA	3'-0" x 3'-0" Plain Steel Roof Hatch Primed (Bilco E-20)	965.08	119.92
07 72 33 00-0021	EA	4'-0" x 4'-0" Plain Steel Roof Hatch Primed	1,178.74	133.26
07 72 33 00-0022	EA	3'-0" x 8'-0" Plain Steel Roof Hatch Primed	1,601.43	181.76
07 72 33 00-0023		Stainless Steel *(07 72 33)*		
07 72 33 00-0024	EA	2'-6" x 3'-0" Stainless Steel Roof Hatch (Bilco S-90)	1,892.01	107.92
07 72 33 00-0025	EA	2'-6" x 4'-6" Stainless Steel Roof Hatch (Bilco NB-90)	3,614.16	119.92
07 72 33 00-0026	EA	2'-6" x 8'-0" Stainless Steel Roof Hatch (Bilco L-90)	5,433.66	163.54
07 72 33 00-0027	EA	3'-0" x 3'-0" Stainless Steel Roof Hatch (Bilco E-90)	2,901.67	119.92
07 72 33 00-0028	EA	4'-0" x 4'-0" Stainless Steel Roof Hatch	6,124.35	133.26
07 72 33 00-0029	EA	3'-0" x 8'-0" Stainless Steel Roof Hatch	6,861.63	181.76
07 72 33 00-0030		Remove And Reinstall Roof Hatch *(07 72 33)*		
		Note: Includes storage, cleaning and supply materials.		
07 72 33 00-0031	EA	Remove And Reinstall Roof Hatch (All Types)	331.96	
07 72 33 00-0032		Aluminum Cover And Galvanized Steel Curb *(07 72 33)*		
07 72 33 00-0033	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof (Bilco S-40)	948.94	119.92
07 72 33 00-0034	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof (Bilco NB-40)	1,250.27	133.26
07 72 33 00-0035	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof (Bilco L-40)	2,267.09	181.67
07 72 33 00-0036	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof (Bilco E-40)	1,231.15	123.66
07 72 33 00-0037	EA	Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof (Bilco F-40)	2,196.90	137.01
07 72 33 00-0038		Roof Hatch Accessories *(07 72 33)*		
07 72 33 00-0039	EA	Roof Hatch Ladderup Safety Post (Bilco LU-1)	547.09	56.22

07 72 36 Smoke Vents *(07 72)*

07 72 36 00-0001		Fire Vent *(07 72 36)*		
07 72 36 00-0002		Galvanized Steel Covers And Curb *(07 72 36 00-0001)*		
07 72 36 00-0003	EA	4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848)	2,031.67	99.98
07 72 36 00-0004	EA	4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872)	2,341.20	137.45
07 72 36 00-0005	EA	4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890)	2,667.54	149.97
07 72 36 00-0006	EA	4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896)	2,721.00	157.47
07 72 36 00-0007	EA	5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060)	3,149.39	137.45
07 72 36 00-0008	EA	5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072)	3,349.07	149.97
07 72 36 00-0009	EA	5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084)	3,536.67	162.50
07 72 36 00-0010	EA	5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096)	4,025.85	175.01
07 72 36 00-0011	EA	5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120)	4,991.50	187.45
07 72 36 00-0012	EA	5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666)	3,349.70	162.50
07 72 36 00-0013	EA	5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114)	7,024.70	199.97
07 72 36 00-0014	EA	6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272)	3,864.92	212.49
07 72 36 00-0015		Aluminum Covers And Galvanized Steel Curb *(07 72 36 00-0001)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 36 00-0016	EA	4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4848A)	2,219.69	99.98
07 72 36 00-0017	EA	4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4872A)	2,537.83	137.45
07 72 36 00-0018	EA	4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4890A)	2,856.82	149.97
07 72 36 00-0019	EA	4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4896A)	2,957.49	157.47
07 72 36 00-0020	EA	5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6060A)	2,876.41	137.45
07 72 36 00-0021	EA	5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6072A)	3,680.90	149.97
07 72 36 00-0022	EA	5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6084A)	3,935.99	162.50
07 72 36 00-0023	EA	5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6096A)	3,826.96	175.01
07 72 36 00-0024	EA	5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-60120A)	5,391.65	187.45
07 72 36 00-0025	EA	5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6666A)	3,712.40	162.50
07 72 36 00-0026	EA	5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-66144A)	7,084.12	199.97
07 72 36 00-0027	EA	6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-7272A)	3,627.63	212.49

07 72 36 00-0028 Aluminum Covers And Curb *(07 72 36 00-0001)*

07 72 36 00-0029	EA	4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848B)	2,424.12	99.98
07 72 36 00-0030	EA	4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872B)	2,876.41	137.45
07 72 36 00-0031	EA	4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890B)	3,157.07	149.97
07 72 36 00-0032	EA	4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896B)	3,340.79	157.47
07 72 36 00-0033	EA	5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060B)	3,029.73	137.45
07 72 36 00-0034	EA	5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072B)	3,840.61	149.97
07 72 36 00-0035	EA	5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084B)	4,076.53	162.50
07 72 36 00-0036	EA	5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096B)	4,210.26	175.01
07 72 36 00-0037	EA	5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120B)	5,116.96	187.45
07 72 36 00-0038	EA	5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666B)	3,891.27	162.50
07 72 36 00-0039	EA	5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114B)	7,742.11	199.97
07 72 36 00-0040	EA	6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272B)	4,010.93	212.49

07 72 36 00-0041 Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb *(07 72 36)*

07 72 36 00-0042	EA	4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4848B)	2,398.56	99.68
07 72 36 00-0043	EA	4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4872B)	3,036.10	137.45
07 72 36 00-0044	EA	4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4896B)	3,206.64	157.47
07 72 36 00-0045	EA	5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6060B)	3,451.35	137.45
07 72 36 00-0046	EA	5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6096B)	3,635.33	175.01

07 72 46 Roof Walkways *(07 72)*

07 72 46 00-0001 Recycled Rubber Walkway Pads *(07 72 46)*

07 72 46 00-0002	SF	3/8" Thick, Button Surface, Recycled Rubber Walkway Pad	6.90	1.83
		For Diamond Surface, Add	*0.54*	
07 72 46 00-0003	SF	1/2" Thick, Button Surface, Recycled Rubber Walkway Pad	7.64	2.19
		For Diamond Surface, Add	*0.63*	
07 72 46 00-0004	SF	3/4" Thick, Button Surface, Recycled Rubber Walkway Pad	8.42	2.19
		For Diamond Surface, Add	*0.70*	

07 72 53 Snow Guards *(07 72)*

07 72 53 00-0001 Snow Guards For Shingle And Tile Roofs *(07 72 53)*

07 72 53 00-0002	EA	6-5/8" Length, 1-1/2" Width, Copper Snow Guards For Shingle And Tile Roofs	12.48	1.75
07 72 53 00-0003	EA	6-5/8" Length, 1-1/2" Width, Lead Coated Copper Snow Guards For Shingle And Tile Roofs	13.61	1.75
07 72 53 00-0004	EA	6-5/8" Length, 1-1/2" Width, Stainless Steel Snow Guards For Shingle And Tile Roofs	12.86	1.75
07 72 53 00-0005	EA	6-5/8" Length, 1-1/2" Width, Aluminum Snow Guards For Shingle And Tile Roofs	7.65	1.75

07 72 53 00-0006 Snow Guards For Metal Roofs *(07 72 53)*

Note: Aluminum construction.

07 72 53 00-0007	EA	Mill Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	15.81	2.96
07 72 53 00-0008	EA	Black Primer Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	17.55	2.96
07 72 53 00-0009	EA	Bronze Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	25.78	2.96
07 72 53 00-0010	EA	Painted Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	25.41	2.96
07 72 53 00-0011	EA	Mill Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	23.93	3.46
07 72 53 00-0012	EA	Black Primer Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	26.12	3.46
07 72 53 00-0013	EA	Painted Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	32.55	3.46
07 72 53 00-0014	EA	Mill Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	13.80	2.60
		For Mechanically Fastened, Add	*5.18*	
07 72 53 00-0015	EA	Black Primer Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	15.61	2.60
		For Mechanically Fastened, Add	*5.18*	
07 72 53 00-0016	EA	Painted Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	21.75	2.60
		For Mechanically Fastened, Add	*5.18*	

07 72 53 00-0017 Snow Breaker For Roofs *(07 72 53)*

07 72 53 00-0018	EA	Up To 50 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	10.25	3.46
07 72 53 00-0019	EA	>50 To 150 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	9.71	3.46
07 72 53 00-0020	EA	>150 To 500 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	9.44	3.46
07 72 53 00-0021	EA	>500 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	9.11	3.46

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 53 00-0022		Ice Breaker For Vents *(07 72 53)*		
07 72 53 00-0023	EA	Ice Breaker For Vents Up to 4", Mechanically Fastened	75.90	
07 72 53 00-0024	EA	Ice Breaker For Vents And Stacks >4" To 14" Diameter, Mechanically Fastened	87.03	
07 72 53 00-0025		Pipe Style, Snow Guards For Metal Roofs *(07 72 53)*		
07 72 53 00-0026		Pipe Style, Standing Seam Metal Roof Snow Guard Clamps *(07 72 53 00-0025)* Note: Aluminum construction. Includes clamp for attaching to standing seam. Excludes tubing.		
07 72 53 00-0027	EA	Single Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000)	37.97	10.38
07 72 53 00-0028	EA	Single Tube, "T2 or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000)	44.60	10.38
07 72 53 00-0029	EA	Double Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000)	49.90	10.38
07 72 53 00-0030	EA	Double Tube, "T2K or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000)	61.28	10.38
07 72 53 00-0031	EA	Triple Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 6000)	63.71	12.45
07 72 53 00-0032		Tubing For Snow Guard Clamps *(07 72 53 00-0025)*		
07 72 53 00-0033	LF	1" O.D. Aluminum Tubing For Snow Guard Clamps (Alpine SnowGuards®) Note: Includes end caps, collars and couplings.	8.01	2.49
07 72 53 00-0034	LF	1" O.D. Brass Or Stainless Steel Tubing For Snow Guard Clamps (Alpine SnowGuards®) Note: Includes end caps, collars and couplings.	15.04	2.49
07 72 56		**Snow/Ice Melt** *(07 72)*		
07 72 56 00-0001		Self Regulating Heating Cable For Roofs And Gutters *(07 72 56)*		
07 72 56 00-0002	LF	12 Watt, 120V Self Regulating Low Temperature Cable Note: Nickel-coated copper braided cable with weatherproof jacket.	8.56	0.82
07 72 56 00-0003	LF	12 Watt, 208-277V Self Regulating Low Temperature Cable Note: Nickel-coated copper braided cable with weatherproof jacket.	9.18	0.82
07 72 56 00-0004	EA	Power Connection, End Seal And Warning Labels Kit	159.37	61.93
07 72 56 00-0005	EA	Splice Kit	120.70	45.42
07 72 56 00-0006	EA	Roof Clips	15.67	2.48
		For >5, Deduct	*-2.48*	
07 72 56 00-0007	EA	Downspout Hanger	57.80	6.19
07 72 56 00-0008	EA	Automatic Control For Melting Snow, 120V AC, Snow Switch	544.23	49.55
07 72 56 00-0009	EA	Automatic Gutter Ice Melting Control	743.67	61.93
07 72 63		**Waste Containment Assemblies** *(07 72)*		
07 72 63 00-0001		Rooftop Oil And Grease Containment System *(07 72 63)*		
07 72 63 00-0002		Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD-E) *(07 72 63 00-0001)*		
07 72 63 00-0003	EA	48" Length, 48" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100-E)	1,572.01	139.68
07 72 63 00-0004	EA	60" Length, 60" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101-E)	1,748.55	139.68
07 72 63 00-0005	EA	60" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106-E)	2,131.82	145.27
07 72 63 00-0006	EA	72" Length, 72" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102-E)	2,121.73	145.27
07 72 63 00-0007	EA	72" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103-E)	2,754.55	157.14
07 72 63 00-0008	EA	72" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111-E)	2,166.74	157.14
07 72 63 00-0009	EA	90" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105-E)	2,420.55	186.19
07 72 63 00-0010	EA	108" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112-E)	3,544.12	232.78
07 72 63 00-0011	EA	120" Length, 120" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107-E)	4,371.60	232.78
07 72 63 00-0012	EA	144" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113-E)	5,506.86	232.78
07 72 63 00-0013		Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD) *(07 72 63 00-0001)*		
07 72 63 00-0014	EA	48" Length, 48" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100)	1,917.58	139.68
07 72 63 00-0015	EA	60" Length, 60" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101)	2,147.17	139.68
07 72 63 00-0016	EA	60" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106)	2,638.90	145.27
07 72 63 00-0017	EA	72" Length, 72" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102)	2,684.33	145.27
07 72 63 00-0018	EA	72" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103)	3,806.56	157.14
07 72 63 00-0019	EA	72" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111)	4,167.33	157.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 63 00-0020	EA	90" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105)	3,893.86	186.19
07 72 63 00-0021	EA	108" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112)	4,396.83	232.78
07 72 63 00-0022	EA	120" Length, 120" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107)	5,474.06	232.78
07 72 63 00-0023	EA	144" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113)	6,949.90	232.78

07 72 63 00-0024 Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63)*

Note: Includes removing old filters and installing new filters.

07 72 63 00-0025 Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)*

07 72 63 00-0026 Light Duty, Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0025)*

07 72 63 00-0027	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-E)	127.87
07 72 63 00-0028	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-E)	178.34
07 72 63 00-0029	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-E)	254.01
07 72 63 00-0030	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-E)	235.78
07 72 63 00-0031	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-E)	437.60
07 72 63 00-0032	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-E)	442.64
07 72 63 00-0033	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-E)	343.67
07 72 63 00-0034	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-E)	444.58
07 72 63 00-0035	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-E)	648.93
07 72 63 00-0036	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-E)	853.28

07 72 63 00-0037 Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)*

07 72 63 00-0038 Light Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0037)*

07 72 63 00-0039	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-EC)	264.49
07 72 63 00-0040	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-EC)	350.27
07 72 63 00-0041	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-EC)	506.69
07 72 63 00-0042	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-EC)	473.30
07 72 63 00-0043	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-EC)	904.70
07 72 63 00-0044	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-EC)	909.74
07 72 63 00-0045	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-EC)	677.06
07 72 63 00-0046	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-EC)	911.69
07 72 63 00-0047	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-EC)	1,332.99
07 72 63 00-0048	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-EC)	1,771.96

07 72 63 00-0049 Heavy Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0037)*

07 72 63 00-0050	SET	48" Length, 48" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-C)	327.57
07 72 63 00-0051	SET	60" Length, 60" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-C)	405.78
07 72 63 00-0052	SET	60" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-C)	592.46
07 72 63 00-0053	SET	72" Length, 72" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-C)	561.60
07 72 63 00-0054	SET	72" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-C)	1,088.86
07 72 63 00-0055	SET	72" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-C)	1,083.82
07 72 63 00-0056	SET	90" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-C)	793.12
07 72 63 00-0057	SET	108" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-C)	1,095.85
07 72 63 00-0058	SET	120" Length, 120" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-C)	1,534.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 63 00-0059	SET	144" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-C)	2,132.73	

07 73 Roof Protection Board *(07 70)*

07 73 00 00-0001 Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.

07 73 00 00-0002	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®)	2.21	0.35
		For No Adhesive, Deduct	*-0.47*	
		For Hot-Mopped, Deduct	*-0.08*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.35*	
		For Mechanically Fastened To Gypsum, Add	*0.49*	
07 73 00 00-0003	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®)	2.49	0.38
		For No Adhesive, Deduct	*-0.49*	
		For Hot-Mopped, Deduct	*-0.07*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.40*	
		For Mechanically Fastened To Gypsum, Add	*0.54*	
07 73 00 00-0004	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®)	2.64	0.42
		For No Adhesive, Deduct	*-0.50*	
		For Hot-Mopped, Deduct	*-0.05*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.44*	
		For Mechanically Fastened To Gypsum, Add	*0.58*	
07 73 00 00-0005	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime)	2.24	0.35
		For No Adhesive, Deduct	*-0.47*	
		For Hot-Mopped, Deduct	*-0.08*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.35*	
		For Mechanically Fastened To Gypsum, Add	*0.49*	
07 73 00 00-0006	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime)	2.53	0.38
		For No Adhesive, Deduct	*-0.49*	
		For Hot-Mopped, Deduct	*-0.07*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.40*	
		For Mechanically Fastened To Gypsum, Add	*0.54*	
07 73 00 00-0007	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime)	2.68	0.42
		For No Adhesive, Deduct	*-0.50*	
		For Hot-Mopped, Deduct	*-0.05*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.44*	
		For Mechanically Fastened To Gypsum, Add	*0.58*	

07 76 Roof Pavers *(07 70)*

07 76 16 Roof Decking Pavers *(07 76)*

07 76 16 00-0001	SF	Up To 100 SF, 2" Concrete Roof Paver	9.45	4.75
		For 1-1/2" Thickness, Deduct	*-0.79*	
		For 2-1/2" Thickness, Add	*0.79*	
		For 3" Thickness, Add	*1.59*	
07 76 16 00-0002	SF	>100 To 200 SF, 2" Concrete Roof Paver	8.01	3.58
		For 1-1/2" Thickness, Deduct	*-0.66*	
		For 2-1/2" Thickness, Add	*0.66*	
		For 3" Thickness, Add	*1.31*	
07 76 16 00-0003	SF	>200 To 400 SF, 2" Concrete Roof Paver	6.83	2.86
		For 1-1/2" Thickness, Deduct	*-0.55*	
		For 2-1/2" Thickness, Add	*0.55*	
		For 3" Thickness, Add	*1.09*	
07 76 16 00-0004	SF	>400 To 1000 SF, 2" Concrete Roof Paver	6.10	2.49
		For 1-1/2" Thickness, Deduct	*-0.48*	
		For 2-1/2" Thickness, Add	*0.48*	
		For 3" Thickness, Add	*0.96*	
07 76 16 00-0005	SF	>1000 SF, 2" Concrete Roof Paver	5.61	2.26
		For 1-1/2" Thickness, Deduct	*-0.44*	
		For 2-1/2" Thickness, Add	*0.44*	
		For 3" Thickness, Add	*0.88*	

07 76 19 Composite Insulation Concrete Protection Board *(07 76)*

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0001	SF	2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	3.14	
		For 20 Year Warranty, Deduct	*-0.17*	
		For 15 Year Warranty, Deduct	*-0.35*	
		For 10 Year Warranty, Deduct	*-0.47*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 76 19 00-0002	SF	3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	4.06	
		For 20 Year Warranty, Deduct	*-0.25*	
		For 15 Year Warranty, Deduct	*-0.50*	
		For 10 Year Warranty, Deduct	*-0.67*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0003	SF	2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	4.78	
		For 20 Year Warranty, Deduct	*-0.29*	
		For 15 Year Warranty, Deduct	*-0.58*	
		For 10 Year Warranty, Deduct	*-0.78*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0004	SF	3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	5.74	
		For 20 Year Warranty, Deduct	*-0.36*	
		For 15 Year Warranty, Deduct	*-0.73*	
		For 10 Year Warranty, Deduct	*-0.98*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	

07 80 Fire And Smoke Protection *(07)*

07 81 Applied Fireproofing *(07 80)*

Note: Includes bonding agents as required.

07 81 16 Cementitious Fireproofing *(07 81)*

07 81 16 00-0001 Cementitious Fireproofing *(07 81 16)*

07 81 16 00-0002 Spray On Ceiling (Metal Decking Corrugated Or Fluted) *(07 81 16 00-0001)*

07 81 16 00-0003	SF	Spray Fireproofing For Ceiling, 1 Hour Rated 1/2" Thick Coverage	0.95	0.49
07 81 16 00-0004	SF	Spray Fireproofing For Ceiling, 2 Hour Rated 7/8" Thick Coverage	1.31	0.59

07 81 16 00-0005 Spray On Roofs And Beams *(07 81 16 00-0001)*

07 81 16 00-0006	SF	Spray Fireproofing For Beams And Roofs, 1 Hour Rated 1-3/8" Thick Coverage	1.98	0.72
07 81 16 00-0007	SF	Spray Fireproofing For Beams And Roofs, 2 Hour Rated 1-1/2" Thick Coverage	2.12	0.78
07 81 16 00-0008	SF	Spray Fireproofing For Beams And Roofs, 2 Hour Rated 1-5/8" Thick Coverage	2.23	0.82

07 81 16 00-0009 Spray On Beams (Min. W8x24) *(07 81 16 00-0001)*

07 81 16 00-0010	SF	Spray Fireproofing For Beams, 1 Hour Rated 7/16" Thick Coverage, (Min W8x24)	0.80	0.39
07 81 16 00-0011	SF	Spray Fireproofing For Beams, 2 Hour Rated 1/2" Thick Coverage, (Min W8x24)	1.00	0.49
07 81 16 00-0012	SF	Spray Fireproofing For Beams, 3 Hour Rated 7/8" Thick Coverage, (Min W8x24)	1.41	0.59
07 81 16 00-0013	SF	Spray Fireproofing For Beams, 4 Hour Rated 1-1/4" Thick Coverage, (Min W8x24)	1.89	0.69

07 81 16 00-0014 Spray On Columns (W10x49) *(07 81 16 00-0001)*

07 81 16 00-0015	SF	Spray Fireproofing For Columns, 1 Hour Rated 1-3/16" Thick Coverage, (W10x49)	1.87	0.66
07 81 16 00-0016	SF	Spray Fireproofing For Columns, 2 Hour Rated 1-1/4" Thick Coverage, (W10x49)	2.03	0.69
07 81 16 00-0017	SF	Spray Fireproofing For Columns, 3 Hour Rated 1-7/8" Thick Coverage, (W10x49)	2.63	0.82
07 81 16 00-0018	SF	Spray Fireproofing For Columns, 4 Hour Rated 2-1/2" Thick Coverage, (W10x49)	3.45	0.99

07 81 16 00-0019 Spray On Columns (W14x228) *(07 81 16 00-0001)*

07 81 16 00-0020	SF	Spray Fireproofing For Columns, 2 Hr Rated 5/8" Thick Coverage, (W14x228)	1.19	0.49
07 81 16 00-0021	SF	Spray Fireproofing For Columns, 3 Hr Rated 7/8" Thick Coverage, (W14x228)	1.51	0.59
07 81 16 00-0022	SF	Spray Fireproofing For Columns, 4 Hr Rated 1-1/4" Thick Coverage, (W14x228)	2.03	0.72

07 81 16 00-0023 Gunite Fireproofing *(07 81 16)*

07 81 16 00-0024	SF	Fireproofing, Gunite, Non Reinforced, 1" Thick	2.15	0.44
07 81 16 00-0025	SF	Fireproofing, Gunite, Reinforced, 1" Thick	3.09	0.44

07 81 16 00-0026 Monokote Fireproofing *(07 81 16)*

07 81 16 00-0027	CSF	Fireproofing, Monokote, On Structural Steel Note: Per inch of thickness.	229.84	70.16
07 81 16 00-0028	CSF	Fireproofing, Monokote, On Decking Note: Per inch of thickness.	172.38	46.98

07 81 23 Intumescent Fireproofing *(07 81)*

Note: Type 1 structural steel has up to 2 SF per LF, type 2 structural steel has >2 to 5 SF per LF and type 3 structural steel has >5 SF per LF.

07 81 23 00-0001 Fireproofing Using Spray On Albi-Clad, Intumescent Mastic, 1Hour *(07 81 23)*

07 81 23 00-0002	CSF	Fireproofing, Intumescent, 1 Hour, Type 1 Structural Steel	1,164.21	234.92
07 81 23 00-0003	CSF	Fireproofing, Intumescent, 1 Hour, Type 2 Structural Steel	1,183.07	249.02
07 81 23 00-0004	CSF	Fireproofing, Intumescent, 1 Hour, Type 3 Structural Steel	1,214.35	272.50

07 81 23 00-0005 Fireproofing Using Spray On Albi-Clad, Intumescent Mastic, 2Hour *(07 81 23)*

07 81 23 00-0006	CSF	Fireproofing, Intumescent, 2 Hour, Type 1 Structural Steel	2,328.41	469.84
07 81 23 00-0007	CSF	Fireproofing, Intumescent, 2 Hour, Type 2 Structural Steel	2,366.12	498.04
07 81 23 00-0008	CSF	Fireproofing, Intumescent, 2 Hour, Type 3 Structural Steel	2,428.36	545.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 81 23 00-0009		Color Top Coat *(07 81 23)*		
07 81 23 00-0010	CSF	Fireproofing, Color Top Coat	48.63	
07 81 33		**Mineral-Fiber Fireproofing** *(07 81)*		
07 81 33 00-0001	SF	1" Cellulose Fireproofing	1.46	0.44
07 82		Board Fireproofing *(07 80)*		
		Note: Type A: 1 hour rating. See CSI section 09 23 13 00-0001 for plaster casing and corner bead, 09 29 00 00-0072 for gypsum board casing and corner bead.		
07 82 00 00-0001		Fireproofing On Columns *(07 82)*		
07 82 00 00-0002		Up To 4,500 SF, Fireproofing On Columns *(07 82 00 00-0001)*		
07 82 00 00-0003	CSF	Lath And Cement Plaster, 1 Hour, Mk A, Up To 4500 SF, Fireproofing On Columns	995.87	657.77
07 82 00 00-0004	CSF	Lath And Cement Plaster, 2 Hour, Mk B, Up To 4500 SF, Fireproofing On Columns	1,804.11	1,174.60
07 82 00 00-0005	CSF	Lath And Vermiculite Concrete, 4 Hour, Mk C, Up To 4500, Fireproofing On Columns	1,608.40	1,033.65
07 82 00 00-0006	CSF	Lath And Gypsum Plaster, 4 Hour, Mk D, Up To 4500 SF, Fireproofing On Columns	991.96	610.79
07 82 00 00-0007	CSF	Lath And Gypsum Plaster, 4 Hour, Mk E, Up To 4500 SF, Fireproofing On Columns	781.08	516.82
07 82 00 00-0008	CSF	Gypsum Board, 2 Hour, Mk F, Up To 4500 SF, Fireproofing On Columns	1,194.20	798.73
07 82 00 00-0009	CSF	Gypsum Board, 2 Hour, Mk G, Up To 4500 SF, Fireproofing On Columns	680.36	422.85
07 82 00 00-0010		>4,500 SF, Fireproofing On Columns *(07 82 00 00-0001)*		
07 82 00 00-0011	CSF	Lath And Cement Plaster, 1 Hour, Mk A >4500 SF, Fireproofing On Columns	981.27	657.77
07 82 00 00-0012	CSF	Lath And Cement Plaster, 2 Hour, Mk B, >4500 SF, Fireproofing On Columns	1,774.90	1,174.60
07 82 00 00-0013	CSF	Lath And Vermiculite Concrete, 4 Hour, Mk C, >4500 SF, Fireproofing On Columns	1,594.23	1,033.65
07 82 00 00-0014	CSF	Lath And Gypsum Plaster, 4 Hour, Mk D, >4500 SF, Fireproofing On Columns	969.60	610.79
07 82 00 00-0015	CSF	Lath And Gypsum Plaster, 2 Hour, Mk E, >4500 SF, Fireproofing On Columns	769.54	516.82
07 82 00 00-0016	CSF	Gypsum Board, 2 Hour, Mk F, >4500 SF, Fireproofing On Columns	1,179.89	798.73
07 82 00 00-0017	CSF	Gypsum Board, 2 Hour, Mk G, >4500 SF, Fireproofing On Columns	667.40	422.85
07 84		Firestopping *(07 80)*		
07 84 13		**Penetration Firestopping** *(07 84)*		
07 84 13 16		**Penetration Firestopping Devices** *(07 84 13)*		
07 84 13 16-0001		Firestopping Systems For Cable Penetrations *(07 84 13 16)*		
07 84 13 16-0002		Intumescent Firestop Cable Sleeve For New Installations *(07 84 13 16-0001)*		
		Note: Includes putty, escutcheon plates, gaskets and bushings.		
07 84 13 16-0003	EA	1" Diameter Intumescent Firestop Sleeve (STI FS100)	59.31	
07 84 13 16-0004	EA	2" Diameter Intumescent Firestop Sleeve (STI FS201)	78.19	
07 84 13 16-0005	EA	4" Diameter Intumescent Firestop Sleeve (STI FS401)	132.61	
07 84 13 16-0006		Intumescent Firestop Cable Pathway For New Or Existing Cable Installations *(07 84 13 16-0001)*		
		Note: Includes putty and mounting plates.		
07 84 13 16-0007	EA	1-1/64" x 1-1/64" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZD22)	125.15	
07 84 13 16-0008	EA	3" x 3" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZDP33FWS)	243.68	
07 84 13 16-0009	EA	4" x 4-5/8" Intumescent Firestop Cable Pathway Through Up To 10" Thick Walls (STI EZDP44)	397.83	
07 84 13 16-0010		3M Intumescent Firestopping Multi-Trade Pass Through Device *(07 84 13 16)*		
07 84 13 16-0011	EA	2.5" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	229.02	
07 84 13 16-0012	EA	4" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP4SD)	258.96	
07 84 13 16-0013	EA	4" Diameter Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	257.53	
07 84 13 16-0014		Intumescent Firestopping Pipe Collar *(07 84 13 16)*		
07 84 13 16-0015	EA	1-1/2" Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5)	35.24	7.92
07 84 13 16-0016	EA	2" Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0)	36.91	7.92
07 84 13 16-0017	EA	3" Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0)	44.97	8.72
07 84 13 16-0018	EA	4" Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0)	60.39	9.91
07 84 13 16-0019	EA	8" Intumescent Firestop Pipe Collar (Hilti CP644 8")	346.10	11.89
07 84 13 16-0020	EA	10" Intumescent Firestop Pipe Collar (Hilti CP644 10")	445.82	13.08
07 84 13 16-0021		Fire Rated Enclosures (Fire Rated Product Specialties Corp.) *(07 84 13 16)*		
		Note: Includes fasteners. Excludes additional perimeter caulk where required. See CSI section 07 84 43 00-0001 for perimeter sealant caulk where required.		
07 84 13 16-0022	EA	12.2" Wide x 20.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9)	100.60	
		Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.		
07 84 13 16-0023	EA	15.2" Wide x 16.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-15-16-9)	105.60	
		Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.		
07 84 13 16-0024	EA	11.8" Wide x 19.8" Long x 9.12" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9-EXH)	195.40	
		Note: Includes 4" duct connector. For use with bathroom ventilation and exhaust fans.		
07 84 13 16-0025	EA	14.0" Wide x 14.0" Long x 3.2" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-14-14-3)	127.60	
		Note: Used for shut-of valves, shower and tub valves, washer boxes, icemaker water feeds, speakers, controls, junction boxes, etc.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 84 13 19 Penetration Firestopping Caulk *(07 84 13)*

07 84 13 19-0001 Intumescent Firestopping For Sealing Pipe Penetrations (Hilti) *(07 84 13 19)*

Note: Includes firestop caulk and batt for floor or ceiling penetration or one side of a wall penetration. 1/2" thick caulk for annular spaces 1" and less. 1" thick caulk for annular spaces 1-1/4" or more.

07 84 13 19-0002	EA	1" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	16.46	
		For Intumescent Sealant For Plastic Pipe, Add	*0.07*	
07 84 13 19-0003	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	20.44	
		For Intumescent Sealant For Plastic Pipe, Add	*0.36*	
07 84 13 19-0004	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant	20.21	
		For Intumescent Sealant For Plastic Pipe, Add	*0.26*	
07 84 13 19-0005	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant	19.84	
		For Intumescent Sealant For Plastic Pipe, Add	*0.12*	
07 84 13 19-0006	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	23.90	
		For Intumescent Sealant For Plastic Pipe, Add	*0.76*	
07 84 13 19-0007	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant	23.67	
		For Intumescent Sealant For Plastic Pipe, Add	*0.67*	
07 84 13 19-0008	EA	2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant	23.30	
		For Intumescent Sealant For Plastic Pipe, Add	*0.52*	
07 84 13 19-0009	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant	22.72	
		For Intumescent Sealant For Plastic Pipe, Add	*0.29*	
07 84 13 19-0010	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant	22.22	
		For Intumescent Sealant For Plastic Pipe, Add	*0.09*	
07 84 13 19-0011	EA	2.5" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	29.25	
		For Intumescent Sealant For Plastic Pipe, Add	*1.27*	
07 84 13 19-0012	EA	2.5" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant	29.03	
		For Intumescent Sealant For Plastic Pipe, Add	*1.18*	
07 84 13 19-0013	EA	2.5" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant	28.65	
		For Intumescent Sealant For Plastic Pipe, Add	*1.03*	
07 84 13 19-0014	EA	2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant	28.07	
		For Intumescent Sealant For Plastic Pipe, Add	*0.80*	
07 84 13 19-0015	EA	2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant	27.59	
		For Intumescent Sealant For Plastic Pipe, Add	*0.61*	
07 84 13 19-0016	EA	2.5" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant	26.42	
		For Intumescent Sealant For Plastic Pipe, Add	*0.14*	
07 84 13 19-0017	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	40.98	
		For Intumescent Sealant For Plastic Pipe, Add	*3.36*	
07 84 13 19-0018	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant	37.13	
		For Intumescent Sealant For Plastic Pipe, Add	*1.82*	
07 84 13 19-0019	EA	3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant	36.76	
		For Intumescent Sealant For Plastic Pipe, Add	*1.67*	
07 84 13 19-0020	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant	36.18	
		For Intumescent Sealant For Plastic Pipe, Add	*1.44*	
07 84 13 19-0021	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant	35.69	
		For Intumescent Sealant For Plastic Pipe, Add	*1.24*	
07 84 13 19-0022	EA	3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant	34.52	
		For Intumescent Sealant For Plastic Pipe, Add	*0.77*	
07 84 13 19-0023	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant	33.01	
		For Intumescent Sealant For Plastic Pipe, Add	*0.17*	
07 84 13 19-0024	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	56.21	
		For Intumescent Sealant For Plastic Pipe, Add	*6.19*	
07 84 13 19-0025	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant	55.81	
		For Intumescent Sealant For Plastic Pipe, Add	*6.03*	
07 84 13 19-0026	EA	4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant	55.15	
		For Intumescent Sealant For Plastic Pipe, Add	*5.77*	
07 84 13 19-0027	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant	54.13	
		For Intumescent Sealant For Plastic Pipe, Add	*5.36*	
07 84 13 19-0028	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant	53.27	
		For Intumescent Sealant For Plastic Pipe, Add	*5.02*	
07 84 13 19-0029	EA	4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant	46.68	
		For Intumescent Sealant For Plastic Pipe, Add	*2.38*	
07 84 13 19-0030	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant	45.18	
		For Intumescent Sealant For Plastic Pipe, Add	*1.78*	
07 84 13 19-0031	EA	4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant	42.89	
		For Intumescent Sealant For Plastic Pipe, Add	*0.86*	
07 84 13 19-0032	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	92.74	
		For Intumescent Sealant For Plastic Pipe, Add	*14.28*	
07 84 13 19-0033	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant	92.34	
		For Intumescent Sealant For Plastic Pipe, Add	*14.12*	
07 84 13 19-0034	EA	6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant	91.69	
		For Intumescent Sealant For Plastic Pipe, Add	*13.86*	
07 84 13 19-0035	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant	90.67	
		For Intumescent Sealant For Plastic Pipe, Add	*13.46*	
07 84 13 19-0036	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant	89.81	
		For Intumescent Sealant For Plastic Pipe, Add	*13.11*	
07 84 13 19-0037	EA	6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant	87.75	
		For Intumescent Sealant For Plastic Pipe, Add	*12.29*	
07 84 13 19-0038	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant	85.09	
		For Intumescent Sealant For Plastic Pipe, Add	*11.22*	
07 84 13 19-0039	EA	6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant	81.06	
		For Intumescent Sealant For Plastic Pipe, Add	*9.61*	
07 84 13 19-0040	EA	6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant	66.09	
		For Intumescent Sealant For Plastic Pipe, Add	*3.62*	
07 84 13 19-0041	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant	125.64	
		For Intumescent Sealant For Plastic Pipe, Add	*22.56*	
07 84 13 19-0042	EA	8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant	121.61	
		For Intumescent Sealant For Plastic Pipe, Add	*20.94*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0043	EA	8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant	113.52	
		For Intumescent Sealant For Plastic Pipe, Add	*17.71*	
07 84 13 19-0044	EA	8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant	80.77	
		For Intumescent Sealant For Plastic Pipe, Add	*4.61*	
07 84 13 19-0045	EA	10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant	162.17	
		For Intumescent Sealant For Plastic Pipe, Add	*32.28*	
07 84 13 19-0046	EA	10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant	138.17	
		For Intumescent Sealant For Plastic Pipe, Add	*22.68*	
07 84 13 19-0047	EA	10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant	96.14	
		For Intumescent Sealant For Plastic Pipe, Add	*5.87*	

07 84 16 Annular Space Protection *(07 84)*

07 84 16 00-0001 Intumescent Firestopping For Electrical Outlet Boxes *(07 84 16)*

07 84 16 00-0002 Intumescent Putty Pads For Wrapping Outlet Box Exteriors *(07 84 16 00-0001)*

07 84 16 00-0003	EA	1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	28.08
07 84 16 00-0004	EA	2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	41.50
07 84 16 00-0005	EA	3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	43.13
07 84 16 00-0006	EA	4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	44.76
07 84 16 00-0007	EA	5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	46.39
07 84 16 00-0008	EA	6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	59.81

07 84 16 00-0009 Intumescent Firestop Gasket For Wall Plates *(07 84 16 00-0001)*

07 84 16 00-0010	EA	Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276)	11.00
07 84 16 00-0011	EA	Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274)	11.58
07 84 16 00-0012	EA	Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272)	11.00
07 84 16 00-0013	EA	Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270)	11.58
07 84 16 00-0014	EA	Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266)	11.58
07 84 16 00-0015	EA	Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265)	11.00

07 84 16 00-0016 Intumescent Fire Barrier Pillows For Sealing Large Openings *(07 84 16)*

07 84 16 00-0017	EA	2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249)	32.46
07 84 16 00-0018	EA	2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269)	34.88
07 84 16 00-0019	EA	3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369)	37.86

07 84 16 00-0020 Intumescent Fire Barrier Sheets For Sealing Large Openings *(07 84 16)*

Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening.

07 84 16 00-0021	EA	16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28)	322.13
07 84 16 00-0022	EA	36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2)	469.04
07 84 16 00-0023	EA	36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3)	677.76

07 84 16 00-0024 Endothermic Mat Wrap Fire Barrier *(07 84 16)*

Note: Price includes endothermic mat wrap and sealant. Excludes cavity fill material; putty or fireproof caulk/sealant. See CSI section 07 84 16 00-0026 for filling openings.

07 84 16 00-0025	SF	0.408" Thick Aluminum Foil Faced Endothermic Mat (3M Interam E-5A-4)	41.50

07 84 16 00-0026 Firestopping Caulk For Filling Opening *(07 84 16)*

07 84 16 00-0027	GAL	Laxtex Based Intumescent Fire Barrier Sealant (3M CP-25WB+)	178.72

07 84 23 Silicone Firestopping Foams *(07 84)*

07 84 23 00-0001 Silicone RTV Foam Seal For Blank Openings *(07 84 23)*

07 84 23 00-0002	EA	2" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	34.83
07 84 23 00-0003	EA	4" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	87.93
07 84 23 00-0004	EA	6" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	161.03
07 84 23 00-0005	EA	8" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	252.29
07 84 23 00-0006	EA	10" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	365.83
07 84 23 00-0007	EA	12" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	497.63

07 84 43 Joint Firestopping *(07 84)*

07 84 43 00-0001 Intumescent Firestopping Sealant For Joints *(07 84 43)*

07 84 43 00-0002	CLF	1/4" x 1/4" Joint, Intumescent Firestop Sealant	344.18	130.34
07 84 43 00-0003	CLF	1/4" x 3/8" Joint, Intumescent Firestop Sealant	402.18	138.49
07 84 43 00-0004	CLF	1/4" x 1/2" Joint, Intumescent Firestop Sealant	443.92	138.49
07 84 43 00-0005	CLF	3/8" x 3/8" Joint, Intumescent Firestop Sealant	464.79	138.49
07 84 43 00-0006	CLF	3/8" x 1/2" Joint, Intumescent Firestop Sealant	527.41	138.49
07 84 43 00-0007	CLF	3/8" x 5/8" Joint, Intumescent Firestop Sealant	606.37	146.65
07 84 43 00-0008	CLF	3/8" x 3/4" Joint, Intumescent Firestop Sealant	685.22	154.78
07 84 43 00-0009	CLF	1/2" x 1/2" Joint, Intumescent Firestop Sealant	627.25	146.65
07 84 43 00-0010	CLF	1/2" x 5/8" Joint, Intumescent Firestop Sealant	743.31	162.93
07 84 43 00-0011	CLF	1/2" x 3/4" Joint, Intumescent Firestop Sealant	843.12	171.09
07 84 43 00-0012	CLF	1/2" x 7/8" Joint, Intumescent Firestop Sealant	942.87	179.22
07 84 43 00-0013	CLF	1/2" x 1" Joint, Intumescent Firestop Sealant	1,156.79	244.38
07 84 43 00-0014	CLF	3/4" x 3/4" Joint, Intumescent Firestop Sealant	1,272.81	260.71
07 84 43 00-0015	CLF	1" x 1" Joint, Intumescent Firestop Sealant	1,873.49	268.83

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 84 56 Fire Safing *(07 84)*

07 84 56 13 Fibrous Fire Safing *(07 84 56)*

07 84 56 13-0001 Thermal Barrier Wrap *(07 84 56 13)*

Note: Includes cutting wrap to fit pipe or conduit and sealing edges.

07 84 56 13-0002	SF	1/2" Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A)	10.65	
		For Work In Restricted Working Space, Add	*1.17*	
07 84 56 13-0003	SF	1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A)	14.84	
		Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
		For Work In Restricted Working Space, Add	*1.17*	
07 84 56 13-0004	SF	2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A)	16.21	
		Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
		For Work In Restricted Working Space, Add	*1.17*	

07 84 56 13-0005 Firemaster Blanket Wrap Fireproofing *(07 84 56 13)*

07 84 56 13-0006	SF	1/2" Thermal Ceramics FireMaster Blanket Wrap	13.06	7.01
		For Work In Restricted Working Space, Add	*2.82*	
		For >500 To 5,000, Deduct	*-1.31*	
		For >5,000, Deduct	*-2.30*	
07 84 56 13-0007	SF	1" Thermal Ceramics FireMaster Blanket Wrap	16.09	7.01
		For Work In Restricted Working Space, Add	*2.82*	
		For >500 To 5,000, Deduct	*-2.01*	
		For >5,000, Deduct	*-3.42*	
07 84 56 13-0008	SF	1-1/2" Thermal Ceramics FireMaster Blanket Wrap	19.42	7.01
		For Work In Restricted Working Space, Add	*2.82*	
		For >500 To 5,000, Deduct	*-2.78*	
		For >5,000, Deduct	*-4.65*	
07 84 56 13-0009	SF	2" Thermal Ceramics FireMaster Blanket Wrap	22.75	7.01
		For Work In Restricted Working Space, Add	*2.82*	
		For >500 To 5,000, Deduct	*-3.54*	
		For >5,000, Deduct	*-5.88*	

07 90 Joint Protection *(07)*

07 91 Preformed Joint Seals *(07 90)*

07 91 23 Backer Rods *(07 91)*

07 91 23 00-0001	LF	1/4" Polyethylene Or Polyurethane Backer Rod	1.13	0.35
07 91 23 00-0002	LF	3/8" Polyethylene Or Polyurethane Backer Rod	1.22	0.35
07 91 23 00-0003	LF	1/2" Polyethylene Or Polyurethane Backer Rod	1.31	0.35
07 91 23 00-0004	LF	5/8" Polyethylene Or Polyurethane Backer Rod	1.41	0.35
07 91 23 00-0005	LF	3/4" Polyethylene Or Polyurethane Backer Rod	1.46	0.42
07 91 23 00-0006	LF	7/8" Polyethylene Or Polyurethane Backer Rod	1.56	0.42
07 91 23 00-0007	LF	1" Polyethylene Or Polyurethane Backer Rod	1.74	0.42
07 91 23 00-0008	LF	1-1/4" Polyethylene Or Polyurethane Backer Rod	1.92	0.49
07 91 23 00-0009	LF	1-1/2" Polyethylene Or Polyurethane Backer Rod	2.17	0.56
07 91 23 00-0010	LF	2" Polyethylene Or Polyurethane Backer Rod	2.60	0.63
07 91 23 00-0011	LF	3" Polyethylene Or Polyurethane Backer Rod	4.11	0.76

07 91 26 Joint Fillers *(07 91)*

07 91 26 00-0001 Butyl Rubber Fillers *(07 91 26)*

07 91 26 00-0002	LF	1/4" x 1/4" Butyl Rubber Filler	1.41	0.42
		For Coloring, Add	*0.00*	
07 91 26 00-0003	LF	1/2" x 1/2" Butyl Rubber Filler	4.03	1.19
		For Coloring, Add	*0.02*	
07 91 26 00-0004	LF	1/2" x 3/4" Butyl Rubber Filler	4.60	1.26
		For Coloring, Add	*0.03*	
07 91 26 00-0005	LF	3/4" x 3/4" Butyl Rubber Filler	4.69	1.33
07 91 26 00-0006	LF	1" x 1" Butyl Rubber Filler	4.28	1.47

07 91 26 00-0007 Closed Cell Neoprene *(07 91 26)*

07 91 26 00-0008	CLF	1/8" x 3" Neoprene Gasket Closed Cell, Adhesive	282.57	80.59
07 91 26 00-0009	CLF	1/8" x 6" Neoprene Gasket Closed Cell, Adhesive	471.76	116.43
07 91 26 00-0010	CLF	1/4" x 3" Neoprene Gasket Closed Cell, Adhesive	367.61	99.80
07 91 26 00-0011	CLF	1/4" x 6" Neoprene Gasket Closed Cell, Adhesive	437.61	104.76
07 91 26 00-0012	CLF	1/2" x 6" Neoprene Gasket Closed Cell, Adhesive	666.64	161.19
07 91 26 00-0013	CLF	1/2" x 9" Neoprene Gasket Closed Cell, Adhesive	775.89	174.60
07 91 26 00-0014	CLF	1/2" x 12" Neoprene Gasket Closed Cell, Adhesive	745.64	126.97

07 91 26 00-0015 Closed Cell Polyvinyl Chloride *(07 91 26)*

07 91 26 00-0016	CLF	1/8" x 3" Polyethylene Joint Backing, Closed Cell	285.44	99.80
07 91 26 00-0017	CLF	1/8" x 6" Polyethylene Joint Backing, Closed Cell	488.96	161.19
07 91 26 00-0018	CLF	1/4" x 3" Polyethylene Joint Backing, Closed Cell	374.93	137.59
07 91 26 00-0019	CLF	1/4" x 6" Polyethylene Joint Backing, Closed Cell	455.77	145.27
07 91 26 00-0020	CLF	1/2" x 6" Polyethylene Joint Backing, Closed Cell	693.56	222.79
07 91 26 00-0021	CLF	1/2" x 9" Polyethylene Joint Backing, Closed Cell	815.70	241.79
07 91 26 00-0022	CLF	1/2" x 12" Polyethylene Joint Backing, Closed Cell	1,086.35	289.84

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 26 00-0023		**Silicon RTV Foam Penetration Seal** *(07 91 26)*		
07 91 26 00-0024	CLF	1/4" x 1/2" Silicon RTV Foam Seal	125.01	15.99
07 91 26 00-0025	CLF	1/2" x 1/2" Silicon RTV Foam Seal	250.00	31.92
07 91 26 00-0026	CLF	1/2" x 3/4" Silicon RTV Foam Seal	373.23	47.42
07 91 26 00-0027	CLF	3/4" x 3/4" Silicon RTV Foam Seal	535.93	63.91
07 91 26 00-0028	CLF	1/8" x 1" Silicon RTV Foam Seal	125.01	15.99
07 91 26 00-0029	CLF	1/8" x 3" Silicon RTV Foam Seal	372.94	47.28
07 91 26 00-0030	CLF	1/4" x 3" Silicon RTV Foam Seal	667.24	71.03
07 91 26 00-0031	CLF	1/4" x 6" Silicon RTV Foam Seal	1,333.26	141.56
07 91 26 00-0032	CLF	1/2" x 6" Silicon RTV Foam Seal	2,570.33	255.54
07 91 26 00-0033	CLF	1/2" x 9" Silicon RTV Foam Seal	3,906.84	399.20
07 91 26 00-0034	CLF	1/2" x 12" Silicon RTV Foam Seal	5,574.72	638.75
07 91 26 00-0035		**Seals O-Ring Type Cord "J-Seal"** *(07 91 26)*		
07 91 26 00-0036	LF	1/4" Seals O-Ring Cord, J-Seal	2.99	0.90
07 91 26 00-0037	LF	1/2" Seals O-Ring Cord, J-Seal	3.17	0.90
07 91 26 00-0038	LF	3/4" Seals O-Ring Cord, J-Seal	3.35	0.97
07 91 26 00-0039	LF	1" Seals O-Ring Cord, J-Seal	3.55	1.04
07 91 26 00-0040	LF	1-1/4" Seals O-Ring Cord, J-Seal	3.82	1.12
07 91 26 00-0041	LF	1-1/2" Seals O-Ring Cord, J-Seal	4.02	1.12
07 91 26 00-0042	LF	1-3/4" Seals O-Ring Cord, J-Seal	4.26	1.19
07 91 26 00-0043	LF	2" Seals O-Ring Cord, J-Seal	4.43	1.19

07 92 Joint Sealants *(07 90)*

07 92 00 00-0001		**Silicone Sealants And Caulking** *(07 92)*		
07 92 00 00-0002	CLF	1/4" x 1/4" Joint, Silicone Sealant And Caulking	301.62	130.34
		For Coloring, Add	*14.73*	
		For 1 Part Mildew Resistant, Add	*14.33*	
		For High-Modulus Non-Acid Curing, Add	*8.19*	
07 92 00 00-0003	CLF	1/4" x 3/8" Joint, Silicone Sealant And Caulking	330.24	134.42
		For Coloring, Add	*22.10*	
		For 1 Part Mildew Resistant, Add	*21.49*	
		For High-Modulus Non-Acid Curing, Add	*12.28*	
07 92 00 00-0004	CLF	1/4" x 1/2" Joint, Silicone Sealant And Caulking	358.81	138.49
		For Coloring, Add	*29.47*	
		For 1 Part Mildew Resistant, Add	*28.65*	
		For High-Modulus Non-Acid Curing, Add	*16.37*	
07 92 00 00-0005	CLF	3/8" x 3/8" Joint, Silicone Sealant And Caulking	369.04	138.49
		For Coloring, Add	*33.16*	
		For 1 Part Mildew Resistant, Add	*32.24*	
		For High-Modulus Non-Acid Curing, Add	*18.42*	
07 92 00 00-0006	CLF	3/8" x 1/2" Joint, Silicone Sealant And Caulking	407.96	142.57
		For Coloring, Add	*44.21*	
		For 1 Part Mildew Resistant, Add	*42.98*	
		For High-Modulus Non-Acid Curing, Add	*24.56*	
07 92 00 00-0007	CLF	3/8" x 5/8" Joint, Silicone Sealant And Caulking	446.80	146.65
		For Coloring, Add	*55.26*	
		For 1 Part Mildew Resistant, Add	*53.73*	
		For High-Modulus Non-Acid Curing, Add	*30.70*	
07 92 00 00-0008	CLF	3/8" x 3/4" Joint, Silicone Sealant And Caulking	493.73	154.78
		For Coloring, Add	*66.32*	
		For 1 Part Mildew Resistant, Add	*64.47*	
		For High-Modulus Non-Acid Curing, Add	*36.84*	
07 92 00 00-0009	CLF	1/2" x 1/2" Joint, Silicone Sealant And Caulking	457.03	146.65
		For Coloring, Add	*58.95*	
		For 1 Part Mildew Resistant, Add	*57.31*	
		For High-Modulus Non-Acid Curing, Add	*32.75*	
07 92 00 00-0010	CLF	1/2" x 5/8" Joint, Silicone Sealant And Caulking	530.53	162.93
		For Coloring, Add	*73.68*	
		For 1 Part Mildew Resistant, Add	*71.63*	
		For High-Modulus Non-Acid Curing, Add	*40.93*	
07 92 00 00-0011	CLF	1/2" x 3/4" Joint, Silicone Sealant And Caulking	587.79	171.09
		For Coloring, Add	*88.42*	
		For 1 Part Mildew Resistant, Add	*85.96*	
		For High-Modulus Non-Acid Curing, Add	*49.12*	
07 92 00 00-0012	CLF	1/2" x 7/8" Joint, Silicone Sealant And Caulking	644.98	179.22
		For Coloring, Add	*103.15*	
		For 1 Part Mildew Resistant, Add	*100.29*	
		For High-Modulus Non-Acid Curing, Add	*57.31*	
07 92 00 00-0013	CLF	1/2" x 1" Joint, Silicone Sealant And Caulking	694.05	183.29
		For Coloring, Add	*117.89*	
		For 1 Part Mildew Resistant, Add	*114.62*	
		For High-Modulus Non-Acid Curing, Add	*65.50*	
07 92 00 00-0014	CLF	3/4" x 3/4" Joint, Silicone Sealant And Caulking	743.21	187.36
		For Coloring, Add	*132.63*	
		For 1 Part Mildew Resistant, Add	*128.94*	
		For High-Modulus Non-Acid Curing, Add	*73.68*	
07 92 00 00-0015	CLF	1" x 1" Joint, Silicone Sealant And Caulking	1,062.29	203.66
		For Coloring, Add	*235.79*	
		For 1 Part Mildew Resistant, Add	*229.24*	
		For High-Modulus Non-Acid Curing, Add	*130.99*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 92 00 00-0016 Acrylic/Latex Sealant And Caulking *(07 92)*

07 92 00 00-0017	CLF	1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking	281.62	130.34
07 92 00 00-0018	CLF	1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	300.20	134.42
07 92 00 00-0019	CLF	1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	318.77	138.49
07 92 00 00-0020	CLF	3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	323.99	138.49
07 92 00 00-0021	CLF	3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	347.90	142.57
07 92 00 00-0022	CLF	3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	371.71	146.65
07 92 00 00-0023	CLF	3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	403.63	154.78
07 92 00 00-0024	CLF	1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	376.94	146.65
07 92 00 00-0025	CLF	1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	430.42	162.93
07 92 00 00-0026	CLF	1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	467.66	171.09
07 92 00 00-0027	CLF	1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking	504.83	179.22
07 92 00 00-0028	CLF	1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking	533.87	183.29
07 92 00 00-0029	CLF	3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	563.02	187.36
07 92 00 00-0030	CLF	1" x 1" Joint, Acrylic/Latex Sealant And Caulking	741.94	203.66

07 92 00 00-0031 Flexible Polysulfide Sealant And Caulking, Clear *(07 92)*

Note: 1 or 2 part, non-sag.

07 92 00 00-0032	CLF	1/4" x 1/4" Joint, Polysulfide Sealant And Caulking	295.08	130.34
07 92 00 00-0033	CLF	1/4" x 3/8" Joint, Polysulfide Sealant And Caulking	320.41	136.05
07 92 00 00-0034	CLF	1/4" x 1/2" Joint, Polysulfide Sealant And Caulking	345.71	138.49
07 92 00 00-0035	CLF	3/8" x 3/8" Joint, Polysulfide Sealant And Caulking	354.30	138.49
07 92 00 00-0036	CLF	3/8" x 1/2" Joint, Polysulfide Sealant And Caulking	388.32	142.57
07 92 00 00-0037	CLF	3/8" x 5/8" Joint, Polysulfide Sealant And Caulking	422.23	146.65
07 92 00 00-0038	CLF	3/8" x 3/4" Joint, Polysulfide Sealant And Caulking	464.24	154.78
07 92 00 00-0039	CLF	1/2" x 1/2" Joint, Polysulfide Sealant And Caulking	430.82	146.65
07 92 00 00-0040	CLF	1/2" x 5/8" Joint, Polysulfide Sealant And Caulking	497.78	162.93
07 92 00 00-0041	CLF	1/2" x 3/4" Joint, Polysulfide Sealant And Caulking	548.48	171.09
07 92 00 00-0042	CLF	1/2" x 7/8" Joint, Polysulfide Sealant And Caulking	599.13	179.22
07 92 00 00-0043	CLF	1/2" x 1" Joint, Polysulfide Sealant And Caulking	641.63	183.29
07 92 00 00-0044	CLF	3/4" x 3/4" Joint, Polysulfide Sealant And Caulking	684.25	187.36
07 92 00 00-0045	CLF	3/4" x 1" Joint, Polysulfide Sealant And Caulking	819.92	203.66

07 92 00 00-0046 Polyurethane Sealant And Caulking *(07 92)*

Note: 1 or 2 part, non-sag.

07 92 00 00-0047	CLF	1/4" x 1/4" Joint, Polyurethane Sealant And Caulking	292.11	130.34
07 92 00 00-0048	CLF	1/4" x 3/8" Joint, Polyurethane Sealant And Caulking	315.92	135.23
07 92 00 00-0049	CLF	1/4" x 1/2" Joint, Polyurethane Sealant And Caulking	339.73	138.49
07 92 00 00-0050	CLF	3/8" x 3/8" Joint, Polyurethane Sealant And Caulking	347.58	138.49
07 92 00 00-0051	CLF	3/8" x 1/2" Joint, Polyurethane Sealant And Caulking	379.35	142.57
07 92 00 00-0052	CLF	3/8" x 5/8" Joint, Polyurethane Sealant And Caulking	411.02	146.65
07 92 00 00-0053	CLF	3/8" x 3/4" Joint, Polyurethane Sealant And Caulking	450.80	154.78
07 92 00 00-0054	CLF	1/2" x 1/2" Joint, Polyurethane Sealant And Caulking	418.87	146.65
07 92 00 00-0055	CLF	1/2" x 5/8" Joint, Polyurethane Sealant And Caulking	482.84	162.93
07 92 00 00-0056	CLF	1/2" x 3/4" Joint, Polyurethane Sealant And Caulking	530.55	171.09
07 92 00 00-0057	CLF	1/2" x 7/8" Joint, Polyurethane Sealant And Caulking	578.21	179.22
07 92 00 00-0058	CLF	1/2" x 1" Joint, Polyurethane Sealant And Caulking	617.74	183.29
07 92 00 00-0059	CLF	3/4" x 3/4" Joint, Polyurethane Sealant And Caulking	657.36	187.36
07 92 00 00-0060	CLF	3/4" x 1" Joint, Polyurethane Sealant And Caulking	784.08	203.66

07 92 00 00-0061 Masonry/Tile Floor Sealants *(07 92)*

07 92 00 00-0062	SF	Masonry/Tile/Stone/Terrazzo Floor Sealant, Per Coat Note: For unglazed tile or unpolished stone, matte finish.	0.97	
07 92 00 00-0063	SF	Masonry/Tile/Stone/Terrazzo Floor Sealant (Fluorochemical Acrylate Copolymer)	1.07	
07 92 00 00-0064	GAL	Masonry/Tile/Stone/Terrazzo Floor Sealant (Extra To Be Provided To Owner)	35.58	

07 92 00 00-0065 Flexible Polyurethane Security Sealant And Caulking *(07 92)*

Note: 1 or 2 part, non-sag.

07 92 00 00-0066	CLF	1/4" x 1/4" Joint, Flexible Polyurethane Security Sealant And Caulking	302.38	130.34
07 92 00 00-0067	CLF	1/4" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	331.33	135.23
07 92 00 00-0068	CLF	1/4" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	360.28	138.49
07 92 00 00-0069	CLF	3/8" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	370.69	138.49
07 92 00 00-0070	CLF	3/8" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	410.17	142.57
07 92 00 00-0071	CLF	3/8" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	449.55	146.65
07 92 00 00-0072	CLF	3/8" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	497.03	154.78
07 92 00 00-0073	CLF	1/2" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	459.97	146.65
07 92 00 00-0074	CLF	1/2" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	534.20	162.93
07 92 00 00-0075	CLF	1/2" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	592.19	171.09
07 92 00 00-0076	CLF	1/2" x 7/8" Joint, Flexible Polyurethane Security Sealant And Caulking	650.12	179.22
07 92 00 00-0077	CLF	1/2" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	699.92	183.29
07 92 00 00-0078	CLF	3/4" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	749.82	187.36
07 92 00 00-0079	CLF	3/4" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	907.35	203.66

07 95 Expansion Control *(07 90)*

07 95 13 Expansion Joint Cover Assemblies *(07 95)*

Note: Includes necessary waterproofing mastics/caulking.

07 95 13 00-0001 Floor Assembly Type *(07 95 13)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 95 13 00-0002		With 1" Space *(07 95 13 00-0001)*		
07 95 13 00-0003	LF	Aluminum Expansion Joint Cover, 1" Opening Floor Assembly Type	36.37	5.20
07 95 13 00-0004	LF	Bronze Expansion Joint Cover, 1" Opening Floor Assembly Type	59.67	5.20
07 95 13 00-0005	LF	Stainless Steel Expansion Joint Cover, 1" Opening Floor Assembly Type	69.28	5.20
07 95 13 00-0006		With 2" Space *(07 95 13 00-0001)*		
07 95 13 00-0007	LF	Aluminum Expansion Joint Cover, 2" Opening Floor Assembly Type	43.14	5.20
07 95 13 00-0008	LF	Bronze Expansion Joint Cover, 2" Opening Floor Assembly Type	71.95	5.20
07 95 13 00-0009	LF	Stainless Steel Expansion Joint Cover, 2" Opening Floor Assembly Type	92.50	5.20
07 95 13 00-0010		Ceiling And Wall Assembly Type *(07 95 13)*		
07 95 13 00-0011		With 1" Space *(07 95 13 00-0010)*		
07 95 13 00-0012	LF	Aluminum Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type	29.60	5.20
07 95 13 00-0013	LF	Bronze Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type	47.39	5.20
07 95 13 00-0014	LF	Stainless Steel Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type	57.67	5.20
07 95 13 00-0015		With 2" Space *(07 95 13 00-0010)*		
07 95 13 00-0016	LF	Aluminum Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type	33.66	5.20
07 95 13 00-0017	LF	Bronze Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type	53.53	5.20
07 95 13 00-0018	LF	Stainless Steel Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type	69.28	5.20
07 95 13 00-0019		Roof To Roof *(07 95 13)*		
07 95 13 00-0020	LF	Exterior Roof To Roof Expansion Joint, 1" Opening Aluminum Assemblies	36.55	3.47
07 95 13 00-0021	LF	Exterior Roof To Roof Expansion Joint, 2" Opening Aluminum Assemblies	42.25	3.47
07 95 13 00-0022		Roof To Wall *(07 95 13)*		
07 95 13 00-0023	LF	Exterior Roof To Wall Expansion Joint, 1" Opening Aluminum Assemblies	30.31	3.47
07 95 13 00-0024	LF	Exterior Roof To Wall Expansion Joint, 2" Opening Aluminum Assemblies	37.28	3.47
07 95 13 00-0025		Flat Wall To Wall *(07 95 13)*		
07 95 13 00-0026	LF	Exterior Wall To Wall Expansion Joint, 1" Opening Aluminum Assemblies	24.21	3.47
07 95 13 00-0027	LF	Exterior Wall To Wall Expansion Joint, 2" Opening Aluminum Assemblies	28.40	3.47
07 95 13 00-0028		Corner To Flat Wall *(07 95 13)*		
07 95 13 00-0029	LF	Exterior Corner To Wall Expansion Joint, 1" Opening Aluminum Assemblies	24.14	3.47
07 95 13 00-0030	LF	Exterior Corner To Wall Expansion Joint, 2" Opening Aluminum Assemblies	26.93	3.47

END OF SECTION 07

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 Openings

08 01 Operation And Maintenance Of Openings *(08)*

08 01 10 Operation And Maintenance Of Doors And Frames *(08 01)*

08 01 11 Operation and Maintenance of Metal Doors and Frames *(08 01 10)*

08 01 11 00-0001 Hollow Metal Door Repair *(08 01 11)*
Note: Repairs are based on holes or damage of less than 1/2 of a square foot.

08 01 11 00-0002	SF	Patch Small Drill Holes	6.63
08 01 11 00-0003	LF	Patch Deep Scrapes Or Cuts In Doors	33.15
08 01 11 00-0004	IN	Patch Holes Larger Than Normal Drill Holes (By Diameter Of Holes)	9.95

08 01 50 Operation And Maintenance Of Windows *(08 01)*

08 01 52 Operation and Maintenance of Wood Windows *(08 01 50)*

08 01 52 61 Wood Window Repairs *(08 01 52)*

08 01 52 61-0001 Window Restoration And Replacement *(08 01 52 61)*

08 01 52 61-0002	EA	Remove And Replace Sash Guides	8.95
08 01 52 61-0003	EA	Remove And Replace Window Arms	24.87
08 01 52 61-0004	EA	Remove And Replace Window Crank Operator	26.81
08 01 52 61-0005	EA	Remove And Replace Brass Window Sash Pull	17.24
08 01 52 61-0006	EA	Remove And Replace Brass Window Sash Lock	15.73
08 01 52 61-0007	EA	Remove And Replace Window Balance, Removable Sash Window Note: Channel, spiral or coil balance.	18.72
08 01 52 61-0008	EA	Remove And Replace Window Balance, Sash Window Requiring The Removal And Replacement Of Wooden Stops And/Or Casing Note: Channel, spiral or coil balance.	59.48
		For Replacing Two Balances In One Window, Deduct	*-22.50*

08 01 80 Maintenance of Glazing *(08 01)*

08 01 81 Maintenance of Glass Glazing *(08 01 80)*

08 01 81 00-0001 Glazing Compound Repair *(08 01 81)*

08 01 81 00-0002	LF	Replace Damaged, Broken Or Cracked Window Glazing Up To 1/2" Wide Note: Compound installation includes removal of existing.	3.87

08 05 Common Work Results For Openings *(08)*

08 05 13 Door Options And Modifications *(08 05)*

Note: Excludes removal and reinstallation of door.

08 05 13 00-0001 Door Vision Panels *(08 05 13)*
See CSI section 08 81 00 00-0000 for glazing.

08 05 13 00-0002	EA	For Up To 1 SF, Factory Installed 20 Gauge Metal Frame For Vision Glass In Door, Add	70.47
08 05 13 00-0003	EA	For >1 To 2 SF, Factory Installed 20 Gauge Metal Frame For Vision Glass In Door, Add	89.20
08 05 13 00-0004	EA	For >2 To 4 SF, Factory Installed 20 Gauge Metal Frame For Vision Glass In Door, Add	103.47
08 05 13 00-0005	EA	For >4 To 6 SF, Factory Installed 20 Gauge Metal Frame For Vision Glass In Door, Add	132.01
08 05 13 00-0006	EA	For >6 To 8 SF, Factory Installed 20 Gauge Metal Frame For Vision Glass In Door, Add	171.26
08 05 13 00-0007	EA	For >8 To 10 SF, Factory Installed 20 Gauge Metal Frame For Vision Glass In Door, Add	218.54
08 05 13 00-0008	EA	For >10 SF, Factory Installed 20 Gauge Metal Frame For Vision Glass In Door, Add	231.92
08 05 13 00-0009	EA	For Up To 1 SF, Site Installed 20 Gauge Metal Frame For Vision Glass In Door, Add	145.56
08 05 13 00-0010	EA	For >1 To 2 SF, Site Installed 20 Gauge Metal Frame For Vision Glass In Door, Add	170.74
08 05 13 00-0011	EA	For >2 To 4 SF, Site Installed 20 Gauge Metal Frame For Vision Glass In Door, Add	191.86
08 05 13 00-0012	EA	For >4 To 6 SF, Site Installed 20 Gauge Metal Frame For Vision Glass In Door, Add	225.96
08 05 13 00-0013	EA	For >6 To 8 SF, Site Installed 20 Gauge Metal Frame For Vision Glass In Door, Add	269.79
08 05 13 00-0014	EA	For >8 To 10 SF, Site Installed 20 Gauge Metal Frame For Vision Glass In Door, Add	320.92
08 05 13 00-0015	EA	For >10 SF, Site Installed 20 Gauge Metal Frame For Vision Glass In Door, Add	341.22

08 05 13 00-0016 Door Louvers *(08 05 13)*

08 05 13 00-0017	EA	For Up To 1 SF, Factory Installed 20 Gauge Metal Louver In Door, Add	87.42
08 05 13 00-0018	EA	For >1 To 2 SF, Factory Installed 20 Gauge Metal Louver In Door, Add	98.12
08 05 13 00-0019	EA	For >2 To 4 SF, Factory Installed 20 Gauge Metal Louver In Door, Add	130.23
08 05 13 00-0020	EA	For >4 To 6 SF, Factory Installed 20 Gauge Metal Louver In Door, Add	206.94
08 05 13 00-0021	EA	For >6 To 8 SF, Factory Installed 20 Gauge Metal Louver In Door, Add	273.84
08 05 13 00-0022	EA	For >8 To 10 SF, Factory Installed 20 Gauge Metal Louver In Door, Add	340.74
08 05 13 00-0023	EA	For >10 SF, Factory Installed 20 Gauge Metal Louver In Door, Add	388.02
08 05 13 00-0024	EA	For Up To 1 SF, Site Installed 20 Gauge Metal Louver In Door, Add	148.54
08 05 13 00-0025	EA	For >1 To 2 SF, Site Installed 20 Gauge Metal Louver In Door, Add	165.36
08 05 13 00-0026	EA	For >2 To 4 SF, Site Installed 20 Gauge Metal Louver In Door, Add	203.58
08 05 13 00-0027	EA	For >4 To 6 SF, Site Installed 20 Gauge Metal Louver In Door, Add	286.40
08 05 13 00-0028	EA	For >6 To 8 SF, Site Installed 20 Gauge Metal Louver In Door, Add	359.41
08 05 13 00-0029	EA	For >8 To 10 SF, Site Installed 20 Gauge Metal Louver In Door, Add	432.43
08 05 13 00-0030	EA	For >10 SF, Site Installed 20 Gauge Metal Louver In Door, Add	485.82

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0031		Door Hardware Preparation *(08 05 13)*		
08 05 13 00-0032	EA	Prepare Existing Wood Door (Rated) For Mortise Hardware Note: Requires door to be taken off site for UL certification.	150.71	
08 05 13 00-0033	EA	Prepare Existing Wood Door (Non Rated) For Mortise Hardware	69.25	
08 05 13 00-0034	EA	Prepare Existing Wood Door (Rated) For Cylindrical Hardware Note: Requires door to be taken off site for UL certification.	122.20	
08 05 13 00-0035	EA	Prepare Existing Wood Door (Non Rated) For Cylindrical Hardware	20.36	
08 05 13 00-0036	EA	Prepare Existing Wood Door (Rated) For Concealed Vertical Rod Note: Requires door to be taken off site for UL certification.	224.06	
08 05 13 00-0037	EA	Prepare Existing Wood Door (Non Rated) For Concealed Vertical Rod	142.57	
08 05 13 00-0038	EA	Prepare Existing Wood Door (Rated) For Electric Hardware Note: Requires door to be taken off site for UL certification.	150.71	
08 05 13 00-0039	EA	Prepare Existing Door (Non Rated) For Electric Hardware	69.25	
08 05 13 00-0040		Door Modifications *(08 05 13)*		
08 05 13 00-0041	EA	For Factory Installed Sound Proofing (STC 28) In Metal Door, Add	67.45	
08 05 13 00-0042	SF	For 16 Gauge Steel Metal Plate Bolted On Door Note: Includes mounting hardware.	15.78	
08 05 13 00-0043	EA	For 20 Oz Copper Drip Cap For Exterior Door	98.78	
08 05 13 00-0044	EA	Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile Note: Excludes removal and reinstallation of door.	73.35	
08 05 13 00-0045	EA	Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile Note: Excludes removal and reinstallation of door.	36.97	
08 05 13 00-0046	EA	Modify Metal Door Frame For Door Swing Note: Includes removal of door, blank hinge plates, continuous hinge, blank strike plate, new strike plate and reinstallation of door.	833.42	
08 05 13 00-0047	EA	Remove And Reinstall Metal Door	79.41	
08 05 13 00-0048	EA	Remove And Reinstall Wood Door	81.20	
08 05 13 00-0049	EA	Remove And Reinstall Metal Door Frame	156.11	
08 05 13 00-0050	EA	Remove And Reinstall Wood Door Frame	94.10	
08 05 13 00-0051	EA	For Factory Installed Fire Bottom Seal In Wood Door, Add	75.26	
08 05 13 00-0052	EA	For Factory Installed Fire Bottom Seal In Steel Door, Add	91.69	

08 10 Doors And Frames *(08)*

08 11 Metal Doors And Frames *(08 10)*

08 11 63 Metal Screen And Storm Doors And Frames *(08 11)*

08 11 63 13 Steel Screen And Storm Doors And Frames *(08 11 63)*

08 11 63 13-0001		Steel Screen Door *(08 11 63 13)* Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).		
08 11 63 13-0002	EA	2'-8" x 7" Steel Screen Door, Residential, With Frame, Trim, Hardware	547.41	112.06
08 11 63 13-0003	EA	3' x 7' Steel Screen Door, Residential, With Frame, Trim, Hardware	555.59	116.14
08 11 63 13-0004	EA	Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware	683.31	116.14

08 11 63 23 Aluminum Screen And Storm Doors And Frames *(08 11 63)*

08 11 63 23-0001		Aluminum Combination Type With Tempered Glass At Top And Bottom *(08 11 63 23)* Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).		
08 11 63 23-0002	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware	383.99	65.20
		For Special Finished, Add	*26.52*	
08 11 63 23-0003	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware	398.90	65.20
08 11 63 23-0004	EA	Aluminum Screen Door	256.86	40.73
08 11 63 23-0005	SF	Repair Screen Door	5.53	

08 11 73 Sliding Metal Fire Doors *(08 11)*

08 11 73 00-0001		Motor Operated Fire Door *(08 11 73)* Note: With fusible link, 3 hour rating. Excludes electrical hook-up of motor.		
08 11 73 00-0002	EA	3' x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	3,237.32	433.64
08 11 73 00-0003	EA	3' 8" x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	3,401.23	433.64
08 11 73 00-0004	EA	4' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	3,671.33	433.64
08 11 73 00-0005	EA	5' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	3,969.67	433.64

08 12 Metal Frames *(08 10)*

Note: All door frames include perimeter caulk, sealant (as required), anchors and silencers.

08 12 13 Hollow Metal Frames *(08 12)*

08 12 13 13 Standard Hollow Metal Frames *(08 12 13)*

Note: Shop prime coat. See CSI section 04 05 16 26-0017 for grouting frames.

08 12 13 13-0001 Metal Frames 4-3/4" Depth x 16 Gauge, Knock-Down *(08 12 13 13)*

08 12 13 13-0002 6'-8" Through 7'-2" High *(08 12 13 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0003	EA	2' x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge	207.37	61.12
		For Auxiliary Frame Reinforcement For Hinges, Add	*12.77*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*10.21*	
		For Type 304 Stainless Steel Frame, Add	*159.33*	
		For Type 316 Stainless Steel Frame, Add	*184.86*	
		For Baked Enamel Finish, Add	*43.87*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-8.51*	
		For 14 Gauge Frame, Add	*21.28*	
		For 12 Gauge Frame, Add	*32.35*	
08 12 13 13-0004	EA	2'-4" x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge	235.80	67.24
		For Auxiliary Frame Reinforcement For Hinges, Add	*15.20*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*12.16*	
		For Type 304 Stainless Steel Frame, Add	*189.12*	
		For Type 316 Stainless Steel Frame, Add	*219.52*	
		For Baked Enamel Finish, Add	*50.57*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-10.13*	
		For 14 Gauge Frame, Add	*25.33*	
		For 12 Gauge Frame, Add	*38.51*	
08 12 13 13-0005	EA	2'-6" x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge	245.57	71.31
		For Auxiliary Frame Reinforcement For Hinges, Add	*15.44*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*12.35*	
		For Type 304 Stainless Steel Frame, Add	*192.44*	
		For Type 316 Stainless Steel Frame, Add	*223.33*	
		For Baked Enamel Finish, Add	*52.28*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-10.30*	
		For 14 Gauge Frame, Add	*25.74*	
		For 12 Gauge Frame, Add	*39.12*	
08 12 13 13-0006	EA	2'-8" x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge	257.79	77.43
		For Auxiliary Frame Reinforcement For Hinges, Add	*15.44*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*12.35*	
		For Type 304 Stainless Steel Frame, Add	*193.05*	
		For Type 316 Stainless Steel Frame, Add	*223.94*	
		For Baked Enamel Finish, Add	*54.11*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-10.30*	
		For 14 Gauge Frame, Add	*25.74*	
		For 12 Gauge Frame, Add	*39.12*	
08 12 13 13-0007	EA	3' x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge	269.18	81.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*15.93*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*12.74*	
		For Type 304 Stainless Steel Frame, Add	*199.29*	
		For Type 316 Stainless Steel Frame, Add	*231.15*	
		For Baked Enamel Finish, Add	*56.31*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-10.62*	
		For 14 Gauge Frame, Add	*26.55*	
		For 12 Gauge Frame, Add	*40.35*	
08 12 13 13-0008	EA	3'-4" x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge	284.64	85.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*17.02*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*13.62*	
		For Type 304 Stainless Steel Frame, Add	*212.84*	
		For Type 316 Stainless Steel Frame, Add	*246.89*	
		For Baked Enamel Finish, Add	*59.72*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-11.35*	
		For 14 Gauge Frame, Add	*28.37*	
		For 12 Gauge Frame, Add	*43.13*	
08 12 13 13-0009	EA	3'-6" x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge	292.78	89.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*17.02*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*13.62*	
		For Type 304 Stainless Steel Frame, Add	*213.25*	
		For Type 316 Stainless Steel Frame, Add	*247.29*	
		For Baked Enamel Finish, Add	*60.94*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-11.35*	
		For 14 Gauge Frame, Add	*28.37*	
		For 12 Gauge Frame, Add	*43.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0010	EA	4' x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge	304.98	93.72
		For Auxiliary Frame Reinforcement For Hinges, Add	*17.63*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*14.10*	
		For Type 304 Stainless Steel Frame, Add	*220.94*	
		For Type 316 Stainless Steel Frame, Add	*256.21*	
		For Baked Enamel Finish, Add	*63.38*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-11.75*	
		For 14 Gauge Frame, Add	*29.39*	
		For 12 Gauge Frame, Add	*44.67*	
08 12 13 13-0011	EA	5' x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge	317.20	97.80
		For Auxiliary Frame Reinforcement For Hinges, Add	*18.24*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*14.59*	
		For Type 304 Stainless Steel Frame, Add	*228.66*	
		For Type 316 Stainless Steel Frame, Add	*265.14*	
		For Baked Enamel Finish, Add	*65.82*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-12.16*	
		For 14 Gauge Frame, Add	*30.40*	
		For 12 Gauge Frame, Add	*46.21*	
08 12 13 13-0012	EA	5'-4" x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge	325.34	101.88
		For Auxiliary Frame Reinforcement For Hinges, Add	*18.24*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*14.59*	
		For Type 304 Stainless Steel Frame, Add	*229.07*	
		For Type 316 Stainless Steel Frame, Add	*265.55*	
		For Baked Enamel Finish, Add	*67.04*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-12.16*	
		For 14 Gauge Frame, Add	*30.40*	
		For 12 Gauge Frame, Add	*46.21*	
08 12 13 13-0013	EA	6' x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge	337.54	105.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*18.85*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*15.08*	
		For Type 304 Stainless Steel Frame, Add	*236.76*	
		For Type 316 Stainless Steel Frame, Add	*274.46*	
		For Baked Enamel Finish, Add	*69.48*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-12.57*	
		For 14 Gauge Frame, Add	*31.41*	
		For 12 Gauge Frame, Add	*47.75*	
08 12 13 13-0014	EA	7' x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge	349.73	107.99
		For Auxiliary Frame Reinforcement For Hinges, Add	*20.06*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*16.05*	
		For Type 304 Stainless Steel Frame, Add	*251.57*	
		For Type 316 Stainless Steel Frame, Add	*291.69*	
		For Baked Enamel Finish, Add	*72.52*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-13.38*	
		For 14 Gauge Frame, Add	*33.44*	
		For 12 Gauge Frame, Add	*50.83*	
08 12 13 13-0015	EA	8' x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge	361.91	110.02
		For Auxiliary Frame Reinforcement For Hinges, Add	*21.28*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*17.02*	
		For Type 304 Stainless Steel Frame, Add	*266.35*	
		For Type 316 Stainless Steel Frame, Add	*308.91*	
		For Baked Enamel Finish, Add	*75.57*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-14.19*	
		For 14 Gauge Frame, Add	*35.47*	
		For 12 Gauge Frame, Add	*53.91*	

08 12 13 13-0016 >7'-2" Through 9'-0" High *(08 12 13 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0017	EA	2' x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge	216.83	61.12
		For Auxiliary Frame Reinforcement For Hinges, Add	*14.19*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*11.35*	
		For Type 304 Stainless Steel Frame, Add	*176.36*	
		For Type 316 Stainless Steel Frame, Add	*204.73*	
		For Baked Enamel Finish, Add	*46.71*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-9.46*	
		For 14 Gauge Frame, Add	*23.65*	
		For 12 Gauge Frame, Add	*35.94*	
08 12 13 13-0018	EA	2'-4" x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge	247.06	67.24
		For Auxiliary Frame Reinforcement For Hinges, Add	*16.89*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*13.51*	
		For Type 304 Stainless Steel Frame, Add	*209.39*	
		For Type 316 Stainless Steel Frame, Add	*243.16*	
		For Baked Enamel Finish, Add	*53.95*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-11.26*	
		For 14 Gauge Frame, Add	*28.15*	
		For 12 Gauge Frame, Add	*42.78*	
08 12 13 13-0019	EA	2'-6" x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge	257.01	71.31
		For Auxiliary Frame Reinforcement For Hinges, Add	*17.16*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*13.73*	
		For Type 304 Stainless Steel Frame, Add	*213.03*	
		For Type 316 Stainless Steel Frame, Add	*247.35*	
		For Baked Enamel Finish, Add	*55.71*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-11.44*	
		For 14 Gauge Frame, Add	*28.60*	
		For 12 Gauge Frame, Add	*43.47*	
08 12 13 13-0020	EA	2'-8" x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge	269.23	77.43
		For Auxiliary Frame Reinforcement For Hinges, Add	*17.16*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*13.73*	
		For Type 304 Stainless Steel Frame, Add	*213.64*	
		For Type 316 Stainless Steel Frame, Add	*247.96*	
		For Baked Enamel Finish, Add	*57.54*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-11.44*	
		For 14 Gauge Frame, Add	*28.60*	
		For 12 Gauge Frame, Add	*43.47*	
08 12 13 13-0021	EA	3' x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge	280.98	81.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*17.70*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*14.16*	
		For Type 304 Stainless Steel Frame, Add	*220.53*	
		For Type 316 Stainless Steel Frame, Add	*255.93*	
		For Baked Enamel Finish, Add	*59.85*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-11.80*	
		For 14 Gauge Frame, Add	*29.50*	
		For 12 Gauge Frame, Add	*44.84*	
08 12 13 13-0022	EA	3'-4" x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge	297.25	85.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*18.92*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*15.13*	
		For Type 304 Stainless Steel Frame, Add	*235.54*	
		For Type 316 Stainless Steel Frame, Add	*273.37*	
		For Baked Enamel Finish, Add	*63.50*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-12.61*	
		For 14 Gauge Frame, Add	*31.53*	
		For 12 Gauge Frame, Add	*47.92*	
08 12 13 13-0023	EA	3'-6" x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge	305.39	89.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*18.92*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*15.13*	
		For Type 304 Stainless Steel Frame, Add	*235.94*	
		For Type 316 Stainless Steel Frame, Add	*273.77*	
		For Baked Enamel Finish, Add	*64.72*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-12.61*	
		For 14 Gauge Frame, Add	*31.53*	
		For 12 Gauge Frame, Add	*47.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0024	EA	4' x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge	318.04	93.72
		For Auxiliary Frame Reinforcement For Hinges, Add	*19.59*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*15.67*	
		For Type 304 Stainless Steel Frame, Add	*244.45*	
		For Type 316 Stainless Steel Frame, Add	*283.63*	
		For Baked Enamel Finish, Add	*67.30*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-13.06*	
		For 14 Gauge Frame, Add	*32.65*	
		For 12 Gauge Frame, Add	*49.63*	
08 12 13 13-0025	EA	5' x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge	330.71	97.80
		For Auxiliary Frame Reinforcement For Hinges, Add	*20.27*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*16.21*	
		For Type 304 Stainless Steel Frame, Add	*252.98*	
		For Type 316 Stainless Steel Frame, Add	*293.51*	
		For Baked Enamel Finish, Add	*69.87*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-13.51*	
		For 14 Gauge Frame, Add	*33.78*	
		For 12 Gauge Frame, Add	*51.34*	
08 12 13 13-0026	EA	5'-4" x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge	338.85	101.88
		For Auxiliary Frame Reinforcement For Hinges, Add	*20.27*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*16.21*	
		For Type 304 Stainless Steel Frame, Add	*253.39*	
		For Type 316 Stainless Steel Frame, Add	*293.92*	
		For Baked Enamel Finish, Add	*71.09*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-13.51*	
		For 14 Gauge Frame, Add	*33.78*	
		For 12 Gauge Frame, Add	*51.34*	
08 12 13 13-0027	EA	6' x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge	351.50	105.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*20.94*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*16.75*	
		For Type 304 Stainless Steel Frame, Add	*261.89*	
		For Type 316 Stainless Steel Frame, Add	*303.78*	
		For Baked Enamel Finish, Add	*73.67*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-13.96*	
		For 14 Gauge Frame, Add	*34.90*	
		For 12 Gauge Frame, Add	*53.05*	
08 12 13 13-0028	EA	7' x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge	364.59	107.99
		For Auxiliary Frame Reinforcement For Hinges, Add	*22.29*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*17.83*	
		For Type 304 Stainless Steel Frame, Add	*278.31*	
		For Type 316 Stainless Steel Frame, Add	*322.90*	
		For Baked Enamel Finish, Add	*76.98*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-14.86*	
		For 14 Gauge Frame, Add	*37.16*	
		For 12 Gauge Frame, Add	*56.48*	
08 12 13 13-0029	EA	8' x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge	377.68	110.02
		For Auxiliary Frame Reinforcement For Hinges, Add	*23.64*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*18.92*	
		For Type 304 Stainless Steel Frame, Add	*294.74*	
		For Type 316 Stainless Steel Frame, Add	*342.03*	
		For Baked Enamel Finish, Add	*80.30*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-15.76*	
		For 14 Gauge Frame, Add	*39.41*	
		For 12 Gauge Frame, Add	*59.90*	

08 12 13 13-0030 Metal Frames 5-3/4" Depth x 16 Gauge, Knock-Down *(08 12 13 13)*

08 12 13 13-0031 6'-8" Through 7'-2" High *(08 12 13 13-0030)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0032	EA	2' x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge	216.83	61.12
		For Auxiliary Frame Reinforcement For Hinges, Add	*14.19*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*11.35*	
		For Type 304 Stainless Steel Frame, Add	*176.36*	
		For Type 316 Stainless Steel Frame, Add	*204.73*	
		For Baked Enamel Finish, Add	*46.71*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-9.46*	
		For 14 Gauge Frame, Add	*23.65*	
		For 12 Gauge Frame, Add	*35.94*	
08 12 13 13-0033	EA	2'-4" x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge	247.06	67.24
		For Auxiliary Frame Reinforcement For Hinges, Add	*16.89*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*13.51*	
		For Type 304 Stainless Steel Frame, Add	*209.39*	
		For Type 316 Stainless Steel Frame, Add	*243.16*	
		For Baked Enamel Finish, Add	*53.95*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-11.26*	
		For 14 Gauge Frame, Add	*28.15*	
		For 12 Gauge Frame, Add	*42.78*	
08 12 13 13-0034	EA	2'-6" x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge	257.01	71.31
		For Auxiliary Frame Reinforcement For Hinges, Add	*17.16*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*13.73*	
		For Type 304 Stainless Steel Frame, Add	*213.03*	
		For Type 316 Stainless Steel Frame, Add	*247.35*	
		For Baked Enamel Finish, Add	*55.71*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-11.44*	
		For 14 Gauge Frame, Add	*28.60*	
		For 12 Gauge Frame, Add	*43.47*	
08 12 13 13-0035	EA	2'-8" x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge	269.23	77.43
		For Auxiliary Frame Reinforcement For Hinges, Add	*17.16*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*13.73*	
		For Type 304 Stainless Steel Frame, Add	*213.64*	
		For Type 316 Stainless Steel Frame, Add	*247.96*	
		For Baked Enamel Finish, Add	*57.54*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-11.44*	
		For 14 Gauge Frame, Add	*28.60*	
		For 12 Gauge Frame, Add	*43.47*	
08 12 13 13-0036	EA	3' x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge	280.98	81.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*17.70*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*14.16*	
		For Type 304 Stainless Steel Frame, Add	*220.53*	
		For Type 316 Stainless Steel Frame, Add	*255.93*	
		For Baked Enamel Finish, Add	*59.85*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-11.80*	
		For 14 Gauge Frame, Add	*29.50*	
		For 12 Gauge Frame, Add	*44.84*	
08 12 13 13-0037	EA	3'-4" x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge	297.25	85.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*18.92*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*15.13*	
		For Type 304 Stainless Steel Frame, Add	*235.54*	
		For Type 316 Stainless Steel Frame, Add	*273.37*	
		For Baked Enamel Finish, Add	*63.50*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-12.61*	
		For 14 Gauge Frame, Add	*31.53*	
		For 12 Gauge Frame, Add	*47.92*	
08 12 13 13-0038	EA	3'-6" x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge	305.39	89.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*18.92*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*15.13*	
		For Type 304 Stainless Steel Frame, Add	*235.94*	
		For Type 316 Stainless Steel Frame, Add	*273.77*	
		For Baked Enamel Finish, Add	*64.72*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-12.61*	
		For 14 Gauge Frame, Add	*31.53*	
		For 12 Gauge Frame, Add	*47.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0039	EA	4' x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge	318.04	93.72
		For Auxiliary Frame Reinforcement For Hinges, Add	*19.59*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*15.67*	
		For Type 304 Stainless Steel Frame, Add	*244.45*	
		For Type 316 Stainless Steel Frame, Add	*283.63*	
		For Baked Enamel Finish, Add	*67.30*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-13.06*	
		For 14 Gauge Frame, Add	*32.65*	
		For 12 Gauge Frame, Add	*49.63*	
08 12 13 13-0040	EA	5' x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge	330.71	97.80
		For Auxiliary Frame Reinforcement For Hinges, Add	*20.27*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*16.21*	
		For Type 304 Stainless Steel Frame, Add	*252.98*	
		For Type 316 Stainless Steel Frame, Add	*293.51*	
		For Baked Enamel Finish, Add	*69.87*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-13.51*	
		For 14 Gauge Frame, Add	*33.78*	
		For 12 Gauge Frame, Add	*51.34*	
08 12 13 13-0041	EA	5'-4" x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge	338.85	101.88
		For Auxiliary Frame Reinforcement For Hinges, Add	*20.27*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*16.21*	
		For Type 304 Stainless Steel Frame, Add	*253.39*	
		For Type 316 Stainless Steel Frame, Add	*293.92*	
		For Baked Enamel Finish, Add	*71.09*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-13.51*	
		For 14 Gauge Frame, Add	*33.78*	
		For 12 Gauge Frame, Add	*51.34*	
08 12 13 13-0042	EA	6' x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge	351.50	105.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*20.94*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*16.75*	
		For Type 304 Stainless Steel Frame, Add	*261.89*	
		For Type 316 Stainless Steel Frame, Add	*303.78*	
		For Baked Enamel Finish, Add	*73.67*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-13.96*	
		For 14 Gauge Frame, Add	*34.90*	
		For 12 Gauge Frame, Add	*53.05*	
08 12 13 13-0043	EA	7' x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge	364.59	107.99
		For Auxiliary Frame Reinforcement For Hinges, Add	*22.29*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*17.83*	
		For Type 304 Stainless Steel Frame, Add	*278.31*	
		For Type 316 Stainless Steel Frame, Add	*322.90*	
		For Baked Enamel Finish, Add	*76.98*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-14.86*	
		For 14 Gauge Frame, Add	*37.16*	
		For 12 Gauge Frame, Add	*56.48*	
08 12 13 13-0044	EA	8' x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge	377.68	110.02
		For Auxiliary Frame Reinforcement For Hinges, Add	*23.64*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*18.92*	
		For Type 304 Stainless Steel Frame, Add	*294.74*	
		For Type 316 Stainless Steel Frame, Add	*342.03*	
		For Baked Enamel Finish, Add	*80.30*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-15.76*	
		For 14 Gauge Frame, Add	*39.41*	
		For 12 Gauge Frame, Add	*59.90*	

08 12 13 13-0045 >7'-2" Through 9'-0" High *(08 12 13 13-0030)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0046	EA	2' x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge	227.33	61.12
		For Auxiliary Frame Reinforcement For Hinges, Add	*15.76*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*12.61*	
		For Type 304 Stainless Steel Frame, Add	*195.26*	
		For Type 316 Stainless Steel Frame, Add	*226.78*	
		For Baked Enamel Finish, Add	*49.86*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-10.51*	
		For 14 Gauge Frame, Add	*26.27*	
		For 12 Gauge Frame, Add	*39.93*	
08 12 13 13-0047	EA	2'-4" x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge	259.57	67.24
		For Auxiliary Frame Reinforcement For Hinges, Add	*18.77*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*15.01*	
		For Type 304 Stainless Steel Frame, Add	*231.90*	
		For Type 316 Stainless Steel Frame, Add	*269.43*	
		For Baked Enamel Finish, Add	*57.70*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-12.51*	
		For 14 Gauge Frame, Add	*31.28*	
		For 12 Gauge Frame, Add	*47.54*	
08 12 13 13-0048	EA	2'-6" x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge	269.72	71.31
		For Auxiliary Frame Reinforcement For Hinges, Add	*19.07*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*15.25*	
		For Type 304 Stainless Steel Frame, Add	*235.91*	
		For Type 316 Stainless Steel Frame, Add	*274.04*	
		For Baked Enamel Finish, Add	*59.52*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-12.71*	
		For 14 Gauge Frame, Add	*31.78*	
		For 12 Gauge Frame, Add	*48.30*	
08 12 13 13-0049	EA	2'-8" x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge	281.94	77.43
		For Auxiliary Frame Reinforcement For Hinges, Add	*19.07*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*15.25*	
		For Type 304 Stainless Steel Frame, Add	*236.52*	
		For Type 316 Stainless Steel Frame, Add	*274.65*	
		For Baked Enamel Finish, Add	*61.36*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-12.71*	
		For 14 Gauge Frame, Add	*31.78*	
		For 12 Gauge Frame, Add	*48.30*	
08 12 13 13-0050	EA	3' x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge	294.09	81.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*19.67*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*15.73*	
		For Type 304 Stainless Steel Frame, Add	*244.13*	
		For Type 316 Stainless Steel Frame, Add	*283.46*	
		For Baked Enamel Finish, Add	*63.78*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-13.11*	
		For 14 Gauge Frame, Add	*32.78*	
		For 12 Gauge Frame, Add	*49.82*	
08 12 13 13-0051	EA	3'-4" x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge	311.26	85.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*21.02*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*16.81*	
		For Type 304 Stainless Steel Frame, Add	*260.76*	
		For Type 316 Stainless Steel Frame, Add	*302.79*	
		For Baked Enamel Finish, Add	*67.71*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-14.01*	
		For 14 Gauge Frame, Add	*35.03*	
		For 12 Gauge Frame, Add	*53.24*	
08 12 13 13-0052	EA	3'-6" x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge	319.40	89.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*21.02*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*16.81*	
		For Type 304 Stainless Steel Frame, Add	*261.16*	
		For Type 316 Stainless Steel Frame, Add	*303.20*	
		For Baked Enamel Finish, Add	*68.93*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-14.01*	
		For 14 Gauge Frame, Add	*35.03*	
		For 12 Gauge Frame, Add	*53.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0053	EA	4' x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge	332.56	93.72
		For Auxiliary Frame Reinforcement For Hinges, Add	*21.77*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*17.41*	
		For Type 304 Stainless Steel Frame, Add	*270.59*	
		For Type 316 Stainless Steel Frame, Add	*314.12*	
		For Baked Enamel Finish, Add	*71.65*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-14.51*	
		For 14 Gauge Frame, Add	*36.28*	
		For 12 Gauge Frame, Add	*55.15*	
08 12 13 13-0054	EA	5' x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge	345.72	97.80
		For Auxiliary Frame Reinforcement For Hinges, Add	*22.52*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*18.01*	
		For Type 304 Stainless Steel Frame, Add	*280.00*	
		For Type 316 Stainless Steel Frame, Add	*325.03*	
		For Baked Enamel Finish, Add	*74.38*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-15.01*	
		For 14 Gauge Frame, Add	*37.53*	
		For 12 Gauge Frame, Add	*57.05*	
08 12 13 13-0055	EA	5'-4" x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge	353.86	101.88
		For Auxiliary Frame Reinforcement For Hinges, Add	*22.52*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*18.01*	
		For Type 304 Stainless Steel Frame, Add	*280.40*	
		For Type 316 Stainless Steel Frame, Add	*325.44*	
		For Baked Enamel Finish, Add	*75.60*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-15.01*	
		For 14 Gauge Frame, Add	*37.53*	
		For 12 Gauge Frame, Add	*57.05*	
08 12 13 13-0056	EA	6' x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge	367.01	105.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*23.27*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*18.61*	
		For Type 304 Stainless Steel Frame, Add	*289.81*	
		For Type 316 Stainless Steel Frame, Add	*336.35*	
		For Baked Enamel Finish, Add	*78.32*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-15.51*	
		For 14 Gauge Frame, Add	*38.78*	
		For 12 Gauge Frame, Add	*58.95*	
08 12 13 13-0057	EA	7' x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge	381.10	107.99
		For Auxiliary Frame Reinforcement For Hinges, Add	*24.77*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*19.82*	
		For Type 304 Stainless Steel Frame, Add	*308.03*	
		For Type 316 Stainless Steel Frame, Add	*357.57*	
		For Baked Enamel Finish, Add	*81.93*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-16.51*	
		For 14 Gauge Frame, Add	*41.28*	
		For 12 Gauge Frame, Add	*62.75*	
08 12 13 13-0058	EA	8' x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge	395.19	110.02
		For Auxiliary Frame Reinforcement For Hinges, Add	*26.27*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*21.02*	
		For Type 304 Stainless Steel Frame, Add	*326.25*	
		For Type 316 Stainless Steel Frame, Add	*378.80*	
		For Baked Enamel Finish, Add	*85.55*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-17.51*	
		For 14 Gauge Frame, Add	*43.79*	
		For 12 Gauge Frame, Add	*66.55*	

08 12 13 13-0059 Metal Frames 6-3/4" Depth x 16 Gauge, Knock-Down *(08 12 13 13)*

08 12 13 13-0060 6'-8" Through 7'-2" High *(08 12 13 13-0059)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0061	EA	2' x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	271.97	61.12
		For Auxiliary Frame Reinforcement For Hinges, Add	*22.46*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*17.97*	
		For Type 304 Stainless Steel Frame, Add	*275.61*	
		For Type 316 Stainless Steel Frame, Add	*320.52*	
		For Baked Enamel Finish, Add	*63.25*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-14.97*	
		For 14 Gauge Frame, Add	*37.43*	
		For 12 Gauge Frame, Add	*56.89*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0062	EA	2'-4" x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	312.71	67.24
		For Auxiliary Frame Reinforcement For Hinges, Add	*26.74*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*21.39*	
		For Type 304 Stainless Steel Frame, Add	*327.56*	
		For Type 316 Stainless Steel Frame, Add	*381.03*	
		For Baked Enamel Finish, Add	*73.64*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-17.82*	
		For 14 Gauge Frame, Add	*44.56*	
		For 12 Gauge Frame, Add	*67.73*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0063	EA	2'-6" x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	323.71	71.31
		For Auxiliary Frame Reinforcement For Hinges, Add	*27.16*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*21.73*	
		For Type 304 Stainless Steel Frame, Add	*333.09*	
		For Type 316 Stainless Steel Frame, Add	*387.42*	
		For Baked Enamel Finish, Add	*75.72*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-18.11*	
		For 14 Gauge Frame, Add	*45.27*	
		For 12 Gauge Frame, Add	*68.81*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0064	EA	2'-8" x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	335.93	77.43
		For Auxiliary Frame Reinforcement For Hinges, Add	*27.16*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*21.73*	
		For Type 304 Stainless Steel Frame, Add	*333.70*	
		For Type 316 Stainless Steel Frame, Add	*388.03*	
		For Baked Enamel Finish, Add	*77.55*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-18.11*	
		For 14 Gauge Frame, Add	*45.27*	
		For 12 Gauge Frame, Add	*68.81*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0065	EA	3' x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	349.79	81.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*28.02*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*22.42*	
		For Type 304 Stainless Steel Frame, Add	*344.39*	
		For Type 316 Stainless Steel Frame, Add	*400.43*	
		For Baked Enamel Finish, Add	*80.49*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-18.68*	
		For 14 Gauge Frame, Add	*46.70*	
		For 12 Gauge Frame, Add	*70.98*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0066	EA	3'-4" x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	370.78	85.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*29.94*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*23.96*	
		For Type 304 Stainless Steel Frame, Add	*367.89*	
		For Type 316 Stainless Steel Frame, Add	*427.78*	
		For Baked Enamel Finish, Add	*85.56*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-19.96*	
		For 14 Gauge Frame, Add	*49.91*	
		For 12 Gauge Frame, Add	*75.86*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0067	EA	3'-6" x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	378.92	89.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*29.94*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*23.96*	
		For Type 304 Stainless Steel Frame, Add	*368.30*	
		For Type 316 Stainless Steel Frame, Add	*428.19*	
		For Baked Enamel Finish, Add	*86.78*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-19.96*	
		For 14 Gauge Frame, Add	*49.91*	
		For 12 Gauge Frame, Add	*75.86*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0068	EA	4' x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	394.20	93.72
		For Auxiliary Frame Reinforcement For Hinges, Add	*31.01*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*24.81*	
		For Type 304 Stainless Steel Frame, Add	*381.54*	
		For Type 316 Stainless Steel Frame, Add	*443.57*	
		For Baked Enamel Finish, Add	*90.14*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-20.68*	
		For 14 Gauge Frame, Add	*51.69*	
		For 12 Gauge Frame, Add	*78.57*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0069	EA	5' x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	409.49	97.80
		For Auxiliary Frame Reinforcement For Hinges, Add	*32.08*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*25.67*	
		For Type 304 Stainless Steel Frame, Add	*394.78*	
		For Type 316 Stainless Steel Frame, Add	*458.95*	
		For Baked Enamel Finish, Add	*93.51*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-21.39*	
		For 14 Gauge Frame, Add	*53.47*	
		For 12 Gauge Frame, Add	*81.28*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0070	EA	5'-4" x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	417.63	101.88
		For Auxiliary Frame Reinforcement For Hinges, Add	*32.08*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*25.67*	
		For Type 304 Stainless Steel Frame, Add	*395.19*	
		For Type 316 Stainless Steel Frame, Add	*459.36*	
		For Baked Enamel Finish, Add	*94.73*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-21.39*	
		For 14 Gauge Frame, Add	*53.47*	
		For 12 Gauge Frame, Add	*81.28*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0071	EA	6' x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	432.91	105.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.15*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*26.52*	
		For Type 304 Stainless Steel Frame, Add	*408.43*	
		For Type 316 Stainless Steel Frame, Add	*474.74*	
		For Baked Enamel Finish, Add	*98.09*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-22.10*	
		For 14 Gauge Frame, Add	*55.26*	
		For 12 Gauge Frame, Add	*83.99*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0072	EA	7' x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	451.25	107.99
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.29*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*28.23*	
		For Type 304 Stainless Steel Frame, Add	*434.30*	
		For Type 316 Stainless Steel Frame, Add	*504.89*	
		For Baked Enamel Finish, Add	*102.98*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-23.53*	
		For 14 Gauge Frame, Add	*58.82*	
		For 12 Gauge Frame, Add	*89.41*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0073	EA	8' x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	469.59	110.02
		For Auxiliary Frame Reinforcement For Hinges, Add	*37.43*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*29.94*	
		For Type 304 Stainless Steel Frame, Add	*460.17*	
		For Type 316 Stainless Steel Frame, Add	*535.04*	
		For Baked Enamel Finish, Add	*107.87*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-24.95*	
		For 14 Gauge Frame, Add	*62.39*	
		For 12 Gauge Frame, Add	*94.83*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0074		>7'-2" Through 9'-0" High *(08 12 13 13-0059)*		
08 12 13 13-0075	EA	2' x >7'-2" Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge	288.61	61.12
		For Auxiliary Frame Reinforcement For Hinges, Add	*24.95*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*19.96*	
		For Type 304 Stainless Steel Frame, Add	*305.56*	
		For Type 316 Stainless Steel Frame, Add	*355.47*	
		For Baked Enamel Finish, Add	*68.25*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-16.64*	
		For 14 Gauge Frame, Add	*41.59*	
		For 12 Gauge Frame, Add	*63.22*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0076	EA	2'-4" x >7'-2" Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge	332.52	67.24
		For Auxiliary Frame Reinforcement For Hinges, Add	*29.71*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*23.77*	
		For Type 304 Stainless Steel Frame, Add	*363.21*	
		For Type 316 Stainless Steel Frame, Add	*422.63*	
		For Baked Enamel Finish, Add	*79.59*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-19.81*	
		For 14 Gauge Frame, Add	*49.51*	
		For 12 Gauge Frame, Add	*75.26*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0077	EA	2'-6" x >7'-2" Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge	343.84	71.31
		For Auxiliary Frame Reinforcement For Hinges, Add	*30.18*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*24.15*	
		For Type 304 Stainless Steel Frame, Add	*369.33*	
		For Type 316 Stainless Steel Frame, Add	*429.69*	
		For Baked Enamel Finish, Add	*81.76*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-20.12*	
		For 14 Gauge Frame, Add	*50.31*	
		For 12 Gauge Frame, Add	*76.46*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0078	EA	2'-8" x >7'-2" Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge	356.06	77.43
		For Auxiliary Frame Reinforcement For Hinges, Add	*30.18*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*24.15*	
		For Type 304 Stainless Steel Frame, Add	*369.94*	
		For Type 316 Stainless Steel Frame, Add	*430.30*	
		For Baked Enamel Finish, Add	*83.59*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-20.12*	
		For 14 Gauge Frame, Add	*50.31*	
		For 12 Gauge Frame, Add	*76.46*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0079	EA	3' x >7'-2" Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge	370.54	81.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*31.13*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*24.91*	
		For Type 304 Stainless Steel Frame, Add	*381.74*	
		For Type 316 Stainless Steel Frame, Add	*444.00*	
		For Baked Enamel Finish, Add	*86.71*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-20.76*	
		For 14 Gauge Frame, Add	*51.89*	
		For 12 Gauge Frame, Add	*78.87*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0080	EA	3'-4" x >7'-2" Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge	392.96	85.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.27*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*26.62*	
		For Type 304 Stainless Steel Frame, Add	*407.82*	
		For Type 316 Stainless Steel Frame, Add	*474.36*	
		For Baked Enamel Finish, Add	*92.22*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-22.18*	
		For 14 Gauge Frame, Add	*55.45*	
		For 12 Gauge Frame, Add	*84.29*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0081	EA	3'-6" x >7'-2" Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge	401.10	89.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.27*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*26.62*	
		For Type 304 Stainless Steel Frame, Add	*408.22*	
		For Type 316 Stainless Steel Frame, Add	*474.77*	
		For Baked Enamel Finish, Add	*93.44*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-22.18*	
		For 14 Gauge Frame, Add	*55.45*	
		For 12 Gauge Frame, Add	*84.29*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0082	EA	4' x >7'-2" Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge	417.17	93.72
		For Auxiliary Frame Reinforcement For Hinges, Add	*34.46*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*27.57*	
		For Type 304 Stainless Steel Frame, Add	*422.89*	
		For Type 316 Stainless Steel Frame, Add	*491.81*	
		For Baked Enamel Finish, Add	*97.04*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-22.97*	
		For 14 Gauge Frame, Add	*57.43*	
		For 12 Gauge Frame, Add	*87.30*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0083	EA	5' x >7'-2" Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge	433.26	97.80
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.65*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*28.52*	
		For Type 304 Stainless Steel Frame, Add	*437.57*	
		For Type 316 Stainless Steel Frame, Add	*508.87*	
		For Baked Enamel Finish, Add	*100.64*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-23.77*	
		For 14 Gauge Frame, Add	*59.42*	
		For 12 Gauge Frame, Add	*90.31*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0084	EA	5'-4" x >7'-2" Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge	441.40	101.88
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.65*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*28.52*	
		For Type 304 Stainless Steel Frame, Add	*437.98*	
		For Type 316 Stainless Steel Frame, Add	*509.27*	
		For Baked Enamel Finish, Add	*101.86*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-23.77*	
		For 14 Gauge Frame, Add	*59.42*	
		For 12 Gauge Frame, Add	*90.31*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0085	EA	6' x >7'-2" Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge	457.47	105.95
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.84*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*29.47*	
		For Type 304 Stainless Steel Frame, Add	*452.64*	
		For Type 316 Stainless Steel Frame, Add	*526.31*	
		For Baked Enamel Finish, Add	*105.46*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-24.56*	
		For 14 Gauge Frame, Add	*61.40*	
		For 12 Gauge Frame, Add	*93.32*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0086	EA	7' x >7'-2" Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge	477.39	107.99
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.21*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*31.37*	
		For Type 304 Stainless Steel Frame, Add	*481.35*	
		For Type 316 Stainless Steel Frame, Add	*559.78*	
		For Baked Enamel Finish, Add	*110.82*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-26.14*	
		For 14 Gauge Frame, Add	*65.36*	
		For 12 Gauge Frame, Add	*99.34*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	
08 12 13 13-0087	EA	8' x >7'-2" Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge	497.32	110.02
		For Auxiliary Frame Reinforcement For Hinges, Add	*41.59*	
		For Welded Frames, Add	*45.00*	
		For Galvanized Frames, Add	*33.27*	
		For Type 304 Stainless Steel Frame, Add	*510.09*	
		For Type 316 Stainless Steel Frame, Add	*593.27*	
		For Baked Enamel Finish, Add	*116.19*	
		For 3/4 Hour Rating, Add	*30.70*	
		For 1-1/2 Hour Rating, Add	*35.08*	
		For 3 Hour Rating, Add	*43.86*	
		For 18 Gauge Frame, Deduct	*-27.73*	
		For 14 Gauge Frame, Add	*69.32*	
		For 12 Gauge Frame, Add	*105.36*	
		For 6-7/8" To 8-3/4" Wall, Add	*17.70*	
		For 8-7/8" To 13" Wall, Add	*22.30*	

08 12 13 13-0088 Sidelights And Transoms *(08 12 13 13)*

08 12 13 13-0089 Steel Transoms, Fixed *(08 12 13 13-0088)*

08 12 13 13-0090	SF	4-3/4" Deep Steel Transom, 16 Gauge Frame	37.95	11.41
		For Movable Frame, Add	*7.59*	
		For 18 Gauge Frame, Deduct	*-1.52*	
		For 14 Gauge Frame, Add	*3.79*	
		For 12 Gauge Frame, Add	*5.76*	
08 12 13 13-0091	SF	5-3/4" Deep Steel Transom, 16 Gauge Frame	39.50	11.82
		For Movable Frame, Add	*7.90*	
		For 18 Gauge Frame, Deduct	*-1.59*	
		For 14 Gauge Frame, Add	*3.97*	
		For 12 Gauge Frame, Add	*6.04*	
08 12 13 13-0092	SF	6-3/4" Deep Steel Transom, 16 Gauge Frame	41.09	12.22
		For Movable Frame, Add	*8.22*	
		For 18 Gauge Frame, Deduct	*-1.67*	
		For 14 Gauge Frame, Add	*4.17*	
		For 12 Gauge Frame, Add	*6.34*	

08 12 13 13-0093 Steel Transom Sash, Operable *(08 12 13 13-0088)*

Note: Includes hardware.

08 12 13 13-0094	SF	4-3/4" Deep Steel Transom Sash, 16 Gauge Frame	48.18	11.41
		For 18 Gauge Frame, Deduct	*-2.54*	
		For 14 Gauge Frame, Add	*6.35*	
		For 12 Gauge Frame, Add	*9.64*	
08 12 13 13-0095	SF	5-3/4" Deep Steel Transom Sash, 16 Gauge Frame	50.26	11.82
		For 18 Gauge Frame, Deduct	*-2.67*	
		For 14 Gauge Frame, Add	*6.66*	
		For 12 Gauge Frame, Add	*10.13*	
08 12 13 13-0096	SF	6-3/4" Deep Steel Transom Sash, 16 Gauge Frame	52.43	12.22
		For 18 Gauge Frame, Deduct	*-2.80*	
		For 14 Gauge Frame, Add	*7.00*	
		For 12 Gauge Frame, Add	*10.63*	

08 12 13 13-0097 Sidelights, Steel Frame *(08 12 13 13-0088)*

08 12 13 13-0098	SF	4-3/4" Deep Sidelights, 16 Gauge Frame	39.08	11.41
		For 18 Gauge Frame, Deduct	*-1.63*	
		For 14 Gauge Frame, Add	*4.07*	
		For 12 Gauge Frame, Add	*6.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0099	SF	5-3/4" Deep Sidelights, 16 Gauge Frame	40.72	11.82
		For 18 Gauge Frame, Deduct	*-1.71*	
		For 14 Gauge Frame, Add	*4.27*	
		For 12 Gauge Frame, Add	*6.49*	
08 12 13 13-0100	SF	6-3/4" Deep Sidelights, 16 Gauge Frame	42.39	12.22
		For 18 Gauge Frame, Deduct	*-1.79*	
		For 14 Gauge Frame, Add	*4.49*	
		For 12 Gauge Frame, Add	*6.82*	

08 12 13 13-0101 Sundry Hollow Metal Frame Sections *(08 12 13 13)*

08 12 13 13-0102 Verticals, Mullions *(08 12 13 13-0101)*

08 12 13 13-0103	LF	4-3/4" x 1-3/4" Mullions, Vertical 16 Gauge Hollow Metal Frame Section	22.30	4.56
		For 18 Gauge Frame, Deduct	*-1.08*	
		For 14 Gauge Frame, Add	*2.71*	
		For 12 Gauge Frame, Add	*4.11*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0104	LF	4-3/4" x 2" Mullions, Vertical 16 Gauge Hollow Metal Frame Section	22.73	4.56
		For 18 Gauge Frame, Deduct	*-1.13*	
		For 14 Gauge Frame, Add	*2.81*	
		For 12 Gauge Frame, Add	*4.28*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0105	LF	5-1/4" x 1-3/4" Mullions, Vertical 16 Gauge Hollow Metal Frame Section	22.63	4.73
		For 18 Gauge Frame, Deduct	*-1.08*	
		For 14 Gauge Frame, Add	*2.71*	
		For 12 Gauge Frame, Add	*4.11*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0106	LF	5-1/4" x 2" Mullions, Vertical 16 Gauge Hollow Metal Frame Section	23.30	4.73
		For 18 Gauge Frame, Deduct	*-1.15*	
		For 14 Gauge Frame, Add	*2.87*	
		For 12 Gauge Frame, Add	*4.37*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0107	LF	6-3/4" x 1-3/4" Mullions, Vertical 16 Gauge Hollow Metal Frame Section	23.43	4.81
		For 18 Gauge Frame, Deduct	*-1.14*	
		For 14 Gauge Frame, Add	*2.84*	
		For 12 Gauge Frame, Add	*4.32*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0108	LF	6-3/4" x 2" Mullions, Vertical 16 Gauge Hollow Metal Frame Section	23.69	4.81
		For 18 Gauge Frame, Deduct	*-1.16*	
		For 14 Gauge Frame, Add	*2.91*	
		For 12 Gauge Frame, Add	*4.42*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	

08 12 13 13-0109 Horizontals, Rails *(08 12 13 13-0101)*

08 12 13 13-0110	LF	4-3/4" x 1-3/4" Rails, Horizontal 16 Gauge Hollow Metal Frame Section	16.89	4.56
		For 18 Gauge Frame, Deduct	*-0.54*	
		For 14 Gauge Frame, Add	*1.35*	
		For 12 Gauge Frame, Add	*2.06*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0111	LF	4-3/4" x 2" Rails, Horizontal 16 Gauge Hollow Metal Frame Section	16.53	4.56
		For 18 Gauge Frame, Deduct	*-0.51*	
		For 14 Gauge Frame, Add	*1.26*	
		For 12 Gauge Frame, Add	*1.92*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0112	LF	5-1/4" x 1-3/4" Rails, Horizontal 16 Gauge Hollow Metal Frame Section	17.22	4.73
		For 18 Gauge Frame, Deduct	*-0.54*	
		For 14 Gauge Frame, Add	*1.35*	
		For 12 Gauge Frame, Add	*2.06*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0113	LF	5-1/4" x 2" Rails, Horizontal 16 Gauge Hollow Metal Frame Section	17.22	4.73
		For 18 Gauge Frame, Deduct	*-0.54*	
		For 14 Gauge Frame, Add	*1.35*	
		For 12 Gauge Frame, Add	*2.06*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0114	LF	6-3/4" x 1-3/4" Rails, Horizontal 16 Gauge Hollow Metal Frame Section	17.75	4.81
		For 18 Gauge Frame, Deduct	*-0.57*	
		For 14 Gauge Frame, Add	*1.42*	
		For 12 Gauge Frame, Add	*2.16*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0115	LF	6-3/4" x 2" Rails, Horizontal 16 Gauge Hollow Metal Frame Section	16.58	4.81
		For 18 Gauge Frame, Deduct	*-0.45*	
		For 14 Gauge Frame, Add	*1.13*	
		For 12 Gauge Frame, Add	*1.71*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	

08 12 13 13-0116 Metal Frames Accessories *(08 12 13 13)*

08 12 13 13-0117	EA	For 1 Foot Extension Of New Door Frame	19.41	

08 12 16 Aluminum Frames *(08 12)*

08 12 16 00-0001 Aluminum 1/8" Two Pieces *(08 12 16)*

08 12 16 00-0002 4-1/8" x 3/8" *(08 12 16 00-0001)*

08 12 16 00-0003	EA	2 Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head	905.89	44.82
08 12 16 00-0004	EA	2 Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head	905.89	44.82

08 12 16 00-0005 4-3/4" x 1-3/8" *(08 12 16 00-0001)*

08 12 16 00-0006	EA	2 Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head	905.89	44.82
08 12 16 00-0007	EA	2 Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head	905.89	44.82

08 13 Metal Doors *(08 10)*

Note: Includes machining for all hardware. Excludes finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 13 13 Hollow Metal Doors *(08 13)*

08 13 13 13 Standard Hollow Metal Doors *(08 13 13)*

Note: Full flush, impregnated honeycomb core, epoxy baked-on primer.

08 13 13 13-0001 20 Gauge 1-3/4" Unrated Door *(08 13 13 13)*

08 13 13 13-0002 6'-8" High *(08 13 13 13-0001)*

08 13 13 13-0003	EA	2' x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	339.02	44.82
		For Composite Door Instead Of Full Panel Door, Add	*11.22*	
		For Type 304 Stainless Steel Door, Add	*203.98*	
		For Type 316 Stainless Steel Door, Add	*328.66*	
		For Embossed Panel, Add	*59.85*	
		For Galvanized Steel, Add	*37.41*	
		For Baked Enamel Finish, Add	*128.60*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-19.19*	
		For >100, Deduct	*-27.67*	
		For Insulated Door (Polystyrene Core), Add	*24.94*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*62.34*	
08 13 13 13-0004	EA	2'-4" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	339.02	44.82
		For Composite Door Instead Of Full Panel Door, Add	*11.22*	
		For Type 304 Stainless Steel Door, Add	*203.98*	
		For Type 316 Stainless Steel Door, Add	*328.66*	
		For Embossed Panel, Add	*59.85*	
		For Galvanized Steel, Add	*37.41*	
		For Baked Enamel Finish, Add	*128.60*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-19.19*	
		For >100, Deduct	*-27.67*	
		For Insulated Door (Polystyrene Core), Add	*24.94*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*62.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0005	EA	2'-6" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	348.19	46.87
		For Composite Door Instead Of Full Panel Door, Add	*11.45*	
		For Type 304 Stainless Steel Door, Add	*208.26*	
		For Type 316 Stainless Steel Door, Add	*335.50*	
		For Embossed Panel, Add	*61.07*	
		For Galvanized Steel, Add	*38.17*	
		For Baked Enamel Finish, Add	*132.57*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-19.75*	
		For >100, Deduct	*-28.46*	
		For Insulated Door (Polystyrene Core), Add	*25.45*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*63.62*	
08 13 13 13-0006	EA	2'-8" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	351.98	46.87
		For Composite Door Instead Of Full Panel Door, Add	*11.62*	
		For Type 304 Stainless Steel Door, Add	*211.29*	
		For Type 316 Stainless Steel Door, Add	*340.42*	
		For Embossed Panel, Add	*61.98*	
		For Galvanized Steel, Add	*38.74*	
		For Baked Enamel Finish, Add	*133.71*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-19.94*	
		For >100, Deduct	*-28.74*	
		For Insulated Door (Polystyrene Core), Add	*25.83*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*64.57*	
08 13 13 13-0007	EA	3' x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	359.10	48.90
		For Composite Door Instead Of Full Panel Door, Add	*11.76*	
		For Type 304 Stainless Steel Door, Add	*213.93*	
		For Type 316 Stainless Steel Door, Add	*344.58*	
		For Embossed Panel, Add	*62.71*	
		For Galvanized Steel, Add	*39.20*	
		For Baked Enamel Finish, Add	*137.07*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.40*	
		For >100, Deduct	*-29.38*	
		For Insulated Door (Polystyrene Core), Add	*26.13*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*65.33*	
08 13 13 13-0008	EA	3'-4" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	378.85	48.90
		For Composite Door Instead Of Full Panel Door, Add	*12.65*	
		For Type 304 Stainless Steel Door, Add	*229.73*	
		For Type 316 Stainless Steel Door, Add	*370.26*	
		For Embossed Panel, Add	*67.45*	
		For Galvanized Steel, Add	*42.16*	
		For Baked Enamel Finish, Add	*143.00*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.39*	
		For >100, Deduct	*-30.86*	
		For Insulated Door (Polystyrene Core), Add	*28.11*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*70.26*	
08 13 13 13-0009	EA	3'-6" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	390.53	50.93
		For Composite Door Instead Of Full Panel Door, Add	*12.99*	
		For Type 304 Stainless Steel Door, Add	*236.01*	
		For Type 316 Stainless Steel Door, Add	*380.34*	
		For Embossed Panel, Add	*69.28*	
		For Galvanized Steel, Add	*43.30*	
		For Baked Enamel Finish, Add	*147.72*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-22.07*	
		For >100, Deduct	*-31.84*	
		For Insulated Door (Polystyrene Core), Add	*28.87*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*72.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0010	EA	4' x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	429.05	55.01
		For Composite Door Instead Of Full Panel Door, Add	*14.36*	
		For Type 304 Stainless Steel Door, Add	*260.73*	
		For Type 316 Stainless Steel Door, Add	*420.24*	
		For Embossed Panel, Add	*76.57*	
		For Galvanized Steel, Add	*47.85*	
		For Baked Enamel Finish, Add	*161.72*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-24.20*	
		For >100, Deduct	*-34.93*	
		For Insulated Door (Polystyrene Core), Add	*31.90*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*79.76*	
08 13 13 13-0011	PR	Pair 2'-6" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	687.00	89.03
		For Composite Door Instead Of Full Panel Door, Add	*22.90*	
		For Type 304 Stainless Steel Door, Add	*416.05*	
		For Type 316 Stainless Steel Door, Add	*670.51*	
		For Embossed Panel, Add	*122.14*	
		For Galvanized Steel, Add	*76.34*	
		For Baked Enamel Finish, Add	*259.52*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-38.80*	
		For >100, Deduct	*-55.98*	
		For Insulated Door (Polystyrene Core), Add	*50.89*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*127.23*	
08 13 13 13-0012	PR	Pair 2'-8" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	694.60	89.03
		For Composite Door Instead Of Full Panel Door, Add	*23.24*	
		For Type 304 Stainless Steel Door, Add	*422.13*	
		For Type 316 Stainless Steel Door, Add	*680.39*	
		For Embossed Panel, Add	*123.97*	
		For Galvanized Steel, Add	*77.48*	
		For Baked Enamel Finish, Add	*261.80*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-39.18*	
		For >100, Deduct	*-56.55*	
		For Insulated Door (Polystyrene Core), Add	*51.65*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*129.13*	
08 13 13 13-0013	PR	Pair 3' x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	708.41	92.91
		For Composite Door Instead Of Full Panel Door, Add	*23.52*	
		For Type 304 Stainless Steel Door, Add	*427.37*	
		For Type 316 Stainless Steel Door, Add	*688.67*	
		For Embossed Panel, Add	*125.42*	
		For Galvanized Steel, Add	*78.39*	
		For Baked Enamel Finish, Add	*268.27*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-40.07*	
		For >100, Deduct	*-57.78*	
		For Insulated Door (Polystyrene Core), Add	*52.26*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*130.65*	
08 13 13 13-0014	PR	Pair 3'-6" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	770.85	96.78
		For Composite Door Instead Of Full Panel Door, Add	*25.98*	
		For Type 304 Stainless Steel Door, Add	*471.52*	
		For Type 316 Stainless Steel Door, Add	*760.17*	
		For Embossed Panel, Add	*138.55*	
		For Galvanized Steel, Add	*86.60*	
		For Baked Enamel Finish, Add	*289.32*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-43.38*	
		For >100, Deduct	*-62.65*	
		For Insulated Door (Polystyrene Core), Add	*57.73*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*144.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0015	PR	Pair 4' x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	847.11	104.52
		For Composite Door Instead Of Full Panel Door, Add	*28.71*	
		For Type 304 Stainless Steel Door, Add	*520.90*	
		For Type 316 Stainless Steel Door, Add	*839.93*	
		For Embossed Panel, Add	*153.13*	
		For Galvanized Steel, Add	*95.71*	
		For Baked Enamel Finish, Add	*316.85*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-47.58*	
		For >100, Deduct	*-68.76*	
		For Insulated Door (Polystyrene Core), Add	*63.81*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*159.52*	

08 13 13 13-0016 7' High *(08 13 13 13-0001)*

08 13 13 13-0017	EA	2' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	345.55	44.82
		For Composite Door Instead Of Full Panel Door, Add	*11.52*	
		For Type 304 Stainless Steel Door, Add	*209.20*	
		For Type 316 Stainless Steel Door, Add	*337.15*	
		For Embossed Panel, Add	*61.42*	
		For Galvanized Steel, Add	*38.39*	
		For Baked Enamel Finish, Add	*130.56*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-19.52*	
		For >100, Deduct	*-28.16*	
		For Insulated Door (Polystyrene Core), Add	*25.59*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*63.98*	
08 13 13 13-0018	EA	2'-4" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	345.55	44.82
		For Composite Door Instead Of Full Panel Door, Add	*11.52*	
		For Type 304 Stainless Steel Door, Add	*209.20*	
		For Type 316 Stainless Steel Door, Add	*337.15*	
		For Embossed Panel, Add	*61.42*	
		For Galvanized Steel, Add	*38.39*	
		For Baked Enamel Finish, Add	*130.56*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-19.52*	
		For >100, Deduct	*-28.16*	
		For Insulated Door (Polystyrene Core), Add	*25.59*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*63.98*	
08 13 13 13-0019	EA	2'-6" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	354.85	46.87
		For Composite Door Instead Of Full Panel Door, Add	*11.75*	
		For Type 304 Stainless Steel Door, Add	*213.59*	
		For Type 316 Stainless Steel Door, Add	*344.16*	
		For Embossed Panel, Add	*62.67*	
		For Galvanized Steel, Add	*39.17*	
		For Baked Enamel Finish, Add	*134.57*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.09*	
		For >100, Deduct	*-28.96*	
		For Insulated Door (Polystyrene Core), Add	*26.11*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*65.28*	
08 13 13 13-0020	EA	2'-8" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	358.75	46.87
		For Composite Door Instead Of Full Panel Door, Add	*11.93*	
		For Type 304 Stainless Steel Door, Add	*216.71*	
		For Type 316 Stainless Steel Door, Add	*349.23*	
		For Embossed Panel, Add	*63.61*	
		For Galvanized Steel, Add	*39.75*	
		For Baked Enamel Finish, Add	*135.74*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.28*	
		For >100, Deduct	*-29.25*	
		For Insulated Door (Polystyrene Core), Add	*26.50*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*66.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0021	EA	3' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	365.95	48.90
		For Composite Door Instead Of Full Panel Door, Add	*12.07*	
		For Type 304 Stainless Steel Door, Add	*219.41*	
		For Type 316 Stainless Steel Door, Add	*353.49*	
		For Embossed Panel, Add	*64.36*	
		For Galvanized Steel, Add	*40.22*	
		For Baked Enamel Finish, Add	*139.13*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.74*	
		For >100, Deduct	*-29.89*	
		For Insulated Door (Polystyrene Core), Add	*26.82*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*67.04*	
08 13 13 13-0022	EA	3'-4" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	386.22	48.90
		For Composite Door Instead Of Full Panel Door, Add	*12.98*	
		For Type 304 Stainless Steel Door, Add	*235.63*	
		For Type 316 Stainless Steel Door, Add	*379.84*	
		For Embossed Panel, Add	*69.22*	
		For Galvanized Steel, Add	*43.26*	
		For Baked Enamel Finish, Add	*145.21*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.76*	
		For >100, Deduct	*-31.41*	
		For Insulated Door (Polystyrene Core), Add	*28.84*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*72.11*	
08 13 13 13-0023	EA	3'-6" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	398.09	50.93
		For Composite Door Instead Of Full Panel Door, Add	*13.33*	
		For Type 304 Stainless Steel Door, Add	*242.06*	
		For Type 316 Stainless Steel Door, Add	*390.17*	
		For Embossed Panel, Add	*71.09*	
		For Galvanized Steel, Add	*44.43*	
		For Baked Enamel Finish, Add	*149.99*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-22.45*	
		For >100, Deduct	*-32.40*	
		For Insulated Door (Polystyrene Core), Add	*29.62*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*74.05*	
08 13 13 13-0024	EA	4' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	437.41	55.01
		For Composite Door Instead Of Full Panel Door, Add	*14.73*	
		For Type 304 Stainless Steel Door, Add	*267.41*	
		For Type 316 Stainless Steel Door, Add	*431.11*	
		For Embossed Panel, Add	*78.57*	
		For Galvanized Steel, Add	*49.11*	
		For Baked Enamel Finish, Add	*164.23*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-24.62*	
		For >100, Deduct	*-35.56*	
		For Insulated Door (Polystyrene Core), Add	*32.74*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*81.85*	
08 13 13 13-0025	PR	Pair 2'-6" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	700.34	89.03
		For Composite Door Instead Of Full Panel Door, Add	*23.50*	
		For Type 304 Stainless Steel Door, Add	*426.72*	
		For Type 316 Stainless Steel Door, Add	*687.85*	
		For Embossed Panel, Add	*125.34*	
		For Galvanized Steel, Add	*78.34*	
		For Baked Enamel Finish, Add	*263.52*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-39.47*	
		For >100, Deduct	*-56.98*	
		For Insulated Door (Polystyrene Core), Add	*52.23*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*130.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0026	PR	Pair 2'-8" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	708.13	89.03
		For Composite Door Instead Of Full Panel Door, Add	*23.85*	
		For Type 304 Stainless Steel Door, Add	*432.95*	
		For Type 316 Stainless Steel Door, Add	*697.98*	
		For Embossed Panel, Add	*127.21*	
		For Galvanized Steel, Add	*79.51*	
		For Baked Enamel Finish, Add	*265.86*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-39.86*	
		For >100, Deduct	*-57.56*	
		For Insulated Door (Polystyrene Core), Add	*53.01*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*132.52*	
08 13 13 13-0027	PR	Pair 3' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	722.11	92.91
		For Composite Door Instead Of Full Panel Door, Add	*24.13*	
		For Type 304 Stainless Steel Door, Add	*438.33*	
		For Type 316 Stainless Steel Door, Add	*706.48*	
		For Embossed Panel, Add	*128.71*	
		For Galvanized Steel, Add	*80.45*	
		For Baked Enamel Finish, Add	*272.38*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-40.75*	
		For >100, Deduct	*-58.80*	
		For Insulated Door (Polystyrene Core), Add	*53.63*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*134.08*	
08 13 13 13-0028	PR	Pair 3'-6" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	785.97	96.78
		For Composite Door Instead Of Full Panel Door, Add	*26.66*	
		For Type 304 Stainless Steel Door, Add	*483.61*	
		For Type 316 Stainless Steel Door, Add	*779.82*	
		For Embossed Panel, Add	*142.18*	
		For Galvanized Steel, Add	*88.86*	
		For Baked Enamel Finish, Add	*293.86*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-44.14*	
		For >100, Deduct	*-63.79*	
		For Insulated Door (Polystyrene Core), Add	*59.24*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*148.11*	
08 13 13 13-0029	PR	Pair 4' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	863.83	104.52
		For Composite Door Instead Of Full Panel Door, Add	*29.47*	
		For Type 304 Stainless Steel Door, Add	*534.28*	
		For Type 316 Stainless Steel Door, Add	*861.67*	
		For Embossed Panel, Add	*157.15*	
		For Galvanized Steel, Add	*98.22*	
		For Baked Enamel Finish, Add	*321.86*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-48.42*	
		For >100, Deduct	*-70.01*	
		For Insulated Door (Polystyrene Core), Add	*65.48*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*163.70*	

08 13 13 13-0030 7'-2" High *(08 13 13 13-0001)*

08 13 13 13-0031	EA	2' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	351.90	44.82
		For Composite Door Instead Of Full Panel Door, Add	*11.80*	
		For Type 304 Stainless Steel Door, Add	*214.28*	
		For Type 316 Stainless Steel Door, Add	*345.41*	
		For Embossed Panel, Add	*62.94*	
		For Galvanized Steel, Add	*39.34*	
		For Baked Enamel Finish, Add	*132.47*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-19.84*	
		For >100, Deduct	*-28.63*	
		For Insulated Door (Polystyrene Core), Add	*26.23*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*65.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0032	EA	2'-4" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	351.90	44.82
		For Composite Door Instead Of Full Panel Door, Add	*11.80*	
		For Type 304 Stainless Steel Door, Add	*214.28*	
		For Type 316 Stainless Steel Door, Add	*345.41*	
		For Embossed Panel, Add	*62.94*	
		For Galvanized Steel, Add	*39.34*	
		For Baked Enamel Finish, Add	*132.47*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-19.84*	
		For >100, Deduct	*-28.63*	
		For Insulated Door (Polystyrene Core), Add	*26.23*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*65.56*	
08 13 13 13-0033	EA	2'-6" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	361.33	46.87
		For Composite Door Instead Of Full Panel Door, Add	*12.04*	
		For Type 304 Stainless Steel Door, Add	*218.77*	
		For Type 316 Stainless Steel Door, Add	*352.58*	
		For Embossed Panel, Add	*64.23*	
		For Galvanized Steel, Add	*40.14*	
		For Baked Enamel Finish, Add	*136.52*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.41*	
		For >100, Deduct	*-29.44*	
		For Insulated Door (Polystyrene Core), Add	*26.76*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*66.90*	
08 13 13 13-0034	EA	2'-8" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	365.32	46.87
		For Composite Door Instead Of Full Panel Door, Add	*12.22*	
		For Type 304 Stainless Steel Door, Add	*221.97*	
		For Type 316 Stainless Steel Door, Add	*357.77*	
		For Embossed Panel, Add	*65.18*	
		For Galvanized Steel, Add	*40.74*	
		For Baked Enamel Finish, Add	*137.71*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.61*	
		For >100, Deduct	*-29.74*	
		For Insulated Door (Polystyrene Core), Add	*27.16*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*67.90*	
08 13 13 13-0035	EA	3' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	372.60	48.90
		For Composite Door Instead Of Full Panel Door, Add	*12.37*	
		For Type 304 Stainless Steel Door, Add	*224.73*	
		For Type 316 Stainless Steel Door, Add	*362.13*	
		For Embossed Panel, Add	*65.95*	
		For Galvanized Steel, Add	*41.22*	
		For Baked Enamel Finish, Add	*141.12*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.08*	
		For >100, Deduct	*-30.39*	
		For Insulated Door (Polystyrene Core), Add	*27.48*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*68.70*	
08 13 13 13-0036	EA	3'-4" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	393.37	48.90
		For Composite Door Instead Of Full Panel Door, Add	*13.30*	
		For Type 304 Stainless Steel Door, Add	*241.35*	
		For Type 316 Stainless Steel Door, Add	*389.13*	
		For Embossed Panel, Add	*70.94*	
		For Galvanized Steel, Add	*44.34*	
		For Baked Enamel Finish, Add	*147.35*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-22.11*	
		For >100, Deduct	*-31.95*	
		For Insulated Door (Polystyrene Core), Add	*29.56*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*73.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0037	EA	3'-6" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	405.44	50.93
		For Composite Door Instead Of Full Panel Door, Add	*13.66*	
		For Type 304 Stainless Steel Door, Add	*247.94*	
		For Type 316 Stainless Steel Door, Add	*399.72*	
		For Embossed Panel, Add	*72.85*	
		For Galvanized Steel, Add	*45.53*	
		For Baked Enamel Finish, Add	*152.20*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-22.82*	
		For >100, Deduct	*-32.96*	
		For Insulated Door (Polystyrene Core), Add	*30.36*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*75.89*	
08 13 13 13-0038	EA	4' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	445.53	55.01
		For Composite Door Instead Of Full Panel Door, Add	*15.10*	
		For Type 304 Stainless Steel Door, Add	*273.91*	
		For Type 316 Stainless Steel Door, Add	*441.66*	
		For Embossed Panel, Add	*80.52*	
		For Galvanized Steel, Add	*50.33*	
		For Baked Enamel Finish, Add	*166.67*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-25.03*	
		For >100, Deduct	*-36.17*	
		For Insulated Door (Polystyrene Core), Add	*33.55*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*83.88*	
08 13 13 13-0039	PR	Pair 2'-6" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	713.29	89.03
		For Composite Door Instead Of Full Panel Door, Add	*24.08*	
		For Type 304 Stainless Steel Door, Add	*437.08*	
		For Type 316 Stainless Steel Door, Add	*704.69*	
		For Embossed Panel, Add	*128.45*	
		For Galvanized Steel, Add	*80.28*	
		For Baked Enamel Finish, Add	*267.41*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-40.12*	
		For >100, Deduct	*-57.95*	
		For Insulated Door (Polystyrene Core), Add	*53.52*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*133.81*	
08 13 13 13-0040	PR	Pair 2'-8" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	721.28	89.03
		For Composite Door Instead Of Full Panel Door, Add	*24.44*	
		For Type 304 Stainless Steel Door, Add	*443.47*	
		For Type 316 Stainless Steel Door, Add	*715.08*	
		For Embossed Panel, Add	*130.37*	
		For Galvanized Steel, Add	*81.48*	
		For Baked Enamel Finish, Add	*269.81*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-40.52*	
		For >100, Deduct	*-58.55*	
		For Insulated Door (Polystyrene Core), Add	*54.32*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*135.80*	
08 13 13 13-0041	PR	Pair 3' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	735.41	92.91
		For Composite Door Instead Of Full Panel Door, Add	*24.73*	
		For Type 304 Stainless Steel Door, Add	*448.97*	
		For Type 316 Stainless Steel Door, Add	*723.77*	
		For Embossed Panel, Add	*131.90*	
		For Galvanized Steel, Add	*82.44*	
		For Baked Enamel Finish, Add	*276.37*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-41.42*	
		For >100, Deduct	*-59.80*	
		For Insulated Door (Polystyrene Core), Add	*54.96*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*137.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0042	PR	Pair 3'-6" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	800.66	96.78
		For Composite Door Instead Of Full Panel Door, Add	*27.32*	
		For Type 304 Stainless Steel Door, Add	*495.37*	
		For Type 316 Stainless Steel Door, Add	*798.92*	
		For Embossed Panel, Add	*145.71*	
		For Galvanized Steel, Add	*91.07*	
		For Baked Enamel Finish, Add	*298.26*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-44.87*	
		For >100, Deduct	*-64.89*	
		For Insulated Door (Polystyrene Core), Add	*60.71*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*151.78*	
08 13 13 13-0043	PR	Pair 4' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	880.07	104.52
		For Composite Door Instead Of Full Panel Door, Add	*30.20*	
		For Type 304 Stainless Steel Door, Add	*547.27*	
		For Type 316 Stainless Steel Door, Add	*882.78*	
		For Embossed Panel, Add	*161.04*	
		For Galvanized Steel, Add	*100.65*	
		For Baked Enamel Finish, Add	*326.74*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-49.23*	
		For >100, Deduct	*-71.23*	
		For Insulated Door (Polystyrene Core), Add	*67.10*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*167.76*	

08 13 13 13-0044 18 Gauge 1-3/4" Unrated Door *(08 13 13 13)*

08 13 13 13-0045 6'-8" High *(08 13 13 13-0044)*

08 13 13 13-0046	EA	2' x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	359.19	44.82
		For 18 Gauge, Grade II, Heavy Duty, Add	*53.91*	
		For Composite Door Instead Of Full Panel Door, Add	*12.13*	
		For Type 304 Stainless Steel Door, Add	*220.11*	
		For Type 316 Stainless Steel Door, Add	*354.88*	
		For Embossed Panel, Add	*64.69*	
		For Galvanized Steel, Add	*40.43*	
		For Baked Enamel Finish, Add	*134.65*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.20*	
		For >100, Deduct	*-29.18*	
		For 2" Thick Door, Add	*21.78*	
		For Insulated Door (Polystyrene Core), Add	*26.95*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*67.39*	
08 13 13 13-0047	EA	2'-4" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	359.19	44.82
		For 18 Gauge, Grade II, Heavy Duty, Add	*53.91*	
		For Composite Door Instead Of Full Panel Door, Add	*12.13*	
		For Type 304 Stainless Steel Door, Add	*220.11*	
		For Type 316 Stainless Steel Door, Add	*354.88*	
		For Embossed Panel, Add	*64.69*	
		For Galvanized Steel, Add	*40.43*	
		For Baked Enamel Finish, Add	*134.65*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.20*	
		For >100, Deduct	*-29.18*	
		For 2" Thick Door, Add	*21.78*	
		For Insulated Door (Polystyrene Core), Add	*26.95*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*67.39*	
08 13 13 13-0048	EA	2'-6" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	368.77	46.87
		For 18 Gauge, Grade II, Heavy Duty, Add	*55.01*	
		For Composite Door Instead Of Full Panel Door, Add	*12.38*	
		For Type 304 Stainless Steel Door, Add	*224.73*	
		For Type 316 Stainless Steel Door, Add	*362.25*	
		For Embossed Panel, Add	*66.01*	
		For Galvanized Steel, Add	*41.26*	
		For Baked Enamel Finish, Add	*138.75*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.78*	
		For >100, Deduct	*-30.00*	
		For 2" Thick Door, Add	*22.28*	
		For Insulated Door (Polystyrene Core), Add	*27.51*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*68.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0049	EA	2'-8" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	372.88	46.87
		For 18 Gauge, Grade II, Heavy Duty, Add	*55.83*	
		For Composite Door Instead Of Full Panel Door, Add	*12.56*	
		For Type 304 Stainless Steel Door, Add	*228.01*	
		For Type 316 Stainless Steel Door, Add	*367.59*	
		For Embossed Panel, Add	*67.00*	
		For Galvanized Steel, Add	*41.87*	
		For Baked Enamel Finish, Add	*139.98*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.99*	
		For >100, Deduct	*-30.31*	
		For 2" Thick Door, Add	*22.58*	
		For Insulated Door (Polystyrene Core), Add	*27.92*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*69.79*	
08 13 13 13-0050	EA	3' x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	380.24	48.90
		For 18 Gauge, Grade II, Heavy Duty, Add	*56.49*	
		For Composite Door Instead Of Full Panel Door, Add	*12.71*	
		For Type 304 Stainless Steel Door, Add	*230.84*	
		For Type 316 Stainless Steel Door, Add	*372.06*	
		For Embossed Panel, Add	*67.79*	
		For Galvanized Steel, Add	*42.37*	
		For Baked Enamel Finish, Add	*143.41*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.46*	
		For >100, Deduct	*-30.96*	
		For 2" Thick Door, Add	*22.92*	
		For Insulated Door (Polystyrene Core), Add	*28.24*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*70.61*	
08 13 13 13-0051	EA	3'-4" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	401.59	48.90
		For 18 Gauge, Grade II, Heavy Duty, Add	*60.76*	
		For Composite Door Instead Of Full Panel Door, Add	*13.67*	
		For Type 304 Stainless Steel Door, Add	*247.92*	
		For Type 316 Stainless Steel Door, Add	*399.82*	
		For Embossed Panel, Add	*72.91*	
		For Galvanized Steel, Add	*45.57*	
		For Baked Enamel Finish, Add	*149.82*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-22.52*	
		For >100, Deduct	*-32.56*	
		For 2" Thick Door, Add	*24.47*	
		For Insulated Door (Polystyrene Core), Add	*30.38*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*75.95*	
08 13 13 13-0052	EA	3'-6" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	413.88	50.93
		For 18 Gauge, Grade II, Heavy Duty, Add	*62.40*	
		For Composite Door Instead Of Full Panel Door, Add	*14.04*	
		For Type 304 Stainless Steel Door, Add	*254.69*	
		For Type 316 Stainless Steel Door, Add	*410.69*	
		For Embossed Panel, Add	*74.88*	
		For Galvanized Steel, Add	*46.80*	
		For Baked Enamel Finish, Add	*154.73*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-23.24*	
		For >100, Deduct	*-33.59*	
		For 2" Thick Door, Add	*25.17*	
		For Insulated Door (Polystyrene Core), Add	*31.20*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*78.00*	
08 13 13 13-0053	EA	4' x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	454.86	55.01
		For 18 Gauge, Grade II, Heavy Duty, Add	*68.97*	
		For Composite Door Instead Of Full Panel Door, Add	*15.52*	
		For Type 304 Stainless Steel Door, Add	*281.37*	
		For Type 316 Stainless Steel Door, Add	*453.79*	
		For Embossed Panel, Add	*82.76*	
		For Galvanized Steel, Add	*51.73*	
		For Baked Enamel Finish, Add	*169.46*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-25.49*	
		For >100, Deduct	*-36.87*	
		For 2" Thick Door, Add	*27.75*	
		For Insulated Door (Polystyrene Core), Add	*34.48*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*86.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0054	PR	Pair 2'-6" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	728.17	89.03
		For 18 Gauge, Grade II, Heavy Duty, Add	*110.02*	
		For Composite Door Instead Of Full Panel Door, Add	*24.75*	
		For Type 304 Stainless Steel Door, Add	*448.98*	
		For Type 316 Stainless Steel Door, Add	*724.03*	
		For Embossed Panel, Add	*132.02*	
		For Galvanized Steel, Add	*82.52*	
		For Baked Enamel Finish, Add	*271.87*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-40.86*	
		For >100, Deduct	*-59.06*	
		For 2" Thick Door, Add	*44.33*	
		For Insulated Door (Polystyrene Core), Add	*55.01*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*137.53*	
08 13 13 13-0055	PR	Pair 2'-8" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	736.39	89.03
		For 18 Gauge, Grade II, Heavy Duty, Add	*111.66*	
		For Composite Door Instead Of Full Panel Door, Add	*25.12*	
		For Type 304 Stainless Steel Door, Add	*455.56*	
		For Type 316 Stainless Steel Door, Add	*734.72*	
		For Embossed Panel, Add	*134.00*	
		For Galvanized Steel, Add	*83.75*	
		For Baked Enamel Finish, Add	*274.34*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-41.27*	
		For >100, Deduct	*-59.68*	
		For 2" Thick Door, Add	*44.93*	
		For Insulated Door (Polystyrene Core), Add	*55.83*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*139.58*	
08 13 13 13-0056	PR	Pair 3' x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	750.69	92.91
		For 18 Gauge, Grade II, Heavy Duty, Add	*112.98*	
		For Composite Door Instead Of Full Panel Door, Add	*25.42*	
		For Type 304 Stainless Steel Door, Add	*461.19*	
		For Type 316 Stainless Steel Door, Add	*743.63*	
		For Embossed Panel, Add	*135.57*	
		For Galvanized Steel, Add	*84.73*	
		For Baked Enamel Finish, Add	*280.95*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-42.18*	
		For >100, Deduct	*-60.95*	
		For 2" Thick Door, Add	*45.60*	
		For Insulated Door (Polystyrene Core), Add	*56.49*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*141.22*	
08 13 13 13-0057	PR	Pair 3'-6" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	817.55	96.78
		For 18 Gauge, Grade II, Heavy Duty, Add	*124.80*	
		For Composite Door Instead Of Full Panel Door, Add	*28.08*	
		For Type 304 Stainless Steel Door, Add	*508.88*	
		For Type 316 Stainless Steel Door, Add	*820.88*	
		For Embossed Panel, Add	*149.76*	
		For Galvanized Steel, Add	*93.60*	
		For Baked Enamel Finish, Add	*303.33*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-45.72*	
		For >100, Deduct	*-66.16*	
		For 2" Thick Door, Add	*50.08*	
		For Insulated Door (Polystyrene Core), Add	*62.40*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*156.00*	
08 13 13 13-0058	PR	Pair 4' x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	898.73	104.52
		For 18 Gauge, Grade II, Heavy Duty, Add	*137.94*	
		For Composite Door Instead Of Full Panel Door, Add	*31.04*	
		For Type 304 Stainless Steel Door, Add	*562.20*	
		For Type 316 Stainless Steel Door, Add	*907.04*	
		For Embossed Panel, Add	*165.52*	
		For Galvanized Steel, Add	*103.45*	
		For Baked Enamel Finish, Add	*332.33*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-50.16*	
		For >100, Deduct	*-72.63*	
		For 2" Thick Door, Add	*55.23*	
		For Insulated Door (Polystyrene Core), Add	*68.97*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*172.42*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0059		7' High *(08 13 13 13-0044)*		
08 13 13 13-0060	EA	2' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	365.59	44.82
		For 18 Gauge, Grade II, Heavy Duty, Add	*55.19*	
		For Composite Door Instead Of Full Panel Door, Add	*12.42*	
		For Type 304 Stainless Steel Door, Add	*225.23*	
		For Type 316 Stainless Steel Door, Add	*363.20*	
		For Embossed Panel, Add	*66.23*	
		For Galvanized Steel, Add	*41.39*	
		For Baked Enamel Finish, Add	*136.57*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.52*	
		For >100, Deduct	*-29.66*	
		For 2" Thick Door, Add	*22.25*	
		For Insulated Door (Polystyrene Core), Add	*27.59*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*68.99*	
08 13 13 13-0061	EA	2'-4" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	365.59	44.82
		For 18 Gauge, Grade II, Heavy Duty, Add	*55.19*	
		For Composite Door Instead Of Full Panel Door, Add	*12.42*	
		For Type 304 Stainless Steel Door, Add	*225.23*	
		For Type 316 Stainless Steel Door, Add	*363.20*	
		For Embossed Panel, Add	*66.23*	
		For Galvanized Steel, Add	*41.39*	
		For Baked Enamel Finish, Add	*136.57*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.52*	
		For >100, Deduct	*-29.66*	
		For 2" Thick Door, Add	*22.25*	
		For Insulated Door (Polystyrene Core), Add	*27.59*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*68.99*	
08 13 13 13-0062	EA	2'-6" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	375.30	46.87
		For 18 Gauge, Grade II, Heavy Duty, Add	*56.32*	
		For Composite Door Instead Of Full Panel Door, Add	*12.67*	
		For Type 304 Stainless Steel Door, Add	*229.95*	
		For Type 316 Stainless Steel Door, Add	*370.74*	
		For Embossed Panel, Add	*67.58*	
		For Galvanized Steel, Add	*42.24*	
		For Baked Enamel Finish, Add	*140.71*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.11*	
		For >100, Deduct	*-30.49*	
		For 2" Thick Door, Add	*22.76*	
		For Insulated Door (Polystyrene Core), Add	*28.16*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*70.40*	
08 13 13 13-0063	EA	2'-8" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	379.50	46.87
		For 18 Gauge, Grade II, Heavy Duty, Add	*57.16*	
		For Composite Door Instead Of Full Panel Door, Add	*12.86*	
		For Type 304 Stainless Steel Door, Add	*233.31*	
		For Type 316 Stainless Steel Door, Add	*376.20*	
		For Embossed Panel, Add	*68.59*	
		For Galvanized Steel, Add	*42.87*	
		For Baked Enamel Finish, Add	*141.97*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.32*	
		For >100, Deduct	*-30.81*	
		For 2" Thick Door, Add	*23.06*	
		For Insulated Door (Polystyrene Core), Add	*28.58*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*71.45*	
08 13 13 13-0064	EA	3' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	386.94	48.90
		For 18 Gauge, Grade II, Heavy Duty, Add	*57.83*	
		For Composite Door Instead Of Full Panel Door, Add	*13.01*	
		For Type 304 Stainless Steel Door, Add	*236.20*	
		For Type 316 Stainless Steel Door, Add	*380.77*	
		For Embossed Panel, Add	*69.39*	
		For Galvanized Steel, Add	*43.37*	
		For Baked Enamel Finish, Add	*145.42*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.79*	
		For >100, Deduct	*-31.47*	
		For 2" Thick Door, Add	*23.41*	
		For Insulated Door (Polystyrene Core), Add	*28.91*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*72.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0065	EA	3'-4" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	408.80	48.90
		For 18 Gauge, Grade II, Heavy Duty, Add	*62.20*	
		For Composite Door Instead Of Full Panel Door, Add	*14.00*	
		For Type 304 Stainless Steel Door, Add	*253.69*	
		For Type 316 Stainless Steel Door, Add	*409.19*	
		For Embossed Panel, Add	*74.64*	
		For Galvanized Steel, Add	*46.65*	
		For Baked Enamel Finish, Add	*151.98*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-22.89*	
		For >100, Deduct	*-33.11*	
		For 2" Thick Door, Add	*24.99*	
		For Insulated Door (Polystyrene Core), Add	*31.10*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*77.75*	
08 13 13 13-0066	EA	3'-6" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	421.28	50.93
		For 18 Gauge, Grade II, Heavy Duty, Add	*63.88*	
		For Composite Door Instead Of Full Panel Door, Add	*14.37*	
		For Type 304 Stainless Steel Door, Add	*260.61*	
		For Type 316 Stainless Steel Door, Add	*420.31*	
		For Embossed Panel, Add	*76.66*	
		For Galvanized Steel, Add	*47.91*	
		For Baked Enamel Finish, Add	*156.95*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-23.61*	
		For >100, Deduct	*-34.14*	
		For 2" Thick Door, Add	*25.70*	
		For Insulated Door (Polystyrene Core), Add	*31.94*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*79.85*	
08 13 13 13-0067	EA	4' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	463.05	55.01
		For 18 Gauge, Grade II, Heavy Duty, Add	*70.61*	
		For Composite Door Instead Of Full Panel Door, Add	*15.89*	
		For Type 304 Stainless Steel Door, Add	*287.93*	
		For Type 316 Stainless Steel Door, Add	*464.44*	
		For Embossed Panel, Add	*84.73*	
		For Galvanized Steel, Add	*52.95*	
		For Baked Enamel Finish, Add	*171.92*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-25.90*	
		For >100, Deduct	*-37.48*	
		For 2" Thick Door, Add	*28.35*	
		For Insulated Door (Polystyrene Core), Add	*35.30*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*88.26*	
08 13 13 13-0068	PR	Pair 2'-6" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	741.23	89.03
		For 18 Gauge, Grade II, Heavy Duty, Add	*112.63*	
		For Composite Door Instead Of Full Panel Door, Add	*25.34*	
		For Type 304 Stainless Steel Door, Add	*459.43*	
		For Type 316 Stainless Steel Door, Add	*741.01*	
		For Embossed Panel, Add	*135.16*	
		For Galvanized Steel, Add	*84.47*	
		For Baked Enamel Finish, Add	*275.79*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-41.51*	
		For >100, Deduct	*-60.04*	
		For 2" Thick Door, Add	*45.28*	
		For Insulated Door (Polystyrene Core), Add	*56.32*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*140.79*	
08 13 13 13-0069	PR	Pair 2'-8" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	749.63	89.03
		For 18 Gauge, Grade II, Heavy Duty, Add	*114.31*	
		For Composite Door Instead Of Full Panel Door, Add	*25.72*	
		For Type 304 Stainless Steel Door, Add	*466.15*	
		For Type 316 Stainless Steel Door, Add	*751.93*	
		For Embossed Panel, Add	*137.17*	
		For Galvanized Steel, Add	*85.73*	
		For Baked Enamel Finish, Add	*278.31*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-41.93*	
		For >100, Deduct	*-60.67*	
		For 2" Thick Door, Add	*45.89*	
		For Insulated Door (Polystyrene Core), Add	*57.16*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*142.89*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0070		PR	Pair 3' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	764.10	92.91
			For 18 Gauge, Grade II, Heavy Duty, Add	*115.66*	
			For Composite Door Instead Of Full Panel Door, Add	*26.02*	
			For Type 304 Stainless Steel Door, Add	*471.92*	
			For Type 316 Stainless Steel Door, Add	*761.07*	
			For Embossed Panel, Add	*138.79*	
			For Galvanized Steel, Add	*86.74*	
			For Baked Enamel Finish, Add	*284.97*	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
			For 45 Minutes Rated Door And FM Label, Add	*41.40*	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
			For >50 To 100, Deduct	*-42.85*	
			For >100, Deduct	*-61.95*	
			For 2" Thick Door, Add	*46.57*	
			For Insulated Door (Polystyrene Core), Add	*57.83*	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*144.57*	
08 13 13 13-0071		PR	Pair 3'-6" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	832.36	96.78
			For 18 Gauge, Grade II, Heavy Duty, Add	*127.76*	
			For Composite Door Instead Of Full Panel Door, Add	*28.75*	
			For Type 304 Stainless Steel Door, Add	*520.73*	
			For Type 316 Stainless Steel Door, Add	*840.13*	
			For Embossed Panel, Add	*153.31*	
			For Galvanized Steel, Add	*95.82*	
			For Baked Enamel Finish, Add	*307.77*	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
			For 45 Minutes Rated Door And FM Label, Add	*41.40*	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
			For >50 To 100, Deduct	*-46.46*	
			For >100, Deduct	*-67.27*	
			For 2" Thick Door, Add	*51.15*	
			For Insulated Door (Polystyrene Core), Add	*63.88*	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*159.70*	
08 13 13 13-0072		PR	Pair 4' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	915.10	104.52
			For 18 Gauge, Grade II, Heavy Duty, Add	*141.21*	
			For Composite Door Instead Of Full Panel Door, Add	*31.77*	
			For Type 304 Stainless Steel Door, Add	*575.29*	
			For Type 316 Stainless Steel Door, Add	*928.32*	
			For Embossed Panel, Add	*169.45*	
			For Galvanized Steel, Add	*105.91*	
			For Baked Enamel Finish, Add	*337.25*	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
			For 45 Minutes Rated Door And FM Label, Add	*41.40*	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
			For >50 To 100, Deduct	*-50.98*	
			For >100, Deduct	*-73.86*	
			For 2" Thick Door, Add	*56.41*	
			For Insulated Door (Polystyrene Core), Add	*70.61*	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*176.51*	

08 13 13 13-0073 7'-2" High *(08 13 13 13-0044)*

08 13 13 13-0074		EA	2' x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	371.98	44.82
			For 18 Gauge, Grade II, Heavy Duty, Add	*56.47*	
			For Composite Door Instead Of Full Panel Door, Add	*12.70*	
			For Type 304 Stainless Steel Door, Add	*230.35*	
			For Type 316 Stainless Steel Door, Add	*371.51*	
			For Embossed Panel, Add	*67.76*	
			For Galvanized Steel, Add	*42.35*	
			For Baked Enamel Finish, Add	*138.49*	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
			For 45 Minutes Rated Door And FM Label, Add	*41.40*	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
			For >50 To 100, Deduct	*-20.84*	
			For >100, Deduct	*-30.14*	
			For 2" Thick Door, Add	*22.71*	
			For Insulated Door (Polystyrene Core), Add	*28.23*	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*70.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0075	EA	2'-4" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	371.98	44.82
		For 18 Gauge, Grade II, Heavy Duty, Add	*56.47*	
		For Composite Door Instead Of Full Panel Door, Add	*12.70*	
		For Type 304 Stainless Steel Door, Add	*230.35*	
		For Type 316 Stainless Steel Door, Add	*371.51*	
		For Embossed Panel, Add	*67.76*	
		For Galvanized Steel, Add	*42.35*	
		For Baked Enamel Finish, Add	*138.49*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.84*	
		For >100, Deduct	*-30.14*	
		For 2" Thick Door, Add	*22.71*	
		For Insulated Door (Polystyrene Core), Add	*28.23*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*70.58*	
08 13 13 13-0076	EA	2'-6" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	381.83	46.87
		For 18 Gauge, Grade II, Heavy Duty, Add	*57.62*	
		For Composite Door Instead Of Full Panel Door, Add	*12.96*	
		For Type 304 Stainless Steel Door, Add	*235.17*	
		For Type 316 Stainless Steel Door, Add	*379.23*	
		For Embossed Panel, Add	*69.15*	
		For Galvanized Steel, Add	*43.22*	
		For Baked Enamel Finish, Add	*142.67*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.43*	
		For >100, Deduct	*-30.98*	
		For 2" Thick Door, Add	*23.23*	
		For Insulated Door (Polystyrene Core), Add	*28.81*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*72.03*	
08 13 13 13-0077	EA	2'-8" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	386.13	46.87
		For 18 Gauge, Grade II, Heavy Duty, Add	*58.48*	
		For Composite Door Instead Of Full Panel Door, Add	*13.16*	
		For Type 304 Stainless Steel Door, Add	*238.61*	
		For Type 316 Stainless Steel Door, Add	*384.82*	
		For Embossed Panel, Add	*70.18*	
		For Galvanized Steel, Add	*43.86*	
		For Baked Enamel Finish, Add	*143.96*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.65*	
		For >100, Deduct	*-31.30*	
		For 2" Thick Door, Add	*23.54*	
		For Insulated Door (Polystyrene Core), Add	*29.24*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*73.10*	
08 13 13 13-0078	EA	3' x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	393.65	48.90
		For 18 Gauge, Grade II, Heavy Duty, Add	*59.17*	
		For Composite Door Instead Of Full Panel Door, Add	*13.31*	
		For Type 304 Stainless Steel Door, Add	*241.57*	
		For Type 316 Stainless Steel Door, Add	*389.50*	
		For Embossed Panel, Add	*71.00*	
		For Galvanized Steel, Add	*44.38*	
		For Baked Enamel Finish, Add	*147.44*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-22.13*	
		For >100, Deduct	*-31.97*	
		For 2" Thick Door, Add	*23.89*	
		For Insulated Door (Polystyrene Core), Add	*29.59*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*73.96*	
08 13 13 13-0079	EA	3'-4" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	416.01	48.90
		For 18 Gauge, Grade II, Heavy Duty, Add	*63.64*	
		For Composite Door Instead Of Full Panel Door, Add	*14.32*	
		For Type 304 Stainless Steel Door, Add	*259.46*	
		For Type 316 Stainless Steel Door, Add	*418.56*	
		For Embossed Panel, Add	*76.37*	
		For Galvanized Steel, Add	*47.73*	
		For Baked Enamel Finish, Add	*154.14*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-23.25*	
		For >100, Deduct	*-33.65*	
		For 2" Thick Door, Add	*25.52*	
		For Insulated Door (Polystyrene Core), Add	*31.82*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*79.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0080	EA	3'-6" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	428.69	50.93
		For 18 Gauge, Grade II, Heavy Duty, Add	*65.36*	
		For Composite Door Instead Of Full Panel Door, Add	*14.71*	
		For Type 304 Stainless Steel Door, Add	*266.54*	
		For Type 316 Stainless Steel Door, Add	*429.95*	
		For Embossed Panel, Add	*78.43*	
		For Galvanized Steel, Add	*49.02*	
		For Baked Enamel Finish, Add	*159.17*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-23.98*	
		For >100, Deduct	*-34.70*	
		For 2" Thick Door, Add	*26.24*	
		For Insulated Door (Polystyrene Core), Add	*32.68*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*81.70*	
08 13 13 13-0081	EA	4' x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	471.23	55.01
		For 18 Gauge, Grade II, Heavy Duty, Add	*72.24*	
		For Composite Door Instead Of Full Panel Door, Add	*16.25*	
		For Type 304 Stainless Steel Door, Add	*294.47*	
		For Type 316 Stainless Steel Door, Add	*475.07*	
		For Embossed Panel, Add	*86.69*	
		For Galvanized Steel, Add	*54.18*	
		For Baked Enamel Finish, Add	*174.38*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-26.31*	
		For >100, Deduct	*-38.09*	
		For 2" Thick Door, Add	*28.94*	
		For Insulated Door (Polystyrene Core), Add	*36.12*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*90.30*	
08 13 13 13-0082	PR	Pair 2'-6" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	754.29	89.03
		For 18 Gauge, Grade II, Heavy Duty, Add	*115.24*	
		For Composite Door Instead Of Full Panel Door, Add	*25.93*	
		For Type 304 Stainless Steel Door, Add	*469.88*	
		For Type 316 Stainless Steel Door, Add	*757.99*	
		For Embossed Panel, Add	*138.29*	
		For Galvanized Steel, Add	*86.43*	
		For Baked Enamel Finish, Add	*279.71*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-42.17*	
		For >100, Deduct	*-61.02*	
		For 2" Thick Door, Add	*46.23*	
		For Insulated Door (Polystyrene Core), Add	*57.62*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*144.06*	
08 13 13 13-0083	PR	Pair 2'-8" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	762.89	89.03
		For 18 Gauge, Grade II, Heavy Duty, Add	*116.96*	
		For Composite Door Instead Of Full Panel Door, Add	*26.32*	
		For Type 304 Stainless Steel Door, Add	*476.76*	
		For Type 316 Stainless Steel Door, Add	*769.17*	
		For Embossed Panel, Add	*140.36*	
		For Galvanized Steel, Add	*87.72*	
		For Baked Enamel Finish, Add	*282.29*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-42.60*	
		For >100, Deduct	*-61.67*	
		For 2" Thick Door, Add	*46.85*	
		For Insulated Door (Polystyrene Core), Add	*58.48*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*146.21*	
08 13 13 13-0084	PR	Pair 3' x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	777.51	92.91
		For 18 Gauge, Grade II, Heavy Duty, Add	*118.34*	
		For Composite Door Instead Of Full Panel Door, Add	*26.63*	
		For Type 304 Stainless Steel Door, Add	*482.65*	
		For Type 316 Stainless Steel Door, Add	*778.50*	
		For Embossed Panel, Add	*142.01*	
		For Galvanized Steel, Add	*88.76*	
		For Baked Enamel Finish, Add	*289.00*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-43.52*	
		For >100, Deduct	*-62.96*	
		For 2" Thick Door, Add	*47.54*	
		For Insulated Door (Polystyrene Core), Add	*59.17*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*147.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0085	PR	Pair 3'-6" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	847.17	96.78
		For 18 Gauge, Grade II, Heavy Duty, Add	*130.72*	
		For Composite Door Instead Of Full Panel Door, Add	*29.41*	
		For Type 304 Stainless Steel Door, Add	*532.57*	
		For Type 316 Stainless Steel Door, Add	*859.38*	
		For Embossed Panel, Add	*156.87*	
		For Galvanized Steel, Add	*98.04*	
		For Baked Enamel Finish, Add	*312.22*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-47.20*	
		For >100, Deduct	*-68.38*	
		For 2" Thick Door, Add	*52.23*	
		For Insulated Door (Polystyrene Core), Add	*65.36*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*163.41*	
08 13 13 13-0086	PR	Pair 4' x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	931.47	104.52
		For 18 Gauge, Grade II, Heavy Duty, Add	*144.48*	
		For Composite Door Instead Of Full Panel Door, Add	*32.51*	
		For Type 304 Stainless Steel Door, Add	*588.39*	
		For Type 316 Stainless Steel Door, Add	*949.60*	
		For Embossed Panel, Add	*173.38*	
		For Galvanized Steel, Add	*108.36*	
		For Baked Enamel Finish, Add	*342.16*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-51.80*	
		For >100, Deduct	*-75.09*	
		For 2" Thick Door, Add	*57.60*	
		For Insulated Door (Polystyrene Core), Add	*72.24*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*180.61*	

08 13 13 13-0087 8' High *(08 13 13 13-0044)*

08 13 13 13-0088	EA	2' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	424.75	44.82
		For 18 Gauge, Grade II, Heavy Duty, Add	*67.02*	
		For 1' To 1'-6" Extra Height, Add	*176.90*	
		For Composite Door Instead Of Full Panel Door, Add	*15.08*	
		For Type 304 Stainless Steel Door, Add	*272.56*	
		For Type 316 Stainless Steel Door, Add	*440.11*	
		For Embossed Panel, Add	*80.42*	
		For Galvanized Steel, Add	*50.27*	
		For Baked Enamel Finish, Add	*154.32*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-23.48*	
		For >100, Deduct	*-34.10*	
		For Up To 1' Extra Height, Add	*92.72*	
		For 2" Thick Door, Add	*26.54*	
		For Insulated Door (Polystyrene Core), Add	*33.51*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*83.78*	
08 13 13 13-0089	EA	2'-4" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	424.75	44.82
		For 18 Gauge, Grade II, Heavy Duty, Add	*67.02*	
		For 1' To 1'-6" Extra Height, Add	*176.90*	
		For Composite Door Instead Of Full Panel Door, Add	*15.08*	
		For Type 304 Stainless Steel Door, Add	*272.56*	
		For Type 316 Stainless Steel Door, Add	*440.11*	
		For Embossed Panel, Add	*80.42*	
		For Galvanized Steel, Add	*50.27*	
		For Baked Enamel Finish, Add	*154.32*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-23.48*	
		For >100, Deduct	*-34.10*	
		For Up To 1' Extra Height, Add	*92.72*	
		For 2" Thick Door, Add	*26.54*	
		For Insulated Door (Polystyrene Core), Add	*33.51*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*83.78*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0090	EA	2'-6" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	435.67	46.87
		For 18 Gauge, Grade II, Heavy Duty, Add	*68.39*	
		For 1' To 1'-6" Extra Height, Add	*180.52*	
		For Composite Door Instead Of Full Panel Door, Add	*15.39*	
		For Type 304 Stainless Steel Door, Add	*278.25*	
		For Type 316 Stainless Steel Door, Add	*449.22*	
		For Embossed Panel, Add	*82.07*	
		For Galvanized Steel, Add	*51.29*	
		For Baked Enamel Finish, Add	*158.82*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-24.13*	
		For >100, Deduct	*-35.02*	
		For Up To 1' Extra Height, Add	*94.62*	
		For 2" Thick Door, Add	*27.13*	
		For Insulated Door (Polystyrene Core), Add	*34.20*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*85.49*	
08 13 13 13-0091	EA	2'-8" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	440.78	46.87
		For 18 Gauge, Grade II, Heavy Duty, Add	*69.41*	
		For 1' To 1'-6" Extra Height, Add	*183.21*	
		For Composite Door Instead Of Full Panel Door, Add	*15.62*	
		For Type 304 Stainless Steel Door, Add	*282.33*	
		For Type 316 Stainless Steel Door, Add	*455.86*	
		For Embossed Panel, Add	*83.29*	
		For Galvanized Steel, Add	*52.06*	
		For Baked Enamel Finish, Add	*160.35*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-24.38*	
		For >100, Deduct	*-35.40*	
		For Up To 1' Extra Height, Add	*96.03*	
		For 2" Thick Door, Add	*27.50*	
		For Insulated Door (Polystyrene Core), Add	*34.71*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*86.77*	
08 13 13 13-0092	EA	3' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	448.94	48.90
		For 18 Gauge, Grade II, Heavy Duty, Add	*70.23*	
		For 1' To 1'-6" Extra Height, Add	*185.37*	
		For Composite Door Instead Of Full Panel Door, Add	*15.80*	
		For Type 304 Stainless Steel Door, Add	*285.80*	
		For Type 316 Stainless Steel Door, Add	*461.37*	
		For Embossed Panel, Add	*84.27*	
		For Galvanized Steel, Add	*52.67*	
		For Baked Enamel Finish, Add	*164.02*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-24.89*	
		For >100, Deduct	*-36.12*	
		For Up To 1' Extra Height, Add	*97.16*	
		For 2" Thick Door, Add	*27.90*	
		For Insulated Door (Polystyrene Core), Add	*35.11*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*87.79*	
08 13 13 13-0093	EA	3'-4" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	475.48	48.90
		For 18 Gauge, Grade II, Heavy Duty, Add	*75.54*	
		For 1' To 1'-6" Extra Height, Add	*199.38*	
		For Composite Door Instead Of Full Panel Door, Add	*17.00*	
		For Type 304 Stainless Steel Door, Add	*307.03*	
		For Type 316 Stainless Steel Door, Add	*495.87*	
		For Embossed Panel, Add	*90.64*	
		For Galvanized Steel, Add	*56.65*	
		For Baked Enamel Finish, Add	*171.98*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-26.22*	
		For >100, Deduct	*-38.11*	
		For Up To 1' Extra Height, Add	*104.50*	
		For 2" Thick Door, Add	*29.83*	
		For Insulated Door (Polystyrene Core), Add	*37.77*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*94.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0094	EA	3'-6" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	489.77	50.93
		For 18 Gauge, Grade II, Heavy Duty, Add	*77.58*	
		For 1' To 1'-6" Extra Height, Add	*204.77*	
		For Composite Door Instead Of Full Panel Door, Add	*17.46*	
		For Type 304 Stainless Steel Door, Add	*315.41*	
		For Type 316 Stainless Steel Door, Add	*509.35*	
		For Embossed Panel, Add	*93.09*	
		For Galvanized Steel, Add	*58.18*	
		For Baked Enamel Finish, Add	*177.50*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-27.04*	
		For >100, Deduct	*-39.28*	
		For Up To 1' Extra Height, Add	*107.33*	
		For 2" Thick Door, Add	*30.67*	
		For Insulated Door (Polystyrene Core), Add	*38.79*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*96.97*	
08 13 13 13-0095	EA	4' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	538.74	55.01
		For 18 Gauge, Grade II, Heavy Duty, Add	*85.74*	
		For 1' To 1'-6" Extra Height, Add	*226.32*	
		For Composite Door Instead Of Full Panel Door, Add	*19.29*	
		For Type 304 Stainless Steel Door, Add	*348.48*	
		For Type 316 Stainless Steel Door, Add	*562.84*	
		For Embossed Panel, Add	*102.89*	
		For Galvanized Steel, Add	*64.31*	
		For Baked Enamel Finish, Add	*194.63*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-29.69*	
		For >100, Deduct	*-43.16*	
		For Up To 1' Extra Height, Add	*118.63*	
		For 2" Thick Door, Add	*33.83*	
		For Insulated Door (Polystyrene Core), Add	*42.87*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*107.18*	
08 13 13 13-0096	PR	Pair 2'-6" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	861.98	89.03
		For 18 Gauge, Grade II, Heavy Duty, Add	*136.78*	
		For 1' To 1'-6" Extra Height, Add	*361.04*	
		For Composite Door Instead Of Full Panel Door, Add	*30.78*	
		For Type 304 Stainless Steel Door, Add	*556.03*	
		For Type 316 Stainless Steel Door, Add	*897.99*	
		For Embossed Panel, Add	*164.14*	
		For Galvanized Steel, Add	*102.59*	
		For Baked Enamel Finish, Add	*312.02*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-47.55*	
		For >100, Deduct	*-69.10*	
		For Up To 1' Extra Height, Add	*189.24*	
		For 2" Thick Door, Add	*54.04*	
		For Insulated Door (Polystyrene Core), Add	*68.39*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*170.98*	
08 13 13 13-0097	PR	Pair 2'-8" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	872.18	89.03
		For 18 Gauge, Grade II, Heavy Duty, Add	*138.82*	
		For 1' To 1'-6" Extra Height, Add	*366.42*	
		For Composite Door Instead Of Full Panel Door, Add	*31.23*	
		For Type 304 Stainless Steel Door, Add	*564.19*	
		For Type 316 Stainless Steel Door, Add	*911.25*	
		For Embossed Panel, Add	*166.59*	
		For Galvanized Steel, Add	*104.12*	
		For Baked Enamel Finish, Add	*315.08*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-48.06*	
		For >100, Deduct	*-69.87*	
		For Up To 1' Extra Height, Add	*192.06*	
		For 2" Thick Door, Add	*54.77*	
		For Insulated Door (Polystyrene Core), Add	*69.41*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*173.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0098	PR	Pair 3' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	888.09	92.91
		For 18 Gauge, Grade II, Heavy Duty, Add	*140.46*	
		For 1' To 1'-6" Extra Height, Add	*370.73*	
		For Composite Door Instead Of Full Panel Door, Add	*31.60*	
		For Type 304 Stainless Steel Door, Add	*571.11*	
		For Type 316 Stainless Steel Door, Add	*922.25*	
		For Embossed Panel, Add	*168.55*	
		For Galvanized Steel, Add	*105.34*	
		For Baked Enamel Finish, Add	*322.17*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-49.05*	
		For >100, Deduct	*-71.25*	
		For Up To 1' Extra Height, Add	*194.32*	
		For 2" Thick Door, Add	*55.56*	
		For Insulated Door (Polystyrene Core), Add	*70.23*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*175.57*	
08 13 13 13-0099	PR	Pair 3'-6" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	969.32	96.78
		For 18 Gauge, Grade II, Heavy Duty, Add	*155.15*	
		For 1' To 1'-6" Extra Height, Add	*409.53*	
		For Composite Door Instead Of Full Panel Door, Add	*34.91*	
		For Type 304 Stainless Steel Door, Add	*630.29*	
		For Type 316 Stainless Steel Door, Add	*1,018.18*	
		For Embossed Panel, Add	*186.18*	
		For Galvanized Steel, Add	*116.37*	
		For Baked Enamel Finish, Add	*348.86*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-53.30*	
		For >100, Deduct	*-77.54*	
		For Up To 1' Extra Height, Add	*214.66*	
		For 2" Thick Door, Add	*61.08*	
		For Insulated Door (Polystyrene Core), Add	*77.58*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*193.94*	
08 13 13 13-0100	PR	Pair 4' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	1,066.49	104.52
		For 18 Gauge, Grade II, Heavy Duty, Add	*171.49*	
		For 1' To 1'-6" Extra Height, Add	*452.64*	
		For Composite Door Instead Of Full Panel Door, Add	*38.58*	
		For Type 304 Stainless Steel Door, Add	*696.40*	
		For Type 316 Stainless Steel Door, Add	*1,125.12*	
		For Embossed Panel, Add	*205.79*	
		For Galvanized Steel, Add	*128.62*	
		For Baked Enamel Finish, Add	*382.66*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-58.55*	
		For >100, Deduct	*-85.21*	
		For Up To 1' Extra Height, Add	*237.25*	
		For 2" Thick Door, Add	*67.39*	
		For Insulated Door (Polystyrene Core), Add	*85.74*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*214.36*	

08 13 13 13-0101 16 Gauge 1-3/4" Unrated Door *(08 13 13 13)*

08 13 13 13-0102 6'-8" High *(08 13 13 13-0101)*

08 13 13 13-0103	EA	2' x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	462.96	44.82
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*111.99*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*149.32*	
		For Composite Door Instead Of Full Panel Door, Add	*16.80*	
		For Type 304 Stainless Steel Door, Add	*303.13*	
		For Type 316 Stainless Steel Door, Add	*489.79*	
		For Embossed Panel, Add	*89.59*	
		For Galvanized Steel, Add	*56.00*	
		For Baked Enamel Finish, Add	*165.78*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-25.39*	
		For >100, Deduct	*-36.96*	
		For 2" Thick Door, Add	*29.31*	
		For Insulated Door (Polystyrene Core), Add	*37.33*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*93.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0104	EA	2'-4" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	462.96	44.82
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*111.99*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*149.32*	
		For Composite Door Instead Of Full Panel Door, Add	*16.80*	
		For Type 304 Stainless Steel Door, Add	*303.13*	
		For Type 316 Stainless Steel Door, Add	*489.79*	
		For Embossed Panel, Add	*89.59*	
		For Galvanized Steel, Add	*56.00*	
		For Baked Enamel Finish, Add	*165.78*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-25.39*	
		For >100, Deduct	*-36.96*	
		For 2" Thick Door, Add	*29.31*	
		For Insulated Door (Polystyrene Core), Add	*37.33*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*93.33*	
08 13 13 13-0105	EA	2'-6" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	474.67	46.87
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*114.29*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*152.38*	
		For Composite Door Instead Of Full Panel Door, Add	*17.14*	
		For Type 304 Stainless Steel Door, Add	*309.45*	
		For Type 316 Stainless Steel Door, Add	*499.92*	
		For Embossed Panel, Add	*91.43*	
		For Galvanized Steel, Add	*57.14*	
		For Baked Enamel Finish, Add	*170.52*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-26.08*	
		For >100, Deduct	*-37.94*	
		For 2" Thick Door, Add	*29.96*	
		For Insulated Door (Polystyrene Core), Add	*38.10*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*95.24*	
08 13 13 13-0106	EA	2'-8" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	480.35	46.87
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*115.99*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*154.65*	
		For Composite Door Instead Of Full Panel Door, Add	*17.40*	
		For Type 304 Stainless Steel Door, Add	*313.99*	
		For Type 316 Stainless Steel Door, Add	*507.31*	
		For Embossed Panel, Add	*92.79*	
		For Galvanized Steel, Add	*57.99*	
		For Baked Enamel Finish, Add	*172.22*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-26.36*	
		For >100, Deduct	*-38.37*	
		For 2" Thick Door, Add	*30.37*	
		For Insulated Door (Polystyrene Core), Add	*38.66*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*96.66*	
08 13 13 13-0107	EA	3' x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	488.98	48.90
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*117.35*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*156.47*	
		For Composite Door Instead Of Full Panel Door, Add	*17.60*	
		For Type 304 Stainless Steel Door, Add	*317.83*	
		For Type 316 Stainless Steel Door, Add	*513.42*	
		For Embossed Panel, Add	*93.88*	
		For Galvanized Steel, Add	*58.68*	
		For Baked Enamel Finish, Add	*176.03*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-26.89*	
		For >100, Deduct	*-39.12*	
		For 2" Thick Door, Add	*30.81*	
		For Insulated Door (Polystyrene Core), Add	*39.12*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*97.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0108	EA	3'-4" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	518.55	48.90
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*126.23*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*168.30*	
		For Composite Door Instead Of Full Panel Door, Add	*18.93*	
		For Type 304 Stainless Steel Door, Add	*341.49*	
		For Type 316 Stainless Steel Door, Add	*551.87*	
		For Embossed Panel, Add	*100.98*	
		For Galvanized Steel, Add	*63.11*	
		For Baked Enamel Finish, Add	*184.91*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-28.37*	
		For >100, Deduct	*-41.34*	
		For 2" Thick Door, Add	*32.95*	
		For Insulated Door (Polystyrene Core), Add	*42.08*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*105.19*	
08 13 13 13-0109	EA	3'-6" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	534.00	50.93
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*129.64*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*172.85*	
		For Composite Door Instead Of Full Panel Door, Add	*19.45*	
		For Type 304 Stainless Steel Door, Add	*350.79*	
		For Type 316 Stainless Steel Door, Add	*566.85*	
		For Embossed Panel, Add	*103.71*	
		For Galvanized Steel, Add	*64.82*	
		For Baked Enamel Finish, Add	*190.76*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-29.25*	
		For >100, Deduct	*-42.60*	
		For 2" Thick Door, Add	*33.88*	
		For Insulated Door (Polystyrene Core), Add	*43.21*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*108.03*	
08 13 13 13-0110	EA	4' x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	587.63	55.01
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*143.28*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*191.04*	
		For Composite Door Instead Of Full Panel Door, Add	*21.49*	
		For Type 304 Stainless Steel Door, Add	*387.59*	
		For Type 316 Stainless Steel Door, Add	*626.39*	
		For Embossed Panel, Add	*114.63*	
		For Galvanized Steel, Add	*71.64*	
		For Baked Enamel Finish, Add	*209.30*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-32.13*	
		For >100, Deduct	*-46.82*	
		For 2" Thick Door, Add	*37.38*	
		For Insulated Door (Polystyrene Core), Add	*47.76*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*119.40*	
08 13 13 13-0111	PR	Pair 2'-6" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	939.97	89.03
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*228.57*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*304.76*	
		For Composite Door Instead Of Full Panel Door, Add	*34.29*	
		For Type 304 Stainless Steel Door, Add	*618.42*	
		For Type 316 Stainless Steel Door, Add	*999.37*	
		For Embossed Panel, Add	*182.86*	
		For Galvanized Steel, Add	*114.29*	
		For Baked Enamel Finish, Add	*335.41*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-51.45*	
		For >100, Deduct	*-74.95*	
		For 2" Thick Door, Add	*59.69*	
		For Insulated Door (Polystyrene Core), Add	*76.19*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*190.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0112	PR	Pair 2'-8" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	951.34	89.03
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*231.98*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*309.31*	
		For Composite Door Instead Of Full Panel Door, Add	*34.80*	
		For Type 304 Stainless Steel Door, Add	*627.52*	
		For Type 316 Stainless Steel Door, Add	*1,014.15*	
		For Embossed Panel, Add	*185.58*	
		For Galvanized Steel, Add	*115.99*	
		For Baked Enamel Finish, Add	*338.82*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-52.02*	
		For >100, Deduct	*-75.80*	
		For 2" Thick Door, Add	*60.51*	
		For Insulated Door (Polystyrene Core), Add	*77.33*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*193.32*	
08 13 13 13-0113	PR	Pair 3' x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	968.17	92.91
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*234.71*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*312.94*	
		For Composite Door Instead Of Full Panel Door, Add	*35.21*	
		For Type 304 Stainless Steel Door, Add	*635.18*	
		For Type 316 Stainless Steel Door, Add	*1,026.36*	
		For Embossed Panel, Add	*187.77*	
		For Galvanized Steel, Add	*117.35*	
		For Baked Enamel Finish, Add	*346.19*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-53.05*	
		For >100, Deduct	*-77.26*	
		For 2" Thick Door, Add	*61.37*	
		For Insulated Door (Polystyrene Core), Add	*78.24*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*195.59*	
08 13 13 13-0114	PR	Pair 3'-6" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	1,057.79	96.78
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*259.27*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*345.70*	
		For Composite Door Instead Of Full Panel Door, Add	*38.89*	
		For Type 304 Stainless Steel Door, Add	*701.07*	
		For Type 316 Stainless Steel Door, Add	*1,133.19*	
		For Embossed Panel, Add	*207.42*	
		For Galvanized Steel, Add	*129.64*	
		For Baked Enamel Finish, Add	*375.40*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-57.73*	
		For >100, Deduct	*-84.17*	
		For 2" Thick Door, Add	*67.50*	
		For Insulated Door (Polystyrene Core), Add	*86.42*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*216.06*	
08 13 13 13-0115	PR	Pair 4' x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	1,164.26	104.52
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*286.56*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*382.08*	
		For Composite Door Instead Of Full Panel Door, Add	*42.98*	
		For Type 304 Stainless Steel Door, Add	*774.62*	
		For Type 316 Stainless Steel Door, Add	*1,252.23*	
		For Embossed Panel, Add	*229.25*	
		For Galvanized Steel, Add	*143.28*	
		For Baked Enamel Finish, Add	*411.99*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-63.44*	
		For >100, Deduct	*-92.55*	
		For 2" Thick Door, Add	*74.48*	
		For Insulated Door (Polystyrene Core), Add	*95.52*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*238.80*	

08 13 13 13-0116 7' High *(08 13 13 13-0101)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0117	EA	2' x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	471.82	44.82
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*114.65*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*152.87*	
		For Composite Door Instead Of Full Panel Door, Add	*17.20*	
		For Type 304 Stainless Steel Door, Add	*310.22*	
		For Type 316 Stainless Steel Door, Add	*501.30*	
		For Embossed Panel, Add	*91.72*	
		For Galvanized Steel, Add	*57.33*	
		For Baked Enamel Finish, Add	*168.44*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-25.83*	
		For >100, Deduct	*-37.63*	
		For 2" Thick Door, Add	*29.95*	
		For Insulated Door (Polystyrene Core), Add	*38.22*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*95.54*	
08 13 13 13-0118	EA	2'-4" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	471.82	44.82
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*114.65*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*152.87*	
		For Composite Door Instead Of Full Panel Door, Add	*17.20*	
		For Type 304 Stainless Steel Door, Add	*310.22*	
		For Type 316 Stainless Steel Door, Add	*501.30*	
		For Embossed Panel, Add	*91.72*	
		For Galvanized Steel, Add	*57.33*	
		For Baked Enamel Finish, Add	*168.44*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-25.83*	
		For >100, Deduct	*-37.63*	
		For 2" Thick Door, Add	*29.95*	
		For Insulated Door (Polystyrene Core), Add	*38.22*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*95.54*	
08 13 13 13-0119	EA	2'-6" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	483.71	46.87
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*117.00*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*156.00*	
		For Composite Door Instead Of Full Panel Door, Add	*17.55*	
		For Type 304 Stainless Steel Door, Add	*316.68*	
		For Type 316 Stainless Steel Door, Add	*511.67*	
		For Embossed Panel, Add	*93.60*	
		For Galvanized Steel, Add	*58.50*	
		For Baked Enamel Finish, Add	*173.23*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-26.53*	
		For >100, Deduct	*-38.62*	
		For 2" Thick Door, Add	*30.62*	
		For Insulated Door (Polystyrene Core), Add	*39.00*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*97.50*	
08 13 13 13-0120	EA	2'-8" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	489.53	46.87
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*118.74*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*158.32*	
		For Composite Door Instead Of Full Panel Door, Add	*17.81*	
		For Type 304 Stainless Steel Door, Add	*321.33*	
		For Type 316 Stainless Steel Door, Add	*519.24*	
		For Embossed Panel, Add	*94.99*	
		For Galvanized Steel, Add	*59.37*	
		For Baked Enamel Finish, Add	*174.98*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-26.82*	
		For >100, Deduct	*-39.06*	
		For 2" Thick Door, Add	*31.04*	
		For Insulated Door (Polystyrene Core), Add	*39.58*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*98.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0121	EA	3' x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	498.26	48.90
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*120.14*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*160.18*	
		For Composite Door Instead Of Full Panel Door, Add	*18.02*	
		For Type 304 Stainless Steel Door, Add	*325.26*	
		For Type 316 Stainless Steel Door, Add	*525.49*	
		For Embossed Panel, Add	*96.11*	
		For Galvanized Steel, Add	*60.07*	
		For Baked Enamel Finish, Add	*178.82*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-27.36*	
		For >100, Deduct	*-39.81*	
		For 2" Thick Door, Add	*31.48*	
		For Insulated Door (Polystyrene Core), Add	*40.05*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*100.12*	
08 13 13 13-0122	EA	3'-4" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	528.53	48.90
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*129.22*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*172.29*	
		For Composite Door Instead Of Full Panel Door, Add	*19.38*	
		For Type 304 Stainless Steel Door, Add	*349.47*	
		For Type 316 Stainless Steel Door, Add	*564.84*	
		For Embossed Panel, Add	*103.38*	
		For Galvanized Steel, Add	*64.61*	
		For Baked Enamel Finish, Add	*187.90*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-28.87*	
		For >100, Deduct	*-42.08*	
		For 2" Thick Door, Add	*33.67*	
		For Insulated Door (Polystyrene Core), Add	*43.07*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*107.68*	
08 13 13 13-0123	EA	3'-6" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	544.25	50.93
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*132.71*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*176.95*	
		For Composite Door Instead Of Full Panel Door, Add	*19.91*	
		For Type 304 Stainless Steel Door, Add	*358.99*	
		For Type 316 Stainless Steel Door, Add	*580.18*	
		For Embossed Panel, Add	*106.17*	
		For Galvanized Steel, Add	*66.36*	
		For Baked Enamel Finish, Add	*193.84*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-29.76*	
		For >100, Deduct	*-43.37*	
		For 2" Thick Door, Add	*34.62*	
		For Insulated Door (Polystyrene Core), Add	*44.24*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*110.59*	
08 13 13 13-0124	EA	4' x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	598.96	55.01
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*146.68*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*195.58*	
		For Composite Door Instead Of Full Panel Door, Add	*22.00*	
		For Type 304 Stainless Steel Door, Add	*396.65*	
		For Type 316 Stainless Steel Door, Add	*641.12*	
		For Embossed Panel, Add	*117.35*	
		For Galvanized Steel, Add	*73.34*	
		For Baked Enamel Finish, Add	*212.69*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-32.70*	
		For >100, Deduct	*-47.67*	
		For 2" Thick Door, Add	*38.20*	
		For Insulated Door (Polystyrene Core), Add	*48.89*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*122.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0125	PR	Pair 2'-6" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	958.05	89.03
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*233.99*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*311.99*	
		For Composite Door Instead Of Full Panel Door, Add	*35.10*	
		For Type 304 Stainless Steel Door, Add	*632.89*	
		For Type 316 Stainless Steel Door, Add	*1,022.88*	
		For Embossed Panel, Add	*187.20*	
		For Galvanized Steel, Add	*117.00*	
		For Baked Enamel Finish, Add	*340.84*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-52.35*	
		For >100, Deduct	*-76.31*	
		For 2" Thick Door, Add	*61.00*	
		For Insulated Door (Polystyrene Core), Add	*78.00*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*195.00*	
08 13 13 13-0126	PR	Pair 2'-8" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	969.69	89.03
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*237.49*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*316.65*	
		For Composite Door Instead Of Full Panel Door, Add	*35.62*	
		For Type 304 Stainless Steel Door, Add	*642.20*	
		For Type 316 Stainless Steel Door, Add	*1,038.01*	
		For Embossed Panel, Add	*189.99*	
		For Galvanized Steel, Add	*118.74*	
		For Baked Enamel Finish, Add	*344.33*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-52.94*	
		For >100, Deduct	*-77.18*	
		For 2" Thick Door, Add	*61.84*	
		For Insulated Door (Polystyrene Core), Add	*79.16*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*197.91*	
08 13 13 13-0127	PR	Pair 3' x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	986.74	92.91
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*240.28*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*320.37*	
		For Composite Door Instead Of Full Panel Door, Add	*36.04*	
		For Type 304 Stainless Steel Door, Add	*650.03*	
		For Type 316 Stainless Steel Door, Add	*1,050.50*	
		For Embossed Panel, Add	*192.22*	
		For Galvanized Steel, Add	*120.14*	
		For Baked Enamel Finish, Add	*351.77*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-53.98*	
		For >100, Deduct	*-78.65*	
		For 2" Thick Door, Add	*62.71*	
		For Insulated Door (Polystyrene Core), Add	*80.09*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*200.23*	
08 13 13 13-0128	PR	Pair 3'-6" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,078.30	96.78
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*265.43*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*353.90*	
		For Composite Door Instead Of Full Panel Door, Add	*39.81*	
		For Type 304 Stainless Steel Door, Add	*717.48*	
		For Type 316 Stainless Steel Door, Add	*1,159.85*	
		For Embossed Panel, Add	*212.34*	
		For Galvanized Steel, Add	*132.71*	
		For Baked Enamel Finish, Add	*381.56*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-58.75*	
		For >100, Deduct	*-85.71*	
		For 2" Thick Door, Add	*68.98*	
		For Insulated Door (Polystyrene Core), Add	*88.48*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*221.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0129	PR	Pair 4' x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,186.93	104.52
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*293.36*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*391.15*	
		For Composite Door Instead Of Full Panel Door, Add	*44.00*	
		For Type 304 Stainless Steel Door, Add	*792.76*	
		For Type 316 Stainless Steel Door, Add	*1,281.70*	
		For Embossed Panel, Add	*234.69*	
		For Galvanized Steel, Add	*146.68*	
		For Baked Enamel Finish, Add	*418.79*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-64.57*	
		For >100, Deduct	*-94.25*	
		For 2" Thick Door, Add	*76.12*	
		For Insulated Door (Polystyrene Core), Add	*97.79*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*244.47*	

08 13 13 13-0130 7'-2" High *(08 13 13 13-0101)*

08 13 13 13-0131	EA	2' x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	480.68	44.82
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*117.31*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*156.41*	
		For Composite Door Instead Of Full Panel Door, Add	*17.60*	
		For Type 304 Stainless Steel Door, Add	*317.31*	
		For Type 316 Stainless Steel Door, Add	*512.82*	
		For Embossed Panel, Add	*93.85*	
		For Galvanized Steel, Add	*58.65*	
		For Baked Enamel Finish, Add	*171.10*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-26.28*	
		For >100, Deduct	*-38.29*	
		For 2" Thick Door, Add	*30.59*	
		For Insulated Door (Polystyrene Core), Add	*39.10*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*97.76*	
08 13 13 13-0132	EA	2'-4" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	480.68	44.82
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*117.31*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*156.41*	
		For Composite Door Instead Of Full Panel Door, Add	*17.60*	
		For Type 304 Stainless Steel Door, Add	*317.31*	
		For Type 316 Stainless Steel Door, Add	*512.82*	
		For Embossed Panel, Add	*93.85*	
		For Galvanized Steel, Add	*58.65*	
		For Baked Enamel Finish, Add	*171.10*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-26.28*	
		For >100, Deduct	*-38.29*	
		For 2" Thick Door, Add	*30.59*	
		For Insulated Door (Polystyrene Core), Add	*39.10*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*97.76*	
08 13 13 13-0133	EA	2'-6" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	492.75	46.87
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*119.71*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*159.61*	
		For Composite Door Instead Of Full Panel Door, Add	*17.96*	
		For Type 304 Stainless Steel Door, Add	*323.91*	
		For Type 316 Stainless Steel Door, Add	*523.43*	
		For Embossed Panel, Add	*95.77*	
		For Galvanized Steel, Add	*59.85*	
		For Baked Enamel Finish, Add	*175.94*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-26.98*	
		For >100, Deduct	*-39.30*	
		For 2" Thick Door, Add	*31.27*	
		For Insulated Door (Polystyrene Core), Add	*39.90*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*99.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0134	EA	2'-8" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	498.71	46.87
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*121.50*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*162.00*	
		For Composite Door Instead Of Full Panel Door, Add	*18.22*	
		For Type 304 Stainless Steel Door, Add	*328.68*	
		For Type 316 Stainless Steel Door, Add	*531.17*	
		For Embossed Panel, Add	*97.20*	
		For Galvanized Steel, Add	*60.75*	
		For Baked Enamel Finish, Add	*177.73*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-27.28*	
		For >100, Deduct	*-39.75*	
		For 2" Thick Door, Add	*31.70*	
		For Insulated Door (Polystyrene Core), Add	*40.50*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*101.25*	
08 13 13 13-0135	EA	3' x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	507.55	48.90
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*122.93*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*163.90*	
		For Composite Door Instead Of Full Panel Door, Add	*18.44*	
		For Type 304 Stainless Steel Door, Add	*332.69*	
		For Type 316 Stainless Steel Door, Add	*537.57*	
		For Embossed Panel, Add	*98.34*	
		For Galvanized Steel, Add	*61.46*	
		For Baked Enamel Finish, Add	*181.61*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-27.82*	
		For >100, Deduct	*-40.51*	
		For 2" Thick Door, Add	*32.15*	
		For Insulated Door (Polystyrene Core), Add	*40.98*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*102.44*	
08 13 13 13-0136	EA	3'-4" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	538.52	48.90
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*132.22*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*176.29*	
		For Composite Door Instead Of Full Panel Door, Add	*19.83*	
		For Type 304 Stainless Steel Door, Add	*357.47*	
		For Type 316 Stainless Steel Door, Add	*577.83*	
		For Embossed Panel, Add	*105.77*	
		For Galvanized Steel, Add	*66.11*	
		For Baked Enamel Finish, Add	*190.90*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-29.37*	
		For >100, Deduct	*-42.83*	
		For 2" Thick Door, Add	*34.40*	
		For Insulated Door (Polystyrene Core), Add	*44.07*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*110.18*	
08 13 13 13-0137	EA	3'-6" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	554.51	50.93
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*135.79*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*181.05*	
		For Composite Door Instead Of Full Panel Door, Add	*20.37*	
		For Type 304 Stainless Steel Door, Add	*367.20*	
		For Type 316 Stainless Steel Door, Add	*593.51*	
		For Embossed Panel, Add	*108.63*	
		For Galvanized Steel, Add	*67.89*	
		For Baked Enamel Finish, Add	*196.92*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-30.27*	
		For >100, Deduct	*-44.14*	
		For 2" Thick Door, Add	*35.36*	
		For Insulated Door (Polystyrene Core), Add	*45.26*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*113.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0138	EA	4' x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	610.30	55.01
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*150.08*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*200.11*	
		For Composite Door Instead Of Full Panel Door, Add	*22.51*	
		For Type 304 Stainless Steel Door, Add	*405.73*	
		For Type 316 Stainless Steel Door, Add	*655.87*	
		For Embossed Panel, Add	*120.07*	
		For Galvanized Steel, Add	*75.04*	
		For Baked Enamel Finish, Add	*216.10*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-33.27*	
		For >100, Deduct	*-48.52*	
		For 2" Thick Door, Add	*39.02*	
		For Insulated Door (Polystyrene Core), Add	*50.03*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*125.07*	
08 13 13 13-0139	PR	Pair 2'-6" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	976.13	89.03
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*239.42*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*319.22*	
		For Composite Door Instead Of Full Panel Door, Add	*35.91*	
		For Type 304 Stainless Steel Door, Add	*647.35*	
		For Type 316 Stainless Steel Door, Add	*1,046.38*	
		For Embossed Panel, Add	*191.53*	
		For Galvanized Steel, Add	*119.71*	
		For Baked Enamel Finish, Add	*346.26*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-53.26*	
		For >100, Deduct	*-77.66*	
		For 2" Thick Door, Add	*62.31*	
		For Insulated Door (Polystyrene Core), Add	*79.81*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*199.52*	
08 13 13 13-0140	PR	Pair 2'-8" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	988.04	89.03
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*242.99*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*323.99*	
		For Composite Door Instead Of Full Panel Door, Add	*36.45*	
		For Type 304 Stainless Steel Door, Add	*656.88*	
		For Type 316 Stainless Steel Door, Add	*1,061.86*	
		For Embossed Panel, Add	*194.39*	
		For Galvanized Steel, Add	*121.50*	
		For Baked Enamel Finish, Add	*349.83*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-53.85*	
		For >100, Deduct	*-78.55*	
		For 2" Thick Door, Add	*63.17*	
		For Insulated Door (Polystyrene Core), Add	*81.00*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*202.49*	
08 13 13 13-0141	PR	Pair 3' x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	1,005.31	92.91
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*245.85*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*327.80*	
		For Composite Door Instead Of Full Panel Door, Add	*36.88*	
		For Type 304 Stainless Steel Door, Add	*664.89*	
		For Type 316 Stainless Steel Door, Add	*1,074.64*	
		For Embossed Panel, Add	*196.68*	
		For Galvanized Steel, Add	*122.93*	
		For Baked Enamel Finish, Add	*357.34*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-54.91*	
		For >100, Deduct	*-80.04*	
		For 2" Thick Door, Add	*64.06*	
		For Insulated Door (Polystyrene Core), Add	*81.95*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*204.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0142	PR	Pair 3'-6" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	1,098.81	96.78
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*271.58*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*362.10*	
		For Composite Door Instead Of Full Panel Door, Add	*40.74*	
		For Type 304 Stainless Steel Door, Add	*733.89*	
		For Type 316 Stainless Steel Door, Add	*1,186.52*	
		For Embossed Panel, Add	*217.26*	
		For Galvanized Steel, Add	*135.79*	
		For Baked Enamel Finish, Add	*387.71*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-59.78*	
		For >100, Deduct	*-87.25*	
		For 2" Thick Door, Add	*70.47*	
		For Insulated Door (Polystyrene Core), Add	*90.53*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*226.32*	
08 13 13 13-0143	PR	Pair 4' x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	1,209.60	104.52
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*300.17*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*400.22*	
		For Composite Door Instead Of Full Panel Door, Add	*45.02*	
		For Type 304 Stainless Steel Door, Add	*810.89*	
		For Type 316 Stainless Steel Door, Add	*1,311.17*	
		For Embossed Panel, Add	*240.13*	
		For Galvanized Steel, Add	*150.08*	
		For Baked Enamel Finish, Add	*425.60*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-65.71*	
		For >100, Deduct	*-95.95*	
		For 2" Thick Door, Add	*77.77*	
		For Insulated Door (Polystyrene Core), Add	*100.06*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*250.14*	

08 13 13 13-0144 8' High *(08 13 13 13-0101)*

08 13 13 13-0145	EA	2' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	553.76	44.82
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*139.23*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*185.64*	
		For Composite Door Instead Of Full Panel Door, Add	*20.88*	
		For Type 304 Stainless Steel Door, Add	*375.77*	
		For Type 316 Stainless Steel Door, Add	*607.83*	
		For Embossed Panel, Add	*111.39*	
		For Galvanized Steel, Add	*69.62*	
		For Baked Enamel Finish, Add	*193.02*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-29.93*	
		For >100, Deduct	*-43.77*	
		For Up To 1' Extra Height, Add	*128.42*	
		For 2" Thick Door, Add	*35.89*	
		For Insulated Door (Polystyrene Core), Add	*46.41*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*116.03*	
08 13 13 13-0146	EA	2'-4" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	553.76	44.82
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*139.23*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*185.64*	
		For Composite Door Instead Of Full Panel Door, Add	*20.88*	
		For Type 304 Stainless Steel Door, Add	*375.77*	
		For Type 316 Stainless Steel Door, Add	*607.83*	
		For Embossed Panel, Add	*111.39*	
		For Galvanized Steel, Add	*69.62*	
		For Baked Enamel Finish, Add	*193.02*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-29.93*	
		For >100, Deduct	*-43.77*	
		For Up To 1' Extra Height, Add	*128.42*	
		For 2" Thick Door, Add	*35.89*	
		For Insulated Door (Polystyrene Core), Add	*46.41*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*116.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0147	EA	2'-6" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	567.33	46.87
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*142.08*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*189.44*	
		For Composite Door Instead Of Full Panel Door, Add	*21.31*	
		For Type 304 Stainless Steel Door, Add	*383.57*	
		For Type 316 Stainless Steel Door, Add	*620.38*	
		For Embossed Panel, Add	*113.67*	
		For Galvanized Steel, Add	*71.04*	
		For Baked Enamel Finish, Add	*198.32*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-30.71*	
		For >100, Deduct	*-44.89*	
		For Up To 1' Extra Height, Add	*131.05*	
		For 2" Thick Door, Add	*36.68*	
		For Insulated Door (Polystyrene Core), Add	*47.36*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*118.40*	
08 13 13 13-0148	EA	2'-8" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	574.40	46.87
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*144.20*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*192.27*	
		For Composite Door Instead Of Full Panel Door, Add	*21.63*	
		For Type 304 Stainless Steel Door, Add	*389.23*	
		For Type 316 Stainless Steel Door, Add	*629.57*	
		For Embossed Panel, Add	*115.36*	
		For Galvanized Steel, Add	*72.10*	
		For Baked Enamel Finish, Add	*200.44*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-31.06*	
		For >100, Deduct	*-45.42*	
		For Up To 1' Extra Height, Add	*133.00*	
		For 2" Thick Door, Add	*37.19*	
		For Insulated Door (Polystyrene Core), Add	*48.07*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*120.17*	
08 13 13 13-0149	EA	3' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	584.13	48.90
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*145.90*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*194.53*	
		For Composite Door Instead Of Full Panel Door, Add	*21.88*	
		For Type 304 Stainless Steel Door, Add	*393.95*	
		For Type 316 Stainless Steel Door, Add	*637.12*	
		For Embossed Panel, Add	*116.72*	
		For Galvanized Steel, Add	*72.95*	
		For Baked Enamel Finish, Add	*204.58*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-31.65*	
		For >100, Deduct	*-46.25*	
		For Up To 1' Extra Height, Add	*134.57*	
		For 2" Thick Door, Add	*37.70*	
		For Insulated Door (Polystyrene Core), Add	*48.63*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*121.58*	
08 13 13 13-0150	EA	3'-4" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	620.89	48.90
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*156.93*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*209.24*	
		For Composite Door Instead Of Full Panel Door, Add	*23.54*	
		For Type 304 Stainless Steel Door, Add	*423.36*	
		For Type 316 Stainless Steel Door, Add	*684.91*	
		For Embossed Panel, Add	*125.54*	
		For Galvanized Steel, Add	*78.46*	
		For Baked Enamel Finish, Add	*215.61*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-33.49*	
		For >100, Deduct	*-49.01*	
		For Up To 1' Extra Height, Add	*144.74*	
		For 2" Thick Door, Add	*40.37*	
		For Insulated Door (Polystyrene Core), Add	*52.31*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*130.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0151	EA	3'-6" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	639.11	50.93
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*161.17*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*214.89*	
		For Composite Door Instead Of Full Panel Door, Add	*24.18*	
		For Type 304 Stainless Steel Door, Add	*434.88*	
		For Type 316 Stainless Steel Door, Add	*703.49*	
		For Embossed Panel, Add	*128.94*	
		For Galvanized Steel, Add	*80.58*	
		For Baked Enamel Finish, Add	*222.30*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-34.50*	
		For >100, Deduct	*-50.48*	
		For Up To 1' Extra Height, Add	*148.65*	
		For 2" Thick Door, Add	*41.50*	
		For Insulated Door (Polystyrene Core), Add	*53.72*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*134.31*	
08 13 13 13-0152	EA	4' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	703.79	55.01
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*178.13*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*237.51*	
		For Composite Door Instead Of Full Panel Door, Add	*26.72*	
		For Type 304 Stainless Steel Door, Add	*480.52*	
		For Type 316 Stainless Steel Door, Add	*777.40*	
		For Embossed Panel, Add	*142.50*	
		For Galvanized Steel, Add	*89.07*	
		For Baked Enamel Finish, Add	*244.14*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-37.94*	
		For >100, Deduct	*-55.53*	
		For Up To 1' Extra Height, Add	*164.30*	
		For 2" Thick Door, Add	*45.80*	
		For Insulated Door (Polystyrene Core), Add	*59.38*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*148.44*	
08 13 13 13-0153	PR	Pair 2'-6" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,125.28	89.03
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*284.16*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*378.88*	
		For Composite Door Instead Of Full Panel Door, Add	*42.62*	
		For Type 304 Stainless Steel Door, Add	*766.67*	
		For Type 316 Stainless Steel Door, Add	*1,240.28*	
		For Embossed Panel, Add	*227.33*	
		For Galvanized Steel, Add	*142.08*	
		For Baked Enamel Finish, Add	*391.01*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-60.72*	
		For >100, Deduct	*-88.85*	
		For Up To 1' Extra Height, Add	*262.09*	
		For 2" Thick Door, Add	*73.12*	
		For Insulated Door (Polystyrene Core), Add	*94.72*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*236.80*	
08 13 13 13-0154	PR	Pair 2'-8" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,139.42	89.03
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*288.41*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*384.54*	
		For Composite Door Instead Of Full Panel Door, Add	*43.26*	
		For Type 304 Stainless Steel Door, Add	*777.98*	
		For Type 316 Stainless Steel Door, Add	*1,258.66*	
		For Embossed Panel, Add	*230.72*	
		For Galvanized Steel, Add	*144.20*	
		For Baked Enamel Finish, Add	*395.25*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-61.42*	
		For >100, Deduct	*-89.91*	
		For Up To 1' Extra Height, Add	*266.01*	
		For 2" Thick Door, Add	*74.15*	
		For Insulated Door (Polystyrene Core), Add	*96.14*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*240.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0155	PR	Pair 3' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,158.47	92.91
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*291.80*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*389.06*	
		For Composite Door Instead Of Full Panel Door, Add	*43.77*	
		For Type 304 Stainless Steel Door, Add	*787.42*	
		For Type 316 Stainless Steel Door, Add	*1,273.75*	
		For Embossed Panel, Add	*233.44*	
		For Galvanized Steel, Add	*145.90*	
		For Baked Enamel Finish, Add	*403.28*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-62.57*	
		For >100, Deduct	*-91.53*	
		For Up To 1' Extra Height, Add	*269.14*	
		For 2" Thick Door, Add	*75.16*	
		For Insulated Door (Polystyrene Core), Add	*97.27*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*243.17*	
08 13 13 13-0156	PR	Pair 3'-6" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,268.00	96.78
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*322.34*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*429.78*	
		For Composite Door Instead Of Full Panel Door, Add	*48.35*	
		For Type 304 Stainless Steel Door, Add	*869.24*	
		For Type 316 Stainless Steel Door, Add	*1,406.46*	
		For Embossed Panel, Add	*257.87*	
		For Galvanized Steel, Add	*161.17*	
		For Baked Enamel Finish, Add	*438.47*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-68.24*	
		For >100, Deduct	*-99.94*	
		For Up To 1' Extra Height, Add	*297.30*	
		For 2" Thick Door, Add	*82.74*	
		For Insulated Door (Polystyrene Core), Add	*107.45*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*268.61*	
08 13 13 13-0157	PR	Pair 4' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,396.60	104.52
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*356.27*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*475.02*	
		For Composite Door Instead Of Full Panel Door, Add	*53.44*	
		For Type 304 Stainless Steel Door, Add	*960.49*	
		For Type 316 Stainless Steel Door, Add	*1,554.27*	
		For Embossed Panel, Add	*285.01*	
		For Galvanized Steel, Add	*178.13*	
		For Baked Enamel Finish, Add	*481.70*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-75.06*	
		For >100, Deduct	*-109.97*	
		For Up To 1' Extra Height, Add	*328.60*	
		For 2" Thick Door, Add	*91.32*	
		For Insulated Door (Polystyrene Core), Add	*118.76*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*296.89*	

08 13 13 53 Custom Hollow Metal Doors *(08 13 13)*

08 13 13 53-0001 Steel 18 Gauge 1-3/4" Unrated Door *(08 13 13 53)*

08 13 13 53-0002	EA	2'-2" Or 2'-4" x 6'-9" x 1-3/4" 18 Gauge Steel Door (Unrated) With Semicircular Head	1,031.12	101.88
		For 16 Gauge Door, Add	*20.30*	
08 13 13 53-0003	EA	2'-6" x 6'-9" x 1-3/4" 18 Gauge Steel Door (Unrated) With Semicircular Head	1,083.68	122.25
		For 16 Gauge Door, Add	*20.30*	

08 13 73 Sliding Metal Doors *(08 13)*

08 13 73 00-0001 Sliding Bypass Mirror Doors *(08 13 73)*

Note: Includes 3.0 mm thick, steel frameless safety backed mirrors with anti-jump rollers and guides.

08 13 73 00-0002	EA	4' x 6' 8", Sliding Bypass Mirror Doors	281.12	61.12
08 13 73 00-0003	EA	5' x 6' 8", Sliding Bypass Mirror Doors	316.89	65.20
08 13 73 00-0004	EA	6' x 6' 8", Sliding Bypass Mirror Doors	352.67	69.27
08 13 73 00-0005	EA	8' x 6' 8", Sliding Bypass Mirror Doors	416.09	73.35

08 14 Wood Doors *(08 10)*

Note: Includes machining for all hardware, except mortised locks. Excludes finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 14 16 Flush Wood Doors *(08 14)*

08 14 16 00-0001 Hollow Core Doors, 1-3/8" Thick *(08 14 16)*

08 14 16 00-0002 Birch Faced *(08 14 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0003	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Hollow Core, Birch Faced Door	191.98	44.82
		For Each 1' Of Additional Door Height, Add	*24.56*	
		For >50 To 100, Deduct	*-11.84*	
		For >100, Deduct	*-16.64*	
08 14 16 00-0004	EA	2'-6" x 7' x 1-3/8" Hollow Core, Birch Faced Door	203.31	46.87
		For Each 1' Of Additional Door Height, Add	*26.30*	
		For >50 To 100, Deduct	*-12.51*	
		For >100, Deduct	*-17.59*	
08 14 16 00-0005	EA	2'-8" x 7' x 1-3/8" Hollow Core, Birch Faced Door	208.64	46.87
		For Each 1' Of Additional Door Height, Add	*27.58*	
		For >50 To 100, Deduct	*-12.78*	
		For >100, Deduct	*-17.99*	
08 14 16 00-0006	EA	3' x 7' x 1-3/8" Hollow Core, Birch Faced Door	214.59	48.90
		For Each 1' Of Additional Door Height, Add	*28.03*	
		For >50 To 100, Deduct	*-13.17*	
		For >100, Deduct	*-18.54*	
08 14 16 00-0007	EA	3'-4" x 7' x 1-3/8" Hollow Core, Birch Faced Door	225.99	48.90
		For Each 1' Of Additional Door Height, Add	*30.77*	
		For >50 To 100, Deduct	*-13.74*	
		For >100, Deduct	*-19.39*	
08 14 16 00-0008	EA	3'-6" x 7' x 1-3/8" Hollow Core, Birch Faced Door	238.28	50.93
		For Each 1' Of Additional Door Height, Add	*32.74*	
		For >50 To 100, Deduct	*-14.46*	
		For >100, Deduct	*-20.42*	
08 14 16 00-0009	PR	Pair 2' x 7' x 1-3/8" Hollow Core, Birch Faced Door	375.00	85.17
		For Each 1' Of Additional Door Height, Add	*49.12*	
		For >50 To 100, Deduct	*-23.01*	
		For >100, Deduct	*-32.38*	
08 14 16 00-0010	PR	Pair 2'-6" x 7' x 1-3/8" Hollow Core, Birch Faced Door	397.24	89.03
		For Each 1' Of Additional Door Height, Add	*52.60*	
		For >50 To 100, Deduct	*-24.31*	
		For >100, Deduct	*-34.24*	
08 14 16 00-0011	PR	Pair 3' x 7' x 1-3/8" Hollow Core, Birch Faced Door	419.38	92.91
		For Each 1' Of Additional Door Height, Add	*56.06*	
		For >50 To 100, Deduct	*-25.61*	
		For >100, Deduct	*-36.10*	

08 14 16 00-0012 Lauan Faced *(08 14 16 00-0001)*

08 14 16 00-0013	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Hollow Core, Lauan Faced Door	166.16	44.82
		For Each 1' Of Additional Door Height, Add	*18.36*	
		For >50 To 100, Deduct	*-10.55*	
		For >100, Deduct	*-14.70*	
08 14 16 00-0014	EA	2'-6" x 7' x 1-3/8" Hollow Core, Lauan Faced Door	175.42	46.87
		For Each 1' Of Additional Door Height, Add	*19.61*	
		For >50 To 100, Deduct	*-11.11*	
		For >100, Deduct	*-15.50*	
08 14 16 00-0015	EA	2'-8" x 7' x 1-3/8" Hollow Core, Lauan Faced Door	179.80	46.87
		For Each 1' Of Additional Door Height, Add	*20.66*	
		For >50 To 100, Deduct	*-11.33*	
		For >100, Deduct	*-15.83*	
08 14 16 00-0016	EA	3' x 7' x 1-3/8" Hollow Core, Lauan Faced Door	186.96	48.90
		For Each 1' Of Additional Door Height, Add	*21.40*	
		For >50 To 100, Deduct	*-11.79*	
		For >100, Deduct	*-16.47*	
08 14 16 00-0017	EA	3'-4" x 7' x 1-3/8" Hollow Core, Lauan Faced Door	195.49	48.90
		For Each 1' Of Additional Door Height, Add	*23.45*	
		For >50 To 100, Deduct	*-12.22*	
		For >100, Deduct	*-17.11*	
08 14 16 00-0018	EA	3'-6" x 7' x 1-3/8" Hollow Core, Lauan Faced Door	205.82	50.93
		For Each 1' Of Additional Door Height, Add	*24.95*	
		For >50 To 100, Deduct	*-12.84*	
		For >100, Deduct	*-17.98*	
08 14 16 00-0019	PR	Pair 2' x 7' x 1-3/8" Hollow Core, Lauan Faced Door	323.36	85.17
		For Each 1' Of Additional Door Height, Add	*36.73*	
		For >50 To 100, Deduct	*-20.43*	
		For >100, Deduct	*-28.51*	
08 14 16 00-0020	PR	Pair 2'-6" x 7' x 1-3/8" Hollow Core, Lauan Faced Door	341.49	89.03
		For Each 1' Of Additional Door Height, Add	*39.22*	
		For >50 To 100, Deduct	*-21.53*	
		For >100, Deduct	*-30.06*	
08 14 16 00-0021	PR	Pair 3' x 7' x 1-3/8" Hollow Core, Lauan Faced Door	364.17	92.91
		For Each 1' Of Additional Door Height, Add	*42.81*	
		For >50 To 100, Deduct	*-22.85*	
		For >100, Deduct	*-31.96*	

08 14 16 00-0022 Tempered Hardboard Faced *(08 14 16 00-0001)*

08 14 16 00-0023	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door	168.23	44.82
		For Each 1' Of Additional Door Height, Add	*18.86*	
		For >50 To 100, Deduct	*-10.65*	
		For >100, Deduct	*-14.86*	
08 14 16 00-0024	EA	2'-6" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door	178.03	46.87
		For Each 1' Of Additional Door Height, Add	*20.23*	
		For >50 To 100, Deduct	*-11.24*	
		For >100, Deduct	*-15.70*	
08 14 16 00-0025	EA	2'-8" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door	180.75	46.87
		For Each 1' Of Additional Door Height, Add	*20.89*	
		For >50 To 100, Deduct	*-11.38*	
		For >100, Deduct	*-15.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0026	EA	3' x 7' x 1-3/8" Hollow Core, Hardboard Faced Door	190.27	48.90
		For Each 1' Of Additional Door Height, Add	*22.19*	
		For >50 To 100, Deduct	*-11.96*	
		For >100, Deduct	*-16.72*	
08 14 16 00-0027	EA	3'-4" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door	200.44	48.90
		For Each 1' Of Additional Door Height, Add	*24.63*	
		For >50 To 100, Deduct	*-12.47*	
		For >100, Deduct	*-17.48*	
08 14 16 00-0028	EA	3'-6" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door	211.08	50.93
		For Each 1' Of Additional Door Height, Add	*26.21*	
		For >50 To 100, Deduct	*-13.10*	
		For >100, Deduct	*-18.38*	
08 14 16 00-0029	PR	Pair 2' x 7' x 1-3/8" Hollow Core, Hardboard Faced Door	327.51	85.17
		For Each 1' Of Additional Door Height, Add	*37.72*	
		For >50 To 100, Deduct	*-20.63*	
		For >100, Deduct	*-28.82*	
08 14 16 00-0030	PR	Pair 2'-6" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door	346.69	89.03
		For Each 1' Of Additional Door Height, Add	*40.47*	
		For >50 To 100, Deduct	*-21.79*	
		For >100, Deduct	*-30.45*	
08 14 16 00-0031	PR	Pair 3' x 7' x 1-3/8" Hollow Core, Hardboard Faced Door	370.76	92.91
		For Each 1' Of Additional Door Height, Add	*44.39*	
		For >50 To 100, Deduct	*-23.18*	
		For >100, Deduct	*-32.45*	

08 14 16 00-0032 Solid Core Doors, 1-3/8" Thick, 5 Ply *(08 14 16)*

08 14 16 00-0033 Birch Faced *(08 14 16 00-0032)*

08 14 16 00-0034	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Solid Core, Birch Faced Door	219.95	44.82
		For 7 Ply Core, Add	*19.55*	
		For Solid Wood Staved Core (Glued Block), Add	*32.58*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*31.27*	
		For >50 To 100, Deduct	*-13.24*	
		For >100, Deduct	*-18.74*	
08 14 16 00-0035	EA	2'-6" x 7' x 1-3/8" Solid Core, Birch Faced Door	230.86	46.87
		For 7 Ply Core, Add	*20.57*	
		For Solid Wood Staved Core (Glued Block), Add	*34.29*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*32.91*	
		For >50 To 100, Deduct	*-13.89*	
		For >100, Deduct	*-19.66*	
08 14 16 00-0036	EA	2'-8" x 7' x 1-3/8" Solid Core, Birch Faced Door	237.70	46.87
		For 7 Ply Core, Add	*21.60*	
		For Solid Wood Staved Core (Glued Block), Add	*36.00*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*34.56*	
		For >50 To 100, Deduct	*-14.23*	
		For >100, Deduct	*-20.17*	
08 14 16 00-0037	EA	3' x 7' x 1-3/8" Solid Core, Birch Faced Door	250.13	48.90
		For 7 Ply Core, Add	*22.85*	
		For Solid Wood Staved Core (Glued Block), Add	*38.08*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*36.56*	
		For >50 To 100, Deduct	*-14.95*	
		For >100, Deduct	*-21.20*	
08 14 16 00-0038	EA	3'-4" x 7' x 1-3/8" Solid Core, Birch Faced Door	266.85	48.90
		For 7 Ply Core, Add	*25.36*	
		For Solid Wood Staved Core (Glued Block), Add	*42.26*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*40.57*	
		For >50 To 100, Deduct	*-15.79*	
		For >100, Deduct	*-22.46*	
08 14 16 00-0039	EA	3'-6" x 7' x 1-3/8" Solid Core, Birch Faced Door	281.74	50.93
		For 7 Ply Core, Add	*26.98*	
		For Solid Wood Staved Core (Glued Block), Add	*44.97*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*43.17*	
		For >50 To 100, Deduct	*-16.63*	
		For >100, Deduct	*-23.68*	
08 14 16 00-0040	PR	Pair 2' x 7' x 1-3/8" Solid Core, Birch Faced Door	430.92	85.17
		For 7 Ply Core, Add	*39.09*	
		For Solid Wood Staved Core (Glued Block), Add	*65.15*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*62.54*	
		For >50 To 100, Deduct	*-25.80*	
		For >100, Deduct	*-36.58*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0041	PR	Pair 2'-6" x 7' x 1-3/8" Solid Core, Birch Faced Door	452.35	89.03
		For 7 Ply Core, Add	*41.14*	
		For Solid Wood Staved Core (Glued Block), Add	*68.57*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*65.83*	
		For >50 To 100, Deduct	*-27.07*	
		For >100, Deduct	*-38.38*	
08 14 16 00-0042	PR	Pair 3' x 7' x 1-3/8" Solid Core, Birch Faced Door	490.47	92.91
		For 7 Ply Core, Add	*45.70*	
		For Solid Wood Staved Core (Glued Block), Add	*76.17*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*73.12*	
		For >50 To 100, Deduct	*-29.17*	
		For >100, Deduct	*-41.43*	

08 14 16 00-0043 Lauan Faced *(08 14 16 00-0032)*

08 14 16 00-0044	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Solid Core, Lauan Faced Door	186.69	44.82
		For 7 Ply Core, Add	*14.56*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*23.29*	
		For >50 To 100, Deduct	*-11.58*	
		For >100, Deduct	*-16.24*	
08 14 16 00-0045	EA	2'-6" x 7' x 1-3/8" Solid Core, Lauan Faced Door	196.07	46.87
		For 7 Ply Core, Add	*15.35*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*24.56*	
		For >50 To 100, Deduct	*-12.15*	
		For >100, Deduct	*-17.05*	
08 14 16 00-0046	EA	2'-8" x 7' x 1-3/8" Solid Core, Lauan Faced Door	201.42	46.87
		For 7 Ply Core, Add	*16.16*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*25.85*	
		For >50 To 100, Deduct	*-12.41*	
		For >100, Deduct	*-17.45*	
08 14 16 00-0047	EA	3' x 7' x 1-3/8" Solid Core, Lauan Faced Door	210.88	48.90
		For 7 Ply Core, Add	*16.96*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*27.14*	
		For >50 To 100, Deduct	*-12.99*	
		For >100, Deduct	*-18.26*	
08 14 16 00-0048	EA	3'-4" x 7' x 1-3/8" Solid Core, Lauan Faced Door	223.32	48.90
		For 7 Ply Core, Add	*18.83*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*30.12*	
		For >50 To 100, Deduct	*-13.61*	
		For >100, Deduct	*-19.19*	
08 14 16 00-0049	EA	3'-6" x 7' x 1-3/8" Solid Core, Lauan Faced Door	237.22	50.93
		For 7 Ply Core, Add	*20.30*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*32.48*	
		For >50 To 100, Deduct	*-14.41*	
		For >100, Deduct	*-20.34*	
08 14 16 00-0050	PR	Pair 2' x 7' x 1-3/8" Solid Core, Lauan Faced Door	364.41	85.17
		For 7 Ply Core, Add	*29.11*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*46.58*	
		For >50 To 100, Deduct	*-22.48*	
		For >100, Deduct	*-31.59*	
08 14 16 00-0051	PR	Pair 2'-6" x 7' x 1-3/8" Solid Core, Lauan Faced Door	382.78	89.03
		For 7 Ply Core, Add	*30.71*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*49.13*	
		For >50 To 100, Deduct	*-23.59*	
		For >100, Deduct	*-33.16*	
08 14 16 00-0052	PR	Pair 3' x 7' x 1-3/8" Solid Core, Lauan Faced Door	411.98	92.91
		For 7 Ply Core, Add	*33.93*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*54.28*	
		For >50 To 100, Deduct	*-25.24*	
		For >100, Deduct	*-35.54*	

08 14 16 00-0053 Tempered Hardboard Faced *(08 14 16 00-0032)*

08 14 16 00-0054	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Solid Core, Hardboard Faced Door	199.23	44.82
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*26.30*	
		For >50 To 100, Deduct	*-12.20*	
		For >100, Deduct	*-17.18*	
08 14 16 00-0055	EA	2'-6" x 7' x 1-3/8" Solid Core, Hardboard Faced Door	209.67	46.87
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*27.83*	
		For >50 To 100, Deduct	*-12.83*	
		For >100, Deduct	*-18.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0056	EA	2'-8" x 7' x 1-3/8" Solid Core, Hardboard Faced Door	216.01	46.87
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*29.35*	
		For >50 To 100, Deduct	*-13.14*	
		For >100, Deduct	*-18.54*	
08 14 16 00-0057	EA	3' x 7' x 1-3/8" Solid Core, Hardboard Faced Door	222.44	48.90
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*29.91*	
		For >50 To 100, Deduct	*-13.57*	
		For >100, Deduct	*-19.13*	
08 14 16 00-0058	EA	3'-4" x 7' x 1-3/8" Solid Core, Hardboard Faced Door	236.19	48.90
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*33.21*	
		For >50 To 100, Deduct	*-14.25*	
		For >100, Deduct	*-20.16*	
08 14 16 00-0059	EA	3'-6" x 7' x 1-3/8" Solid Core, Hardboard Faced Door	265.35	50.93
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*39.23*	
		For >50 To 100, Deduct	*-15.81*	
		For >100, Deduct	*-22.45*	
08 14 16 00-0060	PR	Pair 2' x 7' x 1-3/8" Solid Core, Hardboard Faced Door	389.50	85.17
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*52.60*	
		For >50 To 100, Deduct	*-23.73*	
		For >100, Deduct	*-33.47*	
08 14 16 00-0061	PR	Pair 2'-6" x 7' x 1-3/8" Solid Core, Hardboard Faced Door	409.94	89.03
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*55.65*	
		For >50 To 100, Deduct	*-24.95*	
		For >100, Deduct	*-35.20*	
08 14 16 00-0062	PR	Pair 3' x 7' x 1-3/8" Solid Core, Hardboard Faced Door	435.10	92.91
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*59.83*	
		For >50 To 100, Deduct	*-26.40*	
		For >100, Deduct	*-37.28*	

08 14 16 00-0063 Plastic Laminated Wood Doors *(08 14 16 00-0032)*

08 14 16 00-0064	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door	316.61	44.82
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*54.47*	
		For >50 To 100, Deduct	*-18.07*	
		For >100, Deduct	*-25.99*	
08 14 16 00-0065	EA	2'-6" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door	333.17	46.87
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*57.47*	
		For >50 To 100, Deduct	*-19.00*	
		For >100, Deduct	*-27.33*	
08 14 16 00-0066	EA	2'-8" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door	345.65	46.87
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*60.46*	
		For >50 To 100, Deduct	*-19.63*	
		For >100, Deduct	*-28.27*	
08 14 16 00-0067	EA	3' x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door	362.29	48.90
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*63.48*	
		For >50 To 100, Deduct	*-20.56*	
		For >100, Deduct	*-29.62*	
08 14 16 00-0068	EA	3'-4" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door	391.38	48.90
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*70.46*	
		For >50 To 100, Deduct	*-22.01*	
		For >100, Deduct	*-31.80*	
08 14 16 00-0069	EA	3'-6" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door	414.24	50.93
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*74.97*	
		For >50 To 100, Deduct	*-23.26*	
		For >100, Deduct	*-33.62*	
08 14 16 00-0070	PR	Pair 2' x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door	624.28	85.17
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*108.95*	
		For >50 To 100, Deduct	*-35.47*	
		For >100, Deduct	*-51.08*	
08 14 16 00-0071	PR	Pair 2'-6" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door	656.93	89.03
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*114.93*	
		For >50 To 100, Deduct	*-37.30*	
		For >100, Deduct	*-53.72*	
08 14 16 00-0072	PR	Pair 3' x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door	714.80	92.91
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*126.96*	
		For >50 To 100, Deduct	*-40.39*	
		For >100, Deduct	*-58.26*	

08 14 16 00-0073 Hollow Core Doors, 1-3/4" Thick *(08 14 16)*

08 14 16 00-0074 Birch Faced *(08 14 16 00-0073)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0075	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Birch Faced Door	217.56	44.82
		For Each 1' Of Additional Door Height, Add	*30.70*	
		For >50 To 100, Deduct	*-13.12*	
		For >100, Deduct	*-18.56*	
08 14 16 00-0076	EA	2'-6" x 7' x 1-3/4" Hollow Core, Birch Faced Door	226.44	46.87
		For Each 1' Of Additional Door Height, Add	*31.85*	
		For >50 To 100, Deduct	*-13.67*	
		For >100, Deduct	*-19.33*	
08 14 16 00-0077	EA	2'-8" x 7' x 1-3/4" Hollow Core, Birch Faced Door	228.24	46.87
		For Each 1' Of Additional Door Height, Add	*32.28*	
		For >50 To 100, Deduct	*-13.76*	
		For >100, Deduct	*-19.46*	
08 14 16 00-0078	EA	3' x 7' x 1-3/4" Hollow Core, Birch Faced Door	240.18	48.90
		For Each 1' Of Additional Door Height, Add	*34.17*	
		For >50 To 100, Deduct	*-14.45*	
		For >100, Deduct	*-20.46*	
08 14 16 00-0079	EA	3'-4" x 7' x 1-3/4" Hollow Core, Birch Faced Door	261.07	48.90
		For Each 1' Of Additional Door Height, Add	*39.18*	
		For >50 To 100, Deduct	*-15.50*	
		For >100, Deduct	*-22.03*	
08 14 16 00-0080	EA	3'-6" x 7' x 1-3/4" Hollow Core, Birch Faced Door	307.53	50.93
		For Each 1' Of Additional Door Height, Add	*49.36*	
		For >50 To 100, Deduct	*-17.92*	
		For >100, Deduct	*-25.61*	
08 14 16 00-0081	PR	Pair 2'-6" x 7' x 1-3/4" Hollow Core, Birch Faced Door	426.15	85.17
		For Each 1' Of Additional Door Height, Add	*61.40*	
		For >50 To 100, Deduct	*-25.57*	
		For >100, Deduct	*-36.22*	
08 14 16 00-0082	PR	Pair 2'-6" x 7' x 1-3/4" Hollow Core, Birch Faced Door	443.54	89.03
		For Each 1' Of Additional Door Height, Add	*63.71*	
		For >50 To 100, Deduct	*-26.63*	
		For >100, Deduct	*-37.72*	
08 14 16 00-0083	PR	Pair 3' x 7' x 1-3/4" Hollow Core, Birch Faced Door	470.58	92.91
		For Each 1' Of Additional Door Height, Add	*68.34*	
		For >50 To 100, Deduct	*-28.17*	
		For >100, Deduct	*-39.94*	

08 14 16 00-0084 Lauan Faced *(08 14 16 00-0073)*

08 14 16 00-0085	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Lauan Faced Door	186.85	44.82
		For Each 1' Of Additional Door Height, Add	*23.33*	
		For >50 To 100, Deduct	*-11.58*	
		For >100, Deduct	*-16.26*	
08 14 16 00-0086	EA	2'-6" x 7' x 1-3/4" Hollow Core, Lauan Faced Door	197.61	46.87
		For Each 1' Of Additional Door Height, Add	*24.93*	
		For >50 To 100, Deduct	*-12.22*	
		For >100, Deduct	*-17.16*	
08 14 16 00-0087	EA	2'-8" x 7' x 1-3/4" Hollow Core, Lauan Faced Door	203.05	46.87
		For Each 1' Of Additional Door Height, Add	*26.24*	
		For >50 To 100, Deduct	*-12.50*	
		For >100, Deduct	*-17.57*	
08 14 16 00-0088	EA	3' x 7' x 1-3/4" Hollow Core, Lauan Faced Door	209.28	48.90
		For Each 1' Of Additional Door Height, Add	*26.76*	
		For >50 To 100, Deduct	*-12.91*	
		For >100, Deduct	*-18.14*	
08 14 16 00-0089	EA	3'-4" x 7' x 1-3/4" Hollow Core, Lauan Faced Door	221.54	48.90
		For Each 1' Of Additional Door Height, Add	*29.70*	
		For >50 To 100, Deduct	*-13.52*	
		For >100, Deduct	*-19.06*	
08 14 16 00-0090	EA	3'-6" x 7' x 1-3/4" Hollow Core, Lauan Faced Door	241.40	50.93
		For Each 1' Of Additional Door Height, Add	*33.48*	
		For >50 To 100, Deduct	*-14.62*	
		For >100, Deduct	*-20.65*	
08 14 16 00-0091	PR	Pair 2'-6" x 7' x 1-3/4" Hollow Core, Lauan Faced Door	364.72	85.17
		For Each 1' Of Additional Door Height, Add	*46.65*	
		For >50 To 100, Deduct	*-22.49*	
		For >100, Deduct	*-31.61*	
08 14 16 00-0092	PR	Pair 2'-6" x 7' x 1-3/4" Hollow Core, Lauan Faced Door	385.88	89.03
		For Each 1' Of Additional Door Height, Add	*49.87*	
		For >50 To 100, Deduct	*-23.75*	
		For >100, Deduct	*-33.39*	
08 14 16 00-0093	PR	Pair 3' x 7' x 1-3/4" Hollow Core, Lauan Faced Door	408.75	92.91
		For Each 1' Of Additional Door Height, Add	*53.51*	
		For >50 To 100, Deduct	*-25.08*	
		For >100, Deduct	*-35.30*	

08 14 16 00-0094 Tempered Hardboard *(08 14 16 00-0073)*

08 14 16 00-0095	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	187.56	44.82
		For Each 1' Of Additional Door Height, Add	*23.50*	
		For >50 To 100, Deduct	*-11.62*	
		For >100, Deduct	*-16.31*	
08 14 16 00-0096	EA	2'-6" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	194.35	46.87
		For Each 1' Of Additional Door Height, Add	*24.15*	
		For >50 To 100, Deduct	*-12.06*	
		For >100, Deduct	*-16.92*	
08 14 16 00-0097	EA	2'-8" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	199.80	46.87
		For Each 1' Of Additional Door Height, Add	*25.46*	
		For >50 To 100, Deduct	*-12.33*	
		For >100, Deduct	*-17.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0098	EA	3' x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	209.31	48.90
		For Each 1' Of Additional Door Height, Add	*26.76*	
		For >50 To 100, Deduct	*-12.91*	
		For >100, Deduct	*-18.14*	
08 14 16 00-0099	EA	3'-4" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	215.53	48.90
		For Each 1' Of Additional Door Height, Add	*28.26*	
		For >50 To 100, Deduct	*-13.22*	
		For >100, Deduct	*-18.61*	
08 14 16 00-0100	EA	3'-6" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	239.84	50.93
		For Each 1' Of Additional Door Height, Add	*33.11*	
		For >50 To 100, Deduct	*-14.54*	
		For >100, Deduct	*-20.54*	
08 14 16 00-0101	PR	Pair 2' x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	366.14	85.17
		For Each 1' Of Additional Door Height, Add	*46.99*	
		For >50 To 100, Deduct	*-22.57*	
		For >100, Deduct	*-31.72*	
08 14 16 00-0102	PR	Pair 2'-6" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	379.32	89.03
		For Each 1' Of Additional Door Height, Add	*48.30*	
		For >50 To 100, Deduct	*-23.42*	
		For >100, Deduct	*-32.90*	
08 14 16 00-0103	PR	Pair 3' x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	408.83	92.91
		For Each 1' Of Additional Door Height, Add	*53.52*	
		For >50 To 100, Deduct	*-25.09*	
		For >100, Deduct	*-35.31*	

08 14 16 00-0104 Oak Or Maple Faced *(08 14 16 00-0073)*

08 14 16 00-0105	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	257.95	44.82
		For Each 1' Of Additional Door Height, Add	*40.39*	
		For >50 To 100, Deduct	*-15.14*	
		For >100, Deduct	*-21.59*	
08 14 16 00-0106	EA	2'-6" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	268.35	46.87
		For Each 1' Of Additional Door Height, Add	*41.91*	
		For >50 To 100, Deduct	*-15.76*	
		For >100, Deduct	*-22.47*	
08 14 16 00-0107	EA	2'-8" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	270.72	46.87
		For Each 1' Of Additional Door Height, Add	*42.48*	
		For >50 To 100, Deduct	*-15.88*	
		For >100, Deduct	*-22.65*	
08 14 16 00-0108	EA	3' x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	285.14	48.90
		For Each 1' Of Additional Door Height, Add	*44.96*	
		For >50 To 100, Deduct	*-16.70*	
		For >100, Deduct	*-23.83*	
08 14 16 00-0109	EA	3'-4" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	312.62	48.90
		For Each 1' Of Additional Door Height, Add	*51.56*	
		For >50 To 100, Deduct	*-18.08*	
		For >100, Deduct	*-25.89*	
08 14 16 00-0110	EA	3'-6" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	372.47	50.93
		For Each 1' Of Additional Door Height, Add	*64.94*	
		For >50 To 100, Deduct	*-21.17*	
		For >100, Deduct	*-30.48*	
08 14 16 00-0111	PR	Pair 2' x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	506.92	85.17
		For Each 1' Of Additional Door Height, Add	*80.78*	
		For >50 To 100, Deduct	*-29.60*	
		For >100, Deduct	*-42.28*	
08 14 16 00-0112	PR	Pair 2'-6" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	527.37	89.03
		For Each 1' Of Additional Door Height, Add	*83.83*	
		For >50 To 100, Deduct	*-30.82*	
		For >100, Deduct	*-44.00*	
08 14 16 00-0113	PR	Pair 3' x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	560.50	92.91
		For Each 1' Of Additional Door Height, Add	*89.93*	
		For >50 To 100, Deduct	*-32.67*	
		For >100, Deduct	*-46.68*	

08 14 16 00-0114 Walnut Faced *(08 14 16 00-0073)*

08 14 16 00-0115	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Walnut Faced Door	317.65	44.82
		For Each 1' Of Additional Door Height, Add	*54.72*	
		For >50 To 100, Deduct	*-18.12*	
		For >100, Deduct	*-26.07*	
08 14 16 00-0116	EA	2'-6" x 7' x 1-3/4" Hollow Core, Walnut Faced Door	323.32	46.87
		For Each 1' Of Additional Door Height, Add	*55.10*	
		For >50 To 100, Deduct	*-18.51*	
		For >100, Deduct	*-26.59*	
08 14 16 00-0117	EA	2'-8" x 7' x 1-3/4" Hollow Core, Walnut Faced Door	333.41	46.87
		For Each 1' Of Additional Door Height, Add	*57.53*	
		For >50 To 100, Deduct	*-19.01*	
		For >100, Deduct	*-27.35*	
08 14 16 00-0118	EA	3' x 7' x 1-3/4" Hollow Core, Walnut Faced Door	340.59	48.90
		For Each 1' Of Additional Door Height, Add	*58.27*	
		For >50 To 100, Deduct	*-19.47*	
		For >100, Deduct	*-27.99*	
08 14 16 00-0119	EA	3'-4" x 7' x 1-3/4" Hollow Core, Walnut Faced Door	367.68	48.90
		For Each 1' Of Additional Door Height, Add	*64.77*	
		For >50 To 100, Deduct	*-20.83*	
		For >100, Deduct	*-30.02*	
08 14 16 00-0120	EA	3'-6" x 7' x 1-3/4" Hollow Core, Walnut Faced Door	441.73	50.93
		For Each 1' Of Additional Door Height, Add	*81.56*	
		For >50 To 100, Deduct	*-24.63*	
		For >100, Deduct	*-35.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0121	PR	Pair 2' x 7' x 1-3/4" Hollow Core, Walnut Faced Door	626.12	85.17
		For Each 1' Of Additional Door Height, Add	*109.39*	
		For >50 To 100, Deduct	*-35.56*	
		For >100, Deduct	*-51.22*	
08 14 16 00-0122	PR	Pair 2'-6" x 7' x 1-3/4" Hollow Core, Walnut Faced Door	637.26	89.03
		For Each 1' Of Additional Door Height, Add	*110.21*	
		For >50 To 100, Deduct	*-36.31*	
		For >100, Deduct	*-52.25*	
08 14 16 00-0123	PR	Pair 3' x 7' x 1-3/4" Hollow Core, Walnut Faced Door	671.39	92.91
		For Each 1' Of Additional Door Height, Add	*116.54*	
		For >50 To 100, Deduct	*-38.21*	
		For >100, Deduct	*-55.00*	

08 14 16 00-0124 Solid Core Doors, 1-3/4" Thick, 5 Ply *(08 14 16)*

08 14 16 00-0125 Birch Faced *(08 14 16 00-0124)*

08 14 16 00-0126	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core, Birch Faced Door	248.24	44.82
		For 7 Ply Core, Add	*23.79*	
		For Solid Wood Staved Core (Glued Block), Add	*39.65*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*44.13*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*19.03*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*85.64*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*118.94*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*190.31*	
		For Each 1' Of Additional Door Height, Add	*38.06*	
		For >50 To 100, Deduct	*-14.65*	
		For >100, Deduct	*-20.86*	
08 14 16 00-0127	EA	2'-6" x 7' x 1-3/4" Solid Core, Birch Faced Door	243.96	46.87
		For 7 Ply Core, Add	*22.54*	
		For Solid Wood Staved Core (Glued Block), Add	*37.56*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*42.25*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*18.03*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*81.13*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*112.68*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*180.29*	
		For Each 1' Of Additional Door Height, Add	*36.06*	
		For >50 To 100, Deduct	*-14.54*	
		For >100, Deduct	*-20.64*	
08 14 16 00-0128	EA	2'-8" x 7' x 1-3/4" Solid Core, Birch Faced Door	250.22	46.87
		For 7 Ply Core, Add	*23.48*	
		For Solid Wood Staved Core (Glued Block), Add	*39.13*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*43.81*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*18.78*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*84.51*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*117.38*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*187.80*	
		For Each 1' Of Additional Door Height, Add	*37.56*	
		For >50 To 100, Deduct	*-14.85*	
		For >100, Deduct	*-21.11*	
08 14 16 00-0129	EA	3' x 7' x 1-3/4" Solid Core, Birch Faced Door	262.65	48.90
		For 7 Ply Core, Add	*24.73*	
		For Solid Wood Staved Core (Glued Block), Add	*41.21*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*46.10*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*19.78*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*89.02*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*123.64*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*197.82*	
		For Each 1' Of Additional Door Height, Add	*39.56*	
		For >50 To 100, Deduct	*-15.58*	
		For >100, Deduct	*-22.14*	
08 14 16 00-0130	EA	3'-4" x 7' x 1-3/4" Solid Core, Birch Faced Door	280.78	48.90
		For 7 Ply Core, Add	*27.45*	
		For Solid Wood Staved Core (Glued Block), Add	*45.75*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*50.64*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*21.96*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*98.81*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*137.24*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*219.58*	
		For Each 1' Of Additional Door Height, Add	*43.92*	
		For >50 To 100, Deduct	*-16.48*	
		For >100, Deduct	*-23.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0131	EA	3'-6" x 7' x 1-3/4" Solid Core, Birch Faced Door	324.05	50.93
		For 7 Ply Core, Add	*33.33*	
		For Solid Wood Staved Core (Glued Block), Add	*55.54*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*60.64*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*26.66*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*119.97*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*166.63*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*266.60*	
		For Each 1' Of Additional Door Height, Add	*53.32*	
		For >50 To 100, Deduct	*-18.75*	
		For >100, Deduct	*-26.85*	
08 14 16 00-0132	PR	Pair 2' x 7' x 1-3/4" Solid Core, Birch Faced Door	487.52	85.17
		For 7 Ply Core, Add	*47.58*	
		For Solid Wood Staved Core (Glued Block), Add	*79.30*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*87.81*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*38.06*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*171.28*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*237.89*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*380.63*	
		For Each 1' Of Additional Door Height, Add	*76.13*	
		For >50 To 100, Deduct	*-28.63*	
		For >100, Deduct	*-40.82*	
08 14 16 00-0133	PR	Pair 2'-6" x 7' x 1-3/4" Solid Core, Birch Faced Door	478.55	89.03
		For 7 Ply Core, Add	*45.07*	
		For Solid Wood Staved Core (Glued Block), Add	*75.12*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*84.02*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*36.06*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*162.26*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*225.36*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*360.58*	
		For Each 1' Of Additional Door Height, Add	*72.12*	
		For >50 To 100, Deduct	*-28.38*	
		For >100, Deduct	*-40.34*	
08 14 16 00-0134	PR	Pair 3' x 7' x 1-3/4" Solid Core, Birch Faced Door	515.51	92.91
		For 7 Ply Core, Add	*49.46*	
		For Solid Wood Staved Core (Glued Block), Add	*82.43*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*91.72*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*39.56*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*178.04*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*247.28*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*395.64*	
		For Each 1' Of Additional Door Height, Add	*79.13*	
		For >50 To 100, Deduct	*-30.42*	
		For >100, Deduct	*-43.31*	

08 14 16 00-0135 Lauan Faced *(08 14 16 00-0124)*

08 14 16 00-0136	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core, Lauan Faced Door	221.73	44.82
		For 7 Ply Core, Add	*19.81*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*15.85*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*71.32*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*99.06*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*158.50*	
		For Each 1' Of Additional Door Height, Add	*31.70*	
		For >50 To 100, Deduct	*-13.33*	
		For >100, Deduct	*-18.87*	
08 14 16 00-0137	EA	2'-6" x 7' x 1-3/4" Solid Core, Lauan Faced Door	226.19	46.87
		For 7 Ply Core, Add	*19.87*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*15.90*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*71.53*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*99.35*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*158.96*	
		For Each 1' Of Additional Door Height, Add	*31.79*	
		For >50 To 100, Deduct	*-13.65*	
		For >100, Deduct	*-19.31*	
08 14 16 00-0138	EA	2'-8" x 7' x 1-3/4" Solid Core, Lauan Faced Door	229.99	46.87
		For 7 Ply Core, Add	*20.44*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*16.35*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*73.59*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*102.20*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*163.52*	
		For Each 1' Of Additional Door Height, Add	*32.70*	
		For >50 To 100, Deduct	*-13.84*	
		For >100, Deduct	*-19.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0139	EA	3' x 7' x 1-3/4" Solid Core, Lauan Faced Door	236.83	48.90
		For 7 Ply Core, Add	*20.85*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*16.68*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*75.08*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*104.27*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*166.84*	
		For Each 1' Of Additional Door Height, Add	*33.37*	
		For >50 To 100, Deduct	*-14.29*	
		For >100, Deduct	*-20.21*	
08 14 16 00-0140	EA	3'-4" x 7' x 1-3/4" Solid Core, Lauan Faced Door	249.39	48.90
		For 7 Ply Core, Add	*22.74*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*18.19*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*81.86*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*113.69*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*181.91*	
		For Each 1' Of Additional Door Height, Add	*36.38*	
		For >50 To 100, Deduct	*-14.91*	
		For >100, Deduct	*-21.15*	
08 14 16 00-0141	EA	3'-6" x 7' x 1-3/4" Solid Core, Lauan Faced Door	264.29	50.93
		For 7 Ply Core, Add	*24.36*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*19.49*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*87.70*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*121.81*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*194.89*	
		For Each 1' Of Additional Door Height, Add	*38.98*	
		For >50 To 100, Deduct	*-15.76*	
		For >100, Deduct	*-22.37*	
08 14 16 00-0142	PR	Pair 2' x 7' x 1-3/4" Solid Core, Lauan Faced Door	434.50	85.17
		For 7 Ply Core, Add	*39.63*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*31.70*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*142.65*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*198.13*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*317.00*	
		For Each 1' Of Additional Door Height, Add	*63.40*	
		For >50 To 100, Deduct	*-25.98*	
		For >100, Deduct	*-36.85*	
08 14 16 00-0143	PR	Pair 2'-6" x 7' x 1-3/4" Solid Core, Lauan Faced Door	443.02	89.03
		For 7 Ply Core, Add	*39.74*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*31.79*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*143.07*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*198.71*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*317.94*	
		For Each 1' Of Additional Door Height, Add	*63.59*	
		For >50 To 100, Deduct	*-26.60*	
		For >100, Deduct	*-37.68*	
08 14 16 00-0144	PR	Pair 3' x 7' x 1-3/4" Solid Core, Lauan Faced Door	463.89	92.91
		For 7 Ply Core, Add	*41.71*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*33.37*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*150.16*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*208.56*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*333.70*	
		For Each 1' Of Additional Door Height, Add	*66.74*	
		For >50 To 100, Deduct	*-27.84*	
		For >100, Deduct	*-39.44*	

08 14 16 00-0145 Plastic Laminated *(08 14 16 00-0124)*

08 14 16 00-0146	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core Plastic Laminated Door	283.08	44.82
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*23.21*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*104.45*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*145.07*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*232.12*	
		For Each 1' Of Additional Door Height, Add	*46.42*	
		For >50 To 100, Deduct	*-16.40*	
		For >100, Deduct	*-23.47*	
08 14 16 00-0147	EA	2'-6" x 7' x 1-3/4" Solid Core Plastic Laminated Door	293.19	46.87
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*23.94*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*107.71*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*149.60*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*239.36*	
		For Each 1' Of Additional Door Height, Add	*47.87*	
		For >50 To 100, Deduct	*-17.00*	
		For >100, Deduct	*-24.33*	
08 14 16 00-0148	EA	2'-8" x 7' x 1-3/4" Solid Core Plastic Laminated Door	293.19	46.87
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*23.94*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*107.71*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*149.60*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*239.36*	
		For Each 1' Of Additional Door Height, Add	*47.87*	
		For >50 To 100, Deduct	*-17.00*	
		For >100, Deduct	*-24.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0149	EA	3'-0" x 7' x 1-3/4" Solid Core Plastic Laminated Door	321.23	48.90
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*26.81*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*120.65*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*167.57*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*268.12*	
		For Each 1' Of Additional Door Height, Add	*53.62*	
		For >50 To 100, Deduct	*-18.51*	
		For >100, Deduct	*-26.54*	
08 14 16 00-0150	EA	3'-4" x 7' x 1-3/4" Solid Core Plastic Laminated Door	333.47	48.90
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*28.28*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*127.26*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*176.75*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*282.80*	
		For Each 1' Of Additional Door Height, Add	*56.56*	
		For >50 To 100, Deduct	*-19.12*	
		For >100, Deduct	*-27.46*	
08 14 16 00-0151	EA	3'-6" x 7' x 1-3/4" Solid Core Plastic Laminated Door	343.66	50.93
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*29.01*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*130.56*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*181.34*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*290.14*	
		For Each 1' Of Additional Door Height, Add	*58.03*	
		For >50 To 100, Deduct	*-19.73*	
		For >100, Deduct	*-28.32*	
08 14 16 00-0152	PR	Pair 2' x 7' x 1-3/4" Solid Core Plastic Laminated Door	557.18	85.17
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*46.42*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*208.90*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*290.14*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*464.22*	
		For Each 1' Of Additional Door Height, Add	*92.84*	
		For >50 To 100, Deduct	*-32.12*	
		For >100, Deduct	*-46.05*	
08 14 16 00-0153	PR	Pair 2'-6" x 7' x 1-3/4" Solid Core Plastic Laminated Door	577.01	89.03
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*47.87*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*215.43*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*299.21*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*478.73*	
		For Each 1' Of Additional Door Height, Add	*95.75*	
		For >50 To 100, Deduct	*-33.30*	
		For >100, Deduct	*-47.73*	
08 14 16 00-0154	PR	Pair 3' x 7' x 1-3/4" Solid Core Plastic Laminated Door	632.67	92.91
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*53.62*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*241.30*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*335.15*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*536.23*	
		For Each 1' Of Additional Door Height, Add	*107.25*	
		For >50 To 100, Deduct	*-36.28*	
		For >100, Deduct	*-52.10*	

08 14 16 00-0155 Oak Or Maple Faced *(08 14 16 00-0124)*

08 14 16 00-0156	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	303.85	44.82
		For 7 Ply Core, Add	*32.13*	
		For Solid Wood Staved Core (Glued Block), Add	*53.55*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*58.03*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*25.70*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*115.67*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*160.65*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*257.04*	
		For Each 1' Of Additional Door Height, Add	*51.41*	
		For >50 To 100, Deduct	*-17.43*	
		For >100, Deduct	*-25.03*	
08 14 16 00-0157	EA	2'-6" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	307.92	46.87
		For 7 Ply Core, Add	*32.13*	
		For Solid Wood Staved Core (Glued Block), Add	*53.55*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*58.24*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*25.70*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*115.67*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*160.65*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*257.04*	
		For Each 1' Of Additional Door Height, Add	*51.41*	
		For >50 To 100, Deduct	*-17.74*	
		For >100, Deduct	*-25.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0158	EA	2'-8" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	310.12	46.87
		For 7 Ply Core, Add	*32.46*	
		For Solid Wood Staved Core (Glued Block), Add	*54.10*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*58.79*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*25.97*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*116.86*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*162.30*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*259.68*	
		For Each 1' Of Additional Door Height, Add	*51.94*	
		For >50 To 100, Deduct	*-17.85*	
		For >100, Deduct	*-25.60*	
08 14 16 00-0159	EA	3' x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	316.20	48.90
		For 7 Ply Core, Add	*32.76*	
		For Solid Wood Staved Core (Glued Block), Add	*54.60*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*59.49*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*26.21*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*117.94*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*163.80*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*262.08*	
		For Each 1' Of Additional Door Height, Add	*52.42*	
		For >50 To 100, Deduct	*-18.26*	
		For >100, Deduct	*-26.16*	
08 14 16 00-0160	EA	3'-4" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	340.19	48.90
		For 7 Ply Core, Add	*36.36*	
		For Solid Wood Staved Core (Glued Block), Add	*60.60*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*65.49*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*29.09*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*130.89*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*181.79*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*290.87*	
		For Each 1' Of Additional Door Height, Add	*58.17*	
		For >50 To 100, Deduct	*-19.45*	
		For >100, Deduct	*-27.96*	
08 14 16 00-0161	EA	3'-6" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	406.04	50.93
		For 7 Ply Core, Add	*45.62*	
		For Solid Wood Staved Core (Glued Block), Add	*76.04*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*81.13*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*36.50*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*164.25*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*228.12*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*364.99*	
		For Each 1' Of Additional Door Height, Add	*73.00*	
		For >50 To 100, Deduct	*-22.85*	
		For >100, Deduct	*-33.00*	
08 14 16 00-0162	PR	Pair 2' x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	580.95	85.17
		For 7 Ply Core, Add	*61.59*	
		For Solid Wood Staved Core (Glued Block), Add	*102.66*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*111.17*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*49.27*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*221.73*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*307.97*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*492.74*	
		For Each 1' Of Additional Door Height, Add	*98.55*	
		For >50 To 100, Deduct	*-33.31*	
		For >100, Deduct	*-47.83*	
08 14 16 00-0163	PR	Pair 2'-6" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	591.58	89.03
		For 7 Ply Core, Add	*62.03*	
		For Solid Wood Staved Core (Glued Block), Add	*103.38*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*112.28*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*49.62*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*223.30*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*310.13*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*496.21*	
		For Each 1' Of Additional Door Height, Add	*99.24*	
		For >50 To 100, Deduct	*-34.03*	
		For >100, Deduct	*-48.82*	
08 14 16 00-0164	PR	Pair 3' x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	621.61	92.91
		For 7 Ply Core, Add	*65.37*	
		For Solid Wood Staved Core (Glued Block), Add	*108.95*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*118.24*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*52.30*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*235.33*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*326.85*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*522.96*	
		For Each 1' Of Additional Door Height, Add	*104.59*	
		For >50 To 100, Deduct	*-35.73*	
		For >100, Deduct	*-51.27*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0165		Walnut Faced *(08 14 16 00-0124)*		
08 14 16 00-0166	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core, Walnut Faced Door	418.30	44.82
		For 7 Ply Core, Add	*49.30*	
		For Solid Wood Staved Core (Glued Block), Add	*115.03*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*86.65*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*39.44*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*177.47*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*246.49*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*394.38*	
		For Each 1' Of Additional Door Height, Add	*78.88*	
		For >50 To 100, Deduct	*-23.16*	
		For >100, Deduct	*-33.61*	
08 14 16 00-0167	EA	2'-6" x 7' x 1-3/4" Solid Core, Walnut Faced Door	422.47	46.87
		For 7 Ply Core, Add	*49.31*	
		For Solid Wood Staved Core (Glued Block), Add	*115.06*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*86.87*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*39.45*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*177.53*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*246.56*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*394.50*	
		For Each 1' Of Additional Door Height, Add	*78.90*	
		For >50 To 100, Deduct	*-23.47*	
		For >100, Deduct	*-34.03*	
08 14 16 00-0168	EA	2'-8" x 7' x 1-3/4" Solid Core, Walnut Faced Door	425.87	46.87
		For 7 Ply Core, Add	*49.82*	
		For Solid Wood Staved Core (Glued Block), Add	*116.25*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*87.72*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*39.86*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*179.36*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*249.11*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*398.58*	
		For Each 1' Of Additional Door Height, Add	*79.72*	
		For >50 To 100, Deduct	*-23.64*	
		For >100, Deduct	*-34.28*	
08 14 16 00-0169	EA	3' x 7' x 1-3/4" Solid Core, Walnut Faced Door	447.64	48.90
		For 7 Ply Core, Add	*52.48*	
		For Solid Wood Staved Core (Glued Block), Add	*122.44*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*92.35*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*41.98*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*188.91*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*262.38*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*419.81*	
		For Each 1' Of Additional Door Height, Add	*83.96*	
		For >50 To 100, Deduct	*-24.83*	
		For >100, Deduct	*-36.02*	
08 14 16 00-0170	EA	3'-4" x 7' x 1-3/4" Solid Core, Walnut Faced Door	470.63	48.90
		For 7 Ply Core, Add	*55.92*	
		For Solid Wood Staved Core (Glued Block), Add	*130.49*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*98.10*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*44.74*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*201.33*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*279.62*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*447.40*	
		For Each 1' Of Additional Door Height, Add	*89.48*	
		For >50 To 100, Deduct	*-25.98*	
		For >100, Deduct	*-37.74*	
08 14 16 00-0171	EA	3'-6" x 7' x 1-3/4" Solid Core, Walnut Faced Door	571.67	50.93
		For 7 Ply Core, Add	*70.47*	
		For Solid Wood Staved Core (Glued Block), Add	*164.43*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*122.54*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*56.37*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*253.69*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*352.34*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*563.75*	
		For Each 1' Of Additional Door Height, Add	*112.75*	
		For >50 To 100, Deduct	*-31.13*	
		For >100, Deduct	*-45.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0172	PR	Pair 2' x 7' x 1-3/4" Solid Core, Walnut Faced Door	800.45	85.17
		For 7 Ply Core, Add	*94.52*	
		For Solid Wood Staved Core (Glued Block), Add	*220.54*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*166.05*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*75.61*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*340.26*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*472.59*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*756.14*	
		For Each 1' Of Additional Door Height, Add	*151.23*	
		For >50 To 100, Deduct	*-44.28*	
		For >100, Deduct	*-64.29*	
08 14 16 00-0173	PR	Pair 2'-6" x 7' x 1-3/4" Solid Core, Walnut Faced Door	812.58	89.03
		For 7 Ply Core, Add	*95.18*	
		For Solid Wood Staved Core (Glued Block), Add	*222.08*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*167.53*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*76.14*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*342.64*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*475.88*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*761.41*	
		For Each 1' Of Additional Door Height, Add	*152.28*	
		For >50 To 100, Deduct	*-45.08*	
		For >100, Deduct	*-65.40*	
08 14 16 00-0174	PR	Pair 3' x 7' x 1-3/4" Solid Core, Walnut Faced Door	875.50	92.91
		For 7 Ply Core, Add	*103.45*	
		For Solid Wood Staved Core (Glued Block), Add	*241.39*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*181.71*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*82.76*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*372.43*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*517.27*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*827.63*	
		For Each 1' Of Additional Door Height, Add	*165.53*	
		For >50 To 100, Deduct	*-48.42*	
		For >100, Deduct	*-70.31*	

08 14 16 00-0175 Manufacturer Prefinished Options For Flush Wood Doors *(08 14 16)*

08 14 16 00-0176	EA	Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door Note: Includes any standard manufacturer color on six sides.	35.59	
		For Custom Color To Match Non Standard Manufacturer Finish, Add	*11.85*	

08 14 23 Clad Wood Doors *(08 14)*

08 14 23 13 Metal-Faced Wood Doors *(08 14 23)*

See CSI section 08 70 00 00-0000 for finish hardware.

08 14 23 13-0001 24 Gauge Metal Clad Door, 1-3/4" Thick, Solid Staved Wood Core *(08 14 23 13)*

08 14 23 13-0002	EA	2' 6" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type	484.82	100.24
08 14 23 13-0003	EA	2' 8" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type	518.84	110.02
08 14 23 13-0004	EA	2' 10" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type	558.26	121.43
08 14 23 13-0005	EA	3' x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type	582.93	125.51
08 14 23 13-0006	EA	3' 4" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type	624.68	138.14
08 14 23 13-0007	EA	3' 8" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type	675.05	142.62

08 14 66 Wood Screen Doors *(08 14)*

08 14 66 00-0001 Wood Screen Storm Door, Residential Grade *(08 14 66)*

Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 14 66 00-0002	EA	2'-8" x 6'-8" Wood Screen Door, Residential, With Frame, Trim, Hardware	360.50	117.36
08 14 66 00-0003	EA	3' x 6'-8" Wood Screen Door, Residential, With Frame, Trim, Hardware	378.61	130.39
08 14 66 00-0004	EA	2'-8" x 7" Wood Screen Door, Residential, With Frame, Trim, Hardware	360.50	117.36
08 14 66 00-0005	EA	3' x 7' Wood Screen Door, Residential, With Frame, Trim, Hardware	378.61	130.39

08 14 73 Sliding Wood Doors *(08 14)*

08 14 73 00-0001 Pocket Door *(08 14 73)*

Note: Includes door, frame and trim, and all mounting and door hardware. See CSI section 08 14 73 00-0054 for accessories to be added.

08 14 73 00-0002 1-3/8" Thick *(08 14 73 00-0001)*

See CSI section 08 14 73 00-0054 for all jambs and track hardware.

08 14 73 00-0003 6'-8" High *(08 14 73 00-0002)*

08 14 73 00-0004	EA	2' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	386.89	28.53
		For Oak, Add	*91.04*	
		For Ash/Hickory, Add	*132.60*	
		For Walnut, Add	*193.29*	
		For Cherry, Add	*314.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0005	EA	2'-4" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	398.96	30.56
		For Oak, Add	*93.25*	
		For Ash/Hickory, Add	*135.82*	
		For Walnut, Add	*197.98*	
		For Cherry, Add	*321.97*	
08 14 73 00-0006	EA	2'-6" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	413.02	32.60
		For Oak, Add	*96.00*	
		For Ash/Hickory, Add	*139.83*	
		For Walnut, Add	*203.83*	
		For Cherry, Add	*331.49*	
08 14 73 00-0007	EA	2'-8" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	423.09	34.64
		For Oak, Add	*97.66*	
		For Ash/Hickory, Add	*142.24*	
		For Walnut, Add	*207.35*	
		For Cherry, Add	*337.21*	
08 14 73 00-0008	EA	2'-10" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	437.18	36.67
		For Oak, Add	*100.42*	
		For Ash/Hickory, Add	*146.26*	
		For Walnut, Add	*213.21*	
		For Cherry, Add	*346.74*	
08 14 73 00-0009	EA	3' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	449.24	38.71
		For Oak, Add	*102.63*	
		For Ash/Hickory, Add	*149.48*	
		For Walnut, Add	*217.89*	
		For Cherry, Add	*354.35*	
08 14 73 00-0010	EA	Pair 2' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	761.58	50.93
		For Oak, Add	*182.08*	
		For Ash/Hickory, Add	*265.20*	
		For Walnut, Add	*386.58*	
		For Cherry, Add	*628.69*	
08 14 73 00-0011	EA	Pair 2'-6" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	805.70	55.01
		For Oak, Add	*192.01*	
		For Ash/Hickory, Add	*279.67*	
		For Walnut, Add	*407.67*	
		For Cherry, Add	*662.99*	
08 14 73 00-0012	EA	Pair 3' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	861.85	59.09
		For Oak, Add	*205.25*	
		For Ash/Hickory, Add	*298.96*	
		For Walnut, Add	*435.79*	
		For Cherry, Add	*708.72*	

08 14 73 00-0013 7' High *(08 14 73 00-0002)*

08 14 73 00-0014	EA	2' x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	456.86	28.53
		For Oak, Add	*93.56*	
		For Ash/Hickory, Add	*93.56*	
		For Walnut, Add	*153.93*	
		For Cherry, Add	*289.07*	
08 14 73 00-0015	EA	2'-4" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	478.92	30.56
		For Oak, Add	*97.77*	
		For Ash/Hickory, Add	*97.77*	
		For Walnut, Add	*160.86*	
		For Cherry, Add	*302.08*	
08 14 73 00-0016	EA	2'-6" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	494.99	32.60
		For Oak, Add	*100.58*	
		For Ash/Hickory, Add	*100.58*	
		For Walnut, Add	*165.48*	
		For Cherry, Add	*310.75*	
08 14 73 00-0017	EA	2'-8" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	509.05	34.64
		For Oak, Add	*102.91*	
		For Ash/Hickory, Add	*102.91*	
		For Walnut, Add	*169.32*	
		For Cherry, Add	*317.98*	
08 14 73 00-0018	EA	2'-10" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	521.14	36.67
		For Oak, Add	*104.79*	
		For Ash/Hickory, Add	*104.79*	
		For Walnut, Add	*172.40*	
		For Cherry, Add	*323.76*	
08 14 73 00-0019	EA	3' x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	537.20	38.71
		For Oak, Add	*107.59*	
		For Ash/Hickory, Add	*107.59*	
		For Walnut, Add	*177.02*	
		For Cherry, Add	*332.43*	
08 14 73 00-0020	EA	Pair 2' x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	901.52	50.93
		For Oak, Add	*187.12*	
		For Ash/Hickory, Add	*187.12*	
		For Walnut, Add	*307.86*	
		For Cherry, Add	*578.14*	
08 14 73 00-0021	EA	Pair 2'-6" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	969.62	55.01
		For Oak, Add	*201.15*	
		For Ash/Hickory, Add	*201.15*	
		For Walnut, Add	*330.95*	
		For Cherry, Add	*621.50*	
08 14 73 00-0022	EA	Pair 3' x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	1,037.77	59.09
		For Oak, Add	*215.18*	
		For Ash/Hickory, Add	*215.18*	
		For Walnut, Add	*354.04*	
		For Cherry, Add	*664.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 14 73 00-0023 1-3/4" Thick *(08 14 73 00-0001)*
See CSI section 08 14 73 00-0054 for all jambs and track hardware.

08 14 73 00-0024 6'-8" High *(08 14 73 00-0023)*

08 14 73 00-0025	EA	2' x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	576.81	28.53
		For Oak, Add	*121.63*	
		For Ash/Hickory, Add	*121.63*	
		For Walnut, Add	*200.11*	
		For Cherry, Add	*375.79*	
08 14 73 00-0026	EA	2'-4" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	604.87	30.56
		For Oak, Add	*127.24*	
		For Ash/Hickory, Add	*127.24*	
		For Walnut, Add	*209.35*	
		For Cherry, Add	*393.14*	
08 14 73 00-0027	EA	2'-6" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	620.93	32.60
		For Oak, Add	*130.05*	
		For Ash/Hickory, Add	*130.05*	
		For Walnut, Add	*213.96*	
		For Cherry, Add	*401.81*	
08 14 73 00-0028	EA	2'-8" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	638.99	34.64
		For Oak, Add	*133.32*	
		For Ash/Hickory, Add	*133.32*	
		For Walnut, Add	*219.35*	
		For Cherry, Add	*411.92*	
08 14 73 00-0029	EA	2'-10" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	655.08	36.67
		For Oak, Add	*136.13*	
		For Ash/Hickory, Add	*136.13*	
		For Walnut, Add	*223.97*	
		For Cherry, Add	*420.60*	
08 14 73 00-0030	EA	3' x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	671.14	38.71
		For Oak, Add	*138.93*	
		For Ash/Hickory, Add	*138.93*	
		For Walnut, Add	*228.59*	
		For Cherry, Add	*429.27*	
08 14 73 00-0031	EA	Pair 2' x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,141.41	50.93
		For Oak, Add	*243.25*	
		For Ash/Hickory, Add	*243.25*	
		For Walnut, Add	*400.22*	
		For Cherry, Add	*751.58*	
08 14 73 00-0032	EA	Pair 2'-6" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,221.51	55.01
		For Oak, Add	*260.09*	
		For Ash/Hickory, Add	*260.09*	
		For Walnut, Add	*427.93*	
		For Cherry, Add	*803.61*	
08 14 73 00-0033	EA	Pair 3' x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,305.65	59.09
		For Oak, Add	*277.87*	
		For Ash/Hickory, Add	*277.87*	
		For Walnut, Add	*457.18*	
		For Cherry, Add	*858.54*	

08 14 73 00-0034 7' High *(08 14 73 00-0023)*

08 14 73 00-0035	EA	2' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	616.79	28.53
		For Oak, Add	*130.98*	
		For Ash/Hickory, Add	*130.98*	
		For Walnut, Add	*215.50*	
		For Cherry, Add	*404.70*	
08 14 73 00-0036	EA	2'-4" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	648.85	30.56
		For Oak, Add	*137.53*	
		For Ash/Hickory, Add	*137.53*	
		For Walnut, Add	*226.28*	
		For Cherry, Add	*424.94*	
08 14 73 00-0037	EA	2'-6" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	666.91	32.60
		For Oak, Add	*140.80*	
		For Ash/Hickory, Add	*140.80*	
		For Walnut, Add	*231.67*	
		For Cherry, Add	*435.05*	
08 14 73 00-0038	EA	2'-8" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	684.97	34.64
		For Oak, Add	*144.08*	
		For Ash/Hickory, Add	*144.08*	
		For Walnut, Add	*237.05*	
		For Cherry, Add	*445.17*	
08 14 73 00-0039	EA	2'-10" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	701.06	36.67
		For Oak, Add	*146.89*	
		For Ash/Hickory, Add	*146.89*	
		For Walnut, Add	*241.67*	
		For Cherry, Add	*453.84*	
08 14 73 00-0040	EA	3' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	719.12	38.71
		For Oak, Add	*150.16*	
		For Ash/Hickory, Add	*150.16*	
		For Walnut, Add	*247.06*	
		For Cherry, Add	*463.96*	
08 14 73 00-0041	EA	Pair 2' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,221.38	50.93
		For Oak, Add	*261.96*	
		For Ash/Hickory, Add	*261.96*	
		For Walnut, Add	*431.01*	
		For Cherry, Add	*809.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0042	EA	Pair 2'-6" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,313.47	55.01
		For Oak, Add	*281.61*	
		For Ash/Hickory, Add	*281.61*	
		For Walnut, Add	*463.33*	
		For Cherry, Add	*870.10*	
08 14 73 00-0043	EA	Pair 3' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,401.60	59.09
		For Oak, Add	*300.32*	
		For Ash/Hickory, Add	*300.32*	
		For Walnut, Add	*494.12*	
		For Cherry, Add	*927.91*	

08 14 73 00-0044 8' High *(08 14 73 00-0023)*

08 14 73 00-0045	EA	2' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	656.77	28.53
		For Oak, Add	*140.34*	
		For Ash/Hickory, Add	*140.34*	
		For Walnut, Add	*230.90*	
		For Cherry, Add	*433.60*	
08 14 73 00-0046	EA	2'-4" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	688.83	30.56
		For Oak, Add	*146.89*	
		For Ash/Hickory, Add	*146.89*	
		For Walnut, Add	*241.67*	
		For Cherry, Add	*453.84*	
08 14 73 00-0047	EA	2'-6" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	708.89	32.60
		For Oak, Add	*150.63*	
		For Ash/Hickory, Add	*150.63*	
		For Walnut, Add	*247.83*	
		For Cherry, Add	*465.40*	
08 14 73 00-0048	EA	2'-8" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	728.95	34.64
		For Oak, Add	*154.37*	
		For Ash/Hickory, Add	*154.37*	
		For Walnut, Add	*253.98*	
		For Cherry, Add	*476.96*	
08 14 73 00-0049	EA	2'-10" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	745.04	36.67
		For Oak, Add	*157.18*	
		For Ash/Hickory, Add	*157.18*	
		For Walnut, Add	*258.60*	
		For Cherry, Add	*485.64*	
08 14 73 00-0050	EA	3' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	765.10	38.71
		For Oak, Add	*160.92*	
		For Ash/Hickory, Add	*160.92*	
		For Walnut, Add	*264.76*	
		For Cherry, Add	*497.20*	
08 14 73 00-0051	EA	Pair 2' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,301.34	50.93
		For Oak, Add	*280.67*	
		For Ash/Hickory, Add	*280.67*	
		For Walnut, Add	*461.79*	
		For Cherry, Add	*867.21*	
08 14 73 00-0052	EA	Pair 2'-6" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,397.43	55.01
		For Oak, Add	*301.26*	
		For Ash/Hickory, Add	*301.26*	
		For Walnut, Add	*495.66*	
		For Cherry, Add	*930.80*	
08 14 73 00-0053	EA	Pair 3' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,493.56	59.09
		For Oak, Add	*321.84*	
		For Ash/Hickory, Add	*321.84*	
		For Walnut, Add	*529.52*	
		For Cherry, Add	*994.40*	

08 14 73 00-0054 Accessories *(08 14 73 00-0001)*

08 14 73 00-0055 Jamb Replacement *(08 14 73 00-0054)*

08 14 73 00-0056	EA	4-9/16 Or 4-3/4" Jamb, Birch	102.45	
		For Oak, Add	*6.97*	
		For Ash/Hickory, Add	*10.92*	
		For Walnut, Add	*23.88*	
		For Cherry, Add	*37.82*	
08 14 73 00-0057	EA	5-1/4" Jamb, Birch	104.44	
		For Oak, Add	*7.20*	
		For Ash/Hickory, Add	*11.27*	
		For Walnut, Add	*24.65*	
		For Cherry, Add	*39.04*	
08 14 73 00-0058	EA	6-9/16" Or 6-3/4" Jamb, Birch	117.38	
		For Oak, Add	*8.66*	
		For Ash/Hickory, Add	*13.56*	
		For Walnut, Add	*29.66*	
		For Cherry, Add	*46.97*	

08 14 73 00-0059 Track And Hardware Replacement Kits *(08 14 73 00-0054)*

Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.

08 14 73 00-0060	EA	Up To 2'-6" x 6'-8" Door Track And Hardware	182.66	
08 14 73 00-0061	EA	2'-8" x 6'-8" Door Track And Hardware	184.18	
08 14 73 00-0062	EA	3' x 6'-8" Door Track And Hardware	187.21	
08 14 73 00-0063	EA	Up To 2'-6" x 7' Door Track And Hardware	216.08	
08 14 73 00-0064	EA	2'-8" x 7' Door Track And Hardware	217.60	
08 14 73 00-0065	EA	3' x 7' Door Track And Hardware	220.64	
08 14 73 00-0066	EA	Up To 2'-6" x 8' Door Track And Hardware	231.27	
08 14 73 00-0067	EA	2'-8" x 8' Door Track And Hardware	232.79	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0068	EA	3' x 8' Door Track And Hardware	235.83	
08 14 73 00-0069	EA	Double Door Converging Kit	27.41	
08 14 73 00-0070		**Lauan Faced Hollow Core Flush Bi-Pass Doors** *(08 14 73)*		
08 14 73 00-0071	EA	4'-0", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Pass	243.26	65.17
08 14 73 00-0072	EA	5'-0", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Pass	259.10	69.25
08 14 73 00-0073	EA	6'-0", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Pass	281.16	73.32
08 14 73 00-0074	EA	8'-0", Four 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Pass	378.10	77.40
08 14 73 00-0075		**Birch Faced Hollow Core Flush Bi-Pass Doors** *(08 14 73)*		
08 14 73 00-0076	EA	4'-0", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Pass	258.06	65.17
08 14 73 00-0077	EA	5'-0", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Pass	282.17	69.25
08 14 73 00-0078	EA	6'-0", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Pass	306.55	73.32
08 14 73 00-0079	EA	8'-0", Four 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Pass	407.69	77.40
08 14 73 00-0080		**Molded High Density Fiberboard Hollow Core Paneled Bi-Pass Doors** *(08 14 73)*		
08 14 73 00-0081	EA	4'-0", Two 1-3/8" Primed Doors, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Pass	258.47	65.17
08 14 73 00-0082	EA	5'-0", Two 1-3/8" Primed Doors, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Pass	281.14	69.25
08 14 73 00-0083	EA	6'-0", Two 1-3/8" Primed Doors, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Pass	304.84	73.32
08 14 73 00-0084	EA	8'-0", Four 1-3/8" Primed Doors, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Pass	408.53	77.40
08 14 76		**Bifolding Wood Doors** *(08 14)*		
08 14 76 00-0001		**Lauan Faced Hollow Core Flush Bi-Fold Doors** *(08 14 76)*		
08 14 76 00-0002	EA	2'-0", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	133.97	48.88
08 14 76 00-0003	EA	2'-6", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	142.12	52.96
08 14 76 00-0004	EA	2'-8", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	152.68	57.03
08 14 76 00-0005	EA	3'-0", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	160.83	61.10
08 14 76 00-0006	EA	4'-0", Four 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	199.84	65.17
08 14 76 00-0007	EA	5'-0", Four 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	207.99	69.25
08 14 76 00-0008	EA	6'-0", Four 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	221.26	73.32
08 14 76 00-0009		**Birch Faced Hollow Core Flush Bi-Fold Doors** *(08 14 76)*		
08 14 76 00-0010	EA	2'-0", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	139.88	48.88
08 14 76 00-0011	EA	2'-6", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	149.97	52.96
08 14 76 00-0012	EA	2'-8", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	161.83	57.03
08 14 76 00-0013	EA	3'-0", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	169.98	61.10
08 14 76 00-0014	EA	4'-0", Four 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	212.49	65.17
08 14 76 00-0015	EA	5'-0", Four 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	227.71	69.25
08 14 76 00-0016	EA	6'-0", Four 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	243.67	73.32
08 14 76 00-0017		**Oak Faced Hollow Core Flush Bi-Fold Doors** *(08 14 76)*		
08 14 76 00-0018	EA	2'-0", Two 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	140.15	48.88
08 14 76 00-0019	EA	2'-6", Two 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	153.75	52.96
08 14 76 00-0020	EA	2'-8", Two 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	165.32	57.03
08 14 76 00-0021	EA	3'-0", Two 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	173.47	61.10
08 14 76 00-0022	EA	4'-0", Four 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	215.54	65.17
08 14 76 00-0023	EA	5'-0", Four 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	224.92	69.25
08 14 76 00-0024	EA	6'-0", Four 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	243.67	73.32
08 14 76 00-0025		**Pine Raised Panel Bi-Fold Doors** *(08 14 76)*		
08 14 76 00-0026	EA	2'-0", Two 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold	315.78	48.88
08 14 76 00-0027	EA	2'-6", Two 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold	359.15	52.96
08 14 76 00-0028	EA	2'-8", Two 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold	408.23	57.03
08 14 76 00-0029	EA	3'-0", Two 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold	416.38	61.10
08 14 76 00-0030	EA	4'-0", Four 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold	566.37	65.17
08 14 76 00-0031	EA	5'-0", Four 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold	644.98	69.25
08 14 76 00-0032	EA	6'-0", Four 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold	735.00	73.32
08 14 76 00-0033		**Oak Raised Panel Bi-Fold Doors** *(08 14 76)*		
08 14 76 00-0034	EA	2'-0", Two 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold	396.70	48.88
08 14 76 00-0035	EA	2'-6", Two 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold	430.56	52.96
08 14 76 00-0036	EA	2'-8", Two 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold	470.11	57.03
08 14 76 00-0037	EA	3'-0", Two 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold	478.26	61.10
08 14 76 00-0038	EA	4'-0", Four 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold	728.22	65.17
08 14 76 00-0039	EA	5'-0", Four 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold	787.78	69.25
08 14 76 00-0040	EA	6'-0", Four 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold	858.77	73.32
08 14 76 00-0041		**Molded High Density Fiberboard Hollow Core Paneled Bi-Fold Doors** *(08 14 76)*		
08 14 76 00-0042	EA	2'-0", Two 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold	136.05	48.88
08 14 76 00-0043	EA	2'-6", Two 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold	146.63	52.96
08 14 76 00-0044	EA	2'-8", Two 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold	159.91	57.03
08 14 76 00-0045	EA	3'-0", Two 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold	163.73	61.10
08 14 76 00-0046	EA	4'-0", Four 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold	196.41	65.17
08 14 76 00-0047	EA	5'-0", Four 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold	211.36	69.25

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 76 00-0048	EA	6'-0", Four 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold	234.19	73.32

08 15 Plastic Doors *(08 10)*

Note: Includes machining for all hardware, except mortised locks. Excludes finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 15 13 Laminated Plastic Doors *(08 15)*

See CSI section 08 70 00 00-0000 for finish hardware.

08 15 13 00-0001 Laminated Plastic Doors *(08 15 13)*

Note: 0.125" acrylic/PVC thermoplastic face sheet over 1-1/2" x 1-1/2" x 16 gauge welded steel tube framework and a core of resin impregnated Kraft honeycomb (Urethane insulation). Panel capping channel to be 304 stainless steel.

08 15 13 00-0002	EA	Door, Plastic Clad 1-3/8", 1/6 X 6/8	272.49	40.75
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0003	EA	Door, Plastic Clad 1-3/4", 1/6 X 6/8	272.49	40.75
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0004	EA	Door, Plastic Clad 1-3/8", 1/6 X 7/0	272.49	40.75
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0005	EA	Door, Plastic Clad 1-3/4", 1/6 X 7/0	272.49	40.75
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0006	EA	Door, Plastic Clad 1-3/8", 2/0 X 6/8	280.64	44.82
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0007	EA	Door, Plastic Clad 1-3/4", 2/0 X 6/8	280.64	44.82
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0008	EA	Door, Plastic Clad 1-3/8", 2/0 X 7/0	280.64	44.82
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0009	EA	Door, Plastic Clad 1-3/4", 2/0 X 7/0	280.64	44.82
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0010	EA	Door, Plastic Clad 1-3/8", 2/6 X 6/8	304.43	46.87
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0011	EA	Door, Plastic Clad 1-3/4", 2/6 X 6/8	304.43	46.87
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0012	EA	Door, Plastic Clad 1-3/8", 2/6 X 7/0	304.43	44.82
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0013	EA	Door, Plastic Clad 1-3/4", 2/6 X 7/0	304.43	46.87
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0014	EA	Door, Plastic Clad 1-3/8", 3/0 X 6/8	328.24	48.90
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0015	EA	Door, Plastic Clad 1-3/4", 3/0 X 6/8	328.24	48.90
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0016	EA	Door, Plastic Clad 1-3/8", 3/0 X 7/0	328.24	48.90
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0017	EA	Door, Plastic Clad 1-3/4", 3/0 X 7/0	328.24	48.90
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0018	EA	Door, Plastic Clad 1-3/8", 3/6 X 6/8	363.46	50.93
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0019	EA	Door, Plastic Clad 1-3/4", 3/6 X 6/8	363.46	50.93
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0020	EA	Door, Plastic Clad 1-3/8", 3/6 X 7/0	363.46	50.93
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0021	EA	Door, Plastic Clad 1-3/4", 3/6 X 7/0	363.46	50.93
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0022	EA	Door, Plastic Clad 1-3/8", 4/0 X 6/8	412.08	55.01
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0023	EA	Door, Plastic Clad 1-3/4", 4/0 X 6/8	412.08	55.01
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0024	EA	Door, Plastic Clad 1-3/8", 4/0 X 7/0	412.08	55.01
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0025	EA	Door, Plastic Clad 1-3/4", 4/0 X 7/0	412.08	55.01
		For Machining for Mortise Lock, Add	*35.00*	

08 16 Composite Doors *(08 10)*

Note: Includes machining for all hardware. Excludes finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 Fiberglass Doors *(08 16)*

See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 00-0001 Fiberglass Faced Entrance Doors *(08 16 13)*

08 16 13 00-0002	EA	Fiberglass Faced Door, 1-3/4" Standard. H.C., 2/6 X 6/8	441.45	46.87
08 16 13 00-0003	EA	Fiberglass Faced Door, 1-3/4" Standard. H.C., 2/8 X 6/8	441.45	46.87
08 16 13 00-0004	EA	Fiberglass Faced Door, 1-3/4" 20 Minute Label, 2/6 X 6/8	451.83	46.87
08 16 13 00-0005	EA	Fiberglass Faced Door, 1-3/4" 20 Minute Label, 2/8 X 6/8	451.83	46.87
08 16 13 00-0006	EA	Fiberglass Faced Door, 1-3/4" 1 Hour Label, 2/6 X 6/8	529.68	46.87
08 16 13 00-0007	EA	Fiberglass Faced Door, 1-3/4" 1 Hour Label, 2/8 X 6/8	529.68	46.87
08 16 13 00-0008	EA	Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 2/6 X 6/8	553.55	46.87
08 16 13 00-0009	EA	Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 2/8 X 6/8	553.55	46.87
08 16 13 00-0010	EA	Fiberglass Faced Door, 1-3/4" Standard H.C., 2/6 X 7/0	463.25	46.87
08 16 13 00-0011	EA	Fiberglass Faced Door, 1-3/4" Standard H.C., 2/8 X 7/0	463.25	46.87
08 16 13 00-0012	EA	Fiberglass Faced Door, 1-3/4" 20 Minute Label, 2/6 X 7/0	477.78	46.87
08 16 13 00-0013	EA	Fiberglass Faced Door, 1-3/4" 20 Minute Label, 2/8 X 7/0	477.78	46.87
08 16 13 00-0014	EA	Fiberglass Faced Door, 1-3/4" 1 Hour Label, 2/6 X 7/0	552.52	46.87
08 16 13 00-0015	EA	Fiberglass Faced Door, 1-3/4" 1 Hour Label, 2/8 X 7/0	552.52	46.87
08 16 13 00-0016	EA	Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 2/6 X 7/0	578.47	46.87
08 16 13 00-0017	EA	Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 2/8 X 7/0	578.47	46.87
08 16 13 00-0018	EA	Fiberglass Faced Door, 1-3/4" Standard H.C., 3/0 X 6/8	501.58	48.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0019	EA	Fiberglass Faced Door, 1-3/4" 20 Minute Label, 3/0 X 6/8	533.76	48.90
08 16 13 00-0020	EA	Fiberglass Faced Door, 1-3/4" 1 Hour Label, 3/0 X 6/8	618.88	48.90
08 16 13 00-0021	EA	Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 3/0 X 6/8	645.86	48.90
08 16 13 00-0022	EA	Fiberglass Faced Door, 1-3/4" Standard H.C., 3/0 X 7/0	556.60	48.90
08 16 13 00-0023	EA	Fiberglass Faced Door, 1-3/4" 20 Minute Label, 3/0 X 7/0	574.24	48.90
08 16 13 00-0024	EA	Fiberglass Faced Door, 1-3/4" 1 Hour Label, 3/0 X 7/0	665.59	48.90
08 16 13 00-0025	EA	Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 3/0 X 7/0	690.50	48.90
08 16 13 00-0026	EA	Fiberglass Faced Door, 1-3/4" Standard H.C., 3/6 X 6/8	622.96	50.93
08 16 13 00-0027	EA	Fiberglass Faced Door, 1-3/4" 20 Minute Label, 3/6 X 6/8	634.37	50.93
08 16 13 00-0028	EA	Fiberglass Faced Door, 1-3/4" 1 Hour Label, 3/6 X 6/8	737.14	50.93
08 16 13 00-0029	EA	Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 3/6 X 6/8	764.12	50.93
08 16 13 00-0030	EA	Fiberglass Faced Door, 1-3/4" Standard H.C., 3/6 X 7/0	649.94	50.93
08 16 13 00-0031	EA	Fiberglass Faced Door, 1-3/4" 20 Minute Label, 3/6 X 7/0	673.82	50.93
08 16 13 00-0032	EA	Fiberglass Faced Door, 1-3/4" 1 Hour Label, 3/6 X 7/0	781.77	50.93
08 16 13 00-0033	EA	Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 3/6 X 7/0	812.91	50.93
08 16 13 00-0034	EA	Fiberglass Faced Door, 1-3/4" Standard H.C., 4/0 X 6/8	721.40	55.01
08 16 13 00-0035	EA	Fiberglass Faced Door, 1-3/4" 20 Minute Label, 4/0 X 6/8	738.01	55.01
08 16 13 00-0036	EA	Fiberglass Faced Door, 1-3/4" 1 Hour Label, 4/0 X 6/8	858.42	55.01
08 16 13 00-0037	EA	Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 4/0 X 6/8	889.56	55.01
08 16 13 00-0038	EA	Fiberglass Faced Door, 1-3/4" Standard H.C., 4/0 X 7/0	763.96	55.01
08 16 13 00-0039	EA	Fiberglass Faced Door, 1-3/4" 20 Minute Label, 4/0 X 7/0	782.64	55.01
08 16 13 00-0040	EA	Fiberglass Faced Door, 1-3/4" 1 Hour Label, 4/0 X 7/0	903.05	55.01
08 16 13 00-0041	EA	Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 4/0 X 7/0	937.31	55.01

08 16 13 00-0042 Corrosion Resistant FRP Frames And Doors *(08 16 13)*

08 16 13 00-0043 Corrosion Resistant FRP Doors And Frames (Chem-Pruf) *(08 16 13 00-0042)*

08 16 13 00-0044 Corrosion Resistant FRP Doors And Frames (Chem-Pruf) *(08 16 13 00-0043)*

Note: White, tan, brown or gray finish. Includes factory hardware prep and 25 Mil resin rich gel coat.

08 16 13 00-0045 Standard, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) *(08 16 13 00-0044)*

Note: Includes FRP door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0046 6'-8" High, Standard Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) *(08 16 13 00-0045)*

08 16 13 00-0047	EA	3' x 6'-8", Standard Corrosion Resistant FRP Door And Frame (Chem-Pruf)	1,605.90	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0048	EA	3'-6" x 6'-8", Standard Corrosion Resistant FRP Door And Frame (Chem-Pruf)	1,629.78	50.93
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0049	EA	4' x 6'-8", Standard Corrosion Resistant FRP Door And Frame (Chem-Pruf)	1,786.42	55.01
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0050	PR	Pair 3' x 6'-8", Standard Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,939.11	92.91
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0051	PR	Pair 3'-6" x 6'-8", Standard Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,963.35	96.78
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0052	PR	Pair 4' x 6'-8", Standard Corrosion Resistant FRP Door And Frame (Chem-Pruf)	3,298.95	104.52
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	

08 16 13 00-0053 7' High, Standard Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) *(08 16 13 00-0045)*

08 16 13 00-0054	EA	3' x 7', Standard Corrosion Resistant FRP Door And Frame (Chem-Pruf)	1,605.90	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0055	EA	3'-6" x 7', Standard Corrosion Resistant FRP Door And Frame (Chem-Pruf)	1,667.18	50.93
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0056	EA	4' x 7', Standard Corrosion Resistant FRP Door And Frame (Chem-Pruf)	1,826.02	55.01
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0057	PR	Pair 3' x 7', Standard Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,939.11	92.91
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0058	PR	Pair 3'-6" x 7', Standard Corrosion Resistant FRP Door And Frame (Chem-Pruf)	3,147.05	96.78
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0059	PR	Pair 4' x 7', Standard Corrosion Resistant FRP Door And Frame (Chem-Pruf)	3,378.15	104.52
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	

08 16 13 00-0060 Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) *(08 16 13 00-0044)*

Note: Includes FRP door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0061 45 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) *(08 16 13 00-0060)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0062		6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) *(08 16 13 00-0061)*		
08 16 13 00-0063	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,062.40	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0064	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,106.08	50.93
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0065	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,229.72	55.01
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0066	PR	Pair 3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	3,621.11	92.91
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0067	PR	Pair 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	3,668.45	96.78
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0068	PR	Pair 4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	3,954.55	104.52
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0069		7' High, 45 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) *(08 16 13 00-0061)*		
08 16 13 00-0070	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,062.40	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0071	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,099.48	50.93
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0072	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,277.02	55.01
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0073	PR	Pair 3' x 7', 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	3,621.11	92.91
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0074	PR	Pair 3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	3,655.25	96.78
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0075	PR	Pair 4' x 7', 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	4,049.15	104.52
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0076		60 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) *(08 16 13 00-0060)*		
08 16 13 00-0077		6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) *(08 16 13 00-0076)*		
08 16 13 00-0078	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,062.40	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0079	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,106.08	50.93
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0080	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,229.72	55.01
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0081	PR	Pair 3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	3,621.11	92.91
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0082	PR	Pair 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	3,668.45	96.78
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0083	PR	Pair 4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	3,954.55	104.52
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0084		7' High, 60 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) *(08 16 13 00-0076)*		
08 16 13 00-0085	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,062.40	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0086	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,099.48	50.93
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0087	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,277.02	55.01
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0088	PR	Pair 3' x 7', 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	3,621.11	92.91
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0089	PR	Pair 3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	3,655.25	96.78
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0090	PR	Pair 4' x 7', 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	4,049.15	104.52
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	

08 16 13 00-0091 90 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) *(08 16 13 00-0060)*

08 16 13 00-0092 6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) *(08 16 13 00-0091)*

08 16 13 00-0093	EA	3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,062.40	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0094	EA	3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,106.08	50.93
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0095	EA	4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,229.72	55.01
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0096	PR	Pair 3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	3,621.11	92.91
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0097	PR	Pair 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	3,668.45	96.78
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0098	PR	Pair 4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	4,013.95	104.52
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	

08 16 13 00-0099 7' High, 90 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) *(08 16 13 00-0091)*

08 16 13 00-0100	EA	3' x 7', 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,062.40	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0101	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,099.48	50.93
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0102	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	2,277.02	55.01
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0103	PR	Pair 3' x 7', 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	3,621.11	92.91
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0104	PR	Pair 3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	3,708.05	96.78
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0105	PR	Pair 4' x 7', 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	4,110.75	104.52
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	

08 16 13 00-0106 Storm Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) *(08 16 13 00-0044)*

Note: Includes FRP door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0107 6'-8" High, Storm Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) *(08 16 13 00-0106)*

08 16 13 00-0108	EA	3' x 6'-8", Storm Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	1,663.10	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	

08 16 13 00-0109 7' High, Storm Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) *(08 16 13 00-0106)*

08 16 13 00-0110	EA	3' x 7', Storm Rated, Corrosion Resistant FRP Door And Frame (Chem-Pruf)	1,663.10	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	

08 16 13 00-0111 Accessories For Corrosion Resistant FRP Doors (Chem-Pruf) *(08 16 13 00-0043)*

08 16 13 00-0112	SI	1/4" Tempered, Factory Installed Vision Glass (Chem-Pruf)	0.23
08 16 13 00-0113	SI	1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf)	0.37
08 16 13 00-0114	SI	1/4" Wire, Factory Installed Vision Glass (Chem-Pruf)	0.31
08 16 13 00-0115	SI	1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf)	0.33
08 16 13 00-0116	SI	Factory Installed Molded Louver (Chem-Pruf)	0.23
08 16 13 00-0117	SI	Factory Installed Molded Louver With Insect Screen (Chem-Pruf)	0.30
08 16 13 00-0118	LF	Weather Strip (Chem-Pruf)	6.60
08 16 13 00-0119	LF	FRP Astragal With Seal (Chem-Pruf)	8.80
08 16 13 00-0120	LF	1/2" FRP Grooved Saddle Threshold (Chem-Pruf)	17.60
08 16 13 00-0121	LF	FRP Door Sweep (Chem-Pruf)	22.00
08 16 13 00-0122	LF	2-1/4" FRP Center Door Mullion (Chem-Pruf)	42.90

08 16 13 00-0123 Corrosion Resistant FRP Doors And Frames (Skule Door) *(08 16 13 00-0042)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0124		Corrosion Resistant FRP Doors And Frames (Skule Door) *(08 16 13 00-0123)* Note: White, tan, brown or gray finish. Includes factory hardware prep.		
08 16 13 00-0125		Standard, Corrosion-Resistant FRP Doors And Frames (Skule Door) *(08 16 13 00-0124)* Note: Includes FRP door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0126		6'-8" High, Standard Corrosion-Resistant FRP Doors And Frames (Skule Door) *(08 16 13 00-0125)*		
08 16 13 00-0127	EA	3' x 6'-8", Standard Corrosion Resistant FRP Door And Frame (Skule Door)	1,274.70	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0128	EA	3'-6" x 6'-8", Standard Corrosion Resistant FRP Door And Frame (Skule Door)	1,293.08	50.93
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0129	EA	4' x 6'-8", Standard Corrosion Resistant FRP Door And Frame (Skule Door)	1,356.22	55.01
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0130	PR	Pair 3' x 6'-8", Standard Corrosion Resistant FRP Door And Frame (Skule Door)	2,365.81	92.91
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0131	PR	Pair 3'-6" x 6'-8", Standard Corrosion Resistant FRP Door And Frame (Skule Door)	2,402.15	96.78
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0132	PR	Pair 4' x 6'-8", Standard Corrosion Resistant FRP Door And Frame (Skule Door)	2,527.65	104.52
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0133		7' High, Standard Corrosion-Resistant FRP Doors And Frames (Skule Door) *(08 16 13 00-0125)*		
08 16 13 00-0134	EA	3' x 7', Standard Corrosion Resistant FRP Door And Frame (Skule Door)	1,274.70	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0135	EA	3'-6" x 7', Standard Corrosion Resistant FRP Door And Frame (Skule Door)	1,348.08	50.93
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0136	EA	4' x 7', Standard Corrosion Resistant FRP Door And Frame (Skule Door)	1,356.22	55.01
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0137	PR	Pair 3' x 7', Standard Corrosion Resistant FRP Door And Frame (Skule Door)	2,365.81	92.91
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0138	PR	Pair 3'-6" x 7', Standard Corrosion Resistant FRP Door And Frame (Skule Door)	2,512.15	96.78
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0139	PR	Pair 4' x 7', Standard Corrosion Resistant FRP Door And Frame (Skule Door)	2,527.65	104.52
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0140		Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) *(08 16 13 00-0124)* Note: Includes FRP door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0141		45 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) *(08 16 13 00-0140)*		
08 16 13 00-0142		6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) *(08 16 13 00-0141)*		
08 16 13 00-0143	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	2,099.70	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0144	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	2,143.38	50.93
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0145	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	2,246.12	55.01
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0146	PR	Pair 3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	3,788.11	92.91
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0147	PR	Pair 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	3,875.05	96.78
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0148	PR	Pair 4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	4,079.75	104.52
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0149		7' High, 45 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) *(08 16 13 00-0141)*		
08 16 13 00-0150	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	2,099.70	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0151	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	2,158.78	50.93
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0152	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	2,293.42	55.01
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0153	PR	Pair 3' x 7', 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	3,788.11	92.91
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0154	PR	Pair 3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	3,905.85	96.78
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0155	PR	Pair 4' x 7', 45 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	4,174.35	104.52
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	

08 16 13 00-0156 60 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) *(08 16 13 00-0140)*

08 16 13 00-0157 6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) *(08 16 13 00-0156)*

08 16 13 00-0158	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	2,099.70	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0159	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	2,143.38	50.93
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0160	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	2,246.12	55.01
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0161	PR	Pair 3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	3,788.11	92.91
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0162	PR	Pair 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	3,875.05	96.78
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0163	PR	Pair 4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	4,079.75	104.52
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	

08 16 13 00-0164 7' High, 60 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) *(08 16 13 00-0156)*

08 16 13 00-0165	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	2,099.70	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0166	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	2,158.78	50.93
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0167	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	2,293.42	55.01
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0168	PR	Pair 3' x 7', 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	3,788.11	92.91
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0169	PR	Pair 3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	3,905.85	96.78
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0170	PR	Pair 4' x 7', 60 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	4,174.35	104.52
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	

08 16 13 00-0171 90 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) *(08 16 13 00-0140)*

08 16 13 00-0172 6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) *(08 16 13 00-0171)*

08 16 13 00-0173	EA	3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	2,099.70	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0174	EA	3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	2,143.38	50.93
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0175	EA	4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	2,246.12	55.01
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0176	PR	Pair 3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	3,788.11	92.91
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0177	PR	Pair 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	3,875.05	96.78
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0178	PR	Pair 4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	4,079.75	104.52
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0179		7' High, 90 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) *(08 16 13 00-0171)*		
08 16 13 00-0180	EA	3' x 7', 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	2,099.70	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0181	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	2,158.78	50.93
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0182	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	2,293.42	55.01
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0183	PR	Pair 3' x 7', 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	3,788.11	92.91
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0184	PR	Pair 3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	3,905.85	96.78
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0185	PR	Pair 4' x 7', 90 Minute Fire Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	4,174.35	104.52
		For Custom Color Finish, Add	*170.00*	
		For Stainless Steel Continuous Hinge, Add	*378.40*	
08 16 13 00-0186		Storm Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) *(08 16 13 00-0124)*		
		Note: Includes FRP door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0187		6'-8" High, Storm Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) *(08 16 13 00-0186)*		
08 16 13 00-0188	EA	3' x 6'-8", Storm Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	1,439.70	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0189		7' High, Storm Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) *(08 16 13 00-0186)*		
08 16 13 00-0190	EA	3' x 7', Storm Rated, Corrosion Resistant FRP Door And Frame (Skule Door)	1,439.70	48.90
		For Custom Color Finish, Add	*85.00*	
		For Stainless Steel Continuous Hinge, Add	*189.20*	
08 16 13 00-0191		Accessories For Corrosion Resistant FRP Doors (Skule Door) *(08 16 13 00-0123)*		
08 16 13 00-0192	SI	1/4" Tempered, Factory Installed Vision Glass (Skule Door)	0.52	
08 16 13 00-0193	SI	1/4" Laminated, Factory Installed Vision Glass (Skule Door)	0.53	
08 16 13 00-0194	SI	1/4" Wire, Factory Installed Vision Glass (Skule Door)	0.57	
08 16 13 00-0195	SI	1/2" Insulated, Factory Installed Vision Glass (Skule Door)	0.81	
08 16 13 00-0196	SI	Factory Installed Molded Louver (Skule Door)	0.32	
08 16 13 00-0197	SI	Factory Installed Molded Louver With Insect Screen (Skule Door)	0.51	
08 16 13 00-0198	LF	Weather Strip (Skule Door)	4.40	
08 16 13 00-0199	LF	FRP Astragal With Seal (Skule Door)	5.50	
08 16 13 00-0200	LF	1/2" FRP Grooved Saddle Threshold (Skule Door)	17.60	
08 16 13 00-0201	LF	FRP Door Sweep (Skule Door)	62.70	
08 16 13 00-0202	LF	2-1/4" FRP Center Door Mullion (Skule Door)	24.20	

08 17 Integrated Door Opening Assemblies *(08 10)*

08 17 23 Integrated Metal Door Opening Assemblies *(08 17)*

08 17 23 00-0001		Pre-Hung Interior Door Units *(08 17 23)*		
		Note: All prehung doors include door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset. See CSI section 08 70 00 00-0000 for finish hardware.		
08 17 23 00-0002		Hollow Core Doors, 1-3/8" Thick *(08 17 23 00-0001)*		
08 17 23 00-0003		Birch Faced *(08 17 23 00-0002)*		
08 17 23 00-0004	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	288.60	50.93
		For Each 1' Of Additional Door Height, Add	*44.81*	
08 17 23 00-0005	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	300.07	50.93
		For Each 1' Of Additional Door Height, Add	*47.57*	
08 17 23 00-0006	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	315.61	52.98
		For Each 1' Of Additional Door Height, Add	*50.32*	
08 17 23 00-0007	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	323.11	55.01
		For Each 1' Of Additional Door Height, Add	*51.14*	
08 17 23 00-0008	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	343.92	55.01
		For Each 1' Of Additional Door Height, Add	*56.13*	
08 17 23 00-0009	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	362.97	57.05
		For Each 1' Of Additional Door Height, Add	*59.73*	
08 17 23 00-0010	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	540.49	83.54
		For Each 1' Of Additional Door Height, Add	*89.62*	
08 17 23 00-0011	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	575.69	89.65
		For Each 1' Of Additional Door Height, Add	*95.14*	
08 17 23 00-0012	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	617.69	95.76
		For Each 1' Of Additional Door Height, Add	*102.28*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0013		Lauan Faced *(08 17 23 00-0002)*		
08 17 23 00-0014	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	264.17	50.93
		For Each 1' Of Additional Door Height, Add	*38.95*	
08 17 23 00-0015	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	275.18	50.93
		For Each 1' Of Additional Door Height, Add	*41.59*	
08 17 23 00-0016	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	288.52	52.98
		For Each 1' Of Additional Door Height, Add	*43.82*	
08 17 23 00-0017	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	299.16	55.01
		For Each 1' Of Additional Door Height, Add	*45.39*	
08 17 23 00-0018	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	317.24	55.01
		For Each 1' Of Additional Door Height, Add	*49.73*	
08 17 23 00-0019	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	334.56	57.05
		For Each 1' Of Additional Door Height, Add	*52.91*	
08 17 23 00-0020	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	491.66	83.54
		For Each 1' Of Additional Door Height, Add	*77.90*	
08 17 23 00-0021	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	525.85	89.65
		For Each 1' Of Additional Door Height, Add	*83.17*	
08 17 23 00-0022	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	569.83	95.76
		For Each 1' Of Additional Door Height, Add	*90.79*	
08 17 23 00-0023		Tempered Hardboard Faced *(08 17 23 00-0002)*		
08 17 23 00-0024	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Dr	229.10	50.93
		For Each 1' Of Additional Door Height, Add	*30.53*	
08 17 23 00-0025	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	238.38	50.93
		For Each 1' Of Additional Door Height, Add	*32.76*	
08 17 23 00-0026	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	246.84	52.98
		For Each 1' Of Additional Door Height, Add	*33.82*	
08 17 23 00-0027	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	259.73	55.01
		For Each 1' Of Additional Door Height, Add	*35.93*	
08 17 23 00-0028	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	276.19	55.01
		For Each 1' Of Additional Door Height, Add	*39.88*	
08 17 23 00-0029	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	290.91	57.05
		For Each 1' Of Additional Door Height, Add	*42.43*	
08 17 23 00-0030	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	421.51	83.54
		For Each 1' Of Additional Door Height, Add	*61.07*	
08 17 23 00-0031	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	452.28	89.65
		For Each 1' Of Additional Door Height, Add	*65.52*	
08 17 23 00-0032	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	490.93	95.76
		For Each 1' Of Additional Door Height, Add	*71.86*	
08 17 23 00-0033		Solid Core Doors, 1-3/8" Thick *(08 17 23 00-0001)*		
08 17 23 00-0034		Birch Faced *(08 17 23 00-0033)*		
08 17 23 00-0035	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	376.82	50.93
		For Each 1' Of Additional Door Height, Add	*65.99*	
08 17 23 00-0036	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	391.28	50.93
		For Each 1' Of Additional Door Height, Add	*69.46*	
08 17 23 00-0037	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	409.76	52.98
		For Each 1' Of Additional Door Height, Add	*72.92*	
08 17 23 00-0038	EA	3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	431.45	55.01
		For Each 1' Of Additional Door Height, Add	*77.14*	
08 17 23 00-0039	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	466.74	55.01
		For Each 1' Of Additional Door Height, Add	*85.61*	
08 17 23 00-0040	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	502.00	57.05
		For Each 1' Of Additional Door Height, Add	*93.10*	
08 17 23 00-0041	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	716.94	83.54
		For Each 1' Of Additional Door Height, Add	*131.97*	
08 17 23 00-0042	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	758.08	89.65
		For Each 1' Of Additional Door Height, Add	*138.91*	
08 17 23 00-0043	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	834.36	95.76
		For Each 1' Of Additional Door Height, Add	*154.28*	
08 17 23 00-0044		Lauan Faced *(08 17 23 00-0033)*		
08 17 23 00-0045	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	339.91	50.93
		For Each 1' Of Additional Door Height, Add	*57.13*	
08 17 23 00-0046	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	353.00	50.93
		For Each 1' Of Additional Door Height, Add	*60.27*	
08 17 23 00-0047	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	370.13	52.98
		For Each 1' Of Additional Door Height, Add	*63.41*	
08 17 23 00-0048	EA	3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	387.42	55.01
		For Each 1' Of Additional Door Height, Add	*66.58*	
08 17 23 00-0049	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	417.93	55.01
		For Each 1' Of Additional Door Height, Add	*73.90*	
08 17 23 00-0050	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	441.71	57.05
		For Each 1' Of Additional Door Height, Add	*78.63*	
08 17 23 00-0051	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	643.13	83.54
		For Each 1' Of Additional Door Height, Add	*114.25*	
08 17 23 00-0052	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	681.55	89.65
		For Each 1' Of Additional Door Height, Add	*120.54*	
08 17 23 00-0053	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	746.31	95.76
		For Each 1' Of Additional Door Height, Add	*133.15*	
08 17 23 00-0054		Tempered Hardboard Faced *(08 17 23 00-0033)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0055	EA	2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	307.05	50.93
		For Each 1' Of Additional Door Height, Add	*49.24*	
08 17 23 00-0056	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	318.93	50.93
		For Each 1' Of Additional Door Height, Add	*52.09*	
08 17 23 00-0057	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	334.91	52.98
		For Each 1' Of Additional Door Height, Add	*54.95*	
08 17 23 00-0058	EA	3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	343.39	55.01
		For Each 1' Of Additional Door Height, Add	*56.01*	
08 17 23 00-0059	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	369.13	55.01
		For Each 1' Of Additional Door Height, Add	*62.19*	
08 17 23 00-0060	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	389.80	57.05
		For Each 1' Of Additional Door Height, Add	*66.17*	
08 17 23 00-0061	PR	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	577.40	83.54
		For Each 1' Of Additional Door Height, Add	*98.48*	
08 17 23 00-0062	PR	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	613.38	89.65
		For Each 1' Of Additional Door Height, Add	*104.18*	
08 17 23 00-0063	PR	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	658.25	95.76
		For Each 1' Of Additional Door Height, Add	*112.02*	

08 17 23 00-0064 Hollow Core Doors, 1-3/4" Thick *(08 17 23 00-0001)*

08 17 23 00-0065 Birch Faced *(08 17 23 00-0064)*

08 17 23 00-0066	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	335.25	50.93
		For Each 1' Of Additional Door Height, Add	*56.01*	
08 17 23 00-0067	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	344.05	50.93
		For Each 1' Of Additional Door Height, Add	*58.12*	
08 17 23 00-0068	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	351.37	52.98
		For Each 1' Of Additional Door Height, Add	*58.90*	
08 17 23 00-0069	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	369.81	55.01
		For Each 1' Of Additional Door Height, Add	*62.35*	
08 17 23 00-0070	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	407.92	55.01
		For Each 1' Of Additional Door Height, Add	*71.50*	
08 17 23 00-0071	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	456.52	57.05
		For Each 1' Of Additional Door Height, Add	*82.18*	
08 17 23 00-0072	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	633.83	83.54
		For Each 1' Of Additional Door Height, Add	*112.02*	
08 17 23 00-0073	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	663.64	89.65
		For Each 1' Of Additional Door Height, Add	*116.24*	
08 17 23 00-0074	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	711.11	95.76
		For Each 1' Of Additional Door Height, Add	*124.70*	

08 17 23 00-0075 Lauan Faced *(08 17 23 00-0064)*

08 17 23 00-0076	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	308.04	50.93
		For Each 1' Of Additional Door Height, Add	*49.48*	
08 17 23 00-0077	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	322.25	50.93
		For Each 1' Of Additional Door Height, Add	*52.89*	
08 17 23 00-0078	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	337.84	52.98
		For Each 1' Of Additional Door Height, Add	*55.66*	
08 17 23 00-0079	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	346.48	55.01
		For Each 1' Of Additional Door Height, Add	*56.75*	
08 17 23 00-0080	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	372.48	55.01
		For Each 1' Of Additional Door Height, Add	*62.99*	
08 17 23 00-0081	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	393.35	57.05
		For Each 1' Of Additional Door Height, Add	*67.02*	
08 17 23 00-0082	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	579.41	83.54
		For Each 1' Of Additional Door Height, Add	*98.96*	
08 17 23 00-0083	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	620.04	89.65
		For Each 1' Of Additional Door Height, Add	*105.78*	
08 17 23 00-0084	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	664.45	95.76
		For Each 1' Of Additional Door Height, Add	*113.50*	

08 17 23 00-0085 Tempered Hardboard Faced *(08 17 23 00-0064)*

08 17 23 00-0086	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	260.38	50.93
		For Each 1' Of Additional Door Height, Add	*38.04*	
08 17 23 00-0087	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	264.80	50.93
		For Each 1' Of Additional Door Height, Add	*39.10*	
08 17 23 00-0088	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	277.67	52.98
		For Each 1' Of Additional Door Height, Add	*41.22*	
08 17 23 00-0089	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	290.56	55.01
		For Each 1' Of Additional Door Height, Add	*43.33*	
08 17 23 00-0090	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	300.62	55.01
		For Each 1' Of Additional Door Height, Add	*45.74*	
08 17 23 00-0091	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	316.90	57.05
		For Each 1' Of Additional Door Height, Add	*48.67*	
08 17 23 00-0092	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	484.07	83.54
		For Each 1' Of Additional Door Height, Add	*76.08*	
08 17 23 00-0093	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	505.14	89.65
		For Each 1' Of Additional Door Height, Add	*78.20*	
08 17 23 00-0094	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	552.61	95.76
		For Each 1' Of Additional Door Height, Add	*86.66*	

08 17 23 00-0095 Solid Core Doors, 1-3/4" Thick *(08 17 23 00-0001)*

08 17 23 00-0096 Birch Faced *(08 17 23 00-0095)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0097	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	418.92	50.93
		For Each 1' Of Additional Door Height, Add	*76.09*	
08 17 23 00-0098	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	432.12	50.93
		For Each 1' Of Additional Door Height, Add	*79.26*	
08 17 23 00-0099	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	440.59	52.98
		For Each 1' Of Additional Door Height, Add	*80.32*	
08 17 23 00-0100	EA	3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	457.87	55.01
		For Each 1' Of Additional Door Height, Add	*83.48*	
08 17 23 00-0101	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	496.14	55.01
		For Each 1' Of Additional Door Height, Add	*92.67*	
08 17 23 00-0102	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	538.86	57.05
		For Each 1' Of Additional Door Height, Add	*101.94*	
08 17 23 00-0103	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	801.15	83.54
		For Each 1' Of Additional Door Height, Add	*152.18*	
08 17 23 00-0104	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	839.76	89.65
		For Each 1' Of Additional Door Height, Add	*158.51*	
08 17 23 00-0105	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	887.22	95.76
		For Each 1' Of Additional Door Height, Add	*166.97*	

08 17 23 00-0106 Lauan Faced *(08 17 23 00-0095)*

08 17 23 00-0107	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	425.88	50.93
		For Each 1' Of Additional Door Height, Add	*77.76*	
08 17 23 00-0108	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	426.82	50.93
		For Each 1' Of Additional Door Height, Add	*77.99*	
08 17 23 00-0109	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	440.22	52.98
		For Each 1' Of Additional Door Height, Add	*80.23*	
08 17 23 00-0110	EA	3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	451.06	55.01
		For Each 1' Of Additional Door Height, Add	*81.85*	
08 17 23 00-0111	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	481.88	55.01
		For Each 1' Of Additional Door Height, Add	*89.25*	
08 17 23 00-0112	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	509.75	57.05
		For Each 1' Of Additional Door Height, Add	*94.96*	
08 17 23 00-0113	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	815.09	83.54
		For Each 1' Of Additional Door Height, Add	*155.52*	
08 17 23 00-0114	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	829.18	89.65
		For Each 1' Of Additional Door Height, Add	*155.97*	
08 17 23 00-0115	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	873.59	95.76
		For Each 1' Of Additional Door Height, Add	*163.70*	

08 17 23 00-0116 Tempered Hardboard Faced *(08 17 23 00-0095)*

08 17 23 00-0117	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	352.86	50.93
		For Each 1' Of Additional Door Height, Add	*60.24*	
08 17 23 00-0118	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	357.25	50.93
		For Each 1' Of Additional Door Height, Add	*61.29*	
08 17 23 00-0119	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	365.73	52.98
		For Each 1' Of Additional Door Height, Add	*62.35*	
08 17 23 00-0120	EA	3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	378.63	55.01
		For Each 1' Of Additional Door Height, Add	*64.46*	
08 17 23 00-0121	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	398.33	55.01
		For Each 1' Of Additional Door Height, Add	*69.19*	
08 17 23 00-0122	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	420.86	57.05
		For Each 1' Of Additional Door Height, Add	*73.62*	
08 17 23 00-0123	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	669.02	83.54
		For Each 1' Of Additional Door Height, Add	*120.47*	
08 17 23 00-0124	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	690.05	89.65
		For Each 1' Of Additional Door Height, Add	*122.58*	
08 17 23 00-0125	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	728.72	95.76
		For Each 1' Of Additional Door Height, Add	*128.93*	

08 17 23 00-0126 Oak Or Maple Faced *(08 17 23 00-0095)*

08 17 23 00-0127	EA	2'-0" Or2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	500.51	50.93
		For Each 1' Of Additional Door Height, Add	*95.67*	
08 17 23 00-0128	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	502.95	50.93
		For Each 1' Of Additional Door Height, Add	*96.26*	
08 17 23 00-0129	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	527.62	52.98
		For Each 1' Of Additional Door Height, Add	*101.20*	
08 17 23 00-0130	EA	3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	537.08	55.01
		For Each 1' Of Additional Door Height, Add	*102.49*	
08 17 23 00-0131	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	583.37	55.01
		For Each 1' Of Additional Door Height, Add	*113.60*	
08 17 23 00-0132	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	642.30	57.05
		For Each 1' Of Additional Door Height, Add	*126.77*	
08 17 23 00-0133	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	964.34	83.54
		For Each 1' Of Additional Door Height, Add	*191.35*	
08 17 23 00-0134	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	981.44	89.65
		For Each 1' Of Additional Door Height, Add	*192.51*	
08 17 23 00-0135	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,045.62	95.76
		For Each 1' Of Additional Door Height, Add	*204.98*	

08 17 23 00-0136 Walnut Faced *(08 17 23 00-0095)*

08 17 23 00-0137	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	625.01	50.93
		For Each 1' Of Additional Door Height, Add	*125.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0138	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	646.76	50.93
		For Each 1' Of Additional Door Height, Add	*130.77*	
08 17 23 00-0139	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	658.11	52.98
		For Each 1' Of Additional Door Height, Add	*132.52*	
08 17 23 00-0140	EA	3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	683.97	55.01
		For Each 1' Of Additional Door Height, Add	*137.75*	
08 17 23 00-0141	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	747.11	55.01
		For Each 1' Of Additional Door Height, Add	*152.90*	
08 17 23 00-0142	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	814.95	57.05
		For Each 1' Of Additional Door Height, Add	*168.20*	
08 17 23 00-0143	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,213.32	83.54
		For Each 1' Of Additional Door Height, Add	*251.10*	
08 17 23 00-0144	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,269.04	89.65
		For Each 1' Of Additional Door Height, Add	*261.54*	
08 17 23 00-0145	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,339.42	95.76
		For Each 1' Of Additional Door Height, Add	*275.50*	

08 30 Specialty Doors And Frames *(08)*

08 31 Access Doors And Panels *(08 30)*

See CSI section 07 72 33 00-0000 for roof hatches, 23 33 33 00-0000 for duct-mounted access doors.

08 31 13 Access Doors And Frames *(08 31)*

08 31 13 00-0001 Stainless Steel Access Doors *(08 31 13)*

08 31 13 00-0002 Fire Rated Stainless Steel Access Doors *(08 31 13 00-0001)*

08 31 13 00-0003	EA	12" x 12" Fire Rated Stainless Steel Access Door With Cam Latch	289.41	40.59
08 31 13 00-0004	EA	12" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	336.50	43.24
08 31 13 00-0005	EA	18" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	392.55	45.74
08 31 13 00-0006	EA	24" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	452.76	48.06
08 31 13 00-0007	EA	24" x 24" Fire Rated Stainless Steel Access Door With Cam Latch	463.10	48.30
08 31 13 00-0008	EA	24" x 36" Fire Rated Stainless Steel Access Door With Cam Latch	598.96	49.80

08 31 13 00-0009 Stainless Steel Access Doors *(08 31 13 00-0001)*

08 31 13 00-0010	EA	8" x 8" Stainless Steel Access Door With Cam Latch	117.94	31.13
08 31 13 00-0011	EA	12" x 12" Stainless Steel Access Door With Cam Latch	140.49	40.59
08 31 13 00-0012	EA	12" x 18" Stainless Steel Access Door With Cam Latch	198.62	43.24
08 31 13 00-0013	EA	18" x 18" Stainless Steel Access Door With Cam Latch	213.12	45.74
08 31 13 00-0014	EA	24" x 18" Stainless Steel Access Door With Cam Latch	246.92	48.06
08 31 13 00-0015	EA	24" x 24" Stainless Steel Access Door With Cam Latch	280.76	48.30

08 31 13 00-0016 Steel Access Doors *(08 31 13)*

08 31 13 00-0017 Fire Rated Steel Access Doors *(08 31 13 00-0016)*

08 31 13 00-0018	EA	12" x 12" Fire Rated Steel Access Door With Cam Latch	171.52	40.83
08 31 13 00-0019	EA	12" x 18" Fire Rated Steel Access Door With Cam Latch	210.33	43.24
08 31 13 00-0020	EA	18" x 18" Fire Rated Steel Access Door With Cam Latch	210.90	45.74
08 31 13 00-0021	EA	24" x 18" Fire Rated Steel Access Door With Cam Latch	248.81	48.30
08 31 13 00-0022	EA	24" x 24" Fire Rated Steel Access Door With Cam Latch	259.47	48.30
08 31 13 00-0023	EA	24" x 36" Fire Rated Steel Access Door With Cam Latch	341.22	49.80
08 31 13 00-0024	EA	24" x 48" Fire Rated Steel Access Door With Cam Latch	391.56	51.88
08 31 13 00-0025	EA	36" x 36" Fire Rated Steel Access Door With Cam Latch	479.79	51.88
08 31 13 00-0026	EA	48" x 48" Fire Rated Steel Access Door With Cam Latch	614.22	62.25

08 31 13 00-0027 Steel Access Doors *(08 31 13 00-0016)*

08 31 13 00-0028	EA	8" x 8" Steel Access Door With Cam Latch	92.72	31.30
08 31 13 00-0029	EA	12" x 12" Steel Access Door With Cam Latch	99.27	40.83
08 31 13 00-0030	EA	12" x 18" Steel Access Door With Cam Latch	113.22	43.24
08 31 13 00-0031	EA	18" x 18" Steel Access Door With Cam Latch	116.74	45.74
08 31 13 00-0032	EA	24" x 18" Steel Access Door With Cam Latch	136.89	48.30
08 31 13 00-0033	EA	24" x 24" Steel Access Door With Cam Latch	139.83	48.30
08 31 13 00-0034	EA	24" x 36" Steel Access Door With Cam Latch	180.73	49.80
08 31 13 00-0035	EA	36" x 36" Steel Access Door With Cam Latch	233.94	51.88

08 31 13 00-0036 Steel Recessed Access Doors For Drywall Application *(08 31 13)*

08 31 13 00-0037	EA	8" x 8" Recessed Steel Access Door With Cam Latch	127.98	31.13
		For Recessed Doors In Acoustical Tile, Add	*15.04*	
08 31 13 00-0038	EA	12" x 12" Recessed Steel Access Door With Cam Latch	134.21	33.37
		For Recessed Doors In Acoustical Tile, Add	*16.55*	
08 31 13 00-0039	EA	12" x 18" Recessed Steel Access Door With Cam Latch	144.05	35.27
		For Recessed Doors In Acoustical Tile, Add	*17.21*	
08 31 13 00-0040	EA	18" x 18" Recessed Steel Access Door With Cam Latch	167.67	37.35
		For Recessed Doors In Acoustical Tile, Add	*15.93*	
08 31 13 00-0041	EA	24" x 18" Recessed Steel Access Door With Cam Latch	176.46	39.42
		For Recessed Doors In Acoustical Tile, Add	*16.90*	
08 31 13 00-0042	EA	24" x 24" Recessed Steel Access Door With Cam Latch	191.96	39.42
		For Recessed Doors In Acoustical Tile, Add	*14.58*	
08 31 13 00-0043	EA	24" x 36" Recessed Steel Access Door With Cam Latch	239.35	49.80
		For Recessed Doors In Acoustical Tile, Add	*18.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 31 13 00-0044	EA	36" x 36" Recessed Steel Access Door With Cam Latch	335.57	51.88
		For Recessed Doors In Acoustical Tile, Add	*6.73*	
08 31 13 00-0045		Steel Crawl Space Doors And Frames *(08 31 13)*		
08 31 13 00-0046	EA	24" x 24" Steel Crawl Space Door With Cam Latch	148.39	52.54
08 31 13 00-0047	EA	30" x 24" Steel Crawl Space Door With Cam Latch	206.00	63.66
08 31 13 00-0048	EA	30" x 30" Steel Crawl Space Door With Cam Latch	230.35	69.14

08 32 Sliding Glass Doors *(08 30)*

Note: Includes stock frames, trim, necessary anchors and Usual hardware.

08 32 13 Sliding Aluminum-Framed Glass Doors *(08 32)*

08 32 13 00-0001 Residential Metal Sliding Glass Door *(08 32 13)*

08 32 13 00-0002 Door With 5/8" Insulating Glass *(08 32 13 00-0001)*

08 32 13 00-0003	SF	Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware	19.80	3.66
		For Custom Quality, Add	*2.53*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*1.82*	
08 32 13 00-0004	SF	>6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware	15.31	2.28
		For Custom Quality, Add	*2.41*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*1.74*	

08 32 13 00-0005 Door With 1" Insulating Glass *(08 32 13 00-0001)*

08 32 13 00-0006	SF	>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	21.60	3.66
		For Custom Quality, Add	*2.98*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*2.14*	
08 32 13 00-0007	SF	>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	17.09	2.28
		For Custom Quality, Add	*2.86*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*2.06*	

08 32 13 00-0008 Door With 1/4" Tempered Plate Glass 3.2/SF *(08 32 13 00-0001)*

08 32 13 00-0009	SF	Up To 6' Wide Sliding Glass Door 1/4" Insulated Glass With Frame, Trim, Hardware	18.32	3.66
08 32 13 00-0010	SF	>6' Up To 12' Wide Sliding Glass Door 1/4" Insulated Glass With Frame, Trim, Hardware	13.43	2.28

08 32 19 Sliding Wood-Framed Glass Doors *(08 32)*

08 32 19 00-0001 Residential Wood Sliding Doors With 5/8" Glass *(08 32 19)*

08 32 19 00-0002	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	1,496.73	110.02
08 32 19 00-0003	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	1,827.21	134.47
08 32 19 00-0004	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,111.37	154.84
08 32 19 00-0005	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	1,645.28	110.02
08 32 19 00-0006	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,019.07	134.47
08 32 19 00-0007	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,348.81	154.84

08 33 Coiling Doors And Grilles *(08 30)*

08 33 13 Coiling Counter Doors *(08 33)*

08 33 13 00-0001 Aluminum Overhead Coiling Counter Shutters *(08 33 13)*

Note: Includes necessary anchors, track and hardware. Excludes steel framing supports.

08 33 13 00-0002	EA	4' x 4', Aluminum Overhead Coiling Counter Shutters, Manual Lift	1,837.02	346.92
		For Steel Doors, Deduct	*-35.00*	
		For Stainless Steel Doors, Add	*78.00*	
		For Fire Rated, Add	*65.00*	
		For Motor Operator (With Safety Reverse), Add	*736.73*	
08 33 13 00-0003	EA	6' x 4', Aluminum Overhead Coiling Counter Shutters, Manual Lift	2,044.00	346.92
		For Steel Doors, Deduct	*-71.00*	
		For Stainless Steel Doors, Add	*130.00*	
		For Fire Rated, Add	*65.00*	
		For Motor Operator (With Safety Reverse), Add	*736.73*	
08 33 13 00-0004	EA	8' x 4', Aluminum Overhead Coiling Counter Shutters, Manual Lift	2,294.71	368.59
		For Steel Doors, Deduct	*-115.00*	
		For Stainless Steel Doors, Add	*225.00*	
		For Fire Rated, Add	*65.00*	
		For Motor Operator (With Safety Reverse), Add	*741.10*	
08 33 13 00-0005	EA	10' x 4', Aluminum Overhead Coiling Counter Shutters, Manual Lift	2,669.39	433.64
		For Steel Doors, Deduct	*-142.00*	
		For Stainless Steel Doors, Add	*315.00*	
		For Fire Rated, Add	*65.00*	
		For Motor Operator (With Safety Reverse), Add	*757.87*	
08 33 13 00-0006	EA	4' x 6', Aluminum Overhead Coiling Counter Shutters, Manual Lift	1,996.72	346.92
		For Steel Doors, Deduct	*-40.00*	
		For Stainless Steel Doors, Add	*85.00*	
		For Fire Rated, Add	*65.00*	
		For Motor Operator (With Safety Reverse), Add	*736.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0007	EA	6' x 6', Aluminum Overhead Coiling Counter Shutters, Manual Lift	2,300.07	385.42
		For Steel Doors, Deduct	*-80.00*	
		For Stainless Steel Doors, Add	*145.00*	
		For Fire Rated, Add	*65.00*	
		For Motor Operator (With Safety Reverse), Add	*746.37*	
08 33 13 00-0008	EA	10' x 6', Aluminum Overhead Coiling Counter Shutters, Manual Lift	2,834.49	433.64
		For Steel Doors, Deduct	*-156.00*	
		For Stainless Steel Doors, Add	*240.00*	
		For Fire Rated, Add	*65.00*	
		For Motor Operator (With Safety Reverse), Add	*758.41*	

08 33 13 00-0009 Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters *(08 33 13)*

Note: Includes stainless steel frame and sill, necessary anchors, track and hardware. Excludes steel framing supports.

08 33 13 00-0010	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift	6,132.53	346.92
		For Steel Doors, Deduct	*-35.00*	
		For Stainless Steel Doors, Add	*78.00*	
		For Fire Rated, Add	*65.00*	
		For Motor Operator (With Safety Reverse), Add	*736.73*	
08 33 13 00-0011	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift	6,505.34	346.92
		For Steel Doors, Deduct	*-71.00*	
		For Stainless Steel Doors, Add	*130.00*	
		For Fire Rated, Add	*65.00*	
		For Motor Operator (With Safety Reverse), Add	*736.73*	
08 33 13 00-0012	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift	6,935.92	368.59
		For Steel Doors, Deduct	*-115.00*	
		For Stainless Steel Doors, Add	*225.00*	
		For Fire Rated, Add	*65.00*	
		For Motor Operator (With Safety Reverse), Add	*741.10*	
08 33 13 00-0013	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift	7,514.56	433.64
		For Steel Doors, Deduct	*-142.00*	
		For Stainless Steel Doors, Add	*315.00*	
		For Fire Rated, Add	*65.00*	
		For Motor Operator (With Safety Reverse), Add	*757.87*	
08 33 13 00-0014	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift	6,351.50	346.92
		For Steel Doors, Deduct	*-40.00*	
		For Stainless Steel Doors, Add	*85.00*	
		For Fire Rated, Add	*65.00*	
		For Motor Operator (With Safety Reverse), Add	*736.73*	
08 33 13 00-0015	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift	6,791.31	385.42
		For Steel Doors, Deduct	*-80.00*	
		For Stainless Steel Doors, Add	*145.00*	
		For Fire Rated, Add	*65.00*	
		For Motor Operator (With Safety Reverse), Add	*746.37*	
08 33 13 00-0016	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift	7,971.93	433.64
		For Steel Doors, Deduct	*-156.00*	
		For Stainless Steel Doors, Add	*240.00*	
		For Fire Rated, Add	*65.00*	
		For Motor Operator (With Safety Reverse), Add	*758.41*	

08 33 23 Overhead Coiling Doors *(08 33)*

08 33 23 00-0001 Galvanized Steel Overhead Coiling Doors (Width x Height) *(08 33 23)*

08 33 23 00-0002 26 Gauge Galvanized Steel Overhead Coiling Doors, Storage Unit Style *(08 33 23 00-0001)*

08 33 23 00-0003	EA	4' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	636.51	224.12
08 33 23 00-0004	EA	4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	703.20	244.50
08 33 23 00-0005	EA	5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	700.16	244.50
08 33 23 00-0006	EA	5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	770.88	264.87
08 33 23 00-0007	EA	6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	763.89	264.87
08 33 23 00-0008	EA	6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	834.26	285.24
08 33 23 00-0009	EA	6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	916.19	305.62
08 33 23 00-0010	EA	8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	804.73	264.87
08 33 23 00-0011	EA	8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	867.22	285.24
08 33 23 00-0012	EA	8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	939.27	305.62
08 33 23 00-0013	EA	8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,040.54	325.99
08 33 23 00-0014	EA	10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	975.79	325.99
08 33 23 00-0015	EA	10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,020.62	325.99
08 33 23 00-0016	EA	10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,121.18	346.36
08 33 23 00-0017	EA	10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,192.72	366.74

08 33 23 00-0018 24 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 00-0001)*

Note: With curtain hood (barrel cover).

08 33 23 00-0019	EA	8' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	1,960.32	264.87
		For Insulated, Add	*1,112.67*	
08 33 23 00-0020	EA	8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,050.51	285.24
		For Insulated, Add	*1,152.80*	
08 33 23 00-0021	EA	8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,277.04	325.99
		For Insulated, Add	*1,267.69*	
08 33 23 00-0022	EA	8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,427.89	325.99
		For Insulated, Add	*1,380.83*	
08 33 23 00-0023	EA	10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,220.62	325.99
		For Insulated, Add	*1,225.38*	
08 33 23 00-0024	EA	10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,333.39	325.99
		For Insulated, Add	*1,309.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 00-0025	EA	10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,527.57	366.74
		For Insulated, Add	*1,400.63*	
08 33 23 00-0026	EA	10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,690.09	366.74
		For Insulated, Add	*1,522.52*	
08 33 23 00-0027	EA	12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,449.78	366.74
		For Insulated, Add	*1,342.29*	
08 33 23 00-0028	EA	12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,662.01	407.49
		For Insulated, Add	*1,446.40*	
08 33 23 00-0029	EA	12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,996.41	509.36
		For Insulated, Add	*1,559.67*	
08 33 23 00-0030	EA	12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,233.81	509.36
		For Insulated, Add	*1,737.72*	
08 33 23 00-0031	EA	14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,209.08	509.36
		For Insulated, Add	*1,719.17*	
08 33 23 00-0032	EA	14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,481.03	509.36
		For Insulated, Add	*1,923.14*	
08 33 23 00-0033	EA	14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,769.45	509.36
		For Insulated, Add	*2,139.45*	

08 33 23 00-0034 22 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 00-0001)*

Note: With curtain hood (barrel cover).

08 33 23 00-0035	EA	4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	1,721.58	244.50
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*184.90*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*308.16*	
		For Insulated, Add	*961.15*	
08 33 23 00-0036	EA	4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	1,885.66	264.87
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*203.39*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*338.98*	
		For Insulated, Add	*1,056.66*	
08 33 23 00-0037	EA	4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,007.86	285.24
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*215.60*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*359.33*	
		For Insulated, Add	*1,120.77*	
08 33 23 00-0038	EA	6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	1,900.26	264.87
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*205.58*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*342.63*	
		For Insulated, Add	*1,067.61*	
08 33 23 00-0039	EA	6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,078.10	285.24
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*226.13*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*376.89*	
		For Insulated, Add	*1,173.45*	
08 33 23 00-0040	EA	6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,285.46	325.99
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*245.02*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*408.37*	
		For Insulated, Add	*1,274.01*	
08 33 23 00-0041	EA	6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,754.49	366.74
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*303.16*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*505.27*	
		For Insulated, Add	*1,570.81*	
08 33 23 00-0042	EA	6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,223.64	407.49
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*361.30*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*602.17*	
		For Insulated, Add	*1,867.62*	
08 33 23 00-0043	EA	8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,045.45	264.87
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*227.35*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*378.92*	
		For Insulated, Add	*1,176.50*	
08 33 23 00-0044	EA	8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,319.23	325.99
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*250.09*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*416.81*	
		For Insulated, Add	*1,299.34*	
08 33 23 00-0045	EA	8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,620.11	407.49
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*270.77*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*451.28*	
		For Insulated, Add	*1,414.97*	
08 33 23 00-0046	EA	8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,071.74	448.24
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*326.31*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*543.85*	
		For Insulated, Add	*1,698.76*	
08 33 23 00-0047	EA	8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,523.75	488.98
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*381.84*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*636.41*	
		For Insulated, Add	*1,982.57*	
08 33 23 00-0048	EA	10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,667.26	417.68
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*274.79*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*457.98*	
		For Insulated, Add	*1,436.58*	
08 33 23 00-0049	EA	10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,054.85	509.36
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*305.42*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*509.03*	
		For Insulated, Add	*1,603.50*	
08 33 23 00-0050	EA	10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,645.84	611.23
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*363.54*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*605.91*	
		For Insulated, Add	*1,909.38*	
08 33 23 00-0051	EA	10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,277.96	733.48
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*421.67*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*702.78*	
		For Insulated, Add	*2,218.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 00-0052	EA	10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,945.49	896.48
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*472.80*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*787.99*	
		For Insulated, Add	*2,498.49*	
08 33 23 00-0053	EA	10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,448.14	977.98
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*523.92*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*873.21*	
		For Insulated, Add	*2,766.26*	
08 33 23 00-0054	EA	10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,951.59	1,059.47
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*575.05*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*958.42*	
		For Insulated, Add	*3,034.10*	
08 33 23 00-0055	EA	10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,454.64	1,140.97
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*625.96*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,043.27*	
		For Insulated, Add	*3,300.92*	
08 33 23 00-0056	EA	12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,027.96	488.98
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*307.47*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*512.46*	
		For Insulated, Add	*1,610.73*	
08 33 23 00-0057	EA	12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,483.88	611.23
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*339.25*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*565.42*	
		For Insulated, Add	*1,787.91*	
08 33 23 00-0058	EA	12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,159.89	692.73
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*416.22*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*693.70*	
		For Insulated, Add	*2,184.99*	
08 33 23 00-0059	EA	12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,917.90	814.98
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*493.19*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*821.99*	
		For Insulated, Add	*2,588.20*	
08 33 23 00-0060	EA	12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,685.19	977.98
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*559.48*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*932.47*	
		For Insulated, Add	*2,944.05*	
08 33 23 00-0061	EA	12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,289.72	1,059.47
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*625.77*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,042.95*	
		For Insulated, Add	*3,287.69*	
08 33 23 00-0062	EA	12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,977.36	1,181.72
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*692.06*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,153.43*	
		For Insulated, Add	*3,637.57*	
08 33 23 00-0063	EA	12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,664.41	1,303.97
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*758.35*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,263.91*	
		For Insulated, Add	*3,987.39*	

08 33 23 00-0064 20 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 00-0001)*

Note: With curtain hood (barrel cover)

08 33 23 00-0065	EA	14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,841.81	611.23
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*392.94*	
		For Insulated, Add	*2,056.36*	
08 33 23 00-0066	EA	14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,360.35	692.73
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*446.29*	
		For Insulated, Add	*2,335.33*	
08 33 23 00-0067	EA	14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,973.77	774.23
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*513.83*	
		For Insulated, Add	*2,685.29*	
08 33 23 00-0068	EA	14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,528.85	855.73
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*572.51*	
		For Insulated, Add	*2,990.94*	
08 33 23 00-0069	EA	14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,277.61	1,018.72
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*636.02*	
		For Insulated, Add	*3,332.93*	
08 33 23 00-0070	EA	14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,863.28	1,100.22
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*699.45*	
		For Insulated, Add	*3,662.28*	
08 33 23 00-0071	EA	14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,170.83	1,222.46
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*858.74*	
		For Insulated, Add	*4,477.13*	
08 33 23 00-0072	EA	14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,474.73	1,344.71
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,018.02*	
		For Insulated, Add	*5,291.69*	
08 33 23 00-0073	EA	16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,742.91	733.48
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*491.41*	
		For Insulated, Add	*2,567.07*	
08 33 23 00-0074	EA	16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,325.33	814.98
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*554.31*	
		For Insulated, Add	*2,893.77*	
08 33 23 00-0075	EA	16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,931.49	937.22
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*608.57*	
		For Insulated, Add	*3,183.42*	
08 33 23 00-0076	EA	16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,553.43	1,059.47
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*665.33*	
		For Insulated, Add	*3,485.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 00-0077	EA	16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,143.44	1,140.97
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*729.28*	
		For Insulated, Add	*3,817.52*	
08 33 23 00-0078	EA	16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,824.77	1,222.46
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*806.83*	
		For Insulated, Add	*4,217.58*	
08 33 23 00-0079	EA	16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,828.30	1,303.97
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*932.93*	
		For Insulated, Add	*4,860.31*	
08 33 23 00-0080	EA	16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,840.98	1,385.46
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,060.34*	
		For Insulated, Add	*5,509.61*	
08 33 23 00-0081	EA	18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,223.90	896.48
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*514.56*	
		For Insulated, Add	*2,707.30*	
08 33 23 00-0082	EA	18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,749.78	977.98
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*569.17*	
		For Insulated, Add	*2,992.49*	
08 33 23 00-0083	EA	18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,586.13	1,100.22
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*657.88*	
		For Insulated, Add	*3,454.42*	
08 33 23 00-0084	EA	18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,311.79	1,222.46
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*729.88*	
		For Insulated, Add	*3,832.85*	
08 33 23 00-0085	EA	18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,959.11	1,303.97
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*802.55*	
		For Insulated, Add	*4,208.41*	
08 33 23 00-0086	EA	18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,607.43	1,385.46
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*875.31*	
		For Insulated, Add	*4,584.45*	
08 33 23 00-0087	EA	18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,774.18	1,466.96
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,025.76*	
		For Insulated, Add	*5,348.96*	
08 33 23 00-0088	EA	18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,964.30	1,548.45
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,180.18*	
		For Insulated, Add	*6,133.14*	
08 33 23 00-0089	EA	20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,856.84	977.98
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*585.23*	
		For Insulated, Add	*3,072.79*	
08 33 23 00-0090	EA	20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,811.07	1,059.47
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*703.97*	
		For Insulated, Add	*3,678.71*	

08 33 23 00-0091 18 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 00-0001)*

Note: With curtain hood (barrel cover).

08 33 23 00-0092	EA	20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,073.48	1,181.72
		For Insulated, Add	*4,459.66*	
08 33 23 00-0093	EA	20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,123.27	1,263.22
		For Insulated, Add	*5,136.15*	
08 33 23 00-0094	EA	20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,327.88	1,344.71
		For Insulated, Add	*5,929.17*	
08 33 23 00-0095	EA	20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,678.51	1,426.22
		For Insulated, Add	*6,832.72*	
08 33 23 00-0096	EA	20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,034.40	1,507.71
		For Insulated, Add	*7,741.36*	
08 33 23 00-0097	EA	20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,418.82	1,589.21
		For Insulated, Add	*8,668.60*	
08 33 23 00-0098	EA	22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,538.75	1,059.47
		For Insulated, Add	*3,474.47*	
08 33 23 00-0099	EA	22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,642.05	1,140.97
		For Insulated, Add	*4,191.48*	
08 33 23 00-0100	EA	22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,996.15	1,263.22
		For Insulated, Add	*5,040.81*	
08 33 23 00-0101	EA	22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,363.75	1,344.71
		For Insulated, Add	*5,958.46*	
08 33 23 00-0102	EA	22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,741.56	1,426.22
		For Insulated, Add	*6,880.01*	
08 33 23 00-0103	EA	22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,261.11	1,507.71
		For Insulated, Add	*7,911.40*	
08 33 23 00-0104	EA	22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,789.68	1,589.21
		For Insulated, Add	*8,946.75*	
08 33 23 00-0105	EA	22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,305.42	1,670.70
		For Insulated, Add	*9,974.51*	
08 33 23 00-0106	EA	24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,163.43	1,140.97
		For Insulated, Add	*3,832.51*	
08 33 23 00-0107	EA	24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,970.12	1,222.46
		For Insulated, Add	*4,326.59*	
08 33 23 00-0108	EA	24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,743.81	1,344.71
		For Insulated, Add	*5,493.50*	
08 33 23 00-0109	EA	24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,277.38	1,426.22
		For Insulated, Add	*6,531.88*	
08 33 23 00-0110	EA	24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,745.53	1,507.71
		For Insulated, Add	*7,524.71*	
08 33 23 00-0111	EA	24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,363.71	1,589.21
		For Insulated, Add	*8,627.27*	
08 33 23 00-0112	EA	24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,250.38	1,670.70
		For Insulated, Add	*9,933.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 00-0113	EA	24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,191.46	1,752.20
		For Insulated, Add	*11,276.51*	
08 33 23 00-0114		Aluminum Overhead Coiling Doors (Width x Height) *(08 33 23)*		
08 33 23 00-0115		0.04" Aluminum Overhead Coiling Doors *(08 33 23 00-0114)*		
08 33 23 00-0116	EA	4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	1,479.28	244.50
08 33 23 00-0117	EA	4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	1,617.19	264.87
08 33 23 00-0118	EA	4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,020.28	285.24
08 33 23 00-0119	EA	6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	1,813.42	264.87
08 33 23 00-0120	EA	6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	1,974.33	285.24
08 33 23 00-0121	EA	6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,175.91	325.99
08 33 23 00-0122	EA	6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,413.53	366.74
08 33 23 00-0123	EA	6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,653.89	407.49
08 33 23 00-0124	EA	8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	1,961.67	264.87
08 33 23 00-0125	EA	8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,246.49	325.99
08 33 23 00-0126	EA	8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,574.61	407.49
08 33 23 00-0127	EA	8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,812.35	448.24
08 33 23 00-0128	EA	8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,051.33	488.98
08 33 23 00-0129	EA	10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,628.09	427.86
08 33 23 00-0130	EA	10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,952.48	509.36
08 33 23 00-0131	EA	10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,355.03	611.23
08 33 23 00-0132	EA	10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,799.80	733.48
08 33 23 00-0133	EA	10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,468.75	896.48
08 33 23 00-0134	EA	10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,972.75	977.98
08 33 23 00-0135	EA	10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,474.27	1,059.47
08 33 23 00-0136	EA	10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,977.80	1,140.97
08 33 23 00-0137	EA	12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,907.84	488.98
08 33 23 00-0138	EA	12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,541.74	611.23
08 33 23 00-0139	EA	12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,008.40	692.73
08 33 23 00-0140	EA	12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,558.91	814.98
08 33 23 00-0141	EA	12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,298.27	977.98
08 33 23 00-0142	EA	12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,876.43	1,059.47
08 33 23 00-0143	EA	12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,309.01	1,181.72
08 33 23 00-0144	EA	12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,743.13	1,303.97
08 33 23 00-0145		0.05" Aluminum Overhead Coiling Doors *(08 33 23 00-0114)*		
08 33 23 00-0146	EA	14' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	3,391.25	611.23
08 33 23 00-0147	EA	14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	3,987.91	692.73
08 33 23 00-0148	EA	14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	4,574.59	774.23
08 33 23 00-0149	EA	14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,120.97	855.73
08 33 23 00-0150	EA	14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,862.13	1,018.72
08 33 23 00-0151	EA	14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,440.77	1,100.22
08 33 23 00-0152	EA	14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,111.25	1,222.46
08 33 23 00-0153	EA	14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,778.18	1,344.71
08 33 23 00-0154	EA	16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	4,027.33	733.48
08 33 23 00-0155	EA	16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	4,648.64	814.98
08 33 23 00-0156	EA	16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,328.13	937.22
08 33 23 00-0157	EA	16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,023.45	1,059.47
08 33 23 00-0158	EA	16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,685.09	1,140.97
08 33 23 00-0159	EA	16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,385.92	1,222.46
08 33 23 00-0160	EA	16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,054.42	1,303.97
08 33 23 00-0161	EA	16' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,683.59	1,385.46
08 33 23 00-0162	EA	18' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	4,637.65	896.48
08 33 23 00-0163	EA	18' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,297.42	977.98
08 33 23 00-0164	EA	18' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,098.59	1,100.22
08 33 23 00-0165	EA	18' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,890.49	1,222.46
08 33 23 00-0166	EA	18' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,607.79	1,303.97
08 33 23 00-0167	EA	18' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,320.39	1,385.46
08 33 23 00-0168	EA	18' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,032.19	1,466.96
08 33 23 00-0169	EA	18' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,745.96	1,548.45
08 33 23 00-0170	EA	20' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,184.48	977.98
08 33 23 00-0171	EA	20' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,856.60	1,059.47
08 33 23 00-0172	EA	20' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,953.23	1,181.72
08 33 23 00-0173	EA	20' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,620.59	1,263.22
08 33 23 00-0174	EA	20' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,404.42	1,344.71
08 33 23 00-0175	EA	20' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,216.91	1,426.22
08 33 23 00-0176	EA	20' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,983.09	1,507.71
08 33 23 00-0177	EA	20' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,780.40	1,589.21
08 33 23 00-0178	EA	22' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,920.78	1,059.47
08 33 23 00-0179	EA	22' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,736.42	1,140.97
08 33 23 00-0180	EA	22' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,727.11	1,263.22
08 33 23 00-0181	EA	22' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,614.88	1,344.71
08 33 23 00-0182	EA	22' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,506.97	1,426.22
08 33 23 00-0183	EA	22' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,402.78	1,507.71
08 33 23 00-0184	EA	22' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,253.99	1,589.21
08 33 23 00-0185	EA	22' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,108.58	1,670.70
08 33 23 00-0186	EA	24' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,481.00	1,140.97
08 33 23 00-0187	EA	24' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,036.80	1,222.46
08 33 23 00-0188	EA	24' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,359.49	1,344.71
08 33 23 00-0189	EA	24' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,358.07	1,426.22
08 33 23 00-0190	EA	24' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,298.82	1,507.71
08 33 23 00-0191	EA	24' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,243.73	1,589.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 00-0192	EA	24' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,319.07	1,670.70
08 33 23 00-0193	EA	24' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,438.13	1,752.20

08 33 23 00-0194 Removal And Reinstallation Of Roll-Up Door And Support *(08 33 23)*

Note: Includes storage, cleaning and supply materials.

08 33 23 00-0195	SF	Remove And Reinstall Metal Roll-up Door And Supports	17.31	

08 33 23 00-0196 Overhead Coiling Door Accessories *(08 33 23)*

08 33 23 00-0197	LF	Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only	2.24	1.02
08 33 23 00-0198	LF	Top Of Door (Lintel), Weather Strip Seal For Coiling Doors	20.15	1.22
08 33 23 00-0199	LF	Side Of Door (Guides), Weather Strip Seal For Coiling Doors	16.61	1.22
08 33 23 00-0200	EA	Cylinder Lock For Coiling Doors	175.35	50.93
08 33 23 00-0201	EA	Jackshaft Operator For Coiling Doors Note: Includes three button inside station controls and mounting hardware.	1,061.40	162.99
08 33 23 00-0202	EA	Remote Transmitter Kit For Coiling Door Operators	238.55	81.50

08 33 26 Overhead Coiling Grilles *(08 33)*

Note: Includes curtains, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required.

08 33 26 00-0001 Steel Overhead Coiling Grilles (Width x Height) *(08 33 26)*

08 33 26 00-0002	EA	4' x 4', Steel Overhead Coiling Grilles, Manual Lift	2,036.81	151.77
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*384.76*	
		For Staggered Brick Pattern, Add	*40.08*	
		For Lexan Lattice Pattern, Add	*240.48*	
08 33 26 00-0003	EA	6' x 4', Steel Overhead Coiling Grilles, Manual Lift	2,241.84	151.77
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*433.97*	
		For Staggered Brick Pattern, Add	*45.21*	
		For Lexan Lattice Pattern, Add	*271.23*	
08 33 26 00-0004	EA	8' x 4', Steel Overhead Coiling Grilles, Manual Lift	2,593.33	202.34
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*483.63*	
		For Staggered Brick Pattern, Add	*50.38*	
		For Lexan Lattice Pattern, Add	*302.27*	
08 33 26 00-0005	EA	12' x 4', Steel Overhead Coiling Grilles, Manual Lift	3,086.74	202.34
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*602.05*	
		For Staggered Brick Pattern, Add	*62.71*	
		For Lexan Lattice Pattern, Add	*376.28*	
08 33 26 00-0006	EA	16' x 4', Steel Overhead Coiling Grilles, Manual Lift	4,184.16	303.55
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*796.05*	
		For Staggered Brick Pattern, Add	*82.92*	
		For Lexan Lattice Pattern, Add	*497.53*	
08 33 26 00-0007	EA	20' x 4', Steel Overhead Coiling Grilles, Manual Lift	5,281.58	404.59
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*990.05*	
		For Staggered Brick Pattern, Add	*103.13*	
		For Lexan Lattice Pattern, Add	*618.78*	
08 33 26 00-0008	EA	24' x 4', Steel Overhead Coiling Grilles, Manual Lift	6,589.61	485.68
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,247.93*	
		For Staggered Brick Pattern, Add	*129.99*	
		For Lexan Lattice Pattern, Add	*779.96*	
08 33 26 00-0009	EA	30' x 4', Steel Overhead Coiling Grilles, Manual Lift	8,090.33	607.11
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,525.38*	
		For Staggered Brick Pattern, Add	*158.89*	
		For Lexan Lattice Pattern, Add	*953.36*	
08 33 26 00-0010	EA	4' x 6', Steel Overhead Coiling Grilles, Manual Lift	2,193.32	151.77
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*422.32*	
		For Staggered Brick Pattern, Add	*43.99*	
		For Lexan Lattice Pattern, Add	*263.95*	
08 33 26 00-0011	EA	6' x 6', Steel Overhead Coiling Grilles, Manual Lift	2,487.79	151.77
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*493.00*	
		For Staggered Brick Pattern, Add	*51.35*	
		For Lexan Lattice Pattern, Add	*308.12*	
08 33 26 00-0012	EA	8' x 6', Steel Overhead Coiling Grilles, Manual Lift	2,806.03	202.43
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*534.68*	
		For Staggered Brick Pattern, Add	*55.70*	
		For Lexan Lattice Pattern, Add	*334.18*	
08 33 26 00-0013	EA	12' x 6', Steel Overhead Coiling Grilles, Manual Lift	3,374.54	202.43
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*671.12*	
		For Staggered Brick Pattern, Add	*69.91*	
		For Lexan Lattice Pattern, Add	*419.45*	
08 33 26 00-0014	EA	16' x 6', Steel Overhead Coiling Grilles, Manual Lift	4,587.83	303.55
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*892.93*	
		For Staggered Brick Pattern, Add	*93.01*	
		For Lexan Lattice Pattern, Add	*558.08*	
08 33 26 00-0015	EA	20' x 6', Steel Overhead Coiling Grilles, Manual Lift	5,798.05	404.59
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,114.74*	
		For Staggered Brick Pattern, Add	*116.12*	
		For Lexan Lattice Pattern, Add	*696.71*	
08 33 26 00-0016	EA	24' x 6', Steel Overhead Coiling Grilles, Manual Lift	7,262.89	485.68
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,409.52*	
		For Staggered Brick Pattern, Add	*146.83*	
		For Lexan Lattice Pattern, Add	*880.95*	
08 33 26 00-0017	EA	30' x 6', Steel Overhead Coiling Grilles, Manual Lift	8,760.90	607.11
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,686.32*	
		For Staggered Brick Pattern, Add	*175.66*	
		For Lexan Lattice Pattern, Add	*1,053.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0018	EA	4' x 8', Steel Overhead Coiling Grilles, Manual Lift	2,513.74	182.13
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*478.51*	
		For Staggered Brick Pattern, Add	*49.84*	
		For Lexan Lattice Pattern, Add	*299.07*	
08 33 26 00-0019	EA	6' x 8', Steel Overhead Coiling Grilles, Manual Lift	2,869.48	182.13
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*563.88*	
		For Staggered Brick Pattern, Add	*58.74*	
		For Lexan Lattice Pattern, Add	*352.43*	
08 33 26 00-0020	EA	8' x 8', Steel Overhead Coiling Grilles, Manual Lift	3,445.94	227.66
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*670.76*	
		For Staggered Brick Pattern, Add	*69.87*	
		For Lexan Lattice Pattern, Add	*419.22*	
08 33 26 00-0021	EA	12' x 8', Steel Overhead Coiling Grilles, Manual Lift	3,958.98	227.66
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*793.89*	
		For Staggered Brick Pattern, Add	*82.70*	
		For Lexan Lattice Pattern, Add	*496.18*	
08 33 26 00-0022	EA	16' x 8', Steel Overhead Coiling Grilles, Manual Lift	5,406.31	364.26
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,047.34*	
		For Staggered Brick Pattern, Add	*109.10*	
		For Lexan Lattice Pattern, Add	*654.59*	
08 33 26 00-0023	EA	20' x 8', Steel Overhead Coiling Grilles, Manual Lift	6,718.27	455.32
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,300.79*	
		For Staggered Brick Pattern, Add	*135.50*	
		For Lexan Lattice Pattern, Add	*812.99*	
08 33 26 00-0024	EA	24' x 8', Steel Overhead Coiling Grilles, Manual Lift	8,491.48	546.40
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,663.59*	
		For Staggered Brick Pattern, Add	*173.29*	
		For Lexan Lattice Pattern, Add	*1,039.74*	
08 33 26 00-0025	EA	30' x 8', Steel Overhead Coiling Grilles, Manual Lift	10,352.64	667.81
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,028.17*	
		For Staggered Brick Pattern, Add	*211.27*	
		For Lexan Lattice Pattern, Add	*1,267.61*	
08 33 26 00-0026	EA	4' x 10', Steel Overhead Coiling Grilles, Manual Lift	2,771.59	182.13
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*540.39*	
		For Staggered Brick Pattern, Add	*56.29*	
		For Lexan Lattice Pattern, Add	*337.74*	
08 33 26 00-0027	EA	6' x 10', Steel Overhead Coiling Grilles, Manual Lift	3,243.07	182.13
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*653.55*	
		For Staggered Brick Pattern, Add	*68.08*	
		For Lexan Lattice Pattern, Add	*408.47*	
08 33 26 00-0028	EA	8' x 10', Steel Overhead Coiling Grilles, Manual Lift	3,860.68	227.66
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*770.76*	
		For Staggered Brick Pattern, Add	*80.29*	
		For Lexan Lattice Pattern, Add	*481.73*	
08 33 26 00-0029	EA	12' x 10', Steel Overhead Coiling Grilles, Manual Lift	4,503.21	227.66
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*924.97*	
		For Staggered Brick Pattern, Add	*96.35*	
		For Lexan Lattice Pattern, Add	*578.11*	
08 33 26 00-0030	EA	16' x 10', Steel Overhead Coiling Grilles, Manual Lift	6,120.43	364.26
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,218.72*	
		For Staggered Brick Pattern, Add	*126.95*	
		For Lexan Lattice Pattern, Add	*761.70*	
08 33 26 00-0031	EA	20' x 10', Steel Overhead Coiling Grilles, Manual Lift	7,600.30	455.32
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,512.47*	
		For Staggered Brick Pattern, Add	*157.55*	
		For Lexan Lattice Pattern, Add	*945.30*	
08 33 26 00-0032	EA	24' x 10', Steel Overhead Coiling Grilles, Manual Lift	9,557.16	546.40
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,919.35*	
		For Staggered Brick Pattern, Add	*199.93*	
		For Lexan Lattice Pattern, Add	*1,199.59*	
08 33 26 00-0033	EA	30' x 10', Steel Overhead Coiling Grilles, Manual Lift	11,998.17	667.81
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,423.10*	
		For Staggered Brick Pattern, Add	*252.41*	
		For Lexan Lattice Pattern, Add	*1,514.43*	
08 33 26 00-0034	EA	4' x 12', Steel Overhead Coiling Grilles, Manual Lift	3,066.86	182.13
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*611.26*	
		For Staggered Brick Pattern, Add	*63.67*	
		For Lexan Lattice Pattern, Add	*382.04*	
08 33 26 00-0035	EA	6' x 12', Steel Overhead Coiling Grilles, Manual Lift	3,152.34	182.13
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*631.77*	
		For Staggered Brick Pattern, Add	*65.81*	
		For Lexan Lattice Pattern, Add	*394.86*	
08 33 26 00-0036	EA	8' x 12', Steel Overhead Coiling Grilles, Manual Lift	3,834.09	227.66
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*763.91*	
		For Staggered Brick Pattern, Add	*79.57*	
		For Lexan Lattice Pattern, Add	*477.45*	
08 33 26 00-0037	EA	12' x 12', Steel Overhead Coiling Grilles, Manual Lift	5,118.92	227.66
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,072.27*	
		For Staggered Brick Pattern, Add	*111.70*	
		For Lexan Lattice Pattern, Add	*670.17*	
08 33 26 00-0038	EA	16' x 12', Steel Overhead Coiling Grilles, Manual Lift	7,129.91	364.26
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,461.00*	
		For Staggered Brick Pattern, Add	*152.19*	
		For Lexan Lattice Pattern, Add	*913.13*	
08 33 26 00-0039	EA	20' x 12', Steel Overhead Coiling Grilles, Manual Lift	9,005.51	455.32
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,849.72*	
		For Staggered Brick Pattern, Add	*192.68*	
		For Lexan Lattice Pattern, Add	*1,156.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0040	EA	24' x 12', Steel Overhead Coiling Grilles, Manual Lift	10,922.78	546.40
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,247.10*	
		For Staggered Brick Pattern, Add	*234.07*	
		For Lexan Lattice Pattern, Add	*1,404.44*	
08 33 26 00-0041	EA	30' x 12', Steel Overhead Coiling Grilles, Manual Lift	13,623.97	667.81
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,813.29*	
		For Staggered Brick Pattern, Add	*293.05*	
		For Lexan Lattice Pattern, Add	*1,758.30*	
08 33 26 00-0042	EA	4' x 14', Steel Overhead Coiling Grilles, Manual Lift	3,594.99	182.13
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*738.01*	
		For Staggered Brick Pattern, Add	*76.88*	
		For Lexan Lattice Pattern, Add	*461.25*	
08 33 26 00-0043	EA	6' x 14', Steel Overhead Coiling Grilles, Manual Lift	4,171.61	182.13
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*876.40*	
		For Staggered Brick Pattern, Add	*91.29*	
		For Lexan Lattice Pattern, Add	*547.75*	
08 33 26 00-0044	EA	8' x 14', Steel Overhead Coiling Grilles, Manual Lift	4,883.78	227.66
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,016.31*	
		For Staggered Brick Pattern, Add	*105.87*	
		For Lexan Lattice Pattern, Add	*635.19*	
08 33 26 00-0045	EA	12' x 14', Steel Overhead Coiling Grilles, Manual Lift	6,095.05	227.66
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,307.01*	
		For Staggered Brick Pattern, Add	*136.15*	
		For Lexan Lattice Pattern, Add	*816.88*	
08 33 26 00-0046	EA	16' x 14', Steel Overhead Coiling Grilles, Manual Lift	8,137.10	364.26
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,702.73*	
		For Staggered Brick Pattern, Add	*177.37*	
		For Lexan Lattice Pattern, Add	*1,064.20*	
08 33 26 00-0047	EA	20' x 14', Steel Overhead Coiling Grilles, Manual Lift	10,041.84	455.32
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,098.44*	
		For Staggered Brick Pattern, Add	*218.59*	
		For Lexan Lattice Pattern, Add	*1,311.53*	
08 33 26 00-0048	EA	24' x 14', Steel Overhead Coiling Grilles, Manual Lift	11,998.75	546.40
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,505.33*	
		For Staggered Brick Pattern, Add	*260.97*	
		For Lexan Lattice Pattern, Add	*1,565.83*	
08 33 26 00-0049	EA	30' x 14', Steel Overhead Coiling Grilles, Manual Lift	15,376.84	667.81
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*3,233.98*	
		For Staggered Brick Pattern, Add	*336.87*	
		For Lexan Lattice Pattern, Add	*2,021.24*	

08 33 26 00-0050 Coiling Grilles Accessories *(08 33 26)*

08 33 26 00-0051	EA	Add For Motor Operator Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,670.85	36.86
08 33 26 00-0052	LF	For Safety Edge Bottom Bar, Electric, Add	49.09	
08 33 26 00-0053	LF	For Overhead Framed Rolling Grille Supports	74.26	

08 33 36 Side Coiling Grilles *(08 33)*

08 33 36 00-0001 Steel Side Coiling Grilles (Width x Height) *(08 33 36)*

08 33 36 00-0002	EA	12' x 8', Steel Side Coiling Grilles, Manually Operated	5,215.57	509.27
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*902.49*	
		For Staggered Brick Pattern, Add	*94.01*	
		For Lexan Lattice Pattern, Add	*564.06*	
08 33 36 00-0003	EA	18' x 8', Steel Side Coiling Grilles, Manually Operated	7,390.39	654.20
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,325.10*	
		For Staggered Brick Pattern, Add	*138.03*	
		For Lexan Lattice Pattern, Add	*828.19*	
08 33 36 00-0004	EA	24' x 8', Steel Side Coiling Grilles, Manually Operated	9,608.53	824.87
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,740.42*	
		For Staggered Brick Pattern, Add	*181.29*	
		For Lexan Lattice Pattern, Add	*1,087.77*	
08 33 36 00-0005	EA	30' x 8', Steel Side Coiling Grilles, Manually Operated	11,667.62	910.65
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,175.53*	
		For Staggered Brick Pattern, Add	*226.62*	
		For Lexan Lattice Pattern, Add	*1,359.71*	
08 33 36 00-0006	EA	12' x 10', Steel Side Coiling Grilles, Manually Operated	6,356.09	580.65
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,127.32*	
		For Staggered Brick Pattern, Add	*117.43*	
		For Lexan Lattice Pattern, Add	*704.58*	
08 33 36 00-0007	EA	18' x 10', Steel Side Coiling Grilles, Manually Operated	9,037.64	745.79
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,657.36*	
		For Staggered Brick Pattern, Add	*172.64*	
		For Lexan Lattice Pattern, Add	*1,035.85*	
08 33 36 00-0008	EA	24' x 10', Steel Side Coiling Grilles, Manually Operated	11,586.67	940.05
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,135.98*	
		For Staggered Brick Pattern, Add	*222.50*	
		For Lexan Lattice Pattern, Add	*1,334.99*	
08 33 36 00-0009	EA	30' x 10', Steel Side Coiling Grilles, Manually Operated	14,305.92	1,038.14
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,718.62*	
		For Staggered Brick Pattern, Add	*283.19*	
		For Lexan Lattice Pattern, Add	*1,699.14*	
08 33 36 00-0010	EA	12' x 12', Steel Side Coiling Grilles, Manually Operated	7,507.40	654.20
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,353.18*	
		For Staggered Brick Pattern, Add	*140.96*	
		For Lexan Lattice Pattern, Add	*845.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 36 00-0011	EA	18' x 12', Steel Side Coiling Grilles, Manually Operated	10,682.75	840.23
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,985.67*	
		For Staggered Brick Pattern, Add	*206.84*	
		For Lexan Lattice Pattern, Add	*1,241.04*	
08 33 36 00-0012	EA	24' x 12', Steel Side Coiling Grilles, Manually Operated	13,889.07	1,059.39
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,610.64*	
		For Staggered Brick Pattern, Add	*271.94*	
		For Lexan Lattice Pattern, Add	*1,631.65*	
08 33 36 00-0013	EA	30' x 12', Steel Side Coiling Grilles, Manually Operated	16,937.94	1,168.67
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*3,263.30*	
		For Staggered Brick Pattern, Add	*339.93*	
		For Lexan Lattice Pattern, Add	*2,039.56*	
08 33 36 00-0014	EA	12' x 14', Steel Side Coiling Grilles, Manually Operated	8,657.49	723.32
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,582.20*	
		For Staggered Brick Pattern, Add	*164.81*	
		For Lexan Lattice Pattern, Add	*988.88*	
08 33 36 00-0015	EA	18' x 14', Steel Side Coiling Grilles, Manually Operated	12,334.86	928.87
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,317.93*	
		For Staggered Brick Pattern, Add	*241.45*	
		For Lexan Lattice Pattern, Add	*1,448.71*	
08 33 36 00-0016	EA	24' x 14', Steel Side Coiling Grilles, Manually Operated	16,026.32	1,171.09
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*3,045.74*	
		For Staggered Brick Pattern, Add	*317.27*	
		For Lexan Lattice Pattern, Add	*1,903.59*	
08 33 36 00-0017	EA	30' x 14', Steel Side Coiling Grilles, Manually Operated	19,548.74	1,293.13
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*3,805.20*	
		For Staggered Brick Pattern, Add	*396.38*	
		For Lexan Lattice Pattern, Add	*2,378.25*	

08 33 39 High Speed Doors *(08 33)*

08 33 39 00-0001 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 39)*

Note: Rytec® PredaDoor® PD5500. Door panel is 2-ply multi-filament Rilon. Includes full width vision panel. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Drive system is a 3 phase, variable-speed AC Drive with brake and absolute encoder. Opens at 50" per second and closes at 21" per second.

08 33 39 00-0002 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 39 00-0001)*

08 33 39 00-0003 6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 39 00-0002)*

08 33 39 00-0004	EA	6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	8,853.80	325.99
08 33 39 00-0005	EA	6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	9,000.85	339.85
08 33 39 00-0006	EA	6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	9,178.50	353.70
08 33 39 00-0007	EA	6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	9,402.05	367.55
08 33 39 00-0008	EA	6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	9,638.86	381.41
08 33 39 00-0009	EA	6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,034.79	395.26
08 33 39 00-0010	EA	6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,317.49	409.12

08 33 39 00-0011 7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 39 00-0002)*

08 33 39 00-0012	EA	7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	9,031.45	339.85
08 33 39 00-0013	EA	7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	9,217.26	353.70
08 33 39 00-0014	EA	7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	9,448.97	367.55
08 33 39 00-0015	EA	7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	9,693.94	381.41
08 33 39 00-0016	EA	7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,015.41	395.26
08 33 39 00-0017	EA	7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,402.15	409.12
08 33 39 00-0018	EA	7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,708.33	422.97

08 33 39 00-0019 8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 39 00-0002)*

08 33 39 00-0020	EA	8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	9,247.86	353.70
08 33 39 00-0021	EA	8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	9,478.55	367.55
08 33 39 00-0022	EA	8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	9,732.70	381.41
08 33 39 00-0023	EA	8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,063.35	395.26
08 33 39 00-0024	EA	8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,362.37	409.12
08 33 39 00-0025	EA	8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,782.79	422.97
08 33 39 00-0026	EA	8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,128.74	436.83

08 33 39 00-0027 9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 39 00-0002)*

08 33 39 00-0028	EA	9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	9,509.15	367.55
08 33 39 00-0029	EA	9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	9,762.28	381.41
08 33 39 00-0030	EA	9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,092.93	395.26
08 33 39 00-0031	EA	9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,401.13	409.12
08 33 39 00-0032	EA	9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,724.65	422.97
08 33 39 00-0033	EA	9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,060.40	436.83
08 33 39 00-0034	EA	9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,427.77	450.68

08 33 39 00-0035 10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 39 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 39 00-0036	EA	10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	9,786.76	381.41
08 33 39 00-0037	EA	10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,123.53	395.26
08 33 39 00-0038	EA	10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,429.69	409.12
08 33 39 00-0039	EA	10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,755.25	422.97
08 33 39 00-0040	EA	10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,116.50	436.83
08 33 39 00-0041	EA	10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,487.95	450.68
08 33 39 00-0042	EA	10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,804.32	464.53
08 33 39 00-0043		11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 39 00-0002)*		
08 33 39 00-0044	EA	11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,141.89	395.26
08 33 39 00-0045	EA	11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,455.19	409.12
08 33 39 00-0046	EA	11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,784.83	422.97
08 33 39 00-0047	EA	11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,147.10	436.83
08 33 39 00-0048	EA	11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,385.95	450.68
08 33 39 00-0049	EA	11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,855.32	464.53
08 33 39 00-0050	EA	11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,240.03	478.39
08 33 39 00-0051		12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 39 00-0002)*		
08 33 39 00-0052	EA	12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,463.35	409.12
08 33 39 00-0053	EA	12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,802.17	422.97
08 33 39 00-0054	EA	12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,170.56	436.83
08 33 39 00-0055	EA	12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,418.59	450.68
08 33 39 00-0056	EA	12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,742.10	464.53
08 33 39 00-0057	EA	12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,282.87	478.39
08 33 39 00-0058	EA	12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,660.43	492.25
08 33 39 00-0059		Rytec® PredaDoor® Door Options *(08 33 39 00-0001)*		
08 33 39 00-0060	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	306.00	81.50
08 33 39 00-0061	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	510.00	81.50
08 33 39 00-0062	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors	7.65	
08 33 39 00-0063		3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 39)*		
		Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers.		
08 33 39 00-0064		3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 39 00-0063)*		
08 33 39 00-0065		8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 39 00-0064)*		
08 33 39 00-0066	EA	8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	13,027.24	488.98
08 33 39 00-0067	EA	8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	13,623.08	502.84
08 33 39 00-0068	EA	8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	14,140.39	516.69
08 33 39 00-0069	EA	8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	14,698.50	530.56
08 33 39 00-0070	EA	8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,331.07	544.41
08 33 39 00-0071	EA	8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,660.70	558.26
08 33 39 00-0072	EA	8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,178.01	572.12
08 33 39 00-0073		9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 39 00-0064)*		
08 33 39 00-0074	EA	9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	13,623.08	502.84
08 33 39 00-0075	EA	9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	14,140.39	516.69
08 33 39 00-0076	EA	9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	14,698.50	530.56
08 33 39 00-0077	EA	9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,331.07	544.41
08 33 39 00-0078	EA	9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,660.70	558.26
08 33 39 00-0079	EA	9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,178.01	572.12
08 33 39 00-0080	EA	9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,848.31	585.97
08 33 39 00-0081		10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 39 00-0064)*		
08 33 39 00-0082	EA	10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	14,140.39	516.69
08 33 39 00-0083	EA	10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	14,698.50	530.56
08 33 39 00-0084	EA	10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,331.07	544.41
08 33 39 00-0085	EA	10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,660.70	558.26
08 33 39 00-0086	EA	10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,178.01	572.12
08 33 39 00-0087	EA	10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,848.31	585.97
08 33 39 00-0088	EA	10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,480.89	599.83
08 33 39 00-0089		11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 39 00-0064)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 39 00-0090	EA	11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	14,698.50	530.56
08 33 39 00-0091	EA	11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,331.07	544.41
08 33 39 00-0092	EA	11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,660.70	558.26
08 33 39 00-0093	EA	11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,178.01	572.12
08 33 39 00-0094	EA	11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,848.31	585.97
08 33 39 00-0095	EA	11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,480.89	599.83
08 33 39 00-0096	EA	11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,187.92	613.68
08 33 39 00-0097		12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 39 00-0064)*		
08 33 39 00-0098	EA	12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,331.07	544.41
08 33 39 00-0099	EA	12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,660.70	558.26
08 33 39 00-0100	EA	12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,178.01	572.12
08 33 39 00-0101	EA	12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,848.31	585.97
08 33 39 00-0102	EA	12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,480.89	599.83
08 33 39 00-0103	EA	12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,187.92	613.68
08 33 39 00-0104	EA	12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,695.03	627.53
08 33 39 00-0105		13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 39 00-0064)*		
08 33 39 00-0106	EA	13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,049.32	558.26
08 33 39 00-0107	EA	13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,713.51	572.12
08 33 39 00-0108	EA	13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,343.01	585.97
08 33 39 00-0109	EA	13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,075.55	599.83
08 33 39 00-0110	EA	13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,805.02	613.68
08 33 39 00-0111	EA	13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,344.77	627.53
08 33 39 00-0112	EA	13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,752.94	641.39
08 33 39 00-0113		14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 39 00-0064)*		
08 33 39 00-0114	EA	14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,713.51	572.12
08 33 39 00-0115	EA	14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,343.01	585.97
08 33 39 00-0116	EA	14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,075.55	599.83
08 33 39 00-0117	EA	14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,805.02	613.68
08 33 39 00-0118	EA	14' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,344.77	627.53
08 33 39 00-0119	EA	14' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,752.94	641.39
08 33 39 00-0120	EA	14' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,363.07	655.24
08 33 39 00-0121		Rytec® Fast-Seal® Door Options *(08 33 39 00-0063)*		
08 33 39 00-0122	LF	Strapped Windbar For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Multiply linear foot price x width of door.	30.60	
08 33 39 00-0123	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	306.00	
08 33 39 00-0124	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	510.00	
08 33 39 00-0125	EA	One 17" x 17", 2mm Thick, Replaceable PVC Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	193.80	
08 33 39 00-0126	EA	Two 17" x 17", 2mm Thick, Replaceable PVC Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 90" wide.	382.50	
08 33 39 00-0127	EA	Three 17" x 17", 2mm Thick, Replaceable PVC Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 102" wide.	484.50	
08 33 39 00-0128	EA	Four 17" x 17", 2mm Thick, Replaceable PVC Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 136" wide.	765.00	
08 33 39 00-0129	EA	One 24" x 24", 2mm Thick, Replaceable PVC Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	224.40	
08 33 39 00-0130	EA	Two 24" x 24", 2mm Thick, Replaceable PVC Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 108" wide.	443.70	
08 33 39 00-0131	EA	Three 24" x 24", 2mm Thick, Replaceable PVC Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 144" wide.	550.80	
08 33 39 00-0132	EA	Four 24" x 24", 2mm Thick, Replaceable PVC Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 192" wide.	887.40	
08 33 39 00-0133		Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) *(08 33 39)* Note: Door panels are double-walled aluminum slats that are 6" high x 1-3/16" thick. Width is variable. Side frames are galvanized steel with full height weatherseal on both sides. There are extension springs in each column for counterbalance. The drive system is a 2 HP, 208,230/460 Volt, three-phase motor with variable speed AC drive. Opening and closing speeds up to 60" per second.		
08 33 39 00-0134		Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) *(08 33 39 00-0133)*		
08 33 39 00-0135		8' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 39 00-0134)*		
08 33 39 00-0136	EA	8' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	18,564.41	651.98
08 33 39 00-0137	EA	8' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	19,103.14	665.84
08 33 39 00-0138	EA	8' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	19,641.86	679.69
08 33 39 00-0139	EA	8' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,180.59	693.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 39 00-0140	EA	8' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,719.32	707.40
08 33 39 00-0141	EA	8' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,258.05	721.25
08 33 39 00-0142	EA	8' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,817.80	735.11
08 33 39 00-0143		9' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 39 00-0134)*		
08 33 39 00-0144	EA	9' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	19,103.14	665.84
08 33 39 00-0145	EA	9' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	19,641.86	679.69
08 33 39 00-0146	EA	9' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,180.59	693.55
08 33 39 00-0147	EA	9' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,719.32	707.40
08 33 39 00-0148	EA	9' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,258.05	721.25
08 33 39 00-0149	EA	9' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,796.78	735.11
08 33 39 00-0150	EA	9' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,356.53	748.96
08 33 39 00-0151		10' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 39 00-0134)*		
08 33 39 00-0152	EA	10' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	19,641.86	679.69
08 33 39 00-0153	EA	10' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,180.59	693.55
08 33 39 00-0154	EA	10' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,719.32	707.40
08 33 39 00-0155	EA	10' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,258.05	721.25
08 33 39 00-0156	EA	10' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,796.78	735.11
08 33 39 00-0157	EA	10' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,335.51	748.96
08 33 39 00-0158	EA	10' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,895.25	762.82
08 33 39 00-0159		11' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 39 00-0134)*		
08 33 39 00-0160	EA	11' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,180.59	693.55
08 33 39 00-0161	EA	11' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,719.32	707.40
08 33 39 00-0162	EA	11' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,258.05	721.25
08 33 39 00-0163	EA	11' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,796.78	735.11
08 33 39 00-0164	EA	11' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,335.51	748.96
08 33 39 00-0165	EA	11' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,874.23	762.82
08 33 39 00-0166	EA	11' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,432.97	776.67
08 33 39 00-0167		12' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 39 00-0134)*		
08 33 39 00-0168	EA	12' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,719.32	707.40
08 33 39 00-0169	EA	12' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,258.05	721.25
08 33 39 00-0170	EA	12' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,796.78	735.11
08 33 39 00-0171	EA	12' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,335.51	748.96
08 33 39 00-0172	EA	12' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,874.23	762.82
08 33 39 00-0173	EA	12' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,412.97	776.67
08 33 39 00-0174	EA	12' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,972.72	790.53
08 33 39 00-0175		13' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 39 00-0134)*		
08 33 39 00-0176	EA	13' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,258.05	721.25
08 33 39 00-0177	EA	13' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,796.78	735.11
08 33 39 00-0178	EA	13' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,335.51	748.96
08 33 39 00-0179	EA	13' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,874.23	762.82
08 33 39 00-0180	EA	13' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,412.97	776.67
08 33 39 00-0181	EA	13' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,951.70	790.53
08 33 39 00-0182	EA	13' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,511.45	804.38
08 33 39 00-0183		14' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 39 00-0134)*		
08 33 39 00-0184	EA	14' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,817.80	735.11
08 33 39 00-0185	EA	14' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,356.53	748.96
08 33 39 00-0186	EA	14' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,895.25	762.82
08 33 39 00-0187	EA	14' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,432.97	776.67
08 33 39 00-0188	EA	14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,972.72	790.53
08 33 39 00-0189	EA	14' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,511.45	804.38
08 33 39 00-0190	EA	14' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,045.08	818.23
08 33 39 00-0191		Rytec® Spiral® Door Options *(08 33 39 00-0133)*		
08 33 39 00-0192	EA	Insulated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Per door price.	306.00	
08 33 39 00-0193	EA	Up To 13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	204.00	
08 33 39 00-0194	EA	>13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	306.00	
08 33 39 00-0195	EA	Right Hand Motor Mount For Rytec® Spiral® High-Speed Rolling Doors	591.50	40.75
08 33 39 00-0196	EA	Up To 13' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	1,692.99	81.50
08 33 39 00-0197	EA	>13' To 16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	3,018.99	81.50
08 33 39 00-0198	EA	>16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	3,426.99	81.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 39 00-0199		**Activation And Control Box Options For High Speed Doors** *(08 33 39)*		
08 33 39 00-0200	EA	Pull Cord For High-Speed Rolling Doors	158.00	40.75
08 33 39 00-0201	EA	Emergency Stop, Pushbutton Control For High-Speed Rolling Doors	117.25	20.37
08 33 39 00-0202	EA	NEMA 4 Mushroom Remote Pushbutton Control For High-Speed Rolling Doors	142.75	20.37
08 33 39 00-0203	EA	On/Off Key Switch, Remote Control For High-Speed Rolling Doors	152.95	20.37
08 33 39 00-0204	EA	Open/Close/Stop, Remote Pushbutton Control For High-Speed Rolling Doors	270.25	20.37
08 33 39 00-0205	EA	Radio Control For High-Speed Rolling Doors Note: Includes one receiver and two transmitters.	428.25	36.67
08 33 39 00-0206	EA	Floor Loop For High-Speed Rolling Doors Note: Excludes sealant.	740.86	
08 33 39 00-0207	EA	Reflective Type Photo Eye For High-Speed Rolling Doors	438.53	36.67
08 33 39 00-0208	EA	Thru-Beam Type Photo Eye For High-Speed Rolling Doors	479.25	36.67
08 33 39 00-0209	EA	Motion Detector For High-Speed Rolling Doors	405.90	24.45
08 33 39 00-0210	EA	Remote Warning Horn For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	285.50	40.75
08 33 39 00-0211	EA	Remote Strobe Light For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	387.50	40.75
08 33 39 00-0212	EA	Remote Warning Horn And Strobe Light For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	438.50	40.75
08 33 39 00-0213	EA	Red And Green Red Light For High-Speed Rolling Doors Note: Includes mounting hardware.	540.50	40.75
08 33 43		**Overhead Coiling Smoke Curtains** *(08 33)*		
08 33 43 00-0001		Elevator Smoke Guard *(08 33 43)*		
08 33 43 00-0002	EA	Elevator Smoke Guard, 55" Width Housing (Smoke Guard 400)	7,840.27	509.27
08 33 43 00-0003	EA	Elevator Smoke Guard, 64" Width Housing (Smoke Guard 400)	8,110.57	509.27
08 33 43 00-0004	EA	Elevator Smoke Guard, 73" Width Housing (Smoke Guard 400)	8,380.87	509.27
08 34		**Special Function Doors** *(08 30)*		
08 34 13		**Cold Storage Doors** *(08 34)*		
08 34 13 00-0001		Vertical Sliding Doors *(08 34 13)* Note: Doors to be filled with 4" F.I.P. polyurethane.		
08 34 13 00-0002	EA	7'-0" x 8'-0" Single Leaf Vertical Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane	6,232.04	813.54
		For Adjusting Height Of Door To Fit Opening <7' Height, Add	*405.98*	
08 34 13 00-0003	EA	7'-0" x 9'-0" Bi-Pass Vertical Sliding Cold Storage Door, Filled With 4" F.I.P. Polyurethane	7,993.76	1,032.81
		For Adjusting Height Of Door To Fit Opening <7' Height, Add	*516.40*	
08 34 13 00-0004		Horizontal Sliding Doors *(08 34 13)* Note: Doors to be filled with 4" F.I.P. polyurethane.		
08 34 13 00-0005	EA	6'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane	5,005.74	649.74
08 34 13 00-0006	EA	7'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane	5,641.81	732.68
08 34 13 00-0007	EA	7'-0" x 9'-0" Bi-Parting Horizontal Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane	7,294.42	965.57
08 34 13 00-0008	EA	5'-0" x 7'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane	4,366.40	590.35
08 34 13 00-0009		Horizontal Hinge Type *(08 34 13)* Note: Doors to be filled with 4" F.I.P. polyurethane.		
08 34 13 00-0010	EA	3'-0" x 7'-0" Swinging Cold Storage Door, Filled With 4" F.I.P. Polyurethane	2,948.61	384.00
08 34 16		**Hangar Doors** *(08 34)*		
08 34 16 00-0001	SF	70' To 120' Wide X To 20' High Hanger Door 25' Panels Note: Includes motorized opener and special hardware.	39.57	13.56
08 34 16 00-0002	SF	120' To 180' Wide X To 20' High Hanger Door 25' Panels Note: Includes motorized opener and special hardware.	36.42	13.56
08 34 16 00-0003	SF	120' To 180' Wide X 20-40' High Hanger Door 25' Panels Note: Includes motorized opener and special hardware.	34.27	2.90
08 34 16 00-0004	SF	120' To 180' Wide X 40-60' High Hanger Door 25' Panels Note: Includes motorized opener and special hardware.	33.43	1.94
08 34 16 00-0005	SF	120' To 180' Wide X 60-80' High Hanger Door 25' Panels Note: Includes motorized opener and special hardware.	34.28	1.94
08 34 16 00-0006	SF	120' To 180' Wide x >80' High Hanger Door 25' Panels Note: Includes motorized opener and special hardware.	51.90	1.94
08 34 23		**Sidewalk and Basement Doors** *(08 34)*		
08 34 23 00-0001		Drainage Doors *(08 34 23)*		
08 34 23 00-0002		Single Leaf Aluminum Drainage Doors *(08 34 23 00-0001)* Note: Bilco - J Series.		
08 34 23 00-0003	EA	2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	977.80	145.15
08 34 23 00-0004	EA	2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,204.80	151.67
08 34 23 00-0005	EA	3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,279.94	154.93
08 34 23 00-0006	EA	3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,412.60	158.18
08 34 23 00-0007	EA	3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,648.41	166.34
08 34 23 00-0008	EA	2' 6" x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,681.04	162.51
08 34 23 00-0009	EA	3' x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,872.00	166.34
08 34 23 00-0010	EA	2' 6" x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,954.37	170.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0011	EA	3' x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,145.34	174.00
08 34 23 00-0012	EA	3' x 6' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,492.20	183.78
08 34 23 00-0013		**Double Leaf Aluminum Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - JD Series.		
08 34 23 00-0014	EA	4' x 2' 6" Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,000.45	162.51
08 34 23 00-0015	EA	4' x 4' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,100.63	174.00
08 34 23 00-0016	EA	4' x 6' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,666.59	193.55
08 34 23 00-0017	EA	5' x 5' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,743.25	193.55
08 34 23 00-0018		**Single Leaf Aluminum H2O Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - J H2O Series.		
08 34 23 00-0019	EA	2' x 2' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	1,571.91	145.15
08 34 23 00-0020	EA	2' 6" x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	1,837.24	151.67
08 34 23 00-0021	EA	3' x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,001.85	154.93
08 34 23 00-0022	EA	3' x 3' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,268.65	158.18
08 34 23 00-0023	EA	3' 6" x 3' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,625.84	166.34
08 34 23 00-0024		**Double Leaf Aluminum H2O Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - JD H2O Series.		
08 34 23 00-0025	EA	4' x 2' 6" Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,626.50	162.51
08 34 23 00-0026	EA	4' x 4' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	3,518.82	174.00
08 34 23 00-0027	EA	4' x 6' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	5,011.08	193.55
08 34 23 00-0028	EA	5' x 5' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	4,717.22	193.55
08 34 23 00-0029		**Single Leaf Steel Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - J Series.		
08 34 23 00-0030	EA	2' x 2' Single Leaf Steel Floor, Vault Or Sidewalk Door	1,031.83	145.15
08 34 23 00-0031	EA	2' 6" x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,083.84	151.67
08 34 23 00-0032	EA	3' x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,203.31	154.93
08 34 23 00-0033	EA	3' x 3' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,328.83	158.18
08 34 23 00-0034	EA	3' 6" x 3' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,540.08	166.34
08 34 23 00-0035	EA	2' 6" x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,468.03	162.51
08 34 23 00-0036	EA	3' x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,666.74	166.34
08 34 23 00-0037	EA	2' 6" x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,660.39	170.17
08 34 23 00-0038	EA	3' x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,847.04	174.00
08 34 23 00-0039	EA	3' x 6' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,970.28	183.78
08 34 23 00-0040		**Double Leaf Steel Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - JD Series.		
08 34 23 00-0041	EA	4' x 2' 6" Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,793.72	162.51
08 34 23 00-0042	EA	4' x 4' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,883.23	174.00
08 34 23 00-0043	EA	4' x 6' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,340.80	193.55
08 34 23 00-0044	EA	5' x 5' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,407.15	193.55
08 34 23 00-0045		**Single Leaf Steel H2O Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - J H2O Series.		
08 34 23 00-0046	EA	2' x 2' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	1,731.46	145.15
08 34 23 00-0047	EA	2' 6" x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	1,831.73	151.67
08 34 23 00-0048	EA	3' x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	1,896.94	154.93
08 34 23 00-0049	EA	3' x 3' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,227.52	158.18
08 34 23 00-0050	EA	3' 6" x 3' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,619.71	166.34
08 34 23 00-0051		**Double Leaf Steel H2O Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - JD H2O Series.		
08 34 23 00-0052	EA	4' x 2' 6" Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,879.36	162.51
08 34 23 00-0053	EA	4' x 4' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	3,216.15	174.00
08 34 23 00-0054	EA	4' x 6' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	4,759.35	193.55
08 34 23 00-0055	EA	5' x 5' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	4,638.73	193.55
08 34 23 00-0056		**Single Leaf Aluminum Drainage Door** *(08 34 23 00-0001)*		
		Note: Bilco - J-R (Odor Resistant).		
08 34 23 00-0057	EA	2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	933.50	145.15
08 34 23 00-0058	EA	2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	1,100.73	151.67
08 34 23 00-0059	EA	3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	1,165.36	154.93
08 34 23 00-0060	EA	3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	1,231.15	158.18
08 34 23 00-0061	EA	3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	1,388.16	166.34
08 34 23 00-0062		**Non-Drainage Doors** *(08 34 23)*		
08 34 23 00-0063		**Single Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)*		
		Note: Bilco - Q Series.		
08 34 23 00-0064	EA	2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	939.54	145.15
08 34 23 00-0065	EA	2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,140.92	151.67
08 34 23 00-0066	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,222.50	154.93
08 34 23 00-0067	EA	3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,272.09	158.18
08 34 23 00-0068	EA	3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,603.69	166.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0069	EA	2' 6" x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,444.70	162.51
08 34 23 00-0070	EA	3' x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,616.47	166.34
08 34 23 00-0071	EA	2' 6" x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,813.73	170.17
08 34 23 00-0072	EA	3' x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,921.81	174.00
08 34 23 00-0073	EA	3' x 6' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,185.79	183.78
08 34 23 00-0074		Single Leaf Aluminum Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - K Series.		
08 34 23 00-0075	EA	2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	767.06	145.15
08 34 23 00-0076	EA	2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	923.72	151.67
08 34 23 00-0077	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,024.46	154.93
08 34 23 00-0078	EA	3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,093.22	158.18
08 34 23 00-0079	EA	3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,271.50	166.34
08 34 23 00-0080		Double Leaf Aluminum Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - QD Series.		
08 34 23 00-0081	EA	4' x 2'-6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,840.77	162.51
08 34 23 00-0082		Double Leaf Aluminum Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - KD Series.		
08 34 23 00-0083	EA	4' x 4' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,762.11	174.00
08 34 23 00-0084	EA	4' x 6' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,481.41	193.55
08 34 23 00-0085	EA	5' x 5' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,532.52	193.55
08 34 23 00-0086		Single Leaf Aluminum Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - T Series.		
08 34 23 00-0087	EA	2' x 2' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	843.72	145.15
08 34 23 00-0088	EA	2'-6" x 2'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	987.60	151.67
08 34 23 00-0089	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,056.40	154.93
08 34 23 00-0090	EA	3' x 3' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,157.10	158.18
08 34 23 00-0091	EA	3'-6" x 3'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,354.55	166.34
08 34 23 00-0092		Double Leaf Aluminum Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - TD Series.		
08 34 23 00-0093	EA	4' x 4' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,870.71	174.00
08 34 23 00-0094	EA	4' x 6' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	2,615.56	193.55
08 34 23 00-0095	EA	5' x 5' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	2,653.89	193.55
08 34 23 00-0096		Single Leaf Steel Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - Q Series.		
08 34 23 00-0097	EA	2' x 2' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	718.27	145.15
08 34 23 00-0098	EA	2'-6" x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	800.37	151.67
08 34 23 00-0099	EA	3' x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	895.76	154.93
08 34 23 00-0100	EA	3' x 3' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	948.88	158.18
08 34 23 00-0101		Double Leaf Steel Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - QD Series.		
08 34 23 00-0102	EA	4' x 2' 6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,413.75	162.51
08 34 23 00-0103		Basement Doors *(08 34 23)*		
		Note: 12 gauge primed steel, center opening, includes assembly and installation hardware.		
08 34 23 00-0104	EA	45-1/4" Wide x 65-1/4" Long, Sloped Wall Basement Door, Factory Primed Metal (Bilco Classic Series)	1,009.26	183.37
08 34 23 00-0105	EA	30" High x 47" Wide x 58" Long, Basement Door (Bilco Classic Series)	826.77	138.96
08 34 23 00-0106	EA	22" High x 51" Wide x 64" Long, Basement Door (Bilco Classic Series)	862.93	152.81
08 34 23 00-0107	EA	19-1/2" High x 55" Wide x 72" Long, Basement Door (Bilco Classic Series)	921.92	162.99
08 34 23 00-0108	EA	52" High x 51" Wide x 43-1/4" Long, Basement Door (Bilco Classic Series)	1,021.77	183.37
08 34 49		**Radiation Shielding Doors And Frames** *(08 34)*		
08 34 49 13		**Neutron Shielding Doors And Frames** *(08 34 49)*		
08 34 49 13-0001		Lead Lined Doors And Frames *(08 34 49 13)*		
08 34 49 13-0002	SF	1/16" Thick Laminated Lead In Wood Door	44.29	8.15
08 34 49 13-0003	SF	1/8" Thick Laminated Lead In Wood Door	51.47	8.15
08 34 49 13-0004	LF	1/16" Thick Lead Lined Door Frame	44.44	8.15
08 34 49 13-0005	LF	1/8" Thick Lead Lined Door Frame	46.83	8.15
08 34 53		**Security Doors And Frames** *(08 34)*		
08 34 53 00-0001		Metal Security Doors, Bullet Resistant *(08 34 53)*		
		Note: Includes door, frame, hardware hinges, lockset and cylinder, all UL 753 Listed.		
08 34 53 00-0002	SF	Metal Security Door	43.19	7.12
08 34 53 00-0003	EA	(.38 caliber) Medium-Small Arms Metal Security Door	1,740.01	355.16
08 34 53 00-0004	EA	(.44 caliber) Super-Small Arms Metal Security Door	2,039.77	377.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 53 00-0005		**Metal Security Doors** *(08 34 53)* Note: Includes standard pitcher handle latch, pneumatic closure, hinges and baked enamel finish.		
08 34 53 00-0006	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-501-28-O) Note: Top and bottom section are #12 mesh 0.028" stainless steel wire cloth with a bottom kick plate.	612.56	65.05
08 34 53 00-0007	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-503-28-O) Note: Top section is #12 mesh 0.028" stainless steel wire cloth and bottom section is a double kick panel.	612.56	65.05
08 34 53 00-0008	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-504-28-O) Note: Top section includes 1/8" tempered sash unit and #12 mesh 0.028" stainless steel wire cloth. Bottom section is a double kick panel.	853.82	65.05
08 34 56		**Security Gates** *(08 34)*		
08 34 56 00-0001		**Pivoting Double Folding Gate** *(08 34 56)* Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.		
08 34 56 00-0002	EA	6' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	708.16	155.04
08 34 56 00-0003	EA	8' To 10' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	795.17	174.42
08 34 56 00-0004	EA	8' To 10' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	858.05	193.81
08 34 56 00-0005	EA	8' To 10' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	945.04	213.18
08 34 56 00-0006	EA	10' To 12' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	796.36	156.98
08 34 56 00-0007	EA	10' To 12' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	859.41	176.36
08 34 56 00-0008	EA	10' To 12' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	942.49	195.74
08 34 56 00-0009	EA	10' To 12' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,009.67	215.12
08 34 56 00-0010	EA	12' To 14' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	836.41	158.92
08 34 56 00-0011	EA	12' To 14' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	899.24	178.30
08 34 56 00-0012	EA	12' To 14' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,430.01	187.99
08 34 56 00-0013	EA	12' To 14' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	998.65	197.69
08 34 56 00-0014	EA	12' To 14' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,067.59	217.06
08 34 56 00-0015	EA	14' To 16' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	912.73	160.86
08 34 56 00-0016	EA	14' To 16' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	975.34	180.24
08 34 56 00-0017	EA	14' To 16' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,030.92	189.93
08 34 56 00-0018	EA	14' To 16' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,099.23	199.62
08 34 56 00-0019	EA	14' To 16' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,197.92	219.00
08 34 56 00-0020	EA	16' To 18' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,029.16	164.73
08 34 56 00-0021	EA	16' To 18' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,107.63	186.05
08 34 56 00-0022	EA	16' To 18' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,191.15	197.69
08 34 56 00-0023	EA	16' To 18' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,239.79	203.50
08 34 56 00-0024		**Pivoting Single Folding Gate** *(08 34 56)* Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.		
08 34 56 00-0025	EA	5' To 6' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	482.45	108.53
08 34 56 00-0026	EA	5' To 6' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	514.32	112.40
08 34 56 00-0027	EA	5' To 6' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	546.20	116.28
08 34 56 00-0028	EA	5' To 6' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	585.84	124.04
08 34 56 00-0029	EA	5' To 6' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	613.41	131.79
08 34 56 00-0030	EA	6' To 7' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	514.21	112.40
08 34 56 00-0031	EA	6' To 7' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	546.25	116.28
08 34 56 00-0032	EA	6' To 7' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	578.13	120.16
08 34 56 00-0033	EA	6' To 7' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	617.73	127.91
08 34 56 00-0034	EA	6' To 7' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	645.47	135.67
08 34 56 00-0035	EA	7' To 8' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	558.14	116.28
08 34 56 00-0036	EA	7' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	590.20	120.16
08 34 56 00-0037	EA	7' To 8' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	622.01	124.04
08 34 56 00-0038	EA	7' To 8' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	661.75	131.79
08 34 56 00-0039	EA	7' To 8' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	701.55	139.53
08 34 56 00-0040		**Window Gates, Expands From 2' To 4'** *(08 34 56)* Note: Includes padlock hasp and galvanized finish. Excludes padlock.		
08 34 56 00-0041	EA	33" High Window Gate, Up To 4' Wide Opening	195.39	42.64
08 34 56 00-0042	EA	37" High Window Gate, Up To 4' Wide Opening	203.15	46.51
08 34 56 00-0043	EA	40" High Window Gate, Up To 4' Wide Opening	203.15	46.51
08 34 56 00-0044	EA	43" High Window Gate, Up To 4' Wide Opening	211.37	50.39
08 34 56 00-0045	EA	46" High Window Gate, Up To 4' Wide Opening	211.37	50.39
08 34 56 00-0046	EA	49" High Window Gate, Up To 4' Wide Opening	219.12	54.26
08 34 56 00-0047	EA	51" High Window Gate, Up To 4' Wide Opening	219.12	54.26
08 34 56 00-0048	EA	53" High Window Gate, Up To 4' Wide Opening	226.87	58.14
08 34 56 00-0049	EA	55" High Window Gate, Up To 4' Wide Opening	226.87	58.14
08 34 56 00-0050	EA	57" High Window Gate, Up To 4' Wide Opening	234.63	62.02
08 34 56 00-0051	EA	59" High Window Gate, Up To 4' Wide Opening	234.63	62.02
08 34 56 00-0052		**Pivoting Door Gate, Expands From 2' To 4'** *(08 34 56)* Note: Includes padlock hasp and galvanized finish. Excludes padlock.		
08 34 56 00-0053	EA	61" High Pivoting Door Gate, Up To 4' Wide Opening	242.38	65.90
08 34 56 00-0054	EA	63" High Pivoting Door Gate, Up To 4' Wide Opening	243.85	65.90
08 34 56 00-0055	EA	66" High Pivoting Door Gate, Up To 4' Wide Opening	253.56	69.77
08 34 56 00-0056	EA	71" High Pivoting Door Gate, Up To 4' Wide Opening	263.26	73.65
08 34 56 00-0057	EA	73" High Pivoting Door Gate, Up To 4' Wide Opening	265.21	73.65
08 34 56 00-0058	EA	76" High Pivoting Door Gate, Up To 4' Wide Opening	274.92	77.52
08 34 56 00-0059	EA	79" High Pivoting Door Gate, Up To 4' Wide Opening	276.87	77.52
08 34 56 00-0060	EA	81" High Pivoting Door Gate, Up To 4' Wide Opening	285.98	81.39
08 34 56 00-0061	EA	83" High Pivoting Door Gate, Up To 4' Wide Opening	288.54	81.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73		**Sound Control Door Assemblies** *(08 34)*		
08 34 73 00-0001		Acoustical Doors And Frames *(08 34 73)*		
08 34 73 00-0002		Steel Acoustical Doors And Frames *(08 34 73 00-0001)* Note: Includes seals.		
08 34 73 00-0003		Steel Acoustical Doors *(08 34 73 00-0002)* Note: Includes hinges.		
08 34 73 00-0004	EA	3' x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated)	2,015.43	48.90
		For 1 Hour Fire Rated, Add	*115.83*	
		For 3" x 33" Vision Lite, Add	*804.87*	
		For 20" x 64" Vision Lite, Add	*861.30*	
08 34 73 00-0005	EA	3'-6" x 7', 14 Gauge, STC 52, Steel Acoustical Door (Unrated)	2,135.34	50.93
		For 1 Hour Fire Rated, Add	*115.83*	
		For 3" x 33" Vision Lite, Add	*804.87*	
		For 20" x 64" Vision Lite, Add	*861.30*	
08 34 73 00-0006	EA	4' x 7', 14 Gauge, STC 53, Steel Acoustical Door (Unrated)	2,259.31	55.01
		For 1 Hour Fire Rated, Add	*115.83*	
		For 3" x 33" Vision Lite, Add	*804.87*	
		For 20" x 64" Vision Lite, Add	*861.30*	
08 34 73 00-0007	PR	Pair 3' x 7', 14 Gauge, STC 50, Steel Acoustical Doors (Unrated)	4,021.07	92.91
		For 1 Hour Fire Rated, Add	*231.66*	
		For 3" x 33" Windows, Add	*1,609.74*	
		For 20" x 64" Windows, Add	*1,722.60*	
08 34 73 00-0008		Steel Acoustical Door Frames *(08 34 73 00-0002)*		
08 34 73 00-0009	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	1,665.81	81.50
08 34 73 00-0010	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	1,708.38	81.50
08 34 73 00-0011	EA	3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	1,750.95	81.50
08 34 73 00-0012	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	1,793.52	81.50
08 34 73 00-0013	EA	3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	1,903.87	89.65
08 34 73 00-0014	EA	3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	1,951.39	89.65
08 34 73 00-0015	EA	3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	1,993.96	89.65
08 34 73 00-0016	EA	3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,046.76	89.65
08 34 73 00-0017	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,144.67	93.72
08 34 73 00-0018	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,187.24	93.72
08 34 73 00-0019	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,229.81	93.72
08 34 73 00-0020	EA	4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,277.33	93.72
08 34 73 00-0021	EA	6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	3,773.91	105.95
08 34 73 00-0022	EA	6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	3,814.50	105.95
08 34 73 00-0023	EA	6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	3,858.06	105.95
08 34 73 00-0024	EA	6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	3,902.61	105.95
08 34 73 00-0025		Wood Acoustical Door Systems, Prefinished *(08 34 73 00-0001)* Note: Includes the door, frame, hinges and seals.		
08 34 73 00-0026	EA	3' x 7', STC 41, Wood Acoustical Door System (Unrated)	2,053.40	146.70
08 34 73 00-0027	EA	3' x 7', STC 49, Wood Acoustical Door System (Unrated)	2,795.90	146.70
08 35		Folding Doors And Grilles *(08 30)*		
08 35 13		**Folding Doors** *(08 35)*		
08 35 13 13		**Accordion Folding Doors** *(08 35 13)*		
08 35 13 13-0001		Accordion Folding Doors *(08 35 13 13)* Note: Includes track, fittings and hardware, complete.		
08 35 13 13-0002	SF	Vinyl Covered Steel Accordion Doors, Two Layers	17.53	8.15
		For Fire Retardant, Add	*2.55*	
08 35 13 13-0003	SF	Woven Mahogany/Vinyl Accordion Door	13.61	8.15
		For Fire Retardant, Add	*1.57*	
08 35 13 13-0004	SF	Economy Vinyl Accordion Door	13.58	8.15
		For Fire Retardant, Add	*1.56*	
08 35 13 13-0005	SF	Rigid PVC Accordion Door	14.70	8.15
		For Fire Retardant, Add	*1.84*	
08 36		Panel Doors *(08 30)*		
08 36 13		**Sectional Doors** *(08 36)*		
08 36 13 00-0001		Sectional Wood Overhead Doors *(08 36 13)*		
08 36 13 00-0002		Wood Sectional Overhead Doors *(08 36 13 00-0001)* Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.		
08 36 13 00-0003	EA	8' x 8', Wood Sectional Door, Manual Lift	2,150.55	325.99
08 36 13 00-0004	EA	10' x 10', Wood Sectional Door, Manual Lift	2,676.37	361.85
08 36 13 00-0005	EA	12' x 12', Wood Sectional Door, Manual Lift	3,416.40	433.57
08 36 13 00-0006	EA	14' x 14', Wood Sectional Door, Manual Lift	4,930.21	502.03
08 36 13 00-0007	EA	12' x 16', Wood Sectional Door, Manual Lift	5,292.77	651.98
08 36 13 00-0008	EA	20' x 8', Wood Sectional Door, Manual Lift	5,031.66	814.98
08 36 13 00-0009	EA	20' x 16', Wood Sectional Door, Manual Lift	9,205.18	1,086.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0010		**Residential Grade, Wood Sectional Overhead Doors** *(08 36 13 00-0001)* Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.		
08 36 13 00-0011	EA	9' x 7', Residential Grade, Wood Sectional Door, Manual Lift	1,110.42	162.99
		For Hardboard Face, Add	*115.00*	
		For Insulation, Add	*117.00*	
		For Motor Operator With Remote Controls, Add	*389.74*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
08 36 13 00-0012	EA	16' x 7', Residential Grade, Wood Sectional Door, Manual Lift	1,754.78	162.99
		For Hardboard Face, Add	*115.00*	
		For Insulation, Add	*117.00*	
		For Motor Operator With Remote Controls, Add	*413.96*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
08 36 13 00-0013		**Sectional Metal Overhead Doors** *(08 36 13)* Note: Includes tracks and all hardware.		
08 36 13 00-0014		**Galvanized Steel Sectional Overhead Doors** *(08 36 13 00-0013)*		
08 36 13 00-0015		**Non-Insulated, 24 Gauge Galvanized Steel Sectional Doors** *(08 36 13 00-0014)* Note: Includes 2" door, tracks and hardware. Excludes frame.		
08 36 13 00-0016	EA	8' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,044.71	285.24
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*68.76*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*118.56*	
		For Aluminum, Mill Finish, Add	*54.06*	
		For Aluminum, Anodized Finish, Add	*151.28*	
08 36 13 00-0017	EA	8' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,224.47	325.99
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*83.01*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*143.12*	
		For Aluminum, Mill Finish, Add	*65.26*	
		For Aluminum, Anodized Finish, Add	*182.62*	
08 36 13 00-0018	EA	8' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,514.93	407.49
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*101.49*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*174.99*	
		For Aluminum, Mill Finish, Add	*79.79*	
		For Aluminum, Anodized Finish, Add	*223.28*	
08 36 13 00-0019	EA	10' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,180.71	325.99
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*76.67*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*132.18*	
		For Aluminum, Mill Finish, Add	*60.28*	
		For Aluminum, Anodized Finish, Add	*168.66*	
08 36 13 00-0020	EA	10' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,458.88	407.49
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*93.37*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*160.98*	
		For Aluminum, Mill Finish, Add	*73.40*	
		For Aluminum, Anodized Finish, Add	*205.40*	
08 36 13 00-0021	EA	10' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,846.96	529.74
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*114.19*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*196.87*	
		For Aluminum, Mill Finish, Add	*89.77*	
		For Aluminum, Anodized Finish, Add	*251.21*	
08 36 13 00-0022	EA	10' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,200.50	651.98
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*130.00*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*224.13*	
		For Aluminum, Mill Finish, Add	*102.20*	
		For Aluminum, Anodized Finish, Add	*285.99*	
08 36 13 00-0023	EA	12' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,422.04	407.49
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*88.02*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*151.77*	
		For Aluminum, Mill Finish, Add	*69.20*	
		For Aluminum, Anodized Finish, Add	*193.65*	
08 36 13 00-0024	EA	12' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,791.68	529.74
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*106.17*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*183.05*	
		For Aluminum, Mill Finish, Add	*83.47*	
		For Aluminum, Anodized Finish, Add	*233.57*	
08 36 13 00-0025	EA	12' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,190.51	651.98
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*128.55*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*221.64*	
		For Aluminum, Mill Finish, Add	*101.07*	
		For Aluminum, Anodized Finish, Add	*282.81*	
08 36 13 00-0026	EA	12' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,587.79	774.23
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*150.70*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*259.84*	
		For Aluminum, Mill Finish, Add	*118.48*	
		For Aluminum, Anodized Finish, Add	*331.55*	
08 36 13 00-0027	EA	12' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,097.30	937.22
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*177.31*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*305.72*	
		For Aluminum, Mill Finish, Add	*139.41*	
		For Aluminum, Anodized Finish, Add	*390.09*	
08 36 13 00-0028	EA	14' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,718.74	529.74
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*95.59*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*164.82*	
		For Aluminum, Mill Finish, Add	*75.16*	
		For Aluminum, Anodized Finish, Add	*210.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0029	EA	14' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,114.50	651.98
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*117.53*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*202.63*	
		For Aluminum, Mill Finish, Add	*92.40*	
		For Aluminum, Anodized Finish, Add	*258.56*	
08 36 13 00-0030	EA	14' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,616.32	814.98
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*143.02*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*246.59*	
		For Aluminum, Mill Finish, Add	*112.45*	
		For Aluminum, Anodized Finish, Add	*314.65*	
08 36 13 00-0031	EA	14' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,015.14	937.22
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*165.40*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*285.18*	
		For Aluminum, Mill Finish, Add	*130.04*	
		For Aluminum, Anodized Finish, Add	*363.88*	
08 36 13 00-0032	EA	14' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,454.66	1,059.47
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*193.68*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*333.93*	
		For Aluminum, Mill Finish, Add	*152.27*	
		For Aluminum, Anodized Finish, Add	*426.09*	
08 36 13 00-0033	EA	16' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,087.62	651.98
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*113.63*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*195.91*	
		For Aluminum, Mill Finish, Add	*89.34*	
		For Aluminum, Anodized Finish, Add	*249.98*	
08 36 13 00-0034	EA	16' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,587.90	814.98
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*138.90*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*239.49*	
		For Aluminum, Mill Finish, Add	*109.21*	
		For Aluminum, Anodized Finish, Add	*305.58*	
08 36 13 00-0035	EA	16' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,029.72	937.22
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*167.52*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*288.82*	
		For Aluminum, Mill Finish, Add	*131.70*	
		For Aluminum, Anodized Finish, Add	*368.53*	
08 36 13 00-0036	EA	16' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,569.84	1,059.47
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*210.38*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*362.73*	
		For Aluminum, Mill Finish, Add	*165.40*	
		For Aluminum, Anodized Finish, Add	*462.84*	
08 36 13 00-0037	EA	16' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,150.00	1,222.46
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*247.23*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*426.26*	
		For Aluminum, Mill Finish, Add	*194.38*	
		For Aluminum, Anodized Finish, Add	*543.91*	
08 36 13 00-0038	EA	18' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,647.04	814.98
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*147.48*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*254.27*	
		For Aluminum, Mill Finish, Add	*115.95*	
		For Aluminum, Anodized Finish, Add	*324.45*	
08 36 13 00-0039	EA	18' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,135.69	937.22
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*182.88*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*315.31*	
		For Aluminum, Mill Finish, Add	*143.78*	
		For Aluminum, Anodized Finish, Add	*402.34*	
08 36 13 00-0040	EA	18' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,738.76	1,059.47
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*234.87*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*404.96*	
		For Aluminum, Mill Finish, Add	*184.66*	
		For Aluminum, Anodized Finish, Add	*516.72*	
08 36 13 00-0041	EA	18' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,319.69	1,222.46
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*271.84*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*468.69*	
		For Aluminum, Mill Finish, Add	*213.72*	
		For Aluminum, Anodized Finish, Add	*598.04*	
08 36 13 00-0042	EA	18' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,948.21	1,385.46
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*315.70*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*544.32*	
		For Aluminum, Mill Finish, Add	*248.21*	
		For Aluminum, Anodized Finish, Add	*694.55*	
08 36 13 00-0043	EA	20' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,015.14	937.22
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*165.40*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*285.18*	
		For Aluminum, Mill Finish, Add	*130.04*	
		For Aluminum, Anodized Finish, Add	*363.88*	
08 36 13 00-0044	EA	20' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,503.81	1,059.47
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*200.81*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*346.22*	
		For Aluminum, Mill Finish, Add	*157.88*	
		For Aluminum, Anodized Finish, Add	*441.77*	
08 36 13 00-0045	EA	20' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,260.57	1,222.46
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*263.26*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*453.91*	
		For Aluminum, Mill Finish, Add	*206.98*	
		For Aluminum, Anodized Finish, Add	*579.18*	
08 36 13 00-0046	EA	20' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,841.48	1,385.46
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*300.23*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*517.64*	
		For Aluminum, Mill Finish, Add	*236.04*	
		For Aluminum, Anodized Finish, Add	*660.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0047	EA	20' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,856.99	1,548.45
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*400.21*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*690.01*	
		For Aluminum, Mill Finish, Add	*314.65*	
		For Aluminum, Anodized Finish, Add	*880.46*	
08 36 13 00-0048	EA	22' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,368.66	1,059.47
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*181.21*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*312.43*	
		For Aluminum, Mill Finish, Add	*142.47*	
		For Aluminum, Anodized Finish, Add	*398.66*	
08 36 13 00-0049	EA	22' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,095.49	1,222.46
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*239.33*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*412.64*	
		For Aluminum, Mill Finish, Add	*188.16*	
		For Aluminum, Anodized Finish, Add	*526.52*	
08 36 13 00-0050	EA	22' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,806.93	1,385.46
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*295.22*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*509.00*	
		For Aluminum, Mill Finish, Add	*232.10*	
		For Aluminum, Anodized Finish, Add	*649.48*	
08 36 13 00-0051	EA	22' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,608.98	1,548.45
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*364.25*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*628.01*	
		For Aluminum, Mill Finish, Add	*286.37*	
		For Aluminum, Anodized Finish, Add	*801.34*	
08 36 13 00-0052	EA	22' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,299.66	1,711.46
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*417.13*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*719.19*	
		For Aluminum, Mill Finish, Add	*327.95*	
		For Aluminum, Anodized Finish, Add	*917.69*	
08 36 13 00-0053	EA	24' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,769.16	1,222.46
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*192.01*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*331.05*	
		For Aluminum, Mill Finish, Add	*150.96*	
		For Aluminum, Anodized Finish, Add	*422.42*	
08 36 13 00-0054	EA	24' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,519.75	1,385.46
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*253.58*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*437.20*	
		For Aluminum, Mill Finish, Add	*199.36*	
		For Aluminum, Anodized Finish, Add	*557.87*	
08 36 13 00-0055	EA	24' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,403.20	1,548.45
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*334.41*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*576.57*	
		For Aluminum, Mill Finish, Add	*262.91*	
		For Aluminum, Anodized Finish, Add	*735.70*	
08 36 13 00-0056	EA	24' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,026.32	1,711.46
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*377.50*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*650.86*	
		For Aluminum, Mill Finish, Add	*296.79*	
		For Aluminum, Anodized Finish, Add	*830.49*	
08 36 13 00-0057	EA	24' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,730.85	1,874.45
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*432.38*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*745.49*	
		For Aluminum, Mill Finish, Add	*339.94*	
		For Aluminum, Anodized Finish, Add	*951.25*	

08 36 13 00-0058 Insulated, 24 Gauge Galvanized Steel Sectional Doors *(08 36 13 00-0014)*

Note: Includes 2" door with polystyrene insulation, 26 gauge interior cover, tracks and hardware. Excludes frame.

08 36 13 00-0059	EA	8' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,270.67	285.24
		For Aluminum, Mill Finish, Add	*79.82*	
		For Aluminum, Anodized Finish, Add	*223.36*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*35.01*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*154.04*	
08 36 13 00-0060	EA	8' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,504.94	325.99
		For Aluminum, Mill Finish, Add	*97.24*	
		For Aluminum, Anodized Finish, Add	*272.09*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*42.65*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*187.65*	
08 36 13 00-0061	EA	8' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,853.29	407.49
		For Aluminum, Mill Finish, Add	*118.37*	
		For Aluminum, Anodized Finish, Add	*331.22*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*51.92*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*228.43*	
08 36 13 00-0062	EA	10' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,473.79	325.99
		For Aluminum, Mill Finish, Add	*93.69*	
		For Aluminum, Anodized Finish, Add	*262.16*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*41.09*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*180.80*	
08 36 13 00-0063	EA	10' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,814.92	407.49
		For Aluminum, Mill Finish, Add	*113.99*	
		For Aluminum, Anodized Finish, Add	*318.98*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*50.00*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*219.99*	
08 36 13 00-0064	EA	10' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,314.99	529.74
		For Aluminum, Mill Finish, Add	*143.13*	
		For Aluminum, Anodized Finish, Add	*400.51*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*62.78*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*276.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0065	EA	10' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,711.55	651.98
		For Aluminum, Mill Finish, Add	*160.46*	
		For Aluminum, Anodized Finish, Add	*449.02*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*70.38*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*309.67*	
08 36 13 00-0066	EA	12' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,756.27	407.49
		For Aluminum, Mill Finish, Add	*107.31*	
		For Aluminum, Anodized Finish, Add	*300.27*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*47.06*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*207.08*	
08 36 13 00-0067	EA	12' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,204.22	529.74
		For Aluminum, Mill Finish, Add	*130.50*	
		For Aluminum, Anodized Finish, Add	*365.18*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*57.24*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*251.85*	
08 36 13 00-0068	EA	12' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,692.00	651.98
		For Aluminum, Mill Finish, Add	*158.24*	
		For Aluminum, Anodized Finish, Add	*442.78*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*69.40*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*305.37*	
08 36 13 00-0069	EA	12' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,155.87	774.23
		For Aluminum, Mill Finish, Add	*183.25*	
		For Aluminum, Anodized Finish, Add	*512.77*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*80.37*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*353.63*	
08 36 13 00-0070	EA	12' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,829.40	937.22
		For Aluminum, Mill Finish, Add	*222.87*	
		For Aluminum, Anodized Finish, Add	*623.63*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*97.75*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*430.09*	
08 36 13 00-0071	EA	14' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,118.06	529.74
		For Aluminum, Mill Finish, Add	*120.68*	
		For Aluminum, Anodized Finish, Add	*337.69*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*52.93*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*232.89*	
08 36 13 00-0072	EA	14' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,623.22	651.98
		For Aluminum, Mill Finish, Add	*150.39*	
		For Aluminum, Anodized Finish, Add	*420.84*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*65.96*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*290.24*	
08 36 13 00-0073	EA	14' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,206.25	814.98
		For Aluminum, Mill Finish, Add	*179.70*	
		For Aluminum, Anodized Finish, Add	*502.84*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*78.81*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*346.78*	
08 36 13 00-0074	EA	14' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,762.79	937.22
		For Aluminum, Mill Finish, Add	*215.27*	
		For Aluminum, Anodized Finish, Add	*602.38*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*94.42*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*415.44*	
08 36 13 00-0075	EA	14' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,307.77	1,059.47
		For Aluminum, Mill Finish, Add	*249.53*	
		For Aluminum, Anodized Finish, Add	*698.24*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*109.44*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*481.54*	
08 36 13 00-0076	EA	16' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,548.64	651.98
		For Aluminum, Mill Finish, Add	*141.89*	
		For Aluminum, Anodized Finish, Add	*397.05*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*62.23*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*273.83*	
08 36 13 00-0077	EA	16' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,264.17	814.98
		For Aluminum, Mill Finish, Add	*186.30*	
		For Aluminum, Anodized Finish, Add	*521.31*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*81.71*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*359.53*	
08 36 13 00-0078	EA	16' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,801.89	937.22
		For Aluminum, Mill Finish, Add	*219.73*	
		For Aluminum, Anodized Finish, Add	*614.86*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*96.37*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*424.04*	
08 36 13 00-0079	EA	16' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,342.52	1,059.47
		For Aluminum, Mill Finish, Add	*253.49*	
		For Aluminum, Anodized Finish, Add	*709.32*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*111.18*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*489.19*	
08 36 13 00-0080	EA	16' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,114.55	1,222.46
		For Aluminum, Mill Finish, Add	*304.33*	
		For Aluminum, Anodized Finish, Add	*851.60*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*133.48*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*587.31*	
08 36 13 00-0081	EA	18' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,983.23	814.98
		For Aluminum, Mill Finish, Add	*154.27*	
		For Aluminum, Anodized Finish, Add	*431.69*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*67.66*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*297.72*	
08 36 13 00-0082	EA	18' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,647.66	937.22
		For Aluminum, Mill Finish, Add	*202.15*	
		For Aluminum, Anodized Finish, Add	*565.66*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*88.66*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*390.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0083	EA	18' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,215.09	1,059.47
		For Aluminum, Mill Finish, Add	*238.96*	
		For Aluminum, Anodized Finish, Add	*668.67*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*104.81*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*461.15*	
08 36 13 00-0084	EA	18' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,188.40	1,222.46
		For Aluminum, Mill Finish, Add	*312.75*	
		For Aluminum, Anodized Finish, Add	*875.16*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*137.17*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*603.56*	
08 36 13 00-0085	EA	18' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,716.40	1,385.46
		For Aluminum, Mill Finish, Add	*335.78*	
		For Aluminum, Anodized Finish, Add	*939.60*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*147.27*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*648.00*	
08 36 13 00-0086	EA	20' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,633.90	937.22
		For Aluminum, Mill Finish, Add	*200.58*	
		For Aluminum, Anodized Finish, Add	*561.27*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*87.97*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*387.08*	
08 36 13 00-0087	EA	20' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,246.95	1,059.47
		For Aluminum, Mill Finish, Add	*242.59*	
		For Aluminum, Anodized Finish, Add	*678.84*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*106.40*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*468.16*	
08 36 13 00-0088	EA	20' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,336.83	1,222.46
		For Aluminum, Mill Finish, Add	*329.67*	
		For Aluminum, Anodized Finish, Add	*922.51*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*144.59*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*636.21*	
08 36 13 00-0089	EA	20' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,848.90	1,385.46
		For Aluminum, Mill Finish, Add	*350.89*	
		For Aluminum, Anodized Finish, Add	*981.87*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*153.90*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*677.15*	
08 36 13 00-0090	EA	20' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,751.97	1,548.45
		For Aluminum, Mill Finish, Add	*416.67*	
		For Aluminum, Anodized Finish, Add	*1,165.95*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*182.75*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*804.11*	
08 36 13 00-0091	EA	22' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,008.73	1,059.47
		For Aluminum, Mill Finish, Add	*215.44*	
		For Aluminum, Anodized Finish, Add	*602.84*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*94.49*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*415.75*	
08 36 13 00-0092	EA	22' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,895.16	1,222.46
		For Aluminum, Mill Finish, Add	*279.32*	
		For Aluminum, Anodized Finish, Add	*781.62*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*122.51*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*539.05*	
08 36 13 00-0093	EA	22' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,769.26	1,385.46
		For Aluminum, Mill Finish, Add	*341.81*	
		For Aluminum, Anodized Finish, Add	*956.46*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*149.92*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*659.63*	
08 36 13 00-0094	EA	22' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,477.56	1,548.45
		For Aluminum, Mill Finish, Add	*385.39*	
		For Aluminum, Anodized Finish, Add	*1,078.42*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*169.03*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*743.74*	
08 36 13 00-0095	EA	22' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,351.63	1,711.46
		For Aluminum, Mill Finish, Add	*447.88*	
		For Aluminum, Anodized Finish, Add	*1,253.26*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*196.44*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*864.32*	
08 36 13 00-0096	EA	24' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,494.76	1,222.46
		For Aluminum, Mill Finish, Add	*233.68*	
		For Aluminum, Anodized Finish, Add	*653.89*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*102.49*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*450.96*	
08 36 13 00-0097	EA	24' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,461.54	1,385.46
		For Aluminum, Mill Finish, Add	*306.73*	
		For Aluminum, Anodized Finish, Add	*858.30*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*134.53*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*591.93*	
08 36 13 00-0098	EA	24' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,294.38	1,548.45
		For Aluminum, Mill Finish, Add	*364.51*	
		For Aluminum, Anodized Finish, Add	*1,019.98*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*159.87*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*703.44*	
08 36 13 00-0099	EA	24' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,169.90	1,711.46
		For Aluminum, Mill Finish, Add	*427.16*	
		For Aluminum, Anodized Finish, Add	*1,195.29*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*187.35*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*824.34*	
08 36 13 00-0100	EA	24' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,033.13	1,874.45
		For Aluminum, Mill Finish, Add	*488.40*	
		For Aluminum, Anodized Finish, Add	*1,366.67*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*214.21*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*942.53*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0101		Residential Grade, Galvanized Steel Sectional Overhead Doors *(08 36 13 00-0013)*		
		Note: Includes track and hardware. Excludes frame.		
08 36 13 00-0102	EA	9' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	898.91	162.99
		For Aluminum And Fiberglass, Add	*152.34*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*176.91*	
08 36 13 00-0103	EA	9' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	987.10	162.99
		For Aluminum And Fiberglass, Add	*179.68*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*208.66*	
08 36 13 00-0104	EA	16' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,277.86	186.47
		For Aluminum And Fiberglass, Add	*251.93*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*292.57*	
08 36 13 00-0105	EA	16' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,416.44	186.47
		For Aluminum And Fiberglass, Add	*294.89*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*342.46*	
08 36 13 00-0106		Remove And Reinstall Sectional Metal Overhead Doors And Supports *(08 36 13 00-0013)*		
		Note: Includes storage, cleaning and supply materials.		
08 36 13 00-0107	SF	Remove And Reinstall Sectional Metal Overhead Door And Supports	11.56	
08 36 13 00-0108		Sectional Fiberglass Overhead Doors *(08 36 13)*		
08 36 13 00-0109		Fiberglass Sectional Overhead Doors *(08 36 13 00-0108)*		
08 36 13 00-0110		Non-Insulated, Fiberglass Sectional Doors *(08 36 13 00-0109)*		
		Note: Includes 2" door, tracks and hardware. Excludes frame.		
08 36 13 00-0111	EA	8' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	1,399.27	285.24
08 36 13 00-0112	EA	8' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	1,651.07	325.99
08 36 13 00-0113	EA	8' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	1,970.81	407.49
08 36 13 00-0114	EA	10' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	1,634.71	325.99
08 36 13 00-0115	EA	10' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	1,932.87	366.74
08 36 13 00-0116	EA	10' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,451.24	509.36
08 36 13 00-0117	EA	10' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,971.86	651.98
08 36 13 00-0118	EA	12' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	1,947.64	407.49
08 36 13 00-0119	EA	12' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,441.70	509.36
08 36 13 00-0120	EA	12' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,930.07	611.23
08 36 13 00-0121	EA	12' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,621.32	814.98
08 36 13 00-0122	EA	12' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,234.27	977.98
08 36 13 00-0123	EA	14' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,423.38	570.49
08 36 13 00-0124	EA	14' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,914.62	651.98
08 36 13 00-0125	EA	14' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,572.25	814.98
08 36 13 00-0126	EA	14' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,228.82	977.98
08 36 13 00-0127	EA	14' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,724.00	1,059.47
08 36 13 00-0128	EA	16' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,755.15	651.98
08 36 13 00-0129	EA	16' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,278.28	733.48
08 36 13 00-0130	EA	16' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,972.97	896.48
08 36 13 00-0131	EA	16' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,659.93	1,059.47
08 36 13 00-0132	EA	16' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift	5,184.78	1,140.97
08 36 13 00-0133		Insulated, Fiberglass Sectional Doors *(08 36 13 00-0109)*		
		Note: Includes 2" door with polystyrene insulation, tracks and hardware. Excludes frame.		
08 36 13 00-0134	EA	8' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	1,672.74	285.24
08 36 13 00-0135	EA	8' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	1,980.76	325.99
08 36 13 00-0136	EA	8' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	2,352.24	407.49
08 36 13 00-0137	EA	10' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	1,959.01	325.99
08 36 13 00-0138	EA	10' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	2,328.69	366.74
08 36 13 00-0139	EA	10' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	2,923.98	509.36
08 36 13 00-0140	EA	10' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	3,522.41	651.98
08 36 13 00-0141	EA	12' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	2,321.42	407.49
08 36 13 00-0142	EA	12' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	2,911.29	509.36
08 36 13 00-0143	EA	12' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	3,493.66	611.23
08 36 13 00-0144	EA	12' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	4,278.47	814.98
08 36 13 00-0145	EA	12' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	4,986.33	977.98
08 36 13 00-0146	EA	14' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	2,846.64	570.49
08 36 13 00-0147	EA	14' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	3,446.27	651.98
08 36 13 00-0148	EA	14' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	4,213.20	814.98
08 36 13 00-0149	EA	14' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	4,979.08	977.98
08 36 13 00-0150	EA	14' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	5,584.00	1,059.47
08 36 13 00-0151	EA	16' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	3,234.18	651.98
08 36 13 00-0152	EA	16' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	3,876.06	733.48
08 36 13 00-0153	EA	16' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	4,692.19	896.48
08 36 13 00-0154	EA	16' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	5,498.80	1,059.47
08 36 13 00-0155	EA	16' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	6,142.84	1,140.97
08 36 13 00-0156		Sectional Overhead Door Accessories *(08 36 13)*		
08 36 13 00-0157		Sectional Overhead Door Accessories *(08 36 13 00-0156)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0158	LF	Molding, Draft Stop	2.65	
08 36 13 00-0159	LF	Weather Seal At Top Of Door	3.70	
08 36 13 00-0160	LF	Weather Strip At Door Bottom	2.29	
08 36 13 00-0161	EA	Cylinder Lock	203.67	
08 36 13 00-0162	EA	Operator, Electric, Chain Lift Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,260.75	
08 36 13 00-0163	SF	Up To 2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing Note: Additional cost for factory supplied.	18.31	
08 36 13 00-0164	SF	>2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing Note: Additional cost for factory supplied.	11.42	
08 36 13 00-0165	SF	Up To 2 SF Per Window 1/8" Plexiglass Glazing Note: Additional cost for factory supplied.	19.14	
08 36 13 00-0166	SF	>2 SF Per Window 1/8" Plexiglass Glazing Note: Additional cost for factory supplied.	13.05	
08 36 13 00-0167	SF	Up To 2 SF Per Window 3/4" Insulated Glazing Note: Additional cost for factory supplied.	30.79	
08 36 13 00-0168	SF	>2 SF Per Window 3/4" Insulated Glazing Note: Additional cost for factory supplied.	20.78	
08 36 13 00-0169	EA	Vertical Lift Track For Sectional Doors Up To 12' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	327.41	
08 36 13 00-0170	EA	Vertical Lift Track For Sectional Doors >12' To 16' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	507.30	
08 36 13 00-0171	EA	Vertical Lift Track For Sectional Doors >16' To 20' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	768.02	
08 36 13 00-0172	SF	25,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Door Note: Additional cost for factory supplied/installed spring. Per SF of Door.	0.79	
08 36 13 00-0173	SF	50,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Door Note: Additional cost for factory supplied/installed spring. Per SF of Door.	1.02	
08 36 13 00-0174	SF	100,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Door Note: Additional cost for factory supplied/installed spring. Per SF of Door.	1.35	

08 38 Traffic Doors *(08 30)*

08 38 13 Flexible Strip Doors *(08 38)*

08 38 13 00-0001 Clear PVC Strip Doors *(08 38 13)*

08 38 13 00-0002	SF	8" Smooth Strip, 0.080" Thick, 50% Overlap, Clear PVC Strip Door	7.63	4.08
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*0.36*	
		For Ribbed Strip Material, Add	*0.75*	
08 38 13 00-0003	SF	8" Smooth Strip, 0.080" Thick, 100% Overlap, Clear PVC Strip Door	9.48	4.48
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*0.50*	
		For Ribbed Strip Material, Add	*1.05*	
08 38 13 00-0004	SF	12" Smooth Strip, 0.120" Thick, 66% Overlap, Clear PVC Strip Door	8.55	4.08
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*0.45*	
		For Ribbed Strip Material, Add	*0.94*	
08 38 13 00-0005	SF	12" Smooth Strip, 0.120" Thick, 100% Overlap, Clear PVC Strip Door	10.09	4.48
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*0.56*	
		For Ribbed Strip Material, Add	*1.18*	
08 38 13 00-0006	SF	16" Smooth Strip, 0.160" Thick, 75% Overlap, Clear PVC Strip Door	9.76	4.08
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*0.57*	
		For Ribbed Strip Material, Add	*1.19*	

08 38 13 00-0007 Clear PVC Replacement Strips *(08 38 13)*

08 38 13 00-0008	EA	8" Smooth Strip, 0.080" Thick, 7' Long, Replacement Strip	19.50	8.15
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.14*	
		For Ribbed Strip Material, Add	*2.38*	
08 38 13 00-0009	EA	8" Smooth Strip, 0.080" Thick, 8' Long, Replacement Strip	21.21	8.15
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.31*	
		For Ribbed Strip Material, Add	*2.74*	
08 38 13 00-0010	EA	12" Smooth Strip, 0.120" Thick, 8' Long, Replacement Strip	37.76	8.15
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*2.96*	
		For Ribbed Strip Material, Add	*6.22*	
08 38 13 00-0011	EA	12" Smooth Strip, 0.120" Thick, 10' Long, Replacement Strip	44.94	8.15
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*3.68*	
		For Ribbed Strip Material, Add	*7.73*	
08 38 13 00-0012	EA	12" Smooth Strip, 0.120" Thick, 12' Long, Replacement Strip	52.37	8.15
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*4.42*	
		For Ribbed Strip Material, Add	*9.29*	
08 38 13 00-0013	EA	16" Smooth Strip, 0.160" Thick, 15' Long, Replacement Strip	84.75	8.15
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*7.66*	
		For Ribbed Strip Material, Add	*16.09*	

08 38 16 Flexible Traffic Doors *(08 38)*

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 16 00-0001		0.160" Thick, Clear PVC Flexible Impact Traffic Doors (TMI Mega-Pro) *(08 38 16)*		
08 38 16 00-0002		Double Door, 0.160" Thick, Clear PVC Flexible Impact Traffic Doors *(08 38 16 00-0001)*		
08 38 16 00-0003		Double Door, 0.160" Thick, Clear PVC Flexible Impact Traffic Doors *(08 38 16 00-0002)*		
08 38 16 00-0004	EA	72" x 84" Opening, Double Door, 0.160" Thick, Clear PVC Flexible Impact Traffic Door	1,242.06	81.50
08 38 16 00-0005	EA	72" x 96" Opening, Double Door, 0.160" Thick, Clear PVC Flexible Impact Traffic Door	1,334.81	81.50
08 38 16 00-0006	EA	96" x 96" Opening, Double Door, 0.160" Thick, Clear PVC Flexible Impact Traffic Door	2,689.92	93.72
08 38 16 00-0007	EA	96" x 120" Opening, Double Door, 0.160" Thick, Clear PVC Flexible Impact Traffic Door	3,014.74	101.88
08 38 16 00-0008	EA	108" x 108" Opening, Double Door, 0.160" Thick, Clear PVC Flexible Impact Traffic Door	4,619.95	101.88
08 38 16 00-0009	EA	108" x 120" Opening, Double Door, 0.160" Thick, Clear PVC Flexible Impact Traffic Door	4,827.61	101.88
08 38 16 00-0010	EA	120" x 120" Opening, Double Door, 0.160" Thick, Clear PVC Flexible Impact Traffic Door	5,383.68	122.25
08 38 16 00-0011		Double Door With Impact Plate, 0.160" Thick, Clear PVC Flexible Impact Traffic Doors *(08 38 16 00-0002)*		
08 38 16 00-0012	EA	72" x 84" Opening, Double Door With Impact Plate, 0.160" Thick, Clear PVC Flexible Impact Traffic Door	1,371.19	81.50
08 38 16 00-0013	EA	72" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear PVC Flexible Impact Traffic Door	1,474.48	81.50
08 38 16 00-0014	EA	96" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear PVC Flexible Impact Traffic Door	3,165.57	93.72
08 38 16 00-0015	EA	96" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear PVC Flexible Impact Traffic Door	3,488.27	101.88
08 38 16 00-0016	EA	108" x 108" Opening, Double Door With Impact Plate, 0.160" Thick, Clear PVC Flexible Impact Traffic Door	5,163.03	101.88
08 38 16 00-0017	EA	108" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear PVC Flexible Impact Traffic Door	5,374.26	101.88
08 38 16 00-0018	EA	120" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear PVC Flexible Impact Traffic Door	5,991.84	122.25
08 38 16 00-0019		0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (Eliason FMP) *(08 38 16)* Note: Includes pebble embossed finish and a 14" x 16" vinyl window.		
08 38 16 00-0020		Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)*		
08 38 16 00-0021		84" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)*		
08 38 16 00-0022	EA	24" To 36" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	627.00	44.82
08 38 16 00-0023	EA	40" To 44" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	672.27	44.82
08 38 16 00-0024		96" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)*		
08 38 16 00-0025	EA	24" To 36" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	672.27	44.82
08 38 16 00-0026	EA	40" To 44" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	685.03	44.82
08 38 16 00-0027		Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)*		
08 38 16 00-0028		84" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)*		
08 38 16 00-0029	EA	48" To 72" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,229.54	77.43
08 38 16 00-0030	EA	80" To 88" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,320.07	77.43
08 38 16 00-0031		96" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)*		
08 38 16 00-0032	EA	48" To 72" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,320.07	77.43
08 38 16 00-0033	EA	80" To 88" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,345.61	77.43

08 38 19 Rigid Traffic Doors *(08 38)*

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 19 00-0001		0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (Eliason LWP-3) *(08 38 19)* Note: Includes delta formed vertical edges and a 9" x 14" acrylic window.		
08 38 19 00-0002		Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)*		
08 38 19 00-0003		84" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)*		
08 38 19 00-0004	EA	24" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	331.05	44.82
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0005	EA	28" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	351.94	44.82
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0006	EA	30" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	364.14	46.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0007	EA	32" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	376.91	46.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0008	EA	36" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	393.77	48.90
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0009	EA	40" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	421.62	48.90
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0010	EA	42" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	441.94	55.01
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0011 96" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)*

08 38 19 00-0012	EA	24" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	367.03	44.82
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0013	EA	28" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	383.27	44.82
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0014	EA	30" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	396.64	46.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0015	EA	32" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	405.92	46.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0016	EA	36" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	441.35	48.90
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0017	EA	40" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	448.31	48.90
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0018	EA	42" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	467.48	55.01
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0019 Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)*

08 38 19 00-0020 84" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*

08 38 19 00-0021	EA	48" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	637.63	77.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0022	EA	56" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	679.42	77.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0023	EA	60" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	695.66	77.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0024	EA	64" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	721.20	77.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0025	EA	72" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	754.90	81.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0026	EA	80" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	810.61	81.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0027	EA	84" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	826.86	81.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0028 96" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*

08 38 19 00-0029	EA	48" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	709.59	77.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0030	EA	56" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	742.09	77.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0031	EA	60" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	760.66	77.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0032	EA	64" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	779.23	77.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0033	EA	72" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	850.07	81.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0034	EA	80" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	864.00	81.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0035	EA	84" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	877.93	81.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0036 3/4" Thick, Polymer Cell Core Impact Traffic Doors (Eliason P-11 Plus) *(08 38 19)*

Note: Includes 0.125" thick thermoplastic exterior finish, 14 gauge back channel and a 14" x 16" acrylic window.

08 38 19 00-0037 Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)*

08 38 19 00-0038 84" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0037)*

08 38 19 00-0039	EA	24" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	544.60	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0040	EA	28" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	599.15	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0041	EA	30" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	625.28	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0042	EA	32" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	648.49	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0043	EA	36" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	659.55	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0044	EA	40" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	707.13	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0045	EA	42" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	762.27	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0046	EA	44" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	770.40	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0047 96" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0037)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0048	EA	24" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	591.02	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0049	EA	28" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	647.89	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0050	EA	30" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	674.02	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0051	EA	32" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	703.04	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0052	EA	36" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	728.02	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0053	EA	40" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	774.45	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0054	EA	42" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	805.22	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0055	EA	44" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	834.23	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0056 Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)*

08 38 19 00-0057 84" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)*

08 38 19 00-0058	EA	48" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,064.74	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0059	EA	56" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,173.84	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0060	EA	60" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,217.94	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0061	EA	64" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,264.36	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0062	EA	72" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,286.46	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0063	EA	80" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,381.63	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0064	EA	84" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,467.52	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0065	EA	88" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,483.76	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0066 96" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)*

08 38 19 00-0067	EA	48" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,157.59	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0068	EA	56" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,271.33	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0069	EA	60" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,315.43	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0070	EA	64" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,373.46	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0071	EA	72" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,423.41	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0072	EA	80" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,516.26	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0073	EA	84" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,553.40	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0074	EA	88" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,611.43	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0075 3/4" Thick, Double Ply ABS Impact Traffic Doors (Eliason PMP-2) *(08 38 19)*
Note: Includes textured finish, 16 gauge back channel and a 14" x 16" window.

08 38 19 00-0076 Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Doors *(08 38 19 00-0075)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0077		84" Height, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Doors *(08 38 19 00-0076)*		
08 38 19 00-0078	EA	24" x 84" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	572.45	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0079	EA	28" x 84" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	642.09	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0080	EA	30" x 84" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	664.74	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0081	EA	32" x 84" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	671.70	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0082	EA	36" x 84" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	682.76	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0083	EA	40" x 84" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	747.75	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0084	EA	42" x 84" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	813.34	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0085	EA	44" x 84" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	821.46	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0086		96" Height, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Doors *(08 38 19 00-0076)*		
08 38 19 00-0087	EA	24" x 96" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	587.54	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0088	EA	28" x 96" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	673.43	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0089	EA	30" x 96" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	697.24	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0090	EA	32" x 96" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	706.52	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0091	EA	36" x 96" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	712.93	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0092	EA	40" x 96" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	760.52	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0093	EA	42" x 96" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	824.95	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0094	EA	44" x 96" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	834.23	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0095		Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Doors *(08 38 19 00-0075)*		
08 38 19 00-0096		84" Height, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Doors *(08 38 19 00-0095)*		
08 38 19 00-0097	EA	48" x 84" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,120.45	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0098	EA	56" x 84" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,259.72	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0099	EA	60" x 84" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,296.86	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0100	EA	64" x 84" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,310.79	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0101	EA	72" x 84" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,332.88	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0102	EA	80" x 84" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,462.87	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0103	EA	84" x 84" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,569.65	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0104	EA	88" x 84" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,585.90	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0105		96" Height, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Doors *(08 38 19 00-0095)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0106	EA	48" x 96" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,150.62	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0107	EA	56" x 96" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,322.39	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0108	EA	60" x 96" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,361.85	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0109	EA	64" x 96" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,380.42	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0110	EA	72" x 96" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,393.24	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0111	EA	80" x 96" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,488.41	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0112	EA	84" x 96" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,592.86	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0113	EA	88" x 96" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,611.43	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0114 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (Eliason SCP-2) *(08 38 19)*

Note: Includes 0.032" tempered aluminum alloy top panel, 48" high 16 gauge stainless steel front and galvanized back base plate, 14 gauge galvanized steel back channel and a 9" x 14" window.

08 38 19 00-0115 Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*

08 38 19 00-0116 84" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*

08 38 19 00-0117	EA	24" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	711.73	44.82
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0118	EA	28" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	773.24	44.82
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0119	EA	30" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	793.57	46.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0120	EA	32" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	808.66	46.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0121	EA	36" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	838.28	48.90
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0122	EA	40" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	867.29	48.90
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0123	EA	42" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	902.71	55.01
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0124	EA	44" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	922.44	55.01
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0125 96" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*

08 38 19 00-0126	EA	24" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	763.95	44.82
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0127	EA	28" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	828.95	44.82
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0128	EA	30" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	850.44	46.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0129	EA	32" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	858.56	46.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0130	EA	36" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	885.86	48.90
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0131	EA	40" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	924.16	48.90
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0132	EA	42" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	954.93	55.01
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0133	EA	44" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	974.66	55.01
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0134 Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*

08 38 19 00-0135 84" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*

08 38 19 00-0136	EA	48" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,398.99	77.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0137	EA	56" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,522.02	77.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0138	EA	60" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,554.52	77.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0139	EA	64" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,584.69	77.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0140	EA	72" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,643.93	81.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0141	EA	80" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,701.96	81.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0142	EA	84" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,748.38	81.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0143	EA	88" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,787.84	81.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0144 96" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*

08 38 19 00-0145	EA	48" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,503.45	77.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0146	EA	56" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,633.44	77.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0147	EA	60" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,668.26	77.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0148	EA	64" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,684.50	77.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0149	EA	72" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,739.10	81.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0150	EA	80" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,815.70	81.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0151	EA	84" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,852.84	81.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0152	EA	88" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,892.30	81.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0153 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (Eliason HCP-10) *(08 38 19)*

Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window and 18" high easy spring bumpers.

08 38 19 00-0154 Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*

08 38 19 00-0155 84" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*

08 38 19 00-0156	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	700.12	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0157	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	733.78	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0158	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	768.03	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0159	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	787.76	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0160	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	840.60	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0161	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	880.06	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0162	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	923.60	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0163	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	960.74	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0164 90" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*

08 38 19 00-0165	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	723.33	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0166	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	763.95	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0167	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	787.76	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0168	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	815.62	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0169	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	871.94	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0170	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	919.52	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0171	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	960.74	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0172	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	995.56	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0173 96" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*

08 38 19 00-0174	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	782.52	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0175	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	790.65	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0176	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	828.39	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0177	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	853.92	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0178	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	911.40	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0179	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	968.27	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0180	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,007.16	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0181	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,041.98	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0182 Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*

08 38 19 00-0183 84" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*

08 38 19 00-0184	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,375.78	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0185	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,443.10	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0186	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,503.45	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0187	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,542.91	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0188	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,648.57	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0189	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,727.49	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0190	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,790.17	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0191	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,864.44	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0192 90" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*

08 38 19 00-0193	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,422.21	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0194	EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,503.45	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0195	EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,542.91	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0196	EA	64" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,598.62	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0197	EA	72" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,711.24	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0198	EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,806.41	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0199	EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,864.44	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0200	EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,934.08	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0201 96" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*

08 38 19 00-0202	EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,540.59	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0203	EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,556.84	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0204	EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,624.15	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0205	EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,675.22	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0206	EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,790.17	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0207	EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,903.91	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0208	EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,957.29	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0209	EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,026.93	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0210 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (Eliason HFG-10) *(08 38 19)*

Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window, 18" high easy spring bumpers, and perimeter gasketing.

08 38 19 00-0211 Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)*

08 38 19 00-0212 84" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*

08 38 19 00-0213	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	700.12	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0214	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	733.78	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0215	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	768.03	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0216	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	787.76	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0217	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	840.60	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0218	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	880.06	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0219	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	923.60	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0220	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	960.74	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0221 90" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*

08 38 19 00-0222	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	723.33	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0223	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	763.95	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0224	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	787.76	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0225	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	815.62	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0226	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	871.94	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0227	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	919.52	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0228	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	960.74	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0229	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	995.56	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0230 96" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*

08 38 19 00-0231	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	782.52	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0232	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	790.65	44.82
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0233	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	828.39	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0234	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	853.92	46.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0235	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	911.40	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0236	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	968.27	48.90
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0237	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,007.16	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0238	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,041.98	55.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0239 Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)*

08 38 19 00-0240 84" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

08 38 19 00-0241	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,375.78	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0242	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,443.10	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0243	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,503.45	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0244	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,542.91	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0245	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,648.57	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0246	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,727.49	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0247	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,790.17	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0248	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,864.44	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0249 90" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

08 38 19 00-0250	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,422.21	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0251	EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,503.45	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0252	EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,542.91	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0253	EA	64" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,598.62	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0254	EA	72" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,711.24	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0255	EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,806.41	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0256	EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,864.44	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0257	EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,934.08	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0258 96" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

08 38 19 00-0259	EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,540.59	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0260	EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,556.84	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0261	EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,624.15	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0262	EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,675.22	77.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0263	EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,790.17	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0264	EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,903.91	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0265	EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,957.29	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0266	EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,026.93	81.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0267 Rigid Impact Traffic Door Accessories *(08 38 19)*

08 38 19 00-0268 Bumper Strips For Impact Traffic Doors *(08 38 19 00-0267)*

Note: Includes two bumpers per set.

08 38 19 00-0269	SET	24" Wide, Bumper Strips For Impact Traffic Doors	75.54	32.60
08 38 19 00-0270	SET	30" Wide, Bumper Strips For Impact Traffic Doors	81.35	32.60
08 38 19 00-0271	SET	36" Wide, Bumper Strips For Impact Traffic Doors	85.99	32.60
08 38 19 00-0272	SET	48" Wide, Bumper Strips For Impact Traffic Doors	94.11	32.60

08 38 19 00-0273 Easy Spring Bumpers For Impact Traffic Doors *(08 38 19 00-0267)*

Note: Includes two bumpers per set.

08 38 19 00-0274	SET	18" Height, Easy Spring Bumpers For Impact Traffic Doors	169.55	32.60
08 38 19 00-0275	SET	24" Height, Easy Spring Bumpers For Impact Traffic Doors	218.30	32.60
08 38 19 00-0276	SET	36" Height, Easy Spring Bumpers For Impact Traffic Doors	312.31	32.60
08 38 19 00-0277	SET	42" Height, Easy Spring Bumpers For Impact Traffic Doors	357.57	32.60
08 38 19 00-0278	SET	48" Height, Easy Spring Bumpers For Impact Traffic Doors	404.00	32.60

08 38 19 00-0279 Scuff Plates For Impact Traffic Doors *(08 38 19 00-0267)*

Note: Includes two 0.090" thermoplastic plates per set.

08 38 19 00-0280 12" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*

08 38 19 00-0281	SET	24" Wide x 12" High, Impact Traffic Door Scuff Plates	85.99	32.60
08 38 19 00-0282	SET	30" Wide x 12" High, Impact Traffic Door Scuff Plates	90.63	32.60
08 38 19 00-0283	SET	36" Wide x 12" High, Impact Traffic Door Scuff Plates	96.43	32.60
08 38 19 00-0284	SET	42" Wide x 12" High, Impact Traffic Door Scuff Plates	104.56	32.60
08 38 19 00-0285	SET	48" Wide x 12" High, Impact Traffic Door Scuff Plates	109.20	32.60

08 38 19 00-0286 24" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*

08 38 19 00-0287	SET	24" Wide x 24" High, Impact Traffic Door Scuff Plates	109.20	32.60
08 38 19 00-0288	SET	30" Wide x 24" High, Impact Traffic Door Scuff Plates	130.09	32.60
08 38 19 00-0289	SET	36" Wide x 24" High, Impact Traffic Door Scuff Plates	141.70	32.60
08 38 19 00-0290	SET	42" Wide x 24" High, Impact Traffic Door Scuff Plates	157.95	32.60
08 38 19 00-0291	SET	48" Wide x 24" High, Impact Traffic Door Scuff Plates	168.39	32.60

08 38 19 00-0292 30" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*

08 38 19 00-0293	SET	24" Wide x 30" High, Impact Traffic Door Scuff Plates	130.09	32.60
08 38 19 00-0294	SET	30" Wide x 30" High, Impact Traffic Door Scuff Plates	148.66	32.60
08 38 19 00-0295	SET	36" Wide x 30" High, Impact Traffic Door Scuff Plates	162.59	32.60
08 38 19 00-0296	SET	42" Wide x 30" High, Impact Traffic Door Scuff Plates	188.12	32.60
08 38 19 00-0297	SET	48" Wide x 30" High, Impact Traffic Door Scuff Plates	205.53	32.60

08 38 19 00-0298 36" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*

08 38 19 00-0299	SET	24" Wide x 36" High, Impact Traffic Door Scuff Plates	141.70	32.60
08 38 19 00-0300	SET	30" Wide x 36" High, Impact Traffic Door Scuff Plates	162.59	32.60
08 38 19 00-0301	SET	36" Wide x 36" High, Impact Traffic Door Scuff Plates	185.80	32.60
08 38 19 00-0302	SET	42" Wide x 36" High, Impact Traffic Door Scuff Plates	198.57	32.60
08 38 19 00-0303	SET	48" Wide x 36" High, Impact Traffic Door Scuff Plates	218.30	32.60

08 38 19 00-0304 48" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*

08 38 19 00-0305	SET	24" Wide x 48" High, Impact Traffic Door Scuff Plates	168.39	32.60
08 38 19 00-0306	SET	30" Wide x 48" High, Impact Traffic Door Scuff Plates	205.53	32.60
08 38 19 00-0307	SET	36" Wide x 48" High, Impact Traffic Door Scuff Plates	218.30	32.60
08 38 19 00-0308	SET	42" Wide x 48" High, Impact Traffic Door Scuff Plates	242.67	32.60
08 38 19 00-0309	SET	48" Wide x 48" High, Impact Traffic Door Scuff Plates	269.36	32.60

08 38 19 00-0310 Base Plates For Impact Traffic Doors *(08 38 19 00-0267)*

Note: Includes two base plates per set.

08 38 19 00-0311 Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*

08 38 19 00-0312 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*

08 38 19 00-0313	SET	24" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	83.67	32.60
08 38 19 00-0314	SET	30" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	88.31	32.60
08 38 19 00-0315	SET	36" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	90.63	32.60
08 38 19 00-0316	SET	42" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	101.08	32.60
08 38 19 00-0317	SET	48" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	105.72	32.60

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0318		24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0319	SET	24" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	101.08	32.60
08 38 19 00-0320	SET	30" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	108.04	32.60
08 38 19 00-0321	SET	36" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	115.00	32.60
08 38 19 00-0322	SET	42" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	120.81	32.60
08 38 19 00-0323	SET	48" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	130.09	32.60
08 38 19 00-0324		30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0325	SET	24" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	112.68	32.60
08 38 19 00-0326	SET	30" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	118.49	32.60
08 38 19 00-0327	SET	36" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	132.41	32.60
08 38 19 00-0328	SET	42" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	147.50	32.60
08 38 19 00-0329	SET	48" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	154.46	32.60
08 38 19 00-0330		36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0331	SET	24" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	118.49	32.60
08 38 19 00-0332	SET	30" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	130.09	32.60
08 38 19 00-0333	SET	36" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	147.50	32.60
08 38 19 00-0334	SET	42" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	161.43	32.60
08 38 19 00-0335	SET	48" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	169.55	32.60
08 38 19 00-0336		48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0337	SET	24" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	145.18	32.60
08 38 19 00-0338	SET	30" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	161.43	32.60
08 38 19 00-0339	SET	36" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	183.48	32.60
08 38 19 00-0340	SET	42" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	193.92	32.60
08 38 19 00-0341	SET	48" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	207.85	32.60
08 38 19 00-0342		Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0343		12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0344	SET	24" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	104.56	32.60
08 38 19 00-0345	SET	30" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	109.20	32.60
08 38 19 00-0346	SET	36" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	123.13	32.60
08 38 19 00-0347	SET	42" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	130.09	32.60
08 38 19 00-0348	SET	48" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	149.82	32.60
08 38 19 00-0349		24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0350	SET	24" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	137.05	32.60
08 38 19 00-0351	SET	30" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	157.95	32.60
08 38 19 00-0352	SET	36" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	178.84	32.60
08 38 19 00-0353	SET	42" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	204.37	32.60
08 38 19 00-0354	SET	48" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	227.58	32.60
08 38 19 00-0355		30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0356	SET	24" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	153.30	32.60
08 38 19 00-0357	SET	30" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	181.16	32.60
08 38 19 00-0358	SET	36" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	206.69	32.60
08 38 19 00-0359	SET	42" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	233.39	32.60
08 38 19 00-0360	SET	48" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	264.72	32.60
08 38 19 00-0361		36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0362	SET	24" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	174.19	32.60
08 38 19 00-0363	SET	30" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	204.37	32.60
08 38 19 00-0364	SET	36" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	239.19	32.60
08 38 19 00-0365	SET	42" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	272.85	32.60
08 38 19 00-0366	SET	48" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	301.86	32.60
08 38 19 00-0367		48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0368	SET	24" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	211.33	32.60
08 38 19 00-0369	SET	30" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	283.29	32.60
08 38 19 00-0370	SET	36" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	301.86	32.60
08 38 19 00-0371	SET	42" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	357.57	32.60
08 38 19 00-0372	SET	48" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	390.07	32.60
08 38 19 00-0373		One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0374		12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0375	SET	24" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	95.27	32.60
08 38 19 00-0376	SET	30" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	101.08	32.60
08 38 19 00-0377	SET	36" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	108.04	32.60
08 38 19 00-0378	SET	42" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	116.16	32.60
08 38 19 00-0379	SET	48" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	128.93	32.60
08 38 19 00-0380		24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0381	SET	24" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	120.81	32.60
08 38 19 00-0382	SET	30" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	134.73	32.60
08 38 19 00-0383	SET	36" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	148.66	32.60
08 38 19 00-0384	SET	42" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	163.75	32.60
08 38 19 00-0385	SET	48" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	181.16	32.60
08 38 19 00-0386		30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0387	SET	24" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	134.73	32.60
08 38 19 00-0388	SET	30" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	152.14	32.60
08 38 19 00-0389	SET	36" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	171.87	32.60
08 38 19 00-0390	SET	42" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	196.25	32.60
08 38 19 00-0391	SET	48" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	212.49	32.60
08 38 19 00-0392		36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0393	SET	24" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	148.66	32.60
08 38 19 00-0394	SET	30" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	171.87	32.60
08 38 19 00-0395	SET	36" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	196.25	32.60
08 38 19 00-0396	SET	42" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	220.62	32.60
08 38 19 00-0397	SET	48" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	238.03	32.60
08 38 19 00-0398		48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0399	SET	24" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	181.16	32.60
08 38 19 00-0400	SET	30" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	217.14	32.60
08 38 19 00-0401	SET	36" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	238.03	32.60
08 38 19 00-0402	SET	42" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	279.81	32.60
08 38 19 00-0403	SET	48" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	291.42	32.60
08 38 19 00-0404		Jamb Guards For Impact Traffic Doors *(08 38 19 00-0267)*		
08 38 19 00-0405	EA	3" x 9", Jamb Guard For Impact Traffic Doors	127.80	40.75
08 38 19 00-0406	EA	5" x 18", Jamb Guard For Impact Traffic Doors	162.61	40.75
08 38 19 00-0407	EA	5" x 18", Stainless Steel Jamb Guard For Impact Traffic Doors	290.28	40.75
08 38 19 00-0408		Other Impact Traffic Door Accessories *(08 38 19 00-0267)*		
08 38 19 00-0409	EA	Push Plate For Impact Traffic Doors	38.94	20.37
08 38 19 00-0410	EA	Pull Handle For Impact Traffic Doors	47.06	20.37
08 38 19 00-0411	EA	Deadbolt Lock For Impact Traffic Doors	96.97	20.37
08 38 19 00-0412	PR	Lock Hole Reinforcements For Impact Traffic Doors	117.86	20.37
08 38 19 00-0413	PR	Padlock Brackets For Impact Traffic Doors	55.19	20.37
08 38 19 00-0414		Impact Traffic Door Knock Down Frames *(08 38 19)*		
		Note: Frames are 16 gauge galvanized steel with reinforcement at hardware locations.		
08 38 19 00-0415		Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0414)*		
08 38 19 00-0416		84" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)*		
08 38 19 00-0417	EA	24" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	329.55	61.12
08 38 19 00-0418	EA	28" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	381.25	67.24
08 38 19 00-0419	EA	30" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	393.34	71.31
08 38 19 00-0420	EA	32" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	409.01	77.43
08 38 19 00-0421	EA	36" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	421.61	81.50
08 38 19 00-0422	EA	40" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	440.41	85.57
08 38 19 00-0423	EA	42" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	455.68	89.65
08 38 19 00-0424	EA	44" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	467.73	93.72
08 38 19 00-0425		90" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)*		
08 38 19 00-0426	EA	24" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	334.72	61.12
08 38 19 00-0427	EA	28" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	387.41	67.24
08 38 19 00-0428	EA	30" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	399.61	71.31
08 38 19 00-0429	EA	32" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	415.37	77.43
08 38 19 00-0430	EA	36" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	428.07	81.50
08 38 19 00-0431	EA	40" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	447.14	85.57
08 38 19 00-0432	EA	42" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	462.58	89.65
08 38 19 00-0433	EA	44" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	474.74	93.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0434		96" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)*		
08 38 19 00-0435	EA	24" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	341.61	61.12
08 38 19 00-0436	EA	28" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	395.61	67.24
08 38 19 00-0437	EA	30" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	407.94	71.31
08 38 19 00-0438	EA	32" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	421.77	77.43
08 38 19 00-0439	EA	36" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	436.66	81.50
08 38 19 00-0440	EA	40" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	453.87	85.57
08 38 19 00-0441	EA	42" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	471.76	89.65
08 38 19 00-0442	EA	44" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	484.56	91.69
08 38 19 00-0443		Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0414)*		
08 38 19 00-0444		84" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0445	EA	48" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	473.70	93.72
08 38 19 00-0446	EA	56" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	483.19	95.35
08 38 19 00-0447	EA	60" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	491.73	97.80
08 38 19 00-0448	EA	64" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	506.54	101.88
08 38 19 00-0449	EA	72" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	517.88	105.95
08 38 19 00-0450	EA	80" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	531.59	106.76
08 38 19 00-0451	EA	84" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	541.71	107.99
08 38 19 00-0452	EA	88" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	554.69	110.02
08 38 19 00-0453		90" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0454	EA	48" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	480.85	93.72
08 38 19 00-0455	EA	56" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	490.44	95.35
08 38 19 00-0456	EA	60" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	499.13	97.80
08 38 19 00-0457	EA	64" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	514.11	101.88
08 38 19 00-0458	EA	72" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	525.54	105.95
08 38 19 00-0459	EA	80" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	539.54	106.76
08 38 19 00-0460	EA	84" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	549.85	107.99
08 38 19 00-0461	EA	88" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	563.06	110.02
08 38 19 00-0462		96" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0463	EA	48" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	489.20	93.72
08 38 19 00-0464	EA	56" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	497.68	95.35
08 38 19 00-0465	EA	60" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	508.96	97.80
08 38 19 00-0466	EA	64" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	521.68	101.88
08 38 19 00-0467	EA	72" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	535.70	105.95
08 38 19 00-0468	EA	80" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	551.26	106.76
08 38 19 00-0469	EA	84" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	560.67	107.99
08 38 19 00-0470	EA	88" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	575.09	110.02

08 40 Entrances, Storefronts, And Curtain Walls *(08)*

08 41 Entrances And Storefronts *(08 40)*

08 41 13 Aluminum-Framed Entrances And Storefronts *(08 41)*

08 41 13 00-0001		Aluminum Framed Entrance Doors *(08 41 13)* Note: Includes frame, trim, necessary anchors, tempered glass, standard hardware (hinges, pull handle, push plate, threshold, door sweep) and prepared for panic device. Fixed doors mullion (on pairs). Excludes exit device and closer. Special-Lite. See CSI section 08 71 16 00-2056 for exit device, 08 71 16 00-2139 for closer.		
08 41 13 00-0002	EA	3' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14)	2,542.12	578.48
		For 8' High Door, Add	*192.61*	
		For 10' High Door, Add	*418.71*	
		For 1" Insulated Glazing, Add	*28.49*	
08 41 13 00-0003	EA	3'-6" x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14)	2,552.98	578.48
		For 8' High Door, Add	*193.86*	
		For 10' High Door, Add	*421.43*	
		For 1" Insulated Glazing, Add	*28.49*	
08 41 13 00-0004	PR	6' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14)	4,200.30	867.55
		For 8' High Door, Add	*333.73*	
		For 10' High Door, Add	*725.49*	
		For 1" Insulated Glazing, Add	*56.97*	
08 41 13 00-0005	PR	7' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14)	4,734.26	867.55
		For 8' High Door, Add	*395.13*	
		For 10' High Door, Add	*858.98*	
		For 1" Insulated Glazing, Add	*56.97*	
08 41 13 00-0006	EA	3' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15)	2,770.03	578.48
		For 8' High Door, Add	*218.82*	
		For 10' High Door, Add	*475.69*	
		For 1" Insulated Glazing, Add	*28.49*	
08 41 13 00-0007	EA	3'-6" x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15)	2,794.99	578.48
		For 8' High Door, Add	*221.69*	
		For 10' High Door, Add	*481.93*	
		For 1" Insulated Glazing, Add	*28.49*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 41 13 00-0008	PR	6' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15)	4,631.16	867.55
		For 8' High Door, Add	*383.28*	
		For 10' High Door, Add	*833.21*	
		For 1" Insulated Glazing, Add	*56.97*	
08 41 13 00-0009	PR	7' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15)	5,152.54	867.55
		For 8' High Door, Add	*443.23*	
		For 10' High Door, Add	*963.55*	
		For 1" Insulated Glazing, Add	*56.97*	

08 42 Entrances *(08 40)*

08 42 26 All-Glass Entrances *(08 42)*

08 42 26 00-0001 Full Glass Entrance Doors *(08 42 26)*

Note: Includes trim, necessary anchors, tempered glass, and standard hardware (hinges, handle, push plate, lock, closer). Excludes panic devices.

08 42 26 00-0002	EA	3' x 7' x 1/2" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware	2,978.66	216.82
		For Anodized Color, Add	*380.05*	
		For Stainless Steel, Add	*1,372.40*	
		For 8' High Door, Add	*242.81*	
		For 10' High Door, Add	*527.85*	
		For 1" Insulated Glazing, Add	*28.49*	
08 42 26 00-0003	PR	6' x 7' x 1/2" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 1/2")	5,225.52	260.19
		For Anodized Color, Add	*717.58*	
		For Stainless Steel, Add	*2,591.25*	
		For 8' High Door, Add	*458.45*	
		For 10' High Door, Add	*996.64*	
		For 1" Insulated Glazing, Add	*56.97*	
08 42 26 00-0004	EA	3' x 7' x 5/8" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware	3,359.03	216.82
		For Anodized Color, Add	*448.52*	
		For Stainless Steel, Add	*1,619.64*	
		For 8' High Door, Add	*286.55*	
		For 10' High Door, Add	*622.94*	
		For 1" Insulated Glazing, Add	*28.49*	
08 42 26 00-0005	PR	6' x 7' x 5/8" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 5/8")	6,044.49	260.19
		For Anodized Color, Add	*864.99*	
		For Stainless Steel, Add	*3,123.58*	
		For 8' High Door, Add	*552.63*	
		For 10' High Door, Add	*1,201.38*	
		For 1" Insulated Glazing, Add	*56.97*	
08 42 26 00-0006	EA	3' x 7' x 3/4" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware	3,737.91	216.82
		For Anodized Color, Add	*516.71*	
		For Stainless Steel, Add	*1,865.91*	
		For 8' High Door, Add	*330.12*	
		For 10' High Door, Add	*717.66*	
		For 1" Insulated Glazing, Add	*28.49*	
08 42 26 00-0007	PR	6' x 7' x 3/4" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 3/4")	6,862.13	260.19
		For Anodized Color, Add	*1,012.17*	
		For Stainless Steel, Add	*3,655.05*	
		For 8' High Door, Add	*646.66*	
		For 10' High Door, Add	*1,405.79*	
		For 1" Insulated Glazing, Add	*56.97*	
08 42 26 00-0008	EA	3' x 7' x 1" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware	4,497.16	216.82
		For Anodized Color, Add	*653.38*	
		For Stainless Steel, Add	*2,359.42*	
		For 8' High Door, Add	*417.44*	
		For 10' High Door, Add	*907.47*	
		For 1" Insulated Glazing, Add	*28.49*	
08 42 26 00-0009	PR	6' x 7' x 1" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 1")	8,498.73	260.19
		For Anodized Color, Add	*1,306.76*	
		For Stainless Steel, Add	*4,718.84*	
		For 8' High Door, Add	*834.87*	
		For 10' High Door, Add	*1,814.94*	
		For 1" Insulated Glazing, Add	*56.97*	

08 42 26 00-0010 Frames For Full Glass Doors *(08 42 26)*

08 42 26 00-0011	LF	Glass Entrance Door, Light Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	18.58	2.61
08 42 26 00-0012	LF	Glass Entrance Door, Heavy Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	24.21	3.47

08 42 29 Automatic Entrances *(08 42)*

08 42 29 23 Sliding Automatic Entrances *(08 42 29)*

Note: Center two power-operated automatic sliding doors may be used as emergency egress doors because they "break-out" in the direction of egress. Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.

08 42 29 23-0001 Bronze Finished Framed Sliding Automatic Entrances *(08 42 29 23)*

08 42 29 23-0002 2 Panel, Bronze Finished Framed Sliding Automatic Entrance *(08 42 29 23-0001)*

Note: Single sliding.

08 42 29 23-0003	EA	5'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	1,305.71	86.73
08 42 29 23-0004	EA	6'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	1,467.76	117.08
08 42 29 23-0005	EA	7'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	1,700.57	130.09
08 42 29 23-0006	EA	8'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	1,726.59	143.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 23-0007	EA	10'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	2,256.85	173.45
08 42 29 23-0008	EA	12'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	2,362.64	203.81
08 42 29 23-0009	EA	15'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	3,127.52	234.17
08 42 29 23-0010		4 Panel, Bronze Finished Framed Sliding Automatic Entrance *(08 42 29 23-0001)*		
		Note: Bi-parting.		
08 42 29 23-0011	EA	12'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	2,649.51	216.82
08 42 29 23-0012	EA	14'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	2,905.68	238.50
08 42 29 23-0013	EA	16'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	3,161.84	260.19
08 42 29 23-0014	EA	18'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	3,796.59	281.87
08 42 29 23-0015	EA	20'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	4,431.34	303.47
08 42 29 23-0016		Aluminum Finished Framed Sliding Automatic Entrances *(08 42 29 23)*		
08 42 29 23-0017		2 Panel, Aluminum Finished Framed Sliding Automatic Entrance *(08 42 29 23-0016)*		
		Note: Single sliding.		
08 42 29 23-0018	EA	5'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	1,199.03	86.73
08 42 29 23-0019	EA	6'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	1,351.55	117.08
08 42 29 23-0020	EA	7'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	1,564.87	130.09
08 42 29 23-0021	EA	8'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	1,590.89	143.10
08 42 29 23-0022	EA	10'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,076.93	173.45
08 42 29 23-0023	EA	12'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,178.46	203.81
08 42 29 23-0024	EA	15'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,877.03	234.17
08 42 29 23-0025		4 Panel, Aluminum Finished Framed Sliding Automatic Entrance *(08 42 29 23-0016)*		
		Note: Bi-parting.		
08 42 29 23-0026	EA	12'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,440.77	216.82
08 42 29 23-0027	EA	14'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,676.88	238.50
08 42 29 23-0028	EA	16'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,912.99	260.19
08 42 29 23-0029	EA	18'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	3,492.04	281.87
08 42 29 23-0030	EA	20'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	4,071.08	303.47
08 42 29 23-0031		Stainless Steel Framed Sliding Automatic Entrances *(08 42 29 23)*		
08 42 29 23-0032		2 Panel, Stainless Steel Framed Sliding Automatic Entrance *(08 42 29 23-0031)*		
		Note: Single sliding.		
08 42 29 23-0033	EA	5'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	1,485.99	86.73
08 42 29 23-0034	EA	6'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	1,664.19	117.08
08 42 29 23-0035	EA	7'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	1,929.92	130.09
08 42 29 23-0036	EA	8'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	1,955.94	143.10
08 42 29 23-0037	EA	10'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	2,560.98	173.45
08 42 29 23-0038	EA	12'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	2,673.94	203.81
08 42 29 23-0039	EA	15'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	3,550.98	234.17
08 42 29 23-0040		4 Panel, Stainless Steel Framed Sliding Automatic Entrance *(08 42 29 23-0031)*		
		Note: Bi-parting.		
08 42 29 23-0041	EA	12'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	3,002.36	216.82
08 42 29 23-0042	EA	14'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	3,292.41	238.50
08 42 29 23-0043	EA	16'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	3,582.44	260.19
08 42 29 23-0044	EA	18'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	4,311.37	281.87
08 42 29 23-0045	EA	20'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	5,040.30	303.55
08 42 29 23-0046		Accessories For Sliding Automatic Entrances *(08 42 29 23)*		
		See CSI section 08 42 29 33-0006 for eye operators.		
08 42 29 23-0047	EA	Automatic 2 Panel Sliding Door Motor, Activation Eye Or Push Button Controls	3,600.48	814.98
		Note: Includes motor for pair of sliding doors (2 panels).		
08 42 29 23-0048	EA	Automatic 4 Panel Sliding Door Motor, Activation Eye Or Push Button Controls	6,444.82	1,222.46
		Note: Includes motor for pair of sliding doors (4 panel).		
08 42 29 33		**Swinging Automatic Entrances** *(08 42 29)*		
08 42 29 33-0001		Swing Door Operators, Up To 350 LB Panel Weight *(08 42 29 33)*		
		Note: Includes electro-mechanical swinging door operator and electrical controls, aluminum header, connecting hardware, actuating controls, and on/off/hold open switch. Excludes activation device, doors, and power connection. Stanley Magic Force or equal.		
08 42 29 33-0002	EA	Concealed Single Door Swing Door Operator, Up To 350 LB Panel	2,573.91	412.23
		Note: For new storefront or existing concealed operator installations.		
08 42 29 33-0003	EA	Concealed Pair Of Doors Swing Door Operator, Up To 350 LB Panel	4,323.86	549.66
		Note: For new storefront or existing concealed operator installations.		
08 42 29 33-0004	EA	Exposed Single Door Swing Door Operator, Up To 350 LB Panel	2,131.98	329.78
08 42 29 33-0005	EA	Exposed Pair Of Doors Swing Door Operator, Up To 350 LB Panel	3,768.85	494.67
08 42 29 33-0006		Activation Devices For Door Operators *(08 42 29 33)*		
08 42 29 33-0007	EA	Overhead Active Infrared Presence Detector For Door Operators (MS Sedco DH97)	336.85	32.97
		Note: Includes wiring harness and relays.		
08 42 29 33-0008	EA	On Door Active Infrared Presence Detector For Door Operator (Stanley Sentrex RS)	298.45	32.97
		Note: Includes wiring harness and relays.		
08 42 29 33-0009	EA	Microwave Motion Sensor For Door Operator (MS Sedco D38)	301.51	32.97
		Note: Includes wiring harness and relays.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 33-0010	EA	Push Plate For Door Operator (MS Sedco 59 Series) Note: Excludes wiring from operator to push plate.	122.01	32.97
08 42 29 33-0011	EA	Jamb Mounted Push Button For Door Operator (MS Sedco 425 Series) Note: Excludes wiring from operator to push button.	99.69	32.97
08 42 29 33-0012	EA	Radio Control System For Door Operator (MS Sedco Clearpath) Note: Includes receiver and two push plate transmitters.	505.27	82.45
		For Single Transmitter (Includes Receiver, One Push Plate Transmitter, And One Jamb Mounted Push Button), Deduct	*-64.00*	
08 42 29 33-0013	EA	Combination Digital Camera/Motion Detector For Door Operators (Stanley StanVision) Note: Includes wiring harness and relays.	731.14	41.22
08 42 29 33-0014	EA	Guard Rail For Door With Operator	158.05	41.22

08 42 33 Revolving Door Entrances *(08 42)*

08 42 33 00-0001 Aluminum Revolving Doors *(08 42 33)*

08 42 33 00-0002	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	23,283.39	4,264.00
		For Automatic Controls, Add	*7,195.22*	
		For Powder Coated, Add	*820.51*	
08 42 33 00-0003	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	31,852.74	6,396.09
		For Automatic Controls, Add	*8,367.84*	
		For Powder Coated, Add	*1,031.07*	
08 42 33 00-0004	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	47,239.91	7,675.27
		For Automatic Controls, Add	*9,071.40*	
		For Powder Coated, Add	*1,823.36*	
08 42 33 00-0005	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	25,884.55	4,690.36
		For Automatic Controls, Add	*7,434.53*	
		For Powder Coated, Add	*918.88*	
08 42 33 00-0006	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	35,208.15	7,035.92
		For Automatic Controls, Add	*8,687.64*	
		For Powder Coated, Add	*1,154.68*	
08 42 33 00-0007	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	52,735.04	8,442.80
		For Automatic Controls, Add	*9,540.44*	
		For Powder Coated, Add	*2,041.96*	

08 42 33 00-0008 Stainless Steel Revolving Doors *(08 42 33)*

08 42 33 00-0009	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	23,827.29	4,264.00
		For Automatic Controls, Add	*7,195.22*	
08 42 33 00-0010	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	32,536.22	6,396.09
		For Automatic Controls, Add	*8,367.84*	
08 42 33 00-0011	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	48,448.60	7,675.27
		For Automatic Controls, Add	*9,071.40*	
08 42 33 00-0012	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	26,495.12	4,690.36
		For Automatic Controls, Add	*7,434.53*	
08 42 33 00-0013	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	35,975.40	7,035.92
		For Automatic Controls, Add	*8,687.64*	
08 42 33 00-0014	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	54,091.86	8,442.80
		For Automatic Controls, Add	*9,540.44*	

08 42 33 00-0015 Bronze Revolving Doors *(08 42 33)*

08 42 33 00-0016	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	21,909.13	4,264.00
		For Automatic Controls, Add	*7,195.22*	
08 42 33 00-0017	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	30,125.83	6,396.09
		For Automatic Controls, Add	*8,367.84*	
08 42 33 00-0018	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	44,186.00	7,675.27
		For Automatic Controls, Add	*9,071.40*	
08 42 33 00-0019	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	24,346.77	4,690.36
		For Automatic Controls, Add	*7,434.53*	
08 42 33 00-0020	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	33,275.76	7,035.92
		For Automatic Controls, Add	*8,687.64*	
08 42 33 00-0021	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	49,317.75	8,442.80
		For Automatic Controls, Add	*9,540.44*	

08 42 36 Balanced Door Entrances *(08 42)*

08 42 36 00-0001 Balanced Doors, With Glass *(08 42 36)*

Note: Includes check and door guide, top pivot with bearing, torsion bar closer spring, bottom arm, semi-automatic hold open device, floor box, door roller guide, bottom pivot, top arm.

08 42 36 00-0002	EA	2'-6" x 7'-0" Balanced Door, Stainless Steel	8,311.79	238.63
		For Bronze Instead Of Stainless Steel, Deduct	*-1,928.76*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*771.50*	
		For Tinted Glass, Add	*385.75*	
		For Aluminum, Painted Finish, Deduct	*-2,314.51*	
08 42 36 00-0003	EA	3'-0" x 7'-0" Balanced Door, Stainless Steel	8,625.10	238.63
		For Bronze Instead Of Stainless Steel, Deduct	*-2,007.09*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*802.83*	
		For Tinted Glass, Add	*401.42*	
		For Aluminum, Painted Finish, Deduct	*-2,408.50*	
08 42 36 00-0004	EA	3'-6" x 7'-0" Balanced Door, Stainless Steel	9,386.05	238.63
		For Bronze Instead Of Stainless Steel, Deduct	*-2,197.32*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*878.93*	
		For Tinted Glass, Add	*439.46*	
		For Aluminum, Painted Finish, Deduct	*-2,636.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 36 00-0005	EA	4'-0" x 7'-0" Balanced Door, Stainless Steel	10,281.29	238.63
		For Bronze Instead Of Stainless Steel, Deduct	*-2,421.13*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*968.45*	
		For Tinted Glass, Add	*484.23*	
		For Aluminum, Painted Finish, Deduct	*-2,905.36*	
08 42 36 00-0006	PR	Pair 3'-0" x 7'-0" Balanced Door, Stainless Steel	17,190.56	453.54
		For Bronze Instead Of Stainless Steel, Deduct	*-4,014.18*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1,605.67*	
		For Tinted Glass, Add	*802.84*	
		For Aluminum, Painted Finish, Deduct	*-4,817.01*	

08 43 Storefronts *(08 40)*

08 43 13 Aluminum-Framed Storefronts *(08 43)*

08 43 13 00-0001 Aluminum Storefront Framing *(08 43 13)*

Note: Includes frames, steel reinforcement and accessories. Excludes doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. See CSI section 08 81 26 00-0050 for insulated glazing.

08 43 13 00-0002	SF	Aluminum Storefront Framing	15.21	4.17
		For Bronze Anodized Finish, Add	*1.34*	
		For Black Anodized Finish, Add	*2.67*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*0.89*	

08 43 19 Stainless-Steel-Framed Storefronts *(08 43)*

08 43 19 00-0001 Stainless Steel Storefront Framing *(08 43 19)*

Note: Includes frames, reinforcing and accessories. Excludes doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. Per SF of opening area. See CSI section 08 81 26 00-0050 for insulated glazing.

08 43 19 00-0002	SF	Stainless Steel Storefront Framing	36.72	4.34
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*3.01*	

08 44 Curtain Wall And Glazed Assemblies *(08 40)*

08 44 13 Glazed Aluminum Curtain Walls *(08 44)*

08 44 13 00-0001 Curtain Walls *(08 44 13)*

08 44 13 00-0002 Coping Sections *(08 44 13 00-0001)*

08 44 13 00-0003	LF	Curtain Wall, 1/8" x 8" Coping Section Shaped (3") Aluminum System Framing Section	28.38	2.61
		For Bronze Anodized Aluminum, Add	*1.97*	
		For Stainless Steel, Add	*8.66*	
		For Black Anodized Finish, Add	*3.55*	
08 44 13 00-0004	LF	Curtain Wall, 1/8" x 9" Coping Section Shaped (4") Aluminum System Framing Section	29.08	2.61
		For Bronze Anodized Aluminum, Add	*2.08*	
		For Stainless Steel, Add	*9.08*	
		For Black Anodized Finish, Add	*3.74*	
08 44 13 00-0005	LF	Curtain Wall, 1/8" x 12-1/2" Coping Section Shaped (5-1/2") Aluminum Framing Section	35.40	3.47
		For Bronze Anodized Aluminum, Add	*2.47*	
		For Stainless Steel, Add	*10.82*	
		For Black Anodized Finish, Add	*4.44*	

08 44 13 00-0006 Sill Section *(08 44 13 00-0001)*

08 44 13 00-0007	LF	Aluminum Curtain Wall, 1/8" x 6" Sill Section Shaped Aluminum System Framing Section	22.13	1.73
		For Bronze Anodized Aluminum, Add	*1.71*	
		For Stainless Steel, Add	*7.39*	
		For Black Anodized Finish, Add	*3.08*	
08 44 13 00-0008	LF	Aluminum Curtain Wall, 1/8" x 7" Sill Section Shaped Aluminum System Framing Section	23.35	1.73
		For Bronze Anodized Aluminum, Add	*1.90*	
		For Stainless Steel, Add	*8.12*	
		For Black Anodized Finish, Add	*3.41*	
08 44 13 00-0009	LF	Aluminum Curtain Wall, 1/8" x 8-1/2" Sill Section Shaped Aluminum System Framing Section	24.58	1.73
		For Bronze Anodized Aluminum, Add	*2.08*	
		For Stainless Steel, Add	*8.86*	
		For Black Anodized Finish, Add	*3.74*	

08 44 13 00-0010 Aluminum Column Covers *(08 44 13 00-0001)*

Note: Includes all clips and fasteners.

08 44 13 00-0011	LF	Aluminum Column Covers, 1/8" x 26", Shaped	53.18	4.34
		For Bronze Anodized Aluminum, Add	*4.31*	
		For Stainless Steel, Add	*18.47*	
		For Black Anodized Finish, Add	*7.76*	
08 44 13 00-0012	LF	Aluminum Column Covers, 1/8" x 34", Shaped	62.59	4.34
		For Bronze Anodized Aluminum, Add	*5.51*	
		For Stainless Steel, Add	*23.31*	
		For Black Anodized Finish, Add	*9.91*	
08 44 13 00-0013	LF	Aluminum Column Covers, 1/8" x 38", Shaped	65.85	4.34
		For Bronze Anodized Aluminum, Add	*5.99*	
		For Stainless Steel, Add	*25.27*	
		For Black Anodized Finish, Add	*10.79*	

08 44 13 00-0014 Spandrel Covers *(08 44 13 00-0001)*

Note: Where exterior facing only is described in the following the interior face will be tempered hardboard (to be painted).

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0015	SF	1" Spandrel Cover, Aluminum Both Faces	19.76	1.73
		For Bronze Anodized Aluminum, Add	*1.87*	
		For Stainless Steel, Add	*7.85*	
		For Black Anodized Finish, Add	*3.37*	
08 44 13 00-0016	SF	1" Spandrel Cover, Aluminum Exterior Face	17.91	1.73
		For Bronze Anodized Aluminum, Add	*1.59*	
		For Stainless Steel, Add	*6.74*	
		For Black Anodized Finish, Add	*2.87*	
08 44 13 00-0017	SF	1" Spandrel Cover, Epoxy Both Faces	33.23	1.73
		For Bronze Anodized Aluminum, Add	*3.89*	
		For Stainless Steel, Add	*15.93*	
		For Black Anodized Finish, Add	*7.00*	
08 44 13 00-0018	SF	1" Spandrel Cover, Epoxy Exterior Face Only	28.01	1.73
		For Bronze Anodized Aluminum, Add	*3.11*	
		For Stainless Steel, Add	*12.80*	
		For Black Anodized Finish, Add	*5.59*	
08 44 13 00-0019	SF	2" Spandrel Cover, Aluminum Both Faces	22.86	1.73
		For Bronze Anodized Aluminum, Add	*2.05*	
		For Stainless Steel, Add	*8.67*	
		For Black Anodized Finish, Add	*3.69*	
08 44 13 00-0020	SF	2" Spandrel Cover, Aluminum Exterior Face	21.11	1.73
		For Bronze Anodized Aluminum, Add	*1.79*	
		For Stainless Steel, Add	*7.62*	
		For Black Anodized Finish, Add	*3.22*	
08 44 13 00-0021	SF	2" Spandrel Cover, Epoxy Both Faces	38.53	1.73
		For Bronze Anodized Aluminum, Add	*4.40*	
		For Stainless Steel, Add	*18.07*	
		For Black Anodized Finish, Add	*7.92*	
08 44 13 00-0022	SF	2" Spandrel Cover, Epoxy Exterior Face Only	32.51	1.73
		For Bronze Anodized Aluminum, Add	*3.50*	
		For Stainless Steel, Add	*14.46*	
		For Black Anodized Finish, Add	*6.30*	

08 44 13 00-0023 Curtain Wall, Aluminum System Framing Sections *(08 44 13 00-0001)*

Note: The prices are based on stock shapes of anodized aluminum, plain color and of 0.125" thickness.

08 44 13 00-0024	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Jamb Aluminum Framed Window Walls	19.25	1.73
		For Bronze Anodized Aluminum, Add	*1.86*	
		For Stainless Steel, Add	*7.77*	
		For Black Anodized Finish, Add	*3.34*	
08 44 13 00-0025	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Head Aluminum Framed Window Walls	19.12	1.73
		For Bronze Anodized Aluminum, Add	*1.86*	
		For Stainless Steel, Add	*7.76*	
		For Black Anodized Finish, Add	*3.34*	
08 44 13 00-0026	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Mullion Aluminum Framed Window Walls	19.13	1.73
		For Bronze Anodized Aluminum, Add	*1.86*	
		For Stainless Steel, Add	*7.77*	
		For Black Anodized Finish, Add	*3.34*	
		For Corner Mullion, Add	*4.11*	
08 44 13 00-0027	LF	Aluminum System Curtain Wall, 2" x 4" Jamb Aluminum Framed Window Walls	25.20	3.47
		For Bronze Anodized Aluminum, Add	*2.22*	
		For Stainless Steel, Add	*9.39*	
		For Black Anodized Finish, Add	*3.99*	
08 44 13 00-0028	LF	Aluminum System Curtain Wall, 2" x 4" Horizontal Aluminum Framed Window Walls	25.20	3.47
		For Bronze Anodized Aluminum, Add	*2.22*	
		For Stainless Steel, Add	*9.39*	
		For Black Anodized Finish, Add	*3.99*	
08 44 13 00-0029	LF	Aluminum System Curtain Wall, 2" x 4" Mullion Aluminum Framed Window Walls	25.20	3.47
		For Bronze Anodized Aluminum, Add	*2.22*	
		For Stainless Steel, Add	*9.39*	
		For Black Anodized Finish, Add	*3.99*	
		For Corner Mullion, Add	*5.26*	
08 44 13 00-0030	LF	Aluminum System Curtain Wall, 2" x 6" Jamb Aluminum Framed Window Walls	27.77	3.81
		For Bronze Anodized Aluminum, Add	*2.43*	
		For Stainless Steel, Add	*10.30*	
		For Black Anodized Finish, Add	*4.38*	
08 44 13 00-0031	LF	Aluminum System Curtain Wall, 2" x 6" Horizontal Aluminum Framed Window Walls	27.77	3.81
		For Bronze Anodized Aluminum, Add	*2.43*	
		For Stainless Steel, Add	*10.30*	
		For Black Anodized Finish, Add	*4.38*	
08 44 13 00-0032	LF	Aluminum System Curtain Wall, 2" x 6" Mullion Aluminum Framed Window Walls	27.77	3.81
		For Bronze Anodized Aluminum, Add	*2.43*	
		For Stainless Steel, Add	*10.30*	
		For Black Anodized Finish, Add	*4.38*	
		For Corner Mullion, Add	*5.79*	
08 44 13 00-0033	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Jamb Aluminum Framed Window Walls	30.48	4.34
		For Bronze Anodized Aluminum, Add	*2.64*	
		For Stainless Steel, Add	*11.22*	
		For Black Anodized Finish, Add	*4.76*	
08 44 13 00-0034	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Horizontal Aluminum Framed Window Walls	30.48	4.34
		For Bronze Anodized Aluminum, Add	*2.64*	
		For Stainless Steel, Add	*11.22*	
		For Black Anodized Finish, Add	*4.76*	
08 44 13 00-0035	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Mullion Aluminum Framed Window Walls	30.48	4.34
		For Bronze Anodized Aluminum, Add	*2.64*	
		For Stainless Steel, Add	*11.22*	
		For Black Anodized Finish, Add	*4.76*	
		For Corner Mullion, Add	*6.34*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0036	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Jamb Aluminum Framed Window Walls	33.91	4.68
		For Bronze Anodized Aluminum, Add	*2.98*	
		For Stainless Steel, Add	*12.64*	
		For Black Anodized Finish, Add	*5.37*	
08 44 13 00-0037	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Horizontal Aluminum Framed Window Walls	33.91	4.68
		For Bronze Anodized Aluminum, Add	*2.98*	
		For Stainless Steel, Add	*12.64*	
		For Black Anodized Finish, Add	*5.37*	
08 44 13 00-0038	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Mullion Aluminum Framed Window Walls	33.91	4.68
		For Bronze Anodized Aluminum, Add	*2.98*	
		For Stainless Steel, Add	*12.64*	
		For Black Anodized Finish, Add	*5.37*	
		For Corner Mullion, Add	*7.08*	
08 44 13 00-0039	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Jamb Aluminum Framed Window Walls	38.91	5.20
		For Bronze Anodized Aluminum, Add	*3.42*	
		For Stainless Steel, Add	*14.50*	
		For Black Anodized Finish, Add	*6.16*	
08 44 13 00-0040	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Horizontal Aluminum Framed Window Walls	38.91	5.20
		For Bronze Anodized Aluminum, Add	*3.42*	
		For Stainless Steel, Add	*14.50*	
		For Black Anodized Finish, Add	*6.16*	
08 44 13 00-0041	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Mullion Aluminum Framed Window Walls	38.91	5.20
		For Bronze Anodized Aluminum, Add	*3.42*	
		For Stainless Steel, Add	*14.50*	
		For Black Anodized Finish, Add	*6.16*	
		For Corner Mullion, Add	*8.12*	

08 44 26 Structural Glass Curtain Walls *(08 44)*

08 44 26 00-0001 Centria Exterior Closure Components *(08 44 26)*

08 44 26 00-0002	SF	Centria CS-260, 210 Single Skin Metal Panel	40.83
		Note: Metal Panels include panel system base, vertical joints, vertical joint covers, foam and metal closure for vertical joints, clips and attachments. Includes extruded aluminum coping with two coats of 70% Mica Kynar finish factory installed.	
08 44 26 00-0003	SF	Centria Formawall Insulated Metal Panels	60.43
		Note: Includes two coats of 70% Mica Kynar finish factory installed. Includes base extrusion and coping extrusions.	
08 44 26 00-0004	LF	Centria Formawall Insulated Metal Panels Radius Column	99.51
		Note: Includes radius coping.	
08 44 26 00-0005	LF	Centria Formawall Insulated Metal Panels Coping	19.91
08 44 26 00-0006	SF	Centria Formawavue 3000 Thru Tube Window System Without Glass	72.45
		Note: 20 psf windload with 70% Mica Kynar two coat finish factory installed.	
08 44 26 00-0007	SF	Centria Formawavue 3000 Insulated Vision Units	11.40
		Note: Vision insulated units to be 1" oa clear tempered insulated units with PPG Solarban 60 low-e coating on the #2 surface.	
08 44 26 00-0008	SF	Centria Formawavue 3000 Insulated Silkscreen Pattern Units	22.06
		Note: Silkscreen units to be 1" oa clear tempered insulated units with PPG Solarban 60 low-e coating on the #2 surface and manufacturers standard silk screen (dots or lines) pattern on inboard lite.	
08 44 26 00-0009	LF	Centria Integrated Louver System	143.14
		Note: Factory installed 70% Mica Kynar two coat finish. Excludes blank-off panels or insect screens.	
08 44 26 00-0010	LF	Centria Integrated Sunshade System	678.49
		Note: Factory installed 70% Mica Kynar two coat finish.	

08 44 26 00-0011 Kalwall Exterior Closure Components *(08 44 26)*

08 44 26 00-0012	SF	Kalwall Translucent Panel System Standard	85.21
		Note: 25 psf windload. Factory installed 70% Mica Kynar two coat finish.	
08 44 26 00-0013	SF	Kalwall Translucent Panel System High Impact	88.36
08 44 26 00-0014	EA	Wind Clips	183.84
		Note: 2 per connection to steel tube includes all welding, fasteners, prep, and clean up	
08 44 26 00-0015	EA	Sill Angle With Welded Support Angles For The Kalwall System	214.48
		Note: Includes all welding, fasteners, prep, and clean up.	
08 44 26 00-0016	EA	Kalwall Head Channel At Coping (Galvanized 16 Gauge 2 x 4.5")	9.80
08 44 26 00-0017	EA	Kalwall Head Channel At Corners (Galvanized 16 Gauge 2 x 4.5")	42.90

08 45 Translucent Wall And Roof Assemblies *(08 40)*

08 45 23 Fiberglass-Sandwich-Panel Assemblies *(08 45)*

08 45 23 00-0001 Insulated Translucent Fiberglass Panels 2-3/4" Thick *(08 45 23)*

08 45 23 00-0002	SF	<5000 SF Insulated Translucent Fiberglass Panel 2-3/4" Thick, Metal Framed	27.76	4.05
		For Aluminum Frame, Add	*2.17*	
08 45 23 00-0003	SF	>5000 SF Insulated Translucent Fiberglass Panel 2-3/4" Thick, Metal Framed	24.31	3.45
		For Aluminum Frame, Add	*1.92*	

08 50 Windows *(08)*

Note: Includes hardware, caulk, sealant and mounting anchors. Operable windows include weather stripping. Demolition includes removal of frame, glass and insect screens.

08 51 Metal Windows *(08 50)*

08 51 13 Aluminum Windows *(08 51)*

Note: All units are of standard brushed finish. See CSI section 08 80 00 00-0000 for glazing.

08 51 13 00-0001 Aluminum Windows *(08 51 13)*

Note: Includes standard acrylic paint finish. Excludes glazing, panning and aluminum trim.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0002		Single Hung Aluminum Windows *(08 51 13 00-0001)*		
08 51 13 00-0003		2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) *(08 51 13 00-0002)*		
08 51 13 00-0004	EA	Up To 6 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	309.04	78.24
		For Installation In Concrete Or Masonry, Add	*30.54*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.57*	
		For 70% Fluoropolymer Finish (Duranar), Add	*10.72*	
		For Clear Anodized Finish, Add	*8.93*	
		For Color Anodized Finish, Add	*12.51*	
08 51 13 00-0005	EA	>6 To 10 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	344.77	83.12
		For Installation In Concrete Or Masonry, Add	*32.86*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.12*	
		For 70% Fluoropolymer Finish (Duranar), Add	*12.37*	
		For Clear Anodized Finish, Add	*10.31*	
		For Color Anodized Finish, Add	*14.44*	
08 51 13 00-0006	EA	>10 To 15 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	375.71	88.01
		For Installation In Concrete Or Masonry, Add	*35.07*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.58*	
		For 70% Fluoropolymer Finish (Duranar), Add	*13.74*	
		For Clear Anodized Finish, Add	*11.45*	
		For Color Anodized Finish, Add	*16.03*	
08 51 13 00-0007	EA	>15 To 20 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	401.83	92.91
		For Installation In Concrete Or Masonry, Add	*37.14*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.94*	
		For 70% Fluoropolymer Finish (Duranar), Add	*14.82*	
		For Clear Anodized Finish, Add	*12.35*	
		For Color Anodized Finish, Add	*17.29*	
08 51 13 00-0008	EA	>20 To 30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	456.75	97.80
		For Installation In Concrete Or Masonry, Add	*39.94*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.88*	
		For 70% Fluoropolymer Finish (Duranar), Add	*17.63*	
		For Clear Anodized Finish, Add	*14.69*	
		For Color Anodized Finish, Add	*20.56*	
08 51 13 00-0009	SF	>30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	14.69	2.93
		For Installation In Concrete Or Masonry, Add	*1.22*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.20*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.59*	
		For Clear Anodized Finish, Add	*0.49*	
		For Color Anodized Finish, Add	*0.69*	
08 51 13 00-0010		3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) *(08 51 13 00-0002)*		
08 51 13 00-0011	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	436.13	78.24
		For Installation In Concrete Or Masonry, Add	*33.72*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.11*	
		For 70% Fluoropolymer Finish (Duranar), Add	*18.34*	
		For Clear Anodized Finish, Add	*15.29*	
		For Color Anodized Finish, Add	*21.40*	
08 51 13 00-0012	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	482.65	83.12
		For Installation In Concrete Or Masonry, Add	*36.31*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.88*	
		For 70% Fluoropolymer Finish (Duranar), Add	*20.65*	
		For Clear Anodized Finish, Add	*17.21*	
		For Color Anodized Finish, Add	*24.09*	
08 51 13 00-0013	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	521.99	88.01
		For Installation In Concrete Or Masonry, Add	*38.72*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.51*	
		For 70% Fluoropolymer Finish (Duranar), Add	*22.52*	
		For Clear Anodized Finish, Add	*18.76*	
		For Color Anodized Finish, Add	*26.27*	
08 51 13 00-0014	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	560.10	92.91
		For Installation In Concrete Or Masonry, Add	*41.10*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.11*	
		For 70% Fluoropolymer Finish (Duranar), Add	*24.32*	
		For Clear Anodized Finish, Add	*20.26*	
		For Color Anodized Finish, Add	*28.37*	
08 51 13 00-0015	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	658.18	97.80
		For Installation In Concrete Or Masonry, Add	*44.98*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.90*	
		For 70% Fluoropolymer Finish (Duranar), Add	*29.71*	
		For Clear Anodized Finish, Add	*24.76*	
		For Color Anodized Finish, Add	*34.66*	
08 51 13 00-0016	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	21.40	2.93
		For Installation In Concrete Or Masonry, Add	*1.39*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.33*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.99*	
		For Clear Anodized Finish, Add	*0.83*	
		For Color Anodized Finish, Add	*1.16*	
08 51 13 00-0017		3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) *(08 51 13 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0018	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	457.72	78.24
		For Installation In Concrete Or Masonry, Add	*34.26*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.55*	
		For 70% Fluoropolymer Finish (Duranar), Add	*19.64*	
		For Clear Anodized Finish, Add	*16.37*	
		For Color Anodized Finish, Add	*22.91*	
08 51 13 00-0019	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	512.63	83.12
		For Installation In Concrete Or Masonry, Add	*37.06*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.48*	
		For 70% Fluoropolymer Finish (Duranar), Add	*22.45*	
		For Clear Anodized Finish, Add	*18.70*	
		For Color Anodized Finish, Add	*26.19*	
08 51 13 00-0020	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	557.96	88.01
		For Installation In Concrete Or Masonry, Add	*39.62*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.23*	
		For 70% Fluoropolymer Finish (Duranar), Add	*24.68*	
		For Clear Anodized Finish, Add	*20.56*	
		For Color Anodized Finish, Add	*28.79*	
08 51 13 00-0021	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	602.07	92.91
		For Installation In Concrete Or Masonry, Add	*42.15*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.94*	
		For 70% Fluoropolymer Finish (Duranar), Add	*26.83*	
		For Clear Anodized Finish, Add	*22.36*	
		For Color Anodized Finish, Add	*31.31*	
08 51 13 00-0022	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	709.73	97.80
		For Installation In Concrete Or Masonry, Add	*46.27*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.93*	
		For 70% Fluoropolymer Finish (Duranar), Add	*32.80*	
		For Clear Anodized Finish, Add	*27.34*	
		For Color Anodized Finish, Add	*38.27*	
08 51 13 00-0023	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	23.11	2.93
		For Installation In Concrete Or Masonry, Add	*1.43*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.36*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.09*	
		For Clear Anodized Finish, Add	*0.91*	
		For Color Anodized Finish, Add	*1.28*	

08 51 13 00-0024 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) *(08 51 13 00-0002)*

08 51 13 00-0025	EA	Up To 6 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	498.48	78.24
		For Installation In Concrete Or Masonry, Add	*35.28*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.36*	
		For 70% Fluoropolymer Finish (Duranar), Add	*22.09*	
		For Clear Anodized Finish, Add	*18.40*	
		For Color Anodized Finish, Add	*25.77*	
08 51 13 00-0026	EA	>6 To 10 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	568.98	83.12
		For Installation In Concrete Or Masonry, Add	*38.47*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.61*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.83*	
		For Clear Anodized Finish, Add	*21.52*	
		For Color Anodized Finish, Add	*30.13*	
08 51 13 00-0027	EA	>10 To 15 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	615.51	88.01
		For Installation In Concrete Or Masonry, Add	*41.06*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.38*	
		For 70% Fluoropolymer Finish (Duranar), Add	*28.13*	
		For Clear Anodized Finish, Add	*23.44*	
		For Color Anodized Finish, Add	*32.82*	
08 51 13 00-0028	EA	>15 To 20 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	659.62	92.91
		For Installation In Concrete Or Masonry, Add	*43.59*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.10*	
		For 70% Fluoropolymer Finish (Duranar), Add	*30.29*	
		For Clear Anodized Finish, Add	*25.24*	
		For Color Anodized Finish, Add	*35.33*	
08 51 13 00-0029	EA	>20 To 30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	758.89	97.80
		For Installation In Concrete Or Masonry, Add	*47.50*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.92*	
		For 70% Fluoropolymer Finish (Duranar), Add	*35.75*	
		For Clear Anodized Finish, Add	*29.80*	
		For Color Anodized Finish, Add	*41.71*	
08 51 13 00-0030	SF	>30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	24.76	2.93
		For Installation In Concrete Or Masonry, Add	*1.47*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.40*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.19*	
		For Clear Anodized Finish, Add	*0.99*	
		For Color Anodized Finish, Add	*1.39*	

08 51 13 00-0031 Double Hung Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0032 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) *(08 51 13 00-0031)*

08 51 13 00-0033	EA	Up To 6 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	341.41	78.24
		For Installation In Concrete Or Masonry, Add	*31.35*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.22*	
		For 70% Fluoropolymer Finish (Duranar), Add	*12.66*	
		For Clear Anodized Finish, Add	*10.55*	
		For Color Anodized Finish, Add	*14.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0034	EA	>6 To 10 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	375.94	83.12
		For Installation In Concrete Or Masonry, Add	*33.64*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.75*	
		For 70% Fluoropolymer Finish (Duranar), Add	*14.24*	
		For Clear Anodized Finish, Add	*11.87*	
		For Color Anodized Finish, Add	*16.62*	
08 51 13 00-0035	EA	>10 To 15 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	405.68	88.01
		For Installation In Concrete Or Masonry, Add	*35.81*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.18*	
		For 70% Fluoropolymer Finish (Duranar), Add	*15.54*	
		For Clear Anodized Finish, Add	*12.95*	
		For Color Anodized Finish, Add	*18.13*	
08 51 13 00-0036	EA	>15 To 20 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	436.60	92.91
		For Installation In Concrete Or Masonry, Add	*38.01*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.64*	
		For 70% Fluoropolymer Finish (Duranar), Add	*16.91*	
		For Clear Anodized Finish, Add	*14.09*	
		For Color Anodized Finish, Add	*19.72*	
08 51 13 00-0037	EA	>20 To 30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	503.51	97.80
		For Installation In Concrete Or Masonry, Add	*41.11*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.81*	
		For 70% Fluoropolymer Finish (Duranar), Add	*20.43*	
		For Clear Anodized Finish, Add	*17.03*	
		For Color Anodized Finish, Add	*23.84*	
08 51 13 00-0038	SF	>30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	16.24	2.93
		For Installation In Concrete Or Masonry, Add	*1.26*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.23*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.68*	
		For Clear Anodized Finish, Add	*0.57*	
		For Color Anodized Finish, Add	*0.79*	

08 51 13 00-0039 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) *(08 51 13 00-0031)*

08 51 13 00-0040	EA	Up To 6 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	409.76	78.24
		For Installation In Concrete Or Masonry, Add	*33.06*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.59*	
		For 70% Fluoropolymer Finish (Duranar), Add	*16.76*	
		For Clear Anodized Finish, Add	*13.97*	
		For Color Anodized Finish, Add	*19.56*	
08 51 13 00-0041	EA	>6 To 10 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	470.66	83.12
		For Installation In Concrete Or Masonry, Add	*36.01*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.64*	
		For 70% Fluoropolymer Finish (Duranar), Add	*19.93*	
		For Clear Anodized Finish, Add	*16.61*	
		For Color Anodized Finish, Add	*23.25*	
08 51 13 00-0042	EA	>10 To 15 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	520.79	88.01
		For Installation In Concrete Or Masonry, Add	*38.69*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.48*	
		For 70% Fluoropolymer Finish (Duranar), Add	*22.45*	
		For Clear Anodized Finish, Add	*18.70*	
		For Color Anodized Finish, Add	*26.19*	
08 51 13 00-0043	EA	>15 To 20 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	576.89	92.91
		For Installation In Concrete Or Masonry, Add	*41.52*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.44*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.32*	
		For Clear Anodized Finish, Add	*21.10*	
		For Color Anodized Finish, Add	*29.54*	
08 51 13 00-0044	EA	>20 To 30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	677.36	97.80
		For Installation In Concrete Or Masonry, Add	*45.46*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.29*	
		For 70% Fluoropolymer Finish (Duranar), Add	*30.86*	
		For Clear Anodized Finish, Add	*25.72*	
		For Color Anodized Finish, Add	*36.01*	
08 51 13 00-0045	SF	>30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	22.04	2.93
		For Installation In Concrete Or Masonry, Add	*1.41*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.34*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.03*	
		For Clear Anodized Finish, Add	*0.86*	
		For Color Anodized Finish, Add	*1.20*	

08 51 13 00-0046 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) *(08 51 13 00-0031)*

08 51 13 00-0047	EA	Up To 6 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	504.48	78.24
		For Installation In Concrete Or Masonry, Add	*35.43*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.48*	
		For 70% Fluoropolymer Finish (Duranar), Add	*22.45*	
		For Clear Anodized Finish, Add	*18.70*	
		For Color Anodized Finish, Add	*26.19*	
08 51 13 00-0048	EA	>6 To 10 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	574.98	83.12
		For Installation In Concrete Or Masonry, Add	*38.62*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.73*	
		For 70% Fluoropolymer Finish (Duranar), Add	*26.19*	
		For Clear Anodized Finish, Add	*21.82*	
		For Color Anodized Finish, Add	*30.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0049	EA	>10 To 15 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	634.69	88.01
		For Installation In Concrete Or Masonry, Add	*41.54*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.76*	
		For 70% Fluoropolymer Finish (Duranar), Add	*29.28*	
		For Clear Anodized Finish, Add	*24.40*	
		For Color Anodized Finish, Add	*34.16*	
08 51 13 00-0050	EA	>15 To 20 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	693.19	92.91
		For Installation In Concrete Or Masonry, Add	*44.43*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.77*	
		For 70% Fluoropolymer Finish (Duranar), Add	*32.30*	
		For Clear Anodized Finish, Add	*26.92*	
		For Color Anodized Finish, Add	*37.68*	
08 51 13 00-0051	EA	>20 To 30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	829.63	97.80
		For Installation In Concrete Or Masonry, Add	*49.26*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.33*	
		For 70% Fluoropolymer Finish (Duranar), Add	*40.00*	
		For Clear Anodized Finish, Add	*33.33*	
		For Color Anodized Finish, Add	*46.66*	
08 51 13 00-0052	SF	>30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	27.11	2.93
		For Installation In Concrete Or Masonry, Add	*1.53*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.44*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.33*	
		For Clear Anodized Finish, Add	*1.11*	
		For Color Anodized Finish, Add	*1.56*	

08 51 13 00-0053 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) *(08 51 13 00-0031)*

08 51 13 00-0054	EA	Up To 10 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	765.62	83.12
		For Installation In Concrete Or Masonry, Add	*43.39*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.54*	
		For 70% Fluoropolymer Finish (Duranar), Add	*37.62*	
		For Clear Anodized Finish, Add	*31.35*	
		For Color Anodized Finish, Add	*43.90*	
08 51 13 00-0055	EA	>10 To 15 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	837.32	88.01
		For Installation In Concrete Or Masonry, Add	*46.61*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.81*	
		For 70% Fluoropolymer Finish (Duranar), Add	*41.44*	
		For Clear Anodized Finish, Add	*34.53*	
		For Color Anodized Finish, Add	*48.34*	
08 51 13 00-0056	EA	>15 To 20 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	921.00	92.91
		For Installation In Concrete Or Masonry, Add	*50.12*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.32*	
		For 70% Fluoropolymer Finish (Duranar), Add	*45.97*	
		For Clear Anodized Finish, Add	*38.31*	
		For Color Anodized Finish, Add	*53.63*	
08 51 13 00-0057	EA	>20 To 30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,059.84	97.80
		For Installation In Concrete Or Masonry, Add	*55.02*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.94*	
		For 70% Fluoropolymer Finish (Duranar), Add	*53.81*	
		For Clear Anodized Finish, Add	*44.84*	
		For Color Anodized Finish, Add	*62.78*	
08 51 13 00-0058	SF	>30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	34.75	2.93
		For Installation In Concrete Or Masonry, Add	*1.72*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.60*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.79*	
		For Clear Anodized Finish, Add	*1.49*	
		For Color Anodized Finish, Add	*2.09*	

08 51 13 00-0059 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600) *(08 51 13 00-0031)*

08 51 13 00-0060	EA	Up To 10 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,036.59	83.12
		For Installation In Concrete Or Masonry, Add	*50.16*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.96*	
		For 70% Fluoropolymer Finish (Duranar), Add	*53.88*	
		For Clear Anodized Finish, Add	*44.90*	
		For Color Anodized Finish, Add	*62.86*	
08 51 13 00-0061	EA	>10 To 15 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,116.69	88.01
		For Installation In Concrete Or Masonry, Add	*53.59*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*19.40*	
		For 70% Fluoropolymer Finish (Duranar), Add	*58.20*	
		For Clear Anodized Finish, Add	*48.50*	
		For Color Anodized Finish, Add	*67.90*	
08 51 13 00-0062	EA	>15 To 20 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,207.56	92.91
		For Installation In Concrete Or Masonry, Add	*57.29*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.05*	
		For 70% Fluoropolymer Finish (Duranar), Add	*63.16*	
		For Clear Anodized Finish, Add	*52.64*	
		For Color Anodized Finish, Add	*73.69*	
08 51 13 00-0063	EA	>20 To 30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,363.19	97.80
		For Installation In Concrete Or Masonry, Add	*62.60*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*24.00*	
		For 70% Fluoropolymer Finish (Duranar), Add	*72.01*	
		For Clear Anodized Finish, Add	*60.01*	
		For Color Anodized Finish, Add	*84.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0064	SF	>30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	44.94	2.93
		For Installation In Concrete Or Masonry, Add	*1.98*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.80*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.40*	
		For Clear Anodized Finish, Add	*2.00*	
		For Color Anodized Finish, Add	*2.80*	

08 51 13 00-0065 Horizontal Sliding Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0066 One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Windows *(08 51 13 00-0065)*

08 51 13 00-0067 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) *(08 51 13 00-0066)*

08 51 13 00-0068	EA	Up To 6 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	315.04	78.24
		For Installation In Concrete Or Masonry, Add	*30.69*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.69*	
		For 70% Fluoropolymer Finish (Duranar), Add	*11.08*	
		For Clear Anodized Finish, Add	*9.23*	
		For Color Anodized Finish, Add	*12.93*	
08 51 13 00-0069	EA	>6 To 10 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	351.96	83.12
		For Installation In Concrete Or Masonry, Add	*33.04*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.27*	
		For 70% Fluoropolymer Finish (Duranar), Add	*12.81*	
		For Clear Anodized Finish, Add	*10.67*	
		For Color Anodized Finish, Add	*14.94*	
08 51 13 00-0070	EA	>10 To 15 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	380.50	88.01
		For Installation In Concrete Or Masonry, Add	*35.19*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.68*	
		For 70% Fluoropolymer Finish (Duranar), Add	*14.03*	
		For Clear Anodized Finish, Add	*11.69*	
		For Color Anodized Finish, Add	*16.37*	
08 51 13 00-0071	EA	>15 To 20 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	410.23	92.91
		For Installation In Concrete Or Masonry, Add	*37.35*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.11*	
		For 70% Fluoropolymer Finish (Duranar), Add	*15.32*	
		For Clear Anodized Finish, Add	*12.77*	
		For Color Anodized Finish, Add	*17.88*	
08 51 13 00-0072	EA	>20 To 30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	467.54	97.80
		For Installation In Concrete Or Masonry, Add	*40.21*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.09*	
		For 70% Fluoropolymer Finish (Duranar), Add	*18.27*	
		For Clear Anodized Finish, Add	*15.23*	
		For Color Anodized Finish, Add	*21.32*	
08 51 13 00-0073	SF	>30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	15.05	2.93
		For Installation In Concrete Or Masonry, Add	*1.23*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.20*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.61*	
		For Clear Anodized Finish, Add	*0.51*	
		For Color Anodized Finish, Add	*0.71*	

08 51 13 00-0074 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) *(08 51 13 00-0066)*

08 51 13 00-0075	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	467.31	78.24
		For Installation In Concrete Or Masonry, Add	*34.50*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.74*	
		For 70% Fluoropolymer Finish (Duranar), Add	*20.22*	
		For Clear Anodized Finish, Add	*16.85*	
		For Color Anodized Finish, Add	*23.58*	
08 51 13 00-0076	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	523.42	83.12
		For Installation In Concrete Or Masonry, Add	*37.33*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.70*	
		For 70% Fluoropolymer Finish (Duranar), Add	*23.09*	
		For Clear Anodized Finish, Add	*19.24*	
		For Color Anodized Finish, Add	*26.94*	
08 51 13 00-0077	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	568.75	88.01
		For Installation In Concrete Or Masonry, Add	*39.89*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.44*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.32*	
		For Clear Anodized Finish, Add	*21.10*	
		For Color Anodized Finish, Add	*29.54*	
08 51 13 00-0078	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	612.86	92.91
		For Installation In Concrete Or Masonry, Add	*42.42*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.16*	
		For 70% Fluoropolymer Finish (Duranar), Add	*27.48*	
		For Clear Anodized Finish, Add	*22.90*	
		For Color Anodized Finish, Add	*32.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0079	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	704.94	97.80
		For Installation In Concrete Or Masonry, Add	*46.15*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.84*	
		For 70% Fluoropolymer Finish (Duranar), Add	*32.52*	
		For Clear Anodized Finish, Add	*27.10*	
		For Color Anodized Finish, Add	*37.94*	
08 51 13 00-0080	SF	>30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	22.96	2.93
		For Installation In Concrete Or Masonry, Add	*1.43*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.36*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.08*	
		For Clear Anodized Finish, Add	*0.90*	
		For Color Anodized Finish, Add	*1.26*	

08 51 13 00-0081 Two Rolling Sashes, Horizontal Sliding Aluminum Windows *(08 51 13 00-0065)*

08 51 13 00-0082 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) *(08 51 13 00-0081)*

08 51 13 00-0083	EA	Up To 6 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	346.21	78.24
		For Installation In Concrete Or Masonry, Add	*31.47*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.32*	
		For 70% Fluoropolymer Finish (Duranar), Add	*12.95*	
		For Clear Anodized Finish, Add	*10.79*	
		For Color Anodized Finish, Add	*15.11*	
08 51 13 00-0084	EA	>6 To 10 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	392.73	83.12
		For Installation In Concrete Or Masonry, Add	*34.06*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.08*	
		For 70% Fluoropolymer Finish (Duranar), Add	*15.25*	
		For Clear Anodized Finish, Add	*12.71*	
		For Color Anodized Finish, Add	*17.79*	
08 51 13 00-0085	EA	>10 To 15 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	424.87	88.01
		For Installation In Concrete Or Masonry, Add	*36.29*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.56*	
		For 70% Fluoropolymer Finish (Duranar), Add	*16.69*	
		For Clear Anodized Finish, Add	*13.91*	
		For Color Anodized Finish, Add	*19.47*	
08 51 13 00-0086	EA	>15 To 20 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	452.19	92.91
		For Installation In Concrete Or Masonry, Add	*38.40*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.95*	
		For 70% Fluoropolymer Finish (Duranar), Add	*17.84*	
		For Clear Anodized Finish, Add	*14.87*	
		For Color Anodized Finish, Add	*20.81*	
08 51 13 00-0087	EA	>20 To 30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	516.69	97.80
		For Installation In Concrete Or Masonry, Add	*41.44*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.07*	
		For 70% Fluoropolymer Finish (Duranar), Add	*21.22*	
		For Clear Anodized Finish, Add	*17.69*	
		For Color Anodized Finish, Add	*24.76*	
08 51 13 00-0088	SF	>30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	16.68	2.93
		For Installation In Concrete Or Masonry, Add	*1.27*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.24*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.71*	
		For Clear Anodized Finish, Add	*0.59*	
		For Color Anodized Finish, Add	*0.83*	

08 51 13 00-0089 Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Windows *(08 51 13 00-0065)*

08 51 13 00-0090 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) *(08 51 13 00-0089)*

08 51 13 00-0091	EA	Up To 12 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	800.63	78.24
		For Installation In Concrete Or Masonry, Add	*42.83*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.40*	
		For 70% Fluoropolymer Finish (Duranar), Add	*40.21*	
		For Clear Anodized Finish, Add	*33.51*	
		For Color Anodized Finish, Add	*46.92*	
08 51 13 00-0092	EA	>12 To 18 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	921.73	90.46
		For Installation In Concrete Or Masonry, Add	*49.43*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.42*	
		For 70% Fluoropolymer Finish (Duranar), Add	*46.26*	
		For Clear Anodized Finish, Add	*38.55*	
		For Color Anodized Finish, Add	*53.97*	
08 51 13 00-0093	EA	>18 To 24 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	994.62	95.35
		For Installation In Concrete Or Masonry, Add	*52.68*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.71*	
		For 70% Fluoropolymer Finish (Duranar), Add	*50.14*	
		For Clear Anodized Finish, Add	*41.79*	
		For Color Anodized Finish, Add	*58.50*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0094		EA	>24 To 40 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,197.24	107.57
			For Installation In Concrete Or Masonry, Add	*61.31*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*20.36*	
			For 70% Fluoropolymer Finish (Duranar), Add	*61.08*	
			For Clear Anodized Finish, Add	*50.90*	
			For Color Anodized Finish, Add	*71.26*	
08 51 13 00-0095		EA	>40 To 60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,381.16	122.25
			For Installation In Concrete Or Masonry, Add	*70.18*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*23.55*	
			For 70% Fluoropolymer Finish (Duranar), Add	*70.65*	
			For Clear Anodized Finish, Add	*58.87*	
			For Color Anodized Finish, Add	*82.42*	
08 51 13 00-0096		SF	>60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	24.51	2.93
			For Installation In Concrete Or Masonry, Add	*1.47*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*0.39*	
			For 70% Fluoropolymer Finish (Duranar), Add	*1.18*	
			For Clear Anodized Finish, Add	*0.98*	
			For Color Anodized Finish, Add	*1.37*	

08 51 13 00-0097 Fixed Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0098 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) *(08 51 13 00-0097)*

08 51 13 00-0099		EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	258.68	78.24
			For Installation In Concrete Or Masonry, Add	*29.29*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*2.57*	
			For 70% Fluoropolymer Finish (Duranar), Add	*7.70*	
			For Clear Anodized Finish, Add	*6.41*	
			For Color Anodized Finish, Add	*8.98*	
08 51 13 00-0100		EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	290.81	83.12
			For Installation In Concrete Or Masonry, Add	*31.51*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*3.05*	
			For 70% Fluoropolymer Finish (Duranar), Add	*9.14*	
			For Clear Anodized Finish, Add	*7.61*	
			For Color Anodized Finish, Add	*10.66*	
08 51 13 00-0101		EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	307.37	88.01
			For Installation In Concrete Or Masonry, Add	*33.36*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*3.21*	
			For 70% Fluoropolymer Finish (Duranar), Add	*9.64*	
			For Clear Anodized Finish, Add	*8.03*	
			For Color Anodized Finish, Add	*11.25*	
08 51 13 00-0102		EA	>15 To 20 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	323.90	92.91
			For Installation In Concrete Or Masonry, Add	*35.19*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*3.38*	
			For 70% Fluoropolymer Finish (Duranar), Add	*10.14*	
			For Clear Anodized Finish, Add	*8.45*	
			For Color Anodized Finish, Add	*11.83*	
08 51 13 00-0103		EA	>20 To 30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	409.98	97.80
			For Installation In Concrete Or Masonry, Add	*38.77*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*4.94*	
			For 70% Fluoropolymer Finish (Duranar), Add	*14.82*	
			For Clear Anodized Finish, Add	*12.35*	
			For Color Anodized Finish, Add	*17.29*	
08 51 13 00-0104		SF	>30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	13.13	2.93
			For Installation In Concrete Or Masonry, Add	*1.18*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*0.16*	
			For 70% Fluoropolymer Finish (Duranar), Add	*0.49*	
			For Clear Anodized Finish, Add	*0.41*	
			For Color Anodized Finish, Add	*0.58*	

08 51 13 00-0105 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) *(08 51 13 00-0097)*

08 51 13 00-0106		EA	Up To 6 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	311.44	78.24
			For Installation In Concrete Or Masonry, Add	*30.60*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*3.62*	
			For 70% Fluoropolymer Finish (Duranar), Add	*10.86*	
			For Clear Anodized Finish, Add	*9.05*	
			For Color Anodized Finish, Add	*12.67*	
08 51 13 00-0107		EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	351.96	83.12
			For Installation In Concrete Or Masonry, Add	*33.04*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*4.27*	
			For 70% Fluoropolymer Finish (Duranar), Add	*12.81*	
			For Clear Anodized Finish, Add	*10.67*	
			For Color Anodized Finish, Add	*14.94*	
08 51 13 00-0108		EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	378.11	88.01
			For Installation In Concrete Or Masonry, Add	*35.13*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*4.63*	
			For 70% Fluoropolymer Finish (Duranar), Add	*13.88*	
			For Clear Anodized Finish, Add	*11.57*	
			For Color Anodized Finish, Add	*16.20*	
08 51 13 00-0109		EA	>15 To 20 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	405.43	92.91
			For Installation In Concrete Or Masonry, Add	*37.23*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*5.01*	
			For 70% Fluoropolymer Finish (Duranar), Add	*15.04*	
			For Clear Anodized Finish, Add	*12.53*	
			For Color Anodized Finish, Add	*17.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0110	EA	>20 To 30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	516.69	97.80
		For Installation In Concrete Or Masonry, Add	*41.44*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.07*	
		For 70% Fluoropolymer Finish (Duranar), Add	*21.22*	
		For Clear Anodized Finish, Add	*17.69*	
		For Color Anodized Finish, Add	*24.76*	
08 51 13 00-0111	SF	>30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	16.68	2.93
		For Installation In Concrete Or Masonry, Add	*1.27*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.24*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.71*	
		For Clear Anodized Finish, Add	*0.59*	
		For Color Anodized Finish, Add	*0.83*	
08 51 13 00-0112		3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900) *(08 51 13 00-0097)*		
08 51 13 00-0113	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	275.47	78.24
		For Installation In Concrete Or Masonry, Add	*29.71*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.90*	
		For 70% Fluoropolymer Finish (Duranar), Add	*8.70*	
		For Clear Anodized Finish, Add	*7.25*	
		For Color Anodized Finish, Add	*10.16*	
08 51 13 00-0114	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	315.99	83.12
		For Installation In Concrete Or Masonry, Add	*32.14*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.55*	
		For 70% Fluoropolymer Finish (Duranar), Add	*10.65*	
		For Clear Anodized Finish, Add	*8.87*	
		For Color Anodized Finish, Add	*12.42*	
08 51 13 00-0115	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	339.74	88.01
		For Installation In Concrete Or Masonry, Add	*34.17*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.86*	
		For 70% Fluoropolymer Finish (Duranar), Add	*11.58*	
		For Clear Anodized Finish, Add	*9.65*	
		For Color Anodized Finish, Add	*13.51*	
08 51 13 00-0116	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	364.66	92.91
		For Installation In Concrete Or Masonry, Add	*36.21*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.20*	
		For 70% Fluoropolymer Finish (Duranar), Add	*12.59*	
		For Clear Anodized Finish, Add	*10.49*	
		For Color Anodized Finish, Add	*14.69*	
08 51 13 00-0117	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	469.93	97.80
		For Installation In Concrete Or Masonry, Add	*40.27*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.14*	
		For 70% Fluoropolymer Finish (Duranar), Add	*18.42*	
		For Clear Anodized Finish, Add	*15.35*	
		For Color Anodized Finish, Add	*21.49*	
08 51 13 00-0118	SF	>30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	15.12	2.93
		For Installation In Concrete Or Masonry, Add	*1.23*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.20*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.61*	
		For Clear Anodized Finish, Add	*0.51*	
		For Color Anodized Finish, Add	*0.72*	
08 51 13 00-0119		4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) *(08 51 13 00-0097)*		
08 51 13 00-0120	EA	Up To 6 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	274.27	78.24
		For Installation In Concrete Or Masonry, Add	*29.68*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.88*	
		For 70% Fluoropolymer Finish (Duranar), Add	*8.63*	
		For Clear Anodized Finish, Add	*7.19*	
		For Color Anodized Finish, Add	*10.07*	
08 51 13 00-0121	EA	>6 To 10 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	311.20	83.12
		For Installation In Concrete Or Masonry, Add	*32.02*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.45*	
		For 70% Fluoropolymer Finish (Duranar), Add	*10.36*	
		For Clear Anodized Finish, Add	*8.63*	
		For Color Anodized Finish, Add	*12.09*	
08 51 13 00-0122	EA	>10 To 15 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	334.94	88.01
		For Installation In Concrete Or Masonry, Add	*34.05*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.76*	
		For 70% Fluoropolymer Finish (Duranar), Add	*11.29*	
		For Clear Anodized Finish, Add	*9.41*	
		For Color Anodized Finish, Add	*13.18*	
08 51 13 00-0123	EA	>15 To 20 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	359.87	92.91
		For Installation In Concrete Or Masonry, Add	*36.09*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.10*	
		For 70% Fluoropolymer Finish (Duranar), Add	*12.30*	
		For Clear Anodized Finish, Add	*10.25*	
		For Color Anodized Finish, Add	*14.35*	
08 51 13 00-0124	EA	>20 To 30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	465.14	97.80
		For Installation In Concrete Or Masonry, Add	*40.15*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.04*	
		For 70% Fluoropolymer Finish (Duranar), Add	*18.13*	
		For Clear Anodized Finish, Add	*15.11*	
		For Color Anodized Finish, Add	*21.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0125	SF	>30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	14.96	2.93
		For Installation In Concrete Or Masonry, Add	*1.23*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.20*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.60*	
		For Clear Anodized Finish, Add	*0.50*	
		For Color Anodized Finish, Add	*0.70*	

08 51 13 00-0126 Projected Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0127 Single Vent, Projected Aluminum Windows *(08 51 13 00-0126)*

08 51 13 00-0128 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) *(08 51 13 00-0127)*

08 51 13 00-0129	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	348.85	78.24
		For Installation In Concrete Or Masonry, Add	*31.54*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.37*	
		For 70% Fluoropolymer Finish (Duranar), Add	*13.11*	
		For Clear Anodized Finish, Add	*10.92*	
		For Color Anodized Finish, Add	*15.29*	
08 51 13 00-0130	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	377.02	83.12
		For Installation In Concrete Or Masonry, Add	*33.67*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.77*	
		For 70% Fluoropolymer Finish (Duranar), Add	*14.31*	
		For Clear Anodized Finish, Add	*11.92*	
		For Color Anodized Finish, Add	*16.69*	
08 51 13 00-0131	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	409.28	88.01
		For Installation In Concrete Or Masonry, Add	*35.90*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.25*	
		For 70% Fluoropolymer Finish (Duranar), Add	*15.75*	
		For Clear Anodized Finish, Add	*13.13*	
		For Color Anodized Finish, Add	*18.38*	
08 51 13 00-0132	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	22.40	2.93
		For Installation In Concrete Or Masonry, Add	*1.42*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.35*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.05*	
		For Clear Anodized Finish, Add	*0.88*	
		For Color Anodized Finish, Add	*1.23*	

08 51 13 00-0133 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) *(08 51 13 00-0127)*

08 51 13 00-0134	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	454.85	78.24
		For Installation In Concrete Or Masonry, Add	*34.19*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.49*	
		For 70% Fluoropolymer Finish (Duranar), Add	*19.47*	
		For Clear Anodized Finish, Add	*16.22*	
		For Color Anodized Finish, Add	*22.71*	
08 51 13 00-0135	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	500.53	83.12
		For Installation In Concrete Or Masonry, Add	*36.76*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.24*	
		For 70% Fluoropolymer Finish (Duranar), Add	*21.72*	
		For Clear Anodized Finish, Add	*18.10*	
		For Color Anodized Finish, Add	*25.34*	
08 51 13 00-0136	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	553.16	88.01
		For Installation In Concrete Or Masonry, Add	*39.50*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.13*	
		For 70% Fluoropolymer Finish (Duranar), Add	*24.39*	
		For Clear Anodized Finish, Add	*20.32*	
		For Color Anodized Finish, Add	*28.45*	
08 51 13 00-0137	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	31.99	2.93
		For Installation In Concrete Or Masonry, Add	*1.66*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.54*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.63*	
		For Clear Anodized Finish, Add	*1.36*	
		For Color Anodized Finish, Add	*1.90*	

08 51 13 00-0138 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) *(08 51 13 00-0127)*

08 51 13 00-0139	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	494.61	78.24
		For Installation In Concrete Or Masonry, Add	*35.18*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.28*	
		For 70% Fluoropolymer Finish (Duranar), Add	*21.85*	
		For Clear Anodized Finish, Add	*18.21*	
		For Color Anodized Finish, Add	*25.50*	
08 51 13 00-0140	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	546.84	83.12
		For Installation In Concrete Or Masonry, Add	*37.92*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.17*	
		For 70% Fluoropolymer Finish (Duranar), Add	*24.50*	
		For Clear Anodized Finish, Add	*20.42*	
		For Color Anodized Finish, Add	*28.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0141	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	607.12	88.01
		For Installation In Concrete Or Masonry, Add	*40.85*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.21*	
		For 70% Fluoropolymer Finish (Duranar), Add	*27.63*	
		For Clear Anodized Finish, Add	*23.02*	
		For Color Anodized Finish, Add	*32.23*	
08 51 13 00-0142	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	35.58	2.93
		For Installation In Concrete Or Masonry, Add	*1.75*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.61*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.84*	
		For Clear Anodized Finish, Add	*1.53*	
		For Color Anodized Finish, Add	*2.15*	

08 51 13 00-0143 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600) *(08 51 13 00-0127)*

08 51 13 00-0144	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600)	522.00	78.24
		For Installation In Concrete Or Masonry, Add	*35.87*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.83*	
		For 70% Fluoropolymer Finish (Duranar), Add	*23.50*	
		For Clear Anodized Finish, Add	*19.58*	
		For Color Anodized Finish, Add	*27.41*	
08 51 13 00-0145	EA	>6 To 10 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	578.74	83.12
		For Installation In Concrete Or Masonry, Add	*38.71*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.80*	
		For 70% Fluoropolymer Finish (Duranar), Add	*26.41*	
		For Clear Anodized Finish, Add	*22.01*	
		For Color Anodized Finish, Add	*30.81*	
08 51 13 00-0146	EA	>10 To 15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	644.28	88.01
		For Installation In Concrete Or Masonry, Add	*41.78*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.95*	
		For 70% Fluoropolymer Finish (Duranar), Add	*29.85*	
		For Clear Anodized Finish, Add	*24.88*	
		For Color Anodized Finish, Add	*34.83*	
08 51 13 00-0147	SF	>15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	38.07	2.93
		For Installation In Concrete Or Masonry, Add	*1.81*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.66*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.99*	
		For Clear Anodized Finish, Add	*1.66*	
		For Color Anodized Finish, Add	*2.32*	

08 51 13 00-0148 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) *(08 51 13 00-0127)*

08 51 13 00-0149	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	518.46	78.24
		For Installation In Concrete Or Masonry, Add	*35.78*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.76*	
		For 70% Fluoropolymer Finish (Duranar), Add	*23.28*	
		For Clear Anodized Finish, Add	*19.40*	
		For Color Anodized Finish, Add	*27.16*	
08 51 13 00-0150	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	574.63	83.12
		For Installation In Concrete Or Masonry, Add	*38.61*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.72*	
		For 70% Fluoropolymer Finish (Duranar), Add	*26.17*	
		For Clear Anodized Finish, Add	*21.80*	
		For Color Anodized Finish, Add	*30.53*	
08 51 13 00-0151	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	639.49	88.01
		For Installation In Concrete Or Masonry, Add	*41.66*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.86*	
		For 70% Fluoropolymer Finish (Duranar), Add	*29.57*	
		For Clear Anodized Finish, Add	*24.64*	
		For Color Anodized Finish, Add	*34.50*	
08 51 13 00-0152	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	37.74	2.93
		For Installation In Concrete Or Masonry, Add	*1.80*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.66*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.97*	
		For Clear Anodized Finish, Add	*1.64*	
		For Color Anodized Finish, Add	*2.30*	

08 51 13 00-0153 Fixed Over Vent, Projected Aluminum Windows *(08 51 13 00-0126)*

08 51 13 00-0154 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) *(08 51 13 00-0153)*

08 51 13 00-0155	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	464.58	78.24
		For Installation In Concrete Or Masonry, Add	*34.43*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.68*	
		For 70% Fluoropolymer Finish (Duranar), Add	*20.05*	
		For Clear Anodized Finish, Add	*16.71*	
		For Color Anodized Finish, Add	*23.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0156	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	511.85	83.12
		For Installation In Concrete Or Masonry, Add	*37.04*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.47*	
		For 70% Fluoropolymer Finish (Duranar), Add	*22.40*	
		For Clear Anodized Finish, Add	*18.67*	
		For Color Anodized Finish, Add	*26.13*	
08 51 13 00-0157	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	566.35	88.01
		For Installation In Concrete Or Masonry, Add	*39.83*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.39*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.18*	
		For Clear Anodized Finish, Add	*20.98*	
		For Color Anodized Finish, Add	*29.38*	
08 51 13 00-0158	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	32.83	2.93
		For Installation In Concrete Or Masonry, Add	*1.68*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.56*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.68*	
		For Clear Anodized Finish, Add	*1.40*	
		For Color Anodized Finish, Add	*1.96*	

08 51 13 00-0159 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) *(08 51 13 00-0153)*

08 51 13 00-0160	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	632.42	78.24
		For Installation In Concrete Or Masonry, Add	*38.63*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.04*	
		For 70% Fluoropolymer Finish (Duranar), Add	*30.12*	
		For Clear Anodized Finish, Add	*25.10*	
		For Color Anodized Finish, Add	*35.14*	
08 51 13 00-0161	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	707.39	83.12
		For Installation In Concrete Or Masonry, Add	*41.93*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.38*	
		For 70% Fluoropolymer Finish (Duranar), Add	*34.13*	
		For Clear Anodized Finish, Add	*28.44*	
		For Color Anodized Finish, Add	*39.82*	
08 51 13 00-0162	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	794.16	88.01
		For Installation In Concrete Or Masonry, Add	*45.53*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.95*	
		For 70% Fluoropolymer Finish (Duranar), Add	*38.85*	
		For Clear Anodized Finish, Add	*32.37*	
		For Color Anodized Finish, Add	*45.32*	
08 51 13 00-0163	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	48.05	2.93
		For Installation In Concrete Or Masonry, Add	*2.06*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.86*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.59*	
		For Clear Anodized Finish, Add	*2.16*	
		For Color Anodized Finish, Add	*3.02*	

08 51 13 00-0164 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) *(08 51 13 00-0153)*

08 51 13 00-0165	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	667.76	78.24
		For Installation In Concrete Or Masonry, Add	*39.51*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.75*	
		For 70% Fluoropolymer Finish (Duranar), Add	*32.24*	
		For Clear Anodized Finish, Add	*26.87*	
		For Color Anodized Finish, Add	*37.62*	
08 51 13 00-0166	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	748.56	83.12
		For Installation In Concrete Or Masonry, Add	*42.96*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.20*	
		For 70% Fluoropolymer Finish (Duranar), Add	*36.60*	
		For Clear Anodized Finish, Add	*30.50*	
		For Color Anodized Finish, Add	*42.70*	
08 51 13 00-0167	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	842.12	88.01
		For Installation In Concrete Or Masonry, Add	*46.73*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.91*	
		For 70% Fluoropolymer Finish (Duranar), Add	*41.73*	
		For Clear Anodized Finish, Add	*34.77*	
		For Color Anodized Finish, Add	*48.68*	
08 51 13 00-0168	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	51.17	2.93
		For Installation In Concrete Or Masonry, Add	*2.14*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.93*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.78*	
		For Clear Anodized Finish, Add	*2.31*	
		For Color Anodized Finish, Add	*3.24*	

08 51 13 00-0169 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600) *(08 51 13 00-0153)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0170	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	664.23	78.24
		For Installation In Concrete Or Masonry, Add	*39.42*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.68*	
		For 70% Fluoropolymer Finish (Duranar), Add	*32.03*	
		For Clear Anodized Finish, Add	*26.69*	
		For Color Anodized Finish, Add	*37.37*	
08 51 13 00-0171	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	744.44	83.12
		For Installation In Concrete Or Masonry, Add	*42.86*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.12*	
		For 70% Fluoropolymer Finish (Duranar), Add	*36.35*	
		For Clear Anodized Finish, Add	*30.30*	
		For Color Anodized Finish, Add	*42.41*	
08 51 13 00-0172	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	837.32	88.01
		For Installation In Concrete Or Masonry, Add	*46.61*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.81*	
		For 70% Fluoropolymer Finish (Duranar), Add	*41.44*	
		For Clear Anodized Finish, Add	*34.53*	
		For Color Anodized Finish, Add	*48.34*	
08 51 13 00-0173	SF	>15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	50.93	2.93
		For Installation In Concrete Or Masonry, Add	*2.13*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.92*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.76*	
		For Clear Anodized Finish, Add	*2.30*	
		For Color Anodized Finish, Add	*3.22*	

08 51 13 00-0174 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750) *(08 51 13 00-0153)*

08 51 13 00-0175	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	719.00	78.24
		For Installation In Concrete Or Masonry, Add	*40.79*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.77*	
		For 70% Fluoropolymer Finish (Duranar), Add	*35.32*	
		For Clear Anodized Finish, Add	*29.43*	
		For Color Anodized Finish, Add	*41.20*	
08 51 13 00-0176	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	808.25	83.12
		For Installation In Concrete Or Masonry, Add	*44.45*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.39*	
		For 70% Fluoropolymer Finish (Duranar), Add	*40.18*	
		For Clear Anodized Finish, Add	*33.49*	
		For Color Anodized Finish, Add	*46.88*	
08 51 13 00-0177	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	911.66	88.01
		For Installation In Concrete Or Masonry, Add	*48.46*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.30*	
		For 70% Fluoropolymer Finish (Duranar), Add	*45.90*	
		For Clear Anodized Finish, Add	*38.25*	
		For Color Anodized Finish, Add	*53.55*	
08 51 13 00-0178	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	55.85	2.93
		For Installation In Concrete Or Masonry, Add	*2.25*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.02*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.06*	
		For Clear Anodized Finish, Add	*2.55*	
		For Color Anodized Finish, Add	*3.57*	

08 51 13 00-0179 Casement Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0180 Single Vent, Casement Aluminum Windows *(08 51 13 00-0179)*

08 51 13 00-0181 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220) *(08 51 13 00-0180)*

08 51 13 00-0182	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	392.13	78.24
		For Installation In Concrete Or Masonry, Add	*32.62*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.23*	
		For 70% Fluoropolymer Finish (Duranar), Add	*15.70*	
		For Clear Anodized Finish, Add	*13.09*	
		For Color Anodized Finish, Add	*18.32*	
08 51 13 00-0183	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	427.45	83.12
		For Installation In Concrete Or Masonry, Add	*34.93*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.78*	
		For 70% Fluoropolymer Finish (Duranar), Add	*17.33*	
		For Clear Anodized Finish, Add	*14.45*	
		For Color Anodized Finish, Add	*20.22*	
08 51 13 00-0184	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	468.03	88.01
		For Installation In Concrete Or Masonry, Add	*37.37*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.43*	
		For 70% Fluoropolymer Finish (Duranar), Add	*19.28*	
		For Clear Anodized Finish, Add	*16.07*	
		For Color Anodized Finish, Add	*22.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0185	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	26.32	2.93
		For Installation In Concrete Or Masonry, Add	*1.51*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.43*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.29*	
		For Clear Anodized Finish, Add	*1.07*	
		For Color Anodized Finish, Add	*1.50*	

08 51 13 00-0186 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200) *(08 51 13 00-0180)*

08 51 13 00-0187	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	552.92	78.24
		For Installation In Concrete Or Masonry, Add	*36.64*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.45*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.35*	
		For Clear Anodized Finish, Add	*21.13*	
		For Color Anodized Finish, Add	*29.58*	
08 51 13 00-0188	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	614.76	83.12
		For Installation In Concrete Or Masonry, Add	*39.61*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.52*	
		For 70% Fluoropolymer Finish (Duranar), Add	*28.57*	
		For Clear Anodized Finish, Add	*23.81*	
		For Color Anodized Finish, Add	*33.34*	
08 51 13 00-0189	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	686.25	88.01
		For Installation In Concrete Or Masonry, Add	*42.83*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.79*	
		For 70% Fluoropolymer Finish (Duranar), Add	*32.37*	
		For Clear Anodized Finish, Add	*26.98*	
		For Color Anodized Finish, Add	*37.77*	
08 51 13 00-0190	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	40.86	2.93
		For Installation In Concrete Or Masonry, Add	*1.88*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.72*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.16*	
		For Clear Anodized Finish, Add	*1.80*	
		For Color Anodized Finish, Add	*2.52*	

08 51 13 00-0191 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200) *(08 51 13 00-0180)*

08 51 13 00-0192	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	555.57	78.24
		For Installation In Concrete Or Masonry, Add	*36.71*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.50*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.51*	
		For Clear Anodized Finish, Add	*21.26*	
		For Color Anodized Finish, Add	*29.76*	
08 51 13 00-0193	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	617.85	83.12
		For Installation In Concrete Or Masonry, Add	*39.69*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.59*	
		For 70% Fluoropolymer Finish (Duranar), Add	*28.76*	
		For Clear Anodized Finish, Add	*23.97*	
		For Color Anodized Finish, Add	*33.55*	
08 51 13 00-0194	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	689.85	88.01
		For Installation In Concrete Or Masonry, Add	*42.92*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.86*	
		For 70% Fluoropolymer Finish (Duranar), Add	*32.59*	
		For Clear Anodized Finish, Add	*27.16*	
		For Color Anodized Finish, Add	*38.02*	
08 51 13 00-0195	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	41.10	2.93
		For Installation In Concrete Or Masonry, Add	*1.88*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.72*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.17*	
		For Clear Anodized Finish, Add	*1.81*	
		For Color Anodized Finish, Add	*2.53*	

08 51 13 00-0196 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720) *(08 51 13 00-0180)*

08 51 13 00-0197	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	582.95	78.24
		For Installation In Concrete Or Masonry, Add	*37.39*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.05*	
		For 70% Fluoropolymer Finish (Duranar), Add	*27.15*	
		For Clear Anodized Finish, Add	*22.63*	
		For Color Anodized Finish, Add	*31.68*	
08 51 13 00-0198	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	649.76	83.12
		For Installation In Concrete Or Masonry, Add	*40.49*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.22*	
		For 70% Fluoropolymer Finish (Duranar), Add	*30.67*	
		For Clear Anodized Finish, Add	*25.56*	
		For Color Anodized Finish, Add	*35.79*	
08 51 13 00-0199	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	727.02	88.01
		For Installation In Concrete Or Masonry, Add	*43.85*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.61*	
		For 70% Fluoropolymer Finish (Duranar), Add	*34.82*	
		For Clear Anodized Finish, Add	*29.02*	
		For Color Anodized Finish, Add	*40.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0200	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	43.58	2.93
		For Installation In Concrete Or Masonry, Add	*1.95*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.77*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.32*	
		For Clear Anodized Finish, Add	*1.93*	
		For Color Anodized Finish, Add	*2.71*	

08 51 13 00-0201 Fixed Over Vent, Casement Aluminum Windows *(08 51 13 00-0179)*

08 51 13 00-0202 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) *(08 51 13 00-0201)*

08 51 13 00-0203	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	440.72	78.24
		For Installation In Concrete Or Masonry, Add	*33.84*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.21*	
		For 70% Fluoropolymer Finish (Duranar), Add	*18.62*	
		For Clear Anodized Finish, Add	*15.52*	
		For Color Anodized Finish, Add	*21.72*	
08 51 13 00-0204	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	484.06	83.12
		For Installation In Concrete Or Masonry, Add	*36.35*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.91*	
		For 70% Fluoropolymer Finish (Duranar), Add	*20.73*	
		For Clear Anodized Finish, Add	*17.28*	
		For Color Anodized Finish, Add	*24.19*	
08 51 13 00-0205	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	533.98	88.01
		For Installation In Concrete Or Masonry, Add	*39.02*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.75*	
		For 70% Fluoropolymer Finish (Duranar), Add	*23.24*	
		For Clear Anodized Finish, Add	*19.36*	
		For Color Anodized Finish, Add	*27.11*	
08 51 13 00-0206	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	30.70	2.93
		For Installation In Concrete Or Masonry, Add	*1.62*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.52*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.55*	
		For Clear Anodized Finish, Add	*1.29*	
		For Color Anodized Finish, Add	*1.81*	

08 51 13 00-0207 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) *(08 51 13 00-0201)*

08 51 13 00-0208	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	601.50	78.24
		For Installation In Concrete Or Masonry, Add	*37.86*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.42*	
		For 70% Fluoropolymer Finish (Duranar), Add	*28.27*	
		For Clear Anodized Finish, Add	*23.56*	
		For Color Anodized Finish, Add	*32.98*	
08 51 13 00-0209	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	671.36	83.12
		For Installation In Concrete Or Masonry, Add	*41.03*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.66*	
		For 70% Fluoropolymer Finish (Duranar), Add	*31.97*	
		For Clear Anodized Finish, Add	*26.64*	
		For Color Anodized Finish, Add	*37.30*	
08 51 13 00-0210	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	752.20	88.01
		For Installation In Concrete Or Masonry, Add	*44.48*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.11*	
		For 70% Fluoropolymer Finish (Duranar), Add	*36.33*	
		For Clear Anodized Finish, Add	*30.28*	
		For Color Anodized Finish, Add	*42.39*	
08 51 13 00-0211	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	45.26	2.93
		For Installation In Concrete Or Masonry, Add	*1.99*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.81*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.42*	
		For Clear Anodized Finish, Add	*2.02*	
		For Color Anodized Finish, Add	*2.83*	

08 51 13 00-0212 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) *(08 51 13 00-0201)*

08 51 13 00-0213	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	660.70	78.24
		For Installation In Concrete Or Masonry, Add	*39.34*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.61*	
		For 70% Fluoropolymer Finish (Duranar), Add	*31.82*	
		For Clear Anodized Finish, Add	*26.52*	
		For Color Anodized Finish, Add	*37.12*	
08 51 13 00-0214	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	740.33	83.12
		For Installation In Concrete Or Masonry, Add	*42.75*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.04*	
		For 70% Fluoropolymer Finish (Duranar), Add	*36.11*	
		For Clear Anodized Finish, Add	*30.09*	
		For Color Anodized Finish, Add	*42.13*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0215	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	832.53	88.01
		For Installation In Concrete Or Masonry, Add	*46.49*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.72*	
		For 70% Fluoropolymer Finish (Duranar), Add	*41.15*	
		For Clear Anodized Finish, Add	*34.29*	
		For Color Anodized Finish, Add	*48.01*	
08 51 13 00-0216	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	50.61	2.93
		For Installation In Concrete Or Masonry, Add	*2.12*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.91*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.74*	
		For Clear Anodized Finish, Add	*2.29*	
		For Color Anodized Finish, Add	*3.20*	

08 51 13 00-0217 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) *(08 51 13 00-0201)*

08 51 13 00-0218	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	714.58	78.24
		For Installation In Concrete Or Masonry, Add	*40.68*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.68*	
		For 70% Fluoropolymer Finish (Duranar), Add	*35.05*	
		For Clear Anodized Finish, Add	*29.21*	
		For Color Anodized Finish, Add	*40.89*	
08 51 13 00-0219	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	803.11	83.12
		For Installation In Concrete Or Masonry, Add	*44.32*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.29*	
		For 70% Fluoropolymer Finish (Duranar), Add	*39.87*	
		For Clear Anodized Finish, Add	*33.23*	
		For Color Anodized Finish, Add	*46.52*	
08 51 13 00-0220	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	905.67	88.01
		For Installation In Concrete Or Masonry, Add	*48.31*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.18*	
		For 70% Fluoropolymer Finish (Duranar), Add	*45.54*	
		For Clear Anodized Finish, Add	*37.95*	
		For Color Anodized Finish, Add	*53.13*	
08 51 13 00-0221	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	55.49	2.93
		For Installation In Concrete Or Masonry, Add	*2.24*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.01*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.04*	
		For Clear Anodized Finish, Add	*2.53*	
		For Color Anodized Finish, Add	*3.54*	

08 51 13 00-0222 Aluminum Window Accessories *(08 51 13)*

08 51 13 00-0223 Aluminum Window Mullions *(08 51 13 00-0222)*

08 51 13 00-0224	LF	Integral Mullions For Aluminum Windows	14.42	3.66
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.15*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.46*	
		For Clear Anodized Finish, Add	*0.38*	
		For Color Anodized Finish, Add	*0.53*	

08 51 13 00-0225 Aluminum Window Insect Screens *(08 51 13 00-0222)*

Note: Includes aluminum frames.

08 51 13 00-0226	SF	<10 SF Area Including Aluminum Frame, Insect Screens For Aluminum Windows	4.63	1.22
08 51 13 00-0227	SF	>10 SF Area Including Aluminum Frame, Insect Screens For Aluminum Windows	3.20	0.98
08 51 13 00-0228	SF	Repair Screen Window	3.94	

08 51 13 00-0229 Aluminum Window Panning *(08 51 13 00-0222)*

Note: Panning price is determined by window size. For windows greater than 30 square feet multiply window square footage by square foot price.

08 51 13 00-0230	EA	Up To 6 SF Window, Aluminum Window Panning	139.85	29.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.81*	
		For 70% Fluoropolymer Finish (Duranar), Add	*5.43*	
		For Clear Anodized Finish, Add	*4.52*	
		For Color Anodized Finish, Add	*6.33*	
08 51 13 00-0231	EA	>6 To 10 SF Window, Aluminum Window Panning	198.93	49.38
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.33*	
		For 70% Fluoropolymer Finish (Duranar), Add	*7.00*	
		For Clear Anodized Finish, Add	*5.83*	
		For Color Anodized Finish, Add	*8.16*	
08 51 13 00-0232	EA	>10 To 15 SF Window, Aluminum Window Panning	250.99	74.07
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.55*	
		For 70% Fluoropolymer Finish (Duranar), Add	*7.65*	
		For Clear Anodized Finish, Add	*6.38*	
		For Color Anodized Finish, Add	*8.93*	
08 51 13 00-0233	EA	>15 To 20 SF Window, Aluminum Window Panning	305.22	98.77
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.81*	
		For 70% Fluoropolymer Finish (Duranar), Add	*8.44*	
		For Clear Anodized Finish, Add	*7.03*	
		For Color Anodized Finish, Add	*9.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0234	EA	>20 To 30 SF Window, Aluminum Window Panning	412.59	148.15
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.31*	
		For 70% Fluoropolymer Finish (Duranar), Add	*9.94*	
		For Clear Anodized Finish, Add	*8.28*	
		For Color Anodized Finish, Add	*11.60*	
08 51 13 00-0235	SF	>30 SF Window, Aluminum Window Panning	15.47	6.18
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.10*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.31*	
		For Clear Anodized Finish, Add	*0.26*	
		For Color Anodized Finish, Add	*0.36*	

08 51 13 00-0236 Aluminum Window Muntins, Grilles Or Dividers *(08 51 13 00-0222)*

08 51 13 00-0237	SF	Applied (Per Side) Muntins Grilles Or Dividers For Aluminum Windows	5.38	3.66
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.01*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.03*	
		For Clear Anodized Finish, Add	*0.02*	
		For Color Anodized Finish, Add	*0.03*	
08 51 13 00-0238	SF	Internal Only (Between Glass) Muntins, Grilles Or Dividers For Aluminum Windows	6.80	3.66
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.04*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.11*	
		For Clear Anodized Finish, Add	*0.10*	
		For Color Anodized Finish, Add	*0.13*	
08 51 13 00-0239	SF	Simulated Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	14.94	3.66
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.05*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.16*	
		For Clear Anodized Finish, Add	*0.14*	
		For Color Anodized Finish, Add	*0.19*	
08 51 13 00-0240	SF	True Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	17.67	3.66
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.08*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.23*	
		For Clear Anodized Finish, Add	*0.19*	
		For Color Anodized Finish, Add	*0.27*	

08 51 13 00-0241 Other Aluminum Window Accessories *(08 51 13 00-0222)*

08 51 13 00-0242	EA	Roto Operator For Casement Aluminum Windows	102.40	16.29
08 51 13 00-0243	EA	Head And Sill Automatic Locks For Hung Aluminum Windows	54.44	16.29

08 51 19 Stainless-Steel Windows *(08 51)*

See CSI section 08 80 00 00-0000 for glazing.

08 51 19 00-0001 Stainless Steel Windows Types *(08 51 19)*

08 51 19 00-0002	SF	Stainless Steel Window Casements, 100% Vented Operable, Factory Primed	63.33	4.89
		For Heavy Commercial Grade (HC-40), Add	*26.05*	
		For Non Stock Custom Sizes, Add	*5.52*	
		For Installation In Concrete Or Masonry, Add	*3.01*	
08 51 19 00-0003	SF	Stainless Steel Window Casements, 50% Vented Operable, Factory Primed	56.19	4.89
		For Heavy Commercial Grade (HC-40), Add	*22.84*	
		For Non Stock Custom Sizes, Add	*4.80*	
		For Installation In Concrete Or Masonry, Add	*2.83*	
08 51 19 00-0004	SF	Stainless Steel Window Casements, Fixed Sash, Factory Primed	40.67	4.89
		For Heavy Commercial Grade (HC-40), Add	*15.86*	
		For Non Stock Custom Sizes, Add	*3.25*	
		For Installation In Concrete Or Masonry, Add	*2.44*	
08 51 19 00-0005	SF	Stainless Steel Window, Fixed Sash	45.17	4.89
		For Heavy Commercial Grade (HC-40), Add	*17.88*	
		For Non Stock Custom Sizes, Add	*3.70*	
		For Installation In Concrete Or Masonry, Add	*2.56*	
08 51 19 00-0006	SF	Stainless Steel Window With Horizontal Pivot Sash	77.24	4.89
		For Heavy Commercial Grade (HC-40), Add	*32.31*	
		For Non Stock Custom Sizes, Add	*6.91*	
		For Installation In Concrete Or Masonry, Add	*3.36*	
08 51 19 00-0007	SF	Commercial Projected Sash Window - 40% Vented Stainless Steel	80.88	4.89
		For Heavy Commercial Grade (HC-40), Add	*33.95*	
		For Non Stock Custom Sizes, Add	*7.27*	
		For Installation In Concrete Or Masonry, Add	*3.45*	
08 51 19 00-0008	SF	Intermediate Projected Sash Window - 40% Vented Stainless Steel	89.50	4.89
		For Heavy Commercial Grade (HC-40), Add	*37.83*	
		For Non Stock Custom Sizes, Add	*8.14*	
		For Installation In Concrete Or Masonry, Add	*3.66*	
08 51 19 00-0009	SF	Double Hung Stainless Steel Window Sash	98.09	4.89
		For Heavy Commercial Grade (HC-40), Add	*41.70*	
		For Non Stock Custom Sizes, Add	*8.99*	
		For Installation In Concrete Or Masonry, Add	*3.88*	
08 51 19 00-0010	SF	Single Hung Stainless Steel Window Sash	68.80	4.89
		For Heavy Commercial Grade (HC-40), Add	*28.52*	
		For Non Stock Custom Sizes, Add	*6.07*	
		For Installation In Concrete Or Masonry, Add	*3.15*	
08 51 19 00-0011	SF	Stainless Steel Picture Window Sash	57.16	4.89
		For Heavy Commercial Grade (HC-40), Add	*23.28*	
		For Non Stock Custom Sizes, Add	*4.90*	
		For Installation In Concrete Or Masonry, Add	*2.86*	
08 51 19 00-0012	SF	Sliding Stainless Steel Window	101.25	4.89
		For Heavy Commercial Grade (HC-40), Add	*43.12*	
		For Non Stock Custom Sizes, Add	*9.31*	
		For Installation In Concrete Or Masonry, Add	*3.96*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 51 23 Steel Windows *(08 51)*

Note: All sashes are factory primed. See CSI section 08 80 00 00-0000 for glazing.

08 51 23 00-0001 Steel Windows *(08 51 23)*

08 51 23 00-0002 Industrial *(08 51 23 00-0001)*

08 51 23 00-0003	SF	Industrial Steel Window With Horizontal Pivot Sash	48.39	4.89
		For Heavy Commercial Grade (HC-40), Add	*19.33*	
		For Non Stock Custom Sizes, Add	*4.02*	
		For Double Glazing Sash, Add	*24.63*	
		For Bonderized Finish, Add	*15.29*	
		For Installation In Concrete Or Masonry, Add	*2.64*	
08 51 23 00-0004	SF	Industrial Steel Window, Fixed Sash	43.23	4.89
		For Heavy Commercial Grade (HC-40), Add	*17.01*	
		For Non Stock Custom Sizes, Add	*3.51*	
		For Double Glazing Sash, Add	*21.54*	
		For Bonderized Finish, Add	*13.33*	
		For Installation In Concrete Or Masonry, Add	*2.51*	
08 51 23 00-0005	SF	Industrial Steel Window, Operable Security Sash	69.54	4.89
		For Heavy Commercial Grade (HC-40), Add	*28.85*	
		For Non Stock Custom Sizes, Add	*6.14*	
		For Double Glazing Sash, Add	*37.32*	
		For Bonderized Finish, Add	*23.33*	
		For Installation In Concrete Or Masonry, Add	*3.16*	
08 51 23 00-0006	SF	Industrial Steel Window, Fixed Security Sash	59.22	4.89
		For Heavy Commercial Grade (HC-40), Add	*24.20*	
		For Non Stock Custom Sizes, Add	*5.11*	
		For Double Glazing Sash, Add	*31.13*	
		For Bonderized Finish, Add	*19.41*	
		For Installation In Concrete Or Masonry, Add	*2.91*	

08 51 23 00-0007 Projected Sash *(08 51 23 00-0001)*

08 51 23 00-0008	SF	Commercial Projected Sash Window - 40% Vented Steel	56.08	4.89
		For Heavy Commercial Grade (HC-40), Add	*22.79*	
		For Non Stock Custom Sizes, Add	*4.79*	
		For Double Glazing Sash, Add	*29.25*	
		For Bonderized Finish, Add	*18.21*	
		For Installation In Concrete Or Masonry, Add	*2.83*	
08 51 23 00-0009	SF	Intermediate Projected Sash Window - 40% Vented Steel	61.75	4.89
		For Heavy Commercial Grade (HC-40), Add	*25.34*	
		For Non Stock Custom Sizes, Add	*5.36*	
		For Double Glazing Sash, Add	*32.65*	
		For Bonderized Finish, Add	*20.37*	
		For Installation In Concrete Or Masonry, Add	*2.97*	

08 51 23 00-0010 Other Type Sash *(08 51 23 00-0001)*

08 51 23 00-0011	SF	Double Hung Steel Window Sash	71.77	4.89
		For Heavy Commercial Grade (HC-40), Add	*29.85*	
		For Non Stock Custom Sizes, Add	*6.36*	
		For Double Glazing Sash, Add	*38.66*	
		For Bonderized Finish, Add	*24.18*	
		For Installation In Concrete Or Masonry, Add	*3.22*	
08 51 23 00-0012	SF	Steel Picture Window Sash	31.38	4.89
		For Heavy Commercial Grade (HC-40), Add	*11.68*	
		For Non Stock Custom Sizes, Add	*2.32*	
		For Double Glazing Sash, Add	*14.43*	
		For Bonderized Finish, Add	*8.83*	
		For Installation In Concrete Or Masonry, Add	*2.21*	
08 51 23 00-0013	SF	Fire Rated Double Hung Steel Window Sash	74.00	6.11
		For Heavy Commercial Grade (HC-40), Add	*30.86*	
		For Non Stock Custom Sizes, Add	*6.59*	
		For Double Glazing Sash, Add	*40.00*	
		For Bonderized Finish, Add	*25.02*	
		For Installation In Concrete Or Masonry, Add	*3.28*	
08 51 23 00-0014	SF	Single Hung Steel Window Sash	51.06	4.89
		For Heavy Commercial Grade (HC-40), Add	*20.53*	
		For Non Stock Custom Sizes, Add	*4.29*	
		For Double Glazing Sash, Add	*26.24*	
		For Bonderized Finish, Add	*16.31*	
		For Installation In Concrete Or Masonry, Add	*2.70*	

08 51 23 00-0015 Casements *(08 51 23 00-0001)*

08 51 23 00-0016	SF	Steel Window Casements, 100% Vented Operable, Factory Primed	64.44	2.45
		For Double Glazing Sash, Add	*34.26*	
		For Bonderized Finish, Add	*21.39*	
		For Heavy Commercial Grade (HC-40), Add	*26.55*	
		For Non Stock Custom Sizes, Add	*5.63*	
		For Installation In Concrete Or Masonry, Add	*3.04*	
08 51 23 00-0017	SF	Steel Window Casements, 50% Vented Operable, Factory Primed	55.86	2.45
		For Double Glazing Sash, Add	*29.12*	
		For Bonderized Finish, Add	*18.13*	
		For Heavy Commercial Grade (HC-40), Add	*22.69*	
		For Non Stock Custom Sizes, Add	*4.77*	
		For Installation In Concrete Or Masonry, Add	*2.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 23 00-0018	SF	Steel Window Casements, Fixed Sash, Factory Primed	39.68	3.66
		For Double Glazing Sash, Add	*19.41*	
		For Bonderized Finish, Add	*11.98*	
		For Heavy Commercial Grade (HC-40), Add	*15.41*	
		For Non Stock Custom Sizes, Add	*3.15*	
		For Installation In Concrete Or Masonry, Add	*2.42*	

08 51 23 00-0019 Window Hardware *(08 51 23 00-0001)*

08 51 23 00-0020	EA	Window Pole Hook	61.41	
08 51 23 00-0021	EA	Window Pole	15.28	
08 51 23 00-0022	PR	Window Cleaner Anchor Bolt	410.37	

08 51 23 00-0023 Mullions *(08 51 23 00-0001)*

08 51 23 00-0024	LF	Open Faced Steel Mullion	23.78	3.66
08 51 23 00-0025	LF	Covered Steel Mullions	40.00	3.66

08 51 23 00-0026 Removal And Reinstallation Of Metal Window And Frame *(08 51 23)*

Note: Steel or aluminum frame. Includes storage, cleaning and supply materials, caulk and sealants.

08 51 23 00-0027	SF	Remove And Reinstall Metal Window And Frame	12.72	

08 52 Wood Windows *(08 50)*

08 52 16 Plastic-Clad Wood Windows *(08 52)*

08 52 16 00-0001 Double Hung Wood Clad Windows *(08 52 16)*

08 52 16 00-0002 Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0001)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0003 35-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0004	EA	23-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	234.93	37.48
		For Low-E Insulated Glass, Add	*19.19*	
		For Tempered Clear Insulated Glass, Add	*31.99*	
08 52 16 00-0005	EA	27-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	248.57	39.12
		For Low-E Insulated Glass, Add	*20.44*	
		For Tempered Clear Insulated Glass, Add	*34.07*	
08 52 16 00-0006	EA	31-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	261.34	40.75
		For Low-E Insulated Glass, Add	*21.58*	
		For Tempered Clear Insulated Glass, Add	*35.97*	
08 52 16 00-0007	EA	35-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	274.10	42.38
		For Low-E Insulated Glass, Add	*22.72*	
		For Tempered Clear Insulated Glass, Add	*37.87*	

08 52 16 00-0008 41-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0009	EA	23-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	254.52	39.93
		For Low-E Insulated Glass, Add	*20.96*	
		For Tempered Clear Insulated Glass, Add	*34.93*	
08 52 16 00-0010	EA	27-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	268.14	41.56
		For Low-E Insulated Glass, Add	*22.20*	
		For Tempered Clear Insulated Glass, Add	*37.00*	
08 52 16 00-0011	EA	31-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	280.92	43.19
		For Low-E Insulated Glass, Add	*23.34*	
		For Tempered Clear Insulated Glass, Add	*38.91*	
08 52 16 00-0012	EA	35-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	293.70	44.82
		For Low-E Insulated Glass, Add	*24.49*	
		For Tempered Clear Insulated Glass, Add	*40.81*	

08 52 16 00-0013 47-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0014	EA	23-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	274.10	42.38
		For Low-E Insulated Glass, Add	*22.72*	
		For Tempered Clear Insulated Glass, Add	*37.87*	
08 52 16 00-0015	EA	27-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	286.87	44.01
		For Low-E Insulated Glass, Add	*23.86*	
		For Tempered Clear Insulated Glass, Add	*39.77*	
08 52 16 00-0016	EA	31-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	300.51	45.64
		For Low-E Insulated Glass, Add	*25.11*	
		For Tempered Clear Insulated Glass, Add	*41.85*	
08 52 16 00-0017	EA	35-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	313.28	47.27
		For Low-E Insulated Glass, Add	*26.25*	
		For Tempered Clear Insulated Glass, Add	*43.75*	

08 52 16 00-0018 53-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0019	EA	23-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	293.70	44.82
		For Low-E Insulated Glass, Add	*24.49*	
		For Tempered Clear Insulated Glass, Add	*40.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0020	EA	27-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	306.47	46.45
		For Low-E Insulated Glass, Add	*25.63*	
		For Tempered Clear Insulated Glass, Add	*42.71*	
08 52 16 00-0021	EA	31-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	319.24	48.08
		For Low-E Insulated Glass, Add	*26.77*	
		For Tempered Clear Insulated Glass, Add	*44.61*	
08 52 16 00-0022	EA	35-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	332.87	49.71
		For Low-E Insulated Glass, Add	*28.01*	
		For Tempered Clear Insulated Glass, Add	*46.69*	

08 52 16 00-0023 56-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0024	EA	19-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	290.28	44.82
		For Low-E Insulated Glass, Add	*24.17*	
		For Tempered Clear Insulated Glass, Add	*40.29*	
08 52 16 00-0025	EA	23-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	303.05	46.05
		For Low-E Insulated Glass, Add	*25.32*	
		For Tempered Clear Insulated Glass, Add	*42.19*	
08 52 16 00-0026	EA	27-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	316.69	48.08
		For Low-E Insulated Glass, Add	*26.56*	
		For Tempered Clear Insulated Glass, Add	*44.27*	
08 52 16 00-0027	EA	31-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	329.46	49.71
		For Low-E Insulated Glass, Add	*27.70*	
		For Tempered Clear Insulated Glass, Add	*46.17*	
08 52 16 00-0028	EA	35-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	342.24	51.35
		For Low-E Insulated Glass, Add	*28.84*	
		For Tempered Clear Insulated Glass, Add	*48.07*	
08 52 16 00-0029	EA	39-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	355.01	52.98
		For Low-E Insulated Glass, Add	*29.98*	
		For Tempered Clear Insulated Glass, Add	*49.97*	

08 52 16 00-0030 59-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0031	EA	19-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	300.51	45.64
		For Low-E Insulated Glass, Add	*25.11*	
		For Tempered Clear Insulated Glass, Add	*41.85*	
08 52 16 00-0032	EA	23-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	313.28	47.27
		For Low-E Insulated Glass, Add	*26.25*	
		For Tempered Clear Insulated Glass, Add	*43.75*	
08 52 16 00-0033	EA	27-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	326.05	48.90
		For Low-E Insulated Glass, Add	*27.39*	
		For Tempered Clear Insulated Glass, Add	*45.65*	
08 52 16 00-0034	EA	31-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	338.82	50.53
		For Low-E Insulated Glass, Add	*28.53*	
		For Tempered Clear Insulated Glass, Add	*47.55*	
08 52 16 00-0035	EA	35-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	351.60	52.16
		For Low-E Insulated Glass, Add	*29.67*	
		For Tempered Clear Insulated Glass, Add	*49.46*	
08 52 16 00-0036	EA	39-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	365.22	53.79
		For Low-E Insulated Glass, Add	*30.92*	
		For Tempered Clear Insulated Glass, Add	*51.53*	

08 52 16 00-0037 65-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0038	EA	23-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	332.87	49.71
		For Low-E Insulated Glass, Add	*28.01*	
		For Tempered Clear Insulated Glass, Add	*46.69*	
08 52 16 00-0039	EA	27-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	345.64	51.35
		For Low-E Insulated Glass, Add	*29.15*	
		For Tempered Clear Insulated Glass, Add	*48.59*	
08 52 16 00-0040	EA	31-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	358.41	52.98
		For Low-E Insulated Glass, Add	*30.30*	
		For Tempered Clear Insulated Glass, Add	*50.49*	
08 52 16 00-0041	EA	35-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	371.17	54.61
		For Low-E Insulated Glass, Add	*31.44*	
		For Tempered Clear Insulated Glass, Add	*52.39*	

08 52 16 00-0042 71-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0043	EA	23-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	351.60	52.16
		For Low-E Insulated Glass, Add	*29.67*	
		For Tempered Clear Insulated Glass, Add	*49.46*	
08 52 16 00-0044	EA	27-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	365.22	53.79
		For Low-E Insulated Glass, Add	*30.92*	
		For Tempered Clear Insulated Glass, Add	*51.53*	
08 52 16 00-0045	EA	31-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	377.99	55.42
		For Low-E Insulated Glass, Add	*32.06*	
		For Tempered Clear Insulated Glass, Add	*53.43*	
08 52 16 00-0046	EA	35-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	390.77	57.05
		For Low-E Insulated Glass, Add	*33.20*	
		For Tempered Clear Insulated Glass, Add	*55.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0047		Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0001)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0048		36-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*		
08 52 16 00-0049	EA	21-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	285.99	37.48
		For Tempered Low-E Insulated Glass, Add	*42.37*	
08 52 16 00-0050	EA	25-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	303.09	38.71
		For Tempered Low-E Insulated Glass, Add	*45.13*	
08 52 16 00-0051	EA	29-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	321.05	40.34
		For Tempered Low-E Insulated Glass, Add	*48.07*	
08 52 16 00-0052	EA	31-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	330.46	41.56
		For Tempered Low-E Insulated Glass, Add	*49.63*	
08 52 16 00-0053	EA	33-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	339.00	42.38
		For Tempered Low-E Insulated Glass, Add	*51.01*	
08 52 16 00-0054	EA	35-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	347.54	43.19
		For Tempered Low-E Insulated Glass, Add	*52.39*	
08 52 16 00-0055	EA	37-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	356.96	43.60
		For Tempered Low-E Insulated Glass, Add	*53.95*	
08 52 16 00-0056	EA	41-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	374.05	45.24
		For Tempered Low-E Insulated Glass, Add	*56.72*	
08 52 16 00-0057	EA	45-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	392.01	46.87
		For Tempered Low-E Insulated Glass, Add	*59.66*	
08 52 16 00-0058		40-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*		
08 52 16 00-0059	EA	21-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	303.09	39.12
		For Tempered Low-E Insulated Glass, Add	*45.13*	
08 52 16 00-0060	EA	25-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	321.05	40.34
		For Tempered Low-E Insulated Glass, Add	*48.07*	
08 52 16 00-0061	EA	29-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	339.00	41.97
		For Tempered Low-E Insulated Glass, Add	*51.01*	
08 52 16 00-0062	EA	31-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	347.54	43.19
		For Tempered Low-E Insulated Glass, Add	*52.39*	
08 52 16 00-0063	EA	33-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	356.96	44.01
		For Tempered Low-E Insulated Glass, Add	*53.95*	
08 52 16 00-0064	EA	35-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	365.50	44.82
		For Tempered Low-E Insulated Glass, Add	*55.33*	
08 52 16 00-0065	EA	37-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	374.05	45.24
		For Tempered Low-E Insulated Glass, Add	*56.72*	
08 52 16 00-0066	EA	41-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	392.01	46.87
		For Tempered Low-E Insulated Glass, Add	*59.66*	
08 52 16 00-0067	EA	45-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	409.97	48.49
		For Tempered Low-E Insulated Glass, Add	*62.60*	
08 52 16 00-0068		44-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*		
08 52 16 00-0069	EA	21-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	321.05	40.75
		For Tempered Low-E Insulated Glass, Add	*48.07*	
08 52 16 00-0070	EA	25-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	339.00	41.97
		For Tempered Low-E Insulated Glass, Add	*51.01*	
08 52 16 00-0071	EA	29-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	356.96	43.60
		For Tempered Low-E Insulated Glass, Add	*53.95*	
08 52 16 00-0072	EA	31-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	365.50	44.82
		For Tempered Low-E Insulated Glass, Add	*55.33*	
08 52 16 00-0073	EA	33-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	374.05	45.64
		For Tempered Low-E Insulated Glass, Add	*56.72*	
08 52 16 00-0074	EA	35-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	383.46	46.45
		For Tempered Low-E Insulated Glass, Add	*58.27*	
08 52 16 00-0075	EA	37-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	392.01	46.87
		For Tempered Low-E Insulated Glass, Add	*59.66*	
08 52 16 00-0076	EA	41-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	409.97	48.49
		For Tempered Low-E Insulated Glass, Add	*62.60*	
08 52 16 00-0077	EA	45-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	427.92	50.12
		For Tempered Low-E Insulated Glass, Add	*65.54*	
08 52 16 00-0078		48-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*		
08 52 16 00-0079	EA	21-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	339.00	42.38
		For Tempered Low-E Insulated Glass, Add	*51.01*	
08 52 16 00-0080	EA	25-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	356.96	43.60
		For Tempered Low-E Insulated Glass, Add	*53.95*	
08 52 16 00-0081	EA	29-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	374.05	45.24
		For Tempered Low-E Insulated Glass, Add	*56.72*	
08 52 16 00-0082	EA	31-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	383.46	46.45
		For Tempered Low-E Insulated Glass, Add	*58.27*	
08 52 16 00-0083	EA	33-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	392.01	47.27
		For Tempered Low-E Insulated Glass, Add	*59.66*	
08 52 16 00-0084	EA	35-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	400.55	48.08
		For Tempered Low-E Insulated Glass, Add	*61.04*	
08 52 16 00-0085	EA	37-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	409.97	48.49
		For Tempered Low-E Insulated Glass, Add	*62.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0086	EA	41-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	427.92	50.12
		For Tempered Low-E Insulated Glass, Add	*65.54*	
08 52 16 00-0087	EA	45-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	445.03	51.75
		For Tempered Low-E Insulated Glass, Add	*68.30*	

08 52 16 00-0088 52-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0089	EA	21-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	356.96	44.01
		For Tempered Low-E Insulated Glass, Add	*53.95*	
08 52 16 00-0090	EA	25-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	374.05	45.24
		For Tempered Low-E Insulated Glass, Add	*56.72*	
08 52 16 00-0091	EA	29-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	392.01	46.87
		For Tempered Low-E Insulated Glass, Add	*59.66*	
08 52 16 00-0092	EA	31-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	400.55	48.08
		For Tempered Low-E Insulated Glass, Add	*61.04*	
08 52 16 00-0093	EA	33-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	409.97	48.90
		For Tempered Low-E Insulated Glass, Add	*62.60*	
08 52 16 00-0094	EA	35-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	418.51	49.71
		For Tempered Low-E Insulated Glass, Add	*63.98*	
08 52 16 00-0095	EA	37-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	427.92	50.12
		For Tempered Low-E Insulated Glass, Add	*65.54*	
08 52 16 00-0096	EA	41-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	445.03	51.75
		For Tempered Low-E Insulated Glass, Add	*68.30*	
08 52 16 00-0097	EA	45-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	462.98	53.38
		For Tempered Low-E Insulated Glass, Add	*71.24*	

08 52 16 00-0098 56-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0099	EA	21-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	374.05	45.64
		For Tempered Low-E Insulated Glass, Add	*56.72*	
08 52 16 00-0100	EA	25-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	392.01	46.87
		For Tempered Low-E Insulated Glass, Add	*59.66*	
08 52 16 00-0101	EA	29-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	409.97	48.49
		For Tempered Low-E Insulated Glass, Add	*62.60*	
08 52 16 00-0102	EA	31-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	418.51	49.71
		For Tempered Low-E Insulated Glass, Add	*63.98*	
08 52 16 00-0103	EA	33-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	427.92	50.53
		For Tempered Low-E Insulated Glass, Add	*65.54*	
08 52 16 00-0104	EA	35-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	436.48	51.35
		For Tempered Low-E Insulated Glass, Add	*66.92*	
08 52 16 00-0105	EA	37-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	445.03	51.75
		For Tempered Low-E Insulated Glass, Add	*68.30*	
08 52 16 00-0106	EA	41-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	462.98	53.38
		For Tempered Low-E Insulated Glass, Add	*71.24*	
08 52 16 00-0107	EA	45-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	480.93	55.01
		For Tempered Low-E Insulated Glass, Add	*74.18*	

08 52 16 00-0108 60-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0109	EA	21-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	392.01	47.27
		For Tempered Low-E Insulated Glass, Add	*59.66*	
08 52 16 00-0110	EA	25-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	409.97	48.49
		For Tempered Low-E Insulated Glass, Add	*62.60*	
08 52 16 00-0111	EA	29-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	427.92	50.12
		For Tempered Low-E Insulated Glass, Add	*65.54*	
08 52 16 00-0112	EA	31-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	436.48	51.35
		For Tempered Low-E Insulated Glass, Add	*66.92*	
08 52 16 00-0113	EA	33-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	445.03	52.16
		For Tempered Low-E Insulated Glass, Add	*68.30*	
08 52 16 00-0114	EA	35-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	454.44	52.98
		For Tempered Low-E Insulated Glass, Add	*69.86*	
08 52 16 00-0115	EA	37-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	462.98	53.38
		For Tempered Low-E Insulated Glass, Add	*71.24*	
08 52 16 00-0116	EA	41-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	480.93	55.01
		For Tempered Low-E Insulated Glass, Add	*74.18*	
08 52 16 00-0117	EA	45-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	498.03	56.64
		For Tempered Low-E Insulated Glass, Add	*76.95*	

08 52 16 00-0118 64-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0119	EA	21-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	409.97	48.90
		For Tempered Low-E Insulated Glass, Add	*62.60*	
08 52 16 00-0120	EA	25-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	427.92	50.12
		For Tempered Low-E Insulated Glass, Add	*65.54*	
08 52 16 00-0121	EA	29-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	445.03	51.75
		For Tempered Low-E Insulated Glass, Add	*68.30*	
08 52 16 00-0122	EA	31-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	454.44	52.98
		For Tempered Low-E Insulated Glass, Add	*69.86*	
08 52 16 00-0123	EA	33-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	462.98	53.79
		For Tempered Low-E Insulated Glass, Add	*71.24*	
08 52 16 00-0124	EA	35-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	471.52	54.61
		For Tempered Low-E Insulated Glass, Add	*72.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0125	EA	37-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	480.93	55.01
		For Tempered Low-E Insulated Glass, Add	*74.18*	
08 52 16 00-0126	EA	41-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	498.03	56.64
		For Tempered Low-E Insulated Glass, Add	*76.95*	
08 52 16 00-0127	EA	45-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	515.99	58.27
		For Tempered Low-E Insulated Glass, Add	*79.89*	

08 52 16 00-0128 68-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0129	EA	21-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	427.92	50.53
		For Tempered Low-E Insulated Glass, Add	*65.54*	
08 52 16 00-0130	EA	25-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	445.03	51.75
		For Tempered Low-E Insulated Glass, Add	*68.30*	
08 52 16 00-0131	EA	29-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	462.98	53.38
		For Tempered Low-E Insulated Glass, Add	*71.24*	
08 52 16 00-0132	EA	31-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	471.52	54.61
		For Tempered Low-E Insulated Glass, Add	*72.63*	
08 52 16 00-0133	EA	33-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	480.93	55.42
		For Tempered Low-E Insulated Glass, Add	*74.18*	
08 52 16 00-0134	EA	35-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	489.48	56.24
		For Tempered Low-E Insulated Glass, Add	*75.57*	
08 52 16 00-0135	EA	37-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	498.03	56.64
		For Tempered Low-E Insulated Glass, Add	*76.95*	
08 52 16 00-0136	EA	41-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	515.99	58.27
		For Tempered Low-E Insulated Glass, Add	*79.89*	
08 52 16 00-0137	EA	45-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	533.94	59.90
		For Tempered Low-E Insulated Glass, Add	*82.83*	

08 52 16 00-0138 72-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0139	EA	21-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	445.03	52.16
		For Tempered Low-E Insulated Glass, Add	*68.30*	
08 52 16 00-0140	EA	25-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	462.98	53.38
		For Tempered Low-E Insulated Glass, Add	*71.24*	
08 52 16 00-0141	EA	29-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	480.93	55.01
		For Tempered Low-E Insulated Glass, Add	*74.18*	
08 52 16 00-0142	EA	31-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	489.48	56.24
		For Tempered Low-E Insulated Glass, Add	*75.57*	
08 52 16 00-0143	EA	33-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	498.03	57.05
		For Tempered Low-E Insulated Glass, Add	*76.95*	
08 52 16 00-0144	EA	35-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	507.44	57.87
		For Tempered Low-E Insulated Glass, Add	*78.51*	
08 52 16 00-0145	EA	37-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	515.99	58.27
		For Tempered Low-E Insulated Glass, Add	*79.89*	
08 52 16 00-0146	EA	41-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	533.94	59.90
		For Tempered Low-E Insulated Glass, Add	*82.83*	
08 52 16 00-0147	EA	45-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	551.90	61.53
		For Tempered Low-E Insulated Glass, Add	*85.77*	

08 52 16 00-0148 76-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0149	EA	21-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	462.98	53.79
		For Tempered Low-E Insulated Glass, Add	*71.24*	
08 52 16 00-0150	EA	25-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	480.93	55.01
		For Tempered Low-E Insulated Glass, Add	*74.18*	
08 52 16 00-0151	EA	29-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	498.03	56.64
		For Tempered Low-E Insulated Glass, Add	*76.95*	
08 52 16 00-0152	EA	31-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	507.44	57.87
		For Tempered Low-E Insulated Glass, Add	*78.51*	
08 52 16 00-0153	EA	33-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	515.99	58.68
		For Tempered Low-E Insulated Glass, Add	*79.89*	
08 52 16 00-0154	EA	35-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	525.40	59.49
		For Tempered Low-E Insulated Glass, Add	*81.45*	
08 52 16 00-0155	EA	37-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	533.94	59.90
		For Tempered Low-E Insulated Glass, Add	*82.83*	
08 52 16 00-0156	EA	41-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	551.90	61.53
		For Tempered Low-E Insulated Glass, Add	*85.77*	
08 52 16 00-0157	EA	45-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	569.01	63.16
		For Tempered Low-E Insulated Glass, Add	*88.54*	

08 52 16 00-0158 84-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0159	EA	21-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	703.80	57.05
		For Tempered Low-E Insulated Glass, Add	*118.10*	
08 52 16 00-0160	EA	25-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	728.68	58.27
		For Tempered Low-E Insulated Glass, Add	*122.43*	
08 52 16 00-0161	EA	29-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	753.55	59.90
		For Tempered Low-E Insulated Glass, Add	*126.75*	
08 52 16 00-0162	EA	31-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	765.56	61.12
		For Tempered Low-E Insulated Glass, Add	*128.83*	
08 52 16 00-0163	EA	33-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	778.43	61.93
		For Tempered Low-E Insulated Glass, Add	*131.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0164	EA	35-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	790.43	62.75
		For Tempered Low-E Insulated Glass, Add	*133.15*	
08 52 16 00-0165	EA	37-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	802.45	63.16
		For Tempered Low-E Insulated Glass, Add	*135.22*	
08 52 16 00-0166	EA	41-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	827.32	64.79
		For Tempered Low-E Insulated Glass, Add	*139.55*	
08 52 16 00-0167	EA	45-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	852.19	66.42
		For Tempered Low-E Insulated Glass, Add	*143.87*	

08 52 16 00-0168 88-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0169	EA	21-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	728.68	58.68
		For Tempered Low-E Insulated Glass, Add	*122.43*	
08 52 16 00-0170	EA	25-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	753.55	59.90
		For Tempered Low-E Insulated Glass, Add	*126.75*	
08 52 16 00-0171	EA	29-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	778.43	61.53
		For Tempered Low-E Insulated Glass, Add	*131.07*	
08 52 16 00-0172	EA	31-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	790.43	62.75
		For Tempered Low-E Insulated Glass, Add	*133.15*	
08 52 16 00-0173	EA	33-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	802.45	63.57
		For Tempered Low-E Insulated Glass, Add	*135.22*	
08 52 16 00-0174	EA	35-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	815.32	64.38
		For Tempered Low-E Insulated Glass, Add	*137.47*	
08 52 16 00-0175	EA	37-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	827.32	64.79
		For Tempered Low-E Insulated Glass, Add	*139.55*	
08 52 16 00-0176	EA	41-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	852.19	66.42
		For Tempered Low-E Insulated Glass, Add	*143.87*	
08 52 16 00-0177	EA	45-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	877.06	68.05
		For Tempered Low-E Insulated Glass, Add	*148.19*	

08 52 16 00-0178 Casement Wood Clad Windows *(08 52 16)*

08 52 16 00-0179 Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0178)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0180 One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)*

08 52 16 00-0181 24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0182	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	192.17	30.97
		For Tempered Clear Insulated Glass, Add	*26.21*	
08 52 16 00-0183	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	202.75	31.79
		For Tempered Clear Insulated Glass, Add	*27.84*	
08 52 16 00-0184	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	214.82	33.42
		For Tempered Clear Insulated Glass, Add	*29.60*	
08 52 16 00-0185	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	226.06	35.05
		For Tempered Clear Insulated Glass, Add	*31.19*	

08 52 16 00-0186 28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0187	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	205.59	32.60
		For Tempered Clear Insulated Glass, Add	*28.24*	
08 52 16 00-0188	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	216.18	33.42
		For Tempered Clear Insulated Glass, Add	*29.87*	
08 52 16 00-0189	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	228.24	35.05
		For Tempered Clear Insulated Glass, Add	*31.63*	
08 52 16 00-0190	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	234.99	36.67
		For Tempered Clear Insulated Glass, Add	*32.33*	
08 52 16 00-0191	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	248.35	38.30
		For Tempered Clear Insulated Glass, Add	*34.51*	

08 52 16 00-0192 35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0193	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	229.60	35.05
		For Tempered Clear Insulated Glass, Add	*31.90*	
08 52 16 00-0194	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	240.85	36.67
		For Tempered Clear Insulated Glass, Add	*33.66*	
08 52 16 00-0195	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	252.92	37.90
		For Tempered Clear Insulated Glass, Add	*35.42*	
08 52 16 00-0196	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	271.09	39.53
		For Tempered Clear Insulated Glass, Add	*38.41*	
08 52 16 00-0197	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	288.08	40.75
		For Tempered Clear Insulated Glass, Add	*41.32*	
08 52 16 00-0198	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	304.28	41.56
		For Tempered Clear Insulated Glass, Add	*44.23*	

08 52 16 00-0199 40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0200	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	245.86	37.48
		For Tempered Clear Insulated Glass, Add	*34.34*	
08 52 16 00-0201	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	256.44	38.30
		For Tempered Clear Insulated Glass, Add	*35.97*	
08 52 16 00-0202	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	268.51	39.93
		For Tempered Clear Insulated Glass, Add	*37.73*	
08 52 16 00-0203	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	294.12	41.56
		For Tempered Clear Insulated Glass, Add	*42.20*	
08 52 16 00-0204	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	311.87	43.19
		For Tempered Clear Insulated Glass, Add	*45.26*	
08 52 16 00-0205	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	328.97	44.82
		For Tempered Clear Insulated Glass, Add	*48.03*	

08 52 16 00-0206 48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0207	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	269.33	40.75
		For Tempered Clear Insulated Glass, Add	*37.73*	
08 52 16 00-0208	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	280.57	41.56
		For Tempered Clear Insulated Glass, Add	*39.49*	
08 52 16 00-0209	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	292.64	43.19
		For Tempered Clear Insulated Glass, Add	*41.25*	
08 52 16 00-0210	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	327.41	44.82
		For Tempered Clear Insulated Glass, Add	*47.55*	
08 52 16 00-0211	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	341.55	46.45
		For Tempered Clear Insulated Glass, Add	*49.89*	
08 52 16 00-0212	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	362.59	48.08
		For Tempered Clear Insulated Glass, Add	*53.45*	

08 52 16 00-0213 52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0214	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	284.78	42.38
		For Tempered Clear Insulated Glass, Add	*40.17*	
08 52 16 00-0215	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	295.35	43.19
		For Tempered Clear Insulated Glass, Add	*41.79*	
08 52 16 00-0216	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	307.43	44.82
		For Tempered Clear Insulated Glass, Add	*43.56*	
08 52 16 00-0217	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	349.98	46.45
		For Tempered Clear Insulated Glass, Add	*51.41*	
08 52 16 00-0218	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	370.54	48.08
		For Tempered Clear Insulated Glass, Add	*55.04*	
08 52 16 00-0219	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	384.82	49.71
		For Tempered Clear Insulated Glass, Add	*57.24*	

08 52 16 00-0220 59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0221	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	307.43	44.82
		For Tempered Clear Insulated Glass, Add	*43.56*	
08 52 16 00-0222	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	318.68	46.45
		For Tempered Clear Insulated Glass, Add	*45.32*	
08 52 16 00-0223	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	330.74	47.67
		For Tempered Clear Insulated Glass, Add	*47.08*	
08 52 16 00-0224	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	382.79	49.30
		For Tempered Clear Insulated Glass, Add	*56.84*	
08 52 16 00-0225	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	397.69	50.53
		For Tempered Clear Insulated Glass, Add	*59.33*	
08 52 16 00-0226	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	417.63	52.16
		For Tempered Clear Insulated Glass, Add	*62.66*	

08 52 16 00-0227 64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0228	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	323.69	47.27
		For Tempered Clear Insulated Glass, Add	*45.99*	
08 52 16 00-0229	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	334.27	48.08
		For Tempered Clear Insulated Glass, Add	*47.62*	
08 52 16 00-0230	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	346.34	49.71
		For Tempered Clear Insulated Glass, Add	*49.38*	
08 52 16 00-0231	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	405.84	51.35
		For Tempered Clear Insulated Glass, Add	*60.63*	
08 52 16 00-0232	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	419.78	52.98
		For Tempered Clear Insulated Glass, Add	*62.93*	
08 52 16 00-0233	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	440.67	54.61
		For Tempered Clear Insulated Glass, Add	*66.46*	

08 52 16 00-0234 71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0235	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	346.34	49.71
		For Tempered Clear Insulated Glass, Add	*49.38*	
08 52 16 00-0236	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	357.60	51.35
		For Tempered Clear Insulated Glass, Add	*51.14*	
08 52 16 00-0237	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	369.67	52.56
		For Tempered Clear Insulated Glass, Add	*52.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0238	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	438.64	54.19
		For Tempered Clear Insulated Glass, Add	*66.05*	
08 52 16 00-0239	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	455.49	55.42
		For Tempered Clear Insulated Glass, Add	*68.93*	
08 52 16 00-0240	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	473.48	57.05
		For Tempered Clear Insulated Glass, Add	*71.88*	

08 52 16 00-0241 Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)*

08 52 16 00-0242 24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0243	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	330.81	39.93
		For Tempered Clear Insulated Glass, Add	*50.19*	
08 52 16 00-0244	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	374.01	43.19
		For Tempered Clear Insulated Glass, Add	*57.53*	
08 52 16 00-0245	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	423.61	46.45
		For Tempered Clear Insulated Glass, Add	*66.14*	

08 52 16 00-0246 28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0247	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	355.56	41.56
		For Tempered Clear Insulated Glass, Add	*54.49*	
08 52 16 00-0248	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	398.78	44.82
		For Tempered Clear Insulated Glass, Add	*61.83*	
08 52 16 00-0249	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	448.37	48.08
		For Tempered Clear Insulated Glass, Add	*70.44*	

08 52 16 00-0250 35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0251	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	352.68	41.56
		For Tempered Clear Insulated Glass, Add	*53.91*	
08 52 16 00-0252	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	396.33	44.82
		For Tempered Clear Insulated Glass, Add	*61.50*	
08 52 16 00-0253	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	442.15	48.08
		For Tempered Clear Insulated Glass, Add	*69.36*	
08 52 16 00-0254	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	494.75	50.93
		For Tempered Clear Insulated Glass, Add	*78.57*	
08 52 16 00-0255	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	530.20	53.38
		For Tempered Clear Insulated Glass, Add	*84.69*	
08 52 16 00-0256	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	588.95	57.05
		For Tempered Clear Insulated Glass, Add	*94.97*	

08 52 16 00-0257 40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0258	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	383.18	43.60
		For Tempered Clear Insulated Glass, Add	*59.20*	
08 52 16 00-0259	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	426.83	46.45
		For Tempered Clear Insulated Glass, Add	*66.78*	
08 52 16 00-0260	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	472.65	49.71
		For Tempered Clear Insulated Glass, Add	*74.64*	
08 52 16 00-0261	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	525.24	52.98
		For Tempered Clear Insulated Glass, Add	*83.86*	
08 52 16 00-0262	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	564.29	55.42
		For Tempered Clear Insulated Glass, Add	*90.69*	
08 52 16 00-0263	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	723.11	59.09
		For Tempered Clear Insulated Glass, Add	*120.99*	

08 52 16 00-0264 48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0265	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	428.32	46.87
		For Tempered Clear Insulated Glass, Add	*66.92*	
08 52 16 00-0266	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	472.65	49.71
		For Tempered Clear Insulated Glass, Add	*74.64*	
08 52 16 00-0267	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	518.47	52.98
		For Tempered Clear Insulated Glass, Add	*82.50*	
08 52 16 00-0268	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	571.05	56.24
		For Tempered Clear Insulated Glass, Add	*91.72*	
08 52 16 00-0269	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	608.56	58.68
		For Tempered Clear Insulated Glass, Add	*98.24*	
08 52 16 00-0270	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	665.26	62.35
		For Tempered Clear Insulated Glass, Add	*108.11*	

08 52 16 00-0271 52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0272	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	458.00	48.49
		For Tempered Clear Insulated Glass, Add	*72.20*	
08 52 16 00-0273	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	501.66	51.35
		For Tempered Clear Insulated Glass, Add	*79.79*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0274	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	542.44	54.61
		For Tempered Clear Insulated Glass, Add	*86.65*	
08 52 16 00-0275	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	600.07	57.87
		For Tempered Clear Insulated Glass, Add	*96.87*	
08 52 16 00-0276	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	639.26	60.30
		For Tempered Clear Insulated Glass, Add	*103.73*	
08 52 16 00-0277	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	694.96	63.98
		For Tempered Clear Insulated Glass, Add	*113.40*	

08 52 16 00-0278 59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0279	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	502.33	51.35
		For Tempered Clear Insulated Glass, Add	*79.93*	
08 52 16 00-0280	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	545.98	54.61
		For Tempered Clear Insulated Glass, Add	*87.52*	
08 52 16 00-0281	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	591.79	57.87
		For Tempered Clear Insulated Glass, Add	*95.38*	
08 52 16 00-0282	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	644.39	60.72
		For Tempered Clear Insulated Glass, Add	*104.59*	
08 52 16 00-0283	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	683.59	63.16
		For Tempered Clear Insulated Glass, Add	*111.45*	
08 52 16 00-0284	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	738.59	66.83
		For Tempered Clear Insulated Glass, Add	*120.99*	

08 52 16 00-0285 64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0286	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	532.83	53.38
		For Tempered Clear Insulated Glass, Add	*85.21*	
08 52 16 00-0287	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	576.47	56.24
		For Tempered Clear Insulated Glass, Add	*92.80*	
08 52 16 00-0288	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	622.98	59.49
		For Tempered Clear Insulated Glass, Add	*100.80*	
08 52 16 00-0289	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	675.57	62.75
		For Tempered Clear Insulated Glass, Add	*110.01*	

08 52 16 00-0290 71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0291	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	577.15	56.24
		For Tempered Clear Insulated Glass, Add	*92.94*	
08 52 16 00-0292	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	620.80	59.49
		For Tempered Clear Insulated Glass, Add	*100.53*	
08 52 16 00-0293	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	666.62	62.75
		For Tempered Clear Insulated Glass, Add	*108.39*	
08 52 16 00-0294	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	719.21	65.61
		For Tempered Clear Insulated Glass, Add	*117.60*	

08 52 16 00-0295 One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)*

08 52 16 00-0296 24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*

08 52 16 00-0297	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	515.00	52.56
		For Tempered Clear Insulated Glass, Add	*81.97*	
08 52 16 00-0298	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	596.13	57.87
		For Tempered Clear Insulated Glass, Add	*96.08*	

08 52 16 00-0299 28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*

08 52 16 00-0300	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	545.09	54.19
		For Tempered Clear Insulated Glass, Add	*87.34*	
08 52 16 00-0301	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	621.20	59.49
		For Tempered Clear Insulated Glass, Add	*100.44*	

08 52 16 00-0302 35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*

08 52 16 00-0303	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	525.38	52.98
		For Tempered Clear Insulated Glass, Add	*83.89*	
08 52 16 00-0304	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	590.31	57.05
		For Tempered Clear Insulated Glass, Add	*95.24*	
08 52 16 00-0305	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	670.68	62.75
		For Tempered Clear Insulated Glass, Add	*109.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0306		40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0307	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	554.49	55.42
		For Tempered Clear Insulated Glass, Add	*88.89*	
08 52 16 00-0308	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	621.48	59.09
		For Tempered Clear Insulated Glass, Add	*100.66*	
08 52 16 00-0309	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	701.19	64.38
		For Tempered Clear Insulated Glass, Add	*114.48*	
08 52 16 00-0310		48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0311	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	666.62	62.35
		For Tempered Clear Insulated Glass, Add	*108.39*	
08 52 16 00-0312	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	746.32	67.64
		For Tempered Clear Insulated Glass, Add	*122.21*	
08 52 16 00-0313		52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0314	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	696.31	63.98
		For Tempered Clear Insulated Glass, Add	*113.67*	
08 52 16 00-0315	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	776.00	69.27
		For Tempered Clear Insulated Glass, Add	*127.49*	
08 52 16 00-0316		59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0317	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	739.94	66.83
		For Tempered Clear Insulated Glass, Add	*121.26*	
08 52 16 00-0318	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	820.33	72.53
		For Tempered Clear Insulated Glass, Add	*135.22*	
08 52 16 00-0319		Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0178)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0320		One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*		
08 52 16 00-0321		24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0322	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	223.68	30.97
		For Tempered Low-E Insulated Glass, Add	*32.51*	
08 52 16 00-0323	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	236.29	31.79
		For Tempered Low-E Insulated Glass, Add	*34.54*	
08 52 16 00-0324	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	250.56	33.42
		For Tempered Low-E Insulated Glass, Add	*36.75*	
08 52 16 00-0325	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	263.80	35.05
		For Tempered Low-E Insulated Glass, Add	*38.74*	
08 52 16 00-0326		28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0327	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	239.64	32.60
		For Tempered Low-E Insulated Glass, Add	*35.05*	
08 52 16 00-0328	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	252.25	33.42
		For Tempered Low-E Insulated Glass, Add	*37.08*	
08 52 16 00-0329	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	266.52	35.05
		For Tempered Low-E Insulated Glass, Add	*39.29*	
08 52 16 00-0330	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	274.14	36.67
		For Tempered Low-E Insulated Glass, Add	*40.16*	
08 52 16 00-0331	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	290.23	38.30
		For Tempered Low-E Insulated Glass, Add	*42.89*	
08 52 16 00-0332		35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0333	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	268.22	35.05
		For Tempered Low-E Insulated Glass, Add	*39.63*	
08 52 16 00-0334	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	281.67	36.67
		For Tempered Low-E Insulated Glass, Add	*41.83*	
08 52 16 00-0335	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	295.95	37.90
		For Tempered Low-E Insulated Glass, Add	*44.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0336	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	317.84	39.53
		For Tempered Low-E Insulated Glass, Add	*47.76*	
08 52 16 00-0337	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	338.46	40.75
		For Tempered Low-E Insulated Glass, Add	*51.39*	
08 52 16 00-0338	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	358.32	41.56
		For Tempered Low-E Insulated Glass, Add	*55.04*	
08 52 16 00-0339		40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0340	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	287.53	37.48
		For Tempered Low-E Insulated Glass, Add	*42.67*	
08 52 16 00-0341	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	300.15	38.30
		For Tempered Low-E Insulated Glass, Add	*44.71*	
08 52 16 00-0342	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	314.42	39.93
		For Tempered Low-E Insulated Glass, Add	*46.91*	
08 52 16 00-0343	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	345.61	41.56
		For Tempered Low-E Insulated Glass, Add	*52.50*	
08 52 16 00-0344	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	367.19	43.19
		For Tempered Low-E Insulated Glass, Add	*56.32*	
08 52 16 00-0345	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	387.74	44.82
		For Tempered Low-E Insulated Glass, Add	*59.78*	
08 52 16 00-0346		48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0347	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	315.24	40.75
		For Tempered Low-E Insulated Glass, Add	*46.91*	
08 52 16 00-0348	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	328.68	41.56
		For Tempered Low-E Insulated Glass, Add	*49.11*	
08 52 16 00-0349	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	342.95	43.19
		For Tempered Low-E Insulated Glass, Add	*51.31*	
08 52 16 00-0350	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	385.59	44.82
		For Tempered Low-E Insulated Glass, Add	*59.19*	
08 52 16 00-0351	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	402.66	46.45
		For Tempered Low-E Insulated Glass, Add	*62.11*	
08 52 16 00-0352	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	428.14	48.08
		For Tempered Low-E Insulated Glass, Add	*66.56*	
08 52 16 00-0353		52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0354	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	333.73	42.38
		For Tempered Low-E Insulated Glass, Add	*49.96*	
08 52 16 00-0355	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	346.33	43.19
		For Tempered Low-E Insulated Glass, Add	*51.99*	
08 52 16 00-0356	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	360.61	44.82
		For Tempered Low-E Insulated Glass, Add	*54.19*	
08 52 16 00-0357	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	413.00	46.45
		For Tempered Low-E Insulated Glass, Add	*64.02*	
08 52 16 00-0358	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	438.08	48.08
		For Tempered Low-E Insulated Glass, Add	*68.55*	
08 52 16 00-0359	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	455.11	49.71
		For Tempered Low-E Insulated Glass, Add	*71.30*	
08 52 16 00-0360		59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0361	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	360.61	44.82
		For Tempered Low-E Insulated Glass, Add	*54.19*	
08 52 16 00-0362	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	374.06	46.45
		For Tempered Low-E Insulated Glass, Add	*56.39*	
08 52 16 00-0363	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	388.33	47.67
		For Tempered Low-E Insulated Glass, Add	*58.60*	
08 52 16 00-0364	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	452.57	49.30
		For Tempered Low-E Insulated Glass, Add	*70.79*	
08 52 16 00-0365	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	470.59	50.53
		For Tempered Low-E Insulated Glass, Add	*73.91*	
08 52 16 00-0366	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	494.70	52.16
		For Tempered Low-E Insulated Glass, Add	*78.08*	
08 52 16 00-0367		64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0368	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	379.93	47.27
		For Tempered Low-E Insulated Glass, Add	*57.24*	
08 52 16 00-0369	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	392.54	48.08
		For Tempered Low-E Insulated Glass, Add	*59.27*	
08 52 16 00-0370	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	406.81	49.71
		For Tempered Low-E Insulated Glass, Add	*61.48*	
08 52 16 00-0371	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	480.37	51.35
		For Tempered Low-E Insulated Glass, Add	*75.54*	
08 52 16 00-0372	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	497.18	52.98
		For Tempered Low-E Insulated Glass, Add	*78.41*	
08 52 16 00-0373	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	522.48	54.61
		For Tempered Low-E Insulated Glass, Add	*82.82*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0374			71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0375		EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	406.81	49.71
			For Tempered Low-E Insulated Glass, Add	*61.48*	
08 52 16 00-0376		EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	420.27	51.35
			For Tempered Low-E Insulated Glass, Add	*63.68*	
08 52 16 00-0377		EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	434.54	52.56
			For Tempered Low-E Insulated Glass, Add	*65.88*	
08 52 16 00-0378		EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	519.94	54.19
			For Tempered Low-E Insulated Glass, Add	*82.31*	
08 52 16 00-0379		EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	540.39	55.42
			For Tempered Low-E Insulated Glass, Add	*85.91*	
08 52 16 00-0380		EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	562.07	57.05
			For Tempered Low-E Insulated Glass, Add	*89.59*	
08 52 16 00-0381			Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*		
08 52 16 00-0382			24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0383		EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	391.03	39.93
			For Tempered Low-E Insulated Glass, Add	*62.23*	
08 52 16 00-0384		EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	443.40	43.19
			For Tempered Low-E Insulated Glass, Add	*71.40*	
08 52 16 00-0385		EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	503.77	46.45
			For Tempered Low-E Insulated Glass, Add	*82.17*	
08 52 16 00-0386			28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0387		EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	421.15	41.56
			For Tempered Low-E Insulated Glass, Add	*67.61*	
08 52 16 00-0388		EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	473.55	44.82
			For Tempered Low-E Insulated Glass, Add	*76.78*	
08 52 16 00-0389		EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	533.90	48.08
			For Tempered Low-E Insulated Glass, Add	*87.55*	
08 52 16 00-0390			35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0391		EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	417.55	41.56
			For Tempered Low-E Insulated Glass, Add	*66.89*	
08 52 16 00-0392		EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	470.69	44.82
			For Tempered Low-E Insulated Glass, Add	*76.37*	
08 52 16 00-0393		EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	526.33	48.08
			For Tempered Low-E Insulated Glass, Add	*86.20*	
08 52 16 00-0394		EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	590.45	50.93
			For Tempered Low-E Insulated Glass, Add	*97.71*	
08 52 16 00-0395		EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	633.55	53.38
			For Tempered Low-E Insulated Glass, Add	*105.36*	
08 52 16 00-0396		EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	705.15	57.05
			For Tempered Low-E Insulated Glass, Add	*118.21*	
08 52 16 00-0397			40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0398		EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	454.66	43.60
			For Tempered Low-E Insulated Glass, Add	*73.49*	
08 52 16 00-0399		EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	507.80	46.45
			For Tempered Low-E Insulated Glass, Add	*82.98*	
08 52 16 00-0400		EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	563.44	49.71
			For Tempered Low-E Insulated Glass, Add	*92.80*	
08 52 16 00-0401		EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	627.55	52.98
			For Tempered Low-E Insulated Glass, Add	*104.32*	
08 52 16 00-0402		EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	675.14	55.42
			For Tempered Low-E Insulated Glass, Add	*112.86*	
08 52 16 00-0403		EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	871.83	59.09
			For Tempered Low-E Insulated Glass, Add	*150.73*	
08 52 16 00-0404			48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0405		EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	509.46	46.87
			For Tempered Low-E Insulated Glass, Add	*83.15*	
08 52 16 00-0406		EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	563.44	49.71
			For Tempered Low-E Insulated Glass, Add	*92.80*	
08 52 16 00-0407		EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	619.08	52.98
			For Tempered Low-E Insulated Glass, Add	*102.63*	
08 52 16 00-0408		EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	683.18	56.24
			For Tempered Low-E Insulated Glass, Add	*114.14*	
08 52 16 00-0409		EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	728.84	58.68
			For Tempered Low-E Insulated Glass, Add	*122.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0410	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	797.89	62.35
		For Tempered Low-E Insulated Glass, Add	*134.64*	
08 52 16 00-0411		52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0412	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	545.75	48.49
		For Tempered Low-E Insulated Glass, Add	*89.75*	
08 52 16 00-0413	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	598.88	51.35
		For Tempered Low-E Insulated Glass, Add	*99.24*	
08 52 16 00-0414	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	649.49	54.61
		For Tempered Low-E Insulated Glass, Add	*108.06*	
08 52 16 00-0415	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	718.64	57.87
		For Tempered Low-E Insulated Glass, Add	*120.58*	
08 52 16 00-0416	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	766.41	60.30
		For Tempered Low-E Insulated Glass, Add	*129.16*	
08 52 16 00-0417	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	834.19	63.98
		For Tempered Low-E Insulated Glass, Add	*141.25*	
08 52 16 00-0418		59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0419	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	599.73	51.35
		For Tempered Low-E Insulated Glass, Add	*99.41*	
08 52 16 00-0420	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	652.86	54.61
		For Tempered Low-E Insulated Glass, Add	*108.89*	
08 52 16 00-0421	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	708.50	57.87
		For Tempered Low-E Insulated Glass, Add	*118.72*	
08 52 16 00-0422	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	772.61	60.72
		For Tempered Low-E Insulated Glass, Add	*130.24*	
08 52 16 00-0423	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	820.39	63.16
		For Tempered Low-E Insulated Glass, Add	*138.81*	
08 52 16 00-0424	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	887.31	66.83
		For Tempered Low-E Insulated Glass, Add	*150.73*	
08 52 16 00-0425		64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0426	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	636.83	53.38
		For Tempered Low-E Insulated Glass, Add	*106.01*	
08 52 16 00-0427	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	689.96	56.24
		For Tempered Low-E Insulated Glass, Add	*115.50*	
08 52 16 00-0428	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	746.46	59.49
		For Tempered Low-E Insulated Glass, Add	*125.49*	
08 52 16 00-0429	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	810.57	62.75
		For Tempered Low-E Insulated Glass, Add	*137.01*	
08 52 16 00-0430		71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0431	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	690.81	56.24
		For Tempered Low-E Insulated Glass, Add	*115.67*	
08 52 16 00-0432	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	743.94	59.49
		For Tempered Low-E Insulated Glass, Add	*125.15*	
08 52 16 00-0433	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	799.59	62.75
		For Tempered Low-E Insulated Glass, Add	*134.98*	
08 52 16 00-0434	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	863.70	65.61
		For Tempered Low-E Insulated Glass, Add	*146.50*	
08 52 16 00-0435		One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*		
08 52 16 00-0436		24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0437	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	616.21	52.56
		For Tempered Low-E Insulated Glass, Add	*102.21*	
08 52 16 00-0438	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	713.72	57.87
		For Tempered Low-E Insulated Glass, Add	*119.60*	
08 52 16 00-0439		28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0440	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	651.75	54.19
		For Tempered Low-E Insulated Glass, Add	*108.67*	
08 52 16 00-0441	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	744.24	59.49
		For Tempered Low-E Insulated Glass, Add	*125.05*	
08 52 16 00-0442		35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		

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08 52 16 00-0443	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	627.72	52.98
		For Tempered Low-E Insulated Glass, Add	*104.35*	
08 52 16 00-0444	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	706.84	57.05
		For Tempered Low-E Insulated Glass, Add	*118.55*	
08 52 16 00-0445	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	804.67	62.75
		For Tempered Low-E Insulated Glass, Add	*136.00*	
08 52 16 00-0446		40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0447	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	663.10	55.42
		For Tempered Low-E Insulated Glass, Add	*110.62*	
08 52 16 00-0448	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	744.79	59.09
		For Tempered Low-E Insulated Glass, Add	*125.32*	
08 52 16 00-0449	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	841.78	64.38
		For Tempered Low-E Insulated Glass, Add	*142.60*	
08 52 16 00-0450		48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0451	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	799.59	62.35
		For Tempered Low-E Insulated Glass, Add	*134.98*	
08 52 16 00-0452	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	896.56	67.64
		For Tempered Low-E Insulated Glass, Add	*152.26*	
08 52 16 00-0453		52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0454	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	835.89	63.98
		For Tempered Low-E Insulated Glass, Add	*141.59*	
08 52 16 00-0455	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	932.85	69.27
		For Tempered Low-E Insulated Glass, Add	*158.86*	
08 52 16 00-0456		59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0457	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	889.00	66.83
		For Tempered Low-E Insulated Glass, Add	*151.07*	
08 52 16 00-0458	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	986.84	72.53
		For Tempered Low-E Insulated Glass, Add	*168.52*	
08 52 16 00-0459		Awning Wood Clad Windows *(08 52 16)*		
08 52 16 00-0460		Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0459)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0461		Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0460)*		
08 52 16 00-0462		17" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0463	EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	208.36	33.42
		For Tempered Clear Insulated Glass, Add	*28.31*	
08 52 16 00-0464	EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	222.46	35.05
		For Tempered Clear Insulated Glass, Add	*30.47*	
08 52 16 00-0465	EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	233.91	36.27
		For Tempered Clear Insulated Glass, Add	*32.28*	
08 52 16 00-0466	EA	35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	248.50	37.90
		For Tempered Clear Insulated Glass, Add	*34.54*	
08 52 16 00-0467	EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	265.44	39.93
		For Tempered Clear Insulated Glass, Add	*37.11*	
08 52 16 00-0468	EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	291.60	43.19
		For Tempered Clear Insulated Glass, Add	*41.04*	
08 52 16 00-0469	EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	307.74	44.82
		For Tempered Clear Insulated Glass, Add	*43.62*	
08 52 16 00-0470	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	331.73	48.08
		For Tempered Clear Insulated Glass, Add	*47.28*	
08 52 16 00-0471	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	341.61	49.71
		For Tempered Clear Insulated Glass, Add	*48.44*	
08 52 16 00-0472	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	365.38	52.56
		For Tempered Clear Insulated Glass, Add	*52.05*	

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08 52 16 00-0473		20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0474	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	219.26	35.05
		For Tempered Clear Insulated Glass, Add	*30.00*	
08 52 16 00-0475	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	234.39	36.67
		For Tempered Clear Insulated Glass, Add	*32.37*	
08 52 16 00-0476	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	244.40	37.48
		For Tempered Clear Insulated Glass, Add	*33.88*	
08 52 16 00-0477	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	260.42	39.12
		For Tempered Clear Insulated Glass, Add	*36.44*	
08 52 16 00-0478	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	277.37	41.56
		For Tempered Clear Insulated Glass, Add	*39.01*	
08 52 16 00-0479	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	302.86	44.42
		For Tempered Clear Insulated Glass, Add	*42.81*	
08 52 16 00-0480	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	318.99	46.45
		For Tempered Clear Insulated Glass, Add	*45.38*	
08 52 16 00-0481	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	343.67	48.90
		For Tempered Clear Insulated Glass, Add	*49.17*	
08 52 16 00-0482	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	352.76	51.35
		For Tempered Clear Insulated Glass, Add	*50.18*	
08 52 16 00-0483	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	377.18	53.79
		For Tempered Clear Insulated Glass, Add	*53.92*	
08 52 16 00-0484	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	559.85	59.49
		For Tempered Clear Insulated Glass, Add	*88.34*	
08 52 16 00-0485		24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0486	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	233.03	36.67
		For Tempered Clear Insulated Glass, Add	*32.10*	
08 52 16 00-0487	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	247.14	38.30
		For Tempered Clear Insulated Glass, Add	*34.27*	
08 52 16 00-0488	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	256.85	39.12
		For Tempered Clear Insulated Glass, Add	*35.72*	
08 52 16 00-0489	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	273.17	40.75
		For Tempered Clear Insulated Glass, Add	*38.33*	
08 52 16 00-0490	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	290.11	43.19
		For Tempered Clear Insulated Glass, Add	*40.91*	
08 52 16 00-0491	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	316.28	46.05
		For Tempered Clear Insulated Glass, Add	*44.84*	
08 52 16 00-0492	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	332.41	48.08
		For Tempered Clear Insulated Glass, Add	*47.41*	
08 52 16 00-0493	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	357.09	50.53
		For Tempered Clear Insulated Glass, Add	*51.21*	
08 52 16 00-0494	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	365.38	52.98
		For Tempered Clear Insulated Glass, Add	*52.05*	
08 52 16 00-0495	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	389.11	55.42
		For Tempered Clear Insulated Glass, Add	*55.66*	
08 52 16 00-0496	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	587.82	61.12
		For Tempered Clear Insulated Glass, Add	*93.28*	
08 52 16 00-0497		28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0498	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	234.27	38.30
		For Tempered Clear Insulated Glass, Add	*31.69*	
08 52 16 00-0499	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	255.14	39.93
		For Tempered Clear Insulated Glass, Add	*35.22*	
08 52 16 00-0500	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	268.73	40.75
		For Tempered Clear Insulated Glass, Add	*37.45*	
08 52 16 00-0501	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	293.36	42.38
		For Tempered Clear Insulated Glass, Add	*41.72*	
08 52 16 00-0502	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	318.44	44.82
		For Tempered Clear Insulated Glass, Add	*45.92*	
08 52 16 00-0503	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	355.45	47.67
		For Tempered Clear Insulated Glass, Add	*52.02*	
08 52 16 00-0504	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	379.04	49.71
		For Tempered Clear Insulated Glass, Add	*56.09*	
08 52 16 00-0505	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	415.23	52.16
		For Tempered Clear Insulated Glass, Add	*62.18*	
08 52 16 00-0506	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	429.51	54.61
		For Tempered Clear Insulated Glass, Add	*64.22*	
08 52 16 00-0507	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	464.66	57.05
		For Tempered Clear Insulated Glass, Add	*70.11*	
08 52 16 00-0508	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	603.77	62.75
		For Tempered Clear Insulated Glass, Add	*95.82*	
08 52 16 00-0509		31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0510	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	268.73	40.75
		For Tempered Clear Insulated Glass, Add	*37.45*	
08 52 16 00-0511	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	283.24	41.97
		For Tempered Clear Insulated Glass, Add	*39.86*	
08 52 16 00-0512	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	303.16	43.60
		For Tempered Clear Insulated Glass, Add	*43.19*	

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08 52 16 00-0513	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	325.63	45.64
		For Tempered Clear Insulated Glass, Add	*46.87*	
08 52 16 00-0514	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	358.59	48.90
		For Tempered Clear Insulated Glass, Add	*52.16*	
08 52 16 00-0515	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	380.81	50.53
		For Tempered Clear Insulated Glass, Add	*55.95*	
08 52 16 00-0516	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	412.94	53.79
		For Tempered Clear Insulated Glass, Add	*61.24*	
08 52 16 00-0517	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	435.40	55.42
		For Tempered Clear Insulated Glass, Add	*64.91*	
08 52 16 00-0518	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	468.12	58.27
		For Tempered Clear Insulated Glass, Add	*70.32*	
08 52 16 00-0519	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	641.16	63.57
		For Tempered Clear Insulated Glass, Add	*102.80*	

08 52 16 00-0520 35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0521	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	303.16	43.60
		For Tempered Clear Insulated Glass, Add	*43.19*	
08 52 16 00-0522	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	330.91	45.24
		For Tempered Clear Insulated Glass, Add	*48.09*	
08 52 16 00-0523	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	355.99	47.27
		For Tempered Clear Insulated Glass, Add	*52.29*	
08 52 16 00-0524	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	393.00	50.53
		For Tempered Clear Insulated Glass, Add	*58.39*	
08 52 16 00-0525	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	417.27	52.16
		For Tempered Clear Insulated Glass, Add	*62.59*	
08 52 16 00-0526	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	452.78	55.42
		For Tempered Clear Insulated Glass, Add	*68.55*	
08 52 16 00-0527	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	403.78	57.05
		For Tempered Clear Insulated Glass, Add	*57.94*	
08 52 16 00-0528	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	432.22	59.90
		For Tempered Clear Insulated Glass, Add	*62.48*	

08 52 16 00-0529 40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0530	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	351.93	47.27
		For Tempered Clear Insulated Glass, Add	*51.48*	
08 52 16 00-0531	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	392.59	49.71
		For Tempered Clear Insulated Glass, Add	*58.80*	

08 52 16 00-0532 48" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0533	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	413.33	50.53
		For Tempered Clear Insulated Glass, Add	*62.45*	
08 52 16 00-0534	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	454.67	52.98
		For Tempered Clear Insulated Glass, Add	*69.91*	
08 52 16 00-0535	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	515.39	55.82
		For Tempered Clear Insulated Glass, Add	*80.75*	

08 52 16 00-0536 59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0537	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	504.80	55.01
		For Tempered Clear Insulated Glass, Add	*78.96*	
08 52 16 00-0538	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	541.24	57.05
		For Tempered Clear Insulated Glass, Add	*85.43*	

08 52 16 00-0539 71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0540	EA	24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	547.68	55.42
		For Tempered Clear Insulated Glass, Add	*87.37*	
08 52 16 00-0541	EA	35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	569.00	59.90
		For Tempered Clear Insulated Glass, Add	*89.84*	
08 52 16 00-0542	EA	40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	625.72	61.93
		For Tempered Clear Insulated Glass, Add	*100.37*	
08 52 16 00-0543	EA	48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	684.75	65.20
		For Tempered Clear Insulated Glass, Add	*110.87*	

08 52 16 00-0544 Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0460)*

08 52 16 00-0545 17" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

08 52 16 00-0546	EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	187.36	33.42
		For Tempered Clear Insulated Glass, Add	*24.11*	
08 52 16 00-0547	EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	200.78	35.05
		For Tempered Clear Insulated Glass, Add	*26.14*	
08 52 16 00-0548	EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	209.77	36.27
		For Tempered Clear Insulated Glass, Add	*27.45*	
08 52 16 00-0549	EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	224.10	37.90
		For Tempered Clear Insulated Glass, Add	*29.66*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0550	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	239.69	39.93
		For Tempered Clear Insulated Glass, Add	*31.96*	
08 52 16 00-0551	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	263.82	43.19
		For Tempered Clear Insulated Glass, Add	*35.49*	
08 52 16 00-0552	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	277.93	44.82
		For Tempered Clear Insulated Glass, Add	*37.66*	
08 52 16 00-0553	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	300.57	48.08
		For Tempered Clear Insulated Glass, Add	*41.04*	
08 52 16 00-0554	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	316.17	49.71
		For Tempered Clear Insulated Glass, Add	*43.35*	
08 52 16 00-0555	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	338.81	52.56
		For Tempered Clear Insulated Glass, Add	*46.73*	

08 52 16 00-0556 20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

08 52 16 00-0557	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	197.93	35.05
		For Tempered Clear Insulated Glass, Add	*25.73*	
08 52 16 00-0558	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	211.35	36.67
		For Tempered Clear Insulated Glass, Add	*27.76*	
08 52 16 00-0559	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	219.69	37.48
		For Tempered Clear Insulated Glass, Add	*28.94*	
08 52 16 00-0560	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	235.35	39.12
		For Tempered Clear Insulated Glass, Add	*31.42*	
08 52 16 00-0561	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	250.95	41.56
		For Tempered Clear Insulated Glass, Add	*33.73*	
08 52 16 00-0562	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	274.40	44.42
		For Tempered Clear Insulated Glass, Add	*37.11*	
08 52 16 00-0563	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	289.18	46.45
		For Tempered Clear Insulated Glass, Add	*39.42*	
08 52 16 00-0564	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	311.15	48.90
		For Tempered Clear Insulated Glass, Add	*42.67*	
08 52 16 00-0565	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	327.42	51.35
		For Tempered Clear Insulated Glass, Add	*45.11*	
08 52 16 00-0566	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	349.38	53.79
		For Tempered Clear Insulated Glass, Add	*48.36*	

08 52 16 00-0567 24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

08 52 16 00-0568	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	209.99	36.67
		For Tempered Clear Insulated Glass, Add	*27.49*	
08 52 16 00-0569	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	223.43	38.30
		For Tempered Clear Insulated Glass, Add	*29.53*	
08 52 16 00-0570	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	231.00	39.12
		For Tempered Clear Insulated Glass, Add	*30.55*	
08 52 16 00-0571	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	246.74	40.75
		For Tempered Clear Insulated Glass, Add	*33.05*	
08 52 16 00-0572	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	262.33	43.19
		For Tempered Clear Insulated Glass, Add	*35.35*	
08 52 16 00-0573	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	285.79	46.05
		For Tempered Clear Insulated Glass, Add	*38.74*	
08 52 16 00-0574	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	300.57	48.08
		For Tempered Clear Insulated Glass, Add	*41.04*	
08 52 16 00-0575	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	323.22	50.53
		For Tempered Clear Insulated Glass, Add	*44.43*	
08 52 16 00-0576	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	338.81	52.98
		For Tempered Clear Insulated Glass, Add	*46.73*	
08 52 16 00-0577	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	361.44	55.42
		For Tempered Clear Insulated Glass, Add	*50.12*	

08 52 16 00-0578 28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

08 52 16 00-0579	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	212.59	38.30
		For Tempered Clear Insulated Glass, Add	*27.36*	
08 52 16 00-0580	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	230.07	39.93
		For Tempered Clear Insulated Glass, Add	*30.20*	
08 52 16 00-0581	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	240.00	40.75
		For Tempered Clear Insulated Glass, Add	*31.70*	
08 52 16 00-0582	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	249.99	42.38
		For Tempered Clear Insulated Glass, Add	*33.05*	
08 52 16 00-0583	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	281.85	44.82
		For Tempered Clear Insulated Glass, Add	*38.60*	
08 52 16 00-0584	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	312.09	47.67
		For Tempered Clear Insulated Glass, Add	*43.35*	
08 52 16 00-0585	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	331.61	49.71
		For Tempered Clear Insulated Glass, Add	*46.60*	
08 52 16 00-0586	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	361.03	52.16
		For Tempered Clear Insulated Glass, Add	*51.34*	
08 52 16 00-0587	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	382.04	54.61
		For Tempered Clear Insulated Glass, Add	*54.73*	
08 52 16 00-0588	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	411.46	57.05
		For Tempered Clear Insulated Glass, Add	*59.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 52 16 00-0589 31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

08 52 16 00-0590	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	240.00	40.75
		For Tempered Clear Insulated Glass, Add	*31.70*	
08 52 16 00-0591	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	252.21	41.97
		For Tempered Clear Insulated Glass, Add	*33.65*	
08 52 16 00-0592	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	268.69	43.60
		For Tempered Clear Insulated Glass, Add	*36.30*	
08 52 16 00-0593	EA	40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	287.71	45.64
		For Tempered Clear Insulated Glass, Add	*39.29*	
08 52 16 00-0594	EA	48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	315.49	48.90
		For Tempered Clear Insulated Glass, Add	*43.54*	
08 52 16 00-0595	EA	52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	333.69	50.53
		For Tempered Clear Insulated Glass, Add	*46.53*	
08 52 16 00-0596	EA	59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	360.65	53.79
		For Tempered Clear Insulated Glass, Add	*50.78*	
08 52 16 00-0597	EA	64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	379.09	55.42
		For Tempered Clear Insulated Glass, Add	*53.65*	
08 52 16 00-0598	EA	71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	406.06	58.27
		For Tempered Clear Insulated Glass, Add	*57.90*	

08 52 16 00-0599 35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

08 52 16 00-0600	EA	31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	268.69	43.60
		For Tempered Clear Insulated Glass, Add	*36.30*	
08 52 16 00-0601	EA	35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	292.29	45.24
		For Tempered Clear Insulated Glass, Add	*40.37*	
08 52 16 00-0602	EA	40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	312.63	47.27
		For Tempered Clear Insulated Glass, Add	*43.62*	
08 52 16 00-0603	EA	48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	343.54	50.53
		For Tempered Clear Insulated Glass, Add	*48.50*	
08 52 16 00-0604	EA	52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	363.06	52.16
		For Tempered Clear Insulated Glass, Add	*51.75*	
08 52 16 00-0605	EA	59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	392.48	55.42
		For Tempered Clear Insulated Glass, Add	*56.49*	
08 52 16 00-0606	EA	64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	412.82	57.05
		For Tempered Clear Insulated Glass, Add	*59.74*	
08 52 16 00-0607	EA	71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	442.23	59.90
		For Tempered Clear Insulated Glass, Add	*64.49*	

08 52 16 00-0608 Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0459)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0609 Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0608)*

08 52 16 00-0610 17" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0611	EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	241.90	33.42
		For Tempered Low-E Insulated Glass, Add	*35.01*	
08 52 16 00-0612	EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	258.71	35.05
		For Tempered Low-E Insulated Glass, Add	*37.72*	
08 52 16 00-0613	EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	272.40	36.27
		For Tempered Low-E Insulated Glass, Add	*39.97*	
08 52 16 00-0614	EA	35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	289.83	37.90
		For Tempered Low-E Insulated Glass, Add	*42.81*	
08 52 16 00-0615	EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	309.99	39.93
		For Tempered Low-E Insulated Glass, Add	*46.02*	
08 52 16 00-0616	EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	341.06	43.19
		For Tempered Low-E Insulated Glass, Add	*50.94*	
08 52 16 00-0617	EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	360.42	44.82
		For Tempered Low-E Insulated Glass, Add	*54.15*	
08 52 16 00-0618	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	388.99	48.08
		For Tempered Low-E Insulated Glass, Add	*58.73*	
08 52 16 00-0619	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	400.31	49.71
		For Tempered Low-E Insulated Glass, Add	*60.18*	
08 52 16 00-0620	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	428.60	52.56
		For Tempered Low-E Insulated Glass, Add	*64.69*	

08 52 16 00-0621 20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0622	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	254.92	35.05
		For Tempered Low-E Insulated Glass, Add	*37.13*	
08 52 16 00-0623	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	273.01	36.67
		For Tempered Low-E Insulated Glass, Add	*40.10*	
08 52 16 00-0624	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	284.91	37.48
		For Tempered Low-E Insulated Glass, Add	*41.99*	
08 52 16 00-0625	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	304.12	39.12
		For Tempered Low-E Insulated Glass, Add	*45.18*	
08 52 16 00-0626	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	324.29	41.56
		For Tempered Low-E Insulated Glass, Add	*48.39*	
08 52 16 00-0627	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	354.52	44.42
		For Tempered Low-E Insulated Glass, Add	*53.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0628	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	373.87	46.45
		For Tempered Low-E Insulated Glass, Add	*56.36*	
08 52 16 00-0629	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	403.29	48.90
		For Tempered Low-E Insulated Glass, Add	*61.10*	
08 52 16 00-0630	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	413.64	51.35
		For Tempered Low-E Insulated Glass, Add	*62.35*	
08 52 16 00-0631	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	442.74	53.79
		For Tempered Low-E Insulated Glass, Add	*67.03*	
08 52 16 00-0632	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	668.43	59.49
		For Tempered Low-E Insulated Glass, Add	*110.05*	

08 52 16 00-0633 24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0634	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	271.31	36.67
		For Tempered Low-E Insulated Glass, Add	*39.76*	
08 52 16 00-0635	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	288.13	38.30
		For Tempered Low-E Insulated Glass, Add	*42.47*	
08 52 16 00-0636	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	299.66	39.12
		For Tempered Low-E Insulated Glass, Add	*44.28*	
08 52 16 00-0637	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	319.24	40.75
		For Tempered Low-E Insulated Glass, Add	*47.55*	
08 52 16 00-0638	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	339.40	43.19
		For Tempered Low-E Insulated Glass, Add	*50.77*	
08 52 16 00-0639	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	370.48	46.05
		For Tempered Low-E Insulated Glass, Add	*55.68*	
08 52 16 00-0640	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	389.83	48.08
		For Tempered Low-E Insulated Glass, Add	*58.90*	
08 52 16 00-0641	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	419.26	50.53
		For Tempered Low-E Insulated Glass, Add	*63.64*	
08 52 16 00-0642	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	428.60	52.98
		For Tempered Low-E Insulated Glass, Add	*64.69*	
08 52 16 00-0643	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	456.84	55.42
		For Tempered Low-E Insulated Glass, Add	*69.20*	
08 52 16 00-0644	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	702.57	61.12
		For Tempered Low-E Insulated Glass, Add	*116.23*	

08 52 16 00-0645 28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0646	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	272.04	38.30
		For Tempered Low-E Insulated Glass, Add	*39.25*	
08 52 16 00-0647	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	297.32	39.93
		For Tempered Low-E Insulated Glass, Add	*43.65*	
08 52 16 00-0648	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	313.70	40.75
		For Tempered Low-E Insulated Glass, Add	*46.44*	
08 52 16 00-0649	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	343.66	42.38
		For Tempered Low-E Insulated Glass, Add	*51.78*	
08 52 16 00-0650	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	374.00	44.82
		For Tempered Low-E Insulated Glass, Add	*57.03*	
08 52 16 00-0651	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	418.63	47.67
		For Tempered Low-E Insulated Glass, Add	*64.66*	
08 52 16 00-0652	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	447.30	49.71
		For Tempered Low-E Insulated Glass, Add	*69.74*	
08 52 16 00-0653	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	491.12	52.16
		For Tempered Low-E Insulated Glass, Add	*77.36*	
08 52 16 00-0654	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	507.95	54.61
		For Tempered Low-E Insulated Glass, Add	*79.91*	
08 52 16 00-0655	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	624.21	57.05
		For Tempered Low-E Insulated Glass, Add	*102.02*	
08 52 16 00-0656	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	721.70	62.75
		For Tempered Low-E Insulated Glass, Add	*119.40*	

08 52 16 00-0657 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0658	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	313.70	40.75
		For Tempered Low-E Insulated Glass, Add	*46.44*	
08 52 16 00-0659	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	331.22	41.97
		For Tempered Low-E Insulated Glass, Add	*49.46*	
08 52 16 00-0660	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	355.31	43.60
		For Tempered Low-E Insulated Glass, Add	*53.62*	
08 52 16 00-0661	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	382.38	45.64
		For Tempered Low-E Insulated Glass, Add	*58.22*	
08 52 16 00-0662	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	421.94	48.90
		For Tempered Low-E Insulated Glass, Add	*64.83*	
08 52 16 00-0663	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	448.90	50.53
		For Tempered Low-E Insulated Glass, Add	*69.57*	
08 52 16 00-0664	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	487.64	53.79
		For Tempered Low-E Insulated Glass, Add	*76.18*	
08 52 16 00-0665	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	514.70	55.42
		For Tempered Low-E Insulated Glass, Add	*80.77*	
08 52 16 00-0666	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	554.17	58.27
		For Tempered Low-E Insulated Glass, Add	*87.53*	
08 52 16 00-0667	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	767.82	63.57
		For Tempered Low-E Insulated Glass, Add	*128.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0668		35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0669	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	355.31	43.60
		For Tempered Low-E Insulated Glass, Add	*53.62*	
08 52 16 00-0670	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	389.18	45.24
		For Tempered Low-E Insulated Glass, Add	*59.74*	
08 52 16 00-0671	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	419.51	47.27
		For Tempered Low-E Insulated Glass, Add	*64.99*	
08 52 16 00-0672	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	464.15	50.53
		For Tempered Low-E Insulated Glass, Add	*72.62*	
08 52 16 00-0673	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	493.66	52.16
		For Tempered Low-E Insulated Glass, Add	*77.87*	
08 52 16 00-0674	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	536.62	55.42
		For Tempered Low-E Insulated Glass, Add	*85.32*	
08 52 16 00-0675	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	474.36	57.05
		For Tempered Low-E Insulated Glass, Add	*72.05*	
08 52 16 00-0676	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	508.49	59.90
		For Tempered Low-E Insulated Glass, Add	*77.74*	
08 52 16 00-0677		40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0678	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	410.35	47.27
		For Tempered Low-E Insulated Glass, Add	*63.98*	
08 52 16 00-0679	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	466.69	50.53
		For Tempered Low-E Insulated Glass, Add	*73.13*	
08 52 16 00-0680		48" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0681	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	489.55	50.53
		For Tempered Low-E Insulated Glass, Add	*77.70*	
08 52 16 00-0682	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	540.21	52.98
		For Tempered Low-E Insulated Glass, Add	*87.01*	
08 52 16 00-0683	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	614.48	55.82
		For Tempered Low-E Insulated Glass, Add	*100.57*	
08 52 16 00-0684		59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0685	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	601.66	55.01
		For Tempered Low-E Insulated Glass, Add	*98.33*	
08 52 16 00-0686	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	646.18	57.05
		For Tempered Low-E Insulated Glass, Add	*106.42*	
08 52 16 00-0687		71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0688	EA	24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	655.05	55.42
		For Tempered Low-E Insulated Glass, Add	*108.84*	
08 52 16 00-0689	EA	35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	679.46	59.90
		For Tempered Low-E Insulated Glass, Add	*111.93*	
08 52 16 00-0690	EA	40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	749.34	61.93
		For Tempered Low-E Insulated Glass, Add	*125.09*	
08 52 16 00-0691	EA	48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	821.49	65.20
		For Tempered Low-E Insulated Glass, Add	*138.22*	
08 52 16 00-0692		Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0608)*		
08 52 16 00-0693		17" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*		
08 52 16 00-0694	EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	215.64	33.42
		For Tempered Low-E Insulated Glass, Add	*29.76*	
08 52 16 00-0695	EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	231.61	35.05
		For Tempered Low-E Insulated Glass, Add	*32.30*	
08 52 16 00-0696	EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	242.24	36.27
		For Tempered Low-E Insulated Glass, Add	*33.94*	
08 52 16 00-0697	EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	259.34	37.90
		For Tempered Low-E Insulated Glass, Add	*36.71*	
08 52 16 00-0698	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	277.80	39.93
		For Tempered Low-E Insulated Glass, Add	*39.59*	
08 52 16 00-0699	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	306.33	43.19
		For Tempered Low-E Insulated Glass, Add	*43.99*	
08 52 16 00-0700	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	323.16	44.82
		For Tempered Low-E Insulated Glass, Add	*46.70*	
08 52 16 00-0701	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	350.03	48.08
		For Tempered Low-E Insulated Glass, Add	*50.94*	
08 52 16 00-0702	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	368.51	49.71
		For Tempered Low-E Insulated Glass, Add	*53.82*	
08 52 16 00-0703	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	395.39	52.56
		For Tempered Low-E Insulated Glass, Add	*58.05*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0704		20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*		
08 52 16 00-0705	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	228.25	35.05
		For Tempered Low-E Insulated Glass, Add	*31.80*	
08 52 16 00-0706	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	244.21	36.67
		For Tempered Low-E Insulated Glass, Add	*34.34*	
08 52 16 00-0707	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	254.02	37.48
		For Tempered Low-E Insulated Glass, Add	*35.81*	
08 52 16 00-0708	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	272.79	39.12
		For Tempered Low-E Insulated Glass, Add	*38.91*	
08 52 16 00-0709	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	291.26	41.56
		For Tempered Low-E Insulated Glass, Add	*41.79*	
08 52 16 00-0710	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	318.95	44.42
		For Tempered Low-E Insulated Glass, Add	*46.02*	
08 52 16 00-0711	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	336.61	46.45
		For Tempered Low-E Insulated Glass, Add	*48.90*	
08 52 16 00-0712	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	362.64	48.90
		For Tempered Low-E Insulated Glass, Add	*52.97*	
08 52 16 00-0713	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	381.97	51.35
		For Tempered Low-E Insulated Glass, Add	*56.02*	
08 52 16 00-0714	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	407.98	53.79
		For Tempered Low-E Insulated Glass, Add	*60.08*	
08 52 16 00-0715		24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*		
08 52 16 00-0716	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	242.52	36.67
		For Tempered Low-E Insulated Glass, Add	*34.00*	
08 52 16 00-0717	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	258.49	38.30
		For Tempered Low-E Insulated Glass, Add	*36.54*	
08 52 16 00-0718	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	267.34	39.12
		For Tempered Low-E Insulated Glass, Add	*37.82*	
08 52 16 00-0719	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	286.21	40.75
		For Tempered Low-E Insulated Glass, Add	*40.94*	
08 52 16 00-0720	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	304.68	43.19
		For Tempered Low-E Insulated Glass, Add	*43.82*	
08 52 16 00-0721	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	332.37	46.05
		For Tempered Low-E Insulated Glass, Add	*48.06*	
08 52 16 00-0722	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	350.03	48.08
		For Tempered Low-E Insulated Glass, Add	*50.94*	
08 52 16 00-0723	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	376.91	50.53
		For Tempered Low-E Insulated Glass, Add	*55.17*	
08 52 16 00-0724	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	395.39	52.98
		For Tempered Low-E Insulated Glass, Add	*58.05*	
08 52 16 00-0725	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	422.25	55.42
		For Tempered Low-E Insulated Glass, Add	*62.28*	
08 52 16 00-0726		28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*		
08 52 16 00-0727	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	244.94	38.30
		For Tempered Low-E Insulated Glass, Add	*33.83*	
08 52 16 00-0728	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	265.98	39.93
		For Tempered Low-E Insulated Glass, Add	*37.38*	
08 52 16 00-0729	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	277.78	40.75
		For Tempered Low-E Insulated Glass, Add	*39.26*	
08 52 16 00-0730	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	289.46	42.38
		For Tempered Low-E Insulated Glass, Add	*40.94*	
08 52 16 00-0731	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	328.26	44.82
		For Tempered Low-E Insulated Glass, Add	*47.89*	
08 52 16 00-0732	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	364.43	47.67
		For Tempered Low-E Insulated Glass, Add	*53.82*	
08 52 16 00-0733	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	388.01	49.71
		For Tempered Low-E Insulated Glass, Add	*57.88*	
08 52 16 00-0734	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	423.37	52.16
		For Tempered Low-E Insulated Glass, Add	*63.81*	
08 52 16 00-0735	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	448.61	54.61
		For Tempered Low-E Insulated Glass, Add	*68.04*	
08 52 16 00-0736	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	483.96	57.05
		For Tempered Low-E Insulated Glass, Add	*73.97*	
08 52 16 00-0737		31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*		
08 52 16 00-0738	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	277.78	40.75
		For Tempered Low-E Insulated Glass, Add	*39.26*	
08 52 16 00-0739	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	292.43	41.97
		For Tempered Low-E Insulated Glass, Add	*41.70*	
08 52 16 00-0740	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	312.21	43.60
		For Tempered Low-E Insulated Glass, Add	*45.00*	
08 52 16 00-0741	EA	40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	334.97	45.64
		For Tempered Low-E Insulated Glass, Add	*48.74*	
08 52 16 00-0742	EA	48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	368.07	48.90
		For Tempered Low-E Insulated Glass, Add	*54.05*	
08 52 16 00-0743	EA	52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	390.00	50.53
		For Tempered Low-E Insulated Glass, Add	*57.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0744	EA	59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	422.28	53.79
		For Tempered Low-E Insulated Glass, Add	*63.10*	
08 52 16 00-0745	EA	64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	444.31	55.42
		For Tempered Low-E Insulated Glass, Add	*66.70*	
08 52 16 00-0746	EA	71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	476.59	58.27
		For Tempered Low-E Insulated Glass, Add	*72.01*	
08 52 16 00-0747		35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*		
08 52 16 00-0748	EA	31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	312.21	43.60
		For Tempered Low-E Insulated Glass, Add	*45.00*	
08 52 16 00-0749	EA	35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	340.90	45.24
		For Tempered Low-E Insulated Glass, Add	*50.09*	
08 52 16 00-0750	EA	40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	365.31	47.27
		For Tempered Low-E Insulated Glass, Add	*54.15*	
08 52 16 00-0751	EA	48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	402.32	50.53
		For Tempered Low-E Insulated Glass, Add	*60.25*	
08 52 16 00-0752	EA	52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	425.91	52.16
		For Tempered Low-E Insulated Glass, Add	*64.32*	
08 52 16 00-0753	EA	59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	461.25	55.42
		For Tempered Low-E Insulated Glass, Add	*70.25*	
08 52 16 00-0754	EA	64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	485.65	57.05
		For Tempered Low-E Insulated Glass, Add	*74.31*	
08 52 16 00-0755	EA	71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	521.00	59.90
		For Tempered Low-E Insulated Glass, Add	*80.24*	
08 52 16 00-0756		Horizontal Sliding Wood Clad Windows *(08 52 16)*		
08 52 16 00-0757		One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0756)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0758		17-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0759	EA	47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	259.50	43.19
		For Tempered Clear Insulated Glass, Add	*34.79*	
08 52 16 00-0760		23-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0761	EA	35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	239.57	39.93
		For Tempered Clear Insulated Glass, Add	*31.78*	
08 52 16 00-0762	EA	47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	278.61	45.64
		For Tempered Clear Insulated Glass, Add	*37.63*	
08 52 16 00-0763		35-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0764	EA	35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	278.61	45.64
		For Tempered Clear Insulated Glass, Add	*37.63*	
08 52 16 00-0765	EA	47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	317.65	50.53
		For Tempered Clear Insulated Glass, Add	*43.48*	
08 52 16 00-0766	EA	59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	356.70	55.01
		For Tempered Clear Insulated Glass, Add	*49.34*	
08 52 16 00-0767	EA	71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	395.75	59.90
		For Tempered Clear Insulated Glass, Add	*55.19*	
08 52 16 00-0768		41-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0769	EA	35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	298.55	48.08
		For Tempered Clear Insulated Glass, Add	*40.64*	
08 52 16 00-0770	EA	47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	336.77	52.98
		For Tempered Clear Insulated Glass, Add	*46.33*	
08 52 16 00-0771	EA	59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	375.81	57.46
		For Tempered Clear Insulated Glass, Add	*52.18*	
08 52 16 00-0772	EA	71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	444.12	62.35
		For Tempered Clear Insulated Glass, Add	*63.89*	
08 52 16 00-0773		47-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0774	EA	35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	317.65	50.53
		For Tempered Clear Insulated Glass, Add	*43.48*	
08 52 16 00-0775	EA	47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	356.70	55.42
		For Tempered Clear Insulated Glass, Add	*49.34*	
08 52 16 00-0776	EA	59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	395.75	59.90
		For Tempered Clear Insulated Glass, Add	*55.19*	
08 52 16 00-0777	EA	71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	434.81	64.79
		For Tempered Clear Insulated Glass, Add	*61.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0778		53-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0779	EA	47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	375.81	57.87
		For Tempered Clear Insulated Glass, Add	*52.18*	
08 52 16 00-0780	EA	59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	414.85	62.35
		For Tempered Clear Insulated Glass, Add	*58.03*	
08 52 16 00-0781	EA	71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	453.90	67.24
		For Tempered Clear Insulated Glass, Add	*63.89*	
08 52 16 00-0782		59-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0783	EA	47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	395.75	60.30
		For Tempered Clear Insulated Glass, Add	*55.19*	
08 52 16 00-0784	EA	59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	434.81	64.79
		For Tempered Clear Insulated Glass, Add	*61.04*	
08 52 16 00-0785	EA	71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	473.91	69.69
		For Tempered Clear Insulated Glass, Add	*66.91*	
08 52 16 00-0786		Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0756)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0787		22-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0788	EA	35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	532.99	39.93
		For Tempered Low-E Insulated Glass, Add	*90.46*	
08 52 16 00-0789	EA	47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	632.24	45.64
		For Tempered Low-E Insulated Glass, Add	*108.36*	
08 52 16 00-0790		35-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0791	EA	35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	639.76	45.64
		For Tempered Low-E Insulated Glass, Add	*109.86*	
08 52 16 00-0792	EA	47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	739.85	50.53
		For Tempered Low-E Insulated Glass, Add	*127.92*	
08 52 16 00-0793	EA	59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	839.11	55.01
		For Tempered Low-E Insulated Glass, Add	*145.82*	
08 52 16 00-0794	EA	71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	938.36	59.90
		For Tempered Low-E Insulated Glass, Add	*163.71*	
08 52 16 00-0795		41-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0796	EA	35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	689.81	48.08
		For Tempered Low-E Insulated Glass, Add	*118.89*	
08 52 16 00-0797	EA	47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	789.07	52.98
		For Tempered Low-E Insulated Glass, Add	*136.79*	
08 52 16 00-0798	EA	59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	889.15	57.46
		For Tempered Low-E Insulated Glass, Add	*154.85*	
08 52 16 00-0799	EA	71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	988.41	62.35
		For Tempered Low-E Insulated Glass, Add	*172.74*	
08 52 16 00-0800		47-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0801	EA	35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	739.85	50.53
		For Tempered Low-E Insulated Glass, Add	*127.92*	
08 52 16 00-0802	EA	47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	839.11	55.42
		For Tempered Low-E Insulated Glass, Add	*145.82*	
08 52 16 00-0803	EA	59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	938.36	59.90
		For Tempered Low-E Insulated Glass, Add	*163.71*	
08 52 16 00-0804	EA	71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,038.46	64.79
		For Tempered Low-E Insulated Glass, Add	*181.77*	
08 52 16 00-0805		59-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0806	EA	35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	839.11	55.42
		For Tempered Low-E Insulated Glass, Add	*145.82*	
08 52 16 00-0807	EA	47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	938.36	60.30
		For Tempered Low-E Insulated Glass, Add	*163.71*	
08 52 16 00-0808	EA	59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,038.46	64.79
		For Tempered Low-E Insulated Glass, Add	*181.77*	
08 52 16 00-0809	EA	71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,137.71	69.69
		For Tempered Low-E Insulated Glass, Add	*199.67*	
08 52 16 00-0810		Picture Wood Clad Windows *(08 52 16)*		
08 52 16 00-0811		Picture Wood Clad Windows For Awning And Casement Windows *(08 52 16 00-0810)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0812		Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0811)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0813		12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0814	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	203.18	32.60
		For Tempered Clear Insulated Glass, Add	*27.60*	
08 52 16 00-0815	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	235.84	35.85
		For Tempered Clear Insulated Glass, Add	*32.82*	
08 52 16 00-0816	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	250.04	37.48
		For Tempered Clear Insulated Glass, Add	*35.01*	
08 52 16 00-0817	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	270.95	40.75
		For Tempered Clear Insulated Glass, Add	*38.05*	
08 52 16 00-0818	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	285.34	42.38
		For Tempered Clear Insulated Glass, Add	*40.12*	
08 52 16 00-0819	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	306.25	45.64
		For Tempered Clear Insulated Glass, Add	*43.16*	
08 52 16 00-0820		35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0821	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	228.73	39.93
		For Tempered Clear Insulated Glass, Add	*29.77*	
08 52 16 00-0822	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	260.93	42.38
		For Tempered Clear Insulated Glass, Add	*35.40*	
08 52 16 00-0823	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	308.61	45.24
		For Tempered Clear Insulated Glass, Add	*43.63*	
08 52 16 00-0824	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	339.31	46.87
		For Tempered Clear Insulated Glass, Add	*49.12*	
08 52 16 00-0825	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	385.50	49.71
		For Tempered Clear Insulated Glass, Add	*57.21*	
08 52 16 00-0826	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	417.70	51.75
		For Tempered Clear Insulated Glass, Add	*62.84*	
08 52 16 00-0827	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	601.07	54.61
		For Tempered Clear Insulated Glass, Add	*98.37*	
08 52 16 00-0828		40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0829	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	260.93	42.38
		For Tempered Clear Insulated Glass, Add	*35.40*	
08 52 16 00-0830	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	293.13	44.01
		For Tempered Clear Insulated Glass, Add	*41.02*	
08 52 16 00-0831	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	340.82	47.27
		For Tempered Clear Insulated Glass, Add	*49.26*	
08 52 16 00-0832	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	371.52	48.90
		For Tempered Clear Insulated Glass, Add	*54.74*	
08 52 16 00-0833	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	417.70	52.16
		For Tempered Clear Insulated Glass, Add	*62.84*	
08 52 16 00-0834	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	449.89	53.79
		For Tempered Clear Insulated Glass, Add	*68.46*	
08 52 16 00-0835	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	496.07	57.05
		For Tempered Clear Insulated Glass, Add	*76.56*	
08 52 16 00-0836		48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0837	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	308.61	45.64
		For Tempered Clear Insulated Glass, Add	*43.63*	
08 52 16 00-0838	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	340.82	47.27
		For Tempered Clear Insulated Glass, Add	*49.26*	
08 52 16 00-0839	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	388.50	50.53
		For Tempered Clear Insulated Glass, Add	*57.49*	
08 52 16 00-0840	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	419.20	52.16
		For Tempered Clear Insulated Glass, Add	*62.98*	
08 52 16 00-0841	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	465.37	55.42
		For Tempered Clear Insulated Glass, Add	*71.07*	
08 52 16 00-0842	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	497.58	57.05
		For Tempered Clear Insulated Glass, Add	*76.70*	
08 52 16 00-0843	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	543.75	60.30
		For Tempered Clear Insulated Glass, Add	*84.79*	
08 52 16 00-0844		52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0845	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	339.31	47.27
		For Tempered Clear Insulated Glass, Add	*49.12*	
08 52 16 00-0846	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	371.52	48.90
		For Tempered Clear Insulated Glass, Add	*54.74*	
08 52 16 00-0847	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	419.20	52.16
		For Tempered Clear Insulated Glass, Add	*62.98*	
08 52 16 00-0848	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	449.89	53.79
		For Tempered Clear Insulated Glass, Add	*68.46*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0849	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	496.07	57.05
		For Tempered Clear Insulated Glass, Add	*76.56*	
08 52 16 00-0850	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	528.28	58.68
		For Tempered Clear Insulated Glass, Add	*82.18*	
08 52 16 00-0851	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	614.93	61.93
		For Tempered Clear Insulated Glass, Add	*98.37*	

08 52 16 00-0852 59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0853	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	385.50	49.71
		For Tempered Clear Insulated Glass, Add	*57.21*	
08 52 16 00-0854	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	417.70	52.16
		For Tempered Clear Insulated Glass, Add	*62.84*	
08 52 16 00-0855	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	465.37	55.01
		For Tempered Clear Insulated Glass, Add	*71.07*	
08 52 16 00-0856	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	496.07	56.64
		For Tempered Clear Insulated Glass, Add	*76.56*	
08 52 16 00-0857	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	542.26	59.49
		For Tempered Clear Insulated Glass, Add	*84.65*	
08 52 16 00-0858	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	574.46	61.53
		For Tempered Clear Insulated Glass, Add	*90.28*	
08 52 16 00-0859	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	620.64	64.38
		For Tempered Clear Insulated Glass, Add	*98.37*	

08 52 16 00-0860 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0861	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	417.70	52.16
		For Tempered Clear Insulated Glass, Add	*62.84*	
08 52 16 00-0862	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	449.89	53.79
		For Tempered Clear Insulated Glass, Add	*68.46*	
08 52 16 00-0863	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	497.58	57.05
		For Tempered Clear Insulated Glass, Add	*76.70*	
08 52 16 00-0864	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	528.28	58.68
		For Tempered Clear Insulated Glass, Add	*82.18*	
08 52 16 00-0865	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	614.93	61.93
		For Tempered Clear Insulated Glass, Add	*98.37*	

08 52 16 00-0866 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0867	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	463.87	54.61
		For Tempered Clear Insulated Glass, Add	*70.93*	
08 52 16 00-0868	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	496.07	57.05
		For Tempered Clear Insulated Glass, Add	*76.56*	
08 52 16 00-0869	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	543.75	59.90
		For Tempered Clear Insulated Glass, Add	*84.79*	
08 52 16 00-0870	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	574.46	61.53
		For Tempered Clear Insulated Glass, Add	*90.28*	
08 52 16 00-0871	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	620.64	64.38
		For Tempered Clear Insulated Glass, Add	*98.37*	

08 52 16 00-0872 Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0811)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0873 12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0874	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	235.55	32.60
		For Tempered Low-E Insulated Glass, Add	*34.07*	
08 52 16 00-0875	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	274.34	35.85
		For Tempered Low-E Insulated Glass, Add	*40.52*	
08 52 16 00-0876	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	291.11	37.48
		For Tempered Low-E Insulated Glass, Add	*43.23*	
08 52 16 00-0877	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	315.58	40.75
		For Tempered Low-E Insulated Glass, Add	*46.98*	
08 52 16 00-0878	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	332.40	42.38
		For Tempered Low-E Insulated Glass, Add	*49.53*	
08 52 16 00-0879	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	356.87	45.64
		For Tempered Low-E Insulated Glass, Add	*53.28*	

08 52 16 00-0880 35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0881	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	263.65	39.93
		For Tempered Low-E Insulated Glass, Add	*36.76*	
08 52 16 00-0882	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	302.45	42.38
		For Tempered Low-E Insulated Glass, Add	*43.70*	
08 52 16 00-0883	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	359.78	45.24
		For Tempered Low-E Insulated Glass, Add	*53.86*	
08 52 16 00-0884	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	396.92	46.87
		For Tempered Low-E Insulated Glass, Add	*60.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0885	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	452.60	49.71
		For Tempered Low-E Insulated Glass, Add	*70.63*	
08 52 16 00-0886	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	491.40	51.75
		For Tempered Low-E Insulated Glass, Add	*77.58*	
08 52 16 00-0887	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	716.45	54.61
		For Tempered Low-E Insulated Glass, Add	*121.45*	

08 52 16 00-0888 40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0889	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	302.45	42.38
		For Tempered Low-E Insulated Glass, Add	*43.70*	
08 52 16 00-0890	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	341.24	44.01
		For Tempered Low-E Insulated Glass, Add	*50.65*	
08 52 16 00-0891	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	398.59	47.27
		For Tempered Low-E Insulated Glass, Add	*60.81*	
08 52 16 00-0892	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	435.72	48.90
		For Tempered Low-E Insulated Glass, Add	*67.58*	
08 52 16 00-0893	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	491.40	52.16
		For Tempered Low-E Insulated Glass, Add	*77.58*	
08 52 16 00-0894	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	530.19	53.79
		For Tempered Low-E Insulated Glass, Add	*84.52*	
08 52 16 00-0895	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	585.87	57.05
		For Tempered Low-E Insulated Glass, Add	*94.52*	

08 52 16 00-0896 48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0897	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	359.78	45.64
		For Tempered Low-E Insulated Glass, Add	*53.86*	
08 52 16 00-0898	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	398.59	47.27
		For Tempered Low-E Insulated Glass, Add	*60.81*	
08 52 16 00-0899	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	455.92	50.53
		For Tempered Low-E Insulated Glass, Add	*70.97*	
08 52 16 00-0900	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	493.06	52.16
		For Tempered Low-E Insulated Glass, Add	*77.75*	
08 52 16 00-0901	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	548.73	55.42
		For Tempered Low-E Insulated Glass, Add	*87.74*	
08 52 16 00-0902	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	587.53	57.05
		For Tempered Low-E Insulated Glass, Add	*94.69*	
08 52 16 00-0903	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	643.20	60.30
		For Tempered Low-E Insulated Glass, Add	*104.68*	

08 52 16 00-0904 52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0905	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	396.92	47.27
		For Tempered Low-E Insulated Glass, Add	*60.64*	
08 52 16 00-0906	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	435.72	48.90
		For Tempered Low-E Insulated Glass, Add	*67.58*	
08 52 16 00-0907	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	493.06	52.16
		For Tempered Low-E Insulated Glass, Add	*77.75*	
08 52 16 00-0908	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	530.19	53.79
		For Tempered Low-E Insulated Glass, Add	*84.52*	
08 52 16 00-0909	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	585.87	57.05
		For Tempered Low-E Insulated Glass, Add	*94.52*	
08 52 16 00-0910	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	624.67	58.68
		For Tempered Low-E Insulated Glass, Add	*101.46*	
08 52 16 00-0911	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	730.31	61.93
		For Tempered Low-E Insulated Glass, Add	*121.45*	

08 52 16 00-0912 59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0913	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	452.60	49.71
		For Tempered Low-E Insulated Glass, Add	*70.63*	
08 52 16 00-0914	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	491.40	52.16
		For Tempered Low-E Insulated Glass, Add	*77.58*	
08 52 16 00-0915	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	548.73	55.01
		For Tempered Low-E Insulated Glass, Add	*87.74*	
08 52 16 00-0916	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	585.87	56.64
		For Tempered Low-E Insulated Glass, Add	*94.52*	
08 52 16 00-0917	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	641.54	59.49
		For Tempered Low-E Insulated Glass, Add	*104.51*	
08 52 16 00-0918	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	680.34	61.53
		For Tempered Low-E Insulated Glass, Add	*111.46*	
08 52 16 00-0919	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	736.02	64.38
		For Tempered Low-E Insulated Glass, Add	*121.45*	

08 52 16 00-0920 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0921	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	491.40	52.16
		For Tempered Low-E Insulated Glass, Add	*77.58*	
08 52 16 00-0922	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	530.19	53.79
		For Tempered Low-E Insulated Glass, Add	*84.52*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0923	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	587.53	57.05
		For Tempered Low-E Insulated Glass, Add	*94.69*	
08 52 16 00-0924	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	624.67	58.68
		For Tempered Low-E Insulated Glass, Add	*101.46*	
08 52 16 00-0925	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	730.31	61.93
		For Tempered Low-E Insulated Glass, Add	*121.45*	
08 52 16 00-0926		71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*		
08 52 16 00-0927	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	547.06	54.61
		For Tempered Low-E Insulated Glass, Add	*87.57*	
08 52 16 00-0928	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	585.87	57.05
		For Tempered Low-E Insulated Glass, Add	*94.52*	
08 52 16 00-0929	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	643.20	59.90
		For Tempered Low-E Insulated Glass, Add	*104.68*	
08 52 16 00-0930	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	680.34	61.53
		For Tempered Low-E Insulated Glass, Add	*111.46*	
08 52 16 00-0931	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	736.02	64.38
		For Tempered Low-E Insulated Glass, Add	*121.45*	
08 52 16 00-0932		Picture Wood Clad Windows For Double Hung Windows *(08 52 16 00-0810)*		
08 52 16 00-0933		Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0932)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0934		35-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0935	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	293.24	50.93
		For Tempered Clear Insulated Glass, Add	*38.27*	
08 52 16 00-0936	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	300.94	52.16
		For Tempered Clear Insulated Glass, Add	*39.32*	
08 52 16 00-0937		47-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0938	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	300.94	52.16
		For Tempered Clear Insulated Glass, Add	*39.32*	
08 52 16 00-0939	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	364.02	61.93
		For Tempered Clear Insulated Glass, Add	*48.03*	
08 52 16 00-0940		53-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0941	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	340.92	58.27
		For Tempered Clear Insulated Glass, Add	*44.88*	
08 52 16 00-0942	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	348.63	59.49
		For Tempered Clear Insulated Glass, Add	*45.93*	
08 52 16 00-0943		56-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0944	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	293.24	51.35
		For Tempered Clear Insulated Glass, Add	*38.27*	
08 52 16 00-0945	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	340.92	58.27
		For Tempered Clear Insulated Glass, Add	*44.88*	
08 52 16 00-0946		59-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0947	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	300.94	52.16
		For Tempered Clear Insulated Glass, Add	*39.32*	
08 52 16 00-0948	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	348.63	59.49
		For Tempered Clear Insulated Glass, Add	*45.93*	
08 52 16 00-0949	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	364.02	61.93
		For Tempered Clear Insulated Glass, Add	*48.03*	
08 52 16 00-0950	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	380.17	64.38
		For Tempered Clear Insulated Glass, Add	*50.28*	
08 52 16 00-0951		65-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0952	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	380.17	64.38
		For Tempered Clear Insulated Glass, Add	*50.28*	
08 52 16 00-0953		71-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0954	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	364.02	61.93
		For Tempered Clear Insulated Glass, Add	*48.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0955		Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0932)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0956		48-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0957	EA	12" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	311.50	38.30
		For Tempered Low-E Insulated Glass, Add	*46.98*	
08 52 16 00-0958	EA	37-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	430.93	48.90
		For Tempered Low-E Insulated Glass, Add	*66.79*	
08 52 16 00-0959	EA	41-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	449.20	50.12
		For Tempered Low-E Insulated Glass, Add	*69.79*	
08 52 16 00-0960	EA	47-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	476.61	52.56
		For Tempered Low-E Insulated Glass, Add	*74.29*	
08 52 16 00-0961	EA	51-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	494.87	54.61
		For Tempered Low-E Insulated Glass, Add	*77.30*	
08 52 16 00-0962	EA	59-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	532.16	57.46
		For Tempered Low-E Insulated Glass, Add	*83.45*	
08 52 16 00-0963	EA	67-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	569.44	61.12
		For Tempered Low-E Insulated Glass, Add	*89.60*	
08 52 16 00-0964		52-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0965	EA	12" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	330.52	39.93
		For Tempered Low-E Insulated Glass, Add	*50.13*	
08 52 16 00-0966	EA	37-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	449.20	50.53
		For Tempered Low-E Insulated Glass, Add	*69.79*	
08 52 16 00-0967	EA	41-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	468.22	51.75
		For Tempered Low-E Insulated Glass, Add	*72.94*	
08 52 16 00-0968	EA	47-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	494.87	54.19
		For Tempered Low-E Insulated Glass, Add	*77.30*	
08 52 16 00-0969	EA	51-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	513.89	56.24
		For Tempered Low-E Insulated Glass, Add	*80.45*	
08 52 16 00-0970	EA	59-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	551.17	59.09
		For Tempered Low-E Insulated Glass, Add	*86.60*	
08 52 16 00-0971	EA	67-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	588.46	62.75
		For Tempered Low-E Insulated Glass, Add	*92.75*	
08 52 16 00-0972		56-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0973	EA	12" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	348.78	41.56
		For Tempered Low-E Insulated Glass, Add	*53.13*	
08 52 16 00-0974	EA	37-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	468.22	52.16
		For Tempered Low-E Insulated Glass, Add	*72.94*	
08 52 16 00-0975	EA	41-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	486.48	53.38
		For Tempered Low-E Insulated Glass, Add	*75.94*	
08 52 16 00-0976	EA	47-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	513.89	55.82
		For Tempered Low-E Insulated Glass, Add	*80.45*	
08 52 16 00-0977	EA	51-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	532.16	57.87
		For Tempered Low-E Insulated Glass, Add	*83.45*	
08 52 16 00-0978	EA	59-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	569.44	60.72
		For Tempered Low-E Insulated Glass, Add	*89.60*	
08 52 16 00-0979	EA	67-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	607.49	64.38
		For Tempered Low-E Insulated Glass, Add	*95.91*	
08 52 16 00-0980		60-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0981	EA	12" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	367.80	43.19
		For Tempered Low-E Insulated Glass, Add	*56.28*	
08 52 16 00-0982	EA	37-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	486.48	53.79
		For Tempered Low-E Insulated Glass, Add	*75.94*	
08 52 16 00-0983	EA	41-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	505.50	55.01
		For Tempered Low-E Insulated Glass, Add	*79.10*	
08 52 16 00-0984	EA	47-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	532.16	57.46
		For Tempered Low-E Insulated Glass, Add	*83.45*	
08 52 16 00-0985	EA	51-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	551.17	59.49
		For Tempered Low-E Insulated Glass, Add	*86.60*	
08 52 16 00-0986	EA	59-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	588.46	62.35
		For Tempered Low-E Insulated Glass, Add	*92.75*	
08 52 16 00-0987	EA	67-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	625.75	66.01
		For Tempered Low-E Insulated Glass, Add	*98.91*	
08 52 16 00-0988		64-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0989	EA	12" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	386.07	44.82
		For Tempered Low-E Insulated Glass, Add	*59.28*	
08 52 16 00-0990	EA	37-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	505.50	55.42
		For Tempered Low-E Insulated Glass, Add	*79.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0991	EA	41-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	524.52	56.64
		For Tempered Low-E Insulated Glass, Add	*82.25*	
08 52 16 00-0992	EA	47-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	551.17	59.09
		For Tempered Low-E Insulated Glass, Add	*86.60*	
08 52 16 00-0993	EA	51-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	569.44	61.12
		For Tempered Low-E Insulated Glass, Add	*89.60*	
08 52 16 00-0994	EA	59-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	607.49	63.98
		For Tempered Low-E Insulated Glass, Add	*95.91*	
08 52 16 00-0995	EA	67-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	644.77	67.64
		For Tempered Low-E Insulated Glass, Add	*102.06*	

08 52 16 00-0996 68-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-0997	EA	12" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	405.09	46.45
		For Tempered Low-E Insulated Glass, Add	*62.44*	
08 52 16 00-0998	EA	37-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	524.52	57.05
		For Tempered Low-E Insulated Glass, Add	*82.25*	
08 52 16 00-0999	EA	41-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	542.79	58.27
		For Tempered Low-E Insulated Glass, Add	*85.25*	
08 52 16 00-1000	EA	47-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	569.44	60.72
		For Tempered Low-E Insulated Glass, Add	*89.60*	
08 52 16 00-1001	EA	51-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	588.46	62.75
		For Tempered Low-E Insulated Glass, Add	*92.75*	
08 52 16 00-1002	EA	59-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	625.75	65.61
		For Tempered Low-E Insulated Glass, Add	*98.91*	
08 52 16 00-1003	EA	67-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	663.04	69.27
		For Tempered Low-E Insulated Glass, Add	*105.06*	

08 52 16 00-1004 72-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-1005	EA	12" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	423.36	48.08
		For Tempered Low-E Insulated Glass, Add	*65.44*	
08 52 16 00-1006	EA	37-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	542.79	58.68
		For Tempered Low-E Insulated Glass, Add	*85.25*	
08 52 16 00-1007	EA	41-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	561.81	59.90
		For Tempered Low-E Insulated Glass, Add	*88.40*	
08 52 16 00-1008	EA	47-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	588.46	62.35
		For Tempered Low-E Insulated Glass, Add	*92.75*	
08 52 16 00-1009	EA	51-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	607.49	64.38
		For Tempered Low-E Insulated Glass, Add	*95.91*	
08 52 16 00-1010	EA	59-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	644.77	67.24
		For Tempered Low-E Insulated Glass, Add	*102.06*	
08 52 16 00-1011	EA	67-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	682.06	70.90
		For Tempered Low-E Insulated Glass, Add	*108.21*	

08 52 16 00-1012 76-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-1013	EA	12" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	442.38	49.71
		For Tempered Low-E Insulated Glass, Add	*68.59*	
08 52 16 00-1014	EA	37-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	561.81	60.30
		For Tempered Low-E Insulated Glass, Add	*88.40*	
08 52 16 00-1015	EA	41-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	580.08	61.53
		For Tempered Low-E Insulated Glass, Add	*91.40*	
08 52 16 00-1016	EA	47-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	607.49	63.98
		For Tempered Low-E Insulated Glass, Add	*95.91*	
08 52 16 00-1017	EA	51-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	625.75	66.01
		For Tempered Low-E Insulated Glass, Add	*98.91*	
08 52 16 00-1018	EA	59-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	663.04	68.87
		For Tempered Low-E Insulated Glass, Add	*105.06*	
08 52 16 00-1019	EA	67-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	700.33	72.53
		For Tempered Low-E Insulated Glass, Add	*111.22*	

08 52 16 00-1020 Picture Wood Clad Windows For Horizontal Sliding Windows *(08 52 16 00-0810)*

08 52 16 00-1021 Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1020)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-1022 35-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*

08 52 16 00-1023	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	293.24	50.93
		For Tempered Clear Insulated Glass, Add	*38.27*	
08 52 16 00-1024	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	300.94	52.16
		For Tempered Clear Insulated Glass, Add	*39.32*	

08 52 16 00-1025 47-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*

08 52 16 00-1026	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	300.94	52.16
		For Tempered Clear Insulated Glass, Add	*39.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1027	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	364.02	61.93
		For Tempered Clear Insulated Glass, Add	*48.03*	
08 52 16 00-1028		53-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1029	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	340.92	58.27
		For Tempered Clear Insulated Glass, Add	*44.88*	
08 52 16 00-1030	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	348.63	59.49
		For Tempered Clear Insulated Glass, Add	*45.93*	
08 52 16 00-1031		56-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1032	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	293.24	51.35
		For Tempered Clear Insulated Glass, Add	*38.27*	
08 52 16 00-1033	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	340.92	58.27
		For Tempered Clear Insulated Glass, Add	*44.88*	
08 52 16 00-1034		59-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1035	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	300.94	52.16
		For Tempered Clear Insulated Glass, Add	*39.32*	
08 52 16 00-1036	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	348.63	59.49
		For Tempered Clear Insulated Glass, Add	*45.93*	
08 52 16 00-1037	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	364.02	61.93
		For Tempered Clear Insulated Glass, Add	*48.03*	
08 52 16 00-1038	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	380.17	64.38
		For Tempered Clear Insulated Glass, Add	*50.28*	
08 52 16 00-1039		65-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1040	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	380.17	64.38
		For Tempered Clear Insulated Glass, Add	*50.28*	
08 52 16 00-1041		71-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1042	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	364.02	61.93
		For Tempered Clear Insulated Glass, Add	*48.03*	
08 52 16 00-1043		Basement Wood Clad Windows *(08 52 16)*		
08 52 16 00-1044		Basement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-1043)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles.		
08 52 16 00-1045	EA	32-1/4" x 15-3/4", Basement Wood Clad Window (Andersen 400 Series)	159.97	32.60
08 52 16 00-1046	EA	32-1/4" x 19-3/4", Basement Wood Clad Window (Andersen 400 Series)	167.09	32.60
08 52 16 00-1047	EA	32-1/4" x 23-3/4", Basement Wood Clad Window (Andersen 400 Series)	173.35	32.60
08 52 16 00-1048		Factory Installed Grilles For Wood Clad Windows *(08 52 16)*		
08 52 16 00-1049		Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1050	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	18.52	
08 52 16 00-1051	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	27.29	
08 52 16 00-1052	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	37.03	
08 52 16 00-1053	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	46.78	
08 52 16 00-1054	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	66.27	
08 52 16 00-1055		Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1056	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	29.63	
08 52 16 00-1057	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	43.66	
08 52 16 00-1058	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	59.26	
08 52 16 00-1059	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	74.85	
08 52 16 00-1060	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	106.04	
08 52 16 00-1061		Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1062	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	35.55	
08 52 16 00-1063	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	52.39	
08 52 16 00-1064	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	71.11	
08 52 16 00-1065	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	89.82	
08 52 16 00-1066	EA	>36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	127.24	

08 52 16 00-1067 Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*

08 52 16 00-1068	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	42.67	
08 52 16 00-1069	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	62.87	
08 52 16 00-1070	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	85.33	
08 52 16 00-1071	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	107.78	
08 52 16 00-1072	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	152.69	

08 52 19 Wood Windows *(08 52)*

08 52 19 00-0001 Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 19)*

Note: Includes demo of the existing sashes and jamb liners. Includes two sashes, jamb liners, insulated glass and all hardware needed for installation. Includes primed pine wood interior and exterior. Excludes window frame, trim, insect screens and grilles.

08 52 19 00-0002 30" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 19 00-0001)*

08 52 19 00-0003	EA	20" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	237.26	
		For Low-E Insulated Glass, Add		*19.48*
		For Aluminum Clad Exterior, Add		*20.87*
08 52 19 00-0004	EA	24" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	251.84	
		For Low-E Insulated Glass, Add		*20.88*
		For Aluminum Clad Exterior, Add		*22.37*
08 52 19 00-0005	EA	28" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	267.41	
		For Low-E Insulated Glass, Add		*22.42*
		For Aluminum Clad Exterior, Add		*24.02*
08 52 19 00-0006	EA	30" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	275.71	
		For Low-E Insulated Glass, Add		*23.26*
		For Aluminum Clad Exterior, Add		*24.93*
08 52 19 00-0007	EA	32" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	282.98	
		For Low-E Insulated Glass, Add		*23.96*
		For Aluminum Clad Exterior, Add		*25.68*
08 52 19 00-0008	EA	34" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	292.28	
		For Low-E Insulated Glass, Add		*24.95*
		For Aluminum Clad Exterior, Add		*26.73*
08 52 19 00-0009	EA	36" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	296.59	
		For Low-E Insulated Glass, Add		*25.23*
		For Aluminum Clad Exterior, Add		*27.03*
08 52 19 00-0010	EA	40" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	315.13	
		For Low-E Insulated Glass, Add		*27.19*
		For Aluminum Clad Exterior, Add		*29.13*
08 52 19 00-0011	EA	44" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	330.71	
		For Low-E Insulated Glass, Add		*28.73*
		For Aluminum Clad Exterior, Add		*30.78*

08 52 19 00-0012 34" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 19 00-0001)*

08 52 19 00-0013	EA	20" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	251.84	
		For Low-E Insulated Glass, Add		*20.88*
		For Aluminum Clad Exterior, Add		*22.37*
08 52 19 00-0014	EA	24" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	267.41	
		For Low-E Insulated Glass, Add		*22.42*
		For Aluminum Clad Exterior, Add		*24.02*
08 52 19 00-0015	EA	28" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	280.71	
		For Low-E Insulated Glass, Add		*23.96*
		For Aluminum Clad Exterior, Add		*25.68*
08 52 19 00-0016	EA	30" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	292.28	
		For Low-E Insulated Glass, Add		*24.95*
		For Aluminum Clad Exterior, Add		*26.73*
08 52 19 00-0017	EA	32" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	299.56	
		For Low-E Insulated Glass, Add		*25.65*
		For Aluminum Clad Exterior, Add		*27.48*
08 52 19 00-0018	EA	34" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	307.86	
		For Low-E Insulated Glass, Add		*26.49*
		For Aluminum Clad Exterior, Add		*28.38*
08 52 19 00-0019	EA	36" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	315.13	
		For Low-E Insulated Glass, Add		*27.19*
		For Aluminum Clad Exterior, Add		*29.13*
08 52 19 00-0020	EA	40" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	330.71	
		For Low-E Insulated Glass, Add		*28.73*
		For Aluminum Clad Exterior, Add		*30.78*
08 52 19 00-0021	EA	44" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	346.29	
		For Low-E Insulated Glass, Add		*30.27*
		For Aluminum Clad Exterior, Add		*32.43*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 19 00-0022		**36" Height, Sash-Only Replacement Kits For Double Hung Wood Windows** *(08 52 19 00-0001)*		
08 52 19 00-0023	EA	20" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	258.99	
		For Low-E Insulated Glass, Add	*21.72*	
		For Aluminum Clad Exterior, Add	*23.27*	
08 52 19 00-0024	EA	24" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	274.56	
		For Low-E Insulated Glass, Add	*23.26*	
		For Aluminum Clad Exterior, Add	*24.93*	
08 52 19 00-0025	EA	28" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	291.14	
		For Low-E Insulated Glass, Add	*24.95*	
		For Aluminum Clad Exterior, Add	*26.73*	
08 52 19 00-0026	EA	30" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	298.42	
		For Low-E Insulated Glass, Add	*25.65*	
		For Aluminum Clad Exterior, Add	*27.48*	
08 52 19 00-0027	EA	32" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	306.71	
		For Low-E Insulated Glass, Add	*26.49*	
		For Aluminum Clad Exterior, Add	*28.38*	
08 52 19 00-0028	EA	34" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	313.99	
		For Low-E Insulated Glass, Add	*27.19*	
		For Aluminum Clad Exterior, Add	*29.13*	
08 52 19 00-0029	EA	36" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	322.29	
		For Low-E Insulated Glass, Add	*28.03*	
		For Aluminum Clad Exterior, Add	*30.03*	
08 52 19 00-0030	EA	40" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	336.86	
		For Low-E Insulated Glass, Add	*29.43*	
		For Aluminum Clad Exterior, Add	*31.53*	
08 52 19 00-0031	EA	44" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	352.43	
		For Low-E Insulated Glass, Add	*30.97*	
		For Aluminum Clad Exterior, Add	*33.18*	
08 52 19 00-0032		**38" Height, Sash-Only Replacement Kits For Double Hung Wood Windows** *(08 52 19 00-0001)*		
08 52 19 00-0033	EA	20" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	268.55	
		For Low-E Insulated Glass, Add	*22.42*	
		For Aluminum Clad Exterior, Add	*24.02*	
08 52 19 00-0034	EA	24" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	284.13	
		For Low-E Insulated Glass, Add	*23.96*	
		For Aluminum Clad Exterior, Add	*25.68*	
08 52 19 00-0035	EA	28" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	300.70	
		For Low-E Insulated Glass, Add	*25.65*	
		For Aluminum Clad Exterior, Add	*27.48*	
08 52 19 00-0036	EA	30" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	308.99	
		For Low-E Insulated Glass, Add	*26.49*	
		For Aluminum Clad Exterior, Add	*28.38*	
08 52 19 00-0037	EA	32" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	316.28	
		For Low-E Insulated Glass, Add	*27.19*	
		For Aluminum Clad Exterior, Add	*29.13*	
08 52 19 00-0038	EA	34" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	324.56	
		For Low-E Insulated Glass, Add	*28.03*	
		For Aluminum Clad Exterior, Add	*30.03*	
08 52 19 00-0039	EA	36" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	331.85	
		For Low-E Insulated Glass, Add	*28.73*	
		For Aluminum Clad Exterior, Add	*30.78*	
08 52 19 00-0040	EA	40" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	347.43	
		For Low-E Insulated Glass, Add	*30.27*	
		For Aluminum Clad Exterior, Add	*32.43*	
08 52 19 00-0041	EA	44" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	363.01	
		For Low-E Insulated Glass, Add	*31.81*	
		For Aluminum Clad Exterior, Add	*34.08*	
08 52 19 00-0042		**46" Height, Sash-Only Replacement Kits For Double Hung Wood Windows** *(08 52 19 00-0001)*		
08 52 19 00-0043	EA	20" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	299.56	
		For Low-E Insulated Glass, Add	*25.65*	
		For Aluminum Clad Exterior, Add	*27.48*	
08 52 19 00-0044	EA	24" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	315.13	
		For Low-E Insulated Glass, Add	*27.19*	
		For Aluminum Clad Exterior, Add	*29.13*	
08 52 19 00-0045	EA	28" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	330.71	
		For Low-E Insulated Glass, Add	*28.73*	
		For Aluminum Clad Exterior, Add	*30.78*	
08 52 19 00-0046	EA	30" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	337.99	
		For Low-E Insulated Glass, Add	*29.43*	
		For Aluminum Clad Exterior, Add	*31.53*	
08 52 19 00-0047	EA	32" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	346.29	
		For Low-E Insulated Glass, Add	*30.27*	
		For Aluminum Clad Exterior, Add	*32.43*	
08 52 19 00-0048	EA	34" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	353.57	
		For Low-E Insulated Glass, Add	*30.97*	
		For Aluminum Clad Exterior, Add	*33.18*	
08 52 19 00-0049	EA	36" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	361.87	
		For Low-E Insulated Glass, Add	*31.81*	
		For Aluminum Clad Exterior, Add	*34.08*	
08 52 19 00-0050	EA	40" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	377.44	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 19 00-0051	EA	44" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	394.01	
		For Low-E Insulated Glass, Add	*35.04*	
		For Aluminum Clad Exterior, Add	*37.54*	
08 52 19 00-0052		48" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 19 00-0001)*		
08 52 19 00-0053	EA	20" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	306.71	
		For Low-E Insulated Glass, Add	*26.49*	
		For Aluminum Clad Exterior, Add	*28.38*	
08 52 19 00-0054	EA	24" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	322.29	
		For Low-E Insulated Glass, Add	*28.03*	
		For Aluminum Clad Exterior, Add	*30.03*	
08 52 19 00-0055	EA	28" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	336.86	
		For Low-E Insulated Glass, Add	*29.43*	
		For Aluminum Clad Exterior, Add	*31.53*	
08 52 19 00-0056	EA	30" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	345.15	
		For Low-E Insulated Glass, Add	*30.27*	
		For Aluminum Clad Exterior, Add	*32.43*	
08 52 19 00-0057	EA	32" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	352.43	
		For Low-E Insulated Glass, Add	*30.97*	
		For Aluminum Clad Exterior, Add	*33.18*	
08 52 19 00-0058	EA	34" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	360.72	
		For Low-E Insulated Glass, Add	*31.81*	
		For Aluminum Clad Exterior, Add	*34.08*	
08 52 19 00-0059	EA	36" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	368.01	
		For Low-E Insulated Glass, Add	*32.51*	
		For Aluminum Clad Exterior, Add	*34.83*	
08 52 19 00-0060	EA	40" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	384.58	
		For Low-E Insulated Glass, Add	*34.19*	
		For Aluminum Clad Exterior, Add	*36.64*	
08 52 19 00-0061	EA	44" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	400.17	
		For Low-E Insulated Glass, Add	*35.74*	
		For Aluminum Clad Exterior, Add	*38.29*	
08 52 19 00-0062		50" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 19 00-0001)*		
08 52 19 00-0063	EA	20" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	316.28	
		For Low-E Insulated Glass, Add	*27.19*	
		For Aluminum Clad Exterior, Add	*29.13*	
08 52 19 00-0064	EA	24" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	331.85	
		For Low-E Insulated Glass, Add	*28.73*	
		For Aluminum Clad Exterior, Add	*30.78*	
08 52 19 00-0065	EA	28" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	347.43	
		For Low-E Insulated Glass, Add	*30.27*	
		For Aluminum Clad Exterior, Add	*32.43*	
08 52 19 00-0066	EA	30" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	354.71	
		For Low-E Insulated Glass, Add	*30.97*	
		For Aluminum Clad Exterior, Add	*33.18*	
08 52 19 00-0067	EA	32" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	363.01	
		For Low-E Insulated Glass, Add	*31.81*	
		For Aluminum Clad Exterior, Add	*34.08*	
08 52 19 00-0068	EA	34" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	370.29	
		For Low-E Insulated Glass, Add	*32.51*	
		For Aluminum Clad Exterior, Add	*34.83*	
08 52 19 00-0069	EA	36" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	378.58	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.74*	
08 52 19 00-0070	EA	40" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	395.16	
		For Low-E Insulated Glass, Add	*35.04*	
		For Aluminum Clad Exterior, Add	*37.54*	
08 52 19 00-0071	EA	44" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	410.73	
		For Low-E Insulated Glass, Add	*36.58*	
		For Aluminum Clad Exterior, Add	*39.19*	
08 52 19 00-0072		54" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 19 00-0001)*		
08 52 19 00-0073	EA	20" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	331.85	
		For Low-E Insulated Glass, Add	*28.73*	
		For Aluminum Clad Exterior, Add	*30.78*	
08 52 19 00-0074	EA	24" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	347.43	
		For Low-E Insulated Glass, Add	*30.27*	
		For Aluminum Clad Exterior, Add	*32.43*	
08 52 19 00-0075	EA	28" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	363.01	
		For Low-E Insulated Glass, Add	*31.81*	
		For Aluminum Clad Exterior, Add	*34.08*	
08 52 19 00-0076	EA	30" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	370.29	
		For Low-E Insulated Glass, Add	*32.51*	
		For Aluminum Clad Exterior, Add	*34.83*	
08 52 19 00-0077	EA	32" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	378.58	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.74*	
08 52 19 00-0078	EA	34" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	386.86	
		For Low-E Insulated Glass, Add	*34.19*	
		For Aluminum Clad Exterior, Add	*36.64*	
08 52 19 00-0079	EA	36" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	395.16	
		For Low-E Insulated Glass, Add	*35.04*	
		For Aluminum Clad Exterior, Add	*37.54*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 19 00-0080	EA	40" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	410.73	
		For Low-E Insulated Glass, Add	*36.58*	
		For Aluminum Clad Exterior, Add	*39.19*	
08 52 19 00-0081	EA	44" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	426.30	
		For Low-E Insulated Glass, Add	*38.12*	
		For Aluminum Clad Exterior, Add	*40.84*	

08 52 19 00-0082 58" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 19 00-0001)

08 52 19 00-0083	EA	20" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	346.29	
		For Low-E Insulated Glass, Add	*30.27*	
		For Aluminum Clad Exterior, Add	*32.43*	
08 52 19 00-0084	EA	24" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	361.87	
		For Low-E Insulated Glass, Add	*31.81*	
		For Aluminum Clad Exterior, Add	*34.08*	
08 52 19 00-0085	EA	28" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	377.44	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.74*	
08 52 19 00-0086	EA	30" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	385.72	
		For Low-E Insulated Glass, Add	*34.19*	
		For Aluminum Clad Exterior, Add	*36.64*	
08 52 19 00-0087	EA	32" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	394.01	
		For Low-E Insulated Glass, Add	*35.04*	
		For Aluminum Clad Exterior, Add	*37.54*	
08 52 19 00-0088	EA	34" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	401.30	
		For Low-E Insulated Glass, Add	*35.74*	
		For Aluminum Clad Exterior, Add	*38.29*	
08 52 19 00-0089	EA	36" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	409.59	
		For Low-E Insulated Glass, Add	*36.58*	
		For Aluminum Clad Exterior, Add	*39.19*	
08 52 19 00-0090	EA	40" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	425.16	
		For Low-E Insulated Glass, Add	*38.12*	
		For Aluminum Clad Exterior, Add	*40.84*	
08 52 19 00-0091	EA	44" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	439.74	
		For Low-E Insulated Glass, Add	*39.52*	
		For Aluminum Clad Exterior, Add	*42.34*	

08 52 19 00-0092 60" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 19 00-0001)

08 52 19 00-0093	EA	20" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	352.43	
		For Low-E Insulated Glass, Add	*30.97*	
		For Aluminum Clad Exterior, Add	*33.18*	
08 52 19 00-0094	EA	24" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	368.01	
		For Low-E Insulated Glass, Add	*32.51*	
		For Aluminum Clad Exterior, Add	*34.83*	
08 52 19 00-0095	EA	28" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	384.58	
		For Low-E Insulated Glass, Add	*34.19*	
		For Aluminum Clad Exterior, Add	*36.64*	
08 52 19 00-0096	EA	30" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	392.87	
		For Low-E Insulated Glass, Add	*35.04*	
		For Aluminum Clad Exterior, Add	*37.54*	
08 52 19 00-0097	EA	32" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	400.17	
		For Low-E Insulated Glass, Add	*35.74*	
		For Aluminum Clad Exterior, Add	*38.29*	
08 52 19 00-0098	EA	34" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	408.44	
		For Low-E Insulated Glass, Add	*36.58*	
		For Aluminum Clad Exterior, Add	*39.19*	
08 52 19 00-0099	EA	36" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	415.74	
		For Low-E Insulated Glass, Add	*37.28*	
		For Aluminum Clad Exterior, Add	*39.94*	
08 52 19 00-0100	EA	40" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	431.31	
		For Low-E Insulated Glass, Add	*38.82*	
		For Aluminum Clad Exterior, Add	*41.59*	
08 52 19 00-0101	EA	44" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	446.89	
		For Low-E Insulated Glass, Add	*40.36*	
		For Aluminum Clad Exterior, Add	*43.24*	

08 52 19 00-0102 62" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 19 00-0001)

08 52 19 00-0103	EA	20" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	363.01	
		For Low-E Insulated Glass, Add	*31.81*	
		For Aluminum Clad Exterior, Add	*34.08*	
08 52 19 00-0104	EA	24" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	378.58	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.74*	
08 52 19 00-0105	EA	28" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	395.16	
		For Low-E Insulated Glass, Add	*35.04*	
		For Aluminum Clad Exterior, Add	*37.54*	
08 52 19 00-0106	EA	30" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	402.44	
		For Low-E Insulated Glass, Add	*35.74*	
		For Aluminum Clad Exterior, Add	*38.29*	
08 52 19 00-0107	EA	32" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	410.73	
		For Low-E Insulated Glass, Add	*36.58*	
		For Aluminum Clad Exterior, Add	*39.19*	
08 52 19 00-0108	EA	34" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	418.02	
		For Low-E Insulated Glass, Add	*37.28*	
		For Aluminum Clad Exterior, Add	*39.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 19 00-0109	EA	36" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	426.30	
		For Low-E Insulated Glass, Add	*38.12*	
		For Aluminum Clad Exterior, Add	*40.84*	
08 52 19 00-0110	EA	40" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	440.88	
		For Low-E Insulated Glass, Add	*39.52*	
		For Aluminum Clad Exterior, Add	*42.34*	
08 52 19 00-0111	EA	44" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	456.45	
		For Low-E Insulated Glass, Add	*41.06*	
		For Aluminum Clad Exterior, Add	*43.99*	

08 52 19 00-0112 66" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 19 00-0001)

08 52 19 00-0113	EA	20" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	378.58	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.74*	
08 52 19 00-0114	EA	24" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	395.16	
		For Low-E Insulated Glass, Add	*35.04*	
		For Aluminum Clad Exterior, Add	*37.54*	
08 52 19 00-0115	EA	28" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	410.73	
		For Low-E Insulated Glass, Add	*36.58*	
		For Aluminum Clad Exterior, Add	*39.19*	
08 52 19 00-0116	EA	30" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	418.02	
		For Low-E Insulated Glass, Add	*37.28*	
		For Aluminum Clad Exterior, Add	*39.94*	
08 52 19 00-0117	EA	32" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	426.30	
		For Low-E Insulated Glass, Add	*38.12*	
		For Aluminum Clad Exterior, Add	*40.84*	
08 52 19 00-0118	EA	34" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	433.59	
		For Low-E Insulated Glass, Add	*38.82*	
		For Aluminum Clad Exterior, Add	*41.59*	
08 52 19 00-0119	EA	36" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	440.88	
		For Low-E Insulated Glass, Add	*39.52*	
		For Aluminum Clad Exterior, Add	*42.34*	
08 52 19 00-0120	EA	40" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	456.45	
		For Low-E Insulated Glass, Add	*41.06*	
		For Aluminum Clad Exterior, Add	*43.99*	
08 52 19 00-0121	EA	44" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	472.03	
		For Low-E Insulated Glass, Add	*42.60*	
		For Aluminum Clad Exterior, Add	*45.65*	

08 52 19 00-0122 70" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 19 00-0001)

08 52 19 00-0123	EA	20" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	394.01	
		For Low-E Insulated Glass, Add	*35.04*	
		For Aluminum Clad Exterior, Add	*37.54*	
08 52 19 00-0124	EA	24" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	409.59	
		For Low-E Insulated Glass, Add	*36.58*	
		For Aluminum Clad Exterior, Add	*39.19*	
08 52 19 00-0125	EA	28" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	425.16	
		For Low-E Insulated Glass, Add	*38.12*	
		For Aluminum Clad Exterior, Add	*40.84*	
08 52 19 00-0126	EA	30" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	432.45	
		For Low-E Insulated Glass, Add	*38.82*	
		For Aluminum Clad Exterior, Add	*41.59*	
08 52 19 00-0127	EA	32" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	439.74	
		For Low-E Insulated Glass, Add	*39.52*	
		For Aluminum Clad Exterior, Add	*42.34*	
08 52 19 00-0128	EA	34" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	450.99	
		For Low-E Insulated Glass, Add	*40.78*	
		For Aluminum Clad Exterior, Add	*43.69*	
08 52 19 00-0129	EA	36" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	456.36	
		For Low-E Insulated Glass, Add	*41.21*	
		For Aluminum Clad Exterior, Add	*44.15*	
08 52 19 00-0130	EA	40" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	470.88	
		For Low-E Insulated Glass, Add	*42.60*	
		For Aluminum Clad Exterior, Add	*45.65*	
08 52 19 00-0131	EA	44" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	487.47	
		For Low-E Insulated Glass, Add	*44.28*	
		For Aluminum Clad Exterior, Add	*47.45*	

08 52 19 00-0132 74" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 19 00-0001)

08 52 19 00-0133	EA	20" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	410.73	
		For Low-E Insulated Glass, Add	*36.58*	
		For Aluminum Clad Exterior, Add	*39.19*	
08 52 19 00-0134	EA	24" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	426.30	
		For Low-E Insulated Glass, Add	*38.12*	
		For Aluminum Clad Exterior, Add	*40.84*	
08 52 19 00-0135	EA	28" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	440.88	
		For Low-E Insulated Glass, Add	*39.52*	
		For Aluminum Clad Exterior, Add	*42.34*	
08 52 19 00-0136	EA	30" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	449.17	
		For Low-E Insulated Glass, Add	*40.36*	
		For Aluminum Clad Exterior, Add	*43.24*	
08 52 19 00-0137	EA	32" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	456.45	
		For Low-E Insulated Glass, Add	*41.06*	
		For Aluminum Clad Exterior, Add	*43.99*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 19 00-0138		EA	34" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	464.74	
			For Low-E Insulated Glass, Add	*41.90*	
			For Aluminum Clad Exterior, Add	*44.90*	
08 52 19 00-0139		EA	36" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	472.03	
			For Low-E Insulated Glass, Add	*42.60*	
			For Aluminum Clad Exterior, Add	*45.65*	
08 52 19 00-0140		EA	40" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	488.61	
			For Low-E Insulated Glass, Add	*44.28*	
			For Aluminum Clad Exterior, Add	*47.45*	
08 52 19 00-0141		EA	44" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	504.19	
			For Low-E Insulated Glass, Add	*45.83*	
			For Aluminum Clad Exterior, Add	*49.10*	

08 52 19 00-0142 78" Height, Sash-Only Replacement Kits For Double Hung Wood Windows
(08 52 19 00-0001)

08 52 19 00-0143		EA	20" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	430.87	
			For Low-E Insulated Glass, Add	*38.12*	
			For Aluminum Clad Exterior, Add	*40.84*	
08 52 19 00-0144		EA	24" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	445.44	
			For Low-E Insulated Glass, Add	*39.52*	
			For Aluminum Clad Exterior, Add	*42.34*	
08 52 19 00-0145		EA	28" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	461.02	
			For Low-E Insulated Glass, Add	*41.06*	
			For Aluminum Clad Exterior, Add	*43.99*	
08 52 19 00-0146		EA	30" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	469.30	
			For Low-E Insulated Glass, Add	*41.90*	
			For Aluminum Clad Exterior, Add	*44.90*	
08 52 19 00-0147		EA	32" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	476.59	
			For Low-E Insulated Glass, Add	*42.60*	
			For Aluminum Clad Exterior, Add	*45.65*	
08 52 19 00-0148		EA	34" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	484.88	
			For Low-E Insulated Glass, Add	*43.44*	
			For Aluminum Clad Exterior, Add	*46.55*	
08 52 19 00-0149		EA	36" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	493.18	
			For Low-E Insulated Glass, Add	*44.28*	
			For Aluminum Clad Exterior, Add	*47.45*	
08 52 19 00-0150		EA	40" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	508.74	
			For Low-E Insulated Glass, Add	*45.83*	
			For Aluminum Clad Exterior, Add	*49.10*	
08 52 19 00-0151		EA	44" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	524.31	
			For Low-E Insulated Glass, Add	*47.37*	
			For Aluminum Clad Exterior, Add	*50.75*	

08 52 19 00-0152 Commercial And Institutional Heavy Double Hung Windows *(08 52 19)*
Note: With true divided lites. Performance grade DP 40 in NWWDA I.S. 2-93. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.

08 52 19 00-0153	SF		Up To 21 SF Double Hung Wood Window With True Divided Lite	63.55	10.19
			For Insulating Glass, Add	*3.67*	
08 52 19 00-0154	SF		21 To 40 SF Double Hung Wood Window With True Divided Lite	61.30	11.32
			For Insulating Glass, Add	*3.29*	
08 52 19 00-0155	SF		40 SF And Over Double Hung Wood Window With True Divided Lite	59.49	12.71
			For Insulating Glass, Add	*2.89*	

08 52 19 00-0156 Architectural And Historic Reproduction Wood Windows *(08 52 19)*
Note: Fixed casement, awning, and double hung. With true divided lites. Casement performance grade DP 40; awning performance grade DP 25; double hung performance grade DP 30. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.

08 52 19 00-0157	SF		Up To 21 SF Architectural And Historic Reproduction Wood Window	68.10	10.18
			For Insulating Glass, Add	*4.06*	
08 52 19 00-0158	SF		21 To 40 SF Architectural And Historic Reproduction Wood Window	63.76	11.32
			For Insulating Glass, Add	*3.50*	
08 52 19 00-0159	SF		40 SF And Over Architectural And Historic Reproduction Wood Window	60.93	12.71
			For Insulating Glass, Add	*3.01*	

08 52 19 00-0160 Removal And Reinstallation Of Wood Window And Frame *(08 52 19)*
Note: Includes storage, cleaning and supply materials.

08 52 19 00-0161	SF		Remove And Reinstall Wood Windows And Frames	25.07	

08 52 19 00-0162 Window Casing *(08 52 19)*

08 52 19 00-0163 Window Casing Covers *(08 52 19 00-0162)*

08 52 19 00-0164	EA		Up To 40" x 96" Window Casing Cover	272.51	57.05

08 52 66 Wood Window Screens *(08 52)*

08 52 66 00-0001 Insect Screens For Wood Clad Windows *(08 52 66)*

08 52 66 00-0002	EA		Up To 6 SF, Insect Screen For Wood Clad Windows	28.39	6.63
08 52 66 00-0003	EA		>6 To 9 SF, Insect Screen For Wood Clad Windows	32.71	6.63
08 52 66 00-0004	EA		>9 To 12 SF, Insect Screen For Wood Clad Windows	34.88	6.63
08 52 66 00-0005	EA		>12 To 15 SF, Insect Screen For Wood Clad Windows	39.20	6.63
08 52 66 00-0006	EA		>15 To 20 SF, Insect Screen For Wood Clad Windows	47.84	6.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 66 00-0007	EA	>20 To 25 SF, Insect Screen For Wood Clad Windows	52.17	6.63
08 52 66 00-0008	EA	>25 To 30 SF, Insect Screen For Wood Clad Windows	56.49	6.63
08 52 66 00-0009	EA	>30 To 35 SF, Insect Screen For Wood Clad Windows	60.81	6.63
08 52 66 00-0010	SF	>35 SF, Insect Screen For Wood Clad Windows	1.81	0.13

08 53 Plastic Windows *(08 50)*

08 53 13 Vinyl Windows *(08 53)*

08 53 13 00-0001 Single Hung Vinyl Windows *(08 53 13)*

08 53 13 00-0002 New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0001)*
Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0003 34" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0004	EA	24" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	162.97	37.48
		For Colored Vinyl, Add	*8.80*	
		For Tinted Glass, Add	*10.56*	
		For Low-E Insulated Glass, Add	*22.00*	
		For Obscure Glass, Add	*24.20*	
08 53 13 00-0005	EA	28" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	171.13	39.12
		For Colored Vinyl, Add	*9.29*	
		For Tinted Glass, Add	*11.15*	
		For Low-E Insulated Glass, Add	*23.22*	
		For Obscure Glass, Add	*25.54*	
08 53 13 00-0006	EA	30" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	174.65	39.93
		For Colored Vinyl, Add	*9.48*	
		For Tinted Glass, Add	*11.37*	
		For Low-E Insulated Glass, Add	*23.70*	
		For Obscure Glass, Add	*26.06*	
08 53 13 00-0007	EA	32" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	178.43	40.75
		For Colored Vinyl, Add	*9.69*	
		For Tinted Glass, Add	*11.63*	
		For Low-E Insulated Glass, Add	*24.23*	
		For Obscure Glass, Add	*26.66*	
08 53 13 00-0008	EA	36" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	187.67	42.38
		For Colored Vinyl, Add	*10.29*	
		For Tinted Glass, Add	*12.35*	
		For Low-E Insulated Glass, Add	*25.73*	
		For Obscure Glass, Add	*28.30*	
08 53 13 00-0009	EA	44" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	203.26	45.64
		For Colored Vinyl, Add	*11.20*	
		For Tinted Glass, Add	*13.44*	
		For Low-E Insulated Glass, Add	*28.00*	
		For Obscure Glass, Add	*30.79*	

08 53 13 00-0010 36" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0011	EA	24" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	166.32	38.30
		For Colored Vinyl, Add	*8.97*	
		For Tinted Glass, Add	*10.77*	
		For Low-E Insulated Glass, Add	*22.43*	
		For Obscure Glass, Add	*24.67*	
08 53 13 00-0012	EA	28" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	174.49	39.12
		For Colored Vinyl, Add	*9.46*	
		For Tinted Glass, Add	*11.35*	
		For Low-E Insulated Glass, Add	*23.66*	
		For Obscure Glass, Add	*26.02*	
08 53 13 00-0013	EA	30" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	178.01	40.75
		For Colored Vinyl, Add	*9.65*	
		For Tinted Glass, Add	*11.58*	
		For Low-E Insulated Glass, Add	*24.13*	
		For Obscure Glass, Add	*26.54*	
08 53 13 00-0014	EA	32" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	181.77	41.56
		For Colored Vinyl, Add	*9.87*	
		For Tinted Glass, Add	*11.84*	
		For Low-E Insulated Glass, Add	*24.66*	
		For Obscure Glass, Add	*27.13*	
08 53 13 00-0015	EA	36" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	191.03	43.19
		For Colored Vinyl, Add	*10.47*	
		For Tinted Glass, Add	*12.56*	
		For Low-E Insulated Glass, Add	*26.16*	
		For Obscure Glass, Add	*28.78*	
08 53 13 00-0016	EA	44" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	206.62	46.45
		For Colored Vinyl, Add	*11.37*	
		For Tinted Glass, Add	*13.65*	
		For Low-E Insulated Glass, Add	*28.43*	
		For Obscure Glass, Add	*31.27*	

08 53 13 00-0017 38" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0018	EA	24" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	169.60	39.12
		For Colored Vinyl, Add	*9.14*	
		For Tinted Glass, Add	*10.96*	
		For Low-E Insulated Glass, Add	*22.84*	
		For Obscure Glass, Add	*25.12*	
08 53 13 00-0019	EA	28" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	177.76	40.75
		For Colored Vinyl, Add	*9.63*	
		For Tinted Glass, Add	*11.55*	
		For Low-E Insulated Glass, Add	*24.07*	
		For Obscure Glass, Add	*26.47*	
08 53 13 00-0020	EA	30" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	181.39	41.56
		For Colored Vinyl, Add	*9.83*	
		For Tinted Glass, Add	*11.79*	
		For Low-E Insulated Glass, Add	*24.57*	
		For Obscure Glass, Add	*27.02*	
08 53 13 00-0021	EA	32" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	185.16	42.38
		For Colored Vinyl, Add	*10.04*	
		For Tinted Glass, Add	*12.05*	
		For Low-E Insulated Glass, Add	*25.10*	
		For Obscure Glass, Add	*27.61*	
08 53 13 00-0022	EA	36" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	194.54	44.01
		For Colored Vinyl, Add	*10.65*	
		For Tinted Glass, Add	*12.78*	
		For Low-E Insulated Glass, Add	*26.63*	
		For Obscure Glass, Add	*29.30*	
08 53 13 00-0023	EA	44" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	210.30	47.27
		For Colored Vinyl, Add	*11.58*	
		For Tinted Glass, Add	*13.89*	
		For Low-E Insulated Glass, Add	*28.94*	
		For Obscure Glass, Add	*31.83*	

08 53 13 00-0024 44" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0025	EA	24" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	179.56	41.56
		For Colored Vinyl, Add	*9.64*	
		For Tinted Glass, Add	*11.57*	
		For Low-E Insulated Glass, Add	*24.11*	
		For Obscure Glass, Add	*26.52*	
08 53 13 00-0026	EA	28" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	187.73	43.19
		For Colored Vinyl, Add	*10.14*	
		For Tinted Glass, Add	*12.16*	
		For Low-E Insulated Glass, Add	*25.34*	
		For Obscure Glass, Add	*27.87*	
08 53 13 00-0027	EA	30" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	191.72	44.01
		For Colored Vinyl, Add	*10.37*	
		For Tinted Glass, Add	*12.45*	
		For Low-E Insulated Glass, Add	*25.93*	
		For Obscure Glass, Add	*28.52*	
08 53 13 00-0028	EA	32" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	195.50	44.82
		For Colored Vinyl, Add	*10.59*	
		For Tinted Glass, Add	*12.70*	
		For Low-E Insulated Glass, Add	*26.46*	
		For Obscure Glass, Add	*29.11*	
08 53 13 00-0029	EA	36" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	205.24	46.45
		For Colored Vinyl, Add	*11.23*	
		For Tinted Glass, Add	*13.48*	
		For Low-E Insulated Glass, Add	*28.08*	
		For Obscure Glass, Add	*30.89*	
08 53 13 00-0030	EA	44" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	221.44	49.71
		For Colored Vinyl, Add	*12.20*	
		For Tinted Glass, Add	*14.64*	
		For Low-E Insulated Glass, Add	*30.50*	
		For Obscure Glass, Add	*33.55*	

08 53 13 00-0031 46" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0032	EA	24" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	182.92	42.38
		For Colored Vinyl, Add	*9.82*	
		For Tinted Glass, Add	*11.78*	
		For Low-E Insulated Glass, Add	*24.54*	
		For Obscure Glass, Add	*27.00*	
08 53 13 00-0033	EA	28" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	191.08	44.01
		For Colored Vinyl, Add	*10.31*	
		For Tinted Glass, Add	*12.37*	
		For Low-E Insulated Glass, Add	*25.77*	
		For Obscure Glass, Add	*28.34*	
08 53 13 00-0034	EA	30" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	195.20	44.82
		For Colored Vinyl, Add	*10.56*	
		For Tinted Glass, Add	*12.67*	
		For Low-E Insulated Glass, Add	*26.39*	
		For Obscure Glass, Add	*29.03*	
08 53 13 00-0035	EA	32" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	198.97	45.64
		For Colored Vinyl, Add	*10.77*	
		For Tinted Glass, Add	*12.92*	
		For Low-E Insulated Glass, Add	*26.92*	
		For Obscure Glass, Add	*29.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0036	EA	36" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	208.82	47.27
		For Colored Vinyl, Add	*11.43*	
		For Tinted Glass, Add	*13.71*	
		For Low-E Insulated Glass, Add	*28.57*	
		For Obscure Glass, Add	*31.43*	
08 53 13 00-0037	EA	44" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	225.19	50.53
		For Colored Vinyl, Add	*12.41*	
		For Tinted Glass, Add	*14.90*	
		For Low-E Insulated Glass, Add	*31.03*	
		For Obscure Glass, Add	*34.14*	

08 53 13 00-0038 48" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0039	EA	24" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	186.30	43.19
		For Colored Vinyl, Add	*9.99*	
		For Tinted Glass, Add	*11.99*	
		For Low-E Insulated Glass, Add	*24.98*	
		For Obscure Glass, Add	*27.48*	
08 53 13 00-0040	EA	28" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	194.48	44.82
		For Colored Vinyl, Add	*10.48*	
		For Tinted Glass, Add	*12.58*	
		For Low-E Insulated Glass, Add	*26.21*	
		For Obscure Glass, Add	*28.83*	
08 53 13 00-0041	EA	30" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	198.69	45.64
		For Colored Vinyl, Add	*10.74*	
		For Tinted Glass, Add	*12.89*	
		For Low-E Insulated Glass, Add	*26.85*	
		For Obscure Glass, Add	*29.54*	
08 53 13 00-0042	EA	32" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	202.46	46.45
		For Colored Vinyl, Add	*10.96*	
		For Tinted Glass, Add	*13.15*	
		For Low-E Insulated Glass, Add	*27.39*	
		For Obscure Glass, Add	*30.13*	
08 53 13 00-0043	EA	36" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	212.44	48.08
		For Colored Vinyl, Add	*11.63*	
		For Tinted Glass, Add	*13.95*	
		For Low-E Insulated Glass, Add	*29.07*	
		For Obscure Glass, Add	*31.97*	
08 53 13 00-0044	EA	44" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	228.96	51.35
		For Colored Vinyl, Add	*12.63*	
		For Tinted Glass, Add	*15.15*	
		For Low-E Insulated Glass, Add	*31.57*	
		For Obscure Glass, Add	*34.72*	

08 53 13 00-0045 50" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0046	EA	24" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	189.58	44.01
		For Colored Vinyl, Add	*10.16*	
		For Tinted Glass, Add	*12.19*	
		For Low-E Insulated Glass, Add	*25.39*	
		For Obscure Glass, Add	*27.93*	
08 53 13 00-0047	EA	28" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	197.75	45.64
		For Colored Vinyl, Add	*10.65*	
		For Tinted Glass, Add	*12.78*	
		For Low-E Insulated Glass, Add	*26.62*	
		For Obscure Glass, Add	*29.28*	
08 53 13 00-0048	EA	30" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	202.09	46.45
		For Colored Vinyl, Add	*10.92*	
		For Tinted Glass, Add	*13.10*	
		For Low-E Insulated Glass, Add	*27.30*	
		For Obscure Glass, Add	*30.02*	
08 53 13 00-0049	EA	32" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	205.86	47.27
		For Colored Vinyl, Add	*11.13*	
		For Tinted Glass, Add	*13.36*	
		For Low-E Insulated Glass, Add	*27.83*	
		For Obscure Glass, Add	*30.61*	
08 53 13 00-0050	EA	36" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	215.94	48.90
		For Colored Vinyl, Add	*11.81*	
		For Tinted Glass, Add	*14.18*	
		For Low-E Insulated Glass, Add	*29.54*	
		For Obscure Glass, Add	*32.49*	
08 53 13 00-0051	EA	44" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	232.62	52.16
		For Colored Vinyl, Add	*12.83*	
		For Tinted Glass, Add	*15.40*	
		For Low-E Insulated Glass, Add	*32.08*	
		For Obscure Glass, Add	*35.28*	

08 53 13 00-0052 52" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0053	EA	24" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	192.87	44.82
		For Colored Vinyl, Add	*10.32*	
		For Tinted Glass, Add	*12.39*	
		For Low-E Insulated Glass, Add	*25.81*	
		For Obscure Glass, Add	*28.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0054	EA	28" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	201.04	46.45
		For Colored Vinyl, Add	*10.81*	
		For Tinted Glass, Add	*12.98*	
		For Low-E Insulated Glass, Add	*27.03*	
		For Obscure Glass, Add	*29.74*	
08 53 13 00-0055	EA	30" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	205.50	47.27
		For Colored Vinyl, Add	*11.10*	
		For Tinted Glass, Add	*13.32*	
		For Low-E Insulated Glass, Add	*27.74*	
		For Obscure Glass, Add	*30.51*	
08 53 13 00-0056	EA	32" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	209.27	48.08
		For Colored Vinyl, Add	*11.31*	
		For Tinted Glass, Add	*13.57*	
		For Low-E Insulated Glass, Add	*28.28*	
		For Obscure Glass, Add	*31.10*	
08 53 13 00-0057	EA	36" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	219.48	49.71
		For Colored Vinyl, Add	*12.01*	
		For Tinted Glass, Add	*14.41*	
		For Low-E Insulated Glass, Add	*30.01*	
		For Obscure Glass, Add	*33.01*	
08 53 13 00-0058	EA	44" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	236.31	52.98
		For Colored Vinyl, Add	*13.04*	
		For Tinted Glass, Add	*15.64*	
		For Low-E Insulated Glass, Add	*32.59*	
		For Obscure Glass, Add	*35.85*	

08 53 13 00-0059 54" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0060	EA	24" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	196.16	45.64
		For Colored Vinyl, Add	*10.49*	
		For Tinted Glass, Add	*12.59*	
		For Low-E Insulated Glass, Add	*26.22*	
		For Obscure Glass, Add	*28.84*	
08 53 13 00-0061	EA	28" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	204.33	47.27
		For Colored Vinyl, Add	*10.98*	
		For Tinted Glass, Add	*13.17*	
		For Low-E Insulated Glass, Add	*27.45*	
		For Obscure Glass, Add	*30.19*	
08 53 13 00-0062	EA	30" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	208.90	48.08
		For Colored Vinyl, Add	*11.27*	
		For Tinted Glass, Add	*13.53*	
		For Low-E Insulated Glass, Add	*28.18*	
		For Obscure Glass, Add	*31.00*	
08 53 13 00-0063	EA	32" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	212.67	48.90
		For Colored Vinyl, Add	*11.49*	
		For Tinted Glass, Add	*13.78*	
		For Low-E Insulated Glass, Add	*28.72*	
		For Obscure Glass, Add	*31.59*	
08 53 13 00-0064	EA	36" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	222.99	50.53
		For Colored Vinyl, Add	*12.19*	
		For Tinted Glass, Add	*14.63*	
		For Low-E Insulated Glass, Add	*30.48*	
		For Obscure Glass, Add	*33.53*	
08 53 13 00-0065	EA	44" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	239.96	53.79
		For Colored Vinyl, Add	*13.24*	
		For Tinted Glass, Add	*15.89*	
		For Low-E Insulated Glass, Add	*33.10*	
		For Obscure Glass, Add	*36.41*	

08 53 13 00-0066 60" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0067	EA	24" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	206.23	48.08
		For Colored Vinyl, Add	*11.01*	
		For Tinted Glass, Add	*13.21*	
		For Low-E Insulated Glass, Add	*27.52*	
		For Obscure Glass, Add	*30.27*	
08 53 13 00-0068	EA	28" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	214.40	49.71
		For Colored Vinyl, Add	*11.50*	
		For Tinted Glass, Add	*13.80*	
		For Low-E Insulated Glass, Add	*28.74*	
		For Obscure Glass, Add	*31.62*	
08 53 13 00-0069	EA	30" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	219.30	50.53
		For Colored Vinyl, Add	*11.82*	
		For Tinted Glass, Add	*14.19*	
		For Low-E Insulated Glass, Add	*29.56*	
		For Obscure Glass, Add	*32.52*	
08 53 13 00-0070	EA	32" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	223.07	51.35
		For Colored Vinyl, Add	*12.04*	
		For Tinted Glass, Add	*14.45*	
		For Low-E Insulated Glass, Add	*30.10*	
		For Obscure Glass, Add	*33.10*	
08 53 13 00-0071	EA	36" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	233.75	52.98
		For Colored Vinyl, Add	*12.78*	
		For Tinted Glass, Add	*15.34*	
		For Low-E Insulated Glass, Add	*31.95*	
		For Obscure Glass, Add	*35.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0072	EA	44" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	251.19	56.24
		For Colored Vinyl, Add	*13.87*	
		For Tinted Glass, Add	*16.65*	
		For Low-E Insulated Glass, Add	*34.68*	
		For Obscure Glass, Add	*38.15*	

08 53 13 00-0073 62" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0074	EA	24" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	209.52	48.90
		For Colored Vinyl, Add	*11.17*	
		For Tinted Glass, Add	*13.41*	
		For Low-E Insulated Glass, Add	*27.93*	
		For Obscure Glass, Add	*30.72*	
08 53 13 00-0075	EA	28" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	217.69	50.53
		For Colored Vinyl, Add	*11.66*	
		For Tinted Glass, Add	*14.00*	
		For Low-E Insulated Glass, Add	*29.16*	
		For Obscure Glass, Add	*32.07*	
08 53 13 00-0076	EA	30" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	222.73	51.35
		For Colored Vinyl, Add	*12.00*	
		For Tinted Glass, Add	*14.40*	
		For Low-E Insulated Glass, Add	*30.01*	
		For Obscure Glass, Add	*33.01*	
08 53 13 00-0077	EA	32" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	226.50	52.16
		For Colored Vinyl, Add	*12.22*	
		For Tinted Glass, Add	*14.66*	
		For Low-E Insulated Glass, Add	*30.55*	
		For Obscure Glass, Add	*33.60*	
08 53 13 00-0078	EA	36" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	237.28	53.79
		For Colored Vinyl, Add	*12.97*	
		For Tinted Glass, Add	*15.57*	
		For Low-E Insulated Glass, Add	*32.43*	
		For Obscure Glass, Add	*35.67*	
08 53 13 00-0079	EA	44" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	254.90	57.05
		For Colored Vinyl, Add	*14.08*	
		For Tinted Glass, Add	*16.90*	
		For Low-E Insulated Glass, Add	*35.20*	
		For Obscure Glass, Add	*38.72*	

08 53 13 00-0080 66" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0081	EA	24" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	216.18	50.53
		For Colored Vinyl, Add	*11.51*	
		For Tinted Glass, Add	*13.81*	
		For Low-E Insulated Glass, Add	*28.78*	
		For Obscure Glass, Add	*31.66*	
08 53 13 00-0082	EA	28" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	224.34	52.16
		For Colored Vinyl, Add	*12.00*	
		For Tinted Glass, Add	*14.40*	
		For Low-E Insulated Glass, Add	*30.01*	
		For Obscure Glass, Add	*33.01*	
08 53 13 00-0083	EA	30" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	229.61	52.98
		For Colored Vinyl, Add	*12.37*	
		For Tinted Glass, Add	*14.84*	
		For Low-E Insulated Glass, Add	*30.92*	
		For Obscure Glass, Add	*34.01*	
08 53 13 00-0084	EA	32" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	233.37	53.79
		For Colored Vinyl, Add	*12.58*	
		For Tinted Glass, Add	*15.10*	
		For Low-E Insulated Glass, Add	*31.45*	
		For Obscure Glass, Add	*34.60*	
08 53 13 00-0085	EA	36" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	244.41	55.42
		For Colored Vinyl, Add	*13.36*	
		For Tinted Glass, Add	*16.03*	
		For Low-E Insulated Glass, Add	*33.40*	
		For Obscure Glass, Add	*36.73*	
08 53 13 00-0086	EA	44" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	262.32	58.68
		For Colored Vinyl, Add	*14.50*	
		For Tinted Glass, Add	*17.40*	
		For Low-E Insulated Glass, Add	*36.24*	
		For Obscure Glass, Add	*39.86*	

08 53 13 00-0087 72" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0088	EA	24" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	226.25	52.98
		For Colored Vinyl, Add	*12.03*	
		For Tinted Glass, Add	*14.44*	
		For Low-E Insulated Glass, Add	*30.08*	
		For Obscure Glass, Add	*33.08*	
08 53 13 00-0089	EA	28" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	234.40	54.61
		For Colored Vinyl, Add	*12.52*	
		For Tinted Glass, Add	*15.02*	
		For Low-E Insulated Glass, Add	*31.30*	
		For Obscure Glass, Add	*34.43*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0090		EA	30" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	239.67	55.42
			For Colored Vinyl, Add	*12.88*	
			For Tinted Glass, Add	*15.46*	
			For Low-E Insulated Glass, Add	*32.21*	
			For Obscure Glass, Add	*35.43*	
08 53 13 00-0091		EA	32" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	243.44	56.24
			For Colored Vinyl, Add	*13.10*	
			For Tinted Glass, Add	*15.72*	
			For Low-E Insulated Glass, Add	*32.75*	
			For Obscure Glass, Add	*36.02*	
08 53 13 00-0092		EA	36" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	254.49	57.87
			For Colored Vinyl, Add	*13.88*	
			For Tinted Glass, Add	*16.65*	
			For Low-E Insulated Glass, Add	*34.69*	
			For Obscure Glass, Add	*38.16*	
08 53 13 00-0093		EA	44" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	272.39	61.12
			For Colored Vinyl, Add	*15.01*	
			For Tinted Glass, Add	*18.02*	
			For Low-E Insulated Glass, Add	*37.54*	
			For Obscure Glass, Add	*41.29*	

08 53 13 00-0094 Replacement, Single Hung Vinyl Windows (Silver Line 2000) *(08 53 13 00-0001)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0095		EA	Up To 73" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	226.76	42.79
			For Colored Vinyl, Add	*14.12*	
			For Tinted Glass, Add	*16.94*	
			For Low-E Insulated Glass, Add	*35.30*	
			For Obscure Glass, Add	*38.83*	
08 53 13 00-0096		EA	>73" To 83" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	248.52	46.87
			For Colored Vinyl, Add	*15.48*	
			For Tinted Glass, Add	*18.58*	
			For Low-E Insulated Glass, Add	*38.70*	
			For Obscure Glass, Add	*42.57*	
08 53 13 00-0097		EA	>83" To 93" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	268.90	50.93
			For Colored Vinyl, Add	*16.70*	
			For Tinted Glass, Add	*20.04*	
			For Low-E Insulated Glass, Add	*41.76*	
			For Obscure Glass, Add	*45.93*	
08 53 13 00-0098		EA	>93" To 101" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	284.43	55.01
			For Colored Vinyl, Add	*17.44*	
			For Tinted Glass, Add	*20.93*	
			For Low-E Insulated Glass, Add	*43.60*	
			For Obscure Glass, Add	*47.96*	
08 53 13 00-0099		EA	>101" To 110" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	300.53	59.09
			For Colored Vinyl, Add	*18.24*	
			For Tinted Glass, Add	*21.88*	
			For Low-E Insulated Glass, Add	*45.59*	
			For Obscure Glass, Add	*50.15*	
08 53 13 00-0100		EA	>110" To 120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	325.26	63.16
			For Colored Vinyl, Add	*19.89*	
			For Tinted Glass, Add	*23.87*	
			For Low-E Insulated Glass, Add	*49.73*	
			For Obscure Glass, Add	*54.71*	
08 53 13 00-0101		UI	>120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	2.72	0.53
			For Colored Vinyl, Add	*0.17*	
			For Tinted Glass, Add	*0.20*	
			For Low-E Insulated Glass, Add	*0.42*	
			For Obscure Glass, Add	*0.46*	

08 53 13 00-0102 Double Hung Vinyl Windows *(08 53 13)*

08 53 13 00-0103 New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0102)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0104 34" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0105		EA	24" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	216.11	37.48
			For Colored Vinyl, Add	*14.11*	
			For Tinted Glass, Add	*16.94*	
			For Low-E Insulated Glass, Add	*35.28*	
			For Obscure Glass, Add	*38.81*	
08 53 13 00-0106		EA	28" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	224.28	39.12
			For Colored Vinyl, Add	*14.60*	
			For Tinted Glass, Add	*17.52*	
			For Low-E Insulated Glass, Add	*36.51*	
			For Obscure Glass, Add	*40.16*	
08 53 13 00-0107		EA	30" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	228.26	39.93
			For Colored Vinyl, Add	*14.84*	
			For Tinted Glass, Add	*17.81*	
			For Low-E Insulated Glass, Add	*37.10*	
			For Obscure Glass, Add	*40.81*	
08 53 13 00-0108		EA	32" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	232.03	40.75
			For Colored Vinyl, Add	*15.05*	
			For Tinted Glass, Add	*18.06*	
			For Low-E Insulated Glass, Add	*37.63*	
			For Obscure Glass, Add	*41.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0109	EA	36" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	240.82	42.38
		For Colored Vinyl, Add	*15.61*	
		For Tinted Glass, Add	*18.73*	
		For Low-E Insulated Glass, Add	*39.02*	
		For Obscure Glass, Add	*42.92*	
08 53 13 00-0110	EA	44" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	255.82	45.64
		For Colored Vinyl, Add	*16.45*	
		For Tinted Glass, Add	*19.74*	
		For Low-E Insulated Glass, Add	*41.14*	
		For Obscure Glass, Add	*45.25*	

08 53 13 00-0111 36" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0112	EA	24" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	219.47	38.30
		For Colored Vinyl, Add	*14.29*	
		For Tinted Glass, Add	*17.14*	
		For Low-E Insulated Glass, Add	*35.72*	
		For Obscure Glass, Add	*39.29*	
08 53 13 00-0113	EA	28" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	227.63	39.93
		For Colored Vinyl, Add	*14.78*	
		For Tinted Glass, Add	*17.73*	
		For Low-E Insulated Glass, Add	*36.94*	
		For Obscure Glass, Add	*40.63*	
08 53 13 00-0114	EA	30" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	231.61	40.75
		For Colored Vinyl, Add	*15.01*	
		For Tinted Glass, Add	*18.01*	
		For Low-E Insulated Glass, Add	*37.53*	
		For Obscure Glass, Add	*41.28*	
08 53 13 00-0115	EA	32" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	235.37	41.56
		For Colored Vinyl, Add	*15.23*	
		For Tinted Glass, Add	*18.27*	
		For Low-E Insulated Glass, Add	*38.06*	
		For Obscure Glass, Add	*41.87*	
08 53 13 00-0116	EA	36" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	244.17	43.19
		For Colored Vinyl, Add	*15.78*	
		For Tinted Glass, Add	*18.93*	
		For Low-E Insulated Glass, Add	*39.45*	
		For Obscure Glass, Add	*43.39*	
08 53 13 00-0117	EA	44" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	259.17	46.45
		For Colored Vinyl, Add	*16.63*	
		For Tinted Glass, Add	*19.95*	
		For Low-E Insulated Glass, Add	*41.57*	
		For Obscure Glass, Add	*45.72*	

08 53 13 00-0118 38" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0119	EA	24" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	222.58	39.12
		For Colored Vinyl, Add	*14.43*	
		For Tinted Glass, Add	*17.32*	
		For Low-E Insulated Glass, Add	*36.09*	
		For Obscure Glass, Add	*39.69*	
08 53 13 00-0120	EA	28" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	230.74	40.75
		For Colored Vinyl, Add	*14.92*	
		For Tinted Glass, Add	*17.91*	
		For Low-E Insulated Glass, Add	*37.31*	
		For Obscure Glass, Add	*41.04*	
08 53 13 00-0121	EA	30" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	234.81	41.56
		For Colored Vinyl, Add	*15.17*	
		For Tinted Glass, Add	*18.20*	
		For Low-E Insulated Glass, Add	*37.92*	
		For Obscure Glass, Add	*41.71*	
08 53 13 00-0122	EA	32" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	238.58	42.38
		For Colored Vinyl, Add	*15.38*	
		For Tinted Glass, Add	*18.46*	
		For Low-E Insulated Glass, Add	*38.46*	
		For Obscure Glass, Add	*42.30*	
08 53 13 00-0123	EA	36" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	247.52	44.01
		For Colored Vinyl, Add	*15.95*	
		For Tinted Glass, Add	*19.14*	
		For Low-E Insulated Glass, Add	*39.88*	
		For Obscure Glass, Add	*43.87*	
08 53 13 00-0124	EA	44" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	262.65	47.27
		For Colored Vinyl, Add	*16.81*	
		For Tinted Glass, Add	*20.17*	
		For Low-E Insulated Glass, Add	*42.03*	
		For Obscure Glass, Add	*46.23*	

08 53 13 00-0125 44" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0126	EA	24" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	232.83	41.56
		For Colored Vinyl, Add	*14.97*	
		For Tinted Glass, Add	*17.97*	
		For Low-E Insulated Glass, Add	*37.43*	
		For Obscure Glass, Add	*41.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0127	EA	28" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	241.00	43.19
		For Colored Vinyl, Add	*15.46*	
		For Tinted Glass, Add	*18.55*	
		For Low-E Insulated Glass, Add	*38.66*	
		For Obscure Glass, Add	*42.52*	
08 53 13 00-0128	EA	30" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	244.51	44.01
		For Colored Vinyl, Add	*15.65*	
		For Tinted Glass, Add	*18.78*	
		For Low-E Insulated Glass, Add	*39.13*	
		For Obscure Glass, Add	*43.04*	
08 53 13 00-0129	EA	32" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	248.29	44.82
		For Colored Vinyl, Add	*15.86*	
		For Tinted Glass, Add	*19.04*	
		For Low-E Insulated Glass, Add	*39.66*	
		For Obscure Glass, Add	*43.63*	
08 53 13 00-0130	EA	36" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	257.53	46.45
		For Colored Vinyl, Add	*16.46*	
		For Tinted Glass, Add	*19.75*	
		For Low-E Insulated Glass, Add	*41.16*	
		For Obscure Glass, Add	*45.27*	
08 53 13 00-0131	EA	44" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	273.35	49.71
		For Colored Vinyl, Add	*17.39*	
		For Tinted Glass, Add	*20.87*	
		For Low-E Insulated Glass, Add	*43.48*	
		For Obscure Glass, Add	*47.83*	

08 53 13 00-0132 46" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0133	EA	24" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	235.93	42.38
		For Colored Vinyl, Add	*15.12*	
		For Tinted Glass, Add	*18.14*	
		For Low-E Insulated Glass, Add	*37.80*	
		For Obscure Glass, Add	*41.57*	
08 53 13 00-0134	EA	28" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	244.09	44.01
		For Colored Vinyl, Add	*15.61*	
		For Tinted Glass, Add	*18.73*	
		For Low-E Insulated Glass, Add	*39.02*	
		For Obscure Glass, Add	*42.92*	
08 53 13 00-0135	EA	30" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	247.76	44.82
		For Colored Vinyl, Add	*15.81*	
		For Tinted Glass, Add	*18.97*	
		For Low-E Insulated Glass, Add	*39.53*	
		For Obscure Glass, Add	*43.48*	
08 53 13 00-0136	EA	32" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	251.53	45.64
		For Colored Vinyl, Add	*16.03*	
		For Tinted Glass, Add	*19.23*	
		For Low-E Insulated Glass, Add	*40.06*	
		For Obscure Glass, Add	*44.07*	
08 53 13 00-0137	EA	36" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	260.87	47.27
		For Colored Vinyl, Add	*16.63*	
		For Tinted Glass, Add	*19.96*	
		For Low-E Insulated Glass, Add	*41.58*	
		For Obscure Glass, Add	*45.74*	
08 53 13 00-0138	EA	44" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	277.10	50.53
		For Colored Vinyl, Add	*17.60*	
		For Tinted Glass, Add	*21.12*	
		For Low-E Insulated Glass, Add	*44.01*	
		For Obscure Glass, Add	*48.41*	

08 53 13 00-0139 48" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0140	EA	24" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	239.05	43.19
		For Colored Vinyl, Add	*15.27*	
		For Tinted Glass, Add	*18.32*	
		For Low-E Insulated Glass, Add	*38.17*	
		For Obscure Glass, Add	*41.98*	
08 53 13 00-0141	EA	28" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	247.22	44.82
		For Colored Vinyl, Add	*15.76*	
		For Tinted Glass, Add	*18.91*	
		For Low-E Insulated Glass, Add	*39.39*	
		For Obscure Glass, Add	*43.33*	
08 53 13 00-0142	EA	30" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	250.97	45.64
		For Colored Vinyl, Add	*15.97*	
		For Tinted Glass, Add	*19.16*	
		For Low-E Insulated Glass, Add	*39.92*	
		For Obscure Glass, Add	*43.91*	
08 53 13 00-0143	EA	32" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	254.74	46.45
		For Colored Vinyl, Add	*16.18*	
		For Tinted Glass, Add	*19.42*	
		For Low-E Insulated Glass, Add	*40.46*	
		For Obscure Glass, Add	*44.50*	
08 53 13 00-0144	EA	36" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	264.21	48.08
		For Colored Vinyl, Add	*16.80*	
		For Tinted Glass, Add	*20.16*	
		For Low-E Insulated Glass, Add	*42.01*	
		For Obscure Glass, Add	*46.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0145	EA	44" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	280.81	51.35
		For Colored Vinyl, Add	*17.81*	
		For Tinted Glass, Add	*21.37*	
		For Low-E Insulated Glass, Add	*44.53*	
		For Obscure Glass, Add	*48.98*	

08 53 13 00-0146 50" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0147	EA	24" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	242.14	44.01
		For Colored Vinyl, Add	*15.41*	
		For Tinted Glass, Add	*18.50*	
		For Low-E Insulated Glass, Add	*38.53*	
		For Obscure Glass, Add	*42.39*	
08 53 13 00-0148	EA	28" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	250.32	45.64
		For Colored Vinyl, Add	*15.90*	
		For Tinted Glass, Add	*19.08*	
		For Low-E Insulated Glass, Add	*39.76*	
		For Obscure Glass, Add	*43.74*	
08 53 13 00-0149	EA	30" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	254.20	46.45
		For Colored Vinyl, Add	*16.13*	
		For Tinted Glass, Add	*19.35*	
		For Low-E Insulated Glass, Add	*40.32*	
		For Obscure Glass, Add	*44.35*	
08 53 13 00-0150	EA	32" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	257.97	47.27
		For Colored Vinyl, Add	*16.34*	
		For Tinted Glass, Add	*19.61*	
		For Low-E Insulated Glass, Add	*40.86*	
		For Obscure Glass, Add	*44.94*	
08 53 13 00-0151	EA	36" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	267.56	48.90
		For Colored Vinyl, Add	*16.98*	
		For Tinted Glass, Add	*20.37*	
		For Low-E Insulated Glass, Add	*42.44*	
		For Obscure Glass, Add	*46.68*	
08 53 13 00-0152	EA	44" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	284.55	52.16
		For Colored Vinyl, Add	*18.02*	
		For Tinted Glass, Add	*21.63*	
		For Low-E Insulated Glass, Add	*45.06*	
		For Obscure Glass, Add	*49.56*	

08 53 13 00-0153 52" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0154	EA	24" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	245.26	44.82
		For Colored Vinyl, Add	*15.56*	
		For Tinted Glass, Add	*18.67*	
		For Low-E Insulated Glass, Add	*38.90*	
		For Obscure Glass, Add	*42.79*	
08 53 13 00-0155	EA	28" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	253.43	46.45
		For Colored Vinyl, Add	*16.05*	
		For Tinted Glass, Add	*19.26*	
		For Low-E Insulated Glass, Add	*40.13*	
		For Obscure Glass, Add	*44.14*	
08 53 13 00-0156	EA	30" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	257.40	47.27
		For Colored Vinyl, Add	*16.29*	
		For Tinted Glass, Add	*19.54*	
		For Low-E Insulated Glass, Add	*40.72*	
		For Obscure Glass, Add	*44.79*	
08 53 13 00-0157	EA	32" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	261.18	48.08
		For Colored Vinyl, Add	*16.50*	
		For Tinted Glass, Add	*19.80*	
		For Low-E Insulated Glass, Add	*41.25*	
		For Obscure Glass, Add	*45.38*	
08 53 13 00-0158	EA	36" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	271.14	49.71
		For Colored Vinyl, Add	*17.17*	
		For Tinted Glass, Add	*20.61*	
		For Low-E Insulated Glass, Add	*42.93*	
		For Obscure Glass, Add	*47.22*	
08 53 13 00-0159	EA	44" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	288.24	52.98
		For Colored Vinyl, Add	*18.23*	
		For Tinted Glass, Add	*21.87*	
		For Low-E Insulated Glass, Add	*45.57*	
		For Obscure Glass, Add	*50.13*	

08 53 13 00-0160 54" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0161	EA	24" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	248.38	45.64
		For Colored Vinyl, Add	*15.71*	
		For Tinted Glass, Add	*18.85*	
		For Low-E Insulated Glass, Add	*39.28*	
		For Obscure Glass, Add	*43.20*	
08 53 13 00-0162	EA	28" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	256.55	47.27
		For Colored Vinyl, Add	*16.20*	
		For Tinted Glass, Add	*19.44*	
		For Low-E Insulated Glass, Add	*40.50*	
		For Obscure Glass, Add	*44.55*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0163	EA	30" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	260.65	48.08
		For Colored Vinyl, Add	*16.45*	
		For Tinted Glass, Add	*19.74*	
		For Low-E Insulated Glass, Add	*41.12*	
		For Obscure Glass, Add	*45.23*	
08 53 13 00-0164	EA	32" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	264.42	48.90
		For Colored Vinyl, Add	*16.66*	
		For Tinted Glass, Add	*19.99*	
		For Low-E Insulated Glass, Add	*41.66*	
		For Obscure Glass, Add	*45.82*	
08 53 13 00-0165	EA	36" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	274.71	50.53
		For Colored Vinyl, Add	*17.37*	
		For Tinted Glass, Add	*20.84*	
		For Low-E Insulated Glass, Add	*43.41*	
		For Obscure Glass, Add	*47.75*	
08 53 13 00-0166	EA	44" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	291.93	53.79
		For Colored Vinyl, Add	*18.44*	
		For Tinted Glass, Add	*22.12*	
		For Low-E Insulated Glass, Add	*46.09*	
		For Obscure Glass, Add	*50.70*	

08 53 13 00-0167 60" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0168	EA	24" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	257.74	48.08
		For Colored Vinyl, Add	*16.16*	
		For Tinted Glass, Add	*19.39*	
		For Low-E Insulated Glass, Add	*40.39*	
		For Obscure Glass, Add	*44.43*	
08 53 13 00-0169	EA	28" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	265.90	49.71
		For Colored Vinyl, Add	*16.65*	
		For Tinted Glass, Add	*19.98*	
		For Low-E Insulated Glass, Add	*41.62*	
		For Obscure Glass, Add	*45.78*	
08 53 13 00-0170	EA	30" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	270.82	50.53
		For Colored Vinyl, Add	*16.98*	
		For Tinted Glass, Add	*20.37*	
		For Low-E Insulated Glass, Add	*42.44*	
		For Obscure Glass, Add	*46.68*	
08 53 13 00-0171	EA	32" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	274.59	51.35
		For Colored Vinyl, Add	*17.19*	
		For Tinted Glass, Add	*20.63*	
		For Low-E Insulated Glass, Add	*42.98*	
		For Obscure Glass, Add	*47.27*	
08 53 13 00-0172	EA	36" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	285.41	52.98
		For Colored Vinyl, Add	*17.95*	
		For Tinted Glass, Add	*21.54*	
		For Low-E Insulated Glass, Add	*44.87*	
		For Obscure Glass, Add	*49.35*	
08 53 13 00-0173	EA	44" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	303.06	56.24
		For Colored Vinyl, Add	*19.06*	
		For Tinted Glass, Add	*22.87*	
		For Low-E Insulated Glass, Add	*47.65*	
		For Obscure Glass, Add	*52.42*	

08 53 13 00-0174 62" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0175	EA	24" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	260.84	48.90
		For Colored Vinyl, Add	*16.30*	
		For Tinted Glass, Add	*19.56*	
		For Low-E Insulated Glass, Add	*40.76*	
		For Obscure Glass, Add	*44.84*	
08 53 13 00-0176	EA	28" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	269.01	50.53
		For Colored Vinyl, Add	*16.80*	
		For Tinted Glass, Add	*20.15*	
		For Low-E Insulated Glass, Add	*41.99*	
		For Obscure Glass, Add	*46.19*	
08 53 13 00-0177	EA	30" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	274.26	51.35
		For Colored Vinyl, Add	*17.16*	
		For Tinted Glass, Add	*20.59*	
		For Low-E Insulated Glass, Add	*42.89*	
		For Obscure Glass, Add	*47.18*	
08 53 13 00-0178	EA	32" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	278.03	52.16
		For Colored Vinyl, Add	*17.37*	
		For Tinted Glass, Add	*20.85*	
		For Low-E Insulated Glass, Add	*43.43*	
		For Obscure Glass, Add	*47.77*	
08 53 13 00-0179	EA	36" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	288.95	53.79
		For Colored Vinyl, Add	*18.14*	
		For Tinted Glass, Add	*21.77*	
		For Low-E Insulated Glass, Add	*45.35*	
		For Obscure Glass, Add	*49.88*	
08 53 13 00-0180	EA	44" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	307.05	57.05
		For Colored Vinyl, Add	*19.30*	
		For Tinted Glass, Add	*23.15*	
		For Low-E Insulated Glass, Add	*48.24*	
		For Obscure Glass, Add	*53.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 53 13 00-0181 66" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0182	EA	24" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	267.56	50.53
		For Colored Vinyl, Add	*16.65*	
		For Tinted Glass, Add	*19.98*	
		For Low-E Insulated Glass, Add	*41.63*	
		For Obscure Glass, Add	*45.79*	
08 53 13 00-0183	EA	28" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	275.72	52.16
		For Colored Vinyl, Add	*17.14*	
		For Tinted Glass, Add	*20.57*	
		For Low-E Insulated Glass, Add	*42.85*	
		For Obscure Glass, Add	*47.14*	
08 53 13 00-0184	EA	30" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	281.15	52.98
		For Colored Vinyl, Add	*17.52*	
		For Tinted Glass, Add	*21.02*	
		For Low-E Insulated Glass, Add	*43.80*	
		For Obscure Glass, Add	*48.18*	
08 53 13 00-0185	EA	32" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	284.91	53.79
		For Colored Vinyl, Add	*17.73*	
		For Tinted Glass, Add	*21.28*	
		For Low-E Insulated Glass, Add	*44.34*	
		For Obscure Glass, Add	*48.77*	
08 53 13 00-0186	EA	36" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	296.10	55.42
		For Colored Vinyl, Add	*18.53*	
		For Tinted Glass, Add	*22.23*	
		For Low-E Insulated Glass, Add	*46.32*	
		For Obscure Glass, Add	*50.95*	
08 53 13 00-0187	EA	44" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	314.79	58.68
		For Colored Vinyl, Add	*19.74*	
		For Tinted Glass, Add	*23.69*	
		For Low-E Insulated Glass, Add	*49.36*	
		For Obscure Glass, Add	*54.29*	

08 53 13 00-0188 72" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0189	EA	24" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	277.63	52.98
		For Colored Vinyl, Add	*17.17*	
		For Tinted Glass, Add	*20.60*	
		For Low-E Insulated Glass, Add	*42.92*	
		For Obscure Glass, Add	*47.21*	
08 53 13 00-0190	EA	28" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	285.78	54.61
		For Colored Vinyl, Add	*17.66*	
		For Tinted Glass, Add	*21.19*	
		For Low-E Insulated Glass, Add	*44.15*	
		For Obscure Glass, Add	*48.56*	
08 53 13 00-0191	EA	30" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	291.21	55.42
		For Colored Vinyl, Add	*18.04*	
		For Tinted Glass, Add	*21.65*	
		For Low-E Insulated Glass, Add	*45.10*	
		For Obscure Glass, Add	*49.60*	
08 53 13 00-0192	EA	32" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	294.98	56.24
		For Colored Vinyl, Add	*18.25*	
		For Tinted Glass, Add	*21.90*	
		For Low-E Insulated Glass, Add	*45.63*	
		For Obscure Glass, Add	*50.19*	
08 53 13 00-0193	EA	36" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	306.18	57.87
		For Colored Vinyl, Add	*19.05*	
		For Tinted Glass, Add	*22.85*	
		For Low-E Insulated Glass, Add	*47.61*	
		For Obscure Glass, Add	*52.37*	
08 53 13 00-0194	EA	44" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	324.86	61.12
		For Colored Vinyl, Add	*20.26*	
		For Tinted Glass, Add	*24.31*	
		For Low-E Insulated Glass, Add	*50.65*	
		For Obscure Glass, Add	*55.72*	

08 53 13 00-0195 Replacement, Double Hung Vinyl Windows (Silver Line 8500) *(08 53 13 00-0102)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0196	EA	Up To 73" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	262.06	42.79
		For Colored Vinyl, Add	*17.65*	
		For Tinted Glass, Add	*21.18*	
		For Low-E Insulated Glass, Add	*44.12*	
		For Obscure Glass, Add	*48.53*	
08 53 13 00-0197	EA	>73" To 83" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	288.65	46.87
		For Colored Vinyl, Add	*19.49*	
		For Tinted Glass, Add	*23.39*	
		For Low-E Insulated Glass, Add	*48.73*	
		For Obscure Glass, Add	*53.61*	
08 53 13 00-0198	EA	>83" To 93" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	313.87	50.93
		For Colored Vinyl, Add	*21.20*	
		For Tinted Glass, Add	*25.44*	
		For Low-E Insulated Glass, Add	*53.00*	
		For Obscure Glass, Add	*58.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0199	EA	>93" To 101" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	333.27	55.01
		For Colored Vinyl, Add	*22.33*	
		For Tinted Glass, Add	*26.79*	
		For Low-E Insulated Glass, Add	*55.81*	
		For Obscure Glass, Add	*61.39*	
08 53 13 00-0200	EA	>101" To 110" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	353.71	59.09
		For Colored Vinyl, Add	*23.55*	
		For Tinted Glass, Add	*28.26*	
		For Low-E Insulated Glass, Add	*58.89*	
		For Obscure Glass, Add	*64.77*	
08 53 13 00-0201	EA	>110" To 120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	383.29	63.16
		For Colored Vinyl, Add	*25.70*	
		For Tinted Glass, Add	*30.84*	
		For Low-E Insulated Glass, Add	*64.24*	
		For Obscure Glass, Add	*70.66*	
08 53 13 00-0202	UI	>120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	3.20	0.53
		For Colored Vinyl, Add	*0.21*	
		For Tinted Glass, Add	*0.26*	
		For Low-E Insulated Glass, Add	*0.54*	
		For Obscure Glass, Add	*0.59*	

08 53 13 00-0203 Casement Vinyl Windows *(08 53 13)*

08 53 13 00-0204 New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0203)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0205 One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*

08 53 13 00-0206 24" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0207	EA	17" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	194.10	30.97
		For Colored Vinyl, Add	*13.30*	
		For Tinted Glass, Add	*15.96*	
		For Low-E Insulated Glass, Add	*33.25*	
		For Obscure Glass, Add	*36.57*	
08 53 13 00-0208	EA	20" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	201.04	31.79
		For Colored Vinyl, Add	*13.75*	
		For Tinted Glass, Add	*16.50*	
		For Low-E Insulated Glass, Add	*34.37*	
		For Obscure Glass, Add	*37.80*	
08 53 13 00-0209	EA	24" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	208.79	33.42
		For Colored Vinyl, Add	*14.20*	
		For Tinted Glass, Add	*17.04*	
		For Low-E Insulated Glass, Add	*35.49*	
		For Obscure Glass, Add	*39.04*	
08 53 13 00-0210	EA	28" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	221.49	35.05
		For Colored Vinyl, Add	*15.14*	
		For Tinted Glass, Add	*18.17*	
		For Low-E Insulated Glass, Add	*37.85*	
		For Obscure Glass, Add	*41.64*	

08 53 13 00-0211 28" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0212	EA	17" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	205.72	32.60
		For Colored Vinyl, Add	*14.13*	
		For Tinted Glass, Add	*16.96*	
		For Low-E Insulated Glass, Add	*35.34*	
		For Obscure Glass, Add	*38.87*	
08 53 13 00-0213	EA	20" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	213.17	33.42
		For Colored Vinyl, Add	*14.63*	
		For Tinted Glass, Add	*17.56*	
		For Low-E Insulated Glass, Add	*36.59*	
		For Obscure Glass, Add	*40.24*	
08 53 13 00-0214	EA	24" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	221.42	35.05
		For Colored Vinyl, Add	*15.13*	
		For Tinted Glass, Add	*18.16*	
		For Low-E Insulated Glass, Add	*37.83*	
		For Obscure Glass, Add	*41.62*	
08 53 13 00-0215	EA	28" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	234.72	36.67
		For Colored Vinyl, Add	*16.14*	
		For Tinted Glass, Add	*19.36*	
		For Low-E Insulated Glass, Add	*40.34*	
		For Obscure Glass, Add	*44.38*	

08 53 13 00-0216 36" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0217	EA	17" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	220.41	35.05
		For Colored Vinyl, Add	*15.03*	
		For Tinted Glass, Add	*18.04*	
		For Low-E Insulated Glass, Add	*37.58*	
		For Obscure Glass, Add	*41.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0218	EA	20" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	228.10	36.67
		For Colored Vinyl, Add	*15.56*	
		For Tinted Glass, Add	*18.67*	
		For Low-E Insulated Glass, Add	*38.89*	
		For Obscure Glass, Add	*42.78*	
08 53 13 00-0219	EA	24" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	236.63	37.90
		For Colored Vinyl, Add	*16.08*	
		For Tinted Glass, Add	*19.30*	
		For Low-E Insulated Glass, Add	*40.21*	
		For Obscure Glass, Add	*44.23*	
08 53 13 00-0220	EA	28" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	250.42	39.53
		For Colored Vinyl, Add	*17.14*	
		For Tinted Glass, Add	*20.56*	
		For Low-E Insulated Glass, Add	*42.84*	
		For Obscure Glass, Add	*47.12*	

08 53 13 00-0221 40" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0222	EA	17" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	233.14	37.48
		For Colored Vinyl, Add	*15.90*	
		For Tinted Glass, Add	*19.08*	
		For Low-E Insulated Glass, Add	*39.75*	
		For Obscure Glass, Add	*43.72*	
08 53 13 00-0223	EA	20" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	241.20	38.30
		For Colored Vinyl, Add	*16.46*	
		For Tinted Glass, Add	*19.75*	
		For Low-E Insulated Glass, Add	*41.15*	
		For Obscure Glass, Add	*45.26*	
08 53 13 00-0224	EA	24" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	250.07	39.93
		For Colored Vinyl, Add	*17.02*	
		For Tinted Glass, Add	*20.42*	
		For Low-E Insulated Glass, Add	*42.55*	
		For Obscure Glass, Add	*46.81*	
08 53 13 00-0225	EA	28" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	264.84	41.56
		For Colored Vinyl, Add	*18.17*	
		For Tinted Glass, Add	*21.81*	
		For Low-E Insulated Glass, Add	*45.43*	
		For Obscure Glass, Add	*49.97*	

08 53 13 00-0226 48" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0227	EA	17" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	248.42	40.75
		For Colored Vinyl, Add	*16.77*	
		For Tinted Glass, Add	*20.13*	
		For Low-E Insulated Glass, Add	*41.93*	
		For Obscure Glass, Add	*46.13*	
08 53 13 00-0228	EA	20" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	256.76	41.56
		For Colored Vinyl, Add	*17.36*	
		For Tinted Glass, Add	*20.84*	
		For Low-E Insulated Glass, Add	*43.41*	
		For Obscure Glass, Add	*47.75*	
08 53 13 00-0229	EA	24" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	265.95	43.19
		For Colored Vinyl, Add	*17.96*	
		For Tinted Glass, Add	*21.55*	
		For Low-E Insulated Glass, Add	*44.89*	
		For Obscure Glass, Add	*49.38*	
08 53 13 00-0230	EA	28" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	282.05	44.82
		For Colored Vinyl, Add	*19.24*	
		For Tinted Glass, Add	*23.09*	
		For Low-E Insulated Glass, Add	*48.10*	
		For Obscure Glass, Add	*52.91*	

08 53 13 00-0231 52" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0232	EA	17" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	260.37	42.38
		For Colored Vinyl, Add	*17.64*	
		For Tinted Glass, Add	*21.17*	
		For Low-E Insulated Glass, Add	*44.11*	
		For Obscure Glass, Add	*48.52*	
08 53 13 00-0233	EA	20" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	269.14	43.19
		For Colored Vinyl, Add	*18.28*	
		For Tinted Glass, Add	*21.93*	
		For Low-E Insulated Glass, Add	*45.69*	
		For Obscure Glass, Add	*50.26*	
08 53 13 00-0234	EA	24" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	278.72	44.82
		For Colored Vinyl, Add	*18.91*	
		For Tinted Glass, Add	*22.69*	
		For Low-E Insulated Glass, Add	*47.27*	
		For Obscure Glass, Add	*51.99*	
08 53 13 00-0235	EA	28" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	295.06	46.45
		For Colored Vinyl, Add	*20.22*	
		For Tinted Glass, Add	*24.26*	
		For Low-E Insulated Glass, Add	*50.54*	
		For Obscure Glass, Add	*55.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0236		60" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0237	EA	17" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	274.78	44.82
		For Colored Vinyl, Add	*18.51*	
		For Tinted Glass, Add	*22.22*	
		For Low-E Insulated Glass, Add	*46.28*	
		For Obscure Glass, Add	*50.91*	
08 53 13 00-0238	EA	20" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	283.95	46.45
		For Colored Vinyl, Add	*19.19*	
		For Tinted Glass, Add	*23.02*	
		For Low-E Insulated Glass, Add	*47.97*	
		For Obscure Glass, Add	*52.76*	
08 53 13 00-0239	EA	24" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	293.94	47.67
		For Colored Vinyl, Add	*19.86*	
		For Tinted Glass, Add	*23.83*	
		For Low-E Insulated Glass, Add	*49.65*	
		For Obscure Glass, Add	*54.61*	
08 53 13 00-0240	EA	28" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	310.52	49.30
		For Colored Vinyl, Add	*21.19*	
		For Tinted Glass, Add	*25.43*	
		For Low-E Insulated Glass, Add	*52.98*	
		For Obscure Glass, Add	*58.28*	
08 53 13 00-0241		64" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0242	EA	17" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	287.35	47.27
		For Colored Vinyl, Add	*19.36*	
		For Tinted Glass, Add	*23.24*	
		For Low-E Insulated Glass, Add	*48.41*	
		For Obscure Glass, Add	*53.25*	
08 53 13 00-0243	EA	20" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	296.73	48.08
		For Colored Vinyl, Add	*20.06*	
		For Tinted Glass, Add	*24.07*	
		For Low-E Insulated Glass, Add	*50.14*	
		For Obscure Glass, Add	*55.15*	
08 53 13 00-0244	EA	24" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	307.28	49.71
		For Colored Vinyl, Add	*20.79*	
		For Tinted Glass, Add	*24.94*	
		For Low-E Insulated Glass, Add	*51.96*	
		For Obscure Glass, Add	*57.16*	
08 53 13 00-0245	EA	28" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	323.51	51.35
		For Colored Vinyl, Add	*22.08*	
		For Tinted Glass, Add	*26.50*	
		For Low-E Insulated Glass, Add	*55.21*	
		For Obscure Glass, Add	*60.73*	
08 53 13 00-0246		72" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0247	EA	17" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	303.10	49.71
		For Colored Vinyl, Add	*20.37*	
		For Tinted Glass, Add	*24.44*	
		For Low-E Insulated Glass, Add	*50.92*	
		For Obscure Glass, Add	*56.01*	
08 53 13 00-0248	EA	20" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	312.92	51.35
		For Colored Vinyl, Add	*21.10*	
		For Tinted Glass, Add	*25.32*	
		For Low-E Insulated Glass, Add	*52.76*	
		For Obscure Glass, Add	*58.04*	
08 53 13 00-0249	EA	24" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	323.07	52.56
		For Colored Vinyl, Add	*21.79*	
		For Tinted Glass, Add	*26.15*	
		For Low-E Insulated Glass, Add	*54.48*	
		For Obscure Glass, Add	*59.93*	
08 53 13 00-0250	EA	28" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	339.11	54.19
		For Colored Vinyl, Add	*23.07*	
		For Tinted Glass, Add	*27.69*	
		For Low-E Insulated Glass, Add	*57.68*	
		For Obscure Glass, Add	*63.45*	
08 53 13 00-0251		Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*		
08 53 13 00-0252		36" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*		
08 53 13 00-0253	EA	33" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	371.84	41.56
		For Colored Vinyl, Add	*28.87*	
		For Tinted Glass, Add	*34.65*	
		For Low-E Insulated Glass, Add	*72.18*	
		For Obscure Glass, Add	*79.40*	
08 53 13 00-0254	EA	40" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	386.61	44.82
		For Colored Vinyl, Add	*29.78*	
		For Tinted Glass, Add	*35.73*	
		For Low-E Insulated Glass, Add	*74.45*	
		For Obscure Glass, Add	*81.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0255	EA	48" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	402.21	48.08
		For Colored Vinyl, Add	*30.69*	
		For Tinted Glass, Add	*36.82*	
		For Low-E Insulated Glass, Add	*76.72*	
		For Obscure Glass, Add	*84.39*	
08 53 13 00-0256	EA	56" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	419.50	50.93
		For Colored Vinyl, Add	*31.76*	
		For Tinted Glass, Add	*38.11*	
		For Low-E Insulated Glass, Add	*79.41*	
		For Obscure Glass, Add	*87.35*	

08 53 13 00-0257 40" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0258	EA	33" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	393.38	43.60
		For Colored Vinyl, Add	*30.62*	
		For Tinted Glass, Add	*36.74*	
		For Low-E Insulated Glass, Add	*76.55*	
		For Obscure Glass, Add	*84.20*	
08 53 13 00-0259	EA	40" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	408.90	46.45
		For Colored Vinyl, Add	*31.60*	
		For Tinted Glass, Add	*37.92*	
		For Low-E Insulated Glass, Add	*79.00*	
		For Obscure Glass, Add	*86.90*	
08 53 13 00-0260	EA	48" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	425.24	49.71
		For Colored Vinyl, Add	*32.58*	
		For Tinted Glass, Add	*39.10*	
		For Low-E Insulated Glass, Add	*81.45*	
		For Obscure Glass, Add	*89.60*	
08 53 13 00-0261	EA	56" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	442.07	52.98
		For Colored Vinyl, Add	*33.61*	
		For Tinted Glass, Add	*40.33*	
		For Low-E Insulated Glass, Add	*84.03*	
		For Obscure Glass, Add	*92.43*	

08 53 13 00-0262 48" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0263	EA	33" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	417.71	46.87
		For Colored Vinyl, Add	*32.40*	
		For Tinted Glass, Add	*38.88*	
		For Low-E Insulated Glass, Add	*81.00*	
		For Obscure Glass, Add	*89.10*	
08 53 13 00-0264	EA	40" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	433.76	49.71
		For Colored Vinyl, Add	*33.43*	
		For Tinted Glass, Add	*40.12*	
		For Low-E Insulated Glass, Add	*83.58*	
		For Obscure Glass, Add	*91.94*	
08 53 13 00-0265	EA	48" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	450.65	52.98
		For Colored Vinyl, Add	*34.47*	
		For Tinted Glass, Add	*41.36*	
		For Low-E Insulated Glass, Add	*86.18*	
		For Obscure Glass, Add	*94.79*	
08 53 13 00-0266	EA	56" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	468.72	56.24
		For Colored Vinyl, Add	*35.63*	
		For Tinted Glass, Add	*42.75*	
		For Low-E Insulated Glass, Add	*89.07*	
		For Obscure Glass, Add	*97.97*	

08 53 13 00-0267 52" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0268	EA	33" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	438.73	48.49
		For Colored Vinyl, Add	*34.18*	
		For Tinted Glass, Add	*41.01*	
		For Low-E Insulated Glass, Add	*85.44*	
		For Obscure Glass, Add	*93.98*	
08 53 13 00-0269	EA	40" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	455.51	51.35
		For Colored Vinyl, Add	*35.28*	
		For Tinted Glass, Add	*42.34*	
		For Low-E Insulated Glass, Add	*88.21*	
		For Obscure Glass, Add	*97.03*	
08 53 13 00-0270	EA	48" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	473.08	54.61
		For Colored Vinyl, Add	*36.39*	
		For Tinted Glass, Add	*43.67*	
		For Low-E Insulated Glass, Add	*90.97*	
		For Obscure Glass, Add	*100.07*	
08 53 13 00-0271	EA	56" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	491.43	57.87
		For Colored Vinyl, Add	*37.57*	
		For Tinted Glass, Add	*45.08*	
		For Low-E Insulated Glass, Add	*93.93*	
		For Obscure Glass, Add	*103.32*	

08 53 13 00-0272 60" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0273	EA	33" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	462.21	51.35
		For Colored Vinyl, Add	*35.95*	
		For Tinted Glass, Add	*43.14*	
		For Low-E Insulated Glass, Add	*89.88*	
		For Obscure Glass, Add	*98.87*	
08 53 13 00-0274	EA	40" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	479.69	54.61
		For Colored Vinyl, Add	*37.13*	
		For Tinted Glass, Add	*44.56*	
		For Low-E Insulated Glass, Add	*92.83*	
		For Obscure Glass, Add	*102.11*	
08 53 13 00-0275	EA	48" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	497.98	57.87
		For Colored Vinyl, Add	*38.31*	
		For Tinted Glass, Add	*45.97*	
		For Low-E Insulated Glass, Add	*95.77*	
		For Obscure Glass, Add	*105.34*	
08 53 13 00-0276	EA	56" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	516.55	60.72
		For Colored Vinyl, Add	*39.51*	
		For Tinted Glass, Add	*47.41*	
		For Low-E Insulated Glass, Add	*98.78*	
		For Obscure Glass, Add	*108.66*	

08 53 13 00-0277 64" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0278	EA	33" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	484.63	53.38
		For Colored Vinyl, Add	*37.79*	
		For Tinted Glass, Add	*45.34*	
		For Low-E Insulated Glass, Add	*94.47*	
		For Obscure Glass, Add	*103.91*	
08 53 13 00-0279	EA	40" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	502.11	56.24
		For Colored Vinyl, Add	*38.97*	
		For Tinted Glass, Add	*46.76*	
		For Low-E Insulated Glass, Add	*97.41*	
		For Obscure Glass, Add	*107.15*	
08 53 13 00-0280	EA	48" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	520.35	59.49
		For Colored Vinyl, Add	*40.14*	
		For Tinted Glass, Add	*48.16*	
		For Low-E Insulated Glass, Add	*100.34*	
		For Obscure Glass, Add	*110.37*	
08 53 13 00-0281	EA	56" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	538.98	62.75
		For Colored Vinyl, Add	*41.35*	
		For Tinted Glass, Add	*49.62*	
		For Low-E Insulated Glass, Add	*103.37*	
		For Obscure Glass, Add	*113.70*	

08 53 13 00-0282 72" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0283	EA	33" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	509.86	56.24
		For Colored Vinyl, Add	*39.74*	
		For Tinted Glass, Add	*47.69*	
		For Low-E Insulated Glass, Add	*99.35*	
		For Obscure Glass, Add	*109.29*	
08 53 13 00-0284	EA	40" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	527.35	59.49
		For Colored Vinyl, Add	*40.92*	
		For Tinted Glass, Add	*49.10*	
		For Low-E Insulated Glass, Add	*102.30*	
		For Obscure Glass, Add	*112.52*	
08 53 13 00-0285	EA	48" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	545.66	62.75
		For Colored Vinyl, Add	*42.10*	
		For Tinted Glass, Add	*50.52*	
		For Low-E Insulated Glass, Add	*105.24*	
		For Obscure Glass, Add	*115.77*	
08 53 13 00-0286	EA	56" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	564.22	65.61
		For Colored Vinyl, Add	*43.30*	
		For Tinted Glass, Add	*51.96*	
		For Low-E Insulated Glass, Add	*108.25*	
		For Obscure Glass, Add	*119.08*	

08 53 13 00-0287 Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*

08 53 13 00-0288 36" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0289	EA	62" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	460.48	52.98
		For Colored Vinyl, Add	*35.45*	
		For Tinted Glass, Add	*42.54*	
		For Low-E Insulated Glass, Add	*88.63*	
		For Obscure Glass, Add	*97.50*	
08 53 13 00-0290	EA	72" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	483.57	57.05
		For Colored Vinyl, Add	*36.95*	
		For Tinted Glass, Add	*44.34*	
		For Low-E Insulated Glass, Add	*92.37*	
		For Obscure Glass, Add	*101.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0291	EA	86" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	523.90	63.16
		For Colored Vinyl, Add	*39.76*	
		For Tinted Glass, Add	*47.71*	
		For Low-E Insulated Glass, Add	*99.39*	
		For Obscure Glass, Add	*109.33*	

08 53 13 00-0292 40" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0293	EA	62" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	489.46	55.42
		For Colored Vinyl, Add	*37.94*	
		For Tinted Glass, Add	*45.53*	
		For Low-E Insulated Glass, Add	*94.86*	
		For Obscure Glass, Add	*104.35*	
08 53 13 00-0294	EA	72" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	512.70	59.09
		For Colored Vinyl, Add	*39.45*	
		For Tinted Glass, Add	*47.34*	
		For Low-E Insulated Glass, Add	*98.63*	
		For Obscure Glass, Add	*108.50*	
08 53 13 00-0295	EA	86" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	555.03	65.20
		For Colored Vinyl, Add	*42.46*	
		For Tinted Glass, Add	*50.96*	
		For Low-E Insulated Glass, Add	*106.16*	
		For Obscure Glass, Add	*116.78*	

08 53 13 00-0296 48" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0297	EA	62" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	518.14	58.68
		For Colored Vinyl, Add	*40.08*	
		For Tinted Glass, Add	*48.09*	
		For Low-E Insulated Glass, Add	*100.20*	
		For Obscure Glass, Add	*110.21*	
08 53 13 00-0298	EA	72" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	544.64	62.35
		For Colored Vinyl, Add	*42.00*	
		For Tinted Glass, Add	*50.39*	
		For Low-E Insulated Glass, Add	*104.99*	
		For Obscure Glass, Add	*115.49*	
08 53 13 00-0299	EA	86" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	588.70	68.46
		For Colored Vinyl, Add	*45.18*	
		For Tinted Glass, Add	*54.21*	
		For Low-E Insulated Glass, Add	*112.95*	
		For Obscure Glass, Add	*124.24*	

08 53 13 00-0300 52" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0301	EA	62" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	545.46	60.30
		For Colored Vinyl, Add	*42.48*	
		For Tinted Glass, Add	*50.98*	
		For Low-E Insulated Glass, Add	*106.21*	
		For Obscure Glass, Add	*116.83*	
08 53 13 00-0302	EA	72" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	573.82	64.38
		For Colored Vinyl, Add	*44.51*	
		For Tinted Glass, Add	*53.41*	
		For Low-E Insulated Glass, Add	*111.26*	
		For Obscure Glass, Add	*122.39*	
08 53 13 00-0303	EA	86" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	623.11	70.09
		For Colored Vinyl, Add	*48.29*	
		For Tinted Glass, Add	*57.95*	
		For Low-E Insulated Glass, Add	*120.73*	
		For Obscure Glass, Add	*132.81*	

08 53 13 00-0304 60" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0305	EA	62" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	575.20	63.16
		For Colored Vinyl, Add	*44.89*	
		For Tinted Glass, Add	*53.86*	
		For Low-E Insulated Glass, Add	*112.22*	
		For Obscure Glass, Add	*123.44*	
08 53 13 00-0306	EA	72" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	604.60	67.24
		For Colored Vinyl, Add	*47.01*	
		For Tinted Glass, Add	*56.42*	
		For Low-E Insulated Glass, Add	*117.53*	
		For Obscure Glass, Add	*129.29*	
08 53 13 00-0307	EA	86" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	659.95	72.94
		For Colored Vinyl, Add	*51.41*	
		For Tinted Glass, Add	*61.69*	
		For Low-E Insulated Glass, Add	*128.52*	
		For Obscure Glass, Add	*141.37*	

08 53 13 00-0308 64" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0309	EA	62" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	606.42	65.20
		For Colored Vinyl, Add	*47.60*	
		For Tinted Glass, Add	*57.12*	
		For Low-E Insulated Glass, Add	*119.01*	
		For Obscure Glass, Add	*130.91*	
08 53 13 00-0310	EA	72" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	635.82	69.27
		For Colored Vinyl, Add	*49.73*	
		For Tinted Glass, Add	*59.67*	
		For Low-E Insulated Glass, Add	*124.32*	
		For Obscure Glass, Add	*136.75*	
08 53 13 00-0311	EA	86" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	691.17	74.98
		For Colored Vinyl, Add	*54.12*	
		For Tinted Glass, Add	*64.95*	
		For Low-E Insulated Glass, Add	*135.30*	
		For Obscure Glass, Add	*148.83*	

08 53 13 00-0312 72" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0313	EA	62" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	639.35	68.05
		For Colored Vinyl, Add	*50.33*	
		For Tinted Glass, Add	*60.39*	
		For Low-E Insulated Glass, Add	*125.81*	
		For Obscure Glass, Add	*138.39*	
08 53 13 00-0314	EA	72" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	668.75	72.12
		For Colored Vinyl, Add	*52.45*	
		For Tinted Glass, Add	*62.94*	
		For Low-E Insulated Glass, Add	*131.13*	
		For Obscure Glass, Add	*144.24*	
08 53 13 00-0315	EA	86" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	724.09	77.83
		For Colored Vinyl, Add	*56.84*	
		For Tinted Glass, Add	*68.21*	
		For Low-E Insulated Glass, Add	*142.11*	
		For Obscure Glass, Add	*156.32*	

08 53 13 00-0316 Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0203)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0317 One Operating Sash, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0318	EA	Up To 53" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	245.00	34.64
		For Colored Vinyl, Add	*17.57*	
		For Tinted Glass, Add	*21.09*	
		For Low-E Insulated Glass, Add	*43.93*	
		For Obscure Glass, Add	*48.33*	
08 53 13 00-0319	EA	>53 To 63" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	277.61	38.71
		For Colored Vinyl, Add	*20.02*	
		For Tinted Glass, Add	*24.02*	
		For Low-E Insulated Glass, Add	*50.05*	
		For Obscure Glass, Add	*55.05*	
08 53 13 00-0320	EA	>63 To 73" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	307.44	42.79
		For Colored Vinyl, Add	*22.19*	
		For Tinted Glass, Add	*26.62*	
		For Low-E Insulated Glass, Add	*55.47*	
		For Obscure Glass, Add	*61.01*	
08 53 13 00-0321	EA	>73" To 83" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	334.51	46.87
		For Colored Vinyl, Add	*24.08*	
		For Tinted Glass, Add	*28.89*	
		For Low-E Insulated Glass, Add	*60.20*	
		For Obscure Glass, Add	*66.22*	
08 53 13 00-0322	EA	>83" To 93" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	358.84	50.93
		For Colored Vinyl, Add	*25.70*	
		For Tinted Glass, Add	*30.84*	
		For Low-E Insulated Glass, Add	*64.24*	
		For Obscure Glass, Add	*70.66*	
08 53 13 00-0323	EA	>93" To 101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	375.13	55.01
		For Colored Vinyl, Add	*26.51*	
		For Tinted Glass, Add	*31.81*	
		For Low-E Insulated Glass, Add	*66.28*	
		For Obscure Glass, Add	*72.91*	
08 53 13 00-0324	UI	>101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	3.68	0.53
		For Colored Vinyl, Add	*0.26*	
		For Tinted Glass, Add	*0.31*	
		For Low-E Insulated Glass, Add	*0.66*	
		For Obscure Glass, Add	*0.72*	

08 53 13 00-0325 Two Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0326	EA	Up To 73" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	393.16	42.79
		For Colored Vinyl, Add	*30.76*	
		For Tinted Glass, Add	*36.91*	
		For Low-E Insulated Glass, Add	*76.90*	
		For Obscure Glass, Add	*84.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0327	EA	>73" To 83" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	431.98	46.87
		For Colored Vinyl, Add	*33.83*	
		For Tinted Glass, Add	*40.59*	
		For Low-E Insulated Glass, Add	*84.57*	
		For Obscure Glass, Add	*93.02*	
08 53 13 00-0328	EA	>83" To 93" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	468.04	50.93
		For Colored Vinyl, Add	*36.62*	
		For Tinted Glass, Add	*43.94*	
		For Low-E Insulated Glass, Add	*91.54*	
		For Obscure Glass, Add	*100.69*	
08 53 13 00-0329	EA	>93" To 101" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	493.73	55.01
		For Colored Vinyl, Add	*38.37*	
		For Tinted Glass, Add	*46.05*	
		For Low-E Insulated Glass, Add	*95.93*	
		For Obscure Glass, Add	*105.52*	
08 53 13 00-0330	EA	>101" To 110" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	520.87	59.09
		For Colored Vinyl, Add	*40.27*	
		For Tinted Glass, Add	*48.32*	
		For Low-E Insulated Glass, Add	*100.68*	
		For Obscure Glass, Add	*110.74*	
08 53 13 00-0331	EA	>110" To 120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	549.07	63.16
		For Colored Vinyl, Add	*42.27*	
		For Tinted Glass, Add	*50.73*	
		For Low-E Insulated Glass, Add	*105.69*	
		For Obscure Glass, Add	*116.25*	
08 53 13 00-0332	UI	>120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	4.58	0.53
		For Colored Vinyl, Add	*0.35*	
		For Tinted Glass, Add	*0.42*	
		For Low-E Insulated Glass, Add	*0.88*	
		For Obscure Glass, Add	*0.97*	

08 53 13 00-0333 Three Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0334	EA	Up To 73" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	408.29	42.79
		For Colored Vinyl, Add	*32.27*	
		For Tinted Glass, Add	*38.73*	
		For Low-E Insulated Glass, Add	*80.68*	
		For Obscure Glass, Add	*88.75*	
08 53 13 00-0335	EA	>73" To 83" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	448.76	46.87
		For Colored Vinyl, Add	*35.50*	
		For Tinted Glass, Add	*42.60*	
		For Low-E Insulated Glass, Add	*88.76*	
		For Obscure Glass, Add	*97.64*	
08 53 13 00-0336	EA	>83" To 93" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	487.32	50.93
		For Colored Vinyl, Add	*38.54*	
		For Tinted Glass, Add	*46.25*	
		For Low-E Insulated Glass, Add	*96.36*	
		For Obscure Glass, Add	*106.00*	
08 53 13 00-0337	EA	>93" To 101" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	514.66	55.01
		For Colored Vinyl, Add	*40.46*	
		For Tinted Glass, Add	*48.56*	
		For Low-E Insulated Glass, Add	*101.16*	
		For Obscure Glass, Add	*111.28*	
08 53 13 00-0338	EA	>101" To 110" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	543.67	59.09
		For Colored Vinyl, Add	*42.55*	
		For Tinted Glass, Add	*51.06*	
		For Low-E Insulated Glass, Add	*106.38*	
		For Obscure Glass, Add	*117.01*	
08 53 13 00-0339	EA	>110" To 120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	573.93	63.16
		For Colored Vinyl, Add	*44.76*	
		For Tinted Glass, Add	*53.71*	
		For Low-E Insulated Glass, Add	*111.90*	
		For Obscure Glass, Add	*123.09*	
08 53 13 00-0340	UI	>120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	4.79	0.53
		For Colored Vinyl, Add	*0.37*	
		For Tinted Glass, Add	*0.45*	
		For Low-E Insulated Glass, Add	*0.93*	
		For Obscure Glass, Add	*1.03*	

08 53 13 00-0341 Awning Vinyl Windows *(08 53 13)*

08 53 13 00-0342 New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0341)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0343 Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0342)*

08 53 13 00-0344 17" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0345	EA	24" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	245.28	33.42
		For Colored Vinyl, Add	*17.85*	
		For Tinted Glass, Add	*21.41*	
		For Low-E Insulated Glass, Add	*44.61*	
		For Obscure Glass, Add	*49.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0346	EA	28" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	256.83	35.05
		For Colored Vinyl, Add	*18.67*	
		For Tinted Glass, Add	*22.41*	
		For Low-E Insulated Glass, Add	*46.69*	
		For Obscure Glass, Add	*51.35*	
08 53 13 00-0347	EA	36" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	274.97	37.90
		For Colored Vinyl, Add	*19.92*	
		For Tinted Glass, Add	*23.90*	
		For Low-E Insulated Glass, Add	*49.79*	
		For Obscure Glass, Add	*54.77*	
08 53 13 00-0348	EA	40" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	286.86	39.93
		For Colored Vinyl, Add	*20.70*	
		For Tinted Glass, Add	*24.84*	
		For Low-E Insulated Glass, Add	*51.75*	
		For Obscure Glass, Add	*56.92*	
08 53 13 00-0349	EA	48" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	306.27	43.19
		For Colored Vinyl, Add	*21.99*	
		For Tinted Glass, Add	*26.39*	
		For Low-E Insulated Glass, Add	*54.97*	
		For Obscure Glass, Add	*60.47*	

08 53 13 00-0350 20" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0351	EA	24" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	258.08	35.05
		For Colored Vinyl, Add	*18.88*	
		For Tinted Glass, Add	*22.66*	
		For Low-E Insulated Glass, Add	*47.20*	
		For Obscure Glass, Add	*51.92*	
08 53 13 00-0352	EA	28" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	269.63	36.67
		For Colored Vinyl, Add	*19.71*	
		For Tinted Glass, Add	*23.65*	
		For Low-E Insulated Glass, Add	*49.28*	
		For Obscure Glass, Add	*54.20*	
08 53 13 00-0353	EA	36" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	288.92	39.12
		For Colored Vinyl, Add	*21.07*	
		For Tinted Glass, Add	*25.28*	
		For Low-E Insulated Glass, Add	*52.67*	
		For Obscure Glass, Add	*57.94*	
08 53 13 00-0354	EA	40" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	300.83	41.56
		For Colored Vinyl, Add	*21.85*	
		For Tinted Glass, Add	*26.22*	
		For Low-E Insulated Glass, Add	*54.63*	
		For Obscure Glass, Add	*60.09*	
08 53 13 00-0355	EA	48" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	321.38	44.42
		For Colored Vinyl, Add	*23.26*	
		For Tinted Glass, Add	*27.91*	
		For Low-E Insulated Glass, Add	*58.14*	
		For Obscure Glass, Add	*63.95*	

08 53 13 00-0356 24" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0357	EA	24" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	267.09	36.67
		For Colored Vinyl, Add	*19.46*	
		For Tinted Glass, Add	*23.35*	
		For Low-E Insulated Glass, Add	*48.64*	
		For Obscure Glass, Add	*53.50*	
08 53 13 00-0358	EA	28" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	278.64	38.30
		For Colored Vinyl, Add	*20.28*	
		For Tinted Glass, Add	*24.34*	
		For Low-E Insulated Glass, Add	*50.71*	
		For Obscure Glass, Add	*55.78*	
08 53 13 00-0359	EA	36" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	298.50	40.75
		For Colored Vinyl, Add	*21.70*	
		For Tinted Glass, Add	*26.04*	
		For Low-E Insulated Glass, Add	*54.25*	
		For Obscure Glass, Add	*59.68*	
08 53 13 00-0360	EA	40" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	311.33	43.19
		For Colored Vinyl, Add	*22.58*	
		For Tinted Glass, Add	*27.09*	
		For Low-E Insulated Glass, Add	*56.44*	
		For Obscure Glass, Add	*62.08*	
08 53 13 00-0361	EA	48" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	332.12	46.05
		For Colored Vinyl, Add	*24.00*	
		For Tinted Glass, Add	*28.80*	
		For Low-E Insulated Glass, Add	*60.01*	
		For Obscure Glass, Add	*66.01*	

08 53 13 00-0362 28" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0363	EA	24" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	276.12	38.30
		For Colored Vinyl, Add	*20.03*	
		For Tinted Glass, Add	*24.04*	
		For Low-E Insulated Glass, Add	*50.08*	
		For Obscure Glass, Add	*55.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0364	EA	28" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	287.66	39.93
		For Colored Vinyl, Add	*20.86*	
		For Tinted Glass, Add	*25.03*	
		For Low-E Insulated Glass, Add	*52.15*	
		For Obscure Glass, Add	*57.37*	
08 53 13 00-0365	EA	36" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	308.10	42.38
		For Colored Vinyl, Add	*22.34*	
		For Tinted Glass, Add	*26.80*	
		For Low-E Insulated Glass, Add	*55.84*	
		For Obscure Glass, Add	*61.42*	
08 53 13 00-0366	EA	40" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	321.79	44.82
		For Colored Vinyl, Add	*23.30*	
		For Tinted Glass, Add	*27.96*	
		For Low-E Insulated Glass, Add	*58.24*	
		For Obscure Glass, Add	*64.06*	
08 53 13 00-0367	EA	48" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	342.87	47.67
		For Colored Vinyl, Add	*24.75*	
		For Tinted Glass, Add	*29.70*	
		For Low-E Insulated Glass, Add	*61.88*	
		For Obscure Glass, Add	*68.07*	

08 53 13 00-0368 36" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0369	EA	36" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	326.46	45.24
		For Colored Vinyl, Add	*23.60*	
		For Tinted Glass, Add	*28.32*	
		For Low-E Insulated Glass, Add	*59.00*	
		For Obscure Glass, Add	*64.90*	
08 53 13 00-0370	EA	40" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	340.17	47.27
		For Colored Vinyl, Add	*24.56*	
		For Tinted Glass, Add	*29.48*	
		For Low-E Insulated Glass, Add	*61.41*	
		For Obscure Glass, Add	*67.55*	
08 53 13 00-0371	EA	48" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	362.40	50.53
		For Colored Vinyl, Add	*26.13*	
		For Tinted Glass, Add	*31.36*	
		For Low-E Insulated Glass, Add	*65.34*	
		For Obscure Glass, Add	*71.87*	

08 53 13 00-0372 Replacement, Awning Vinyl Windows (Silver Line 7400) *(08 53 13 00-0341)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0373	EA	Up To 53" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	255.98	34.64
		For Colored Vinyl, Add	*18.67*	
		For Tinted Glass, Add	*22.41*	
		For Low-E Insulated Glass, Add	*46.68*	
		For Obscure Glass, Add	*51.35*	
08 53 13 00-0374	EA	>53" To 63" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	295.01	38.71
		For Colored Vinyl, Add	*21.76*	
		For Tinted Glass, Add	*26.11*	
		For Low-E Insulated Glass, Add	*54.40*	
		For Obscure Glass, Add	*59.83*	
08 53 13 00-0375	EA	>63" To 73" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	332.65	42.79
		For Colored Vinyl, Add	*24.71*	
		For Tinted Glass, Add	*29.65*	
		For Low-E Insulated Glass, Add	*61.77*	
		For Obscure Glass, Add	*67.95*	
08 53 13 00-0376	EA	>73" To 83" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	368.91	46.87
		For Colored Vinyl, Add	*27.52*	
		For Tinted Glass, Add	*33.02*	
		For Low-E Insulated Glass, Add	*68.80*	
		For Obscure Glass, Add	*75.68*	
08 53 13 00-0377	EA	>83" To 93" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	403.80	50.93
		For Colored Vinyl, Add	*30.19*	
		For Tinted Glass, Add	*36.23*	
		For Low-E Insulated Glass, Add	*75.48*	
		For Obscure Glass, Add	*83.03*	
08 53 13 00-0378	EA	>93" To 101" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	423.96	55.01
		For Colored Vinyl, Add	*31.39*	
		For Tinted Glass, Add	*37.67*	
		For Low-E Insulated Glass, Add	*78.49*	
		For Obscure Glass, Add	*86.33*	
08 53 13 00-0379	UI	>101" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	4.17	0.53
		For Colored Vinyl, Add	*0.31*	
		For Tinted Glass, Add	*0.37*	
		For Low-E Insulated Glass, Add	*0.78*	
		For Obscure Glass, Add	*0.86*	

08 53 13 00-0380 Horizontal Sliding Vinyl Windows *(08 53 13)*

08 53 13 00-0381 New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0380)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0382 20" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0383	EA	36" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	162.46	39.93
		For Colored Vinyl, Add	*8.34*	
		For Tinted Glass, Add	*10.01*	
		For Low-E Insulated Glass, Add	*20.85*	
		For Obscure Glass, Add	*22.94*	
08 53 13 00-0384	EA	48" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	180.41	44.82
		For Colored Vinyl, Add	*9.16*	
		For Tinted Glass, Add	*10.99*	
		For Low-E Insulated Glass, Add	*22.90*	
		For Obscure Glass, Add	*25.18*	
08 53 13 00-0385	EA	54" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	189.39	46.87
		For Colored Vinyl, Add	*9.57*	
		For Tinted Glass, Add	*11.48*	
		For Low-E Insulated Glass, Add	*23.92*	
		For Obscure Glass, Add	*26.31*	
08 53 13 00-0386	EA	60" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	198.37	49.30
		For Colored Vinyl, Add	*9.98*	
		For Tinted Glass, Add	*11.97*	
		For Low-E Insulated Glass, Add	*24.94*	
		For Obscure Glass, Add	*27.43*	
08 53 13 00-0387	EA	64" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	204.36	51.35
		For Colored Vinyl, Add	*10.25*	
		For Tinted Glass, Add	*12.30*	
		For Low-E Insulated Glass, Add	*25.62*	
		For Obscure Glass, Add	*28.18*	
08 53 13 00-0388	EA	72" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	216.33	54.19
		For Colored Vinyl, Add	*10.79*	
		For Tinted Glass, Add	*12.95*	
		For Low-E Insulated Glass, Add	*26.99*	
		For Obscure Glass, Add	*29.68*	

08 53 13 00-0389 24" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0390	EA	36" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	170.32	41.56
		For Colored Vinyl, Add	*8.80*	
		For Tinted Glass, Add	*10.56*	
		For Low-E Insulated Glass, Add	*22.00*	
		For Obscure Glass, Add	*24.20*	
08 53 13 00-0391	EA	48" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	188.64	46.45
		For Colored Vinyl, Add	*9.66*	
		For Tinted Glass, Add	*11.59*	
		For Low-E Insulated Glass, Add	*24.14*	
		For Obscure Glass, Add	*26.55*	
08 53 13 00-0392	EA	54" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	197.86	48.49
		For Colored Vinyl, Add	*10.09*	
		For Tinted Glass, Add	*12.11*	
		For Low-E Insulated Glass, Add	*25.22*	
		For Obscure Glass, Add	*27.74*	
08 53 13 00-0393	EA	60" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	207.00	50.93
		For Colored Vinyl, Add	*10.51*	
		For Tinted Glass, Add	*12.61*	
		For Low-E Insulated Glass, Add	*26.28*	
		For Obscure Glass, Add	*28.91*	
08 53 13 00-0394	EA	64" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	213.10	52.98
		For Colored Vinyl, Add	*10.80*	
		For Tinted Glass, Add	*12.96*	
		For Low-E Insulated Glass, Add	*26.99*	
		For Obscure Glass, Add	*29.69*	
08 53 13 00-0395	EA	72" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	225.32	55.82
		For Colored Vinyl, Add	*11.37*	
		For Tinted Glass, Add	*13.64*	
		For Low-E Insulated Glass, Add	*28.42*	
		For Obscure Glass, Add	*31.26*	

08 53 13 00-0396 36" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0397	EA	36" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	194.02	46.45
		For Colored Vinyl, Add	*10.19*	
		For Tinted Glass, Add	*12.23*	
		For Low-E Insulated Glass, Add	*25.48*	
		For Obscure Glass, Add	*28.03*	
08 53 13 00-0398	EA	48" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	213.56	51.35
		For Colored Vinyl, Add	*11.17*	
		For Tinted Glass, Add	*13.40*	
		For Low-E Insulated Glass, Add	*27.92*	
		For Obscure Glass, Add	*30.71*	
08 53 13 00-0399	EA	54" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	223.33	53.38
		For Colored Vinyl, Add	*11.66*	
		For Tinted Glass, Add	*13.99*	
		For Low-E Insulated Glass, Add	*29.14*	
		For Obscure Glass, Add	*32.06*	
08 53 13 00-0400	EA	60" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	233.10	55.82
		For Colored Vinyl, Add	*12.15*	
		For Tinted Glass, Add	*14.57*	
		For Low-E Insulated Glass, Add	*30.36*	
		For Obscure Glass, Add	*33.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0401	EA	64" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	239.62	57.05
		For Colored Vinyl, Add	*12.47*	
		For Tinted Glass, Add	*14.97*	
		For Low-E Insulated Glass, Add	*31.18*	
		For Obscure Glass, Add	*34.30*	
08 53 13 00-0402	EA	72" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	252.64	60.72
		For Colored Vinyl, Add	*13.12*	
		For Tinted Glass, Add	*15.75*	
		For Low-E Insulated Glass, Add	*32.80*	
		For Obscure Glass, Add	*36.08*	

08 53 13 00-0403 42" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0404	EA	36" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	205.87	48.90
		For Colored Vinyl, Add	*10.89*	
		For Tinted Glass, Add	*13.07*	
		For Low-E Insulated Glass, Add	*27.22*	
		For Obscure Glass, Add	*29.94*	
08 53 13 00-0405	EA	48" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	226.01	53.79
		For Colored Vinyl, Add	*11.93*	
		For Tinted Glass, Add	*14.31*	
		For Low-E Insulated Glass, Add	*29.81*	
		For Obscure Glass, Add	*32.79*	
08 53 13 00-0406	EA	54" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	236.09	55.82
		For Colored Vinyl, Add	*12.44*	
		For Tinted Glass, Add	*14.93*	
		For Low-E Insulated Glass, Add	*31.11*	
		For Obscure Glass, Add	*34.22*	
08 53 13 00-0407	EA	60" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	246.17	58.27
		For Colored Vinyl, Add	*12.96*	
		For Tinted Glass, Add	*15.56*	
		For Low-E Insulated Glass, Add	*32.41*	
		For Obscure Glass, Add	*35.65*	
08 53 13 00-0408	EA	64" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	252.87	60.30
		For Colored Vinyl, Add	*13.31*	
		For Tinted Glass, Add	*15.97*	
		For Low-E Insulated Glass, Add	*33.27*	
		For Obscure Glass, Add	*36.59*	
08 53 13 00-0409	EA	72" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	266.32	63.16
		For Colored Vinyl, Add	*14.00*	
		For Tinted Glass, Add	*16.80*	
		For Low-E Insulated Glass, Add	*35.00*	
		For Obscure Glass, Add	*38.50*	

08 53 13 00-0410 44" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0411	EA	36" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	209.82	49.71
		For Colored Vinyl, Add	*11.12*	
		For Tinted Glass, Add	*13.35*	
		For Low-E Insulated Glass, Add	*27.80*	
		For Obscure Glass, Add	*30.58*	
08 53 13 00-0412	EA	48" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	230.17	54.61
		For Colored Vinyl, Add	*12.18*	
		For Tinted Glass, Add	*14.61*	
		For Low-E Insulated Glass, Add	*30.45*	
		For Obscure Glass, Add	*33.49*	
08 53 13 00-0413	EA	54" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	240.34	56.64
		For Colored Vinyl, Add	*12.71*	
		For Tinted Glass, Add	*15.25*	
		For Low-E Insulated Glass, Add	*31.77*	
		For Obscure Glass, Add	*34.94*	
08 53 13 00-0414	EA	60" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	250.52	59.09
		For Colored Vinyl, Add	*13.24*	
		For Tinted Glass, Add	*15.88*	
		For Low-E Insulated Glass, Add	*33.09*	
		For Obscure Glass, Add	*36.40*	
08 53 13 00-0415	EA	64" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	257.30	61.12
		For Colored Vinyl, Add	*13.59*	
		For Tinted Glass, Add	*16.30*	
		For Low-E Insulated Glass, Add	*33.97*	
		For Obscure Glass, Add	*37.36*	
08 53 13 00-0416	EA	72" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	270.86	63.98
		For Colored Vinyl, Add	*14.29*	
		For Tinted Glass, Add	*17.15*	
		For Low-E Insulated Glass, Add	*35.73*	
		For Obscure Glass, Add	*39.30*	

08 53 13 00-0417 46" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0418	EA	36" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	213.77	50.53
		For Colored Vinyl, Add	*11.35*	
		For Tinted Glass, Add	*13.62*	
		For Low-E Insulated Glass, Add	*28.38*	
		For Obscure Glass, Add	*31.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0419	EA	48" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	234.31	55.42
		For Colored Vinyl, Add	*12.43*	
		For Tinted Glass, Add	*14.91*	
		For Low-E Insulated Glass, Add	*31.07*	
		For Obscure Glass, Add	*34.18*	
08 53 13 00-0420	EA	54" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	244.59	57.46
		For Colored Vinyl, Add	*12.97*	
		For Tinted Glass, Add	*15.56*	
		For Low-E Insulated Glass, Add	*32.42*	
		For Obscure Glass, Add	*35.66*	
08 53 13 00-0421	EA	60" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	254.85	59.90
		For Colored Vinyl, Add	*13.51*	
		For Tinted Glass, Add	*16.21*	
		For Low-E Insulated Glass, Add	*33.76*	
		For Obscure Glass, Add	*37.14*	
08 53 13 00-0422	EA	64" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	261.71	61.93
		For Colored Vinyl, Add	*13.87*	
		For Tinted Glass, Add	*16.64*	
		For Low-E Insulated Glass, Add	*34.66*	
		For Obscure Glass, Add	*38.13*	
08 53 13 00-0423	EA	72" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	275.42	64.79
		For Colored Vinyl, Add	*14.58*	
		For Tinted Glass, Add	*17.50*	
		For Low-E Insulated Glass, Add	*36.46*	
		For Obscure Glass, Add	*40.10*	

08 53 13 00-0424 48" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0425	EA	36" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	217.73	51.35
		For Colored Vinyl, Add	*11.59*	
		For Tinted Glass, Add	*13.90*	
		For Low-E Insulated Glass, Add	*28.96*	
		For Obscure Glass, Add	*31.86*	
08 53 13 00-0426	EA	48" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	238.47	56.24
		For Colored Vinyl, Add	*12.68*	
		For Tinted Glass, Add	*15.22*	
		For Low-E Insulated Glass, Add	*31.71*	
		For Obscure Glass, Add	*34.88*	
08 53 13 00-0427	EA	54" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	248.85	58.27
		For Colored Vinyl, Add	*13.23*	
		For Tinted Glass, Add	*15.88*	
		For Low-E Insulated Glass, Add	*33.08*	
		For Obscure Glass, Add	*36.39*	
08 53 13 00-0428	EA	60" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	259.21	60.72
		For Colored Vinyl, Add	*13.78*	
		For Tinted Glass, Add	*16.53*	
		For Low-E Insulated Glass, Add	*34.45*	
		For Obscure Glass, Add	*37.89*	
08 53 13 00-0429	EA	64" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	266.13	62.75
		For Colored Vinyl, Add	*14.14*	
		For Tinted Glass, Add	*16.97*	
		For Low-E Insulated Glass, Add	*35.36*	
		For Obscure Glass, Add	*38.90*	
08 53 13 00-0430	EA	72" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	279.97	65.61
		For Colored Vinyl, Add	*14.88*	
		For Tinted Glass, Add	*17.85*	
		For Low-E Insulated Glass, Add	*37.19*	
		For Obscure Glass, Add	*40.91*	

08 53 13 00-0431 50" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0432	EA	36" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	221.68	52.16
		For Colored Vinyl, Add	*11.82*	
		For Tinted Glass, Add	*14.18*	
		For Low-E Insulated Glass, Add	*29.54*	
		For Obscure Glass, Add	*32.50*	
08 53 13 00-0433	EA	48" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	242.62	57.05
		For Colored Vinyl, Add	*12.93*	
		For Tinted Glass, Add	*15.52*	
		For Low-E Insulated Glass, Add	*32.34*	
		For Obscure Glass, Add	*35.57*	
08 53 13 00-0434	EA	54" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	253.09	59.09
		For Colored Vinyl, Add	*13.49*	
		For Tinted Glass, Add	*16.19*	
		For Low-E Insulated Glass, Add	*33.73*	
		For Obscure Glass, Add	*37.10*	
08 53 13 00-0435	EA	60" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	263.56	61.53
		For Colored Vinyl, Add	*14.05*	
		For Tinted Glass, Add	*16.86*	
		For Low-E Insulated Glass, Add	*35.13*	
		For Obscure Glass, Add	*38.64*	
08 53 13 00-0436	EA	64" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	270.56	63.57
		For Colored Vinyl, Add	*14.42*	
		For Tinted Glass, Add	*17.31*	
		For Low-E Insulated Glass, Add	*36.06*	
		For Obscure Glass, Add	*39.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0437	EA	72" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	284.51	66.42
		For Colored Vinyl, Add	*15.17*	
		For Tinted Glass, Add	*18.20*	
		For Low-E Insulated Glass, Add	*37.92*	
		For Obscure Glass, Add	*41.71*	

08 53 13 00-0438 52" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0439	EA	36" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	225.63	52.98
		For Colored Vinyl, Add	*12.05*	
		For Tinted Glass, Add	*14.46*	
		For Low-E Insulated Glass, Add	*30.12*	
		For Obscure Glass, Add	*33.13*	
08 53 13 00-0440	EA	48" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	246.77	57.87
		For Colored Vinyl, Add	*13.19*	
		For Tinted Glass, Add	*15.82*	
		For Low-E Insulated Glass, Add	*32.97*	
		For Obscure Glass, Add	*36.26*	
08 53 13 00-0441	EA	54" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	257.34	59.90
		For Colored Vinyl, Add	*13.75*	
		For Tinted Glass, Add	*16.50*	
		For Low-E Insulated Glass, Add	*34.39*	
		For Obscure Glass, Add	*37.82*	
08 53 13 00-0442	EA	60" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	267.92	62.35
		For Colored Vinyl, Add	*14.32*	
		For Tinted Glass, Add	*17.19*	
		For Low-E Insulated Glass, Add	*35.81*	
		For Obscure Glass, Add	*39.39*	
08 53 13 00-0443	EA	64" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	274.98	64.38
		For Colored Vinyl, Add	*14.70*	
		For Tinted Glass, Add	*17.64*	
		For Low-E Insulated Glass, Add	*36.76*	
		For Obscure Glass, Add	*40.43*	
08 53 13 00-0444	EA	72" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	289.07	67.24
		For Colored Vinyl, Add	*15.46*	
		For Tinted Glass, Add	*18.55*	
		For Low-E Insulated Glass, Add	*38.65*	
		For Obscure Glass, Add	*42.52*	

08 53 13 00-0445 54" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0446	EA	36" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	229.57	53.79
		For Colored Vinyl, Add	*12.28*	
		For Tinted Glass, Add	*14.74*	
		For Low-E Insulated Glass, Add	*30.70*	
		For Obscure Glass, Add	*33.77*	
08 53 13 00-0447	EA	48" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	250.92	58.68
		For Colored Vinyl, Add	*13.44*	
		For Tinted Glass, Add	*16.13*	
		For Low-E Insulated Glass, Add	*33.60*	
		For Obscure Glass, Add	*36.95*	
08 53 13 00-0448	EA	54" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	261.60	60.72
		For Colored Vinyl, Add	*14.02*	
		For Tinted Glass, Add	*16.82*	
		For Low-E Insulated Glass, Add	*35.04*	
		For Obscure Glass, Add	*38.55*	
08 53 13 00-0449	EA	60" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	272.28	63.16
		For Colored Vinyl, Add	*14.60*	
		For Tinted Glass, Add	*17.51*	
		For Low-E Insulated Glass, Add	*36.49*	
		For Obscure Glass, Add	*40.14*	
08 53 13 00-0450	EA	64" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	279.40	65.20
		For Colored Vinyl, Add	*14.98*	
		For Tinted Glass, Add	*17.98*	
		For Low-E Insulated Glass, Add	*37.45*	
		For Obscure Glass, Add	*41.20*	
08 53 13 00-0451	EA	72" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	293.62	68.05
		For Colored Vinyl, Add	*15.75*	
		For Tinted Glass, Add	*18.90*	
		For Low-E Insulated Glass, Add	*39.38*	
		For Obscure Glass, Add	*43.32*	

08 53 13 00-0452 60" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0453	EA	36" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	247.55	56.24
		For Colored Vinyl, Add	*13.59*	
		For Tinted Glass, Add	*16.31*	
		For Low-E Insulated Glass, Add	*33.98*	
		For Obscure Glass, Add	*37.37*	
08 53 13 00-0454	EA	48" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	263.38	61.12
		For Colored Vinyl, Add	*14.20*	
		For Tinted Glass, Add	*17.03*	
		For Low-E Insulated Glass, Add	*35.49*	
		For Obscure Glass, Add	*39.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0455	EA	54" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	274.37	63.16
		For Colored Vinyl, Add	*14.80*	
		For Tinted Glass, Add	*17.76*	
		For Low-E Insulated Glass, Add	*37.01*	
		For Obscure Glass, Add	*40.71*	
08 53 13 00-0456	EA	60" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	285.33	65.61
		For Colored Vinyl, Add	*15.41*	
		For Tinted Glass, Add	*18.49*	
		For Low-E Insulated Glass, Add	*38.53*	
		For Obscure Glass, Add	*42.38*	
08 53 13 00-0457	EA	64" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	292.65	67.64
		For Colored Vinyl, Add	*15.82*	
		For Tinted Glass, Add	*18.98*	
		For Low-E Insulated Glass, Add	*39.55*	
		For Obscure Glass, Add	*43.50*	
08 53 13 00-0458	EA	72" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	307.28	70.50
		For Colored Vinyl, Add	*16.63*	
		For Tinted Glass, Add	*19.95*	
		For Low-E Insulated Glass, Add	*41.57*	
		For Obscure Glass, Add	*45.73*	

08 53 13 00-0459 Replacement, Horizontal Sliding Vinyl Windows (Silver Line 8700) *(08 53 13 00-0380)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0460	EA	Up To 73" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	241.89	42.79
		For Colored Vinyl, Add	*15.63*	
		For Tinted Glass, Add	*18.76*	
		For Low-E Insulated Glass, Add	*39.08*	
		For Obscure Glass, Add	*42.99*	
08 53 13 00-0461	EA	>73" To 83" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	265.72	46.87
		For Colored Vinyl, Add	*17.20*	
		For Tinted Glass, Add	*20.64*	
		For Low-E Insulated Glass, Add	*43.00*	
		For Obscure Glass, Add	*47.30*	
08 53 13 00-0462	EA	>83" To 93" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	288.17	50.93
		For Colored Vinyl, Add	*18.63*	
		For Tinted Glass, Add	*22.35*	
		For Low-E Insulated Glass, Add	*46.57*	
		For Obscure Glass, Add	*51.23*	
08 53 13 00-0463	EA	>93" To 101" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	305.36	55.01
		For Colored Vinyl, Add	*19.53*	
		For Tinted Glass, Add	*23.44*	
		For Low-E Insulated Glass, Add	*48.84*	
		For Obscure Glass, Add	*53.72*	
08 53 13 00-0464	EA	>101" To 110" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	323.32	59.09
		For Colored Vinyl, Add	*20.52*	
		For Tinted Glass, Add	*24.62*	
		For Low-E Insulated Glass, Add	*51.29*	
		For Obscure Glass, Add	*56.42*	
08 53 13 00-0465	EA	>110" To 120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	350.13	63.16
		For Colored Vinyl, Add	*22.38*	
		For Tinted Glass, Add	*26.86*	
		For Low-E Insulated Glass, Add	*55.95*	
		For Obscure Glass, Add	*61.55*	
08 53 13 00-0466	UI	>120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	2.92	0.53
		For Colored Vinyl, Add	*0.19*	
		For Tinted Glass, Add	*0.22*	
		For Low-E Insulated Glass, Add	*0.47*	
		For Obscure Glass, Add	*0.51*	

08 53 13 00-0467 Basement Vinyl Windows *(08 53 13)*

08 53 13 00-0468 New Construction, Basement Vinyl Windows (Silver Line 5900) *(08 53 13 00-0467)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0469	EA	32" x 15", New Construction, Basement Vinyl Window (Silver Line 5900)	148.09	32.60
		For Colored Vinyl, Add	*8.29*	
		For Tinted Glass, Add	*9.95*	
		For Low-E Insulated Glass, Add	*20.72*	
		For Obscure Glass, Add	*22.79*	
08 53 13 00-0470	EA	32" x 20", New Construction, Basement Vinyl Window (Silver Line 5900)	157.76	32.60
		For Colored Vinyl, Add	*9.26*	
		For Tinted Glass, Add	*11.11*	
		For Low-E Insulated Glass, Add	*23.14*	
		For Obscure Glass, Add	*25.45*	
08 53 13 00-0471	EA	32" x 23", New Construction, Basement Vinyl Window (Silver Line 5900)	163.29	32.60
		For Colored Vinyl, Add	*9.81*	
		For Tinted Glass, Add	*11.77*	
		For Low-E Insulated Glass, Add	*24.52*	
		For Obscure Glass, Add	*26.97*	

08 53 13 00-0472 Replacement, Basement Vinyl Windows *(08 53 13 00-0467)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0473	EA	Up To 47" UI, Replacement, Basement Vinyl Window	181.00	31.79
		For Colored Vinyl, Add	*11.74*	
		For Tinted Glass, Add	*14.09*	
		For Low-E Insulated Glass, Add	*29.36*	
		For Obscure Glass, Add	*32.29*	
08 53 13 00-0474	EA	>47" To 55" UI, Replacement, Basement Vinyl Window	202.52	36.67
		For Colored Vinyl, Add	*12.92*	
		For Tinted Glass, Add	*15.50*	
		For Low-E Insulated Glass, Add	*32.29*	
		For Obscure Glass, Add	*35.52*	
08 53 13 00-0475	UI	>55" UI, Replacement, Basement Vinyl Window	3.41	0.53
		For Colored Vinyl, Add	*0.24*	
		For Tinted Glass, Add	*0.28*	
		For Low-E Insulated Glass, Add	*0.59*	
		For Obscure Glass, Add	*0.65*	

08 53 13 00-0476 Accessories For Vinyl Windows *(08 53 13)*

08 53 13 00-0477 Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0476)*

08 53 13 00-0478 Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0477)*

08 53 13 00-0479	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	19.34	
08 53 13 00-0480	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	24.87	
08 53 13 00-0481	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	32.03	
08 53 13 00-0482	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	37.80	
08 53 13 00-0483	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	46.47	

08 53 13 00-0484 Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0477)*

08 53 13 00-0485	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	43.96	
08 53 13 00-0486	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	52.75	
08 53 13 00-0487	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	66.56	
08 53 13 00-0488	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	82.89	
08 53 13 00-0489	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	99.22	

08 53 66 Vinyl Window Screens *(08 53)*

08 53 66 00-0001 Insect Screens For Vinyl Windows *(08 53 66)*

08 53 66 00-0002	EA	Up To 6 SF, Insect Screen For Vinyl Windows	25.82	6.63
08 53 66 00-0003	EA	>6 To 9 SF, Insect Screen For Vinyl Windows	33.35	6.63
08 53 66 00-0004	EA	>9 To 12 SF, Insect Screen For Vinyl Windows	35.87	6.63
08 53 66 00-0005	EA	>12 To 15 SF, Insect Screen For Vinyl Windows	40.89	6.63
08 53 66 00-0006	EA	>15 To 20 SF, Insect Screen For Vinyl Windows	52.19	6.63
08 53 66 00-0007	EA	>20 To 25 SF, Insect Screen For Vinyl Windows	57.22	6.63
08 53 66 00-0008	EA	>25 To 30 SF, Insect Screen For Vinyl Windows	64.75	6.63
08 53 66 00-0009	EA	>30 To 35 SF, Insect Screen For Vinyl Windows	69.78	6.63
08 53 66 00-0010	SF	>35 SF, Insect Screen For Vinyl Windows	2.09	0.13

08 56 Special Function Windows *(08 50)*

08 56 19 Pass Windows *(08 56)*

08 56 19 00-0001 Bullet Resistant Pass Through Service Window, Steel Frame *(08 56 19)*

08 56 19 00-0002	EA	24" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	2,454.75	520.37
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*45.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*295.00*	
08 56 19 00-0003	EA	30" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	2,673.55	563.74
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*60.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*370.00*	
08 56 19 00-0004	EA	36" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	2,824.70	607.11
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*70.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*445.00*	
08 56 19 00-0005	EA	48" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	3,501.44	693.83
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*100.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*650.00*	
08 56 19 00-0006	EA	72" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	4,823.83	1,040.75
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*150.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*975.00*	

08 56 49 Radiation Shielding Windows *(08 56)*

08 56 49 00-0001 Lead Lined Window Frames *(08 56 49)*

08 56 49 00-0002	LF	1/16" Lead Lined, 16 Gauge Telescoping Window Frame	27.58	6.11
08 56 49 00-0003	LF	1/8" Lead Lined, 16 Gauge Telescoping Window Frame	30.81	6.11

08 56 56 Security Window Screens *(08 56)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: All security window screens include frame and mounting hardware. Operable security screens include hinges and related hardware.

08 56 56 00-0001 Wire Mesh Security Screen *(08 56 56)*

08 56 56 00-0002 Wire Mesh, Inoperable, Security Window Screen *(08 56 56 00-0001)*

08 56 56 00-0003	SF	13 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	13.92	3.90
		For Painted Steel, Add	*0.87*	
		For Galvanized Steel, Add	*1.74*	
		For Aluminum, Add	*3.49*	
		For Stainless Steel, Add	*15.26*	
08 56 56 00-0004	SF	11 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	14.17	3.90
		For Painted Steel, Add	*0.90*	
		For Galvanized Steel, Add	*1.79*	
		For Aluminum, Add	*3.59*	
		For Stainless Steel, Add	*15.70*	
08 56 56 00-0005	SF	9 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	15.32	3.90
		For Painted Steel, Add	*1.01*	
		For Galvanized Steel, Add	*2.02*	
		For Aluminum, Add	*4.05*	
		For Stainless Steel, Add	*17.71*	
08 56 56 00-0006	SF	6 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	17.78	3.90
		For Painted Steel, Add	*1.26*	
		For Galvanized Steel, Add	*2.52*	
		For Aluminum, Add	*5.03*	
		For Stainless Steel, Add	*22.02*	

08 56 56 00-0007 Wire Mesh, Operable, Security Window Screen *(08 56 56 00-0001)*

08 56 56 00-0008	SF	13 Gauge, Wire Mesh, Operable, Steel Security Window Screen	19.35	4.77
		For Painted Steel, Add	*1.24*	
		For Galvanized Steel, Add	*2.48*	
		For Aluminum, Add	*4.97*	
		For Stainless Steel, Add	*21.74*	
08 56 56 00-0009	SF	11 Gauge, Wire Mesh, Operable, Steel Security Window Screen	19.73	4.77
		For Painted Steel, Add	*1.28*	
		For Galvanized Steel, Add	*2.56*	
		For Aluminum, Add	*5.12*	
		For Stainless Steel, Add	*22.40*	
08 56 56 00-0010	SF	9 Gauge, Wire Mesh, Operable, Steel Security Window Screen	21.38	4.77
		For Painted Steel, Add	*1.45*	
		For Galvanized Steel, Add	*2.89*	
		For Aluminum, Add	*5.78*	
		For Stainless Steel, Add	*25.29*	
08 56 56 00-0011	SF	6 Gauge, Wire Mesh, Operable, Steel Security Window Screen	24.83	4.77
		For Painted Steel, Add	*1.79*	
		For Galvanized Steel, Add	*3.58*	
		For Aluminum, Add	*7.16*	
		For Stainless Steel, Add	*31.33*	

08 56 56 00-0012 Wire Cloth Security Screen *(08 56 56)*

Note: Wire cloth has from 10 to 12 strands per 1".

08 56 56 00-0013 Wire Cloth, Inoperable, Security Window Screens *(08 56 56 00-0012)*

08 56 56 00-0014	SF	24 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	9.54	2.61
		For Painted Steel, Add	*0.26*	
		For Galvanized Steel, Add	*0.78*	
		For Aluminum, Add	*1.56*	
		For Stainless Steel, Add	*6.50*	
08 56 56 00-0015	SF	22 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	9.89	2.61
		For Painted Steel, Add	*0.28*	
		For Galvanized Steel, Add	*0.83*	
		For Aluminum, Add	*1.67*	
		For Stainless Steel, Add	*6.94*	
08 56 56 00-0016	SF	20 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	10.44	2.61
		For Painted Steel, Add	*0.31*	
		For Galvanized Steel, Add	*0.92*	
		For Aluminum, Add	*1.83*	
		For Stainless Steel, Add	*7.63*	
08 56 56 00-0017	SF	18 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	11.49	2.61
		For Painted Steel, Add	*0.36*	
		For Galvanized Steel, Add	*1.07*	
		For Aluminum, Add	*2.15*	
		For Stainless Steel, Add	*8.94*	

08 56 56 00-0018 Wire Cloth, Operable, Security Window Screens *(08 56 56 00-0012)*

08 56 56 00-0019	SF	24 Gauge, Wire Cloth, Operable, Steel Security Window Screen	12.61	3.47
		For Painted Steel, Add	*0.37*	
		For Galvanized Steel, Add	*1.11*	
		For Aluminum, Add	*2.22*	
		For Stainless Steel, Add	*9.26*	
08 56 56 00-0020	SF	22 Gauge, Wire Cloth, Operable, Steel Security Window Screen	13.15	3.47
		For Painted Steel, Add	*0.40*	
		For Galvanized Steel, Add	*1.19*	
		For Aluminum, Add	*2.39*	
		For Stainless Steel, Add	*9.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0021	SF	20 Gauge, Wire Cloth, Operable, Steel Security Window Screen	13.90	3.47
		For Painted Steel, Add	*0.44*	
		For Galvanized Steel, Add	*1.31*	
		For Aluminum, Add	*2.61*	
		For Stainless Steel, Add	*10.88*	
08 56 56 00-0022	SF	18 Gauge, Wire Cloth, Operable, Steel Security Window Screen	15.40	3.47
		For Painted Steel, Add	*0.51*	
		For Galvanized Steel, Add	*1.53*	
		For Aluminum, Add	*3.06*	
		For Stainless Steel, Add	*12.75*	

08 56 56 00-0023 Expanded Metal Security Screen *(08 56 56)*

Note: Flattened or standard pattern. Dimension given is the short distance across the opening (SWO). The # designation is the pattern number of the expanded metal and is not the gauge.

08 56 56 00-0024 Expanded Metal, Inoperable, Security Screen *(08 56 56 00-0023)*

08 56 56 00-0025	SF	1/4" #18, Thickness 0.04" Expanded Metal, Inoperable, Steel Security Window Screen	17.96	6.50
		For Painted Steel, Add	*0.51*	
		For Galvanized Steel, Add	*1.52*	
		For Aluminum, Add	*3.05*	
		For Stainless Steel, Add	*12.69*	
08 56 56 00-0026	SF	1/2" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	21.14	7.81
		For Painted Steel, Add	*0.58*	
		For Galvanized Steel, Add	*1.74*	
		For Aluminum, Add	*3.48*	
		For Stainless Steel, Add	*14.50*	
08 56 56 00-0027	SF	3/4" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	23.92	9.54
		For Painted Steel, Add	*0.63*	
		For Galvanized Steel, Add	*1.90*	
		For Aluminum, Add	*3.80*	
		For Stainless Steel, Add	*15.81*	
08 56 56 00-0028	SF	3/4" #9, Thickness 0.12" Expanded Metal, Inoperable, Steel Security Window Screen	28.33	11.27
		For Painted Steel, Add	*0.72*	
		For Galvanized Steel, Add	*2.17*	
		For Aluminum, Add	*4.34*	
		For Stainless Steel, Add	*18.06*	
08 56 56 00-0029	SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Inoperable, Steel Security Window Screen	26.41	10.84
		For Painted Steel, Add	*0.67*	
		For Galvanized Steel, Add	*2.01*	
		For Aluminum, Add	*4.02*	
		For Stainless Steel, Add	*16.75*	
08 56 56 00-0030	SF	3 LB/SF Expanded Metal, Inoperable, Steel Security Window Screen	33.33	13.88
		For Painted Steel, Add	*0.84*	
		For Galvanized Steel, Add	*2.53*	
		For Aluminum, Add	*5.06*	
		For Stainless Steel, Add	*21.06*	

08 56 56 00-0031 Expanded Metal, Operable, Security Screen *(08 56 56 00-0023)*

08 56 56 00-0032	SF	1/4" #18, Thickness 0.04" Expanded Metal, Operable, Steel Security Window Screen	23.99	7.81
		For Painted Steel, Add	*0.72*	
		For Galvanized Steel, Add	*2.17*	
		For Aluminum, Add	*4.34*	
		For Stainless Steel, Add	*18.06*	
08 56 56 00-0033	SF	1/2" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen	27.82	9.54
		For Painted Steel, Add	*0.83*	
		For Galvanized Steel, Add	*2.48*	
		For Aluminum, Add	*4.97*	
		For Stainless Steel, Add	*20.69*	
08 56 56 00-0034	SF	3/4" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen	31.06	10.84
		For Painted Steel, Add	*0.90*	
		For Galvanized Steel, Add	*2.71*	
		For Aluminum, Add	*5.42*	
		For Stainless Steel, Add	*22.56*	
08 56 56 00-0035	SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Operable, Steel Security Window Screen	33.84	12.14
		For Painted Steel, Add	*0.96*	
		For Galvanized Steel, Add	*2.87*	
		For Aluminum, Add	*5.73*	
		For Stainless Steel, Add	*23.88*	
08 56 56 00-0036	SF	3/4" #9, Thickness 0.12" Expanded Metal, Operable, Steel Security Window Screen	37.07	13.88
		For Painted Steel, Add	*1.03*	
		For Galvanized Steel, Add	*3.09*	
		For Aluminum, Add	*6.18*	
		For Stainless Steel, Add	*25.74*	
08 56 56 00-0037	SF	3 LB/SF Expanded Metal, Operable, Steel Security Window Screen	42.22	15.18
		For Painted Steel, Add	*1.20*	
		For Galvanized Steel, Add	*3.60*	
		For Aluminum, Add	*7.20*	
		For Stainless Steel, Add	*30.00*	

08 56 56 00-0038 Perforated Metal Security Screen *(08 56 56)*

08 56 56 00-0039 Perforated Metal, Inoperable, Steel Security Window Screen *(08 56 56 00-0038)*

08 56 56 00-0040	SF	22 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	15.30	3.90
		For Painted Steel, Add	*0.51*	
		For Galvanized Steel, Add	*1.52*	
		For Aluminum, Add	*3.03*	
		For Stainless Steel, Add	*10.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0041	SF	20 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	15.70	3.90
		For Painted Steel, Add	*0.53*	
		For Galvanized Steel, Add	*1.58*	
		For Aluminum, Add	*3.15*	
		For Stainless Steel, Add	*10.50*	
08 56 56 00-0042	SF	18 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	17.05	3.90
		For Painted Steel, Add	*0.59*	
		For Galvanized Steel, Add	*1.78*	
		For Aluminum, Add	*3.56*	
		For Stainless Steel, Add	*11.85*	
08 56 56 00-0043	SF	16 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	19.60	3.90
		For Painted Steel, Add	*0.72*	
		For Galvanized Steel, Add	*2.16*	
		For Aluminum, Add	*4.32*	
		For Stainless Steel, Add	*14.40*	

08 56 56 00-0044 Perforated Metal, Operable, Steel Security Window Screen *(08 56 56 00-0038)*

08 56 56 00-0045	SF	22 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	21.28	4.77
		For Painted Steel, Add	*0.72*	
		For Galvanized Steel, Add	*2.15*	
		For Aluminum, Add	*4.31*	
		For Stainless Steel, Add	*14.35*	
08 56 56 00-0046	SF	20 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	21.98	4.77
		For Painted Steel, Add	*0.75*	
		For Galvanized Steel, Add	*2.26*	
		For Aluminum, Add	*4.52*	
		For Stainless Steel, Add	*15.05*	
08 56 56 00-0047	SF	18 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	23.73	4.77
		For Painted Steel, Add	*0.84*	
		For Galvanized Steel, Add	*2.52*	
		For Aluminum, Add	*5.04*	
		For Stainless Steel, Add	*16.80*	
08 56 56 00-0048	SF	16 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	27.38	4.77
		For Painted Steel, Add	*1.02*	
		For Galvanized Steel, Add	*3.07*	
		For Aluminum, Add	*6.14*	
		For Stainless Steel, Add	*20.45*	

08 56 56 00-0049 Remove And Reinstall Security Screens And Guards *(08 56 56)*

08 56 56 00-0050	SF	Remove And Reinstall Security Screens	10.90	

08 60 Roof Windows And Skylights *(08)*

Note: Includes hardware, caulk, sealant and necessary anchors.

08 63 Metal-Framed Skylights *(08 60)*

08 63 00 00-0001 Aluminum Framed Skylights *(08 63)*

08 63 00 00-0002 Fixed Dome, Aluminum Framed Skylights *(08 63 00 00-0001)*

08 63 00 00-0003 Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 00 00-0002)*

08 63 00 00-0004 Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 00 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 00 00-0005	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	278.17	77.59
08 63 00 00-0006	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	313.17	77.59
08 63 00 00-0007	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	415.57	87.28
08 63 00 00-0008	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	468.96	96.98
08 63 00 00-0009	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	331.17	77.59
08 63 00 00-0010	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	402.57	87.28
08 63 00 00-0011	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	424.57	87.28
08 63 00 00-0012	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	486.96	96.98
08 63 00 00-0013	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	564.36	106.68
08 63 00 00-0014	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	406.57	87.28
08 63 00 00-0015	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	449.96	96.98
08 63 00 00-0016	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	491.96	96.98
08 63 00 00-0017	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	541.36	106.68
08 63 00 00-0018	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	598.76	116.38
08 63 00 00-0019	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	671.15	126.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0020	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	479.96	96.98
08 63 00 00-0021	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	528.36	106.68
08 63 00 00-0022	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	599.76	116.38
08 63 00 00-0023	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	625.76	116.38
08 63 00 00-0024	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	718.15	126.08

08 63 00 00-0025 Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 00 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 00 00-0026	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	328.17	77.59
08 63 00 00-0027	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	362.17	77.59
08 63 00 00-0028	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	454.57	87.28
08 63 00 00-0029	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	508.96	96.98
08 63 00 00-0030	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	367.17	77.59
08 63 00 00-0031	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	430.57	87.28
08 63 00 00-0032	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	454.57	87.28
08 63 00 00-0033	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	520.96	96.98
08 63 00 00-0034	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	584.36	106.68
08 63 00 00-0035	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	434.57	87.28
08 63 00 00-0036	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	481.96	96.98
08 63 00 00-0037	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	508.96	96.98
08 63 00 00-0038	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	560.36	106.68
08 63 00 00-0039	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	608.76	116.38
08 63 00 00-0040	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	682.15	126.08
08 63 00 00-0041	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	512.96	96.98
08 63 00 00-0042	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	564.36	106.68
08 63 00 00-0043	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	620.76	116.38
08 63 00 00-0044	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	648.76	116.38
08 63 00 00-0045	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	733.15	126.08

08 63 00 00-0046 High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 00 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 00 00-0047	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	332.17	77.59
08 63 00 00-0048	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	370.17	77.59
08 63 00 00-0049	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	465.57	87.28
08 63 00 00-0050	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	377.17	77.59
08 63 00 00-0051	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	444.57	87.28
08 63 00 00-0052	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	465.57	87.28
08 63 00 00-0053	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	532.96	96.98
08 63 00 00-0054	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	443.57	87.28
08 63 00 00-0055	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	489.96	96.98
08 63 00 00-0056	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	521.96	96.98
08 63 00 00-0057	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	573.36	106.68
08 63 00 00-0058	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	624.76	116.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0059	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	524.96	96.98
08 63 00 00-0060	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	580.36	106.68
08 63 00 00-0061	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	636.76	116.38
08 63 00 00-0062	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	664.76	116.38

08 63 00 00-0063 FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 00 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 00 00-0064	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	339.17	77.59
08 63 00 00-0065	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	381.17	77.59
08 63 00 00-0066	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	475.57	87.28
08 63 00 00-0067	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	544.96	96.98
08 63 00 00-0068	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	387.17	77.59
08 63 00 00-0069	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	453.57	87.28
08 63 00 00-0070	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	475.57	87.28
08 63 00 00-0071	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	547.96	96.98
08 63 00 00-0072	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	454.57	87.28
08 63 00 00-0073	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	500.96	96.98
08 63 00 00-0074	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	535.96	96.98
08 63 00 00-0075	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	588.36	106.68
08 63 00 00-0076	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	640.76	116.38
08 63 00 00-0077	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	539.96	96.98
08 63 00 00-0078	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	595.36	106.68
08 63 00 00-0079	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	652.76	116.38
08 63 00 00-0080	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	682.76	116.38

08 63 00 00-0081 Curb Top Inserts *(08 63 00 00-0003)*

Note: For use with industrial style fixed dome skylights for better u-value and solar heat gain coefficient/shading coefficient (SHGC/SC) properties. Includes mill finish aluminum frame and acrylic or polycarbonate glazing. Excludes roof curb.

08 63 00 00-0082 Single Glazed, Aluminum Framed Curb Top Inserts *(08 63 00 00-0081)*

08 63 00 00-0083	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	113.59	38.79
08 63 00 00-0084	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	152.28	43.64
08 63 00 00-0085	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	248.38	58.19
08 63 00 00-0086	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	229.68	53.34
08 63 00 00-0087	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	276.38	58.19

08 63 00 00-0088 Double Glazed, Aluminum Framed Curb Top Inserts *(08 63 00 00-0081)*

08 63 00 00-0089	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	154.59	38.79
08 63 00 00-0090	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	231.28	43.64
08 63 00 00-0091	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	391.38	58.19
08 63 00 00-0092	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	381.68	53.34
08 63 00 00-0093	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	474.38	58.19

08 63 00 00-0094 Triple Glazed, Aluminum Framed Curb Top Inserts *(08 63 00 00-0081)*

08 63 00 00-0095	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	194.59	38.79
08 63 00 00-0096	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	306.28	43.64
08 63 00 00-0097	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	567.38	58.19
08 63 00 00-0098	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	523.68	53.34
08 63 00 00-0099	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	658.38	58.19

08 63 00 00-0100 Pyramid Style Fixed Dome, Aluminum Framed Skylights *(08 63 00 00-0002)*

08 63 00 00-0101 Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight *(08 63 00 00-0100)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 00 00-0102	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	260.17	77.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0103	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	303.17	77.59
08 63 00 00-0104	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	378.57	87.28
08 63 00 00-0105	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	468.96	96.98

08 63 00 00-0106 Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight *(08 63 00 00-0100)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 00 00-0107	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	338.17	77.59
08 63 00 00-0108	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	383.17	77.59
08 63 00 00-0109	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	451.57	87.28
08 63 00 00-0110	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	535.96	96.98

08 63 00 00-0111 Double Hip Style Fixed Dome, Aluminum Framed Skylights *(08 63 00 00-0002)*

08 63 00 00-0112 Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 00 00-0111)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 00 00-0113	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	297.17	77.59
08 63 00 00-0114	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	385.57	87.28
08 63 00 00-0115	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	452.96	96.98
08 63 00 00-0116	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	364.57	87.28
08 63 00 00-0117	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	385.57	87.28
08 63 00 00-0118	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	464.96	96.98
08 63 00 00-0119	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	543.36	106.68
08 63 00 00-0120	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	422.96	96.98
08 63 00 00-0121	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	452.96	96.98
08 63 00 00-0122	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	505.36	106.68
08 63 00 00-0123	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	554.76	116.38
08 63 00 00-0124	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	649.15	126.08
08 63 00 00-0125	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	517.36	106.68
08 63 00 00-0126	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	584.76	116.38
08 63 00 00-0127	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	615.76	116.38
08 63 00 00-0128	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	707.15	126.08

08 63 00 00-0129 Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 00 00-0111)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 00 00-0130	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	331.17	77.59
08 63 00 00-0131	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	367.17	77.59
08 63 00 00-0132	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	459.57	87.28
08 63 00 00-0133	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	374.17	77.59
08 63 00 00-0134	EA	39-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	419.57	87.28
08 63 00 00-0135	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	438.57	87.28
08 63 00 00-0136	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	459.57	87.28
08 63 00 00-0137	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	527.96	96.98
08 63 00 00-0138	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	439.57	87.28
08 63 00 00-0139	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	485.96	96.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0140	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	515.96	96.98
08 63 00 00-0141	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	566.36	106.68
08 63 00 00-0142	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	616.76	116.38
08 63 00 00-0143	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	517.96	96.98
08 63 00 00-0144	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	573.36	106.68
08 63 00 00-0145	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	628.76	116.38
08 63 00 00-0146	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	655.76	116.38

08 63 00 00-0147 Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 00 00-0111)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 00 00-0148	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	364.17	77.59
08 63 00 00-0149	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	472.57	87.28
08 63 00 00-0150	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	449.57	87.28
08 63 00 00-0151	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	472.57	87.28
08 63 00 00-0152	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	543.96	96.98
08 63 00 00-0153	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	497.96	96.98
08 63 00 00-0154	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	530.96	96.98
08 63 00 00-0155	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	584.36	106.68
08 63 00 00-0156	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	632.76	116.38
08 63 00 00-0157	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	591.36	106.68
08 63 00 00-0158	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	648.76	116.38
08 63 00 00-0159	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	677.76	116.38

08 63 00 00-0160 Smoke Vent Dome, Aluminum Framed Skylights *(08 63 00 00-0001)*

08 63 00 00-0161 Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 00 00-0160)*

Note: UL listed or FM approved. Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, curb seal tape, weather sweep, fasteners, fusible link with a minimum temperature rating of 165 degrees, gas shocks and exterior manual release cable for testing.

08 63 00 00-0162 Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 00 00-0161)*

08 63 00 00-0163 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 00 00-0162)*

08 63 00 00-0164	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,400.76	116.38
08 63 00 00-0165	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,309.76	116.38
08 63 00 00-0166	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,467.76	116.38

08 63 00 00-0167 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 00 00-0162)*

08 63 00 00-0168	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,799.76	116.38
08 63 00 00-0169	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,712.76	116.38
08 63 00 00-0170	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,890.76	116.38

08 63 00 00-0171 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 00 00-0162)*

08 63 00 00-0172	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,914.76	116.38
08 63 00 00-0173	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,825.76	116.38
08 63 00 00-0174	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,003.76	116.38

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0175		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 00 00-0161)*		
08 63 00 00-0176		10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 00 00-0175)*		
08 63 00 00-0177	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,406.76	116.38
08 63 00 00-0178	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,315.76	116.38
08 63 00 00-0179	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,476.76	116.38
08 63 00 00-0180		25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 00 00-0175)*		
08 63 00 00-0181	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,807.76	116.38
08 63 00 00-0182	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,718.76	116.38
08 63 00 00-0183	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,900.76	116.38
08 63 00 00-0184		30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 00 00-0175)*		
08 63 00 00-0185	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,920.76	116.38
08 63 00 00-0186	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,831.76	116.38
08 63 00 00-0187	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,013.76	116.38
08 63 00 00-0188		Aluminum Framed Solar Tube Skylights *(08 63 00 00-0001)* Note: Includes knock down curb with safety security guard, class 1 hail rated double glazed skylight, light shaft top trim, reflective light well, T-bar ceiling frame, acrylic diffuser lens and lens clip.		
08 63 00 00-0189		31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 63 00 00-0188)*		
08 63 00 00-0190	EA	2' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	741.34	155.17
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*491.03*	
08 63 00 00-0191	EA	3' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	779.10	159.05
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*491.81*	
08 63 00 00-0192	EA	4' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	815.86	162.92
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*492.59*	
08 63 00 00-0193	EA	5' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	866.61	166.81
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*493.36*	
08 63 00 00-0194	EA	6' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	911.37	170.69
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*494.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0195	EA	7' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	948.14	174.57
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*494.91*	
08 63 00 00-0196	EA	8' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	984.89	178.45
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*495.69*	
08 63 00 00-0197	EA	9' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,043.65	182.32
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*496.47*	
08 63 00 00-0198	EA	10' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,080.40	186.20
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*497.24*	
08 63 00 00-0199	EA	11' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,118.17	190.08
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*498.02*	
08 63 00 00-0200	EA	12' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,154.93	193.96
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*498.79*	
08 63 00 00-0201	EA	13' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,213.68	197.85
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*499.57*	
08 63 00 00-0202	EA	14' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,250.44	201.72
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*500.34*	
08 63 00 00-0203	EA	15' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,287.20	205.60
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*501.12*	
08 63 00 00-0204	EA	16' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,323.96	209.48
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*501.90*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0205		31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 63 00 00-0188)*		
08 63 00 00-0206	EA	2' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	876.34	155.17
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*491.03*	
08 63 00 00-0207	EA	3' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	927.10	159.05
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*491.81*	
08 63 00 00-0208	EA	4' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	977.86	162.92
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*492.59*	
08 63 00 00-0209	EA	5' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,028.61	166.81
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*493.36*	
08 63 00 00-0210	EA	6' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,109.37	170.69
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*494.14*	
08 63 00 00-0211	EA	7' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,160.14	174.57
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*494.91*	
08 63 00 00-0212	EA	8' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,210.89	178.45
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*495.69*	
08 63 00 00-0213	EA	9' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,291.65	182.32
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*496.47*	
08 63 00 00-0214	EA	10' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,342.40	186.20
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*497.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0215	EA	11' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,393.17	190.08
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*498.02*	
08 63 00 00-0216	EA	12' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,443.93	193.96
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*498.79*	
08 63 00 00-0217	EA	13' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,524.68	197.85
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*499.57*	
08 63 00 00-0218	EA	14' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,575.44	201.72
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*500.34*	
08 63 00 00-0219	EA	15' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,626.20	205.60
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*501.12*	
08 63 00 00-0220	EA	16' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,676.96	209.48
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*501.90*	

08 63 00 00-0221 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 63 00 00-0188)*

08 63 00 00-0222	EA	2' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,148.14	174.57
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*494.91*	
08 63 00 00-0223	EA	3' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,217.89	178.45
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*495.69*	
08 63 00 00-0224	EA	4' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,288.65	182.32
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*496.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0225	EA	5' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,358.40	186.20
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*497.24*	
08 63 00 00-0226	EA	6' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,468.17	190.08
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*498.02*	
08 63 00 00-0227	EA	7' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,537.93	193.96
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*498.79*	
08 63 00 00-0228	EA	8' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,607.68	197.85
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*499.57*	
08 63 00 00-0229	EA	9' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,718.44	201.72
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*500.34*	
08 63 00 00-0230	EA	10' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,788.20	205.60
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*501.12*	
08 63 00 00-0231	EA	11' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,857.96	209.48
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*501.90*	
08 63 00 00-0232	EA	12' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,927.72	213.36
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*502.67*	
08 63 00 00-0233	EA	13' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,037.47	217.24
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*503.45*	
08 63 00 00-0234	EA	14' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,107.24	221.11
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*504.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0235	EA	15' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,177.99	224.99
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*505.00*	
08 63 00 00-0236	EA	16' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,247.75	228.88
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*505.78*	

08 65 Wood-Framed Skylights *(08 60)*

08 65 00 00-0001 Wood-Framed Skylights (Andersen 400 Series) *(08 65)*

08 65 00 00-0002	EA	16-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	369.74	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*41.50*	
		For Aluminum Shingle Flashing, Add	*33.20*	
08 65 00 00-0003	EA	16-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	376.51	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*43.19*	
		For Aluminum Shingle Flashing, Add	*34.55*	
08 65 00 00-0004	EA	24-1/2" x 27", Domed, Wood-Framed Skylight (Andersen 400 Series)	360.42	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*39.17*	
		For Aluminum Shingle Flashing, Add	*31.34*	
08 65 00 00-0005	EA	24-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	381.59	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*44.46*	
		For Aluminum Shingle Flashing, Add	*35.57*	
08 65 00 00-0006	EA	24-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	399.38	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*48.91*	
		For Aluminum Shingle Flashing, Add	*39.13*	
08 65 00 00-0007	EA	24-1/2" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series)	428.18	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*56.11*	
		For Aluminum Shingle Flashing, Add	*44.89*	
08 65 00 00-0008	EA	24-1/2" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series)	464.59	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*65.21*	
		For Aluminum Shingle Flashing, Add	*52.17*	
08 65 00 00-0009	EA	27" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	360.42	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*39.17*	
		For Aluminum Shingle Flashing, Add	*31.34*	
08 65 00 00-0010	EA	28" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	403.61	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*49.97*	
		For Aluminum Shingle Flashing, Add	*39.97*	
08 65 00 00-0011	EA	28" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	428.18	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*56.11*	
		For Aluminum Shingle Flashing, Add	*44.89*	
08 65 00 00-0012	EA	28" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series)	456.12	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*63.10*	
		For Aluminum Shingle Flashing, Add	*50.48*	
08 65 00 00-0013	EA	28" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series)	493.39	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*72.41*	
		For Aluminum Shingle Flashing, Add	*57.93*	
08 65 00 00-0014	EA	38" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	369.74	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*41.50*	
		For Aluminum Shingle Flashing, Add	*33.20*	
08 65 00 00-0015	EA	38" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	381.59	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*44.46*	
		For Aluminum Shingle Flashing, Add	*35.57*	
08 65 00 00-0016	EA	38" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	403.61	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*49.97*	
		For Aluminum Shingle Flashing, Add	*39.97*	
08 65 00 00-0017	EA	44" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	481.53	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*69.45*	
		For Aluminum Shingle Flashing, Add	*55.56*	
08 65 00 00-0018	EA	46" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	376.51	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*43.19*	
		For Aluminum Shingle Flashing, Add	*34.55*	
08 65 00 00-0019	EA	46" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	399.38	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*48.91*	
		For Aluminum Shingle Flashing, Add	*39.13*	
08 65 00 00-0020	EA	46" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	428.18	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*56.11*	
		For Aluminum Shingle Flashing, Add	*44.89*	
08 65 00 00-0021	EA	46" x 44", Domed, Wood-Framed Skylight (Andersen 400 Series)	481.53	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*69.45*	
		For Aluminum Shingle Flashing, Add	*55.56*	
08 65 00 00-0022	EA	57" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	428.18	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*56.11*	
		For Aluminum Shingle Flashing, Add	*44.89*	
08 65 00 00-0023	EA	57" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	456.12	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*63.10*	
		For Aluminum Shingle Flashing, Add	*50.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 65 00 00-0024	EA	72" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	464.59	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*65.21*	
		For Aluminum Shingle Flashing, Add	*52.17*	
08 65 00 00-0025	EA	72" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	493.39	101.88
		For Tempered Laminated Low-E Insulated Glass, Add	*72.41*	
		For Aluminum Shingle Flashing, Add	*57.93*	

08 70 Hardware *(08)*

08 71 Door Hardware *(08 70)*

08 71 16 Door Hardware *(08 71)*

Note: All hardware is Yale ANSI/BHMA Grade 1 unless otherwise noted.

08 71 16 00-0001 Hinges *(08 71 16)*

Note: Unit of measure "PR" indicates that two (2) sets of hinges (top and bottom) are priced. For doors with three (3) sets of hinges (top, middle and bottom), use 1.5 pairs.

08 71 16 00-0002 Brass/Bronze, Satin Chrome Finish Hinges *(08 71 16 00-0001)*

Note: US26D (BHMA 626) satin chrome finish.

08 71 16 00-0003 Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 16 00-0002)*

Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.

08 71 16 00-0004	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	58.06	5.71
		For Clear Coated Bright Brass, Add	*3.91*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0005	PR	4" x 4" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	63.64	8.15
		For Clear Coated Bright Brass, Add	*4.35*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0006	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	72.53	8.97
		For Clear Coated Bright Brass, Add	*3.63*	
		For Pair Of Non-Removable Pins, Add	*6.00*	

08 71 16 00-0007 Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 16 00-0002)*

Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.

08 71 16 00-0008	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	66.53	5.71
		For Clear Coated Bright Brass, Add	*5.01*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0009	PR	4" x 4" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	76.53	8.15
		For Clear Coated Bright Brass, Add	*5.01*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0010	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	78.18	8.97
		For Clear Coated Bright Brass, Add	*4.43*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0011	PR	5" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	91.33	10.60
		For Clear Coated Bright Brass, Add	*5.18*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0012	PR	5" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	91.89	10.60
		For Clear Coated Bright Brass, Add	*5.26*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0013	PR	6" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	98.33	13.61
		For Clear Coated Bright Brass, Add	*6.16*	
		For Pair Of Non-Removable Pins, Add	*6.00*	

08 71 16 00-0014 Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 16 00-0002)*

Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.

08 71 16 00-0015	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	75.16	5.71
08 71 16 00-0016	PR	4" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	85.15	8.15
08 71 16 00-0017	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	87.56	8.97
08 71 16 00-0018	PR	5" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	101.67	10.60

08 71 16 00-0019 Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 16 00-0002)*

Note: Surface mounted to the face of the door and mortised into the rabbet edge of the frame.

08 71 16 00-0020	PR	4-1/2" x 4-1/2" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	147.43	8.97
		For Clear Coated Bright Brass, Add	*14.12*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0021	PR	5" x 4" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	166.27	10.60
		For Clear Coated Bright Brass, Add	*15.67*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0022	PR	5" x 5" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	92.44	10.60
		For Clear Coated Bright Brass, Add	*5.34*	
		For Pair Of Non-Removable Pins, Add	*6.00*	

08 71 16 00-0023 Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 16 00-0002)*

Note: Mortised into the edge of the door and surface applied to the face of the frame.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0024	PR	4-1/2" x 4-1/2" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	134.53	8.97
		For Clear Coated Bright Brass, Add	*12.31*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0025	PR	5" x 4" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	158.73	10.60
		For Clear Coated Bright Brass, Add	*14.62*	
		For Pair Of Non-Removable Pins, Add	*6.00*	

08 71 16 00-0026 Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze Satin Chrome Finish Hinge *(08 71 16 00-0002)*

Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.

08 71 16 00-0027	PR	4-1/2" x 4-1/2" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	96.51	8.97
		For Clear Coated Bright Brass, Add	*6.99*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0028	PR	5" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	111.59	13.61
		For Clear Coated Bright Brass, Add	*8.02*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0029	PR	6" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	151.35	13.61
		For Clear Coated Bright Brass, Add	*13.58*	
		For Pair Of Non-Removable Pins, Add	*6.00*	

08 71 16 00-0030 Mortised, Wrought Steel Hinges *(08 71 16 00-0001)*

Note: Clear coated, US 26D satin chrome finish (BHMA 652).

08 71 16 00-0031 Full Mortise, Plain Bearing, Wrought Steel Hinges *(08 71 16 00-0030)*

Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.

08 71 16 00-0032	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	36.67	5.71
		For Primed For Paint Finish, Deduct	*-1.18*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*0.74*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-0.71*	
		For Stainless Steel, Add	*3.26*	
		For Heavy Duty, Add	*0.89*	
		For Extra Heavy Duty, Add	*2.37*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0033	PR	4" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	47.28	8.15
		For Primed For Paint Finish, Deduct	*-1.31*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*0.82*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-0.78*	
		For Stainless Steel, Add	*3.59*	
		For Heavy Duty, Add	*0.98*	
		For Extra Heavy Duty, Add	*2.61*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0034	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	54.53	8.97
		For Primed For Paint Finish, Deduct	*-1.59*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*1.00*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-0.96*	
		For Stainless Steel, Add	*4.38*	
		For Heavy Duty, Add	*1.19*	
		For Extra Heavy Duty, Add	*3.18*	
		For Pair Of Non-Removable Pins, Add	*6.00*	

08 71 16 00-0035 Full Mortise, Ball Bearing, Wrought Steel Hinges *(08 71 16 00-0030)*

Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.

08 71 16 00-0036	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	52.32	5.71
		For Primed For Paint Finish, Deduct	*-4.31*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*2.70*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-2.59*	
		For Stainless Steel, Add	*11.86*	
		For Heavy Duty, Add	*3.24*	
		For Extra Heavy Duty, Add	*8.63*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0037	PR	4" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	65.17	8.15
		For Primed For Paint Finish, Deduct	*-4.88*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*3.05*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-2.93*	
		For Stainless Steel, Add	*13.43*	
		For Heavy Duty, Add	*3.66*	
		For Extra Heavy Duty, Add	*9.77*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0038	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	72.90	8.97
		For Primed For Paint Finish, Deduct	*-5.27*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*3.29*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-3.16*	
		For Stainless Steel, Add	*14.48*	
		For Heavy Duty, Add	*3.95*	
		For Extra Heavy Duty, Add	*10.53*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0039	PR	5" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	90.04	10.60
		For Primed For Paint Finish, Deduct	*-7.14*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*4.46*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-4.29*	
		For Stainless Steel, Add	*19.64*	
		For Heavy Duty, Add	*5.36*	
		For Extra Heavy Duty, Add	*14.28*	
		For Pair Of Non-Removable Pins, Add	*6.00*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0040	PR	5" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	95.08	10.60
		For Primed For Paint Finish, Deduct	*-8.15*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*5.09*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-4.89*	
		For Stainless Steel, Add	*22.41*	
		For Heavy Duty, Add	*6.11*	
		For Extra Heavy Duty, Add	*16.30*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0041	PR	6" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	110.44	10.60
		For Primed For Paint Finish, Deduct	*-11.22*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*7.01*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-6.73*	
		For Stainless Steel, Add	*30.86*	
		For Heavy Duty, Add	*8.42*	
		For Extra Heavy Duty, Add	*22.44*	
		For Pair Of Non-Removable Pins, Add	*6.00*	

08 71 16 00-0042 Half Surface, Plain Bearing, Wrought Steel Hinges *(08 71 16 00-0030)*

Note: Surface mounted to the face of the door and mortised into the rabbet edge of the frame.

08 71 16 00-0043	PR	3-1/2" x 3-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	61.36	5.71
		For Primed For Paint Finish, Deduct	*-6.12*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*3.83*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-3.67*	
		For Stainless Steel, Add	*16.84*	
		For Heavy Duty, Add	*4.59*	
		For Extra Heavy Duty, Add	*12.24*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0044	PR	4" x 4", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	75.44	8.15
		For Primed For Paint Finish, Deduct	*-6.94*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*4.34*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-4.16*	
		For Stainless Steel, Add	*19.08*	
		For Heavy Duty, Add	*5.20*	
		For Extra Heavy Duty, Add	*13.88*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0045	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	85.34	8.97
		For Primed For Paint Finish, Deduct	*-7.75*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*4.85*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-4.65*	
		For Stainless Steel, Add	*21.32*	
		For Heavy Duty, Add	*5.82*	
		For Extra Heavy Duty, Add	*15.51*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0046	PR	5" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	97.18	10.60
		For Primed For Paint Finish, Deduct	*-8.57*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*5.36*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-5.14*	
		For Stainless Steel, Add	*23.57*	
		For Heavy Duty, Add	*6.43*	
		For Extra Heavy Duty, Add	*17.14*	
		For Pair Of Non-Removable Pins, Add	*6.00*	

08 71 16 00-0047 Half Surface, Ball Bearing, Wrought Steel Hinges *(08 71 16 00-0030)*

Note: Surface mounted to the face of the door and mortised into the rabbet edge of the frame.

08 71 16 00-0048	PR	4" x 4", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	84.62	8.97
		For Primed For Paint Finish, Deduct	*-8.77*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*5.48*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-5.26*	
		For Stainless Steel, Add	*24.13*	
		For Heavy Duty, Add	*6.58*	
		For Extra Heavy Duty, Add	*17.55*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0049	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	95.11	8.97
		For Primed For Paint Finish, Deduct	*-9.71*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*6.07*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-5.82*	
		For Stainless Steel, Add	*26.70*	
		For Heavy Duty, Add	*7.28*	
		For Extra Heavy Duty, Add	*19.42*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0050	PR	5" x 5", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	110.44	10.60
		For Primed For Paint Finish, Deduct	*-11.22*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*7.01*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-6.73*	
		For Stainless Steel, Add	*30.86*	
		For Heavy Duty, Add	*8.42*	
		For Extra Heavy Duty, Add	*22.44*	
		For Pair Of Non-Removable Pins, Add	*6.00*	

08 71 16 00-0051 Slide-In, Full Mortise, Ball Bearing, Wrought Steel Hinges *(08 71 16 00-0030)*

Note: Both leaves slide into a cavity prepared in the door and door frame.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0052	PR	4-1/2" x 4-1/2", Standard Duty, Slide In, Full Mortise, Ball Bearing, Wrought Steel Hinge	73.76	8.97
		For Primed For Paint Finish, Deduct	*-5.44*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*3.40*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-3.26*	
		For Stainless Steel, Add	*14.95*	
		For Heavy Duty, Add	*4.08*	
		For Extra Heavy Duty, Add	*10.88*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0053		**Blank Butt Hinges** *(08 71 16 00-0030)*		
08 71 16 00-0054	PR	3.5" x 3.5" To 5" x 5", Blank Butt With Screws, Steel Hinge	18.03	3.66
		For Primed For Paint Finish, Deduct	*-0.69*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*0.43*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-0.42*	
		For Stainless Steel, Add	*1.90*	
		For Heavy Duty, Add	*0.52*	
		For Extra Heavy Duty, Add	*1.38*	
		For Pair Of Non-Removable Pins, Add	*6.00*	
08 71 16 00-0055		**Full Mortise, Single Acting Spring, Wrought Steel Hinges** *(08 71 16 00-0030)*		
		Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08 71 16 00-0056	PR	3-1/2" x 3-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge	56.72	5.71
		For Primed For Paint Finish, Deduct	*-5.19*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*3.25*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-3.12*	
		For Stainless Steel, Add	*14.28*	
08 71 16 00-0057	PR	4" x 4", Full Mortise, Single Acting Spring, Wrought Steel Hinge	74.72	8.15
		For Primed For Paint Finish, Deduct	*-6.79*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*4.25*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-4.08*	
		For Stainless Steel, Add	*18.68*	
08 71 16 00-0058	PR	4-1/2" x 4-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge	96.54	8.97
		For Primed For Paint Finish, Deduct	*-9.99*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*6.25*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-6.00*	
		For Stainless Steel, Add	*27.48*	
08 71 16 00-0059		**Offset And Pivot Hinges** *(08 71 16 00-0001)*		
		Note: Satin chrome plated, US26D.		
08 71 16 00-0060		**Offset Swing Clear Hinges** *(08 71 16 00-0059)*		
		Note: For use on 1-3/8" and 1-3/4" doors. Allows doors to swing completely clear of the openings.		
08 71 16 00-0061	EA	4-1/2", Swing Clear, Offset Hinges	80.29	2.55
		For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	*13.32*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*21.46*	
08 71 16 00-0062		**Offset Pivot Hinges** *(08 71 16 00-0059)*		
08 71 16 00-0063		**3/4" Offset Pivot Hinges** *(08 71 16 00-0062)*		
08 71 16 00-0064		**3/4" Offset Pivot Hinges** *(08 71 16 00-0063)*		
08 71 16 00-0065		**Top Mount, 3/4" Offset Pivot Hinges** *(08 71 16 00-0064)*		
08 71 16 00-0066		**200 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges** *(08 71 16 00-0065)*		
08 71 16 00-0067	EA	Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	74.91	8.15
08 71 16 00-0068	EA	Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	98.89	8.15
08 71 16 00-0069	EA	Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	112.22	8.15
08 71 16 00-0070	EA	Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	112.22	8.15
08 71 16 00-0071	EA	Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	112.22	8.15
08 71 16 00-0072	EA	Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	112.22	8.15
08 71 16 00-0073	EA	Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	112.22	8.15
08 71 16 00-0074	EA	Painted Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	81.84	8.15
08 71 16 00-0075	EA	Satin Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	102.63	8.15
08 71 16 00-0076	EA	Bright Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	116.48	8.15
08 71 16 00-0077	EA	Satin Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	116.48	8.15
08 71 16 00-0078	EA	Satin Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	116.48	8.15
08 71 16 00-0079	EA	Dark Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	116.48	8.15
08 71 16 00-0080	EA	Bright Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	116.48	8.15
08 71 16 00-0081	EA	Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	74.91	8.15
08 71 16 00-0082	EA	Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	98.89	8.15
08 71 16 00-0083	EA	Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	112.22	8.15
08 71 16 00-0084	EA	Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	112.22	8.15
08 71 16 00-0085	EA	Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	112.22	8.15
08 71 16 00-0086	EA	Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	112.22	8.15
08 71 16 00-0087	EA	Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	112.22	8.15
08 71 16 00-0088		**500 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges** *(08 71 16 00-0065)*		
08 71 16 00-0089	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	78.98	10.19
08 71 16 00-0090	EA	Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	102.96	10.19
08 71 16 00-0091	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	116.29	10.19
08 71 16 00-0092	EA	Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	116.29	10.19
08 71 16 00-0093	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	116.29	10.19
08 71 16 00-0094	EA	Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	116.29	10.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0095	EA	Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	116.29	10.19
08 71 16 00-0096		600 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 16 00-0065)*		
08 71 16 00-0097	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	78.98	10.19
08 71 16 00-0098	EA	Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	102.96	10.19
08 71 16 00-0099	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	116.29	10.19
08 71 16 00-0100	EA	Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	116.29	10.19
08 71 16 00-0101	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	116.29	10.19
08 71 16 00-0102	EA	Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	116.29	10.19
08 71 16 00-0103	EA	Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	116.29	10.19
08 71 16 00-0104		700 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 16 00-0065)*		
08 71 16 00-0105	EA	Painted Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	78.98	10.19
08 71 16 00-0106	EA	Satin Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	102.96	10.19
08 71 16 00-0107	EA	Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	116.29	10.19
08 71 16 00-0108	EA	Satin Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	116.29	10.19
08 71 16 00-0109	EA	Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	116.29	10.19
08 71 16 00-0110	EA	Dark Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	116.29	10.19
08 71 16 00-0111	EA	Bright Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	116.29	10.19
08 71 16 00-0112		Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 16 00-0064)*		
08 71 16 00-0113		200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 16 00-0112)*		
08 71 16 00-0114	EA	Painted Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	91.96	8.15
08 71 16 00-0115	EA	Satin Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	112.22	8.15
08 71 16 00-0116	EA	Bright Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	126.60	8.15
08 71 16 00-0117	EA	Satin Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	126.60	8.15
08 71 16 00-0118	EA	Satin Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	126.60	8.15
08 71 16 00-0119	EA	Dark Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	126.60	8.15
08 71 16 00-0120	EA	Bright Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	126.60	8.15
08 71 16 00-0121		500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 16 00-0112)*		
08 71 16 00-0122	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	102.96	10.19
08 71 16 00-0123	EA	Satin Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	109.36	10.19
08 71 16 00-0124	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	120.55	10.19
08 71 16 00-0125	EA	Satin Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	120.55	10.19
08 71 16 00-0126	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	120.55	10.19
08 71 16 00-0127	EA	Dark Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	120.55	10.19
08 71 16 00-0128	EA	Bright Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	120.55	10.19
08 71 16 00-0129		600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 16 00-0112)*		
08 71 16 00-0130	EA	Painted Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	102.96	10.19
08 71 16 00-0131	EA	Satin Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	109.36	10.19
08 71 16 00-0132	EA	Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	120.55	10.19
08 71 16 00-0133	EA	Satin Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	120.55	10.19
08 71 16 00-0134	EA	Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	120.55	10.19
08 71 16 00-0135	EA	Dark Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	120.55	10.19
08 71 16 00-0136	EA	Bright Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	120.55	10.19
08 71 16 00-0137		700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 16 00-0112)*		
08 71 16 00-0138	EA	Painted Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	102.96	10.19
08 71 16 00-0139	EA	Satin Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	109.36	10.19
08 71 16 00-0140	EA	Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	120.55	10.19
08 71 16 00-0141	EA	Satin Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	120.55	10.19
08 71 16 00-0142	EA	Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	120.55	10.19
08 71 16 00-0143	EA	Dark Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	120.55	10.19
08 71 16 00-0144	EA	Bright Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	120.55	10.19
08 71 16 00-0145		Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 16 00-0064)*		
08 71 16 00-0146		200 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 16 00-0145)*		
08 71 16 00-0147	EA	Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	81.84	8.15
08 71 16 00-0148	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	102.63	8.15
08 71 16 00-0149	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	116.48	8.15
08 71 16 00-0150	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	116.48	8.15
08 71 16 00-0151	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	116.48	8.15
08 71 16 00-0152	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	116.48	8.15
08 71 16 00-0153	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	116.48	8.15
08 71 16 00-0154	EA	Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	81.84	8.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0155	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	102.63	8.15
08 71 16 00-0156	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	116.48	8.15
08 71 16 00-0157	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	116.48	8.15
08 71 16 00-0158	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	116.48	8.15
08 71 16 00-0159	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	116.48	8.15
08 71 16 00-0160	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	116.48	8.15
08 71 16 00-0161	EA	Painted Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	71.72	8.15
08 71 16 00-0162	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	95.70	8.15
08 71 16 00-0163	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	109.55	8.15
08 71 16 00-0164	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	109.55	8.15
08 71 16 00-0165	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	109.55	8.15
08 71 16 00-0166	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	109.55	8.15
08 71 16 00-0167	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	109.55	8.15
08 71 16 00-0168		500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 16 00-0145)*		
08 71 16 00-0169	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	123.22	10.19
08 71 16 00-0170	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	130.67	10.19
08 71 16 00-0171	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	130.67	10.19
08 71 16 00-0172	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	130.67	10.19
08 71 16 00-0173	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	130.67	10.19
08 71 16 00-0174	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	130.67	10.19
08 71 16 00-0175	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	132.80	10.19
08 71 16 00-0176		600 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 16 00-0145)*		
08 71 16 00-0177	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	106.70	10.19
08 71 16 00-0178	EA	Satin Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	116.29	10.19
08 71 16 00-0179	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	123.22	10.19
08 71 16 00-0180	EA	Satin Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	123.22	10.19
08 71 16 00-0181	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	123.22	10.19
08 71 16 00-0182	EA	Dark Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	123.22	10.19
08 71 16 00-0183	EA	Bright Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	123.22	10.19
08 71 16 00-0184		700 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 16 00-0145)*		
08 71 16 00-0185	EA	Painted Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	236.71	10.19
08 71 16 00-0186	EA	Satin Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	253.76	10.19
08 71 16 00-0187	EA	Bright Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	280.95	10.19
08 71 16 00-0188	EA	Satin Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	280.95	10.19
08 71 16 00-0189	EA	Satin Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	280.95	10.19
08 71 16 00-0190	EA	Dark Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	280.95	10.19
08 71 16 00-0191	EA	Bright Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	280.95	10.19
08 71 16 00-0192		Fire Rated, 3/4" Offset Pivot Hinges *(08 71 16 00-0063)*		
08 71 16 00-0193		Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 16 00-0192)*		
08 71 16 00-0194		500 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 16 00-0193)*		
08 71 16 00-0195	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	143.47	10.19
08 71 16 00-0196	EA	Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	168.50	10.19
08 71 16 00-0197	EA	Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	188.76	10.19
08 71 16 00-0198	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	188.76	10.19
08 71 16 00-0199	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	188.76	10.19
08 71 16 00-0200		600 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 16 00-0193)*		
08 71 16 00-0201	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	143.47	10.19
08 71 16 00-0202	EA	Satin Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	168.50	10.19
08 71 16 00-0203	EA	Bright Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	188.76	10.19
08 71 16 00-0204	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	188.76	10.19
08 71 16 00-0205	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	188.76	10.19
08 71 16 00-0206		700 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 16 00-0193)*		
08 71 16 00-0207	EA	Painted Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	143.47	10.19
08 71 16 00-0208	EA	Satin Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	168.50	10.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0209	EA	Bright Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	188.76	10.19
08 71 16 00-0210	EA	Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	188.76	10.19
08 71 16 00-0211	EA	Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	188.76	10.19
08 71 16 00-0212		1,000 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 16 00-0193)*		
08 71 16 00-0213	EA	Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	151.80	12.22
08 71 16 00-0214	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	172.58	12.22
08 71 16 00-0215	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	182.18	12.22
08 71 16 00-0216	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	182.18	12.22
08 71 16 00-0217	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	182.18	12.22
08 71 16 00-0218		1,750 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 16 00-0193)*		
08 71 16 00-0219	EA	Painted Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	151.80	12.22
08 71 16 00-0220	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	172.58	12.22
08 71 16 00-0221	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	182.18	12.22
08 71 16 00-0222	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	182.18	12.22
08 71 16 00-0223	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	182.18	12.22
08 71 16 00-0224		Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 16 00-0192)*		
08 71 16 00-0225		500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 16 00-0224)*		
08 71 16 00-0226	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	147.72	10.19
08 71 16 00-0227	EA	Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	171.17	10.19
08 71 16 00-0228	EA	Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	178.10	10.19
08 71 16 00-0229	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	178.10	10.19
08 71 16 00-0230	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	178.10	10.19
08 71 16 00-0231		600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 16 00-0224)*		
08 71 16 00-0232	EA	Painted Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	147.72	10.19
08 71 16 00-0233	EA	Satin Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	171.17	10.19
08 71 16 00-0234	EA	Bright Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	178.10	10.19
08 71 16 00-0235	EA	Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	178.10	10.19
08 71 16 00-0236	EA	Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	178.10	10.19
08 71 16 00-0237		700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 16 00-0224)*		
08 71 16 00-0238	EA	Painted Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	147.72	10.19
08 71 16 00-0239	EA	Satin Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	171.17	10.19
08 71 16 00-0240	EA	Bright Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	178.10	10.19
08 71 16 00-0241	EA	Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	178.10	10.19
08 71 16 00-0242	EA	Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	178.10	10.19
08 71 16 00-0243		1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 16 00-0224)*		
08 71 16 00-0244	EA	Painted Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	165.66	12.22

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 71 16 00-0245	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	189.64	12.22
	08 71 16 00-0246	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	196.03	12.22
	08 71 16 00-0247	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	196.03	12.22
	08 71 16 00-0248	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	196.03	12.22
	08 71 16 00-0249		1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 16 00-0224)*		
	08 71 16 00-0250	EA	Painted Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	165.66	12.22
	08 71 16 00-0251	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	189.64	12.22
	08 71 16 00-0252	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	196.03	12.22
	08 71 16 00-0253	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	196.03	12.22
	08 71 16 00-0254	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	196.03	12.22
	08 71 16 00-0255		Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 16 00-0192)*		
	08 71 16 00-0256		500 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 16 00-0255)*		
	08 71 16 00-0257	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	164.25	10.19
	08 71 16 00-0258	EA	Satin Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	202.08	10.19
	08 71 16 00-0259	EA	Bright Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	216.47	10.19
	08 71 16 00-0260	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	216.47	10.19
	08 71 16 00-0261	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	216.47	10.19
	08 71 16 00-0262		600 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 16 00-0255)*		
	08 71 16 00-0263	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	161.58	10.19
	08 71 16 00-0264	EA	Satin Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	171.17	10.19
	08 71 16 00-0265	EA	Bright Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	195.69	10.19
	08 71 16 00-0266	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	195.69	10.19
	08 71 16 00-0267	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	195.69	10.19
	08 71 16 00-0268		1,000 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 16 00-0255)*		
	08 71 16 00-0269	EA	Painted Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	185.91	12.22
	08 71 16 00-0270	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	206.16	12.22
	08 71 16 00-0271	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	213.62	12.22
	08 71 16 00-0272	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	213.62	12.22
	08 71 16 00-0273	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	213.62	12.22
	08 71 16 00-0274		1,750 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 16 00-0255)*		
	08 71 16 00-0275	EA	Painted Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	261.05	12.22
	08 71 16 00-0276	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	278.10	12.22
	08 71 16 00-0277	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	285.03	12.22
	08 71 16 00-0278	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	285.03	12.22
	08 71 16 00-0279	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	285.03	12.22
	08 71 16 00-0280		1-1/2" Offset Pivot Hinges *(08 71 16 00-0062)*		
	08 71 16 00-0281		Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 16 00-0280)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0282		Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 16 00-0281)*		
08 71 16 00-0283		400 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 16 00-0282)*		
08 71 16 00-0284	EA	Painted Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	168.50	10.19
08 71 16 00-0285	EA	Satin Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	181.83	10.19
08 71 16 00-0286	EA	Bright Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	191.95	10.19
08 71 16 00-0287	EA	Bright Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	191.95	10.19
08 71 16 00-0288	EA	Satin Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	191.95	10.19
08 71 16 00-0289		500 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 16 00-0282)*		
08 71 16 00-0290	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	168.50	10.19
08 71 16 00-0291	EA	Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	181.83	10.19
08 71 16 00-0292	EA	Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	191.95	10.19
08 71 16 00-0293	EA	Bright Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	191.95	10.19
08 71 16 00-0294	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	191.95	10.19
08 71 16 00-0295		Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 16 00-0281)*		
08 71 16 00-0296		400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 16 00-0295)*		
08 71 16 00-0297	EA	Painted Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	174.90	10.19
08 71 16 00-0298	EA	Satin Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	195.69	10.19
08 71 16 00-0299	EA	Bright Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	205.81	10.19
08 71 16 00-0300	EA	Bright Brass Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	205.81	10.19
08 71 16 00-0301	EA	Satin Bronze Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	205.81	10.19
08 71 16 00-0302		500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 16 00-0295)*		
08 71 16 00-0303	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	174.90	10.19
08 71 16 00-0304	EA	Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	195.69	10.19
08 71 16 00-0305	EA	Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	205.81	10.19
08 71 16 00-0306	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	205.81	10.19
08 71 16 00-0307	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	205.81	10.19
08 71 16 00-0308		Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 16 00-0281)*		
08 71 16 00-0309		400 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 16 00-0308)*		
08 71 16 00-0310	EA	Painted Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	171.17	10.19
08 71 16 00-0311	EA	Satin Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	195.69	10.19
08 71 16 00-0312	EA	Bright Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	205.81	10.19
08 71 16 00-0313	EA	Bright Brass Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	205.81	10.19
08 71 16 00-0314	EA	Satin Bronze Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	205.81	10.19
08 71 16 00-0315		500 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 16 00-0308)*		
08 71 16 00-0316	EA	Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	274.02	10.19
08 71 16 00-0317	EA	Satin Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	301.73	10.19
08 71 16 00-0318	EA	Bright Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	308.66	10.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0319	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	308.66	10.19
08 71 16 00-0320	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	308.66	10.19
08 71 16 00-0321		Center Hung Pivot Hinges *(08 71 16 00-0059)*		
08 71 16 00-0322		Top Mount, Center Hung Pivot Hinges *(08 71 16 00-0321)*		
08 71 16 00-0323		300 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 16 00-0322)*		
08 71 16 00-0324	EA	Painted Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	88.77	8.15
08 71 16 00-0325	EA	Satin Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	95.70	8.15
08 71 16 00-0326	EA	Bright Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	95.70	8.15
08 71 16 00-0327	EA	Satin Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	95.70	8.15
08 71 16 00-0328	EA	Satin Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	95.70	8.15
08 71 16 00-0329	EA	Dark Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	95.70	8.15
08 71 16 00-0330	EA	Bright Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	95.70	8.15
08 71 16 00-0331		500 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 16 00-0322)*		
08 71 16 00-0332	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	92.84	10.19
08 71 16 00-0333	EA	Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	99.77	10.19
08 71 16 00-0334	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	99.77	10.19
08 71 16 00-0335	EA	Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	99.77	10.19
08 71 16 00-0336	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	99.77	10.19
08 71 16 00-0337	EA	Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	99.77	10.19
08 71 16 00-0338	EA	Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	99.77	10.19
08 71 16 00-0339		600 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 16 00-0322)*		
08 71 16 00-0340	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	92.84	10.19
08 71 16 00-0341	EA	Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	99.77	10.19
08 71 16 00-0342	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	99.77	10.19
08 71 16 00-0343	EA	Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	99.77	10.19
08 71 16 00-0344	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	99.77	10.19
08 71 16 00-0345	EA	Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	99.77	10.19
08 71 16 00-0346	EA	Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	99.77	10.19
08 71 16 00-0347		1,000 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 16 00-0322)*		
08 71 16 00-0348	EA	Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	144.87	12.22
08 71 16 00-0349	EA	Satin Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	168.33	12.22
08 71 16 00-0350	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	192.84	12.22
08 71 16 00-0351	EA	Satin Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	192.84	12.22
08 71 16 00-0352	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	192.84	12.22
08 71 16 00-0353	EA	Dark Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	192.84	12.22
08 71 16 00-0354	EA	Bright Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	192.84	12.22
08 71 16 00-0355		Bottom Mount, Center Hung Pivot Hinges *(08 71 16 00-0321)*		
08 71 16 00-0356		300 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 16 00-0355)*		
08 71 16 00-0357	EA	Painted Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	68.52	8.15
08 71 16 00-0358	EA	Satin Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	78.65	8.15
08 71 16 00-0359	EA	Bright Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	88.77	8.15
08 71 16 00-0360	EA	Satin Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	88.77	8.15
08 71 16 00-0361	EA	Satin Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	88.77	8.15
08 71 16 00-0362	EA	Dark Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	88.77	8.15
08 71 16 00-0363	EA	Bright Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	88.77	8.15
08 71 16 00-0364		500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 16 00-0355)*		
08 71 16 00-0365	EA	Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	99.77	10.19
08 71 16 00-0366	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	102.96	10.19
08 71 16 00-0367	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	102.96	10.19
08 71 16 00-0368	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	102.96	10.19
08 71 16 00-0369	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	102.96	10.19
08 71 16 00-0370	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	102.96	10.19
08 71 16 00-0371	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	102.96	10.19
08 71 16 00-0372	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	99.77	10.19
08 71 16 00-0373	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	102.96	10.19
08 71 16 00-0374	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	102.96	10.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0375	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	102.96	10.19
08 71 16 00-0376	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	102.96	10.19
08 71 16 00-0377	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	102.96	10.19
08 71 16 00-0378	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	102.96	10.19
08 71 16 00-0379		600 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 16 00-0355)*		
08 71 16 00-0380	EA	Painted Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	195.69	10.19
08 71 16 00-0381	EA	Satin Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	205.81	10.19
08 71 16 00-0382	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	216.47	10.19
08 71 16 00-0383	EA	Satin Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	216.47	10.19
08 71 16 00-0384	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	216.47	10.19
08 71 16 00-0385	EA	Dark Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	216.47	10.19
08 71 16 00-0386	EA	Bright Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	216.47	10.19
08 71 16 00-0387		1,000 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 16 00-0355)*		
08 71 16 00-0388	EA	Painted Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	356.96	12.22
08 71 16 00-0389	EA	Satin Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	367.09	12.22
08 71 16 00-0390	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	380.95	12.22
08 71 16 00-0391	EA	Satin Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	380.95	12.22
08 71 16 00-0392	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	380.95	12.22
08 71 16 00-0393	EA	Dark Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	380.95	12.22
08 71 16 00-0394	EA	Bright Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	380.95	12.22
08 71 16 00-0395		Continuous Steel Hinges *(08 71 16 00-0001)*		
08 71 16 00-0396	LF	1-1/2" Wide, Continuous Steel Hinge	16.79	3.26
		For Stainless Steel, Add	*2.06*	
		For Brass Or Nickel, Add	*2.25*	
		For Aluminum, Add	*0.74*	
		For Medium Gauge, Deduct	*-0.75*	
08 71 16 00-0397	LF	2" Wide, Continuous Steel Hinge	17.05	3.26
		For Stainless Steel, Add	*2.20*	
		For Brass Or Nickel, Add	*2.40*	
		For Aluminum, Add	*0.78*	
		For Medium Gauge, Deduct	*-0.80*	
08 71 16 00-0398	LF	2-1/2" Wide, Continuous Steel Hinge	17.55	3.26
		For Stainless Steel, Add	*2.48*	
		For Brass Or Nickel, Add	*2.70*	
		For Aluminum, Add	*0.88*	
		For Medium Gauge, Deduct	*-0.90*	
08 71 16 00-0399	LF	3" Wide, Continuous Steel Hinge	18.12	3.26
		For Stainless Steel, Add	*2.79*	
		For Brass Or Nickel, Add	*3.04*	
		For Aluminum, Add	*0.99*	
		For Medium Gauge, Deduct	*-1.01*	
08 71 16 00-0400	LF	Half Surface, Standard Duty, Roton Continuous Geared Hinge	33.59	3.26
		For Bronze Finish, Add	*7.70*	
		For Heavy Duty, Add	*5.49*	
08 71 16 00-0401	LF	Full Surface, Standard Duty, Roton Continuous Geared Hinge	35.99	3.26
		For Bronze Finish, Add	*8.60*	
		For Heavy Duty, Add	*6.13*	
08 71 16 00-0402	LF	Concealed, Standard Duty, Roton Continuous Geared Hinge	27.00	3.26
		For Bronze Finish, Add	*5.23*	
		For Heavy Duty, Add	*3.73*	
08 71 16 00-0403		Mortised, Primed Steel, Double Acting Spring Hinges *(08 71 16 00-0001)*		
08 71 16 00-0404	PR	2", Mortised, Primed Steel, Double Acting Spring Hinge	75.28	5.71
		For Satin Brass, Add	*11.22*	
08 71 16 00-0405	PR	3", Mortised, Primed Steel, Double Acting Spring Hinge	83.44	7.34
		For Satin Brass, Add	*11.22*	
08 71 16 00-0406	PR	4", Mortised, Primed Steel, Double Acting Spring Hinge	94.14	8.97
		For Satin Brass, Add	*11.84*	
08 71 16 00-0407	PR	5", Mortised, Primed Steel, Double Acting Spring Hinge	121.21	10.60
		For Satin Brass, Add	*16.38*	
08 71 16 00-0408	PR	6", Mortised, Primed Steel, Double Acting Spring Hinge	136.26	12.22
		For Satin Brass, Add	*18.03*	
08 71 16 00-0409	PR	7", Mortised, Primed Steel, Double Acting Spring Hinge	162.35	13.85
		For Satin Brass, Add	*22.34*	
08 71 16 00-0410	PR	8", Mortised, Primed Steel, Double Acting Spring Hinge	214.34	38.71
		For Satin Brass, Add	*32.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0411		**Security Hinges** *(08 71 16 00-0001)*		
08 71 16 00-0412	EA	4-1/2" x 4-1/2", Non Removable Pin, Full Mortise, Ball Bearing, Steel Security Hinge	28.87	5.71
08 71 16 00-0413		**Concealed Circuit Electric Hinge Option** *(08 71 16 00-0001)* Note: Excludes the hinge. These tasks are used in conjunction with other hinges in the Construction Task Catalog® to electrify the hinge.		
08 71 16 00-0414	EA	4 Wire Concealed Circuit Electric Hinge Option	147.18	
08 71 16 00-0415	EA	6 Wire Concealed Circuit Electric Hinge Option	173.77	
08 71 16 00-0416	EA	8 Wire Concealed Circuit Electric Hinge Option	200.37	
08 71 16 00-0417		**Hinge Filler Plates For Door Frames** *(08 71 16 00-0001)*		
08 71 16 00-0418	PR	Hinge Filler Plates For Door Frames	12.90	4.08
08 71 16 00-0419		**Door Trim** *(08 71 16)*		
08 71 16 00-0420		**Floor Stops, Wall Stops And Bumpers** *(08 71 16 00-0419)*		
08 71 16 00-0421		**Floor Stops** *(08 71 16 00-0420)*		
08 71 16 00-0422		**Aluminum Floor Stops** *(08 71 16 00-0421)*		
08 71 16 00-0423	EA	1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430)	21.72	10.19
08 71 16 00-0424	EA	1" Overall Height, 3/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS436)	23.07	10.19
08 71 16 00-0425	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS438)	23.58	10.19
08 71 16 00-0426	EA	2-1/8" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS441)	31.39	10.19
08 71 16 00-0427	EA	3" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS444/448)	32.33	10.19
08 71 16 00-0428		**Brass Floor Stops** *(08 71 16 00-0421)*		
08 71 16 00-0429	EA	1" Overall Height, 3/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS436)	23.26	10.19
08 71 16 00-0430	EA	1" Overall Height, 3/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS436)	23.77	10.19
08 71 16 00-0431	EA	1" Overall Height, 3/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS436)	23.77	10.19
08 71 16 00-0432	EA	1" Overall Height, 3/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS436)	23.97	10.19
08 71 16 00-0433	EA	1" Overall Height, 3/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS436)	24.23	10.19
08 71 16 00-0434	EA	1" Overall Height, 3/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS436)	24.23	10.19
08 71 16 00-0435	EA	1" Overall Height, 3/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS436)	24.23	10.19
08 71 16 00-0436	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS438)	23.58	10.19
08 71 16 00-0437	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS438)	24.36	10.19
08 71 16 00-0438	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS438)	24.36	10.19
08 71 16 00-0439	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS438)	24.66	10.19
08 71 16 00-0440	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS438)	24.93	10.19
08 71 16 00-0441	EA	1-3/8" Overall Height, 9/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS438)	24.93	10.19
08 71 16 00-0442	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS438)	26.16	10.19
08 71 16 00-0443	EA	1" Overall Height, 5/32" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS13)	24.41	10.19
08 71 16 00-0444	EA	1" Overall Height, 5/32" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS13)	24.41	10.19
08 71 16 00-0445	EA	1" Overall Height, 5/32" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS13)	25.26	10.19
08 71 16 00-0446	EA	1" Overall Height, 5/32" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS13)	25.26	10.19
08 71 16 00-0447	EA	1" Overall Height, 5/32" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS13)	25.26	10.19
08 71 16 00-0448	EA	1" Overall Height, 5/32" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS13)	25.26	10.19
08 71 16 00-0449	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS17)	25.00	10.19
08 71 16 00-0450	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS17)	25.00	10.19
08 71 16 00-0451	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS17)	25.83	10.19
08 71 16 00-0452	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS17)	25.83	10.19
08 71 16 00-0453	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS17)	25.83	10.19
08 71 16 00-0454	EA	1-11/32" Overall Height, 1/2" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS17)	25.83	10.19
08 71 16 00-0455	EA	2-1/8" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS441)	32.15	10.19
08 71 16 00-0456	EA	2-1/8" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS441)	32.52	10.19
08 71 16 00-0457	EA	2-1/8" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS441)	33.41	10.19
08 71 16 00-0458	EA	2-1/8" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS441)	34.14	10.19
08 71 16 00-0459	EA	2-1/8" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS441)	34.14	10.19
08 71 16 00-0460	EA	2-1/8" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS441)	37.09	10.19
08 71 16 00-0461	EA	2-1/8" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS441)	37.09	10.19
08 71 16 00-0462	EA	3" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS444/448)	35.99	10.19
08 71 16 00-0463	EA	3" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS444/448)	36.52	10.19
08 71 16 00-0464	EA	3" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS444/448)	36.52	10.19
08 71 16 00-0465	EA	3" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS444/448)	36.52	10.19
08 71 16 00-0466	EA	3" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS444/448)	36.52	10.19
08 71 16 00-0467	EA	3" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS444/448)	40.56	10.19
08 71 16 00-0468	EA	3" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS444/448)	40.56	10.19
08 71 16 00-0469	EA	1-5/16" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS430)	27.75	10.19
08 71 16 00-0470	EA	1-5/16" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS430)	28.42	10.19
08 71 16 00-0471	EA	1-5/16" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS430)	29.95	10.19
08 71 16 00-0472	EA	1-5/16" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS430)	29.95	10.19
08 71 16 00-0473	EA	1-5/16" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS430)	29.95	10.19
08 71 16 00-0474	EA	1-5/16" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS430)	30.40	10.19
08 71 16 00-0475		**Steel Floor Stops** *(08 71 16 00-0421)*		
08 71 16 00-0476	EA	2-5/8" Overall Height, Zinc Plated Finish, Wrought Steel Floor Stop (Ives FS434)	25.13	10.19
08 71 16 00-0477	EA	1-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18S) Note: Includes drilling. Excludes Grout.	50.14	10.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0478	EA	3-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18L) Note: Includes drilling. Excludes Grout.	52.27	10.19
08 71 16 00-0479		**Wall Stops** *(08 71 16 00-0420)*		
08 71 16 00-0480		**Aluminum Wall Stops** *(08 71 16 00-0479)*		
08 71 16 00-0481	EA	3-3/4" Projection, Residential Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives 60)	10.01	4.08
08 71 16 00-0482	EA	3-3/4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives WS65)	14.74	6.11
08 71 16 00-0483		**Brass Wall Stops** *(08 71 16 00-0479)*		
08 71 16 00-0484	EA	3-3/4" Projection, Residential Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives 60)	14.59	4.08
08 71 16 00-0485	EA	3-3/4" Projection, Residential Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives 60)	14.59	4.08
08 71 16 00-0486	EA	3-3/4" Projection, Residential Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives 60)	14.59	4.08
08 71 16 00-0487	EA	3-3/4" Projection, Residential Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives 60)	16.58	4.08
08 71 16 00-0488	EA	3-3/4" Projection, Residential Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives 60)	16.77	4.08
08 71 16 00-0489	EA	3-3/4" Projection, Residential Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives 60)	16.77	4.08
08 71 16 00-0490	EA	3-3/4" Projection, Residential Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives 60)	16.77	4.08
08 71 16 00-0491	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS11)	36.01	6.11
08 71 16 00-0492	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS11)	36.72	6.11
08 71 16 00-0493	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS11)	36.72	6.11
08 71 16 00-0494	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS11)	36.72	6.11
08 71 16 00-0495	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS11)	36.72	6.11
08 71 16 00-0496	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS11)	36.72	6.11
08 71 16 00-0497	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS443/447)	31.06	6.11
08 71 16 00-0498	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS443/447)	34.86	6.11
08 71 16 00-0499	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS443/447)	34.86	6.11
08 71 16 00-0500	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS443/447)	34.86	6.11
08 71 16 00-0501	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS443/447)	34.86	6.11
08 71 16 00-0502	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS443/447)	35.76	6.11
08 71 16 00-0503	EA	3-3/4" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives WS443/447)	35.76	6.11
08 71 16 00-0504	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS33)	54.54	6.11
08 71 16 00-0505		**Steel Wall Stops** *(08 71 16 00-0479)*		
08 71 16 00-0506	EA	3" Projection, Residential Spring Type, Bright Brass Finish, Steel Wall Stop (Ives 63)	8.54	4.08
08 71 16 00-0507		**Hinge Pin Door Stops** *(08 71 16 00-0420)*		
08 71 16 00-0508		**Aluminum Hinge Pin Door Stops** *(08 71 16 00-0507)*		
08 71 16 00-0509	EA	Satin Aluminum Finish, Aluminum Hinge Pin Door Stop (Ives 70)	17.46	8.15
08 71 16 00-0510		**Brass Hinge Pin Door Stops** *(08 71 16 00-0507)*		
08 71 16 00-0511	EA	Satin Brass Finish, Brass Residential Hinge Pin Door Stop (Ives 72)	17.68	8.15
08 71 16 00-0512	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 73)	19.06	8.15
08 71 16 00-0513	EA	Satin Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	22.40	8.15
08 71 16 00-0514	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	22.40	8.15
08 71 16 00-0515	EA	Bright Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	22.40	8.15
08 71 16 00-0516	EA	Bright Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	23.96	8.15
08 71 16 00-0517	EA	Satin Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	23.96	8.15
08 71 16 00-0518	EA	Dark Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	23.96	8.15
08 71 16 00-0519	EA	Satin Nickel Finish, Brass Hinge Pin Door Stop (Ives 70)	23.96	8.15
08 71 16 00-0520		**Wall Bumpers** *(08 71 16 00-0420)*		
08 71 16 00-0521		**Brass Wall Bumpers** *(08 71 16 00-0520)*		
08 71 16 00-0522	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	22.55	10.19
08 71 16 00-0523	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	22.55	10.19
08 71 16 00-0524	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	22.55	10.19
08 71 16 00-0525	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	22.74	10.19
08 71 16 00-0526	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	22.74	10.19
08 71 16 00-0527	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	22.74	10.19
08 71 16 00-0528	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Wrought Brass Wall Bumper (Ives WS406/407)	22.74	10.19
08 71 16 00-0529	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	29.17	10.19
08 71 16 00-0530	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	30.91	10.19
08 71 16 00-0531	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	30.91	10.19
08 71 16 00-0532	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	30.91	10.19
08 71 16 00-0533	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	30.91	10.19
08 71 16 00-0534	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	30.91	10.19

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08 71 16 00-0535	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Cast Brass Wall Bumper (Ives WS401/402)	31.30	10.19
08 71 16 00-0536		**Rubber Wall Bumpers** *(08 71 16 00-0520)*		
08 71 16 00-0537	EA	1-7/8" Base Diameter, Adhesive-Backed, Concave Rubber Wall Bumper (Ives WS411R-W)	21.86	10.19
08 71 16 00-0538		**Holders** *(08 71 16 00-0419)*		
08 71 16 00-0539		**Plunger Type Door Holders** *(08 71 16 00-0538)*		
08 71 16 00-0540		**Aluminum Plunger Type Door Holders** *(08 71 16 00-0539)*		
08 71 16 00-0541	EA	Satin Aluminum Finish, Aluminum Plunger Type Door Holder (Ives FS1153)	37.75	6.11
08 71 16 00-0542		**Brass Plunger Type Door Holders** *(08 71 16 00-0539)*		
08 71 16 00-0543	EA	Satin Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	58.26	6.11
08 71 16 00-0544	EA	Bright Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	58.26	6.11
08 71 16 00-0545	EA	Satin Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	58.26	6.11
08 71 16 00-0546	EA	Bright Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	58.26	6.11
08 71 16 00-0547	EA	Satin Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	58.26	6.11
08 71 16 00-0548	EA	Dark Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	58.26	6.11
08 71 16 00-0549	EA	Satin Nickel Finish, Brass Plunger Type Door Holder (Ives FS1154)	58.26	6.11
08 71 16 00-0550		**Kick Down Door Holders** *(08 71 16 00-0538)*		
08 71 16 00-0551		**Aluminum Kick Down Door Holders** *(08 71 16 00-0550)*		
08 71 16 00-0552	EA	Satin Aluminum Finish, Aluminum Kick Down Door Holder (Ives FS455)	16.39	6.11
08 71 16 00-0553		**Brass Kick Down Door Holders** *(08 71 16 00-0550)*		
08 71 16 00-0554	EA	Satin Brass Finish, Brass Kick Down Door Holder (Ives FS455)	29.15	6.11
08 71 16 00-0555	EA	Bright Brass Finish, Brass Kick Down Door Holder (Ives FS455)	29.15	6.11
08 71 16 00-0556	EA	Satin Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	29.15	6.11
08 71 16 00-0557	EA	Satin Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	32.47	6.11
08 71 16 00-0558	EA	Bright Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	32.47	6.11
08 71 16 00-0559	EA	Dark Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	32.47	6.11
08 71 16 00-0560	EA	Satin Nickel Finish, Brass Kick Down Door Holder (Ives FS455)	33.31	6.11
08 71 16 00-0561		**Steel Kick Down Door Holders** *(08 71 16 00-0550)*		
08 71 16 00-0562	EA	Steel Kick Down Door Holder (Ives FS544)	18.96	6.11
08 71 16 00-0563		**Floor Mounted Door Holders** *(08 71 16 00-0538)*		
08 71 16 00-0564		**Brass Floor Mounted Door Holders** *(08 71 16 00-0563)*		
08 71 16 00-0565	EA	Up To 1/2" Door To Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	57.30	12.22
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 16 00-0566	EA	Up To 1/2" Door To Floor Clearance, Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	57.30	12.22
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 16 00-0567	EA	Up To 1/2" Door To Floor Clearance, Bright Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	68.36	12.22
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 16 00-0568	EA	Up To 1/2" Door To Floor Clearance, Bright Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	68.36	12.22
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 16 00-0569	EA	Up To 1/2" Door To Floor Clearance, Satin Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	68.36	12.22
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 16 00-0570	EA	Up To 1/2" Door To Floor Clearance, Dark Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	68.36	12.22
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 16 00-0571		**Wall Mounted Door Holders** *(08 71 16 00-0538)*		
08 71 16 00-0572		**Aluminum Wall Mounted Door Holders** *(08 71 16 00-0571)*		
08 71 16 00-0573	EA	4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop And Manual Door Holder (Ives WS20)	47.50	7.13
08 71 16 00-0574	EA	Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder (Ives WS40)	71.27	12.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0575		**Brass Wall Mounted Door Holders** *(08 71 16 00-0571)*		
08 71 16 00-0576	EA	3-11/16" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	44.15	7.13
08 71 16 00-0577	EA	3-11/16" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	50.15	7.13
08 71 16 00-0578	EA	3-11/16" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	50.15	7.13
08 71 16 00-0579	EA	3-11/16" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	50.15	7.13
08 71 16 00-0580	EA	3-11/16" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	50.15	7.13
08 71 16 00-0581	EA	3-11/16" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	50.15	7.13
08 71 16 00-0582	EA	3-11/16" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	51.56	7.13
08 71 16 00-0583	EA	4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	49.17	7.13
08 71 16 00-0584	EA	4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	57.35	7.13
08 71 16 00-0585	EA	4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	57.35	7.13
08 71 16 00-0586	EA	4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	57.35	7.13
08 71 16 00-0587	EA	4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	57.35	7.13
08 71 16 00-0588	EA	4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	57.35	7.13
08 71 16 00-0589	EA	Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder (Ives WS40)	79.43	12.22
08 71 16 00-0590	EA	Wall Mounted, Bright Chrome Finish, Brass Automatic Door Holder (Ives WS40)	83.10	12.22
08 71 16 00-0591	EA	Wall Mounted, Satin Brass Finish, Brass Automatic Door Holder (Ives WS40)	83.10	12.22
08 71 16 00-0592	EA	Wall Mounted, Bright Brass Finish, Brass Automatic Door Holder (Ives WS40)	83.10	12.22
08 71 16 00-0593	EA	Wall Mounted, Satin Bronze Finish, Brass Automatic Door Holder (Ives WS40)	83.10	12.22
08 71 16 00-0594	EA	Wall Mounted, Dark Bronze Finish, Brass Automatic Door Holder (Ives WS40)	83.10	12.22
08 71 16 00-0595		**Overhead Door Holders** *(08 71 16 00-0538)*		
08 71 16 00-0596		**Surface Mounted, Overhead Door Holders** *(08 71 16 00-0595)*		
08 71 16 00-0597	EA	Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	249.08	20.37
		For Hold Open, Add	*24.18*	
08 71 16 00-0598	EA	Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	279.95	20.37
		For Hold Open, Add	*28.64*	
08 71 16 00-0599	EA	Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	279.95	20.37
		For Hold Open, Add	*28.64*	
08 71 16 00-0600	EA	Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	279.95	20.37
		For Hold Open, Add	*28.64*	
08 71 16 00-0601	EA	Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	278.90	20.37
		For Hold Open, Add	*28.48*	
08 71 16 00-0602		**Heavy Duty, Surface Mounted, Overhead Door Holders** *(08 71 16 00-0595)*		
		Note: With or without hold open feature.		
08 71 16 00-0603	EA	Heavy Duty, Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	202.46	20.37
08 71 16 00-0604	EA	Heavy Duty, Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	276.17	20.37
08 71 16 00-0605	EA	Heavy Duty, Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	308.30	20.37
08 71 16 00-0606	EA	Heavy Duty, Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	308.30	20.37
08 71 16 00-0607	EA	Heavy Duty, Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	308.30	20.37
08 71 16 00-0608		**Concealed Mounted, Overhead Door Holders** *(08 71 16 00-0595)*		
		Note: With or without hold open feature.		
08 71 16 00-0609	EA	Concealed Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	268.40	20.37
08 71 16 00-0610	EA	Concealed Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	268.40	20.37
08 71 16 00-0611	EA	Concealed Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	281.00	20.37
08 71 16 00-0612	EA	Concealed Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	291.71	20.37
08 71 16 00-0613	EA	Concealed Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	291.71	20.37
08 71 16 00-0614		**Silencers** *(08 71 16 00-0419)*		
08 71 16 00-0615	EA	Replacement Rubber Door Silencers Note: For repair / maintenance only. This task is not to be used in conjunction with new door or frame installations.	1.16	0.81
08 71 16 00-0616		**Bolts** *(08 71 16 00-0419)*		
08 71 16 00-0617		**Brass Surface Bolts** *(08 71 16 00-0616)*		
08 71 16 00-0618	EA	8" Length, Satin Chrome Finish, Brass Surface Bolt With Strike (Ives SB1640)	78.58	10.19
08 71 16 00-0619	EA	8" Length, Bright Brass Finish, Brass Surface Bolt With Strike (Ives SB1640)	83.43	10.19
08 71 16 00-0620	EA	8" Length, Dark Bronze Finish, Brass Surface Bolt With Strike (Ives SB1640)	83.43	10.19
08 71 16 00-0621		**Steel Surface Bolts** *(08 71 16 00-0616)*		
08 71 16 00-0622	EA	8" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	40.99	10.19
08 71 16 00-0623	EA	8" Length, Bright Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	40.99	10.19
08 71 16 00-0624	EA	8" Length, Satin Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	40.99	10.19
08 71 16 00-0625	EA	8" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	45.23	10.19
08 71 16 00-0626	EA	8" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	45.84	10.19
08 71 16 00-0627	EA	8" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	47.05	10.19
08 71 16 00-0628	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	46.44	10.19
08 71 16 00-0629	EA	12" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	48.27	10.19
08 71 16 00-0630	EA	12" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	50.69	10.19
08 71 16 00-0631	EA	12" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	52.51	10.19
08 71 16 00-0632	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB360)	76.77	10.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0633		**Door Viewer** *(08 71 16 00-0419)*		
08 71 16 00-0634		**Brass Door Viewer** *(08 71 16 00-0633)*		
08 71 16 00-0635	EA	120 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U700)	26.16	10.19
08 71 16 00-0636	EA	120 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U700)	26.16	10.19
08 71 16 00-0637	EA	120 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U700)	26.16	10.19
08 71 16 00-0638	EA	150 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U696)	28.86	10.19
08 71 16 00-0639	EA	150 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U696)	28.86	10.19
08 71 16 00-0640	EA	150 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U696)	28.86	10.19
08 71 16 00-0641	EA	190 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	32.20	10.19
08 71 16 00-0642	EA	190 Degree Angle Of View, Bright Brass Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	32.20	10.19
08 71 16 00-0643		**Door Knockers** *(08 71 16 00-0419)*		
08 71 16 00-0644		**Brass Door Knockers** *(08 71 16 00-0643)*		
08 71 16 00-0645	EA	5-15/16" Length, 3" Width, Bright Brass Finish, Brass Door Knocker (Ives 3125)	34.51	10.19
08 71 16 00-0646	EA	5-15/16" Length, 3" Width, Satin Chrome Finish, Brass Door Knocker (Ives 3125)	37.09	10.19
08 71 16 00-0647	EA	5-15/16" Length, 3" Width, Bright Chrome Finish, Brass Door Knocker (Ives 3125)	37.09	10.19
08 71 16 00-0648	EA	5-15/16" Length, 3" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3125)	37.09	10.19
08 71 16 00-0649	EA	8-1/2" Length, 4-1/8" Width, Bright Brass Finish, Brass Door Knocker (Ives 3107)	46.85	10.19
08 71 16 00-0650	EA	8-1/2" Length, 4-1/8" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3107)	53.06	10.19
08 71 16 00-0651		**Hasps** *(08 71 16 00-0419)*		
08 71 16 00-0652	EA	3-1/4", Zinc Plated Finish, Steel Hasp Assembly	18.89	7.69
08 71 16 00-0653	EA	4-1/2", Zinc Plated Finish, Steel Hasp Assembly	20.09	8.15
08 71 16 00-0654	EA	6", Zinc Plated Finish, Steel Hasp Assembly	24.49	9.17
08 71 16 00-0655	EA	6", Zinc Plated Finish, Steel High Security Hasp Assembly	75.34	11.00
08 71 16 00-0656		**Flush Bolts** *(08 71 16 00-0419)*		
08 71 16 00-0657		**Flush Bolts For Metal Doors** *(08 71 16 00-0656)*		
08 71 16 00-0658		**Brass Flush Bolts For Metal Doors** *(08 71 16 00-0657)*		
08 71 16 00-0659		**Manual, Brass Flush Bolts For Metal Doors** *(08 71 16 00-0658)* Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 16 00-0660	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Metal Doors (Ives FB457/458)	33.72	10.19
08 71 16 00-0661		**Automatic, Brass Flush Bolts For Metal Doors** *(08 71 16 00-0658)* Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 16 00-0662	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31T)	68.75	10.19
08 71 16 00-0663	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31B)	68.75	10.19
08 71 16 00-0664	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31P)	124.29	16.30
08 71 16 00-0665	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Metal Doors (Ives FB32)	120.22	14.26
08 71 16 00-0666	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Brass Flush Bolt For Metal Doors (Ives FB33)	125.28	15.28
08 71 16 00-0667		**Constant Latching, Brass Flush Bolts For Metal Doors** *(08 71 16 00-0658)* Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 16 00-0668	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51T)	68.22	10.19
08 71 16 00-0669	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51P)	124.29	16.30
08 71 16 00-0670	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB52)	120.22	14.26
08 71 16 00-0671	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB53)	125.28	15.28
08 71 16 00-0672		**Stainless Steel Flush Bolts For Metal Doors** *(08 71 16 00-0657)*		
08 71 16 00-0673		**Automatic, Stainless Steel Flush Bolts For Metal Doors** *(08 71 16 00-0672)* Note: Includes stainless steel construction with bright or satin finish.		
08 71 16 00-0674	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31T)	68.75	10.19
08 71 16 00-0675	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31B)	68.75	10.19
08 71 16 00-0676	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31P)	124.29	16.30
08 71 16 00-0677	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB32)	120.22	14.26
08 71 16 00-0678	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB33)	125.28	15.28
08 71 16 00-0679		**Constant Latching, Stainless Steel Flush Bolts For Metal Doors** *(08 71 16 00-0672)* Note: Includes stainless steel construction with bright or satin finish.		
08 71 16 00-0680	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51T)	68.22	10.19
08 71 16 00-0681	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51P)	124.29	16.30
08 71 16 00-0682	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB52)	120.22	14.26
08 71 16 00-0683	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB53)	125.28	15.28
08 71 16 00-0684		**Flush Bolts For Wood Doors** *(08 71 16 00-0656)*		
08 71 16 00-0685		**Brass Flush Bolts For Wood Doors** *(08 71 16 00-0684)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0686		Manual, Brass Flush Bolts For Wood Doors *(08 71 16 00-0685)* Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 16 00-0687	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Wood Doors (Ives FB358)	38.25	10.19
08 71 16 00-0688		Automatic, Brass Flush Bolts For Wood Doors *(08 71 16 00-0685)* Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 16 00-0689	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41T)	71.12	10.19
08 71 16 00-0690	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB41B)	71.12	10.19
08 71 16 00-0691	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41P)	129.38	16.30
08 71 16 00-0692	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Wood Doors (Ives FB42)	125.31	14.26
08 71 16 00-0693		Constant Latching, Brass Flush Bolts For Wood Doors *(08 71 16 00-0685)* Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 16 00-0694	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61T)	70.64	10.19
08 71 16 00-0695	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61P)	129.38	16.30
08 71 16 00-0696	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB62)	125.31	14.26
08 71 16 00-0697		Stainless Steel Flush Bolts For Wood Doors *(08 71 16 00-0684)*		
08 71 16 00-0698		Automatic, Stainless Steel Flush Bolts For Wood Doors *(08 71 16 00-0697)* Note: Includes stainless steel construction with bright or satin finish.		
08 71 16 00-0699	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41T)	71.12	10.19
08 71 16 00-0700	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB41B)	71.12	10.19
08 71 16 00-0701	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41P)	129.38	16.30
08 71 16 00-0702	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB42)	125.31	14.26
08 71 16 00-0703		Constant Latching, Stainless Steel Flush Bolts For Wood Doors *(08 71 16 00-0697)* Note: Includes stainless steel construction with bright or satin finish.		
08 71 16 00-0704	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61T)	70.64	10.19
08 71 16 00-0705	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61P)	129.38	16.30
08 71 16 00-0706	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB62)	125.31	14.26
08 71 16 00-0707		Dust Proof Strikes *(08 71 16 00-0656)*		
08 71 16 00-0708	EA	Satin Brass Finish, Brass Dust Proof Strike (Ives DP1)	29.28	8.15
08 71 16 00-0709	EA	Satin Chrome Finish, Brass Dust Proof Strike (Ives DP1)	29.28	8.15
08 71 16 00-0710	EA	Bright Brass Finish, Brass Dust Proof Strike (Ives DP1)	29.28	8.15
08 71 16 00-0711	EA	Satin Bronze Finish, Brass Dust Proof Strike (Ives DP1)	29.28	8.15
08 71 16 00-0712	EA	Dark Bronze Finish, Brass Dust Proof Strike (Ives DP1)	29.28	8.15
08 71 16 00-0713	EA	Satin Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	32.67	8.15
08 71 16 00-0714	EA	Satin Chrome Finish, Brass Dust Proof Strike With Plate (Ives DP2)	32.67	8.15
08 71 16 00-0715	EA	Satin Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	32.67	8.15
08 71 16 00-0716	EA	Bright Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	32.67	8.15
08 71 16 00-0717	EA	Dark Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	32.67	8.15
08 71 16 00-0718		Roller Bumpers *(08 71 16 00-0419)*		
08 71 16 00-0719		Brass Roller Bumpers *(08 71 16 00-0718)*		
08 71 16 00-0720	EA	5" Length, Bright Brass Finish, Brass Offset Arm Roller Bumper (Ives RB470)	28.50	6.11
08 71 16 00-0721	EA	5" Length, Satin Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	32.55	6.11
08 71 16 00-0722	EA	5" Length, Bright Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	32.55	6.11
08 71 16 00-0723	EA	4-1/2" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	27.58	6.11
08 71 16 00-0724	EA	4-1/2" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	30.67	6.11
08 71 16 00-0725	EA	4-1/2" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	30.67	6.11
08 71 16 00-0726	EA	4-1/2" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	30.67	6.11
08 71 16 00-0727	EA	6" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	28.56	6.11
08 71 16 00-0728	EA	6" Length, Satin Nickel Finish, Brass Straight Arm Roller Bumper (Ives RB472)	30.74	6.11
08 71 16 00-0729	EA	6" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	31.77	6.11
08 71 16 00-0730	EA	6" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	31.77	6.11
08 71 16 00-0731	EA	6" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	31.77	6.11
08 71 16 00-0732	EA	6" Length, Satin Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	31.77	6.11
08 71 16 00-0733	EA	6" Length, Dark Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	31.77	6.11
08 71 16 00-0734		Other Door Trim *(08 71 16 00-0419)*		
08 71 16 00-0735		Coat And Hat Hooks *(08 71 16 00-0734)*		
08 71 16 00-0736		Aluminum Coat And Hat Hooks *(08 71 16 00-0735)*		
08 71 16 00-0737	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Wardrobe Hook (Ives 581)	13.56	6.11
08 71 16 00-0738	EA	1-1/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Wardrobe Hook (Ives 581)	13.56	6.11
08 71 16 00-0739	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Wardrobe Hook (Ives 581)	13.63	6.11
08 71 16 00-0740	EA	1-3/4" Height, 1-1/4" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 571)	13.51	6.11
08 71 16 00-0741	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 571)	13.51	6.11
08 71 16 00-0742	EA	1-3/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 571)	13.51	6.11
08 71 16 00-0743	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Coat And Hat Hook (Ives 571)	13.63	6.11
08 71 16 00-0744	EA	1-1/2" Height, 2-1/2" Width, Satin Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	14.01	6.11
08 71 16 00-0745	EA	1-1/2" Height, 2-1/2" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	14.01	6.11
08 71 16 00-0746	EA	1-1/2" Height, 2-1/2" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	14.01	6.11
08 71 16 00-0747	EA	1-1/2" Height, 2-1/2" Width, Dark Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	14.01	6.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0748	EA	1-1/2" Height, 2-1/2" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 405)	14.01	6.11
08 71 16 00-0749		**Brass Coat And Hat Hooks** *(08 71 16 00-0735)*		
08 71 16 00-0750	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Wardrobe Hook (Ives 581)	15.62	6.11
08 71 16 00-0751	EA	1-1/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Wardrobe Hook (Ives 581)	15.82	6.11
08 71 16 00-0752	EA	1-1/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Wardrobe Hook (Ives 581)	16.13	6.11
08 71 16 00-0753	EA	1-1/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Wardrobe Hook (Ives 581)	16.13	6.11
08 71 16 00-0754	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Wardrobe Hook (Ives 581)	16.33	6.11
08 71 16 00-0755	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Coat And Hat Hook (Ives 571)	16.97	6.11
08 71 16 00-0756	EA	1-3/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Coat And Hat Hook (Ives 571)	17.87	6.11
08 71 16 00-0757	EA	1-3/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Coat And Hat Hook (Ives 571)	17.87	6.11
08 71 16 00-0758	EA	1-3/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Coat And Hat Hook (Ives 571)	17.87	6.11
08 71 16 00-0759	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Coat And Hat Hook (Ives 571)	18.07	6.11
08 71 16 00-0760		**Door Plates And Pulls** *(08 71 16)*		
08 71 16 00-0761		**Kick Plate** *(08 71 16 00-0760)* Note: Ives 8400.		
08 71 16 00-0762		**Aluminum Base Material Kick Plate** *(08 71 16 00-0761)*		
08 71 16 00-0763		**Satin Aluminum Finish, Aluminum Kick Plate** *(08 71 16 00-0762)*		
08 71 16 00-0764	EA	8" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	34.48	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0765	EA	8" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	35.40	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0766	EA	8" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	36.30	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0767	EA	8" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	15.22	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0768	EA	8" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	39.77	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0769	EA	8" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	40.66	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0770	EA	8" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	41.59	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0771	EA	8" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	42.49	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0772	EA	8" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	45.03	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0773	EA	8" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	45.95	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0774	EA	8" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	46.85	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0775	EA	8" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	49.41	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0776	EA	8" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	50.32	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0777	EA	8" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	51.22	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0778	EA	10" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	37.00	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0779	EA	10" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	38.14	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0780	EA	10" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	39.27	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0781	EA	10" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	40.41	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0782	EA	10" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	43.18	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0783	EA	10" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	44.32	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0784	EA	10" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	45.46	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0785	EA	10" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	46.60	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0786	EA	10" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	49.37	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0787	EA	10" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	50.51	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0788	EA	10" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	51.65	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0789	EA	10" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	54.42	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0790	EA	10" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	55.55	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0791	EA	10" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	56.69	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0792	EA	12" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	39.51	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0793	EA	12" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	40.86	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0794	EA	12" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	42.25	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0795	EA	12" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	43.59	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0796	EA	12" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	46.60	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0797	EA	12" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	47.96	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0798	EA	12" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	49.33	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0799	EA	12" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	50.70	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0800	EA	12" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	53.70	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0801	EA	12" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	55.06	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0802	EA	12" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	56.44	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0803	EA	12" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	59.43	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0804	EA	12" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	60.80	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0805	EA	12" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	62.17	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0806	EA	14" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	43.63	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0807	EA	14" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	45.22	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0808	EA	14" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	46.84	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0809	EA	14" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	48.43	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0810	EA	14" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	51.65	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0811	EA	14" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	53.25	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0812	EA	14" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	54.84	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0813	EA	14" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	56.44	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0814	EA	14" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	59.66	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0815	EA	14" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	61.25	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0816	EA	14" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	62.85	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0817	EA	14" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	66.07	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0818	EA	14" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	67.68	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0819	EA	14" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	69.27	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0820	EA	16" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	46.15	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0821	EA	16" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	47.96	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0822	EA	16" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	49.80	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0823	EA	16" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	51.62	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0824	EA	16" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	53.25	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0825	EA	16" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	56.90	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0826	EA	16" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	58.73	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0827	EA	16" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	60.54	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0828	EA	16" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	63.99	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0829	EA	16" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	65.83	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0830	EA	16" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	67.64	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0831	EA	16" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	71.09	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0832	EA	16" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	72.92	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0833	EA	16" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	74.75	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0834	EA	18" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	50.09	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0835	EA	18" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	52.28	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0836	EA	18" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	54.46	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0837	EA	18" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	56.65	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0838	EA	18" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	60.45	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0839	EA	18" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	62.63	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0840	EA	18" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	64.82	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0841	EA	18" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	67.00	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0842	EA	18" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	70.82	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0843	EA	18" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	73.00	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0844	EA	18" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	75.18	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0845	EA	18" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	79.00	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0846	EA	18" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	81.18	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0847	EA	18" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	83.37	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0848	EA	20" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	54.39	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0849	EA	20" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	56.82	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0850	EA	20" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	59.24	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0851	EA	20" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	61.67	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0852	EA	20" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	65.72	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0853	EA	20" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	68.15	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0854	EA	20" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	70.57	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0855	EA	20" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	73.00	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0856	EA	20" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	77.05	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0857	EA	20" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	79.48	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0858	EA	20" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	81.91	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0859	EA	20" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	85.96	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0860	EA	20" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	88.39	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0861	EA	20" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	90.81	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0862	EA	22" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	57.06	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0863	EA	22" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	59.72	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0864	EA	22" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	62.39	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0865	EA	22" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	65.06	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0866	EA	22" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	69.37	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0867	EA	22" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	72.03	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0868	EA	22" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	74.70	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0869	EA	22" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	77.37	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0870	EA	22" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	81.66	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0871	EA	22" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	84.33	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0872	EA	22" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	87.00	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0873	EA	22" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	91.30	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0874	EA	22" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	93.96	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0875	EA	22" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	96.63	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0876	EA	24" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	59.72	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0877	EA	24" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	62.63	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0878	EA	24" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	65.55	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0879	EA	24" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	68.46	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0880	EA	24" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	73.00	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0881	EA	24" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	75.91	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0882	EA	24" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	78.82	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0883	EA	24" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	81.74	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0884	EA	24" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	86.27	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0885	EA	24" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	89.18	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0886	EA	24" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	92.09	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0887	EA	24" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	96.63	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0888	EA	24" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	99.55	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0889	EA	24" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	102.46	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0890		Brass Base Material Kick Plate *(08 71 16 00-0761)*		
08 71 16 00-0891		Bright/Satin Brass Finish, Brass Kick Plate *(08 71 16 00-0890)*		
08 71 16 00-0892	EA	8" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	57.64	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0893	EA	8" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	60.65	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0894	EA	8" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	63.68	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0895	EA	8" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	66.69	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0896	EA	8" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	71.34	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0897	EA	8" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	74.37	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0898	EA	8" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	77.38	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0899	EA	8" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	80.40	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0900	EA	8" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	85.04	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0901	EA	8" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	88.05	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0902	EA	8" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	91.07	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0903	EA	8" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	95.71	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0904	EA	8" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	98.74	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0905	EA	8" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	101.76	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0906	EA	10" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	65.95	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0907	EA	10" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	69.71	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0908	EA	10" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	73.49	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0909	EA	10" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	77.25	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0910	EA	10" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	82.64	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0911	EA	10" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	86.42	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0912	EA	10" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	90.20	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0913	EA	10" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	93.97	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0914	EA	10" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	99.36	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0915	EA	10" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	103.14	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0916	EA	10" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	106.92	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0917	EA	10" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	112.31	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0918	EA	10" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	116.09	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0919	EA	10" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	119.86	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0920	EA	12" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	74.22	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0921	EA	12" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	78.77	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0922	EA	12" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	83.28	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0923	EA	12" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	87.81	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0924	EA	12" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	93.97	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0925	EA	12" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	98.50	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0926	EA	12" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	103.02	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0927	EA	12" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	107.54	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0928	EA	12" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	113.72	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0929	EA	12" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	118.23	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0930	EA	12" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	122.76	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0931	EA	12" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	128.91	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0932	EA	12" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	133.43	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0933	EA	12" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	137.97	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0934	EA	14" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	84.17	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0935	EA	14" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	89.44	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0936	EA	14" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	94.72	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0937	EA	14" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	100.01	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0938	EA	14" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	106.92	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0939	EA	14" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	112.20	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0940	EA	14" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	117.47	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0941	EA	14" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	122.76	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0942	EA	14" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	129.67	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0943	EA	14" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	134.95	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0944	EA	14" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	140.22	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0945	EA	14" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	147.13	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0946	EA	14" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	152.42	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0947	EA	14" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	157.71	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0948	EA	16" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	92.45	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0949	EA	16" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	98.50	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0950	EA	16" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	104.53	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0951	EA	16" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	110.57	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0952	EA	16" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	118.23	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0953	EA	16" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	124.26	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0954	EA	16" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	130.29	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0955	EA	16" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	136.34	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0956	EA	16" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	144.00	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0957	EA	16" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	150.03	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0958	EA	16" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	156.08	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0959	EA	16" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	163.73	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0960	EA	16" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	169.76	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0961	EA	16" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	175.81	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0962	EA	18" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	124.30	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0963	EA	18" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	133.22	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0964	EA	18" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	142.14	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0965	EA	18" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	151.08	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0966	EA	18" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	161.64	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0967	EA	18" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	170.55	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0968	EA	18" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	179.50	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0969	EA	18" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	188.41	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0970	EA	18" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	198.99	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0971	EA	18" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	207.91	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0972	EA	18" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	216.83	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0973	EA	18" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	227.40	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0974	EA	18" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	236.32	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0975	EA	18" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	245.24	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0976	EA	20" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	136.84	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0977	EA	20" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	146.75	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0978	EA	20" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	156.68	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0979	EA	20" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	166.58	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0980	EA	20" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	178.15	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0981	EA	20" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	188.07	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0982	EA	20" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	197.98	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0983	EA	20" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	207.91	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0984	EA	20" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	219.45	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0985	EA	20" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	229.38	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0986	EA	20" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	239.30	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0987	EA	20" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	250.84	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0988	EA	20" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	260.78	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0989	EA	20" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	270.68	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0990	EA	22" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	147.76	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0991	EA	22" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	158.66	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0992	EA	22" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	169.57	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0993	EA	22" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	180.49	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0994	EA	22" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	193.02	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0995	EA	22" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	203.94	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0996	EA	22" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	214.85	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0997	EA	22" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	225.77	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0998	EA	22" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	238.30	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-0999	EA	22" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	249.21	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1000	EA	22" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	260.13	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1001	EA	22" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	272.67	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1002	EA	22" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	283.59	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1003	EA	22" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	294.48	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1004	EA	24" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	158.66	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1005	EA	24" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	170.55	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1006	EA	24" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	182.47	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1007	EA	24" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	194.38	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1008	EA	24" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	207.91	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1009	EA	24" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	219.81	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1010	EA	24" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	231.72	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1011	EA	24" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	244.28	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1012	EA	24" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	257.15	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1013	EA	24" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	269.05	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1014	EA	24" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	280.95	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1015	EA	24" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	294.48	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1016	EA	24" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	306.41	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1017	EA	24" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	318.30	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 16 00-1018 Bright/Satin Chrome Finish, Brass Kick Plate *(08 71 16 00-0890)*

08 71 16 00-1019	EA	8" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	61.05	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1020	EA	8" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	64.38	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1021	EA	8" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	67.71	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1022	EA	8" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	71.04	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1023	EA	8" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	76.00	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1024	EA	8" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	79.32	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1025	EA	8" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	82.64	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1026	EA	8" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	85.97	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1027	EA	8" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	90.93	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1028	EA	8" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	94.27	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1029	EA	8" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	97.60	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1030	EA	8" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	102.56	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1031	EA	8" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	105.88	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1032	EA	8" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	109.21	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1033	EA	10" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	70.21	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1034	EA	10" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	74.37	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1035	EA	10" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	78.53	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1036	EA	10" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	82.68	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1037	EA	10" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	88.48	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1038	EA	10" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	92.64	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1039	EA	10" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	96.80	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1040	EA	10" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	100.96	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1041	EA	10" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	106.74	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1042	EA	10" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	110.90	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1043	EA	10" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	115.06	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1044	EA	10" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	120.85	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1045	EA	10" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	125.01	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1046	EA	10" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	129.16	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1047	EA	12" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	79.35	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1048	EA	12" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	84.34	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1049	EA	12" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	89.35	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1050	EA	12" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	94.34	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1051	EA	12" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	100.96	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1052	EA	12" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	105.95	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1053	EA	12" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	110.94	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1054	EA	12" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	115.93	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1055	EA	12" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	122.55	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1056	EA	12" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	127.53	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1057	EA	12" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	132.53	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1058	EA	12" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	139.15	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1059	EA	12" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	144.16	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1060	EA	12" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	149.14	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1061	EA	14" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	90.13	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1062	EA	14" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	95.97	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1063	EA	14" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	101.80	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1064	EA	14" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	107.61	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1065	EA	14" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	115.06	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1066	EA	14" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	120.89	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1067	EA	14" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	126.70	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1068	EA	14" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	132.53	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1069	EA	14" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	140.00	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1070	EA	14" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	145.82	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1071	EA	14" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	151.63	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1072	EA	14" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	148.59	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1073	EA	14" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	164.91	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1074	EA	14" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	170.74	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1075	EA	16" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	99.30	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1076	EA	16" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	105.95	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1077	EA	16" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	112.60	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1078	EA	16" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	119.26	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1079	EA	16" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	127.53	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1080	EA	16" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	134.21	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1081	EA	16" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	140.86	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1082	EA	16" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	147.51	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1083	EA	16" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	155.79	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1084	EA	16" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	162.45	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1085	EA	16" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	169.11	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1086	EA	16" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	177.38	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1087	EA	16" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	184.05	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1088	EA	16" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	190.71	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1089	EA	18" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	135.57	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1090	EA	18" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	145.54	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1091	EA	18" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	155.48	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1092	EA	18" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	165.45	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1093	EA	18" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	177.02	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1094	EA	18" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	186.97	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1095	EA	18" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	196.93	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1096	EA	18" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	206.88	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1097	EA	18" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	218.46	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1098	EA	18" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	228.42	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1099	EA	18" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	238.38	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1100	EA	18" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	249.96	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1101	EA	18" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	259.92	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1102	EA	18" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	269.87	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1103	EA	20" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	149.36	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1104	EA	20" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	160.44	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1105	EA	20" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	171.49	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1106	EA	20" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	182.56	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1107	EA	20" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	195.24	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1108	EA	20" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	206.30	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1109	EA	20" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	217.36	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1110	EA	20" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	228.42	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1111	EA	20" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	241.13	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1112	EA	20" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	252.17	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1113	EA	20" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	263.23	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1114	EA	20" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	275.93	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1115	EA	20" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	286.98	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1116	EA	20" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	298.05	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1117	EA	22" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	161.53	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1118	EA	22" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	173.71	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1119	EA	22" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	185.87	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1120	EA	22" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	198.03	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1121	EA	22" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	211.84	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1122	EA	22" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	224.00	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1123	EA	22" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	236.17	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1124	EA	22" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	248.33	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1125	EA	22" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	262.14	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1126	EA	22" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	274.30	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1127	EA	22" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	286.47	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1128	EA	22" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	300.26	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1129	EA	22" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	312.41	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1130	EA	22" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	324.59	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1131	EA	24" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	173.71	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1132	EA	24" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	186.97	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1133	EA	24" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	200.25	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1134	EA	24" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	213.52	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1135	EA	24" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	228.42	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1136	EA	24" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	241.69	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1137	EA	24" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	254.98	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1138	EA	24" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	268.24	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1139	EA	24" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	283.14	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1140	EA	24" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	296.42	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1141	EA	24" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	309.69	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1142	EA	24" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	324.59	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1143	EA	24" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	337.87	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1144	EA	24" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	351.14	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 16 00-1145 Satin/Dark Bronze Finish, Brass Kick Plate *(08 71 16 00-0890)*

08 71 16 00-1146	EA	8" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	61.70	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1147	EA	8" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	65.07	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1148	EA	8" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	68.48	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1149	EA	8" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	71.85	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1150	EA	8" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	76.88	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1151	EA	8" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	80.26	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1152	EA	8" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	83.65	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1153	EA	8" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	87.03	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1154	EA	8" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	92.03	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1155	EA	8" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	95.43	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1156	EA	8" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	98.82	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1157	EA	8" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	103.84	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1158	EA	8" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	107.22	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1159	EA	8" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	110.61	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1160	EA	10" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	71.01	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1161	EA	10" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	75.25	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1162	EA	10" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	79.47	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1163	EA	10" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	83.70	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1164	EA	10" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	89.56	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1165	EA	10" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	93.80	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1166	EA	10" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	98.03	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1167	EA	10" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	102.26	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1168	EA	10" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	108.13	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1169	EA	10" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	112.36	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1170	EA	10" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	116.58	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1171	EA	10" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	122.46	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1172	EA	10" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	126.69	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1173	EA	10" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	130.92	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1174	EA	12" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	80.32	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1175	EA	12" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	85.40	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1176	EA	12" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	90.47	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1177	EA	12" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	95.56	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1178	EA	12" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	102.26	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1179	EA	12" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	107.35	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1180	EA	12" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	112.43	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1181	EA	12" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	117.50	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1182	EA	12" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	124.22	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1183	EA	12" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	129.29	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1184	EA	12" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	134.36	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1185	EA	12" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	141.07	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1186	EA	12" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	146.16	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1187	EA	12" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	151.23	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1188	EA	14" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	91.25	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1189	EA	14" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	97.19	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1190	EA	14" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	103.11	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1191	EA	14" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	109.03	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1192	EA	14" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	116.58	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1193	EA	14" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	122.51	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1194	EA	14" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	128.44	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1195	EA	14" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	134.36	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1196	EA	14" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	141.92	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1197	EA	14" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	147.84	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1198	EA	14" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	153.76	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1199	EA	14" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	161.33	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1200	EA	14" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	167.27	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1201	EA	14" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	173.19	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1202	EA	16" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	100.58	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1203	EA	16" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	107.35	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1204	EA	16" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	114.11	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1205	EA	16" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	120.88	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1206	EA	16" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	129.29	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1207	EA	16" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	136.06	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1208	EA	16" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	142.83	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1209	EA	16" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	149.60	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1210	EA	16" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	158.02	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1211	EA	16" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	164.79	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1212	EA	16" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	171.56	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1213	EA	16" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	179.94	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1214	EA	16" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	186.73	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1215	EA	16" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	193.50	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1216	EA	18" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	135.57	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1217	EA	18" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	145.54	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1218	EA	18" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	155.48	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1219	EA	18" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	165.45	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1220	EA	18" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	177.02	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1221	EA	18" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	186.97	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1222	EA	18" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	196.93	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1223	EA	18" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	206.88	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1224	EA	18" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	218.46	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1225	EA	18" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	228.42	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1226	EA	18" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	238.38	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1227	EA	18" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	249.96	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1228	EA	18" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	259.92	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1229	EA	18" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	269.87	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1230	EA	20" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	149.36	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1231	EA	20" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	160.44	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1232	EA	20" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	171.49	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1233	EA	20" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	182.56	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1234	EA	20" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	195.24	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1235	EA	20" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	206.30	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1236	EA	20" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	217.36	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1237	EA	20" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	228.42	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1238	EA	20" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	241.13	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1239	EA	20" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	252.17	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1240	EA	20" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	263.23	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1241	EA	20" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	275.93	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1242	EA	20" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	286.98	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1243	EA	20" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	298.05	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1244	EA	22" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	161.53	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1245	EA	22" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	173.71	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1246	EA	22" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	185.87	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1247	EA	22" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	198.03	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1248	EA	22" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	211.84	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1249	EA	22" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	224.00	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1250	EA	22" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	236.17	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1251	EA	22" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	248.33	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1252	EA	22" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	262.14	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1253	EA	22" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	274.30	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1254	EA	22" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	286.47	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1255	EA	22" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	300.26	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1256	EA	22" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	312.41	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1257	EA	22" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	324.59	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1258	EA	24" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	173.71	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1259	EA	24" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	186.97	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1260	EA	24" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	200.25	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1261	EA	24" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	213.52	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1262	EA	24" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	228.42	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1263	EA	24" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	241.69	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1264	EA	24" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	254.98	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1265	EA	24" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	268.24	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1266	EA	24" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	283.14	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1267	EA	24" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	296.42	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1268	EA	24" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	309.69	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1269	EA	24" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	324.59	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1270	EA	24" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	337.87	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1271	EA	24" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	351.14	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 16 00-1272 Satin Nickel Finish, Brass Kick Plate *(08 71 16 00-0890)*

08 71 16 00-1273	EA	8" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	61.70	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1274	EA	8" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	65.07	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1275	EA	8" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	68.48	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1276	EA	8" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	71.85	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1277	EA	8" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	76.88	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1278	EA	8" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	80.26	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1279	EA	8" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	83.65	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1280	EA	8" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	87.03	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1281	EA	8" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	92.03	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1282	EA	8" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	95.43	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1283	EA	8" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	98.82	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1284	EA	8" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	103.84	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1285	EA	8" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	107.22	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1286	EA	8" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	110.61	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1287	EA	10" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	71.01	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1288	EA	10" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	75.25	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1289	EA	10" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	79.47	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1290	EA	10" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	83.70	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1291	EA	10" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	89.56	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1292	EA	10" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	93.80	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1293	EA	10" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	98.03	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1294	EA	10" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	102.26	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1295	EA	10" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	108.13	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1296	EA	10" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	112.36	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1297	EA	10" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	116.58	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1298	EA	10" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	122.46	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1299	EA	10" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	126.69	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1300	EA	10" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	130.92	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1301	EA	12" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	80.32	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1302	EA	12" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	85.40	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1303	EA	12" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	90.47	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1304	EA	12" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	95.56	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1305	EA	12" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	102.26	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1306	EA	12" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	107.35	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1307	EA	12" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	112.43	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1308	EA	12" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	117.50	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1309	EA	12" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	124.22	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1310	EA	12" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	129.29	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1311	EA	12" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	134.36	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1312	EA	12" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	141.07	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1313	EA	12" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	146.16	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1314	EA	12" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	151.23	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1315	EA	14" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	91.25	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1316	EA	14" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	97.19	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1317	EA	14" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	103.11	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1318	EA	14" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	109.03	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1319	EA	14" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	116.58	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1320	EA	14" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	122.51	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1321	EA	14" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	128.44	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1322	EA	14" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	134.36	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1323	EA	14" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	141.92	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1324	EA	14" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	147.84	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1325	EA	14" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	153.76	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1326	EA	14" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	161.33	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1327	EA	14" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	167.27	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1328	EA	14" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	173.19	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1329	EA	16" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	100.58	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1330	EA	16" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	107.35	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1331	EA	16" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	114.11	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1332	EA	16" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	120.88	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1333	EA	16" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	129.29	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1334	EA	16" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	136.06	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1335	EA	16" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	142.83	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1336	EA	16" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	149.60	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1337	EA	16" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	158.02	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1338	EA	16" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	164.79	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1339	EA	16" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	171.56	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1340	EA	16" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	179.94	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1341	EA	16" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	186.73	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1342	EA	16" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	193.50	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1343	EA	18" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	135.57	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1344	EA	18" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	145.54	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1345	EA	18" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	155.48	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1346	EA	18" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	165.45	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1347	EA	18" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	177.02	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1348	EA	18" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	186.97	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1349	EA	18" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	196.93	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1350	EA	18" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	206.88	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1351	EA	18" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	218.46	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1352	EA	18" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	228.42	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1353	EA	18" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	238.38	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1354	EA	18" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	249.96	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1355	EA	18" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	259.92	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1356	EA	18" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	269.87	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1357	EA	20" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	149.36	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1358	EA	20" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	160.44	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1359	EA	20" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	171.49	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1360	EA	20" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	182.56	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1361	EA	20" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	195.24	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1362	EA	20" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	206.30	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1363	EA	20" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	217.36	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1364	EA	20" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	228.42	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1365	EA	20" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	241.13	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1366	EA	20" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	252.17	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1367	EA	20" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	263.23	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1368	EA	20" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	275.93	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1369	EA	20" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	286.98	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1370	EA	20" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	298.05	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1371	EA	22" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	161.53	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1372	EA	22" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	173.71	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1373	EA	22" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	185.87	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1374	EA	22" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	198.03	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1375	EA	22" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	211.84	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1376	EA	22" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	224.00	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1377	EA	22" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	236.17	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1378	EA	22" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	248.33	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1379	EA	22" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	262.14	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1380	EA	22" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	274.30	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1381	EA	22" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	286.47	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1382	EA	22" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	300.26	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1383	EA	22" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	312.41	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1384	EA	22" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	324.59	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1385	EA	24" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	173.71	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1386	EA	24" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	186.97	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1387	EA	24" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	200.25	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1388	EA	24" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	213.52	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1389	EA	24" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	228.42	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1390	EA	24" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	241.69	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1391	EA	24" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	254.98	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1392	EA	24" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	268.24	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1393	EA	24" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	283.14	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1394	EA	24" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	296.42	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1395	EA	24" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	309.69	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1396	EA	24" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	324.59	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1397	EA	24" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	337.87	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1398	EA	24" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	351.14	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 16 00-1399 Stainless Base Material Kick Plate *(08 71 16 00-0761)*

08 71 16 00-1400 Satin Stainless Finish, Stainless Kick Plate *(08 71 16 00-1399)*

08 71 16 00-1401	EA	8" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	36.07	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1402	EA	8" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	37.14	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1403	EA	8" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	38.18	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1404	EA	8" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	39.27	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1405	EA	8" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	41.95	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1406	EA	8" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	42.98	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1407	EA	8" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	44.07	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1408	EA	8" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	45.12	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1409	EA	8" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	47.81	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1410	EA	8" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	48.87	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1411	EA	8" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	49.92	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1412	EA	8" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	52.61	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1413	EA	8" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	53.67	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1414	EA	8" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	54.72	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1415	EA	10" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	38.98	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1416	EA	10" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	40.32	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1417	EA	10" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	41.64	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1418	EA	10" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	42.95	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1419	EA	10" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	45.91	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1420	EA	10" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	47.24	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1421	EA	10" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	48.55	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1422	EA	10" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	49.86	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1423	EA	10" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	52.84	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1424	EA	10" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	54.15	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1425	EA	10" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	55.46	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1426	EA	10" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	58.42	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1427	EA	10" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	59.75	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1428	EA	10" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	61.06	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1429	EA	12" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	41.90	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1430	EA	12" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	43.49	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1431	EA	12" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	45.07	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1432	EA	12" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	46.66	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1433	EA	12" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	49.86	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1434	EA	12" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	51.46	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1435	EA	12" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	53.03	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1436	EA	12" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	54.63	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1437	EA	12" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	57.83	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1438	EA	12" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	59.43	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1439	EA	12" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	61.03	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1440	EA	12" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	64.23	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1441	EA	12" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	65.83	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1442	EA	12" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	67.40	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1443	EA	14" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	46.44	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1444	EA	14" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	48.29	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1445	EA	14" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	50.15	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1446	EA	14" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	51.99	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1447	EA	14" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	55.46	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1448	EA	14" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	57.32	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1449	EA	14" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	59.17	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1450	EA	14" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	61.03	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1451	EA	14" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	64.52	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1452	EA	14" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	66.34	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1453	EA	14" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	68.20	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1454	EA	14" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	71.69	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1455	EA	14" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	73.54	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1456	EA	14" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	75.40	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1457	EA	16" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	49.35	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1458	EA	16" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	51.46	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1459	EA	16" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	53.58	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1460	EA	16" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	55.69	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1461	EA	16" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	59.43	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1462	EA	16" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	61.54	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1463	EA	16" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	63.66	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1464	EA	16" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	65.77	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1465	EA	16" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	69.51	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1466	EA	16" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	71.64	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1467	EA	16" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	73.77	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1468	EA	16" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	77.51	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1469	EA	16" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	79.62	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1470	EA	16" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	81.74	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1471	EA	18" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	53.45	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1472	EA	18" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	55.95	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1473	EA	18" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	58.43	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1474	EA	18" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	60.92	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1475	EA	18" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	65.05	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1476	EA	18" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	67.53	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1477	EA	18" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	70.01	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1478	EA	18" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	72.49	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1479	EA	18" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	76.62	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1480	EA	18" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	79.11	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1481	EA	18" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	81.59	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1482	EA	18" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	85.72	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1483	EA	18" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	88.22	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1484	EA	18" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	90.69	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1485	EA	20" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	58.13	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1486	EA	20" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	60.89	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1487	EA	20" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	63.66	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1488	EA	20" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	66.41	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1489	EA	20" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	70.82	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1490	EA	20" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	73.59	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1491	EA	20" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	76.34	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1492	EA	20" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	79.11	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1493	EA	20" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	83.50	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1494	EA	20" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	86.27	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1495	EA	20" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	89.05	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1496	EA	20" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	93.43	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1497	EA	20" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	96.20	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1498	EA	20" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	98.96	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1499	EA	22" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	61.16	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1500	EA	22" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	64.22	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1501	EA	22" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	67.24	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1502	EA	22" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	70.30	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1503	EA	22" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	74.95	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1504	EA	22" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	78.01	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1505	EA	22" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	81.04	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1506	EA	22" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	84.09	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1507	EA	22" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	88.75	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1508	EA	22" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	91.80	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1509	EA	22" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	94.85	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1510	EA	22" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	99.51	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1511	EA	22" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	102.56	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1512	EA	22" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	105.59	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1513	EA	24" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	64.22	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1514	EA	24" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	67.53	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1515	EA	24" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	70.85	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1516	EA	24" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	74.16	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1517	EA	24" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	79.11	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1518	EA	24" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	82.43	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1519	EA	24" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	85.75	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1520	EA	24" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	89.06	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1521	EA	24" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	94.01	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1522	EA	24" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	97.33	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1523	EA	24" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	100.65	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1524	EA	24" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	105.59	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1525	EA	24" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	108.91	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1526	EA	24" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	112.24	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 16 00-1527 Bright Stainless Finish, Stainless Kick Plate *(08 71 16 00-1399)*

08 71 16 00-1528	EA	8" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	51.24	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1529	EA	8" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	53.68	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1530	EA	8" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	56.11	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1531	EA	8" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	58.54	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1532	EA	8" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	62.60	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1533	EA	8" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	65.05	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1534	EA	8" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	67.47	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1535	EA	8" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	69.92	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1536	EA	8" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	73.96	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1537	EA	8" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	76.41	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1538	EA	8" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	78.86	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1539	EA	8" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	82.91	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1540	EA	8" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	85.35	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1541	EA	8" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	87.77	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1542	EA	10" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	57.93	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1543	EA	10" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	60.97	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1544	EA	10" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	64.02	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1545	EA	10" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	67.07	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1546	EA	10" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	71.73	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1547	EA	10" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	74.78	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1548	EA	10" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	77.83	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1549	EA	10" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	80.88	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1550	EA	10" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	85.54	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1551	EA	10" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	88.59	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1552	EA	10" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	91.64	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1553	EA	10" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	96.30	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1554	EA	10" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	99.35	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1555	EA	10" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	102.40	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1556	EA	12" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	64.62	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1557	EA	12" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	68.29	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1558	EA	12" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	71.94	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1559	EA	12" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	75.60	6.11
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1560	EA	12" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	80.88	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1561	EA	12" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	84.51	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1562	EA	12" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	88.18	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1563	EA	12" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	91.83	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1564	EA	12" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	97.11	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1565	EA	12" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	100.77	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1566	EA	12" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	104.41	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1567	EA	12" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	109.71	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1568	EA	12" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	113.35	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1569	EA	12" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	117.00	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1570	EA	14" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	72.96	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1571	EA	14" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	77.23	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1572	EA	14" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	81.49	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1573	EA	14" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	85.75	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1574	EA	14" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	91.64	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1575	EA	14" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	95.90	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1576	EA	14" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	100.16	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1577	EA	14" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	104.41	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1578	EA	14" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	110.32	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1579	EA	14" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	114.58	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1580	EA	14" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	118.84	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1581	EA	14" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	124.73	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1582	EA	14" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	128.98	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1583	EA	14" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	133.24	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1584	EA	16" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	79.65	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1585	EA	16" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	84.51	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1586	EA	16" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	89.41	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1587	EA	16" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	94.27	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1588	EA	16" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	100.77	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1589	EA	16" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	105.64	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1590	EA	16" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	110.50	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1591	EA	16" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	115.37	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1592	EA	16" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	121.88	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1593	EA	16" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	126.74	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1594	EA	16" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	131.61	7.34
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1595	EA	16" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	138.11	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1596	EA	16" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	142.99	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1597	EA	16" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	147.87	7.74
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1598	EA	18" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	87.06	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1599	EA	18" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	92.63	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1600	EA	18" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	98.15	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1601	EA	18" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	103.72	6.52
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1602	EA	18" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	110.89	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1603	EA	18" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	116.41	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1604	EA	18" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	121.98	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1605	EA	18" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	130.67	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1606	EA	18" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	134.70	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1607	EA	18" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	140.24	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1608	EA	18" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	145.78	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1609	EA	18" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	152.96	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1610	EA	18" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	158.50	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1611	EA	18" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	164.05	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1612	EA	20" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	95.49	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1613	EA	20" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	101.64	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1614	EA	20" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	107.80	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1615	EA	20" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	113.96	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1616	EA	20" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	121.75	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1617	EA	20" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	127.92	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1618	EA	20" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	134.07	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1619	EA	20" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	140.24	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1620	EA	20" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	148.01	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1621	EA	20" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	154.19	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1622	EA	20" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	160.35	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1623	EA	20" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	168.13	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1624	EA	20" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	174.30	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1625	EA	20" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	180.45	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1626	EA	22" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	102.26	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1627	EA	22" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	109.03	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1628	EA	22" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	115.81	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1629	EA	22" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	122.58	6.93
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1630	EA	22" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	130.99	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1631	EA	22" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	137.77	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1632	EA	22" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	144.56	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1633	EA	22" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	151.33	7.34
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1634	EA	22" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	159.73	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1635	EA	22" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	166.50	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1636	EA	22" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	173.28	7.74
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1637	EA	22" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	181.68	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1638	EA	22" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	188.47	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1639	EA	22" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	195.24	8.15
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1640		EA	24" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	109.03	6.93
			For Four Beveled Edges, Add	*6.30*	
			For Counter Sink Holes, Add	*5.60*	
			For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1641		EA	24" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	116.41	6.93
			For Four Beveled Edges, Add	*6.30*	
			For Counter Sink Holes, Add	*5.60*	
			For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1642		EA	24" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	123.82	6.93
			For Four Beveled Edges, Add	*6.30*	
			For Counter Sink Holes, Add	*5.60*	
			For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1643		EA	24" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	131.21	6.93
			For Four Beveled Edges, Add	*6.30*	
			For Counter Sink Holes, Add	*5.60*	
			For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1644		EA	24" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	140.24	7.34
			For Four Beveled Edges, Add	*6.30*	
			For Counter Sink Holes, Add	*5.60*	
			For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1645		EA	24" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	147.62	7.34
			For Four Beveled Edges, Add	*6.30*	
			For Counter Sink Holes, Add	*5.60*	
			For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1646		EA	24" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	155.01	7.34
			For Four Beveled Edges, Add	*6.30*	
			For Counter Sink Holes, Add	*5.60*	
			For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1647		EA	24" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	162.42	7.34
			For Four Beveled Edges, Add	*6.30*	
			For Counter Sink Holes, Add	*5.60*	
			For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1648		EA	24" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	171.44	7.74
			For Four Beveled Edges, Add	*6.30*	
			For Counter Sink Holes, Add	*5.60*	
			For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1649		EA	24" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	178.82	7.74
			For Four Beveled Edges, Add	*6.30*	
			For Counter Sink Holes, Add	*5.60*	
			For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1650		EA	24" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	186.22	7.74
			For Four Beveled Edges, Add	*6.30*	
			For Counter Sink Holes, Add	*5.60*	
			For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1651		EA	24" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	195.24	8.15
			For Four Beveled Edges, Add	*6.30*	
			For Counter Sink Holes, Add	*5.60*	
			For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1652		EA	24" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	202.65	8.15
			For Four Beveled Edges, Add	*6.30*	
			For Counter Sink Holes, Add	*5.60*	
			For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1653		EA	24" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	210.03	8.15
			For Four Beveled Edges, Add	*6.30*	
			For Counter Sink Holes, Add	*5.60*	
			For UL Label (Fire Rated), Add	*9.80*	

08 71 16 00-1654 Plastic Kick Plate *(08 71 16 00-0761)*

08 71 16 00-1655 Clear Or Black Finish, Plastic Kick Plate *(08 71 16 00-1654)*

Note: With four beveled edges.

08 71 16 00-1656		EA	8" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	51.24	6.11
08 71 16 00-1657		EA	8" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	53.68	6.11
08 71 16 00-1658		EA	8" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	56.11	6.11
08 71 16 00-1659		EA	8" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	58.54	6.11
08 71 16 00-1660		EA	8" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	62.60	6.52
08 71 16 00-1661		EA	8" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	65.05	6.52
08 71 16 00-1662		EA	8" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	67.47	6.52
08 71 16 00-1663		EA	8" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	69.92	6.52
08 71 16 00-1664		EA	8" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	73.96	6.93
08 71 16 00-1665		EA	8" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	76.41	6.93
08 71 16 00-1666		EA	8" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	78.86	6.93
08 71 16 00-1667		EA	8" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	82.91	7.34
08 71 16 00-1668		EA	8" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	85.35	7.34
08 71 16 00-1669		EA	8" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	87.77	7.34
08 71 16 00-1670		EA	10" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	57.93	6.11
08 71 16 00-1671		EA	10" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	60.97	6.11
08 71 16 00-1672		EA	10" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	64.02	6.11
08 71 16 00-1673		EA	10" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	67.07	6.11
08 71 16 00-1674		EA	10" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	71.73	6.52
08 71 16 00-1675		EA	10" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.78	6.52
08 71 16 00-1676		EA	10" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	77.83	6.52
08 71 16 00-1677		EA	10" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	80.88	6.52
08 71 16 00-1678		EA	10" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	85.54	6.93
08 71 16 00-1679		EA	10" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	88.59	6.93
08 71 16 00-1680		EA	10" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.64	6.93
08 71 16 00-1681		EA	10" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	96.30	7.34
08 71 16 00-1682		EA	10" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	99.35	7.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1683	EA	10" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.40	7.34
08 71 16 00-1684	EA	12" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	64.62	6.11
08 71 16 00-1685	EA	12" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	68.29	6.11
08 71 16 00-1686	EA	12" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	71.94	6.11
08 71 16 00-1687	EA	12" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	75.60	6.11
08 71 16 00-1688	EA	12" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	80.88	6.52
08 71 16 00-1689	EA	12" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	84.51	6.52
08 71 16 00-1690	EA	12" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	88.18	6.52
08 71 16 00-1691	EA	12" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.83	6.52
08 71 16 00-1692	EA	12" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.11	6.93
08 71 16 00-1693	EA	12" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	100.77	6.93
08 71 16 00-1694	EA	12" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	104.41	6.93
08 71 16 00-1695	EA	12" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	109.71	7.34
08 71 16 00-1696	EA	12" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	113.35	7.34
08 71 16 00-1697	EA	12" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	117.00	7.34
08 71 16 00-1698	EA	14" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	72.96	6.52
08 71 16 00-1699	EA	14" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	77.23	6.52
08 71 16 00-1700	EA	14" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	81.49	6.52
08 71 16 00-1701	EA	14" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	85.75	6.52
08 71 16 00-1702	EA	14" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.64	6.93
08 71 16 00-1703	EA	14" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	95.90	6.93
08 71 16 00-1704	EA	14" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	100.16	6.93
08 71 16 00-1705	EA	14" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	104.41	6.93
08 71 16 00-1706	EA	14" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	110.32	7.34
08 71 16 00-1707	EA	14" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	114.58	7.34
08 71 16 00-1708	EA	14" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	118.84	7.34
08 71 16 00-1709	EA	14" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	124.73	7.74
08 71 16 00-1710	EA	14" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	128.98	7.74
08 71 16 00-1711	EA	14" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	133.24	7.74
08 71 16 00-1712	EA	16" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	79.65	6.52
08 71 16 00-1713	EA	16" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	84.51	6.52
08 71 16 00-1714	EA	16" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	89.41	6.52
08 71 16 00-1715	EA	16" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.27	6.52
08 71 16 00-1716	EA	16" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	100.77	6.93
08 71 16 00-1717	EA	16" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	105.64	6.93
08 71 16 00-1718	EA	16" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	110.50	6.93
08 71 16 00-1719	EA	16" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.37	6.93
08 71 16 00-1720	EA	16" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	121.88	7.34
08 71 16 00-1721	EA	16" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	126.74	7.34
08 71 16 00-1722	EA	16" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	131.61	7.34
08 71 16 00-1723	EA	16" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	138.11	7.74
08 71 16 00-1724	EA	16" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	142.99	7.74
08 71 16 00-1725	EA	16" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	147.87	7.74
08 71 16 00-1726	EA	18" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	87.06	6.52
08 71 16 00-1727	EA	18" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.63	6.52
08 71 16 00-1728	EA	18" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	98.15	6.52
08 71 16 00-1729	EA	18" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	103.72	6.52
08 71 16 00-1730	EA	18" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	110.89	6.93
08 71 16 00-1731	EA	18" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	116.41	6.93
08 71 16 00-1732	EA	18" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	121.98	6.93
08 71 16 00-1733	EA	18" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	130.67	6.93
08 71 16 00-1734	EA	18" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	134.70	7.34
08 71 16 00-1735	EA	18" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	140.24	7.34
08 71 16 00-1736	EA	18" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	145.78	7.34
08 71 16 00-1737	EA	18" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	152.96	7.74
08 71 16 00-1738	EA	18" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	158.50	7.74
08 71 16 00-1739	EA	18" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	164.05	7.74
08 71 16 00-1740	EA	20" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	95.49	6.93
08 71 16 00-1741	EA	20" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	101.64	6.93
08 71 16 00-1742	EA	20" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	107.80	6.93
08 71 16 00-1743	EA	20" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	113.96	6.93
08 71 16 00-1744	EA	20" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	121.75	7.34
08 71 16 00-1745	EA	20" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	127.92	7.34
08 71 16 00-1746	EA	20" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	134.07	7.34
08 71 16 00-1747	EA	20" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	140.24	7.34
08 71 16 00-1748	EA	20" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	148.01	7.74
08 71 16 00-1749	EA	20" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	154.19	7.74
08 71 16 00-1750	EA	20" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	160.35	7.74
08 71 16 00-1751	EA	20" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	168.13	8.15
08 71 16 00-1752	EA	20" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	174.30	8.15
08 71 16 00-1753	EA	20" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	180.45	8.15
08 71 16 00-1754	EA	22" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.26	6.93
08 71 16 00-1755	EA	22" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	109.03	6.93
08 71 16 00-1756	EA	22" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.81	6.93
08 71 16 00-1757	EA	22" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	122.58	6.93
08 71 16 00-1758	EA	22" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	130.99	7.34
08 71 16 00-1759	EA	22" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	137.77	7.34
08 71 16 00-1760	EA	22" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	144.56	7.34
08 71 16 00-1761	EA	22" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	151.33	7.34
08 71 16 00-1762	EA	22" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	159.73	7.74
08 71 16 00-1763	EA	22" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	166.50	7.74
08 71 16 00-1764	EA	22" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	173.28	7.74
08 71 16 00-1765	EA	22" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	181.68	8.15
08 71 16 00-1766	EA	22" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	188.47	8.15
08 71 16 00-1767	EA	22" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	195.24	8.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1768	EA	24" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	109.03	6.93
08 71 16 00-1769	EA	24" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	116.41	6.93
08 71 16 00-1770	EA	24" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	123.82	6.93
08 71 16 00-1771	EA	24" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	131.21	6.93
08 71 16 00-1772	EA	24" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	140.24	7.34
08 71 16 00-1773	EA	24" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	147.62	7.34
08 71 16 00-1774	EA	24" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	155.01	7.34
08 71 16 00-1775	EA	24" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	162.42	7.34
08 71 16 00-1776	EA	24" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	171.44	7.74
08 71 16 00-1777	EA	24" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	178.82	7.74
08 71 16 00-1778	EA	24" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	186.22	7.74
08 71 16 00-1779	EA	24" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	195.24	8.15
08 71 16 00-1780	EA	24" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	202.65	8.15
08 71 16 00-1781	EA	24" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	210.03	8.15

08 71 16 00-1782 Mop Plate *(08 71 16 00-0760)*
Note: Ives 8400.

08 71 16 00-1783 Aluminum Base Material Mop Plate *(08 71 16 00-1782)*

08 71 16 00-1784 Satin Aluminum Finish, Aluminum Mop Plate *(08 71 16 00-1783)*

08 71 16 00-1785	EA	4" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	29.74	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1786	EA	4" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	30.29	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1787	EA	4" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	30.83	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1788	EA	4" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	31.39	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1789	EA	4" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	32.92	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1790	EA	4" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	33.46	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1791	EA	4" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	34.01	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1792	EA	4" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	34.55	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1793	EA	4" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	36.50	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1794	EA	4" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	37.04	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1795	EA	4" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	37.59	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1796	EA	4" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	39.76	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1797	EA	4" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	40.32	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1798	EA	4" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	40.86	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1799	EA	6" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	32.75	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1800	EA	6" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	33.57	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1801	EA	6" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	34.40	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1802	EA	6" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	35.22	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1803	EA	6" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	37.03	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1804	EA	6" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	37.84	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1805	EA	6" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	38.68	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1806	EA	6" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	39.48	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1807	EA	6" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	41.70	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1808	EA	6" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	42.52	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1809	EA	6" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	43.35	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1810	EA	6" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	45.80	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1811	EA	6" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	46.63	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1812	EA	6" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	47.44	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 16 00-1813 Brass Base Material Mop Plate *(08 71 16 00-1782)*

08 71 16 00-1814 Bright/Satin Brass Finish, Brass Mop Plate *(08 71 16 00-1813)*

08 71 16 00-1815	EA	4" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	41.31	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1816	EA	4" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	42.93	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1817	EA	4" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	44.52	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1818	EA	4" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	46.13	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1819	EA	4" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	48.70	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1820	EA	4" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	50.30	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1821	EA	4" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	51.91	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1822	EA	4" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	53.50	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1823	EA	4" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	56.50	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1824	EA	4" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	58.09	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1825	EA	4" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	59.69	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1826	EA	4" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	62.93	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1827	EA	4" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	64.52	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1828	EA	4" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	66.14	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1829	EA	6" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	50.13	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1830	EA	6" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	52.52	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1831	EA	6" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	54.93	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1832	EA	6" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	57.32	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1833	EA	6" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	60.71	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1834	EA	6" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	63.12	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1835	EA	6" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	65.50	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1836	EA	6" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	67.92	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1837	EA	6" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	71.69	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1838	EA	6" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	74.11	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1839	EA	6" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	76.51	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1840	EA	6" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	80.54	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1841	EA	6" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	82.94	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1842	EA	6" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	85.33	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 16 00-1843 Bright/Satin Chrome Finish, Brass Mop Plate *(08 71 16 00-1813)*

08 71 16 00-1844	EA	4" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	42.98	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1845	EA	4" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	44.72	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1846	EA	4" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	46.47	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1847	EA	4" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	48.23	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1848	EA	4" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	50.95	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1849	EA	4" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	52.70	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1850	EA	4" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	54.46	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1851	EA	4" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	56.20	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1852	EA	4" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	59.34	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1853	EA	4" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	61.11	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1854	EA	4" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	62.86	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1855	EA	4" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	66.25	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1856	EA	4" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	67.99	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1857	EA	4" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	69.74	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1858	EA	6" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	52.61	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1859	EA	6" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	55.22	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1860	EA	6" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	57.86	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1861	EA	6" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	60.49	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1862	EA	6" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	64.09	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1863	EA	6" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	66.72	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1864	EA	6" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	69.34	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1865	EA	6" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	71.97	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1866	EA	6" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	76.00	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1867	EA	6" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	78.61	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1868	EA	6" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	81.25	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1869	EA	6" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	85.49	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1870	EA	6" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	88.13	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1871	EA	6" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	90.75	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 16 00-1872 Satin/Dark Bronze Finish, Brass Mop Plate *(08 71 16 00-1813)*

08 71 16 00-1873	EA	4" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	43.29	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1874	EA	4" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	45.07	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1875	EA	4" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	46.85	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1876	EA	4" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	48.63	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1877	EA	4" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	51.39	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1878	EA	4" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	53.18	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1879	EA	4" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	54.96	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1880	EA	4" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	56.75	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1881	EA	4" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	59.90	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1882	EA	4" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	61.69	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1883	EA	4" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	63.47	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1884	EA	4" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	66.89	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1885	EA	4" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	68.67	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1886	EA	4" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	70.43	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1887	EA	6" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	53.08	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1888	EA	6" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	55.77	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1889	EA	6" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	58.43	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1890	EA	6" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	386.60	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1891	EA	6" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	64.75	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1892	EA	6" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	67.41	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1893	EA	6" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	70.08	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1894	EA	6" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	72.75	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1895	EA	6" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	76.83	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1896	EA	6" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	79.49	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1897	EA	6" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	82.16	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1898	EA	6" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	86.46	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1899	EA	6" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	89.12	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1900	EA	6" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	91.79	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 16 00-1901 Satin Nickel Finish, Brass Mop Plate *(08 71 16 00-1813)*

08 71 16 00-1902	EA	4" x 22", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	43.67	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1903	EA	4" x 24", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	45.47	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1904	EA	4" x 26", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	47.29	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1905	EA	4" x 28", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	49.11	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1906	EA	4" x 30", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	51.91	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1907	EA	4" x 32", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	53.71	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1908	EA	4" x 34", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	55.53	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1909	EA	4" x 36", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	57.35	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1910	EA	4" x 38", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	60.56	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1911	EA	4" x 40", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	62.37	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1912	EA	4" x 42", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	64.17	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1913	EA	4" x 44", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	67.63	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1914	EA	4" x 46", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	69.45	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1915	EA	4" x 48", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	71.24	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1916	EA	6" x 22", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	53.65	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1917	EA	6" x 24", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	56.37	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1918	EA	6" x 26", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	59.08	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1919	EA	6" x 28", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	61.80	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1920	EA	6" x 30", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	65.50	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1921	EA	6" x 32", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	68.22	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1922	EA	6" x 34", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	70.94	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1923	EA	6" x 36", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	73.67	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1924	EA	6" x 38", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	77.78	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1925	EA	6" x 40", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	80.51	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1926	EA	6" x 42", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	83.23	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1927	EA	6" x 44", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	87.58	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1928	EA	6" x 46", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	90.30	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1929	EA	6" x 48", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	93.03	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 16 00-1930 Stainless Base Material Mop Plate *(08 71 16 00-1782)*

08 71 16 00-1931 Satin Stainless Finish, Stainless Mop Plate *(08 71 16 00-1930)*

08 71 16 00-1932	EA	4" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	30.13	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1933	EA	4" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	30.69	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1934	EA	4" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	31.28	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1935	EA	4" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	31.86	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1936	EA	4" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	33.43	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1937	EA	4" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	34.01	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1938	EA	4" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	34.58	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1939	EA	4" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	35.17	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1940	EA	4" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	37.14	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1941	EA	4" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	37.72	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1942	EA	4" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	38.31	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1943	EA	4" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	40.51	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1944	EA	4" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	41.10	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1945	EA	4" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	41.67	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1946	EA	6" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	33.31	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1947	EA	6" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	34.19	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1948	EA	6" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	35.06	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1949	EA	6" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	35.94	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1950	EA	6" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	37.78	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1951	EA	6" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	38.65	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1952	EA	6" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	39.54	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1953	EA	6" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	40.41	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1954	EA	6" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	42.68	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1955	EA	6" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	43.54	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1956	EA	6" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	44.41	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1957	EA	6" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	46.93	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1958	EA	6" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	47.79	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1959	EA	6" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	48.67	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 16 00-1960 Bright Stainless Finish, Stainless Mop Plate *(08 71 16 00-1930)*

08 71 16 00-1961	EA	4" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	37.95	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1962	EA	4" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	39.25	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1963	EA	4" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	40.55	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1964	EA	4" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	41.83	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1965	EA	4" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	44.11	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1966	EA	4" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	45.41	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1967	EA	4" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	46.71	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1968	EA	4" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	48.01	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1969	EA	4" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	50.68	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1970	EA	4" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	51.98	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1971	EA	4" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	53.29	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1972	EA	4" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	56.21	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1973	EA	4" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	57.51	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1974	EA	4" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	58.79	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1975	EA	6" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	45.07	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1976	EA	6" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	47.03	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1977	EA	6" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	48.97	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1978	EA	6" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	50.92	5.95
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1979	EA	6" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	53.83	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1980	EA	6" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	55.77	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1981	EA	6" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	57.71	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1982	EA	6" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	59.65	6.19
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1983	EA	6" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	63.00	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1984	EA	6" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	64.94	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1985	EA	6" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	66.88	6.52
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1986	EA	6" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	70.46	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1987	EA	6" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	72.39	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 16 00-1988	EA	6" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	74.33	6.93
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 16 00-1989 Plastic Mop Plate *(08 71 16 00-1782)*

08 71 16 00-1990 Clear Or Black Finish, Plastic Mop Plate *(08 71 16 00-1989)*

Note: With four beveled edges.

08 71 16 00-1991	EA	4" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	29.04	5.95
08 71 16 00-1992	EA	4" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	29.53	5.95
08 71 16 00-1993	EA	4" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	30.02	5.95
08 71 16 00-1994	EA	4" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	30.50	5.95
08 71 16 00-1995	EA	4" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	31.97	6.19
08 71 16 00-1996	EA	4" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	32.45	6.19
08 71 16 00-1997	EA	4" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	32.93	6.19
08 71 16 00-1998	EA	4" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	33.43	6.19
08 71 16 00-1999	EA	4" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	35.30	6.52
08 71 16 00-2000	EA	4" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	35.78	6.52
08 71 16 00-2001	EA	4" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	36.26	6.52
08 71 16 00-2002	EA	4" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	38.38	6.93
08 71 16 00-2003	EA	4" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	38.87	6.93
08 71 16 00-2004	EA	4" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	39.35	6.93
08 71 16 00-2005	EA	6" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	31.71	5.95
08 71 16 00-2006	EA	6" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	32.45	5.95
08 71 16 00-2007	EA	6" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	33.17	5.95
08 71 16 00-2008	EA	6" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	33.89	5.95
08 71 16 00-2009	EA	6" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	35.61	6.19
08 71 16 00-2010	EA	6" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	36.33	6.19
08 71 16 00-2011	EA	6" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	37.06	6.19
08 71 16 00-2012	EA	6" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	37.78	6.19
08 71 16 00-2013	EA	6" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	39.91	6.52
08 71 16 00-2014	EA	6" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	40.63	6.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2015	EA	6" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	41.36	6.52
08 71 16 00-2016	EA	6" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	43.72	6.93
08 71 16 00-2017	EA	6" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	44.45	6.93
08 71 16 00-2018	EA	6" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	45.17	6.93
08 71 16 00-2019		**Armor Door Plate** *(08 71 16 00-0760)* Note: Size ranges of 26" to 48" high, 22" to 48" wide. Ives 8400.		
08 71 16 00-2020	SF	4 to 8 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	12.81	1.02
08 71 16 00-2021	SF	>8 to 16 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	11.91	0.80
08 71 16 00-2022	SF	4 to 8 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	14.03	1.02
08 71 16 00-2023	SF	>8 to 16 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	13.13	0.80
08 71 16 00-2024	SF	4 to 8 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	26.26	1.02
08 71 16 00-2025	SF	>8 to 16 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	25.36	0.80
08 71 16 00-2026		**Pull Handle And Plates** *(08 71 16 00-0760)*		
08 71 16 00-2027		**Pull Handle** *(08 71 16 00-2026)*		
08 71 16 00-2028	EA	3/4" Diameter Aluminum Door Pulls, 6" Long	48.39	6.72
		For Stainless Steel, Add	*9.03*	
		For Brass, Add	*12.25*	
08 71 16 00-2029	EA	3/4" Diameter Aluminum Door Pulls, 8" Long	48.39	6.72
		For Stainless Steel, Add	*9.03*	
		For Brass, Add	*12.25*	
08 71 16 00-2030	EA	3/4" Diameter Aluminum Door Pulls, 10" Long	50.52	6.72
		For Stainless Steel, Add	*9.92*	
		For Brass, Add	*13.46*	
08 71 16 00-2031	EA	1" Diameter Aluminum Door Pulls, 8" Long	55.53	6.72
		For Stainless Steel, Add	*12.02*	
		For Brass, Add	*16.32*	
08 71 16 00-2032	EA	1" Diameter Aluminum Door Pulls, 10" Long	58.41	6.72
		For Stainless Steel, Add	*13.23*	
		For Brass, Add	*17.96*	
08 71 16 00-2033	EA	1" Diameter Aluminum Door Pulls, 12" Long	62.20	6.72
		For Stainless Steel, Add	*14.83*	
		For Brass, Add	*20.12*	
08 71 16 00-2034	EA	1" Flattened x 1/2" Round Aluminum Door Pulls, 6" Long	51.02	6.72
		For Stainless Steel, Add	*10.13*	
		For Brass, Add	*13.75*	
08 71 16 00-2035	EA	1" Flattened x 1/2" Round Aluminum Door Pulls, 8" Long	51.02	6.72
		For Stainless Steel, Add	*10.13*	
		For Brass, Add	*13.75*	
08 71 16 00-2036	EA	1" Flattened x 1/2" Round Aluminum Door Pulls, 10" Long	53.41	6.72
		For Stainless Steel, Add	*11.13*	
		For Brass, Add	*15.11*	
08 71 16 00-2037	EA	1" Diameter Stainless Steel Offset Door Pulls, 8" Long	86.27	6.72
		For Polished Stainless Steel, Add	*11.22*	
		For Brass, Add	*10.33*	
08 71 16 00-2038	EA	1" Diameter Stainless Steel Offset Door Pulls, 10" Long	90.14	6.72
		For Polished Stainless Steel, Add	*11.95*	
		For Brass, Add	*11.00*	
08 71 16 00-2039	EA	1" Diameter Stainless Steel Offset Door Pulls, 12" Long	94.02	6.72
		For Polished Stainless Steel, Add	*12.69*	
		For Brass, Add	*11.68*	
08 71 16 00-2040	EA	1" Diameter Stainless Steel Offset Door Pulls, 18" Long	112.08	6.72
		For Polished Stainless Steel, Add	*16.10*	
		For Brass, Add	*14.82*	
08 71 16 00-2041		**Pull Plate** *(08 71 16 00-2026)*		
08 71 16 00-2042	EA	3-1/2" x 15" Aluminum Pull Plate Door Hardware	45.49	5.09
		For Stainless Steel, Add	*14.82*	
		For Brass, Add	*18.84*	
08 71 16 00-2043	EA	6" x 16" Aluminum Pull Plate Door Hardware	48.35	5.09
		For Stainless Steel, Add	*16.51*	
		For Brass, Add	*20.99*	
08 71 16 00-2044	EA	4" x 16" Aluminum Pull Plate Door Hardware	46.36	5.09
		For Stainless Steel, Add	*15.33*	
		For Brass, Add	*19.49*	
08 71 16 00-2045		**Push Bars And Plates** *(08 71 16 00-0760)*		
08 71 16 00-2046		**Push Bars** *(08 71 16 00-2045)*		
08 71 16 00-2047	EA	3/8" x 2-1/2" Bronze Push Bar, Rectangular, With Base Plate Note: Up to 34" wide. All finishes.	166.37	5.09
08 71 16 00-2048	EA	3/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	105.42	5.09
		For Brass Push Bar, Add	*14.80*	
08 71 16 00-2049	EA	1" Diameter Stainless Steel Push Bar, Up To 34" Wide	108.99	5.09
		For Brass Push Bar, Add	*15.42*	
08 71 16 00-2050	EA	1-1/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	197.61	5.09
		For Brass Push Bar, Add	*30.84*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2051		**Push Plates** *(08 71 16 00-2045)*		
08 71 16 00-2052	EA	3" x 12" Aluminum Push Plate Door Hardware	25.76	5.09
		For Stainless Steel Push Plate, Add	*8.35*	
		For Brass Push Plate, Add	*7.82*	
		For Oil Rubbed Bronze Push Plate, Add	*9.38*	
08 71 16 00-2053	EA	4" x 16" Aluminum Push Plate Door Hardware	26.70	5.09
		For Stainless Steel Push Plate, Add	*9.81*	
		For Brass Push Plate, Add	*9.18*	
		For Oil Rubbed Bronze Push Plate, Add	*11.01*	
08 71 16 00-2054	EA	6" x 16" Aluminum Push Plate Door Hardware	28.70	5.09
		For Stainless Steel Push Plate, Add	*12.91*	
		For Brass Push Plate, Add	*12.08*	
		For Oil Rubbed Bronze Push Plate, Add	*14.49*	
08 71 16 00-2055	EA	8" x 16" Aluminum Push Plate Door Hardware	30.38	5.09
		For Stainless Steel Push Plate, Add	*15.52*	
		For Brass Push Plate, Add	*14.51*	
		For Oil Rubbed Bronze Push Plate, Add	*17.42*	
08 71 16 00-2056		**Exit Devices** *(08 71 16)*		
08 71 16 00-2057		**Push Bar Exit Device, Von Duprin Series 22** *(08 71 16 00-2056)*		
		Note: Grade 1, BHMA 156.3.		
08 71 16 00-2058	EA	3' Push Bar Exit Device, Rim Type	504.73	91.69
		Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22.		
		For 4' Push Bar, Add	*13.00*	
08 71 16 00-2059	EA	3' Push Bar Exit Device, Rim Type, Fire Rated	576.83	91.69
		Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22.		
		For 4' Push Bar, Add	*13.00*	
08 71 16 00-2060	EA	3' Push Bar Exit Device, Surface Vertical Rods	735.95	110.02
		Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22.		
		For 4' Push Bar, Add	*13.00*	
08 71 16 00-2061	EA	3' Push Bar Exit Device, Surface Vertical Rods, Fire Rated	882.64	101.88
		Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22.		
		For 4' Push Bar, Add	*13.00*	
08 71 16 00-2062	EA	Dummy Trim, Von Duprin Series 22	72.24	15.28
		Note: Anodized finish: aluminum or dark brown.		
08 71 16 00-2063	EA	Night Latch Trim With Cylinder, Von Duprin Series 22	94.34	20.37
		Note: Anodized finish: aluminum or dark brown.		
08 71 16 00-2064	EA	Knob Trim With Cylinder, Von Duprin Series 22	224.04	30.56
		Note: Anodized finish: aluminum or dark brown.		
08 71 16 00-2065	EA	Lever Trim With Cylinder, Von Duprin Series 22	229.02	30.56
		Note: Anodized finish: aluminum or dark brown.		
08 71 16 00-2066	EA	Thumbpiece Trim With Cylinder, Von Duprin Series 22	222.39	30.56
		Note: Anodized finish: aluminum or dark brown.		
08 71 16 00-2067		**Push Bar Exit Device, Narrow Stile, Von Duprin Series 33/35** *(08 71 16 00-2056)*		
		Note: Grade 1, BHMA 156.3. Series 33 has a ribbed case, Series 35 has a smooth case.		
08 71 16 00-2068	EA	3' Push Bar Exit Device, Rim Type, Narrow Stile	955.57	91.69
		Note: Aluminum anodized finish. Von Duprin Series 33/35.		
		For 4' Push Bar, Add	*13.00*	
		For Anodized Dark Bronze Finish, Add	*72.81*	
		For Dull Chrome Finish, Add	*139.73*	
		For Dull Brass Or Dull Bronze Finish, Add	*27.02*	
		For Polished Brass Or Polished Chrome Finish, Add	*207.63*	
08 71 16 00-2069	EA	3' Push Bar Exit Device, Surface Vertical Rods, Narrow Stile	1,252.26	110.02
		Note: Aluminum anodized finish. Von Duprin Series 33/35.		
		For 4' Push Bar, Add	*13.00*	
		For Anodized Dark Bronze Finish, Add	*98.19*	
		For Dull Chrome Finish, Add	*188.42*	
		For Dull Brass Or Dull Bronze Finish, Add	*36.44*	
		For Polished Brass Or Polished Chrome Finish, Add	*279.99*	
08 71 16 00-2070	EA	3' Push Bar Exit Device, Surface Vertical Rods, Fire Rated, Narrow Stile	1,432.10	110.02
		Note: Aluminum anodized finish. Von Duprin Series 33/35.		
		For 4' Push Bar, Add	*13.00*	
		For Anodized Dark Bronze Finish, Add	*116.60*	
		For Dull Chrome Finish, Add	*223.75*	
		For Dull Brass Or Dull Bronze Finish, Add	*43.27*	
		For Polished Brass Or Polished Chrome Finish, Add	*332.50*	
08 71 16 00-2071	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Narrow Stile	1,307.86	126.33
		Note: Aluminum anodized finish. Von Duprin Series 33/35.		
		For 4' Push Bar, Add	*13.00*	
		For Anodized Dark Bronze Finish, Add	*99.29*	
		For Dull Chrome Finish, Add	*190.53*	
		For Dull Brass Or Dull Bronze Finish, Add	*36.85*	
		For Polished Brass Or Polished Chrome Finish, Add	*283.13*	
08 71 16 00-2072	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Fire Rated, Narrow Stile	1,490.18	126.33
		Note: Aluminum anodized finish. Von Duprin Series 33/35.		
		For 4' Push Bar, Add	*13.00*	
		For Anodized Dark Bronze Finish, Add	*117.96*	
		For Dull Chrome Finish, Add	*226.36*	
		For Dull Brass Or Dull Bronze Finish, Add	*43.77*	
		For Polished Brass Or Polished Chrome Finish, Add	*336.37*	
08 71 16 00-2073	EA	Dummy Trim, Von Duprin Series 33/35	201.53	15.28
		Note: Anodized finish: aluminum or dark brown.		
		For Dull Chrome Finish, Add	*31.59*	
		For Dull Brass Or Dull Bronze Finish, Add	*6.11*	
		For Polished Brass Or Polished Chrome Finish, Add	*46.95*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2074	EA	Night Grip With Cylinder, Von Duprin Series 33/35	341.31	20.37
		Note: Anodized finish: aluminum or dark brown.		
		For Dull Chrome Finish, Add	*55.86*	
		For Dull Brass Or Dull Bronze Finish, Add	*10.80*	
		For Polished Brass Or Polished Chrome Finish, Add	*83.00*	
08 71 16 00-2075	EA	Night Latch With Cylinder, Von Duprin Series 33/35	196.28	20.37
		Note: Anodized finish: aluminum or dark brown.		
		For Dull Chrome Finish, Add	*27.36*	
		For Dull Brass Or Dull Bronze Finish, Add	*5.29*	
		For Polished Brass Or Polished Chrome Finish, Add	*40.66*	
08 71 16 00-2076	EA	Lever Trim With Cylinder, Von Duprin Series 33/35	430.40	30.56
		Note: Anodized finish: aluminum or dark brown.		
		For Dull Chrome Finish, Add	*68.56*	
		For Dull Brass Or Dull Bronze Finish, Add	*13.26*	
		For Polished Brass Or Polished Chrome Finish, Add	*101.88*	
08 71 16 00-2077	EA	Thumbturn Trim With Cylinder, Von Duprin Series 33/35	430.40	30.56
		Note: Anodized finish: aluminum or dark brown.		
		For Dull Chrome Finish, Add	*68.56*	
		For Dull Brass Or Dull Bronze Finish, Add	*13.26*	
		For Polished Brass Or Polished Chrome Finish, Add	*101.88*	
08 71 16 00-2078		**Push Bar Exit Device, Von Duprin Series 98/99** *(08 71 16 00-2056)*		
		Note: Grade 1, BHMA 156.3. Series 98 has a smooth case, Series 99 has a grooved case.		
08 71 16 00-2079	EA	3' Push Bar Exit Device, Rim Type	822.14	91.69
		Note: Aluminum anodized finish. Von Duprin Series 98/99.		
		For 4' Push Bar, Add	*13.00*	
		For Anodized Dark Bronze Finish, Add	*35.24*	
		For Dull Chrome Finish, Add	*56.03*	
		For Dull Brass Or Dull Bronze Finish, Add	*89.53*	
		For Polished Brass Or Polished Chrome Finish, Add	*183.11*	
		For Dull Stainless Steel Finish, Add	*84.91*	
08 71 16 00-2080	EA	3' Push Bar Exit Device, Rim Type, Fire Rated	930.70	91.69
		Note: Aluminum anodized finish. Von Duprin Series 98/99.		
		For 4' Push Bar, Add	*13.00*	
		For Anodized Dark Bronze Finish, Add	*41.86*	
		For Dull Chrome Finish, Add	*66.56*	
		For Dull Brass Or Dull Bronze Finish, Add	*106.36*	
		For Polished Brass Or Polished Chrome Finish, Add	*217.53*	
		For Dull Stainless Steel Finish, Add	*100.87*	
08 71 16 00-2081	EA	3' Push Bar Exit Device, Surface Vertical Rods	1,128.78	110.02
		Note: Aluminum anodized finish. Von Duprin Series 98/99.		
		For 4' Push Bar, Add	*13.00*	
		For Anodized Dark Bronze Finish, Add	*50.96*	
		For Dull Chrome Finish, Add	*81.03*	
		For Dull Brass Or Dull Bronze Finish, Add	*129.48*	
		For Polished Brass Or Polished Chrome Finish, Add	*264.82*	
		For Dull Stainless Steel Finish, Add	*122.80*	
08 71 16 00-2082	EA	3' Push Bar Exit Device, Surface Vertical Rods, Fire Rated	1,280.44	110.02
		Note: Aluminum anodized finish. Von Duprin Series 98/99.		
		For 4' Push Bar, Add	*13.00*	
		For Anodized Dark Bronze Finish, Add	*60.21*	
		For Dull Chrome Finish, Add	*95.74*	
		For Dull Brass Or Dull Bronze Finish, Add	*152.99*	
		For Polished Brass Or Polished Chrome Finish, Add	*312.89*	
		For Dull Stainless Steel Finish, Add	*145.09*	
08 71 16 00-2083	EA	3' Push Bar Exit Device, Concealed Vertical Rods	1,197.63	126.33
		Note: Aluminum anodized finish. Von Duprin Series 98/99.		
		For 4' Push Bar, Add	*13.00*	
		For Anodized Dark Bronze Finish, Add	*79.93*	
		For Dull Chrome Finish, Add	*83.36*	
		For Dull Brass Or Dull Bronze Finish, Add	*133.21*	
		For Polished Brass Or Polished Chrome Finish, Add	*272.43*	
		For Dull Stainless Steel Finish, Add	*126.33*	
08 71 16 00-2084	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Fire Rated	1,351.78	126.33
		Note: Aluminum anodized finish. Von Duprin Series 98/99.		
		For 4' Push Bar, Add	*13.00*	
		For Anodized Dark Bronze Finish, Add	*94.26*	
		For Dull Chrome Finish, Add	*98.32*	
		For Dull Brass Or Dull Bronze Finish, Add	*157.10*	
		For Polished Brass Or Polished Chrome Finish, Add	*321.30*	
		For Dull Stainless Steel Finish, Add	*148.99*	
08 71 16 00-2085	EA	3' Push Bar Exit Device, Mortise Lock	1,119.45	114.10
		Note: Aluminum anodized finish. Von Duprin Series 98/99.		
		For 4' Push Bar, Add	*13.00*	
		For Anodized Dark Bronze Finish, Add	*30.11*	
		For Dull Chrome Finish, Add	*78.94*	
		For Dull Brass Or Dull Bronze Finish, Add	*126.14*	
		For Polished Brass Or Polished Chrome Finish, Add	*257.98*	
		For Dull Stainless Steel Finish, Add	*119.63*	
08 71 16 00-2086	EA	3' Push Bar Exit Device, Mortise Lock, Fire Rated	1,228.85	114.10
		Note: Aluminum anodized finish. Von Duprin Series 98/99.		
		For 4' Push Bar, Add	*13.00*	
		For Anodized Dark Bronze Finish, Add	*34.16*	
		For Dull Chrome Finish, Add	*89.55*	
		For Dull Brass Or Dull Bronze Finish, Add	*143.10*	
		For Polished Brass Or Polished Chrome Finish, Add	*292.66*	
		For Dull Stainless Steel Finish, Add	*135.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2087	EA	3' Push Bar Exit Device, Chexit Delayed Egress	1,788.59	105.95
		Note: Aluminum anodized finish. Von Duprin Series 98/99. Excludes power supply.		
		For 4' Push Bar, Add	*13.00*	
		For Dull Brass Or Dull Bronze Finish, Add	*233.02*	
		For Polished Brass Or Polished Chrome Finish, Add	*476.56*	
		For Anodized Dark Bronze Finish, Add	*55.92*	
		For Dull Chrome Finish, Add	*62.84*	
08 71 16 00-2088	EA	3' Push Bar Exit Device, Chexit Delayed Egress, Fire Rated	1,900.47	105.95
		Note: Aluminum anodized finish. Von Duprin Series 98/99. Excludes power supply.		
		For 4' Push Bar, Add	*13.00*	
		For Dull Brass Or Dull Bronze Finish, Add	*250.36*	
		For Polished Brass Or Polished Chrome Finish, Add	*512.03*	
		For Anodized Dark Bronze Finish, Add	*60.09*	
		For Dull Chrome Finish, Add	*67.52*	
08 71 16 00-2089	EA	3' Push Bar Exit Device, Mortise Chexit Delayed Egress	2,084.12	130.39
		Note: Aluminum anodized finish. Von Duprin Series 98/99. Excludes power supply.		
		For 4' Push Bar, Add	*13.00*	
		For Dull Brass Or Dull Bronze Finish, Add	*268.09*	
		For Polished Brass Or Polished Chrome Finish, Add	*548.28*	
		For Anodized Dark Bronze Finish, Add	*64.34*	
		For Dull Chrome Finish, Add	*72.30*	
08 71 16 00-2090	EA	3' Push Bar Exit Device, Mortise Chexit Delayed Egress, Fire Rated	2,213.41	130.39
		Note: Aluminum anodized finish. Von Duprin Series 98/99. Excludes power supply.		
		For 4' Push Bar, Add	*13.00*	
		For Dull Brass Or Dull Bronze Finish, Add	*288.13*	
		For Polished Brass Or Polished Chrome Finish, Add	*589.27*	
		For Anodized Dark Bronze Finish, Add	*69.15*	
		For Dull Chrome Finish, Add	*77.70*	
08 71 16 00-2091	EA	3' Push Bar Exit Device, Electric Latch Retraction	1,333.61	105.95
		Note: Aluminum anodized finish. Von Duprin Series 98/99. Excludes power supply.		
		For 4' Push Bar, Add	*13.00*	
		For Dull Brass Or Dull Bronze Finish, Add	*162.50*	
		For Polished Brass Or Polished Chrome Finish, Add	*332.33*	
		For Anodized Dark Bronze Finish, Add	*39.00*	
		For Dull Chrome Finish, Add	*60.18*	
08 71 16 00-2092	EA	3' Push Bar Exit Device, Electric Latch Retraction, Fire Rated	1,445.49	105.95
		Note: Aluminum anodized finish. Von Duprin Series 98/99. Excludes power supply.		
		For 4' Push Bar, Add	*13.00*	
		For Dull Brass Or Dull Bronze Finish, Add	*179.84*	
		For Polished Brass Or Polished Chrome Finish, Add	*367.80*	
		For Anodized Dark Bronze Finish, Add	*43.16*	
		For Dull Chrome Finish, Add	*66.60*	
08 71 16 00-2093	EA	3' Push Bar Exit Device, Mortise Electric Latch Retraction	1,639.08	130.39
		Note: Aluminum anodized finish. Von Duprin Series 98/99. Excludes power supply.		
		For 4' Push Bar, Add	*13.00*	
		For Dull Brass Or Dull Bronze Finish, Add	*199.11*	
		For Polished Brass Or Polished Chrome Finish, Add	*407.21*	
		For Anodized Dark Bronze Finish, Add	*47.79*	
		For Dull Chrome Finish, Add	*73.73*	
08 71 16 00-2094	EA	3' Push Bar Exit Device, Mortise Electric Latch Retraction, Fire Rated	1,748.48	130.39
		Note: Aluminum anodized finish. Von Duprin Series 98/99. Excludes power supply.		
		For 4' Push Bar, Add	*13.00*	
		For Dull Brass Or Dull Bronze Finish, Add	*216.06*	
		For Polished Brass Or Polished Chrome Finish, Add	*441.89*	
		For Anodized Dark Bronze Finish, Add	*51.86*	
		For Dull Chrome Finish, Add	*80.01*	
08 71 16 00-2095	EA	Dummy Trim, Von Duprin Series 98/99	165.06	15.28
		Note: Anodized finish: aluminum or dark brown.		
		For Dull Chrome Finish, Deduct	*-6.84*	
		For Dull Brass Or Dull Bronze Finish, Add	*11.81*	
		For Polished Brass Or Polished Chrome Finish, Add	*30.83*	
08 71 16 00-2096	EA	Night Pull Trim With Cylinder, Von Duprin Series 98/99	185.51	20.37
		Note: Anodized finish: aluminum or dark brown.		
		For Dull Chrome Finish, Deduct	*-7.07*	
		For Dull Brass Or Dull Bronze Finish, Add	*12.20*	
		For Polished Brass Or Polished Chrome Finish, Add	*31.86*	
08 71 16 00-2097	EA	Lever Trim With Cylinder, Von Duprin Series 98/99	368.25	30.56
		Note: Anodized finish: aluminum or dark brown.		
		For Dull Chrome Finish, Deduct	*-15.77*	
		For Dull Brass Or Dull Bronze Finish, Add	*27.24*	
		For Polished Brass Or Polished Chrome Finish, Add	*71.11*	
08 71 16 00-2098	EA	Lever Trim Without Cylinder, Von Duprin Series 98/99	304.43	30.56
		Note: Anodized finish: aluminum or dark brown.		
		For Dull Chrome Finish, Deduct	*-12.26*	
		For Dull Brass Or Dull Bronze Finish, Add	*21.18*	
		For Polished Brass Or Polished Chrome Finish, Add	*55.29*	
08 71 16 00-2099	EA	Knob Trim With Cylinder, Von Duprin Series 98/99	291.17	30.56
		Note: Anodized finish: aluminum or dark brown.		
		For Dull Chrome Finish, Deduct	*-11.53*	
		For Dull Brass Or Dull Bronze Finish, Add	*19.92*	
		For Polished Brass Or Polished Chrome Finish, Add	*52.00*	
08 71 16 00-2100	EA	Knob Trim Without Cylinder, Von Duprin Series 98/99	244.76	30.56
		Note: Anodized finish: aluminum or dark brown.		
		For Dull Chrome Finish, Deduct	*-8.98*	
		For Dull Brass Or Dull Bronze Finish, Add	*15.51*	
		For Polished Brass Or Polished Chrome Finish, Add	*40.49*	
08 71 16 00-2101	EA	Thumbpiece Trim With Cylinder, Von Duprin Series 98/99	253.05	30.56
		Note: Anodized finish: aluminum or dark brown.		
		For Dull Chrome Finish, Deduct	*-9.44*	
		For Dull Brass Or Dull Bronze Finish, Add	*16.30*	
		For Polished Brass Or Polished Chrome Finish, Add	*42.54*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2102	EA	Thumbpiece Trim Without Cylinder, Von Duprin Series 98/99 Note: Anodized finish: aluminum or dark brown.	218.24	30.56
		For Dull Chrome Finish, Deduct	*-7.52*	
		For Dull Brass Or Dull Bronze Finish, Add	*12.99*	
		For Polished Brass Or Polished Chrome Finish, Add	*33.91*	
08 71 16 00-2103	EA	Push/Pull Latch Trim With Cylinder, Von Duprin Series 98/99 (Hospital Latch) Note: Anodized finish: aluminum or dark brown.	466.87	30.56
		For Dull Chrome Finish, Deduct	*-21.20*	
		For Dull Brass Or Dull Bronze Finish, Add	*36.61*	
		For Polished Brass Or Polished Chrome Finish, Add	*95.57*	

08 71 16 00-2104 Option And Kits For Series 22, 33, 35, 98 Or 99 *(08 71 16 00-2056)*

08 71 16 00-2105	EA	Alarm Kit With Switch And 9 Volt Battery Back-up	598.64	30.56
08 71 16 00-2106	EA	Power Supply For Chexit Or Electric Latch Devices (Von Duprin PS914) Note: 4A@12VDC 2A@24VDC.	478.60	30.56
		For Battery Backup (Includes Board And 2 Batteries), Add	*63.18*	
		For Fire Alarm Interface, Add	*31.59*	
		For 2 Relay Panic Device Control Board, Add	*91.61*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*107.40*	
		For 4 Relay Output Board, Add	*88.45*	
		For 4 Relay Logic Board, Add	*242.59*	
		For Fused 8 Zone Distribution Board, Add	*31.59*	

08 71 16 00-2107 Cross Bar Exit Device, Narrow Stile, Von Duprin Series 55 *(08 71 16 00-2056)*

Note: Grade 1, BHMA 156.3.

08 71 16 00-2108	EA	42" Crossbar Exit Device, Rim Type, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 55.	1,171.04	91.69
		For Dull Chrome Finish, Add	*116.74*	
		For Oil Rubbed Finish, Add	*134.35*	
		For Polished Brass Or Chrome Finish, Add	*176.97*	
		For Polished Stainless Steel Finish, Add	*192.72*	
08 71 16 00-2109	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 55.	1,501.78	126.33
		For Dull Chrome Finish, Add	*146.61*	
		For Oil Rubbed Finish, Add	*168.72*	
		For Polished Brass Or Chrome Finish, Add	*222.24*	
		For Polished Stainless Steel Finish, Add	*242.02*	
08 71 16 00-2110	EA	Dummy Trim Pull Bracket, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze.	237.99	15.28
		For Dull Chrome Finish, Add	*24.85*	
		For Oil Rubbed Finish, Add	*28.60*	
		For Polished Brass Or Chrome Finish, Add	*37.67*	
		For Polished Stainless Steel Finish, Add	*41.03*	
08 71 16 00-2111	EA	Cylinder Assembly, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze.	111.75	21.60
		For Dull Chrome Finish, Add	*6.89*	
		For Oil Rubbed Finish, Add	*7.93*	
		For Polished Brass Or Chrome Finish, Add	*10.45*	
		For Polished Stainless Steel Finish, Add	*11.38*	
08 71 16 00-2112	EA	Cylinder With Pull Bracket, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze.	202.08	21.60
		For Dull Chrome Finish, Add	*18.27*	
		For Oil Rubbed Finish, Add	*21.03*	
		For Polished Brass Or Chrome Finish, Add	*27.70*	
		For Polished Stainless Steel Finish, Add	*30.17*	
08 71 16 00-2113	EA	Thumbturn Trim With Cylinder, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze.	382.34	30.56
		For Dull Chrome Finish, Add	*37.91*	
		For Oil Rubbed Finish, Add	*43.62*	
		For Polished Brass Or Chrome Finish, Add	*57.46*	
		For Polished Stainless Steel Finish, Add	*62.57*	
08 71 16 00-2114	EA	Thumbturn Trim Without Cylinder, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze.	361.62	30.56
		For Dull Chrome Finish, Add	*35.30*	
		For Oil Rubbed Finish, Add	*40.62*	
		For Polished Brass Or Chrome Finish, Add	*53.50*	
		For Polished Stainless Steel Finish, Add	*58.26*	
08 71 16 00-2115	EA	Lever Trim With Cylinder, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze.	400.57	30.56
		For Dull Chrome Finish, Add	*40.20*	
		For Oil Rubbed Finish, Add	*46.27*	
		For Polished Brass Or Chrome Finish, Add	*60.94*	
		For Polished Stainless Steel Finish, Add	*66.37*	
08 71 16 00-2116	EA	Knob Trim With Cylinder, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze.	388.14	30.56
		For Dull Chrome Finish, Add	*38.64*	
		For Oil Rubbed Finish, Add	*44.46*	
		For Polished Brass Or Chrome Finish, Add	*58.57*	
		For Polished Stainless Steel Finish, Add	*63.78*	

08 71 16 00-2117 Cross Bar Exit Device, Von Duprin Series 88 *(08 71 16 00-2056)*

Note: Grade 1, BHMA 156.3.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2118	EA	42" Crossbar Exit Device, Rim Type	919.93	91.69
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.		
		For Dull Chrome Finish, Add	*20.94*	
		For Oil Rubbed Finish, Add	*21.61*	
		For Polished Brass Finish, Add	*184.39*	
		For Polished Stainless Steel Finish, Add	*184.39*	
08 71 16 00-2119	EA	42" Crossbar Exit Device, Rim Type, Fire Rated	1,108.06	91.69
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.		
		For Dull Chrome Finish, Add	*26.77*	
		For Oil Rubbed Finish, Add	*27.63*	
		For Polished Brass Finish, Add	*235.75*	
		For Polished Stainless Steel Finish, Add	*235.75*	
08 71 16 00-2120	EA	42" Crossbar Exit Device, Surface Vertical Rods	1,244.80	110.02
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.		
		For Dull Chrome Finish, Add	*29.49*	
		For Oil Rubbed Finish, Add	*30.44*	
		For Polished Brass Finish, Add	*259.73*	
		For Polished Stainless Steel Finish, Add	*259.73*	
08 71 16 00-2121	EA	42" Crossbar Exit Device, Surface Vertical Rods, Fire Rated	1,616.91	110.02
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.		
		For Dull Chrome Finish, Add	*41.03*	
		For Oil Rubbed Finish, Add	*42.35*	
		For Polished Brass Finish, Add	*361.32*	
		For Polished Stainless Steel Finish, Add	*361.32*	
08 71 16 00-2122	EA	42" Crossbar Exit Device, Concealed Vertical Rods	1,299.57	126.33
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.		
		For Dull Chrome Finish, Add	*29.80*	
		For Oil Rubbed Finish, Add	*30.76*	
		For Polished Brass Finish, Add	*262.45*	
		For Polished Stainless Steel Finish, Add	*262.45*	
08 71 16 00-2123	EA	42" Crossbar Exit Device, Concealed Vertical Rods, Fire Rated	1,676.65	126.33
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.		
		For Dull Chrome Finish, Add	*41.49*	
		For Oil Rubbed Finish, Add	*42.83*	
		For Polished Brass Finish, Add	*365.39*	
		For Polished Stainless Steel Finish, Add	*365.39*	
08 71 16 00-2124	EA	42" Crossbar Exit Device, Mortise Lock	1,198.18	114.10
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.		
		For Dull Chrome Finish, Add	*27.67*	
		For Oil Rubbed Finish, Add	*28.56*	
		For Polished Brass Finish, Add	*243.67*	
		For Polished Stainless Steel Finish, Add	*243.67*	
08 71 16 00-2125	EA	42" Crossbar Exit Device, Mortise Lock, Fire Rated	1,285.20	114.10
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.		
		For Dull Chrome Finish, Add	*30.37*	
		For Oil Rubbed Finish, Add	*31.35*	
		For Polished Brass Finish, Add	*267.43*	
		For Polished Stainless Steel Finish, Add	*267.43*	
08 71 16 00-2126	EA	Dummy Trim, Von Duprin Series 88	1,003.76	15.28
		Note: Anodized finish: dull brass or dull bronze.		
		For Dull Chrome Finish, Add	*29.85*	
		For Oil Rubbed Finish, Add	*30.82*	
		For Polished Brass Finish, Add	*262.90*	
		For Polished Stainless Steel Finish, Add	*262.90*	
08 71 16 00-2127	EA	Night Pull Trim With Cylinder, Von Duprin Series 88	979.45	20.37
		Note: Anodized finish: dull brass or dull bronze.		
		For Dull Chrome Finish, Add	*28.59*	
		For Oil Rubbed Finish, Add	*29.52*	
		For Polished Brass Finish, Add	*251.82*	
		For Polished Stainless Steel Finish, Add	*251.82*	
08 71 16 00-2128	EA	Thumbturn Trim With Cylinder, Von Duprin Series 88	1,167.16	30.56
		Note: Anodized finish: dull brass or dull bronze.		
		For Dull Chrome Finish, Add	*33.66*	
		For Oil Rubbed Finish, Add	*34.74*	
		For Polished Brass Finish, Add	*296.39*	
		For Polished Stainless Steel Finish, Add	*296.39*	
08 71 16 00-2129	EA	Lever Trim With Cylinder, Von Duprin Series 88	1,237.61	30.56
		Note: Anodized finish: dull brass or dull bronze.		
		For Dull Chrome Finish, Add	*35.84*	
		For Oil Rubbed Finish, Add	*37.00*	
		For Polished Brass Finish, Add	*315.62*	
		For Polished Stainless Steel Finish, Add	*315.62*	
08 71 16 00-2130	EA	Knob Trim With Cylinder, Von Duprin Series 88	1,080.97	30.56
		Note: Anodized finish: dull brass or dull bronze.		
		For Dull Chrome Finish, Add	*30.98*	
		For Oil Rubbed Finish, Add	*31.98*	
		For Polished Brass Finish, Add	*272.86*	
		For Polished Stainless Steel Finish, Add	*272.86*	
08 71 16 00-2131	EA	Thumbpiece Trim With Cylinder, Von Duprin Series 88	1,057.77	30.56
		Note: Anodized finish: dull brass or dull bronze.		
		For Dull Chrome Finish, Add	*30.26*	
		For Oil Rubbed Finish, Add	*31.24*	
		For Polished Brass Finish, Add	*266.52*	
		For Polished Stainless Steel Finish, Add	*266.52*	

08 71 16 00-2132 Push Bar Exit Device, Narrow Stile, Adams Rite Series 8800 *(08 71 16 00-2056)*

Note: Grade 1, BHMA 156.3.

08 71 16 00-2133	EA	30" to 48" Push Bar Exit Device, Rim Type, Narrow Stile	736.65	91.69
		Note: Adams Rite 8800		
08 71 16 00-2134	EA	Clutch Lever Entry Trim, Adams Rite Model 3081	429.36	30.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2135	EA	Clutch Lever Entry Trim, Adams Rite Model 3082 Or 3083	371.89	30.56
08 71 16 00-2136	EA	Thumbturn Trim, Adams Rite Model 8066	283.46	30.56
08 71 16 00-2137	EA	Mortise Cylinder, Adams Rite Model 4036-01	55.11	30.56
08 71 16 00-2138	EA	Rim Cylinder, Adams Rite Model 8736	60.67	30.56

08 71 16 00-2139 Door Closers *(08 71 16)*

08 71 16 00-2140	EA	Surface Mounted Standard Duty Door Closer - LCN 1460 Series	306.22	23.63
		For Delayed Action, Add	*12.60*	
		For AVB (5# Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
		For Parallel Arm, Add	*22.40*	
08 71 16 00-2141	EA	Surface Mounted Heavy Duty Door Closer - LCN 4040 Series	360.57	23.63
		For Delayed Action, Add	*12.60*	
		For AVB (5# Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 16 00-2142	EA	Surface Mounted Heavy Duty Door Closer - LCN 4040/4041 Series	353.29	23.63
		For Delayed Action, Add	*12.60*	
		For AVB (5# Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
		For Spring Cushion, Add	*67.20*	
		For Parallel Arm, Add	*22.40*	
		For Stainless Steel Finish, Add	*145.00*	
08 71 16 00-2143	EA	Surface Mounted High Security Door Closer - LCN 4510 Series	289.78	23.63
		For Delayed Action, Add	*12.60*	
		For AVB (5# Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 16 00-2144	EA	Overhead Concealed Door Closer - LCN 5010 Series	424.89	28.53
		For Delayed Action, Add	*12.60*	
		For AVB (5# Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 16 00-2145	EA	Floor Concealed Door Closer, Non Hold Open - Rixson	947.25	70.09
08 71 16 00-2146	EA	Floor Concealed Door Closer, Selective Hold Open - Rixson	993.45	70.09
08 71 16 00-2147	EA	Surface Mounted Standard Duty Door Closer - Norton 8301	265.94	23.63
		For Parallel Arm, Add	*22.40*	
08 71 16 00-2148	EA	Surface Mounted Standard Duty Door Closer - Norton 8501	247.02	23.63
		For Parallel Arm, Add	*22.40*	

08 71 16 00-2149 Locks And Latches *(08 71 16)*

Note: All locksets are supplied with knob, lever or thumb piece, set of 3 keys and include construction cores. Multi purchase locksets are keyed alike and to the existing master key. The cost for boring hole or preparing mortise is included with the new door.

08 71 16 00-2150 Locksmith Services *(08 71 16 00-2149)*

08 71 16 00-2151	EA	Provide Extra Keys (Above The Three Provided For New Locks) Or Duplicate Keys	1.13	
		For >50, Deduct	*-0.23*	
08 71 16 00-2152	EA	Rekey Existing Cylinder To Match Existing Cylinders Or Master Key	97.84	
		For >5, Deduct	*-9.78*	
08 71 16 00-2153	EA	Replace Cylinder With Owner Supplied Cylinder	97.84	
		For >5, Deduct	*-9.78*	
08 71 16 00-2154	EA	Replace Cylinder With New Cylinder	106.34	
		For >5, Deduct	*-9.78*	
08 71 16 00-2155	EA	Open Locked Doors	97.84	
08 71 16 00-2156	EA	Install Owner Furnished Cores And Cylinders	41.08	

08 71 16 00-2157 Mortise Locksets And Latchsets *(08 71 16 00-2149)*

Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs.

08 71 16 00-2158	EA	Passage/Closet F01 Mortise Latchset Note: Both sides always unlocked.	334.48	20.37
		For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	*8.35*	
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*7.59*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*12.65*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*89.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2159	EA	Bath/Bedroom Privacy F02 Mortise Lockset	390.69	20.37
		Note: Locked with thumb knob inside.		
		For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	*10.20*	
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*9.28*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*15.46*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*109.14*	
08 71 16 00-2160	EA	Entrance/Office F04 Mortise Lockset	430.45	20.37
		Note: Locked with key outside and thumb knob inside.		
		For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	*11.52*	
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*10.47*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*17.45*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*123.18*	
08 71 16 00-2161	EA	Classroom F05 Mortise Lockset	404.33	20.37
		Note: Locked with key outside. Inside always unlocked.		
		For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	*10.65*	
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*9.68*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*16.14*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*113.96*	
		For Security Function (Double Cylinder) With Visual Indicator, Add	*37.40*	
08 71 16 00-2162	EA	Storeroom/Closet F07 Mortise Lockset	404.33	20.37
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	*10.65*	
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*9.68*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*16.14*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*113.96*	
08 71 16 00-2163	EA	Entrance F08 Mortise Lockset	447.10	20.37
		Note: Locked with key outside and thumb knob inside.		
		For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	*12.06*	
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*10.97*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*18.28*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*129.06*	
08 71 16 00-2164	EA	Dormitory/Exit F13 Mortise Lockset	390.30	20.37
		Note: Locked with key outside and thumb knob inside.		
		For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	*10.19*	
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*9.26*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*15.44*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*109.01*	
08 71 16 00-2165		Locks And Latches *(08 71 16 00-2149)*		
08 71 16 00-2166		Preassembled Locks And Latches *(08 71 16 00-2165)*		
		Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989 Grade 1, with knob handles.		
08 71 16 00-2167	EA	Passage/Closet F36 Pre-Assembled Latchset	557.90	20.37
		Note: Both sides always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*14.29*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*23.82*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*168.17*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*88.61*	
		For Grade 2 With Lever Handles, Deduct	*-185.32*	
		For Grade 2 With Knobs, Deduct	*-319.19*	
08 71 16 00-2168	EA	Bath/Bedroom Privacy F37 Pre-Assembled Lockset	599.55	20.37
		Note: Locked with push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*15.54*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*25.90*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*182.87*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*96.36*	
		For Grade 2 With Lever Handles, Deduct	*-201.52*	
		For Grade 2 With Knobs, Deduct	*-347.09*	
08 71 16 00-2169	EA	Entrance/Office F41 Pre-Assembled Lockset	674.23	20.37
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*17.78*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*29.64*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*209.23*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*110.25*	
		For Grade 2 With Lever Handles, Deduct	*-230.57*	
		For Grade 2 With Knobs, Deduct	*-397.13*	
08 71 16 00-2170	EA	Classroom F42 Pre-Assembled Lockset	674.23	20.37
		Note: Locked with key outside. Inside always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*17.78*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*29.64*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*209.23*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*110.25*	
		For Grade 2 With Lever Handles, Deduct	*-230.57*	
		For Grade 2 With Knobs, Deduct	*-397.13*	
08 71 16 00-2171	EA	Storeroom/Closet F44 Pre-Assembled Lockset	674.23	20.37
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*17.78*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*29.64*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*209.23*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*110.25*	
		For Grade 2 With Lever Handles, Deduct	*-230.57*	
		For Grade 2 With Knobs, Deduct	*-397.13*	
08 71 16 00-2172		Bored Locks And Latches *(08 71 16 00-2165)*		
		Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pins or 7 pins. Levers or knobs.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2173	EA	Passage/Closet F75 Bored Latchset	193.36	20.37
		Note: Both sides always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*3.36*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*5.59*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*39.49*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*20.81*	
		For Grade 2, Deduct	*-5.59*	
		For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	*2.24*	
		For Interchangeable Core, Add	*9.45*	
08 71 16 00-2174	EA	Bath/Bedroom Privacy F76 Bored Lockset	220.04	20.37
		Note: Locked with push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*4.16*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*6.93*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*48.90*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*25.77*	
		For Grade 2, Deduct	*-6.93*	
		For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	*2.77*	
		For Interchangeable Core, Add	*9.45*	
08 71 16 00-2175	EA	Entrance/Office F82 Bored Lockset	241.54	20.37
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*4.80*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*8.00*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*56.49*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*29.77*	
		For Grade 2, Deduct	*-8.00*	
		For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	*3.20*	
		For Interchangeable Core, Add	*9.45*	
08 71 16 00-2176	EA	Classroom F84 Bored Lockset	241.54	20.37
		Note: Locked with key outside. Inside always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*4.80*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*8.00*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*56.49*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*29.77*	
		For Grade 2, Deduct	*-8.00*	
		For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	*3.20*	
		For Interchangeable Core, Add	*9.45*	
08 71 16 00-2177	EA	Storeroom/Closet F86 Bored Lockset	241.54	20.37
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*4.80*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*8.00*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*56.49*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*29.77*	
		For Grade 2, Deduct	*-8.00*	
		For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	*3.20*	
		For Interchangeable Core, Add	*9.45*	
08 71 16 00-2178	EA	Corridor/Dormitory F90 Bored Lockset	241.54	20.37
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*4.80*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*8.00*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*56.49*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*29.77*	
		For Grade 2, Deduct	*-8.00*	
		For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	*3.20*	
		For Interchangeable Core, Add	*9.45*	
08 71 16 00-2179		**Hospital Locksets** *(08 71 16 00-2165)*		
		Note: Satin chrome plated US 26D. (BHMA 626) - BHMA 156.2-1989 Grade 1.		
08 71 16 00-2180	EA	Push/Pull Hospital Latch (Glynn Johnson HL6)	289.96	20.37
		For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	*54.49*	
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*54.49*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*37.19*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*32.87*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*50.17*	
08 71 16 00-2181	EA	Push/Pull With Thumbturn Hospital Latch (Glynn Johnson PL7 / PL8)	354.83	20.37
		For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	*54.49*	
		For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	*54.49*	
		For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	*37.19*	
		For Satin Stainless Steel, US 32D (BHMA 630), Add	*32.87*	
		For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	*50.17*	
08 71 16 00-2182		**Other Locks** *(08 71 16 00-2149)*		
		Note: BHMA A156.5.		
08 71 16 00-2183	EA	Steel Exit Lock With Alarm, Single Door Satin Chrome Plated, BHMA E0421	635.47	105.95
08 71 16 00-2184	EA	Exit Lock With Alarm At Active Leaf And Vertical Rod - Inactive Leaf Rod For Inactive Leaf (Pair Doors) Steel With Satin Chrome Plating BHMA - E0461	1,422.93	211.89
08 71 16 00-2185		**Push Button Combination Locks** *(08 71 16 00-2149)*		
		Note: Satin chrome or antique brass finish.		
08 71 16 00-2186	EA	Five Button Standard Access Control, Knob	537.66	51.36
08 71 16 00-2187	EA	Five Button Standard Access Control, Lever	609.41	51.36
08 71 16 00-2188	EA	Five Button Standard Access Control, Knob And Key Override	558.66	51.36
08 71 16 00-2189	EA	Five Button Standard Access Control, Lever And Key Override	597.41	51.36
08 71 16 00-2190	EA	Five Button Standard Access Control, Knob And Thumb Or Passage Set	538.41	51.36
08 71 16 00-2191	EA	Twelve Button Standard Access Control, Knob And Key Override	675.41	51.36
08 71 16 00-2192	EA	Twelve Button Standard Access Control, Lever And Key Override	645.41	51.36

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2193		**Residential Locks And Latchsets** *(08 71 16 00-2149)*		
08 71 16 00-2194	EA	Residential Entry Lockset With Knobs (Master Keyed)	57.06	12.33
08 71 16 00-2195	EA	Residential Privacy Lockset With Knobs	56.18	12.33
08 71 16 00-2196	EA	Residential Passage Lockset With Knobs	56.07	12.33
08 71 16 00-2197	EA	Residential Dummy Lockset With Knobs	45.09	10.28
08 71 16 00-2198	EA	Residential Entry Lockset With Levers (Master Keyed)	63.08	12.33
08 71 16 00-2199	EA	Residential Privacy Lockset With Levers	61.08	12.33
08 71 16 00-2200	EA	Residential Passage Lockset With Levers	59.63	12.33
08 71 16 00-2201	EA	Residential Dummy Lockset With Levers	45.78	10.28
08 71 16 00-2202	EA	Screen Door - Closer	32.83	8.87
08 71 16 00-2203	EA	Screen Door - Locking Handle	37.84	12.73
08 71 16 00-2204		**Deadbolts** *(08 71 16 00-2149)*		
08 71 16 00-2205		**Cylindrical Deadbolts, Grade 1, ANSI 156.5** *(08 71 16 00-2204)*		
		Note: 2-3/8" or 2-3/4" backset.		
08 71 16 00-2206	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side	126.40	20.37
		Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.		
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 16 00-2207	EA	Double Cylinder Deadbolt, Key Both Sides	142.60	20.37
		Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.		
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 16 00-2208		**Cylindrical Deadbolts, Grade 2, ANSI 156.5** *(08 71 16 00-2204)*		
		Note: 2-3/8" or 2-3/4" backset.		
08 71 16 00-2209	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side	115.30	20.37
		Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.		
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 16 00-2210	EA	Double Cylinder Deadbolt, Key Both Sides	133.00	20.37
		Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.		
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 16 00-2211		**Small Case Mortised Deadbolts, Grade 1, ANSI 156.5** *(08 71 16 00-2204)*		
		Note: Interchangeable cores with small case size, 4-1/2" x 3-1/2" nominal.		
08 71 16 00-2212	EA	Small Case Mortised Deadbolt, Key One Side, Knob One Side	163.10	20.37
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).		
08 71 16 00-2213	EA	Small Case Mortised Deadbolt, Key Both Sides	178.10	20.37
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). Also used for Classroom version.		
08 71 16 00-2214	EA	Small Case Mortised Deadbolt, Key One Side, Cover Plate One Side	160.10	20.37
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).		
08 71 16 00-2215		**Mortised Deadbolts, Grade 1, ANSI 156.5** *(08 71 16 00-2204)*		
		Note: Interchangeable cores with standard case size, 4-1/2" x 6" nominal.		
08 71 16 00-2216	EA	Mortised Deadbolt, Key One Side, Knob One Side	203.90	20.37
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).		
08 71 16 00-2217	EA	Mortised Deadbolt, Key Both Sides	228.50	20.37
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). Also used for Classroom version.		
08 71 16 00-2218	EA	Mortised Deadbolt, Key One Side, Cover Plate One Side	182.90	20.37
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).		
08 71 16 00-2219		**Surface Mounted Deadbolts** *(08 71 16 00-2204)*		
08 71 16 00-2220	EA	Single Cylinder Surface Mounted Deadbolt	91.13	20.37
		Note: Key one side, knob one side, bright brass finish.		
		For Brushed Chrome Finish, Add	*10.50*	
08 71 16 00-2221	EA	Double Cylinder Surface Mounted Deadbolt	101.97	20.37
		Note: Key both sides, bright brass finish.		
		For Brushed Chrome Finish, Add	*10.50*	
08 71 16 00-2222	EA	Single Cylinder Surface Mounted Interlocking Deadbolt	110.59	20.37
		Note: Jimmy proof, key one side, knob one side, bright brass finish.		
		For Brushed Chrome Finish, Add	*10.50*	
08 71 16 00-2223	EA	Double Cylinder Surface Mounted Interlocking Deadbolt	121.43	20.37
		Note: Jimmy proof, key both sides, bright brass finish.		
		For Brushed Chrome Finish, Add	*10.50*	
08 71 16 00-2224		**Surface Mounted Deadlatches** *(08 71 16 00-2149)*		
08 71 16 00-2225	EA	Single Cylinder Surface Mounted Deadlatch	91.98	20.37
		Note: Key one side, knob one side, bright brass finish.		
		For Brushed Chrome Finish, Add	*10.50*	
08 71 16 00-2226	EA	Single Cylinder Surface Mounted Interlocking Deadlatch	110.63	20.37
		Note: Jimmy proof, key one side, knob one side, bright brass finish.		
		For Brushed Chrome Finish, Add	*10.50*	
08 71 16 00-2227		**Electric Strikes** *(08 71 16 00-2149)*		
08 71 16 00-2228	EA	Aluminum/Steel Body Electric Strike (Von Duprin 5100)	229.32	40.75
08 71 16 00-2229	EA	Stainless Steel Body Electric Strike For Rim Mounted Lock (Von Duprin 6112)	475.11	40.75
08 71 16 00-2230	EA	Stainless Steel Body Electric Strike (Von Duprin 6215)	500.14	40.75
08 71 16 00-2231	EA	Dual Voltage Electric Strike, Stainless Steel Body, 12/24 Volts DC, 3070# Static Strength (HES 1006)	358.45	40.75
08 71 16 00-2232	EA	Fire Rated Electric Strike, Stainless Steel Body, 12/24 Volts DC, 3000# Static Strength (HES 4500)	356.50	40.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2233	EA	Low Profile Electric Strike, Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 5000)	188.92	40.75
08 71 16 00-2234	EA	Adjustable Electric Strike, Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 5200)	188.92	40.75
08 71 16 00-2235	EA	Electric Strike With Preload, Stainless Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 7000)	234.44	40.75
08 71 16 00-2236	EA	Cylindrical Lock Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 7500)	395.43	40.75
08 71 16 00-2237	EA	Compact Concealed Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 8000)	210.00	40.75
08 71 16 00-2238	EA	Fire Rated Compact Concealed Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 8300)	365.69	40.75
08 71 16 00-2239	EA	Fire Rated Concealed Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 8500)	326.45	40.75
08 71 16 00-2240	EA	Slim Line Surface Mounted Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 9400)	391.43	53.79
08 71 16 00-2241	EA	Fire Rated Surface Mounted Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 9500)	440.37	53.79
08 71 16 00-2242	EA	Surface Mounted Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 9600)	391.69	53.79

08 71 16 00-2243 Electric Hardware *(08 71 16 00-2149)*

08 71 16 00-2244	EA	Electrified Cylindrical Lock Option Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	111.17	
08 71 16 00-2245	EA	Electrified Mortise Lock Option Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	127.53	
08 71 16 00-2246	EA	24" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	71.66	20.37
08 71 16 00-2247	EA	1 Amp At 12/24 VDC Door Hardware Power Supply	210.49	20.37
08 71 16 00-2248	EA	3 Amp At 12 VDC, 2 Amp At 24 VDC Door Hardware Power Supply	356.83	20.37
08 71 16 00-2249	EA	4.5 Amp At 12 VDC, 3 Amp At 24 VDC Door Hardware Power Supply	540.15	20.37
08 71 16 00-2250	EA	6 Amp At 12 VDC, 4 Amp At 24 VDC Door Hardware Power Supply	596.15	20.37
08 71 16 00-2251	EA	9 Amp At 12 VDC, 6 Amp At 24 VDC Door Hardware Power Supply	709.77	20.37
08 71 16 00-2252	EA	15 Amp At 12 VDC, 10 Amp At 24 VDC Door Hardware Power Supply	858.23	20.37
08 71 16 00-2253	EA	18" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	62.14	20.37
08 71 16 00-2254	EA	24" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	63.26	20.37
08 71 16 00-2255	EA	30" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	70.15	20.37
08 71 16 00-2256	EA	45" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	71.52	20.37
08 71 16 00-2257	EA	60" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	72.22	20.37
08 71 16 00-2258	EA	72" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	76.17	20.37
08 71 16 00-2259	EA	18" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	68.38	20.37
08 71 16 00-2260	EA	36" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	72.75	20.37
08 71 16 00-2261	EA	49" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	80.31	20.37
08 71 16 00-2262	EA	60" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	82.41	20.37
08 71 16 00-2263	EA	18" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	51.38	20.37
08 71 16 00-2264	EA	24" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	57.37	20.37
08 71 16 00-2265	EA	30" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	60.53	20.37
08 71 16 00-2266	EA	36" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	63.92	20.37
08 71 16 00-2267	EA	60" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	81.54	20.37
08 71 16 00-2268	EA	72" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	88.90	20.37
08 71 16 00-2269	EA	18" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	56.14	20.37
08 71 16 00-2270	EA	24" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	63.01	20.37
08 71 16 00-2271	EA	36" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	73.94	20.37
08 71 16 00-2272	EA	48" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	83.72	20.37
08 71 16 00-2273	EA	60" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	99.78	20.37
08 71 16 00-2274	EA	Two 18 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer	363.27	20.37
08 71 16 00-2275	EA	Ten 24 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer	398.59	28.53
08 71 16 00-2276	EA	Electrified Lock; Schlage L9080 Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	704.66	

08 71 16 00-2277 Interchangeable Core *(08 71 16 00-2149)*

08 71 16 00-2278	EA	Interchangeable Core; Primus D Series	134.37	20.37

08 71 16 00-2279 Door Coordinators *(08 71 16)*

08 71 16 00-2280	EA	32" COR Series Door Coordinator Note: Satin chrome finish. Includes two mounting brackets.	281.41	25.47
		For Anodized Aluminum Finish, Deduct	*-71.81*	
08 71 16 00-2281	EA	42" COR Series Door Coordinator Note: Satin chrome finish. Includes two mounting brackets.	295.28	26.48
		For Anodized Aluminum Finish, Deduct	*-75.73*	
08 71 16 00-2282	EA	52" COR Series Door Coordinator Note: Satin chrome finish. Includes two mounting brackets.	302.66	27.51
		For Anodized Aluminum Finish, Deduct	*-77.06*	
08 71 16 00-2283	EA	60" COR Series Door Coordinator Note: Satin chrome finish. Includes two mounting brackets.	315.67	28.53
		For Anodized Aluminum Finish, Deduct	*-80.63*	
08 71 16 00-2284	EA	72" COR Series Door Coordinator Note: Satin chrome finish. Includes two mounting brackets.	337.47	29.54
		For Anodized Aluminum Finish, Deduct	*-87.72*	
08 71 16 00-2285	EA	Up To 20" Filler Bar For Door Coordinator	68.25	8.15
		For Anodized Aluminum Finish, Deduct	*-14.26*	
08 71 16 00-2286	EA	Up To 32" Filler Bar For Door Coordinator	75.34	9.17
		For Anodized Aluminum Finish, Deduct	*-15.47*	
08 71 16 00-2287	EA	Up To 44" Filler Bar For Door Coordinator	86.25	10.19
		For Anodized Aluminum Finish, Deduct	*-18.20*	
08 71 16 00-2288	EA	CB1 Carry Bar For Door Coordinator	66.09	10.19
		For Anodized Aluminum Finish, Deduct	*-10.14*	
08 71 16 00-2289	EA	7" Projection COR Series Gravity Type Door Coordinator	97.89	15.28
		For Anodized Aluminum Finish, Deduct	*-14.71*	
08 71 16 00-2290	EA	9" Projection COR Series Gravity Type Door Coordinator	103.77	15.28
		For Anodized Aluminum Finish, Deduct	*-17.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2291		Removal And Reinstallation Of Door Hardware *(08 71 16)* Note: Includes storage and cleaning.		
08 71 16 00-2292	EA	Remove And Reinstall Door Lockset, Entrance	61.12	
08 71 16 00-2293	EA	Remove And Reinstall Door Lockset, Mortise	97.80	
08 71 16 00-2294	EA	Remove And Reinstall Deadbolt Lock	65.20	
08 71 16 00-2295	PR	Remove And Reinstall Butts/Hinges	16.30	
08 71 16 00-2296	EA	Remove And Reinstall Door Bumper	5.71	
08 71 16 00-2297	EA	Remove And Reinstall Surface Mounted Panic Device	162.99	
08 71 16 00-2298	EA	Remove And Reinstall Kick Plate	20.37	
08 71 16 00-2299	EA	Remove And Reinstall Push Plate	16.30	
08 71 16 00-2300	EA	Remove And Reinstall Surface Mounted Door Closer Or Holder	81.50	
08 71 16 00-2301	EA	Remove And Reinstall Door Knobs	12.23	
08 71 16 00-2302		Electromagnetic Door Holders *(08 71 16)*		
08 71 16 00-2303	EA	Electro-Magnetic Door Holder, Wall Mounted Satin Chrome/Bright Brass Finish Plated Or Bright Brass With Brass Base - BHMA 626 Or 605	371.36	51.35
08 71 16 00-2304	EA	Electro-Magnetic Door Holder, Floor Mounted Satin Chrome/Bright Brass Finish Plated Or Bright Brass With Brass Base - BHMA 626 Or 605	455.94	51.35
08 71 16 00-2305	EA	Photo Electric Smoke Detector Suitable For Door Holder Release	516.25	51.35
08 71 16 00-2306	EA	Ionization Type Smoke Detector Suitable For Door Holder Release	609.71	51.35
08 71 19		**Weatherstripping And Seals** *(08 71)*		
08 71 19 00-0001		Weather-Stripping And Seals *(08 71 19)*		
08 71 19 00-0002		Astragals *(08 71 19 00-0001)* Note: Astragal and meeting stile seals are used to seal the gap between a pair of doors.		
08 71 19 00-0003		Adhesive Backed Astragals *(08 71 19 00-0002)*		
08 71 19 00-0004	LF	7/16" Width, 9/32" Height, Edge Mount, Single Fin, Adhesive Backed Flexible Astragal (Pemko S771)	3.34	0.61
08 71 19 00-0005	LF	1/2" Width, 3/16" Height, Edge Mount, Double Fin, Adhesive Backed Flexible Astragal (Pemko S772)	3.42	0.61
08 71 19 00-0006	LF	1-1/8" Width, 3/16" Height, Mullion Mount, Adhesive Backed Mullion Gasketing (Pemko 5110)	3.19	0.61
08 71 19 00-0007		Overlapping Astragals *(08 71 19 00-0002)*		
08 71 19 00-0008		Aluminum, Overlapping Astragals *(08 71 19 00-0007)*		
08 71 19 00-0009	LF	2" Width, 1/8" Height, Clear Anodized Aluminum, Overlapping Astragal (Pemko 357C)	12.59	3.66
		For Color Anodized Finish, Add	*1.60*	
08 71 19 00-0010		Stainless Steel, Overlapping Astragals *(08 71 19 00-0007)*		
08 71 19 00-0011	LF	2" Width, 1/8" Height, Stainless Steel, Overlapping Astragal (Pemko 357SS)	30.77	3.66
08 71 19 00-0012		"T" Astragals *(08 71 19 00-0002)*		
08 71 19 00-0013		Aluminum, "T" Astragals *(08 71 19 00-0012)*		
08 71 19 00-0014	LF	1" Width, 11/16" Height, Mill Aluminum, "T" Astragal (Pemko 359A)	9.27	3.66
		For Color Anodized Finish, Add	*0.71*	
08 71 19 00-0015	LF	Vinyl Insert, 3/4" Width, 1/4" Height, Mill Aluminum, "T" Astragal (Pemko 356AV)	10.96	3.66
		For Color Anodized Finish, Add	*0.74*	
08 71 19 00-0016	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CP)	15.26	3.66
		For Color Anodized Finish, Add	*2.80*	
		For Silicone Insert, Add	*0.63*	
08 71 19 00-0017	LF	Neoprene Sponge Insert, 1-1/8" Width, 1/2" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 352CR)	21.64	3.66
		For Color Anodized Finish, Add	*5.04*	
08 71 19 00-0018		Brass/Bronze, "T" Astragals *(08 71 19 00-0012)*		
08 71 19 00-0019	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BP)	51.76	3.66
		For Silicone Insert, Add	*0.63*	
08 71 19 00-0020		Locking Astragals *(08 71 19 00-0002)*		
08 71 19 00-0021		Outswing Locking Astragals *(08 71 19 00-0020)* Note: Includes two units. A housing containing the locking bolt which fastens to the inactive leaf and a "T" astragal with a seal that fastens to the active leaf.		
08 71 19 00-0022		Aluminum, Outswing Locking Astragals *(08 71 19 00-0021)*		
08 71 19 00-0023	LF	Slide Bolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3443CS) Note: Includes pile seal at inner door edge and neoprene bottom seal.	27.31	3.66
		For Color Anodized Finish, Add	*4.01*	
08 71 19 00-0024	LF	Locking Springbolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3444CS) Note: Includes pile seal at inner door edge and neoprene bottom seal.	31.61	3.66
		For Color Anodized Finish, Add	*4.87*	
08 71 19 00-0025	LF	Slide Bolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3445BDQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.	35.91	3.66
		For Thermal Break, Add	*1.72*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 71 19 00-0026	LF	Locking Springbolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3446BDGQ)	40.20	3.66
			Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
			For Thermal Break, Add	*1.98*	
08 71 19 00-0027			Inswing Locking Astragals *(08 71 19 00-0020)*		
			Note: Includes one unit containing the locking bolt and astragal with seal, which fastens to the inactive leaf.		
08 71 19 00-0028			Wood, Inswing Locking Astragals *(08 71 19 00-0027)*		
	08 71 19 00-0029	LF	Flush Bolt, 1-1/4" Width, 1/2" Height, Wood, Inswing Locking Astragal (Pemko 34832)	32.62	3.66
	08 71 19 00-0030	LF	Flush Bolt, 1-1/4" Width, 1-3/16" Height, Wood, Inswing Locking Astragal (Pemko 3481Q)	31.03	3.66
			Note: Includes kerf-in foam seal.		
08 71 19 00-0031			Aluminum, Inswing Locking Astragals *(08 71 19 00-0027)*		
	08 71 19 00-0032	LF	Slide Bolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3493CV)	18.31	3.66
			Note: Includes pile seal at inner door edge and neoprene bottom seal.		
			For Silicone Insert, Add	*0.63*	
			For Color Anodized Finish, Add	*2.21*	
	08 71 19 00-0033	LF	Locking Springbolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3494CV)	21.90	3.66
			Note: Includes pile seal at inner door edge and neoprene bottom seal.		
			For Silicone Insert, Add	*0.63*	
			For Color Anodized Finish, Add	*2.93*	
	08 71 19 00-0034	LF	Slide Bolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3495CQ)	19.65	3.66
			Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
			For Magnetic Kerf-In Insert, Add	*0.47*	
			For Color Anodized Finish, Add	*2.48*	
	08 71 19 00-0035	LF	Locking Springbolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3496CQ)	23.22	3.66
			Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
			For Magnetic Kerf-In Insert, Add	*0.47*	
			For Color Anodized Finish, Add	*3.19*	
08 71 19 00-0036			Security Astragals *(08 71 19 00-0002)*		
	08 71 19 00-0037	LF	Vinyl Seal, 1/2" Thick Cam, 1-3/4" Width, Clear Anodized Aluminum, Security Astragal (Pemko 378C)	17.09	3.66
			For Color Anodized Finish, Add	*9.84*	
	08 71 19 00-0038	LF	2-1/4" Width, 10 Gauge Galvanized Steel, Offset Security Bar, Security Astragal (Pemko 3572SP)	33.26	3.66
08 71 19 00-0039			Meeting Stile Astragals *(08 71 19 00-0002)*		
08 71 19 00-0040			One Piece, Meeting Stile Astragals *(08 71 19 00-0039)*		
			Note: Includes an astragal for one door only.		
	08 71 19 00-0041	LF	1/4" Vinyl Or Pile Insert, 5/32" Width, 13/32" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 369AP)	11.08	3.66
			For Color Anodized Finish, Add	*1.15*	
	08 71 19 00-0042	LF	1/4" Neoprene Loop Insert, 7/16" Width, 3/4" Height, Surface/Mortise Mount, Mill Aluminum, One Piece, Meeting Stile Astragal (Pemko 313AN)	16.96	5.45
			For Color Anodized Finish, Add	*2.43*	
	08 71 19 00-0043	LF	9/16" Neoprene Loop Insert, 3/4" Width, 1-3/8" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 314CN)	22.50	5.45
			For Color Anodized Finish, Add	*1.16*	
	08 71 19 00-0044	LF	15/16" Neoprene Loop Insert, 1-1/8" Width, 1-3/4" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 358CN)	23.13	5.45
			For Color Anodized Finish, Add	*3.06*	
	08 71 19 00-0045	LF	1/8" Width, 1-1/2" Height, Side Mount, Spring Bronze, One Piece, Meeting Stile Astragal (Pemko B71)	22.07	5.45
08 71 19 00-0046			Two Piece, Meeting Stile Split Astragals *(08 71 19 00-0039)*		
			Note: Includes one astragal for each door.		
	08 71 19 00-0047	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 297AV)	13.53	5.45
			For Silicone Insert, Add	*0.95*	
			For Color Anodized Finish, Add	*2.65*	
	08 71 19 00-0048	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 316AV)	13.66	5.45
			For Color Anodized Finish, Add	*2.78*	
	08 71 19 00-0049	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 303AV)	13.66	5.45
			For Silicone Insert, Add	*0.95*	
			For Color Anodized Finish, Add	*2.78*	
	08 71 19 00-0050	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 305CN)	21.19	5.45
			For Silicone Insert, Add	*0.63*	
			For Color Anodized Finish, Add	*2.06*	
	08 71 19 00-0051	LF	3/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18041CNB)	18.01	5.45
			For Color Anodized Finish, Add	*2.85*	
	08 71 19 00-0052	LF	5/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18061CNB)	18.54	5.45
			For Color Anodized Finish, Add	*3.06*	

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08 71 19 00-0053	LF	3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29310CV)	21.71	5.45
		For Color Anodized Finish, Add	*5.42*	
		For Silicone Insert, Add	*0.95*	
08 71 19 00-0054	LF	3/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29324CNB)	22.77	5.45
		For Color Anodized Finish, Add	*4.76*	
08 71 19 00-0055	LF	5/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29326CNB)	23.29	5.45
		For Color Anodized Finish, Add	*4.96*	

08 71 19 00-0056 Two Piece, Adjustable Meeting Stile Split Astragals *(08 71 19 00-0039)*

Note: Includes one astragal for each door.

08 71 19 00-0057 Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals *(08 71 19 00-0056)*

08 71 19 00-0058	LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354CP)	39.38	5.45
		For Color Anodized Finish, Add	*7.13*	
		For Silicone Insert, Add	*0.63*	
08 71 19 00-0059	LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351CP)	41.00	5.45
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*6.02*	

08 71 19 00-0060 Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals *(08 71 19 00-0056)*

08 71 19 00-0061	LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Mortise Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354BP)	147.62	5.45
		For Silicone Insert, Add	*0.63*	
08 71 19 00-0062	LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351BP)	138.06	5.45
		For Silicone Insert, Add	*0.63*	

08 71 19 00-0063 Door Sweeps *(08 71 19 00-0001)*

08 71 19 00-0064 Tack On Door Sweeps *(08 71 19 00-0063)*

08 71 19 00-0065	LF	For Sealing Up To 3/4" Gap, Side Mount, Vinyl Tack On Door Sweep (Pemko V365)	5.13	2.03
08 71 19 00-0066	LF	For Sealing Up To 5/8" Gap, Bottom Mount, Rubber Tack On Door Sweep (Pemko R364)	5.22	2.03
08 71 19 00-0067	LF	For Sealing Up To 1-3/8" Gap, Bottom Mount, Vinyl Tack On Door Sweep (Pemko P361V)	5.48	2.03

08 71 19 00-0068 Aluminum Retainer Door Sweeps *(08 71 19 00-0063)*

08 71 19 00-0069 35 Degree, Aluminum Retainer Door Sweeps *(08 71 19 00-0068)*

Note: The retainer mounts to the door face with the sweep positioned 35 degrees from the door. Includes clear anodized finish.

08 71 19 00-0070	LF	5/16" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35041CNB)	11.85	4.07
		For Color Anodized Finish, Add	*1.48*	
08 71 19 00-0071	LF	1/2" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35061CNB)	12.24	4.07
		For Color Anodized Finish, Add	*1.43*	

08 71 19 00-0072 45 Degree, Aluminum Retainer Door Sweeps *(08 71 19 00-0068)*

Note: The retainer mounts to the door face with the sweep positioned 45 degrees from the door. Includes clear anodized finish.

08 71 19 00-0073	LF	1-3/4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45175CNB)	18.46	4.07
		For Color Anodized Finish, Add	*4.12*	
08 71 19 00-0074	LF	2-1/2" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45250CNB)	19.65	4.07
		For Color Anodized Finish, Add	*4.60*	
08 71 19 00-0075	LF	4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45400CNB)	23.08	4.07
		For Color Anodized Finish, Add	*5.97*	

08 71 19 00-0076 90 Degree, Aluminum Retainer Door Sweeps *(08 71 19 00-0068)*

Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.

08 71 19 00-0077	LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90041CNB)	13.17	4.07
		For Color Anodized Finish, Add	*0.50*	
08 71 19 00-0078	LF	5/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90062CNB)	13.17	4.07
		For Color Anodized Finish, Add	*0.50*	
08 71 19 00-0079	LF	1" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90100CNB)	13.97	4.07
		For Color Anodized Finish, Add	*2.04*	
08 71 19 00-0080	LF	1-3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90137CNB)	14.36	4.07
		For Color Anodized Finish, Add	*2.48*	
08 71 19 00-0081	LF	7/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 315CN)	12.64	4.07
		For Color Anodized Finish, Add	*1.12*	
08 71 19 00-0082	LF	11/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 368CN)	15.81	4.07
		For Color Anodized Finish, Add	*1.53*	
08 71 19 00-0083	LF	15/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 321CN)	13.30	4.07
		For Color Anodized Finish, Add	*1.03*	
08 71 19 00-0084	LF	9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 308AV) Note: Includes mill finish.	10.13	4.07
		For Color Anodized Finish, Add	*0.99*	
08 71 19 00-0085	LF	1" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 307AV) Note: Includes mill finish.	10.13	4.07
		For Color Anodized Finish, Add	*0.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 19 00-0086	LF	1-9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 56AV) Note: Includes mill finish.	11.13	4.07
		For Color Anodized Finish, Add	*1.04*	
08 71 19 00-0087		180 Degree, Aluminum Retainer Door Sweeps *(08 71 19 00-0068)* Note: The retainer mounts to the door face with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 71 19 00-0088		180 Degree, Aluminum Retainer Door Sweeps *(08 71 19 00-0087)*		
08 71 19 00-0089	LF	3/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18041CNB)	11.72	4.07
		For Color Anodized Finish, Add	*1.43*	
08 71 19 00-0090	LF	5/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18061CNB)	11.98	4.07
		For Color Anodized Finish, Add	*1.53*	
08 71 19 00-0091	LF	1" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18100CNB)	13.97	4.07
		For Color Anodized Finish, Add	*2.04*	
08 71 19 00-0092		180 Degree, Concealed Fastener, Aluminum Retainer Door Sweeps *(08 71 19 00-0087)*		
08 71 19 00-0093	LF	3/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29324CNB)	14.09	4.07
		For Color Anodized Finish, Add	*2.38*	
08 71 19 00-0094	LF	5/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29326CNB)	14.36	4.07
		For Color Anodized Finish, Add	*2.48*	
08 71 19 00-0095	LF	1" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 293100CNB)	15.28	4.07
		For Color Anodized Finish, Add	*2.85*	
08 71 19 00-0096		Mortised, Aluminum Retainer Door Sweeps *(08 71 19 00-0068)* Note: The retainer is mortised into the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish. Excludes mortising.		
08 71 19 00-0097	LF	1/4" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5025ASB)	10.53	4.07
08 71 19 00-0098	LF	13/32" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5041ANB)	10.53	4.07
08 71 19 00-0099	LF	5/8" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5061ANB)	10.66	4.07
08 71 19 00-0100		Aluminum Retainer Door Sweeps With Rain Drip *(08 71 19 00-0063)*		
08 71 19 00-0101		90 Degree, Aluminum Retainer Door Sweeps With Rain Drip *(08 71 19 00-0100)* Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish.		
08 71 19 00-0102	LF	1/4" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 3452AV)	10.13	4.07
		For Color Anodized Finish, Add	*1.39*	
08 71 19 00-0103	LF	1/2" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 345AV)	11.72	4.07
		For Color Anodized Finish, Add	*1.43*	
08 71 19 00-0104	LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 3452CNB) Note: Includes clear anodized finish.	13.97	4.07
		For Color Anodized Finish, Add	*1.16*	
08 71 19 00-0105	LF	7/16" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 345ANB)	14.23	4.07
		For Color Anodized Finish, Add	*1.22*	
08 71 19 00-0106		Brass/Bronze Retainer Door Sweeps *(08 71 19 00-0063)*		
08 71 19 00-0107		90 Degree, Brass/Bronze Retainer Door Sweeps *(08 71 19 00-0106)* Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 71 19 00-0108	LF	7/16" Neoprene Insert, 90 Degree, Brass/Bronze Retainer Door Sweep (Pemko 315BN)	12.64	4.07
08 71 19 00-0109		Oak Retainer Door Sweeps *(08 71 19 00-0063)*		
08 71 19 00-0110		90 Degree, Oak Retainer Door Sweeps *(08 71 19 00-0109)* Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 71 19 00-0111	LF	9/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18062WNB)	13.04	4.07
08 71 19 00-0112	LF	15/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18100WNB)	14.49	4.07
08 71 19 00-0113		Door Shoes And Bottoms *(08 71 19 00-0001)*		
08 71 19 00-0114		Door Shoes *(08 71 19 00-0113)*		
08 71 19 00-0115		Aluminum Retainer Door Shoes *(08 71 19 00-0114)*		
08 71 19 00-0116		Bottom Mount, Aluminum Retainer Door Shoes *(08 71 19 00-0115)*		
08 71 19 00-0117	LF	Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 234AV)	10.93	4.07
		For Color Anodized Finish, Add	*1.11*	
		For Thermo-Plastic Elastomer Insert, Add	*0.68*	
08 71 19 00-0118	LF	Vinyl Insert, 1-3/8" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 209AV)	11.19	4.07
		For Color Anodized Finish, Add	*1.22*	
08 71 19 00-0119	LF	Notched Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 2343AV)	19.42	4.07
		For Color Anodized Finish, Add	*2.25*	
08 71 19 00-0120		Side Mount, Aluminum Retainer Door Shoes *(08 71 19 00-0115)*		
08 71 19 00-0121	LF	Vinyl Insert, 1-3/4" Width, Side Mount, Aluminum Retainers Door Shoe (Pemko 318AV)	12.50	4.07
		For Color Anodized Finish, Add	*1.74*	
		For Thermo-Plastic Elastomer Insert, Add	*0.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 19 00-0122		**L Or U Shaped, Aluminum Retainer Door Shoes** *(08 71 19 00-0115)*		
08 71 19 00-0123	LF	Vinyl Insert, 1-1/4" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 211AV)	11.59	4.07
		For Color Anodized Finish, Add	*1.72*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 71 19 00-0124	LF	Vinyl Insert, 1-3/8" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 220AV)	12.38	4.07
		For Color Anodized Finish, Add	*1.69*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 71 19 00-0125	LF	Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 217AV)	12.38	4.07
		For Color Anodized Finish, Add	*1.69*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 71 19 00-0126	LF	Notched Vinyl Insert, 1-5/16" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 2113AV)	19.78	4.07
		For Color Anodized Finish, Add	*2.33*	
08 71 19 00-0127	LF	Notched Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 2173AV)	20.04	4.07
		For Color Anodized Finish, Add	*2.38*	
08 71 19 00-0128		**L Or U Shaped With Rain Drip, Aluminum Retainer Door Shoes** *(08 71 19 00-0115)*		
08 71 19 00-0129	LF	Vinyl Insert, 1-1/4" Width, L-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 210AV)	11.59	4.07
		For Color Anodized Finish, Add	*1.72*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 71 19 00-0130	LF	Vinyl Insert, 1-3/8" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 215AV)	12.38	4.07
		For Color Anodized Finish, Add	*1.69*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 71 19 00-0131	LF	Vinyl Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216AV)	12.38	4.07
		For Color Anodized Finish, Add	*1.69*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 71 19 00-0132		**Vinyl Door Shoes** *(08 71 19 00-0114)*		
08 71 19 00-0133	LF	1-3/4" Width, L-Shaped, Vinyl Door Shoe (Pemko V80)	12.16	4.07
08 71 19 00-0134	LF	1-3/4" Width, U-Shaped, Vinyl Door Shoe (Pemko 2170DV)	19.95	4.07
08 71 19 00-0135		**Door Bottoms** *(08 71 19 00-0113)*		
08 71 19 00-0136		**Automatic Door Bottoms** *(08 71 19 00-0135)*		
08 71 19 00-0137		**Aluminum Automatic Door Bottoms** *(08 71 19 00-0136)*		
08 71 19 00-0138	LF	Sponge Neoprene Insert, 9/16" Width, 1-7/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4131CRL)	27.92	4.07
		For Color Anodized Finish, Add	*3.95*	
08 71 19 00-0139	LF	Sponge Neoprene Insert, 31/32" Width, 2-1/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4301CRL)	40.30	4.07
		For Color Anodized Finish, Add	*6.43*	
08 71 19 00-0140		**Door Top Protection** *(08 71 19 00-0001)*		
08 71 19 00-0141	LF	Aluminum, Door Top Cover For 1-3/8" Wood Doors (Pemko PA343)	9.81	3.26
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*0.90*	
08 71 19 00-0142	LF	Aluminum, Door Top Cover For 1-3/4" Wood Doors (Pemko PA344)	9.81	3.26
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*0.90*	
08 71 19 00-0143	LF	2-1/2" Aluminum Overhead Rain Drip With Slotted Holes (Pemko 346C)	10.08	3.26
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*0.98*	
08 71 19 00-0144		**Perimeter Gasketing Weather-Strip** *(08 71 19 00-0001)*		
		Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.		
08 71 19 00-0145		**Adhesive Backed Perimeter Gasketing Weather-Strip** *(08 71 19 00-0144)*		
08 71 19 00-0146	LF	3/8" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK33)	3.09	2.03
		For Intumescent Seal, Add	*1.50*	
08 71 19 00-0147	LF	1/2" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK55)	3.13	2.03
		For Intumescent Seal, Add	*1.50*	
08 71 19 00-0148	LF	1/2" x 1/4", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S88)	3.51	2.03
		For Intumescent Seal, Add	*1.50*	
08 71 19 00-0149	LF	7/16" x 5/16", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S44)	3.42	2.03
		For Intumescent Seal, Add	*1.50*	
08 71 19 00-0150	LF	5/16" x 1/2", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S77)	3.87	2.03
		For Intumescent Seal, Add	*1.50*	
08 71 19 00-0151	LF	1/2" x 3/8", Silicone Triple Fin, Hospitality, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S773)	4.23	2.03
		For Intumescent Seal, Add	*1.50*	
08 71 19 00-0152		**Kerf-In Perimeter Gasketing Weather-Strip** *(08 71 19 00-0144)*		
08 71 19 00-0153	LF	3/8" x 1/4" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko P50)	2.73	2.03
08 71 19 00-0154	LF	7/16" x 3/8" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko S52)	4.20	2.03
08 71 19 00-0155	LF	3/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q103)	3.09	2.03
08 71 19 00-0156	LF	5/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q102)	3.04	2.03
08 71 19 00-0157	LF	3/8" Magnetic, Kerf-In Perimeter Gasketing Weather-Strip (Pemko MAG349)	4.04	2.03
08 71 19 00-0158		**Cushion/Spring Perimeter Gasketing Weather-Strip** *(08 71 19 00-0144)*		
08 71 19 00-0159		**Spring Bronze Perimeter Gasketing Weather-Strip** *(08 71 19 00-0158)*		
08 71 19 00-0160	LF	1-1/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70C)	6.26	2.03
08 71 19 00-0161	LF	1-1/4" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70D)	6.69	2.03
08 71 19 00-0162	LF	1-3/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70E)	7.22	2.03

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	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 71 19 00-0163	LF	1-1/2" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70F)	7.32	2.03
	08 71 19 00-0164		Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip *(08 71 19 00-0158)*		
	08 71 19 00-0165	LF	5/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B73)	6.37	2.03
	08 71 19 00-0166	LF	7/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B74)	7.16	2.03
	08 71 19 00-0167	LF	1-1/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B75)	8.26	2.03
	08 71 19 00-0168		Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 71 19 00-0144)*		
	08 71 19 00-0169		Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 71 19 00-0168)*		
	08 71 19 00-0170	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 297AV)	5.40	2.03
			For Silicone Insert, Add	*0.95*	
			For Color Anodized Finish, Add	*1.33*	
	08 71 19 00-0171	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 316AV)	5.46	2.03
			For Silicone Insert, Add	*0.95*	
			For Color Anodized Finish, Add	*1.39*	
	08 71 19 00-0172	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 303AV)	5.46	2.03
			For Silicone Insert, Add	*0.95*	
			For Color Anodized Finish, Add	*1.39*	
	08 71 19 00-0173	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 305CN)	9.22	2.03
			For Silicone Insert, Add	*0.63*	
			For Color Anodized Finish, Add	*1.03*	
	08 71 19 00-0174	LF	3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip With Concealed Fasteners (Pemko 29310CV)	9.49	2.03
			For Color Anodized Finish, Add	*2.71*	
			For Silicone Insert, Add	*0.95*	
	08 71 19 00-0175	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 375CR)	9.49	2.03
			For Color Anodized Finish, Add	*1.90*	
	08 71 19 00-0176		Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 71 19 00-0168)*		
	08 71 19 00-0177		Standard Jamb, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 71 19 00-0176)*		
	08 71 19 00-0178	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 290AV)	10.15	2.03
			For Silicone Insert, Add	*0.95*	
	08 71 19 00-0179		Head Section, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 71 19 00-0176)*		
	08 71 19 00-0180	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Head Section, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 2891AV)	11.34	2.03
	08 71 19 00-0181		Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 71 19 00-0144)*		
	08 71 19 00-0182		Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 71 19 00-0181)*		
	08 71 19 00-0183	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 305BR)	17.34	2.03
			For Silicone Insert, Add	*1.58*	
	08 71 19 00-0184	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 375BR)	34.35	2.03
	08 71 19 00-0185		Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 71 19 00-0181)*		
	08 71 19 00-0186		Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 71 19 00-0185)*		
	08 71 19 00-0187	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 290BV)	35.45	2.03
			For Silicone Insert, Add	*0.63*	
	08 71 19 00-0188		Aluminum Interlock, Perimeter Gasketing Weather-Strip *(08 71 19 00-0144)*		
	08 71 19 00-0189	LF	Side Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 335AR, 336A) Note: For weather-stripping latch or hinge side of door. Includes aluminum interlocking devices for door and door frame.	14.37	4.07
			For Color Anodized Finish, Add	*2.49*	
	08 71 19 00-0190	LF	Top Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 347A, 68AR) Note: For weather-stripping the top of doors. Includes rain drip shield and aluminum interlocking devices for door and door frame.	14.89	4.07
			For Color Anodized Finish, Add	*2.70*	
	08 71 19 00-0191		Adjustable Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 71 19 00-0144)* Note: Seals gaps from 1/16" to 1/4".		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 19 00-0192	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Stop Gasketing Weather-Strip (Pemko 350CSR)	18.87	2.03
		For Color Anodized Finish, Add	*2.96*	
08 71 19 00-0193	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Jamb Gasketing Weather-Strip (Pemko 350CR)	19.92	2.03
		For Color Anodized Finish, Add	*3.17*	
08 71 19 00-0194		Perimeter Gasketing Smoke Seals *(08 71 19 00-0001)*		
		Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.		
08 71 19 00-0195	LF	Compression Bulb, Adhesive Backed Perimeter Gasketing Smoke Seal (Pemko HSS2000)	3.44	2.03
08 71 21		**Thresholds** *(08 71)*		
08 71 21 00-0001		Thresholds *(08 71 21)*		
		Note: Includes material, fasteners, installation, caulk and sealants.		
08 71 21 00-0002		Metal Thresholds *(08 71 21 00-0001)*		
08 71 21 00-0003		Saddle Thresholds *(08 71 21 00-0002)*		
08 71 21 00-0004		Aluminum Saddle Thresholds *(08 71 21 00-0003)*		
		Note: Includes mill finish.		
08 71 21 00-0005		3/16" Height, Aluminum Saddle Thresholds *(08 71 21 00-0004)*		
08 71 21 00-0006	LF	2-1/4" Width, 3/16" Height, Aluminum Saddle Threshold (Pemko 173A)	20.92	6.52
		For Color Anodized Finish, Add	*1.85*	
08 71 21 00-0007		1/4" Height, Aluminum Saddle Thresholds *(08 71 21 00-0004)*		
08 71 21 00-0008	LF	3" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 151A)	22.90	6.52
		For Color Anodized Finish, Add	*2.64*	
08 71 21 00-0009	LF	4" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 270A)	26.83	8.15
		For Color Anodized Finish, Add	*4.53*	
08 71 21 00-0010	LF	5" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 271A)	30.53	8.15
		For Color Anodized Finish, Add	*5.09*	
08 71 21 00-0011	LF	6" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 272A)	33.05	8.15
		For Color Anodized Finish, Add	*4.44*	
08 71 21 00-0012	LF	7" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 276A)	37.54	8.15
		For Color Anodized Finish, Add	*4.30*	
08 71 21 00-0013	LF	8" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2748A)	43.47	9.78
		For Color Anodized Finish, Add	*4.76*	
08 71 21 00-0014	LF	9" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2749A)	47.42	9.78
		For Color Anodized Finish, Add	*5.75*	
08 71 21 00-0015	LF	10" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2750A)	51.26	9.78
		For Color Anodized Finish, Add	*6.71*	
08 71 21 00-0016		5/16" Height, Aluminum Saddle Thresholds *(08 71 21 00-0004)*		
08 71 21 00-0017	LF	2-1/2" Width, 5/16" Height, Aluminum Saddle Threshold (Pemko 166A)	22.64	6.52
		For Color Anodized Finish, Add	*2.22*	
08 71 21 00-0018		1/2" Height, Aluminum Saddle Thresholds *(08 71 21 00-0004)*		
08 71 21 00-0019	LF	3" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 169A)	22.77	6.52
		For Color Anodized Finish, Add	*3.24*	
08 71 21 00-0020	LF	4" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 170A)	26.97	8.15
		For Color Anodized Finish, Add	*4.63*	
08 71 21 00-0021	LF	5" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 171A)	30.53	8.15
		For Color Anodized Finish, Add	*5.09*	
08 71 21 00-0022	LF	6" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 172A)	33.05	8.15
		For Color Anodized Finish, Add	*4.44*	
08 71 21 00-0023	LF	7" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 176A)	37.54	8.15
		For Color Anodized Finish, Add	*4.30*	
08 71 21 00-0024	LF	8" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2548A)	44.66	9.78
		For Color Anodized Finish, Add	*7.08*	
08 71 21 00-0025	LF	9" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2549A)	45.71	9.78
		For Color Anodized Finish, Add	*8.51*	
08 71 21 00-0026	LF	10" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2550A)	47.70	9.78
		For Color Anodized Finish, Add	*9.30*	
08 71 21 00-0027		Brass/Bronze Saddle Thresholds *(08 71 21 00-0003)*		
08 71 21 00-0028		3/16" Height, Brass/Bronze Saddle Thresholds *(08 71 21 00-0027)*		
08 71 21 00-0029	LF	2-1/4" Width, 3/16" Height, Brass/Bronze Saddle Threshold (Pemko 173B)	54.17	6.52
08 71 21 00-0030		1/4" Height, Brass/Bronze Saddle Thresholds *(08 71 21 00-0027)*		
08 71 21 00-0031	LF	3" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 151B)	86.11	6.52
08 71 21 00-0032	LF	4" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 270B)	107.86	8.15
08 71 21 00-0033	LF	5" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 271B)	116.30	8.15
08 71 21 00-0034	LF	6" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 272B)	131.10	8.15
08 71 21 00-0035	LF	7" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 276B)	160.67	8.15
08 71 21 00-0036	LF	8" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 274X4B)	198.07	9.78

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08 71 21 00-0037		1/2" Height, Brass/Bronze Saddle Thresholds *(08 71 21 00-0027)*		
08 71 21 00-0038	LF	4" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 170B)	115.74	8.15
08 71 21 00-0039	LF	5" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 171B)	130.40	8.15
08 71 21 00-0040	LF	6" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 172B)	163.45	8.15
08 71 21 00-0041	LF	7" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 176B)	181.97	8.15
08 71 21 00-0042	LF	8" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 254X4B)	243.83	9.78
08 71 21 00-0043	LF	10" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 255X5B)	265.26	9.78
08 71 21 00-0044		Stainless Steel Saddle Thresholds *(08 71 21 00-0003)*		
08 71 21 00-0045		1/2" Height, Stainless Steel Saddle Thresholds *(08 71 21 00-0044)*		
08 71 21 00-0046	LF	4" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 175SS)	105.03	8.15
08 71 21 00-0047	LF	5" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 154SS)	111.08	8.15
08 71 21 00-0048		Half Saddle Thresholds *(08 71 21 00-0002)*		
08 71 21 00-0049		Aluminum Half Saddle Thresholds *(08 71 21 00-0048)* Note: Includes mill finish.		
08 71 21 00-0050		3/4" Height, Aluminum Half Saddle Thresholds *(08 71 21 00-0049)*		
08 71 21 00-0051	LF	5" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1875A)	35.42	8.15
		For Color Anodized Finish, Add	*6.02*	
08 71 21 00-0052	LF	7" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1877A)	41.50	8.15
		For Color Anodized Finish, Add	*2.11*	
08 71 21 00-0053		Offset Saddle Thresholds *(08 71 21 00-0002)*		
08 71 21 00-0054		Aluminum Offset Saddle Thresholds *(08 71 21 00-0053)* Note: Includes mill finish.		
08 71 21 00-0055		1/2" Height, Aluminum Offset Saddle Thresholds *(08 71 21 00-0054)*		
08 71 21 00-0056	LF	5-1/2" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 158A)	32.52	8.15
		For Color Anodized Finish, Add	*6.08*	
08 71 21 00-0057	LF	7" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 2727A)	35.82	8.15
		For Color Anodized Finish, Add	*5.41*	
08 71 21 00-0058		3/4" Height, Aluminum Offset Saddle Thresholds *(08 71 21 00-0054)*		
08 71 21 00-0059	LF	5-1/2" Width, 3/4" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 157A)	32.52	8.15
		For Color Anodized Finish, Add	*6.08*	
08 71 21 00-0060		1" Height, Aluminum Offset Saddle Thresholds *(08 71 21 00-0054)*		
08 71 21 00-0061	LF	7" Width, 1" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 182A)	36.88	8.15
		For Color Anodized Finish, Add	*5.78*	
08 71 21 00-0062		Modular Ramp Thresholds *(08 71 21 00-0001)* Note: Includes mill finish.		
08 71 21 00-0063		Flush, Aluminum Modular Ramp Thresholds *(08 71 21 00-0062)*		
08 71 21 00-0064	LF	6-1/8" Length, 1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.5FA)	29.83	8.15
		For Non-Slip Surfacing, Add	*40.62*	
08 71 21 00-0065	LF	9-1/4" Length, 3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.75FA)	41.48	8.97
		For Non-Slip Surfacing, Add	*65.97*	
08 71 21 00-0066	LF	12-3/8" Length, 1" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1FA)	51.96	10.18
		For Non-Slip Surfacing, Add	*88.48*	
08 71 21 00-0067	LF	15-1/2" Length, 1-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.25FA)	64.67	10.59
		For Non-Slip Surfacing, Add	*117.42*	
08 71 21 00-0068	LF	18-5/8" Length, 1-1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.5FA)	67.20	11.41
		For Non-Slip Surfacing, Add	*133.17*	
08 71 21 00-0069	LF	21-3/4" Length, 1-3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.75FA)	88.79	12.63
		For Non-Slip Surfacing, Add	*165.18*	
08 71 21 00-0070	LF	24-7/8" Length, 2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2FA)	100.81	13.84
		For Non-Slip Surfacing, Add	*190.09*	
08 71 21 00-0071	LF	28" Length, 2-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2.25FA)	116.53	14.66
		For Non-Slip Surfacing, Add	*218.00*	
08 71 21 00-0072		3-1/2" Top Plate, Offset, Aluminum Modular Ramp Thresholds *(08 71 21 00-0062)*		
08 71 21 00-0073	LF	12-3/4" Length, 1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSSA)	55.81	10.18
		For Non-Slip Surfacing, Add	*95.72*	
08 71 21 00-0074	LF	15-7/8" Length, 3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSSA)	64.67	10.59
		For Non-Slip Surfacing, Add	*117.42*	
08 71 21 00-0075	LF	18" Length, 1" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSSA)	79.82	12.22
		For Non-Slip Surfacing, Add	*143.99*	
08 71 21 00-0076	LF	22-1/8" Length, 1-1/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSSA)	88.94	13.03
		For Non-Slip Surfacing, Add	*163.46*	
08 71 21 00-0077	LF	25-1/4" Length, 1-1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSSA)	103.12	13.84
		For Non-Slip Surfacing, Add	*196.09*	
08 71 21 00-0078	LF	28-3/8" Length, 1-3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSSA)	114.33	14.66
		For Non-Slip Surfacing, Add	*221.00*	
08 71 21 00-0079	LF	31-1/2" Length, 2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSSA)	130.05	15.48
		For Non-Slip Surfacing, Add	*257.63*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 21 00-0080		**7" Top Plate, Offset, Aluminum Modular Ramp Thresholds** *(08 71 21 00-0062)*		
08 71 21 00-0081	LF	16-1/4" Length, 1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSA)	64.61	11.00
		For Non-Slip Surfacing, Add	*119.31*	
08 71 21 00-0082	LF	19-3/8" Length, 3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSA)	75.09	12.22
		For Non-Slip Surfacing, Add	*141.82*	
08 71 21 00-0083	LF	22-1/2" Length, 1" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSA)	88.50	13.03
		For Non-Slip Surfacing, Add	*168.56*	
08 71 21 00-0084	LF	25-5/8" Length, 1-1/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSA)	97.72	13.84
		For Non-Slip Surfacing, Add	*189.05*	
08 71 21 00-0085	LF	28-3/4" Length, 1-1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSA)	112.01	14.66
		For Non-Slip Surfacing, Add	*214.97*	
08 71 21 00-0086	LF	31-7/8" Length, 1-3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSA)	123.00	15.48
		For Non-Slip Surfacing, Add	*239.30*	
08 71 21 00-0087	LF	35" Length, 2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSA)	138.84	16.29
		For Non-Slip Surfacing, Add	*265.63*	
08 71 21 00-0088		**Accessories For Aluminum Modular Ramp Thresholds** *(08 71 21 00-0062)*		
08 71 21 00-0089		**Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds** *(08 71 21 00-0088)*		
08 71 21 00-0090	PR	Up To 1" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	150.93	10.18
		For Non-Slip Surfacing, Add	*15.67*	
08 71 21 00-0091	PR	>1" To 1-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	233.08	10.18
		For Non-Slip Surfacing, Add	*25.53*	
08 71 21 00-0092	PR	>1-1/4" To 2-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	461.44	14.26
		For Non-Slip Surfacing, Add	*51.95*	
08 71 21 00-0093		**Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds** *(08 71 21 00-0088)*		
08 71 21 00-0094	PR	Up To 1/2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	150.93	10.18
		For Non-Slip Surfacing, Add	*15.67*	
08 71 21 00-0095	PR	>1/2" To 1" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	233.08	10.18
		For Non-Slip Surfacing, Add	*25.53*	
08 71 21 00-0096	PR	>1" To 2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	461.44	14.26
		For Non-Slip Surfacing, Add	*51.95*	
08 71 21 00-0097		**Latching Panic Exit Saddle Thresholds** *(08 71 21 00-0001)* Note: Includes vinyl or pile seal.		
08 71 21 00-0098		**Aluminum, Latching Panic Exit Saddle Thresholds** *(08 71 21 00-0097)* Note: Includes mill finish.		
08 71 21 00-0099		**Aluminum, Latching Panic Exit Saddle Thresholds** *(08 71 21 00-0098)*		
08 71 21 00-0100		**7/8" Height, Aluminum, Latching Panic Exit Saddle Thresholds** *(08 71 21 00-0099)*		
08 71 21 00-0101	LF	4" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AP)	35.16	8.15
		For Color Anodized Finish, Add	*5.18*	
		For Thermoseal, Add	*0.63*	
08 71 21 00-0102	LF	5" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 177AP)	32.38	8.15
		For Color Anodized Finish, Add	*6.01*	
		For Thermoseal, Add	*0.63*	
08 71 21 00-0103	LF	6" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AP)	39.13	8.15
		For Color Anodized Finish, Add	*6.57*	
		For Thermoseal, Add	*0.63*	
08 71 21 00-0104	LF	7" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AP)	41.10	8.15
		For Color Anodized Finish, Add	*7.26*	
		For Thermoseal, Add	*0.63*	
08 71 21 00-0105		**1" Height, Aluminum, Latching Panic Exit Saddle Thresholds** *(08 71 21 00-0099)*		
08 71 21 00-0106	LF	3-5/8" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 185AP)	31.32	8.15
		For Color Anodized Finish, Add	*5.48*	
		For Thermoseal, Add	*0.63*	
08 71 21 00-0107	LF	5" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 181AP)	32.38	8.15
		For Color Anodized Finish, Add	*6.01*	
		For Thermoseal, Add	*0.63*	
08 71 21 00-0108		**Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds** *(08 71 21 00-0098)*		
08 71 21 00-0109		**7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds** *(08 71 21 00-0108)*		
08 71 21 00-0110	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AFGP)	35.16	8.15
		For Color Anodized Finish, Add	*5.92*	
		For Thermoseal, Add	*0.63*	
08 71 21 00-0111	LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 253X226AFGP)	37.14	8.15
		For Color Anodized Finish, Add	*6.71*	
		For Thermoseal, Add	*0.63*	
08 71 21 00-0112	LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AFGP)	39.13	8.15
		For Color Anodized Finish, Add	*6.57*	
		For Thermoseal, Add	*0.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 21 00-0113	LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AFGP)	41.10	8.15
		For Color Anodized Finish, Add	*7.26*	
		For Thermoseal, Add	*0.63*	
08 71 21 00-0114		Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 71 21 00-0097)*		
08 71 21 00-0115		Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 71 21 00-0114)*		
08 71 21 00-0116		7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 71 21 00-0115)*		
08 71 21 00-0117	LF	4" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BV)	153.21	8.15
		For Thermoseal, Add	*0.63*	
08 71 21 00-0118	LF	5" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 177BV)	151.55	8.15
		For Thermoseal, Add	*0.63*	
08 71 21 00-0119	LF	6" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BV)	203.53	8.15
		For Thermoseal, Add	*0.63*	
08 71 21 00-0120	LF	7" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BV)	214.17	8.15
		For Thermoseal, Add	*0.63*	
08 71 21 00-0121		1" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 71 21 00-0115)*		
08 71 21 00-0122	LF	5" Width, 1" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 181BV)	162.06	8.15
		For Thermoseal, Add	*0.63*	
08 71 21 00-0123		Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 71 21 00-0114)*		
08 71 21 00-0124		7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 71 21 00-0123)*		
08 71 21 00-0125	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BFGV)	152.00	8.97
		For Thermoseal, Add	*0.63*	
08 71 21 00-0126	LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 253X226BFGV)	173.28	8.97
		For Thermoseal, Add	*0.63*	
08 71 21 00-0127	LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BFGV)	204.94	8.97
		For Thermoseal, Add	*0.63*	
08 71 21 00-0128	LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BFGV)	216.42	9.37
		For Thermoseal, Add	*0.63*	
08 71 21 00-0129		Carpet Separator Thresholds *(08 71 21 00-0001)*		
08 71 21 00-0130		Aluminum, Carpet Separator Thresholds *(08 71 21 00-0129)* Note: Includes mill finish.		
08 71 21 00-0131		3/8" Height, Aluminum, Carpet Separator Thresholds *(08 71 21 00-0130)*		
08 71 21 00-0132	LF	2-1/2" Width, 3/8" Height, Aluminum, Carpet Separator Threshold (Pemko 174C)	23.30	6.52
		For Color Anodized Finish, Add	*2.80*	
08 71 21 00-0133		7/16" Height, Aluminum, Carpet Separator Thresholds *(08 71 21 00-0130)*		
08 71 21 00-0134	LF	1-3/4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 236A)	19.28	5.71
		For Color Anodized Finish, Add	*1.76*	
08 71 21 00-0135	LF	4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2364A)	29.34	6.52
		For Color Anodized Finish, Add	*3.59*	
08 71 21 00-0136	LF	6" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2366A)	34.36	6.52
		For Color Anodized Finish, Add	*5.60*	
08 71 21 00-0137		1/2" Height, Aluminum, Carpet Separator Thresholds *(08 71 21 00-0130)*		
08 71 21 00-0138	LF	1-3/8" Width, 1/2" Height, Aluminum, Carpet Separator Threshold (Pemko 1951A)	17.83	5.71
		For Color Anodized Finish, Add	*0.89*	
08 71 21 00-0139		3/4" Height, Aluminum, Carpet Separator Thresholds *(08 71 21 00-0130)*		
08 71 21 00-0140	LF	1-3/4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 246A)	19.41	5.71
		For Color Anodized Finish, Add	*1.55*	
08 71 21 00-0141	LF	3" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 230A)	29.87	8.15
		For Color Anodized Finish, Add	*3.80*	
08 71 21 00-0142	LF	4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 2464A)	31.19	8.15
		For Color Anodized Finish, Add	*3.25*	
08 71 21 00-0143		Brass/Bronze, Carpet Separator Thresholds *(08 71 21 00-0129)*		
08 71 21 00-0144		3/8" Height, Brass/Bronze, Carpet Separator Thresholds *(08 71 21 00-0143)*		
08 71 21 00-0145	LF	2-1/2" Width, 3/8" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 174B)	89.14	6.52
08 71 21 00-0146		7/16" Height, Brass/Bronze, Carpet Separator Thresholds *(08 71 21 00-0143)*		
08 71 21 00-0147	LF	1-3/4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 236B)	54.21	5.71
08 71 21 00-0148	LF	4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 2364B)	111.19	8.15

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 21 00-0149		Vinyl Transition Thresholds *(08 71 21 00-0001)*		
		Note: Serves as a transition where carpet meets carpet, tile, VCT or concrete beneath a door.		
08 71 21 00-0150		Carpet To Carpet, Vinyl Transition Thresholds *(08 71 21 00-0149)*		
		Note: Serves as a transition where carpet meets carpet beneath a door.		
08 71 21 00-0151	LF	2-3/4" Width, 23/32" Height, Carpet To Carpet, Vinyl Transition Threshold (Pemko V232BL)	28.77	6.52
08 71 21 00-0152		Carpet To Tile, Vinyl Transition Thresholds *(08 71 21 00-0149)*		
		Note: Serves as a transition where carpet meets tile beneath a door.		
08 71 21 00-0153	LF	2-3/4" Width, 23/32" Height, Carpet To Tile, Vinyl Transition Threshold (Pemko V2325BL)	28.77	6.52
08 71 21 00-0154		Carpet To Concrete, Vinyl Transition Thresholds *(08 71 21 00-0149)*		
		Note: Serves as a transition where carpet meets concrete beneath a door.		
08 71 21 00-0155	LF	3-1/2" Width, 23/32" Height, Carpet To Concrete, Vinyl Transition Threshold (Pemko V2320BL)	32.84	8.15
08 71 21 00-0156		Carpet To VCT Tile, Vinyl Transition Thresholds *(08 71 21 00-0149)*		
		Note: Serves as a transition where carpet meets VCT Tile beneath a door.		
08 71 21 00-0157	LF	3-7/16" Width, 23/32" Height, Carpet To VCT Tile, Vinyl Transition Threshold (Pemko V2322BL)	32.84	8.15
08 71 21 00-0158		Residential Thresholds *(08 71 21 00-0001)*		
08 71 21 00-0159		Wood Residential Thresholds *(08 71 21 00-0158)*		
08 71 21 00-0160	LF	1-1/4" Width, 1/4" Height, Oak Residential Threshold (Pemko 2219W)	12.38	4.07
08 71 21 00-0161	LF	1-3/4" Width, 5/16" Height, Oak Residential Threshold (Pemko 2175W)	12.82	4.07
08 71 21 00-0162	LF	3" Width, 3/8" Height, Oak Residential Threshold (Pemko 2300W)	17.22	4.34
08 71 21 00-0163	LF	3-1/2" Width, 1/2" Height, Oak Residential Threshold (Pemko 2350W)	17.22	4.50
08 71 21 00-0164	LF	5" Width, 1/2" Height, Oak Residential Threshold (Pemko 2500W)	26.17	4.63
08 71 21 00-0165		Vinyl Top, Wood Residential Thresholds *(08 71 21 00-0158)*		
08 71 21 00-0166	LF	1-5/8" Width, 15/16" Height, Vinyl Top, Wood Residential Threshold (Pemko 208OAK)	14.66	4.07
08 71 21 00-0167	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 203OAK)	17.70	4.50
08 71 21 00-0168	LF	3-5/8" Width, 1-3/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 204OAK)	30.07	4.50
08 71 21 00-0169		Vinyl Top, Aluminum Residential Thresholds *(08 71 21 00-0158)*		
08 71 21 00-0170	LF	1-3/8" Width, 1/2" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 208AV)	13.48	4.07
		For Color Anodized Finish, Add	*1.32*	
08 71 21 00-0171	LF	3-1/4" Width, 3/4" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 206AV)	17.18	4.50
		For Color Anodized Finish, Add	*2.38*	
08 71 21 00-0172	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 207AV)	17.98	4.50
		For Color Anodized Finish, Add	*2.70*	
08 71 21 00-0173		Interlocking Residential Thresholds *(08 71 21 00-0158)*		
08 71 21 00-0174		Aluminum Interlocking Residential Thresholds *(08 71 21 00-0173)*		
08 71 21 00-0175		1/2" Height, Aluminum Interlocking Residential Thresholds *(08 71 21 00-0174)*		
08 71 21 00-0176	LF	4-1/4" Width, 1/2" Height, Aluminum Interlocking Residential Threshold (Pemko 114A)	23.46	4.63
		For Color Anodized Finish, Add	*3.57*	
08 71 21 00-0177		5/8" Height, Aluminum Interlocking Residential Thresholds *(08 71 21 00-0174)*		
08 71 21 00-0178	LF	3" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 121A)	21.15	4.34
		For Color Anodized Finish, Add	*3.09*	
08 71 21 00-0179	LF	3-1/2" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 110A)	19.70	4.50
		For Color Anodized Finish, Add	*4.23*	
08 71 21 00-0180	LF	4-1/4" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 115A)	22.27	4.63
		For Color Anodized Finish, Add	*3.21*	
08 71 21 00-0181		7/8" Height, Aluminum Interlocking Residential Thresholds *(08 71 21 00-0174)*		
08 71 21 00-0182	LF	4-1/2" Width, 7/8" Height, Aluminum Interlocking Residential Threshold (Pemko 120A)	24.12	4.63
		For Color Anodized Finish, Add	*6.28*	
08 71 21 00-0183		Brass/Bronze Interlocking Residential Thresholds *(08 71 21 00-0173)*		
08 71 21 00-0184		1/2" Height, Brass/Bronze Interlocking Residential Thresholds *(08 71 21 00-0183)*		
08 71 21 00-0185	LF	4-1/4" Width, 1/2" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 114B)	113.73	4.63
08 71 21 00-0186		5/8" Height, Brass/Bronze Interlocking Residential Thresholds *(08 71 21 00-0183)*		
08 71 21 00-0187	LF	3-1/2" Width, 5/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 110B)	88.24	4.50
08 71 21 00-0188		7/8" Height, Brass/Bronze Interlocking Residential Thresholds *(08 71 21 00-0183)*		
08 71 21 00-0189	LF	4-1/2" Width, 7/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 120B)	160.60	4.63
08 71 21 00-0190	LF	5-3/4" Width, 7/8" Height, 3/4" Offset, Brass/Bronze Interlocking Residential Threshold (Pemko 123B)	160.92	4.76

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 21 00-0191		Residential Door Sills *(08 71 21 00-0001)*		
08 71 21 00-0192		Fixed Aluminum Residential Door Sills *(08 71 21 00-0191)*		
08 71 21 00-0193	LF	4-9/16" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 84514A)	18.31	4.63
		For Color Anodized Finish, Add	*3.37*	
08 71 21 00-0194	LF	5-5/8" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 85514A)	19.55	4.76
		For Color Anodized Finish, Add	*3.06*	
08 71 21 00-0195		Adjustable Aluminum Top, Aluminum Residential Door Sills *(08 71 21 00-0191)*		
08 71 21 00-0196	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518A)	25.56	4.63
		For Color Anodized Finish, Add	*4.90*	
08 71 21 00-0197	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518A)	26.61	4.76
		For Color Anodized Finish, Add	*5.15*	
08 71 21 00-0198		Adjustable Wood Top, Aluminum Residential Door Sills *(08 71 21 00-0191)*		
08 71 21 00-0199	LF	3-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 93518AW)	24.45	4.50
		For Color Anodized Finish, Add	*4.62*	
08 71 21 00-0200	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518AW)	26.29	4.63
		For Color Anodized Finish, Add	*3.68*	
08 71 21 00-0201	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518AW)	27.39	4.76
		For Color Anodized Finish, Add	*3.88*	
08 71 21 00-0202		Extenders For Aluminum Residential Door Sills *(08 71 21 00-0191)*		
08 71 21 00-0203	LF	3/4" Extender For Aluminum Residential Door Sills (Pemko EXT3/4A)	11.19	4.07
		For Color Anodized Finish, Add	*2.13*	
08 71 21 00-0204	LF	2" Extender For Aluminum Residential Door Sills (Pemko EXT2A)	12.12	4.07
		For Color Anodized Finish, Add	*1.99*	
08 71 21 00-0205	LF	3" Extender For Aluminum Residential Door Sills (Pemko EXT3A)	13.17	4.07
		For Color Anodized Finish, Add	*1.26*	
08 71 21 00-0206		Stone Thresholds *(08 71 21 00-0001)*		
08 71 21 00-0207		Marble Thresholds *(08 71 21 00-0206)*		
08 71 21 00-0208	LF	2" Width, 5/8" Height, Plain Marble Threshold	14.51	5.55
08 71 21 00-0209	LF	4" Width, 5/8" Height, Plain Marble Threshold	16.11	5.55
08 71 21 00-0210	LF	6" Width, 5/8" Height, Plain Marble Threshold	18.25	5.55
08 71 21 00-0211	LF	4" Width, 7/8" Height, Plain Marble Threshold	23.07	5.55
08 71 21 00-0212	LF	6" Width, 7/8" Height, Plain Marble Threshold	28.71	5.55
08 71 21 00-0213		Corian Thresholds *(08 71 21 00-0206)*		
08 71 21 00-0214	LF	Up To 5-3/4" Width, Corian Threshold	47.85	6.76
08 71 53		**Security Door Hardware** *(08 71)*		
08 71 53 00-0001		Door Exit Alarm Hardware *(08 71 53)*		
08 71 53 00-0002	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500)	201.69	30.56
08 71 53 00-0003	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500W)	272.74	30.56
08 71 53 00-0004	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300) Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.	232.04	30.56
08 71 53 00-0005	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300W) Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.	294.87	30.56
08 71 53 00-0006	EA	Wall Mount Exit Alarm, Audible Alarm, AC/DC (Detex EAX-2500)	345.42	40.75
08 71 53 00-0007	EA	Surface Mounted Magnetic Switch (Detex MS-1039S or MS-1059S) Note: For use with Detax EAX exit alarms.	62.52	40.75
08 74		Access Control Hardware *(08 70)*		
08 74 16		**Keypad Access Control Hardware** *(08 74)*		
08 74 16 00-0001		Vindicator Security Alarm System *(08 74 16)*		
08 74 16 00-0002	EA	Switch, Balanced Magnetic Door (Security) Vindicator #192-30894-00	952.45	171.90
08 74 16 00-0003	EA	Detector, Passive Inferred (Security) Vindicator #316-30812-00	1,201.44	223.42
08 74 16 00-0004	EA	Premise Control Unit (Security) Vindicator #548-32004-01	5,942.02	489.72
08 74 16 00-0005	EA	Access Manager (Security Key Pad) Vindicator #548-31894-01	2,787.95	417.34
08 74 16 00-0006	EA	ALS Duress Switch (Security) Vindicator #192-30810-00	793.53	228.29
08 75		Window Hardware *(08 70)*		
08 75 00 00-0001		Window Opener Electric, With 1/2 HP Motor *(08 75)*		
08 75 00 00-0002	EA	Gym Window Electronic Opener	1,244.67	173.59

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 79 Hardware Accessories *(08 70)*

08 79 00 00-0001 Pad Locks *(08 79)*

08 79 00 00-0002	EA	Combination Padlock	14.87	4.08
08 79 00 00-0003	EA	Resettable Combination Padlock With Control Key, 4 Digit, 2" Wide Case, 1" Shackle Height	32.10	4.08
08 79 00 00-0004	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 1" Shackle Height	29.76	4.08
08 79 00 00-0005	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 2-1/4" Shackle Height	32.66	4.08
08 79 00 00-0006	EA	Commercial U-Bar Lock	39.35	4.08
08 79 00 00-0007	EA	Weather Tough Padlocks Keyed Alike	33.24	4.08
08 79 00 00-0008	EA	High Security Padlocks	30.15	4.08
08 79 00 00-0009	EA	Standard Key, Medium Security Padlock Keyed Alike	16.57	4.08

08 79 00 00-0010 Key Cabinet *(08 79)*

08 79 00 00-0011 Key Cabinets *(08 79 00 00-0010)*

08 79 00 00-0012	EA	Wall Mounted Key Cabinet, Up To 30 Keys	261.73	14.66
08 79 00 00-0013	EA	Wall Mounted Key Cabinet, Up To 60 Keys	352.04	16.29
08 79 00 00-0014	EA	Wall Mounted Key Cabinet, Up To 240 Keys	784.96	24.44
08 79 00 00-0015	EA	Wall Mounted Key Cabinet, Up To 1200 Keys	2,010.36	32.59
08 79 00 00-0016	EA	Drawer Type Key Cabinet, Up To 600 Keys	2,139.67	21.59
08 79 00 00-0017	EA	Drawer Type Key Cabinet, Up To 2400 Keys	4,819.98	16.29
08 79 00 00-0018	EA	Tray Type Key Cabinet, Up To 20 Keys	110.29	6.52
08 79 00 00-0019	EA	Tray Type Key Cabinet, Up To 50 Keys	156.78	8.15

08 79 00 00-0020 Key Boxes Wall Mounted On Any Type Wall, With Anchor *(08 79 00 00-0010)*

08 79 00 00-0021	EA	Key Box, Metal, 30 Key Hooks, Key Lock Door 3" Deep x 10" Wide x 12" High	151.97	12.22
08 79 00 00-0022	EA	Key Box, Metal, 60 Key Hooks, Key Lock Door, 3" Deep x 10" Wide x 12" High	171.42	12.22
08 79 00 00-0023	EA	Relocate Key Box, Metal, 3" Deep x 10" Wide x 12" High, Including Storage And Cleaning	41.56	
08 79 00 00-0024	EA	Relocate Heavy Duty Key Box, With Combo Lock Door, Including Storage And Cleaning	93.72	

08 80 Glazing *(08)*

Note: Includes neoprene setting blocks and spacers and elastomeric sealants for all glazing tasks. Demolition for all glazing includes removal of glazing (broken or whole), sealant compound and/or astragal, taking down and resetting mullion where necessary.

08 81 Glass Glazing *(08 80)*

08 81 23 Factory Installed Glass *(08 81)*

08 81 23 00-0001 Clear Float Factory Installed Glass *(08 81 23)*

08 81 23 00-0002 Clear Float Factory Installed Glass *(08 81 23 00-0001)*

Note: Type I, Class I, Quality Q3.

08 81 23 00-0003	SF	1/8" Thick, Clear Float Factory Installed Glass	1.80
		For >50 To 200, Deduct	*-0.05*
		For >200 To 400, Deduct	*-0.11*
		For >400, Deduct	*-0.16*
		For Tinted Glass, Add	*0.45*
		For Reflective Coated Glass, Add	*0.81*
		For Low-E Coated Glass, Add	*0.45*
08 81 23 00-0004	SF	3/16" Thick, Clear Float Factory Installed Glass	1.93
		For >50 To 200, Deduct	*-0.06*
		For >200 To 400, Deduct	*-0.12*
		For >400, Deduct	*-0.17*
		For Tinted Glass, Add	*0.48*
		For Reflective Coated Glass, Add	*0.87*
		For Low-E Coated Glass, Add	*0.48*
08 81 23 00-0005	SF	1/4" Thick, Clear Float Factory Installed Glass	2.34
		For >50 To 200, Deduct	*-0.07*
		For >200 To 400, Deduct	*-0.14*
		For >400, Deduct	*-0.21*
		For Tinted Glass, Add	*0.59*
		For Reflective Coated Glass, Add	*1.05*
		For Low-E Coated Glass, Add	*0.59*
08 81 23 00-0006	SF	5/16" Thick, Clear Float Factory Installed Glass	3.89
		For >50 To 200, Deduct	*-0.12*
		For >200 To 400, Deduct	*-0.23*
		For >400, Deduct	*-0.35*
		For Tinted Glass, Add	*0.97*
		For Reflective Coated Glass, Add	*1.75*
		For Low-E Coated Glass, Add	*0.97*
08 81 23 00-0007	SF	3/8" Thick, Clear Float Factory Installed Glass	5.66
		For >50 To 200, Deduct	*-0.17*
		For >200 To 400, Deduct	*-0.34*
		For >400, Deduct	*-0.51*
		For Tinted Glass, Add	*1.42*
		For Reflective Coated Glass, Add	*2.55*
		For Low-E Coated Glass, Add	*1.42*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 00-0008	SF	1/2" Thick, Clear Float Factory Installed Glass	6.22	
		For >50 To 200, Deduct	*-0.19*	
		For >200 To 400, Deduct	*-0.37*	
		For >400, Deduct	*-0.56*	
		For Tinted Glass, Add	*1.56*	
		For Reflective Coated Glass, Add	*2.80*	
		For Low-E Coated Glass, Add	*1.56*	
08 81 23 00-0009	SF	5/8" Thick, Clear Float Factory Installed Glass	7.44	
		For >50 To 200, Deduct	*-0.22*	
		For >200 To 400, Deduct	*-0.45*	
		For >400, Deduct	*-0.67*	
		For Tinted Glass, Add	*1.86*	
		For Reflective Coated Glass, Add	*3.35*	
		For Low-E Coated Glass, Add	*1.86*	
08 81 23 00-0010	SF	3/4" Thick, Clear Float Factory Installed Glass	9.19	
		For >50 To 200, Deduct	*-0.28*	
		For >200 To 400, Deduct	*-0.55*	
		For >400, Deduct	*-0.83*	
		For Tinted Glass, Add	*2.30*	
		For Reflective Coated Glass, Add	*4.14*	
		For Low-E Coated Glass, Add	*2.30*	

08 81 23 00-0011 Heat Treated Factory Installed Glass *(08 81 23)*

08 81 23 00-0012 Tempered, Clear Float Factory Installed Glass *(08 81 23 00-0011)*

Note: Type I, Class I, Quality Q3.

08 81 23 00-0013	SF	1/8" Thick, Tempered, Clear Float Factory Installed Glass	2.61	
		For >50 To 200, Deduct	*-0.08*	
		For >200 To 400, Deduct	*-0.16*	
		For >400, Deduct	*-0.23*	
		For Tinted Glass, Add	*0.65*	
		For Reflective Coated Glass, Add	*1.17*	
		For Low-E Coated Glass, Add	*0.65*	
08 81 23 00-0014	SF	3/16" Thick, Tempered, Clear Float Factory Installed Glass	2.79	
		For >50 To 200, Deduct	*-0.08*	
		For >200 To 400, Deduct	*-0.17*	
		For >400, Deduct	*-0.25*	
		For Tinted Glass, Add	*0.70*	
		For Reflective Coated Glass, Add	*1.26*	
		For Low-E Coated Glass, Add	*0.70*	
08 81 23 00-0015	SF	1/4" Thick, Tempered, Clear Float Factory Installed Glass	3.39	
		For >50 To 200, Deduct	*-0.10*	
		For >200 To 400, Deduct	*-0.20*	
		For >400, Deduct	*-0.31*	
		For Tinted Glass, Add	*0.85*	
		For Reflective Coated Glass, Add	*1.53*	
		For Low-E Coated Glass, Add	*0.85*	
08 81 23 00-0016	SF	5/16" Thick, Tempered, Clear Float Factory Installed Glass	5.65	
		For >50 To 200, Deduct	*-0.17*	
		For >200 To 400, Deduct	*-0.34*	
		For >400, Deduct	*-0.51*	
		For Tinted Glass, Add	*1.41*	
		For Reflective Coated Glass, Add	*2.54*	
		For Low-E Coated Glass, Add	*1.41*	
08 81 23 00-0017	SF	3/8" Thick, Tempered, Clear Float Factory Installed Glass	8.21	
		For >50 To 200, Deduct	*-0.25*	
		For >200 To 400, Deduct	*-0.49*	
		For >400, Deduct	*-0.74*	
		For Tinted Glass, Add	*2.05*	
		For Reflective Coated Glass, Add	*3.69*	
		For Low-E Coated Glass, Add	*2.05*	
08 81 23 00-0018	SF	1/2" Thick, Tempered, Clear Float Factory Installed Glass	9.02	
		For >50 To 200, Deduct	*-0.27*	
		For >200 To 400, Deduct	*-0.54*	
		For >400, Deduct	*-0.81*	
		For Tinted Glass, Add	*2.26*	
		For Reflective Coated Glass, Add	*4.06*	
		For Low-E Coated Glass, Add	*2.26*	
08 81 23 00-0019	SF	5/8" Thick, Tempered, Clear Float Factory Installed Glass	10.79	
		For >50 To 200, Deduct	*-0.32*	
		For >200 To 400, Deduct	*-0.65*	
		For >400, Deduct	*-0.97*	
		For Tinted Glass, Add	*2.70*	
		For Reflective Coated Glass, Add	*4.86*	
		For Low-E Coated Glass, Add	*2.70*	
08 81 23 00-0020	SF	3/4" Thick, Tempered, Clear Float Factory Installed Glass	13.33	
		For >50 To 200, Deduct	*-0.40*	
		For >200 To 400, Deduct	*-0.80*	
		For >400, Deduct	*-1.20*	
		For Tinted Glass, Add	*3.33*	
		For Reflective Coated Glass, Add	*6.00*	
		For Low-E Coated Glass, Add	*3.33*	

08 81 23 00-0021 Patterned Factory Installed Glass *(08 81 23)*

08 81 23 00-0022 Rough Obscure, Factory Installed Glass *(08 81 23 00-0021)*

Note: Class II, Form 3, Finish F1.

08 81 23 00-0023	SF	1/4" Thick, Rough Obscure, Factory Installed Glass	5.12	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 00-0024		Patterned, Figured Factory Installed Glass *(08 81 23 00-0021)*		
		Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 00-0025	SF	1/8" Thick, Patterned, Figured Factory Installed Glass	3.11	
08 81 23 00-0026	SF	7/32" Thick, Patterned, Figured Factory Installed Glass	3.11	
08 81 23 00-0027		Wired Factory Installed Glass *(08 81 23)*		
08 81 23 00-0028		Square Or Diamond Pattern, Wired Factory Installed Glass *(08 81 23 00-0027)*		
		Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 00-0029	SF	1/4" Thick, Square Pattern, Wired Factory Installed Glass	8.05	
08 81 23 00-0030	SF	1/4" Thick, Diamond Pattern, Wired Factory Installed Glass	8.05	
08 81 23 00-0031		Polished, Wired Factory Installed Glass *(08 81 23 00-0027)*		
08 81 23 00-0032	SF	1/4" Thick, Polished, Wired Factory Installed Glass	8.80	
08 81 23 00-0033		Frosted Factory Installed Glass *(08 81 23)*		
08 81 23 00-0034		Frosted Factory Installed Glass *(08 81 23 00-0033)*		
08 81 23 00-0035	SF	1/8" Thick, Frosted Factory Installed Glass	4.07	
		For >50 To 200, Deduct	*-0.12*	
		For >200 To 400, Deduct	*-0.24*	
		For >400, Deduct	*-0.37*	
08 81 23 00-0036	SF	3/16" Thick, Frosted Factory Installed Glass	5.34	
		For >50 To 200, Deduct	*-0.16*	
		For >200 To 400, Deduct	*-0.32*	
		For >400, Deduct	*-0.48*	
08 81 23 00-0037	SF	1/4" Thick, Frosted Factory Installed Glass	6.75	
		For >50 To 200, Deduct	*-0.20*	
		For >200 To 400, Deduct	*-0.41*	
		For >400, Deduct	*-0.61*	
08 81 23 00-0038	SF	3/8" Thick, Frosted Factory Installed Glass	10.09	
		For >50 To 200, Deduct	*-0.30*	
		For >200 To 400, Deduct	*-0.61*	
		For >400, Deduct	*-0.91*	
08 81 23 00-0039		Fire Rated Factory Installed Glass *(08 81 23)*		
08 81 23 00-0040		Fire Rated Factory Installed Glass *(08 81 23 00-0039)*		
08 81 23 00-0041	SF	20 Minute, Fire Rated Factory Installed Glass	11.05	
08 81 23 00-0042	SF	45 Minute, Fire Rated Factory Installed Glass	22.00	
08 81 23 00-0043	SF	60 Minute, Fire Rated Factory Installed Glass	34.00	
08 81 23 00-0044	SF	90 Minute, Fire Rated Factory Installed Glass	45.00	
08 81 23 00-0045		Laminated Factory Installed Glass *(08 81 23)*		
08 81 23 00-0046		Laminated Glass With PVB Interlayer, Factory Installed Glass *(08 81 23 00-0045)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 00-0047	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	7.17	
		For >50 To 200, Deduct	*-0.22*	
		For >200 To 400, Deduct	*-0.43*	
		For >400, Deduct	*-0.65*	
		For Tinted Glass, Add	*1.79*	
		For Reflective Coated Glass, Add	*3.23*	
		For Low-E Coated Glass, Add	*1.79*	
		For One Piece Heat Strengthened Glass, Add	*1.43*	
		For One Piece Fully Tempered Glass, Add	*1.43*	
08 81 23 00-0048	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	8.95	
		For >50 To 200, Deduct	*-0.27*	
		For >200 To 400, Deduct	*-0.54*	
		For >400, Deduct	*-0.81*	
		For Tinted Glass, Add	*2.24*	
		For Reflective Coated Glass, Add	*4.03*	
		For Low-E Coated Glass, Add	*2.24*	
		For One Piece Heat Strengthened Glass, Add	*1.79*	
		For One Piece Fully Tempered Glass, Add	*1.79*	
08 81 23 00-0049	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	12.16	
		For >50 To 200, Deduct	*-0.36*	
		For >200 To 400, Deduct	*-0.73*	
		For >400, Deduct	*-1.09*	
		For Tinted Glass, Add	*3.04*	
		For Reflective Coated Glass, Add	*5.47*	
		For Low-E Coated Glass, Add	*3.04*	
		For One Piece Heat Strengthened Glass, Add	*2.43*	
		For One Piece Fully Tempered Glass, Add	*2.43*	
08 81 23 00-0050		Insulated Factory Installed Glass *(08 81 23)*		
08 81 23 00-0051		Insulated, Factory Installed Glass *(08 81 23 00-0050)*		
		Note: Type I, Class I, Quality Q3.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 00-0052	SF	1/2" Thick, Insulated Factory Installed Glass Note: Two 1/8" lites with 1/4" air space.	5.19	
		For >50 To 200, Deduct	*-0.16*	
		For >200 To 400, Deduct	*-0.31*	
		For >400, Deduct	*-0.47*	
		For Tinted Glass, Add	*1.30*	
		For Reflective Coated Glass, Add	*2.34*	
		For Low-E Coated Glass, Add	*1.30*	
		For One Piece Heat Strengthened Glass, Add	*1.04*	
		For One Piece Fully Tempered Glass, Add	*1.04*	
		For One Piece Obscure Glass, Add	*2.21*	
		For Argon Gas, Add	*1.43*	
08 81 23 00-0053	SF	5/8" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 1/4" air space.	5.25	
		For >50 To 200, Deduct	*-0.16*	
		For >200 To 400, Deduct	*-0.32*	
		For >400, Deduct	*-0.47*	
		For Tinted Glass, Add	*1.31*	
		For Reflective Coated Glass, Add	*2.36*	
		For Low-E Coated Glass, Add	*1.31*	
		For One Piece Heat Strengthened Glass, Add	*1.05*	
		For One Piece Fully Tempered Glass, Add	*1.05*	
		For One Piece Obscure Glass, Add	*2.23*	
		For Argon Gas, Add	*1.44*	
08 81 23 00-0054	SF	3/4" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 1/4" air space.	5.50	
		For >50 To 200, Deduct	*-0.17*	
		For >200 To 400, Deduct	*-0.33*	
		For >400, Deduct	*-0.50*	
		For Tinted Glass, Add	*1.38*	
		For Reflective Coated Glass, Add	*2.48*	
		For Low-E Coated Glass, Add	*1.38*	
		For One Piece Heat Strengthened Glass, Add	*1.10*	
		For One Piece Fully Tempered Glass, Add	*1.10*	
		For One Piece Obscure Glass, Add	*2.34*	
		For Argon Gas, Add	*1.51*	
08 81 23 00-0055	SF	1" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 1/2" air space.	5.77	
		For >50 To 200, Deduct	*-0.17*	
		For >200 To 400, Deduct	*-0.35*	
		For >400, Deduct	*-0.52*	
		For Tinted Glass, Add	*1.44*	
		For Reflective Coated Glass, Add	*2.60*	
		For Low-E Coated Glass, Add	*1.44*	
		For One Piece Heat Strengthened Glass, Add	*1.15*	
		For One Piece Fully Tempered Glass, Add	*1.15*	
		For One Piece Obscure Glass, Add	*2.45*	
		For Argon Gas, Add	*1.59*	

08 81 26 Field Installed Glass *(08 81)*

08 81 26 00-0001 Heat Treated Field Installed Glass *(08 81 26)*

08 81 26 00-0002 Tempered, Clear Float Field Installed Glass *(08 81 26 00-0001)*

Note: Type I, Class I, Quality Q3.

08 81 26 00-0003	SF	1/8" Thick, Tempered, Clear Float Field Installed Glass	12.93	
		For >50 To 200, Deduct	*-0.08*	
		For >200 To 400, Deduct	*-0.16*	
		For >400, Deduct	*-0.23*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.32*	
		For Tinted Glass, Add	*0.65*	
		For Reflective Coated Glass, Add	*1.17*	
		For Low-E Coated Glass, Add	*0.65*	
08 81 26 00-0004	SF	3/16" Thick, Tempered, Clear Float Field Installed Glass	13.90	
		For >50 To 200, Deduct	*-0.08*	
		For >200 To 400, Deduct	*-0.17*	
		For >400, Deduct	*-0.25*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.11*	
		For Tinted Glass, Add	*0.70*	
		For Reflective Coated Glass, Add	*1.26*	
		For Low-E Coated Glass, Add	*0.70*	
08 81 26 00-0005	SF	1/4" Thick, Tempered, Clear Float Field Installed Glass	15.30	
		For >50 To 200, Deduct	*-0.10*	
		For >200 To 400, Deduct	*-0.20*	
		For >400, Deduct	*-0.31*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.91*	
		For Tinted Glass, Add	*0.85*	
		For Reflective Coated Glass, Add	*1.53*	
		For Low-E Coated Glass, Add	*0.85*	
08 81 26 00-0006	SF	5/16" Thick, Tempered, Clear Float Field Installed Glass	19.14	
		For >50 To 200, Deduct	*-0.17*	
		For >200 To 400, Deduct	*-0.34*	
		For >400, Deduct	*-0.51*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.49*	
		For Tinted Glass, Add	*1.41*	
		For Reflective Coated Glass, Add	*2.54*	
		For Low-E Coated Glass, Add	*1.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 26 00-0007	SF	3/8" Thick, Tempered, Clear Float Field Installed Glass	23.29	
		For >50 To 200, Deduct	*-0.25*	
		For >200 To 400, Deduct	*-0.49*	
		For >400, Deduct	*-0.74*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.08*	
		For Tinted Glass, Add	*2.05*	
		For Reflective Coated Glass, Add	*3.69*	
		For Low-E Coated Glass, Add	*2.05*	
08 81 26 00-0008	SF	1/2" Thick, Tempered, Clear Float Field Installed Glass	25.69	
		For >50 To 200, Deduct	*-0.27*	
		For >200 To 400, Deduct	*-0.54*	
		For >400, Deduct	*-0.81*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.67*	
		For Tinted Glass, Add	*2.26*	
		For Reflective Coated Glass, Add	*4.06*	
		For Low-E Coated Glass, Add	*2.26*	
08 81 26 00-0009	SF	5/8" Thick, Tempered, Clear Float Field Installed Glass	31.43	
		For >50 To 200, Deduct	*-0.32*	
		For >200 To 400, Deduct	*-0.65*	
		For >400, Deduct	*-0.97*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.64*	
		For Tinted Glass, Add	*2.70*	
		For Reflective Coated Glass, Add	*4.86*	
		For Low-E Coated Glass, Add	*2.70*	
08 81 26 00-0010	SF	3/4" Thick, Tempered, Clear Float Field Installed Glass	37.93	
		For >50 To 200, Deduct	*-0.40*	
		For >200 To 400, Deduct	*-0.80*	
		For >400, Deduct	*-1.20*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*24.60*	
		For Tinted Glass, Add	*3.33*	
		For Reflective Coated Glass, Add	*6.00*	
		For Low-E Coated Glass, Add	*3.33*	

08 81 26 00-0011 Clear Float Field Installed Glass *(08 81 26)*

08 81 26 00-0012 Clear Float Field Installed Glass *(08 81 26 00-0011)*

Note: Type I, Class I, Quality Q3.

08 81 26 00-0013	SF	1/8" Thick, Clear Float Field Installed Glass	12.12	
		For >50 To 200, Deduct	*-0.05*	
		For >200 To 400, Deduct	*-0.11*	
		For >400, Deduct	*-0.16*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.32*	
		For Tinted Glass, Add	*0.45*	
		For Reflective Coated Glass, Add	*0.81*	
		For Low-E Coated Glass, Add	*0.45*	
08 81 26 00-0014	SF	3/16" Thick, Clear Float Field Installed Glass	13.04	
		For >50 To 200, Deduct	*-0.06*	
		For >200 To 400, Deduct	*-0.12*	
		For >400, Deduct	*-0.17*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.11*	
		For Tinted Glass, Add	*0.48*	
		For Reflective Coated Glass, Add	*0.87*	
		For Low-E Coated Glass, Add	*0.48*	
08 81 26 00-0015	SF	1/4" Thick, Clear Float Field Installed Glass	14.25	
		For >50 To 200, Deduct	*-0.07*	
		For >200 To 400, Deduct	*-0.14*	
		For >400, Deduct	*-0.21*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.91*	
		For Tinted Glass, Add	*0.59*	
		For Reflective Coated Glass, Add	*1.05*	
		For Low-E Coated Glass, Add	*0.59*	
08 81 26 00-0016	SF	5/16" Thick, Clear Float Field Installed Glass	17.38	
		For >50 To 200, Deduct	*-0.12*	
		For >200 To 400, Deduct	*-0.23*	
		For >400, Deduct	*-0.35*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.49*	
		For Tinted Glass, Add	*0.97*	
		For Reflective Coated Glass, Add	*1.75*	
		For Low-E Coated Glass, Add	*0.97*	
08 81 26 00-0017	SF	3/8" Thick, Clear Float Field Installed Glass	20.74	
		For >50 To 200, Deduct	*-0.17*	
		For >200 To 400, Deduct	*-0.34*	
		For >400, Deduct	*-0.51*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.08*	
		For Tinted Glass, Add	*1.42*	
		For Reflective Coated Glass, Add	*2.55*	
		For Low-E Coated Glass, Add	*1.42*	
08 81 26 00-0018	SF	1/2" Thick, Clear Float Field Installed Glass	22.89	
		For >50 To 200, Deduct	*-0.19*	
		For >200 To 400, Deduct	*-0.37*	
		For >400, Deduct	*-0.56*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.67*	
		For Tinted Glass, Add	*1.56*	
		For Reflective Coated Glass, Add	*2.80*	
		For Low-E Coated Glass, Add	*1.56*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 26 00-0019	SF	5/8" Thick, Clear Float Field Installed Glass	28.08	
		For >50 To 200, Deduct	*-0.22*	
		For >200 To 400, Deduct	*-0.45*	
		For >400, Deduct	*-0.67*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.64*	
		For Tinted Glass, Add	*1.86*	
		For Reflective Coated Glass, Add	*3.35*	
		For Low-E Coated Glass, Add	*1.86*	
08 81 26 00-0020	SF	3/4" Thick, Clear Float Field Installed Glass	33.79	
		For >50 To 200, Deduct	*-0.28*	
		For >200 To 400, Deduct	*-0.55*	
		For >400, Deduct	*-0.83*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*24.60*	
		For Tinted Glass, Add	*2.30*	
		For Reflective Coated Glass, Add	*4.14*	
		For Low-E Coated Glass, Add	*2.30*	

08 81 26 00-0021 Patterned Field Installed Glass *(08 81 26)*

08 81 26 00-0022 Rough Obscure Field Installed Glass *(08 81 26 00-0021)*

Note: Class II, Form 3, Finish F1.

08 81 26 00-0023	SF	1/4" Thick, Rough Obscure Field Installed Glass	17.03	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.91*	

08 81 26 00-0024 Patterned, Figured Field Installed Glass *(08 81 26 00-0021)*

Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.

08 81 26 00-0025	SF	1/8" Thick, Patterned, Figured Field Installed Glass	13.43	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.32*	
08 81 26 00-0026	SF	7/32" Thick, Patterned, Figured Field Installed Glass	14.62	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.51*	

08 81 26 00-0027 Wired Field Installed Glass *(08 81 26)*

08 81 26 00-0028 Square Or Diamond Pattern, Wired Field Installed Glass *(08 81 26 00-0027)*

Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.

08 81 26 00-0029	SF	1/4" Thick, Square Pattern, Wired Field Installed Glass	19.96	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.91*	
08 81 26 00-0030	SF	1/4" Thick, Diamond Pattern, Wired Field Installed Glass	19.96	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.91*	

08 81 26 00-0031 Polished, Wired Field Installed Glass *(08 81 26 00-0027)*

08 81 26 00-0032	SF	1/4" Thick, Polished, Wired Field Installed Glass	20.71	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.91*	

08 81 26 00-0033 Frosted Field Installed Glass *(08 81 26)*

08 81 26 00-0034 Frosted Field Installed Glass *(08 81 26 00-0033)*

08 81 26 00-0035	SF	1/8" Thick, Frosted Field Installed Glass	14.39	
		For >50 To 200, Deduct	*-0.12*	
		For >200 To 400, Deduct	*-0.24*	
		For >400, Deduct	*-0.37*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.32*	
08 81 26 00-0036	SF	3/16" Thick, Frosted Field Installed Glass	16.45	
		For >50 To 200, Deduct	*-0.16*	
		For >200 To 400, Deduct	*-0.32*	
		For >400, Deduct	*-0.48*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.11*	
08 81 26 00-0037	SF	1/4" Thick, Frosted Field Installed Glass	18.66	
		For >50 To 200, Deduct	*-0.20*	
		For >200 To 400, Deduct	*-0.41*	
		For >400, Deduct	*-0.61*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.91*	
08 81 26 00-0038	SF	3/8" Thick, Frosted Field Installed Glass	25.17	
		For >50 To 200, Deduct	*-0.30*	
		For >200 To 400, Deduct	*-0.61*	
		For >400, Deduct	*-0.91*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.08*	

08 81 26 00-0039 Fire Rated Field Installed Glass *(08 81 26)*

08 81 26 00-0040 Fire Rated Field Installed Glass *(08 81 26 00-0039)*

08 81 26 00-0041	SF	20 Minute, Fire Rated Field Installed Glass	22.96	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.91*	
08 81 26 00-0042	SF	45 Minute, Fire Rated Field Installed Glass	33.91	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.91*	
08 81 26 00-0043	SF	60 Minute, Fire Rated Field Installed Glass	45.91	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.91*	
08 81 26 00-0044	SF	90 Minute, Fire Rated Field Installed Glass	56.91	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.91*	

08 81 26 00-0045 Laminated Field Installed Glass *(08 81 26)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 26 00-0046		Laminated Glass With PVB Interlayer, Field Installed Glass *(08 81 26 00-0045)*		
		Note: Type I, Class I, Quality Q3.		
08 81 26 00-0047	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	19.08	
		For >50 To 200, Deduct	*-0.22*	
		For >200 To 400, Deduct	*-0.43*	
		For >400, Deduct	*-0.65*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.91*	
		For Tinted Glass, Add	*1.79*	
		For Reflective Coated Glass, Add	*3.23*	
		For Low-E Coated Glass, Add	*1.79*	
		For One Piece Heat Strengthened Glass, Add	*1.43*	
		For One Piece Fully Tempered Glass, Add	*1.43*	
08 81 26 00-0048	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	24.03	
		For >50 To 200, Deduct	*-0.27*	
		For >200 To 400, Deduct	*-0.54*	
		For >400, Deduct	*-0.81*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.08*	
		For Tinted Glass, Add	*2.24*	
		For Reflective Coated Glass, Add	*4.03*	
		For Low-E Coated Glass, Add	*2.24*	
		For One Piece Heat Strengthened Glass, Add	*1.79*	
		For One Piece Fully Tempered Glass, Add	*1.79*	
08 81 26 00-0049	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	28.83	
		For >50 To 200, Deduct	*-0.36*	
		For >200 To 400, Deduct	*-0.73*	
		For >400, Deduct	*-1.09*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.67*	
		For Tinted Glass, Add	*3.04*	
		For Reflective Coated Glass, Add	*5.47*	
		For Low-E Coated Glass, Add	*3.04*	
		For One Piece Heat Strengthened Glass, Add	*2.43*	
		For One Piece Fully Tempered Glass, Add	*2.43*	
08 81 26 00-0050		Insulated Field Installed Glass *(08 81 26)*		
08 81 26 00-0051		Insulated Glass, Field Installed Glass *(08 81 26 00-0050)*		
		Note: Type I, Class I, Quality Q3.		
08 81 26 00-0052	SF	1/2" Thick, Insulated Field Installed Glass	19.08	
		Note: Two 1/8" lites with 1/4" air space.		
		For >50 To 200, Deduct	*-0.16*	
		For >200 To 400, Deduct	*-0.31*	
		For >400, Deduct	*-0.47*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.89*	
		For Tinted Glass, Add	*1.30*	
		For Reflective Coated Glass, Add	*2.34*	
		For Low-E Coated Glass, Add	*1.30*	
		For One Piece Heat Strengthened Glass, Add	*1.04*	
		For One Piece Fully Tempered Glass, Add	*1.04*	
		For One Piece Obscure Glass, Add	*2.21*	
		For Argon Gas, Add	*1.43*	
08 81 26 00-0053	SF	5/8" Thick, Insulated Field Installed Glass	20.07	
		Note: Two 3/16" lites with 1/4" air space.		
		For >50 To 200, Deduct	*-0.16*	
		For >200 To 400, Deduct	*-0.32*	
		For >400, Deduct	*-0.47*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.82*	
		For Tinted Glass, Add	*1.31*	
		For Reflective Coated Glass, Add	*2.36*	
		For Low-E Coated Glass, Add	*1.31*	
		For One Piece Heat Strengthened Glass, Add	*1.05*	
		For One Piece Fully Tempered Glass, Add	*1.05*	
		For One Piece Obscure Glass, Add	*2.23*	
		For Argon Gas, Add	*1.44*	
08 81 26 00-0054	SF	3/4" Thick, Insulated Field Installed Glass	21.67	
		Note: Two 1/4" lites with 1/4" air space.		
		For >50 To 200, Deduct	*-0.17*	
		For >200 To 400, Deduct	*-0.33*	
		For >400, Deduct	*-0.50*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.17*	
		For Tinted Glass, Add	*1.38*	
		For Reflective Coated Glass, Add	*2.48*	
		For Low-E Coated Glass, Add	*1.38*	
		For One Piece Heat Strengthened Glass, Add	*1.10*	
		For One Piece Fully Tempered Glass, Add	*1.10*	
		For One Piece Obscure Glass, Add	*2.34*	
		For Argon Gas, Add	*1.51*	
08 81 26 00-0055	SF	1" Thick, Insulated Field Installed Glass	22.44	
		Note: Two 1/4" lites with 1/2" air space.		
		For >50 To 200, Deduct	*-0.17*	
		For >200 To 400, Deduct	*-0.35*	
		For >400, Deduct	*-0.52*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.67*	
		For Tinted Glass, Add	*1.44*	
		For Reflective Coated Glass, Add	*2.60*	
		For Low-E Coated Glass, Add	*1.44*	
		For One Piece Heat Strengthened Glass, Add	*1.15*	
		For One Piece Fully Tempered Glass, Add	*1.15*	
		For One Piece Obscure Glass, Add	*2.45*	
		For Argon Gas, Add	*1.59*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 26 00-0056		Spandrel Field Installed Glass *(08 81 26)*		
08 81 26 00-0057		Monolithic Float Glass Panels Ceramic Back, Coated, Field Installed Glass *(08 81 26 00-0056)*		
08 81 26 00-0058	SF	1/4" - 5/16" Spandrel Glass, Up To 1000 SF, Field Installed Glass	19.03	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.23*	
08 81 26 00-0059	SF	1/4" - 5/16" Spandrel Glass, >1000 SF, Field Installed Glass	17.79	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.23*	
08 81 26 00-0060		Insulating Float Glass Panels Ceramic Back, Coated, Tempered, Field Installed Glass *(08 81 26 00-0056)*		
08 81 26 00-0061		1/4" Glass With 1" Fiberglass Insulation, Field Installed Glass *(08 81 26 00-0060)* Note: Also with aluminum foil vapor barrier.		
08 81 26 00-0062	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation Up To 20000 SF, Foil Vapor Barrier, Field Installed Glass	20.33	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.23*	
08 81 26 00-0063	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation >20000 SF, Foil Vapor Barrier, Field Installed Glass	18.92	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.23*	
08 81 26 00-0064		1/4" Glass With 3/4 To 7/8" Insulation, Field Installed Glass *(08 81 26 00-0060)*		
08 81 26 00-0065	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 24 Gauge Steel Interfacing, Field Installed Glass	22.78	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.23*	
08 81 26 00-0066	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 16 Gauge Steel Interfacing, Field Installed Glass	20.01	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.23*	
08 83		**Mirrors** *(08 80)* Note: Kind FT, Type I, Class I, Quality Q1.		
08 83 00 00-0001		Mirror Glass *(08 83)*		
08 83 00 00-0002		One-Way Vision Glass (Transparent Mirrors) *(08 83 00 00-0001)*		
08 83 00 00-0003	SF	1/4" One-Way Vision Glass (Transparent Mirrors)	27.96	5.95
		For >50 To 200, Deduct	*-0.49*	
		For >200 To 400, Deduct	*-0.81*	
		For >400, Deduct	*-1.30*	
08 83 00 00-0004		Tempered, One-Way Vision Glass (Transparent Mirrors) *(08 83 00 00-0001)*		
08 83 00 00-0005	SF	1/4" Tempered, One-Way Vision Glass (Transparent Mirrors)	35.40	5.95
		For >50 To 200, Deduct	*-0.71*	
		For >200 To 400, Deduct	*-1.18*	
		For >400, Deduct	*-1.89*	
08 83 00 00-0006		Clear Mirror Glass *(08 83 00 00-0001)*		
08 83 00 00-0007	SF	1/8" Clear Mirror Glass	13.12	4.76
		For >50 To 200, Deduct	*-0.11*	
		For >200 To 400, Deduct	*-0.18*	
		For >400, Deduct	*-0.29*	
08 83 00 00-0008	SF	3/16" Clear Mirror Glass	15.31	5.55
		For >50 To 200, Deduct	*-0.13*	
		For >200 To 400, Deduct	*-0.22*	
		For >400, Deduct	*-0.35*	
08 83 00 00-0009	SF	1/4" Clear Mirror Glass	16.62	5.95
		For >50 To 200, Deduct	*-0.15*	
		For >200 To 400, Deduct	*-0.24*	
		For >400, Deduct	*-0.39*	
08 83 00 00-0010		Tempered, Clear Mirror Glass *(08 83 00 00-0001)*		
08 83 00 00-0011	SF	1/8" Tempered, Clear Mirror Glass	17.24	4.76
		For >50 To 200, Deduct	*-0.23*	
		For >200 To 400, Deduct	*-0.39*	
		For >400, Deduct	*-0.62*	
08 83 00 00-0012	SF	3/16" Tempered, Clear Mirror Glass	19.67	5.55
		For >50 To 200, Deduct	*-0.26*	
		For >200 To 400, Deduct	*-0.44*	
		For >400, Deduct	*-0.70*	
08 83 00 00-0013	SF	1/4" Tempered, Clear Mirror Glass	21.48	5.95
		For >50 To 200, Deduct	*-0.29*	
		For >200 To 400, Deduct	*-0.49*	
		For >400, Deduct	*-0.78*	
08 83 00 00-0014		Accessories For Mirror Glass *(08 83)*		
08 83 00 00-0015	LF	1/8" J-Channel For Mounting Mirror Glass	3.34	
08 83 00 00-0016	LF	3/16" J-Channel For Mounting Mirror Glass	3.39	
08 83 00 00-0017	LF	1/4" J-Channel For Mounting Mirror Glass	4.04	
08 83 00 00-0018	LF	Aluminum Frame For Mounting Mirror Glass	4.95	
08 84		**Plastic Glazing** *(08 80)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 84 00 00-0001		Clear Polycarbonate Glazing (GE Lexan) *(08 84)*		
		See CSI section 08 88 53 00-0026 for security rated polycarbonate glazing.		
08 84 00 00-0002	SF	1/8" Clear Polycarbonate Glazing (GE Lexan)	11.61	
		For >50 To 200, Deduct	*-0.21*	
		For >200 To 400, Deduct	*-0.41*	
		For >400, Deduct	*-0.62*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*7.49*	
		For Mar Resistant Coating (One Or Two Sides), Add	*4.12*	
08 84 00 00-0003	SF	3/16" Clear Polycarbonate Glazing (GE Lexan)	13.83	
		For >50 To 200, Deduct	*-0.30*	
		For >200 To 400, Deduct	*-0.61*	
		For >400, Deduct	*-0.91*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*7.78*	
		For Mar Resistant Coating (One Or Two Sides), Add	*6.05*	
08 84 00 00-0004	SF	1/4" Clear Polycarbonate Glazing (GE Lexan)	15.21	
		For >50 To 200, Deduct	*-0.36*	
		For >200 To 400, Deduct	*-0.71*	
		For >400, Deduct	*-1.07*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*8.09*	
		For Mar Resistant Coating (One Or Two Sides), Add	*7.12*	
08 84 00 00-0005	SF	3/8" Clear Polycarbonate Glazing (GE Lexan)	21.52	
		For >50 To 200, Deduct	*-0.66*	
		For >200 To 400, Deduct	*-1.32*	
		For >400, Deduct	*-1.98*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*8.32*	
		For Mar Resistant Coating (One Or Two Sides), Add	*13.20*	
08 84 00 00-0006	SF	1/2" Clear Polycarbonate Glazing (GE Lexan)	26.80	
		For >50 To 200, Deduct	*-0.89*	
		For >200 To 400, Deduct	*-1.79*	
		For >400, Deduct	*-2.68*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*8.93*	
		For Mar Resistant Coating (One Or Two Sides), Add	*17.87*	
08 84 00 00-0007		Clear Acrylic Glazing (Plexiglas) *(08 84)*		
08 84 00 00-0008	SF	1/10" Clear Acrylic Glazing (Plexiglas)	9.69	
		For >50 To 200, Deduct	*-0.13*	
		For >200 To 400, Deduct	*-0.25*	
		For >400, Deduct	*-0.38*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*7.15*	
		For Colored, Add	*0.51*	
		For Shatterproof, Add	*1.52*	
		For Mirrored, Add	*2.03*	
08 84 00 00-0009	SF	1/8" Clear Acrylic Glazing (Plexiglas)	10.57	
		For >50 To 200, Deduct	*-0.15*	
		For >200 To 400, Deduct	*-0.31*	
		For >400, Deduct	*-0.46*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*7.49*	
		For Colored, Add	*0.62*	
		For Shatterproof, Add	*1.85*	
		For Mirrored, Add	*2.46*	
08 84 00 00-0010	SF	3/16" Clear Acrylic Glazing (Plexiglas)	12.32	
		For >50 To 200, Deduct	*-0.23*	
		For >200 To 400, Deduct	*-0.45*	
		For >400, Deduct	*-0.68*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*7.78*	
		For Colored, Add	*0.91*	
		For Shatterproof, Add	*2.72*	
		For Mirrored, Add	*3.63*	
08 84 00 00-0011	SF	1/4" Clear Acrylic Glazing (Plexiglas)	13.45	
		For >50 To 200, Deduct	*-0.27*	
		For >200 To 400, Deduct	*-0.54*	
		For >400, Deduct	*-0.80*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*8.09*	
		For Colored, Add	*1.07*	
		For Shatterproof, Add	*3.22*	
		For Mirrored, Add	*4.29*	
08 84 00 00-0012	SF	5/16" Clear Acrylic Glazing (Plexiglas)	14.95	
		For >50 To 200, Deduct	*-0.34*	
		For >200 To 400, Deduct	*-0.68*	
		For >400, Deduct	*-1.02*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*8.14*	
		For Colored, Add	*1.36*	
		For Shatterproof, Add	*4.09*	
		For Mirrored, Add	*5.45*	
08 84 00 00-0013	SF	3/8" Clear Acrylic Glazing (Plexiglas)	16.57	
		For >50 To 200, Deduct	*-0.41*	
		For >200 To 400, Deduct	*-0.83*	
		For >400, Deduct	*-1.24*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*8.32*	
		For Colored, Add	*1.65*	
		For Shatterproof, Add	*4.95*	
		For Mirrored, Add	*6.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 84 00 00-0014	SF	1/2" Clear Acrylic Glazing (Plexiglas)	19.52	
		For >50 To 200, Deduct	*-0.53*	
		For >200 To 400, Deduct	*-1.06*	
		For >400, Deduct	*-1.59*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*8.93*	
		For Colored, Add	*2.12*	
		For Shatterproof, Add	*6.35*	
		For Mirrored, Add	*8.47*	
08 84 00 00-0015	SF	3/4" Clear Acrylic Glazing (Plexiglas)	29.86	
		For >50 To 200, Deduct	*-0.93*	
		For >200 To 400, Deduct	*-1.86*	
		For >400, Deduct	*-2.78*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.30*	
08 84 00 00-0016	SF	1" Clear Acrylic Glazing (Plexiglas)	36.62	
		For >50 To 200, Deduct	*-1.22*	
		For >200 To 400, Deduct	*-2.43*	
		For >400, Deduct	*-3.65*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.28*	

08 85 Glazing Accessories *(08 80)*

Note: Applicable to reglazing tasks only, new window installations include the gasket.

08 85 00 00-0001 Neoprene Glazing Gaskets, Tongued Section Or Tongued Mullion *(08 85)*

Note: For glass sizes listed.

08 85 00 00-0002	LF	Neoprene Glazing Gasket, 1/4" Glass Tongued Section / Tongued Mullion	6.80	1.58
08 85 00 00-0003	LF	Neoprene Glazing Gasket, 3/8" Glass Tongued Section / Tongued Mullion	7.05	1.58
08 85 00 00-0004	LF	Neoprene Glazing Gasket, 1/2" Glass Tongued Section / Tongued Mullion	7.18	1.58
08 85 00 00-0005	LF	Neoprene Glazing Gasket, 3/4" Glass Tongued Section / Tongued Mullion	7.46	1.58
08 85 00 00-0006	LF	Neoprene Glazing Gasket, 1" Glass Tongued Section / Tongued Mullion	7.76	1.58

08 85 00 00-0007 Mullion Section, For Glass Sizes Listed *(08 85)*

08 85 00 00-0008	LF	Mullion Section For 1/4" Glass	3.41	0.79
08 85 00 00-0009	LF	Mullion Section For 3/8" Glass	4.14	0.79
08 85 00 00-0010	LF	Mullion Section For 1/2" Glass	4.73	0.79
08 85 00 00-0011	LF	Mullion Section For 3/4" Glass	5.89	0.79
08 85 00 00-0012	LF	Mullion Section For 1" Glass	6.80	0.79
08 85 00 00-0013	EA	Mullion Section Molded Corners	141.65	26.19

08 87 Glazing Surface Films *(08 80)*

08 87 13 Solar Control Films *(08 87)*

Note: Applied directly to one side of glazing with adhesive.

08 87 13 00-0001 Solar Control Window Films *(08 87 13)*

Note: Applied directly to one side of glazing with adhesive. Includes cleaning of window glazing prior to installation.

08 87 13 00-0002	SF	Tinted, Solar Control Window Film	5.11	
08 87 13 00-0003	SF	Obscurant, Solar Control Window Film	5.11	
08 87 13 00-0004	SF	Tinted, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	6.64	
08 87 13 00-0005	SF	Low E, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	6.94	

08 87 23 Safety And Security Films *(08 87)*

08 87 23 16 Security Films *(08 87 23)*

Note: Applied directly to one side of glazing with adhesive and secured at window frame with clear silicone adhesive.

08 87 23 16-0001 High Performance, Security And Safety Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0002 Clear, High Performance, Security And Safety Glazing Films *(08 87 23 16-0001)*

08 87 23 16-0003	SF	0.002" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL150)	10.92	
		For >1000 To 5000, Deduct	*-0.51*	
		For >5000, Deduct	*-0.68*	
08 87 23 16-0004	SF	0.004" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL400)	11.49	
		For >1000 To 5000, Deduct	*-0.53*	
		For >5000, Deduct	*-0.73*	
08 87 23 16-0005	SF	0.006" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ Ultra600)	12.29	
		For >1000 To 5000, Deduct	*-0.56*	
		For >5000, Deduct	*-0.81*	

08 87 23 16-0006 Tinted, High Performance Sun/Solar, Security And Safety Glazing Films *(08 87 23 16-0001)*

08 87 23 16-0007	SF	0.004" Silver, 20% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S20SIAR400)	12.12	
		For >1000 To 5000, Deduct	*-0.55*	
		For >5000, Deduct	*-0.80*	
08 87 23 16-0008	SF	0.004" Neutral, 35% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S35NEAR400)	12.12	
		For >1000 To 5000, Deduct	*-0.55*	
		For >5000, Deduct	*-0.80*	
08 87 23 16-0009	SF	0.004" Neutral, 50% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S50NEAR400)	12.12	
		For >1000 To 5000, Deduct	*-0.55*	
		For >5000, Deduct	*-0.80*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 87 23 16-0010		Security And Safety Glazing Films *(08 87 23 16)*		
		Note: Includes cleaning of window glazing prior to installation.		
08 87 23 16-0011	SF	0.007" Clear Security And Safety Glazing Film (3M Scotchshield™ SH7CLARL)	10.28	
		For >1000 To 5000, Deduct	*-0.48*	
		For >5000, Deduct	*-0.61*	
08 87 23 16-0012	SF	0.008" Clear Security And Safety Glazing Film (3M Scotchshield™ SH8CLARL)	10.44	
		For >1000 To 5000, Deduct	*-0.49*	
		For >5000, Deduct	*-0.63*	
08 87 23 16-0013	SF	0.014" Clear Security And Safety Glazing Film (3M Scotchshield™ SH14CLARL)	11.88	
		For >1000 To 5000, Deduct	*-0.54*	
		For >5000, Deduct	*-0.77*	
08 87 23 16-0014		Anti-Graffiti Glazing Films *(08 87 23 16)*		
		Note: Includes cleaning of window glazing prior to installation.		
08 87 23 16-0015	SF	0.004" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-4)	10.28	
		For >1000 To 5000, Deduct	*-0.48*	
		For >5000, Deduct	*-0.61*	
08 87 23 16-0016	SF	0.007" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-7)	10.44	
		For >1000 To 5000, Deduct	*-0.49*	
		For >5000, Deduct	*-0.63*	
08 88		**Special Function Glazing** *(08 80)*		
08 88 49		**Radiation-Resistant Glazing** *(08 88)*		
08 88 49 00-0001		Leaded Glass (X-Ray Shielding) *(08 88 49)*		
08 88 49 00-0002	SF	1/4" Thick Lead Glass With 1/16" Pb Equivalence	181.19	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.08*	
08 88 49 00-0003	SF	1/4" Thick Lead Glass With 1/8" Pb Equivalence	267.35	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.08*	
08 88 53		**Security Glazing** *(08 88)*		
08 88 53 00-0001		Forced Entry And/Or Ballistic Resistant All Glass Laminate *(08 88 53)*		
08 88 53 00-0002		Ballistic Resistant Glass *(08 88 53 00-0001)*		
08 88 53 00-0003	SF	1.28" All Glass Laminate Ballistic Resistant Glass, Level 1, 16.2 LB/SF, For A Single Piece, Up To 15 SF	74.32	19.84
		For Glass Removal And Preparing Opening For New Glazing, Add	*49.21*	
08 88 53 00-0004	SF	1.28" All Glass Laminate Ballistic Resistant Glass, Level 1, 16.2 LB/SF, For A Single Piece, >15 SF	82.83	19.84
		For Glass Removal And Preparing Opening For New Glazing, Add	*49.21*	
08 88 53 00-0005	SF	1.55" All Glass Laminate Ballistic Resistant Glass, Level 2, 21.2 LB/SF, For A Single Piece, Up To 15 SF	93.81	22.22
		For Glass Removal And Preparing Opening For New Glazing, Add	*55.56*	
08 88 53 00-0006	SF	1.55" All Glass Laminate Ballistic Resistant Glass, Level 2, 21.2 LB/SF, For A Single Piece, >15 SF	100.91	22.22
		For Glass Removal And Preparing Opening For New Glazing, Add	*55.56*	
08 88 53 00-0007	SF	2.05" All Glass Laminate Ballistic Resistant Glass, Level 3, 26.1 LB/SF, For A Single Piece, Up To 15 SF	114.87	25.40
		For Glass Removal And Preparing Opening For New Glazing, Add	*63.49*	
08 88 53 00-0008	SF	2.05" All Glass Laminate Ballistic Resistant Glass, Level 3, 26.1 LB/SF, For A Single Piece, >15 SF	120.58	25.40
		For Glass Removal And Preparing Opening For New Glazing, Add	*63.49*	
08 88 53 00-0009		Forced Entry Resistant Glass *(08 88 53 00-0001)*		
08 88 53 00-0010	SF	5/16" Forced Entry Resistant Laminated Glass Sheet	26.32	5.95
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.40*	
08 88 53 00-0011	SF	1/2" Forced Entry Resistant Laminated Glass Sheet	29.50	6.35
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.23*	
08 88 53 00-0012	SF	11/16" Forced Entry Resistant Laminated Glass Sheet	33.24	6.75
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.17*	
08 88 53 00-0013	SF	7/8" Forced Entry Resistant Laminated Glass Sheet	37.20	7.54
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.27*	
08 88 53 00-0014		Glass Clad Polycarbonate *(08 88 53)*		
08 88 53 00-0015	SF	0.76" Ballistic Resistant Glass/Poly, Level 1, 6.4 LB/SF	102.67	23.81
		For Glass Removal And Preparing Opening For New Glazing, Add	*60.32*	
08 88 53 00-0016	SF	0.8125" Ballistic Resistant Glass/Poly, Level 2, 8.99 LB/SF	116.04	27.94
		For Glass Removal And Preparing Opening For New Glazing, Add	*69.84*	
08 88 53 00-0017	SF	1.18" Ballistic Resistant Glass/Poly, Level 3, 11.5 LB/SF	143.16	31.75
		For Glass Removal And Preparing Opening For New Glazing, Add	*79.36*	
08 88 53 00-0018		Ballistic Resistant Acrylic *(08 88 53)*		
08 88 53 00-0019	SF	1.25" Ballistic Resistant Acrylic Glass, Level 1, 7.7 LB/SF	153.82	23.81
		For Glass Removal And Preparing Opening For New Glazing, Add	*60.32*	
08 88 53 00-0020	SF	1.378" Ballistic Resistant Acrylic Glass, Level 2, 8.5 LB/SF	179.84	27.78
		For Glass Removal And Preparing Opening For New Glazing, Add	*69.84*	
08 88 53 00-0021	SF	1.25" Ballistic Resistant Acrylic Glass, Level 3, 7.5 LB/SF	233.36	31.75
		For Glass Removal And Preparing Opening For New Glazing, Add	*79.36*	
08 88 53 00-0022		Ballistic Resistant Fiberglass *(08 88 53)*		
08 88 53 00-0023	SF	5/16" Ballistic Resistant Fiberglass, Level 1, 3.2 LB/SF	45.78	15.08
		For Glass Removal And Preparing Opening For New Glazing, Add	*30.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0024	SF	3/8" Ballistic Resistant Fiberglass, Level 2, 3.5 LB/SF	53.77	17.46
		For Glass Removal And Preparing Opening For New Glazing, Add	*34.93*	
08 88 53 00-0025	SF	7/16" Ballistic Resistant Fiberglass, Level 3, 4.5 LB/SF	61.03	19.84
		For Glass Removal And Preparing Opening For New Glazing, Add	*39.69*	
08 88 53 00-0026		Forced Entry And/Or Ballistic Resistant Polycarbonate *(08 88 53)*		
08 88 53 00-0027		Forced Entry Resistant Monolithic Polycarbonate *(08 88 53 00-0026)* Note: GE-Lexan MR10.		
08 88 53 00-0028	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level 1 or ASTM F1233, Class II (Step 5).	73.96	36.04
		For Glass Removal And Preparing Opening For New Glazing, Add	*48.10*	
08 88 53 00-0029		Forced Entry Resistant Glass Clad Polycarbonate Laminate *(08 88 53 00-0026)* Note: Chemically strengthened clear glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0030	SF	9/16" Overall Nominal Thickness, H.P. White TP-0500.01, Level 1	91.46	23.81
		For Glass Removal And Preparing Opening For New Glazing, Add	*59.53*	
08 88 53 00-0031		Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)* Note: GE-Lexgard MPC-500.		
08 88 53 00-0032	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level II (Step 12) Or ASTM 1233 Class III (Step 15).	109.58	45.71
		For Glass Removal And Preparing Opening For New Glazing, Add	*63.49*	
08 88 53 00-0033		Fire Resistant, Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)* Note: Wire glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Firegard.		
08 88 53 00-0034	SF	7/8" Overall Nominal Thickness, H.P. White TP-0500.01, Level I Note: UL-9 Fire Resistant.	119.48	28.20
		For Glass Removal And Preparing Opening For New Glazing, Add	*67.46*	
08 88 53 00-0035		Insulated, Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)* Note: Glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0036	SF	1-5/16" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level I (1/4" tempered float glass, 1/2" airspace).	102.88	23.81
		For Glass Removal And Preparing Opening For New Glazing, Add	*59.53*	
08 88 53 00-0037		Ballistic And Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)*		
08 88 53 00-0038	SF	1" Nominal Thickness, Ballistic Or Forced Entry Resistant Note: 1" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (step 42) or ASTM 1233 class V (Step 40) ballistic resistance: UL 752, level 2-high powered small arms (.357 Magnum handgun).	235.71	53.02
		For Glass Removal And Preparing Opening For New Glazing, Add	*131.75*	
08 88 53 00-0039	SF	1-1/4" Nominal Thickness, Ballistic Or Forced Entry Resistant Note: 1 1/4" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (Step 42) or ASTM 1233 class V (step 40) ballistic resistance: UL 752, level 3-super high powered small arms (.44 Magnum handgun).	238.17	53.02
		For Glass Removal And Preparing Opening For New Glazing, Add	*131.75*	
08 88 53 00-0040		Ballistic Resistant Glass Clad Polycarbonate Laminate *(08 88 53 00-0026)* Note: Chemically strengthened clear glass laminated to attack side of a polycarbonate core.		
08 88 53 00-0041	SF	1-5/16" Overall Nominal Thickness, Ballistic Resistant Note: UL 752, Level 4 - Super High Powered Rifle (.30-06 Rifle), (GE-Armor-Gard).	157.24	33.60
		For Glass Removal And Preparing Opening For New Glazing, Add	*88.90*	

08 90 Louvers And Vents *(08)*

08 91 Louvers *(08 90)*

08 91 16 Operable Wall Louvers *(08 91)*

08 91 16 00-0001		Manual Operable Wall Louvers *(08 91 16)* Note: Includes painted steel frames. Drainable or non-drainable. See CSI section 23 09 23 00-0273 for actuator for motorized louver.		
08 91 16 00-0002	SF	4 To 10 SF, 4' Depth, Painted Steel, Manual Operable Wall Louver	80.55	4.98
		For Fusible Link Type, Add	*2.94*	
		For Galvanized Steel, Add	*6.52*	
		For Aluminum, Add	*7.81*	
		For Bronze, Add	*9.80*	
		For Stainless Steel, Add	*17.61*	
08 91 16 00-0003	SF	>10 SF, 4' Depth, Painted Steel, Manual Operable Wall Louver	74.26	4.98
		For Fusible Link Type, Add	*2.62*	
		For Galvanized Steel, Add	*5.82*	
		For Aluminum, Add	*6.97*	
		For Bronze, Add	*8.75*	
		For Stainless Steel, Add	*15.73*	

08 91 19 Fixed Louvers *(08 91)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0001		**Fixed Wall Louvers** *(08 91 19)* Note: Includes painted steel frames.		
08 91 19 00-0002	SF	4 To 10 SF, 4' Depth, Painted Steel, Fixed Wall Louver	67.61	4.98
		For Galvanized Steel, Add	*5.08*	
		For Aluminum, Add	*6.09*	
		For Bronze, Add	*7.64*	
		For Stainless Steel, Add	*13.73*	
08 91 19 00-0003	SF	>10 SF, 4' Depth, Painted Steel, Fixed Wall Louver	51.73	4.98
		For Galvanized Steel, Add	*3.32*	
		For Aluminum, Add	*3.98*	
		For Bronze, Add	*4.99*	
		For Stainless Steel, Add	*8.97*	
08 91 19 00-0004		**Gable Louver Vents** *(08 91 19)* Note: 1" deep, residential/light commercial grade louvers.		
08 91 19 00-0005		**Aluminum Gable Louver Vents** *(08 91 19 00-0004)* Note: Includes screen.		
08 91 19 00-0006		**Rectangular Aluminum Gable Louver Vents** *(08 91 19 00-0005)* Note: Includes screen.		
08 91 19 00-0007	EA	12" x 18" Rectangular Fixed Aluminum Gable Louver Vent	137.00	7.75
08 91 19 00-0008	EA	12" x 24" Rectangular Fixed Aluminum Gable Louver Vent	150.18	8.89
08 91 19 00-0009	EA	18" x 24" Rectangular Fixed Aluminum Gable Louver Vent	173.12	10.04
08 91 19 00-0010	EA	18" x 30" Rectangular Fixed Aluminum Gable Louver Vent	189.61	10.68
08 91 19 00-0011	EA	24" x 30" Rectangular Fixed Aluminum Gable Louver Vent	215.83	11.31
08 91 19 00-0012	EA	24" x 36" Rectangular Fixed Aluminum Gable Louver Vent	242.08	13.56
08 91 19 00-0013	EA	30" x 36" Rectangular Fixed Aluminum Gable Louver Vent	281.47	16.95
08 91 19 00-0014	EA	30" x 42" Rectangular Fixed Aluminum Gable Louver Vent	314.30	19.78
08 91 19 00-0015	EA	36" x 42" Rectangular Fixed Aluminum Gable Louver Vent	360.26	23.74
08 91 19 00-0016	EA	42" x 48" Rectangular Fixed Aluminum Gable Louver Vent	452.17	31.65
08 91 19 00-0017		**Square Aluminum Gable Louver Vents** *(08 91 19 00-0005)* Note: Includes screen.		
08 91 19 00-0018	EA	12" x 12" Square Fixed Aluminum Gable Louver Vent	125.43	7.13
08 91 19 00-0019	EA	18" x 18" Square Fixed Aluminum Gable Louver Vent	155.49	9.05
08 91 19 00-0020	EA	24" x 24" Square Fixed Aluminum Gable Louver Vent	194.47	10.68
08 91 19 00-0021	EA	30" x 30" Square Fixed Aluminum Gable Louver Vent	248.65	14.13
08 91 19 00-0022	EA	36" x 36" Square Fixed Aluminum Gable Louver Vent	320.87	20.35
08 91 19 00-0023	EA	42" x 42" Square Fixed Aluminum Gable Louver Vent	406.15	27.67
08 91 19 00-0024	EA	48" x 48" Square Fixed Aluminum Gable Louver Vent	504.70	36.17
08 91 19 00-0025		**Round Aluminum Gable Louver Vents** *(08 91 19 00-0005)* Note: Includes screen.		
08 91 19 00-0026	EA	12" Diameter Round Fixed Aluminum Gable Louver Vent	125.43	7.13
08 91 19 00-0027	EA	18" Diameter Round Fixed Aluminum Gable Louver Vent	155.49	9.05
08 91 19 00-0028	EA	24" Diameter Round Fixed Aluminum Gable Louver Vent	194.47	10.68
08 91 19 00-0029	EA	30" Diameter Round Fixed Aluminum Gable Louver Vent	248.65	14.13
08 91 19 00-0030	EA	36" Diameter Round Fixed Aluminum Gable Louver Vent	320.87	20.35
08 91 19 00-0031	EA	42" Diameter Round Fixed Aluminum Gable Louver Vent	406.22	27.69
08 91 19 00-0032		**Octagonal Aluminum Gable Louver Vents** *(08 91 19 00-0005)* Note: Includes screen.		
08 91 19 00-0033	EA	12" x 12" Octagonal Fixed Aluminum Gable Louver Vent	125.43	7.13
08 91 19 00-0034	EA	12" x 18" Octagonal Fixed Aluminum Gable Louver Vent	137.00	7.75
08 91 19 00-0035	EA	12" x 24" Octagonal Fixed Aluminum Gable Louver Vent	150.18	8.89
08 91 19 00-0036	EA	18" x 18" Octagonal Fixed Aluminum Gable Louver Vent	155.49	9.05
08 91 19 00-0037	EA	18" x 24" Octagonal Fixed Aluminum Gable Louver Vent	173.12	10.04
08 91 19 00-0038	EA	18" x 30" Octagonal Fixed Aluminum Gable Louver Vent	189.61	10.68
08 91 19 00-0039	EA	24" x 24" Octagonal Fixed Aluminum Gable Louver Vent	194.47	10.68
08 91 19 00-0040	EA	24" x 30" Octagonal Fixed Aluminum Gable Louver Vent	215.83	11.31
08 91 19 00-0041	EA	24" x 36" Octagonal Fixed Aluminum Gable Louver Vent	242.08	13.56
08 91 19 00-0042	EA	30" x 30" Octagonal Fixed Aluminum Gable Louver Vent	248.65	14.13
08 91 19 00-0043	EA	30" x 36" Octagonal Fixed Aluminum Gable Louver Vent	281.47	16.95
08 91 19 00-0044	EA	30" x 42" Octagonal Fixed Aluminum Gable Louver Vent	314.30	19.78
08 91 19 00-0045	EA	36" x 36" Octagonal Fixed Aluminum Gable Louver Vent	320.87	20.35
08 91 19 00-0046	EA	36" x 42" Octagonal Fixed Aluminum Gable Louver Vent	360.26	23.74
08 91 19 00-0047	EA	36" x 48" Octagonal Fixed Aluminum Gable Louver Vent	399.66	27.13
08 91 19 00-0048	EA	42" x 42" Octagonal Fixed Aluminum Gable Louver Vent	406.22	27.69
08 91 19 00-0049	EA	42" x 48" Octagonal Fixed Aluminum Gable Louver Vent	452.17	31.65
08 91 19 00-0050	EA	48" x 48" Octagonal Fixed Aluminum Gable Louver Vent	504.70	36.17
08 91 19 00-0051		**Round Top Aluminum Gable Louver Vents** *(08 91 19 00-0005)* Note: Includes screen.		
08 91 19 00-0052	EA	12" x 12" Round Top Fixed Aluminum Gable Louver Vent	125.43	7.13
08 91 19 00-0053	EA	12" x 18" Round Top Fixed Aluminum Gable Louver Vent	137.00	7.75
08 91 19 00-0054	EA	12" x 24" Round Top Fixed Aluminum Gable Louver Vent	150.18	8.89
08 91 19 00-0055	EA	18" x 18" Round Top Fixed Aluminum Gable Louver Vent	155.49	9.05
08 91 19 00-0056	EA	18" x 24" Round Top Fixed Aluminum Gable Louver Vent	173.12	10.04
08 91 19 00-0057	EA	18" x 30" Round Top Fixed Aluminum Gable Louver Vent	189.61	10.68
08 91 19 00-0058	EA	24" x 24" Round Top Fixed Aluminum Gable Louver Vent	194.47	10.68
08 91 19 00-0059	EA	24" x 30" Round Top Fixed Aluminum Gable Louver Vent	215.83	11.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0060	EA	24" x 36" Round Top Fixed Aluminum Gable Louver Vent	242.08	13.56
08 91 19 00-0061	EA	30" x 30" Round Top Fixed Aluminum Gable Louver Vent	248.65	14.13
08 91 19 00-0062	EA	30" x 36" Round Top Fixed Aluminum Gable Louver Vent	281.47	16.95
08 91 19 00-0063	EA	30" x 42" Round Top Fixed Aluminum Gable Louver Vent	314.30	19.78
08 91 19 00-0064	EA	36" x 36" Round Top Fixed Aluminum Gable Louver Vent	320.87	20.35
08 91 19 00-0065	EA	36" x 42" Round Top Fixed Aluminum Gable Louver Vent	360.26	23.74
08 91 19 00-0066	EA	36" x 48" Round Top Fixed Aluminum Gable Louver Vent	399.66	27.13
08 91 19 00-0067	EA	42" x 42" Round Top Fixed Aluminum Gable Louver Vent	406.22	27.69
08 91 19 00-0068	EA	42" x 48" Round Top Fixed Aluminum Gable Louver Vent	452.17	31.65
08 91 19 00-0069	EA	48" x 48" Round Top Fixed Aluminum Gable Louver Vent	504.70	36.17

08 91 19 00-0070 Triangle Aluminum Gable Louver Vents *(08 91 19 00-0005)*

Note: Includes screen.

08 91 19 00-0071	EA	36" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	257.28	8.89
08 91 19 00-0072	EA	36" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	291.83	10.68
08 91 19 00-0073	EA	48" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	313.20	11.31
08 91 19 00-0074	EA	48" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	358.92	13.56
08 91 19 00-0075	EA	48" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	399.57	14.13
08 91 19 00-0076	EA	60" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent	330.16	16.95
08 91 19 00-0077	EA	60" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	387.33	19.78
08 91 19 00-0078	EA	60" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	437.71	20.35
08 91 19 00-0079	EA	60" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	496.57	23.74
08 91 19 00-0080	EA	72" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent	399.66	27.13
08 91 19 00-0081	EA	72" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	459.77	27.69
08 91 19 00-0082	EA	72" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	530.06	31.65
08 91 19 00-0083	EA	72" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	602.07	36.17
08 91 19 00-0084	EA	72" Base x 48" High Triangle Fixed Aluminum Gable Louver Vent	676.68	41.57

08 91 19 00-0085 Vinyl Gable Louver Vents *(08 91 19 00-0004)*

Note: Includes screen.

08 91 19 00-0086	EA	12" x 12" Square Fixed Vinyl Gable Louver Vent	43.91	7.13
08 91 19 00-0087	EA	12" x 18" Rectangular Fixed Vinyl Gable Louver Vent	52.50	7.75
08 91 19 00-0088	EA	18" x 24" Rectangular Fixed Vinyl Gable Louver Vent	71.31	10.04
08 91 19 00-0089	EA	24" x 30" Rectangular Fixed Vinyl Gable Louver Vent	96.11	11.31
08 91 19 00-0090	EA	18" Diameter Round Fixed Vinyl Gable Louver Vent	68.61	9.05
08 91 19 00-0091	EA	22" Diameter Round Fixed Vinyl Gable Louver Vent	79.42	10.68
08 91 19 00-0092	EA	30" Diameter Round Fixed Vinyl Gable Louver Vent	111.40	14.13
08 91 19 00-0093	EA	36" Diameter Round Fixed Vinyl Gable Louver Vent	162.61	20.35
08 91 19 00-0094	EA	18" x 18" Octagonal Fixed Vinyl Gable Louver Vent	68.61	9.05
08 91 19 00-0095	EA	22" x 22" Octagonal Fixed Vinyl Gable Louver Vent	77.54	10.04
08 91 19 00-0096	EA	27" x 27" Octagonal Fixed Vinyl Gable Louver Vent	98.98	11.31
08 91 19 00-0097	EA	32" x 32" Octagonal Fixed Vinyl Gable Louver Vent	141.13	16.95
08 91 19 00-0098	EA	40" x 40" Octagonal Fixed Vinyl Gable Louver Vent	327.04	27.13
08 91 19 00-0099	EA	14" x 22" Round Top Fixed Vinyl Gable Louver Vent	67.25	8.89
08 91 19 00-0100	EA	22" x 32" Round Top Fixed Vinyl Gable Louver Vent	93.03	11.31
08 91 19 00-0101	EA	34" x 22" Half Round Fixed Vinyl Gable Louver Vent	97.57	13.56
08 91 19 00-0102	EA	52" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent	214.86	16.95
08 91 19 00-0103	EA	56" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent	214.86	16.95
08 91 19 00-0104	EA	56" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent	214.86	16.95
08 91 19 00-0105	EA	62" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent	214.86	16.95
08 91 19 00-0106	EA	62-1/2" Base x 21" High Triangle Fixed Vinyl Gable Louver Vent	214.86	16.95
08 91 19 00-0107	EA	70-1/2" Base x 17" High Triangle Fixed Vinyl Gable Louver Vent	245.42	27.13
08 91 19 00-0108	EA	70-1/2" Base x 20-1/2" High Triangle Fixed Vinyl Gable Louver Vent	245.42	27.13
08 91 19 00-0109	EA	72-1/2" Base x 18" High Triangle Fixed Vinyl Gable Louver Vent	245.42	27.13
08 91 19 00-0110	EA	74" Base x 14-1/2" High Triangle Fixed Vinyl Gable Louver Vent	245.42	27.13

08 95 Vents *(08 90)*

08 95 13 Soffit Vents *(08 95)*

08 95 13 00-0001 Aluminum Soffit Vents *(08 95 13)*

08 95 13 00-0002	LF	2-1/2" Wide Aluminum Soffit Vent	4.65	1.91
08 95 13 00-0003	LF	3" Wide Aluminum Soffit Vent	8.83	3.73
08 95 13 00-0004	EA	4" x 16" Under Eave Vent, Mill Finish	13.03	4.98
08 95 13 00-0005	EA	8" x 16" Under Eave Vent, Mill Finish	13.28	4.98

08 95 13 00-0006 Vinyl Soffit Vents *(08 95 13)*

08 95 13 00-0007	LF	Up To 2" Vinyl Soffit Vent, Perforated, White	4.05	1.75
		For Colors, Add	*0.06*	
08 95 13 00-0008	LF	3" To 4" Vinyl Soffit Vent, Perforated, White	4.11	1.75
		For Colors, Add	*0.06*	

08 95 16 Wall Vents *(08 95)*

08 95 16 00-0001 Foundation Vents *(08 95 16)*

08 95 16 00-0002	SI	Galvanized Steel Foundation Vent	0.39	0.15
08 95 16 00-0003	SI	Aluminum Foundation Vent	0.41	0.15
08 95 16 00-0004	SI	Stainless Steel Foundation Vent	0.91	0.15
08 95 16 00-0005	SI	Plastic Foundation Vent	0.30	0.15

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 Finishes

09 01 Maintenance Of Finishes *(09)*

09 01 20 Maintenance Of Plaster And Gypsum Board *(09 01)*

09 01 20 00-0001 Drywall Repair *(09 01 20)*

Note: Per location. See CSI section 09 29 00 00-0000 for "Gypsum Board" repairs > 32 SF.

09 01 20 00-0002	SF	Up To 2 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	12.71
09 01 20 00-0003	SF	>2 To 4 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	10.26
09 01 20 00-0004	SF	>4 To 8 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	9.21
09 01 20 00-0005	SF	>8 To 16 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	8.12
09 01 20 00-0006	SF	>16 To 32 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location. See CSI section 09 29 00 00-0001 for "Gypsum Board" repairs > 32 SF.	7.27

09 01 20 00-0007 Plaster/Stucco Repair *(09 01 20)*

Note: Per location.

09 01 20 00-0008 Crack Repairs *(09 01 20 00-0007)*

Note: Includes plaster weld.

09 01 20 00-0009	LF	Up To 10', Chip, Clean And Repair Crack In Plaster/Stucco	12.38
09 01 20 00-0010	LF	>10' To 50', Chip, Clean And Repair Crack In Plaster/Stucco	9.93
09 01 20 00-0011	LF	>50' To 100', Chip, Clean And Repair Crack In Plaster/Stucco	8.09
09 01 20 00-0012	LF	>100' To 250', Chip, Clean And Repair Crack In Plaster/Stucco	6.26
09 01 20 00-0013	LF	>250' To 500', Chip, Clean And Repair Crack In Plaster/Stucco	5.03
09 01 20 00-0014	LF	>500', Chip, Clean And Repair Crack In Plaster/Stucco	3.81

09 01 20 00-0015 Hole Repairs *(09 01 20 00-0007)*

Note: Includes plaster weld.

09 01 20 00-0016	SF	Up To 10 SF, Cut And Patch Hole In Plaster/Stucco To Match Existing	11.69
09 01 20 00-0017	SF	>10 To 50 SF, Cut And Patch Hole In Plaster/Stucco To Match Existing	10.34
09 01 20 00-0018	SF	>50 To 100 SF, Cut And Patch Hole In Plaster/Stucco To Match Existing	9.51
09 01 20 00-0019	SF	>100 To 250 SF, Cut And Patch Hole In Plaster/Stucco To Match Existing	8.83
09 01 20 00-0020	SF	>250 To 500 SF, Cut And Patch Hole In Plaster/Stucco To Match Existing	8.23
09 01 20 00-0021	SF	>500 SF, Cut And Patch Hole In Plaster/Stucco To Match Existing	7.57

09 01 20 00-0022 Damage Repairs *(09 01 20 00-0007)*

Note: Includes plaster weld.

09 01 20 00-0023	SF	Up To 10 SF, Chip, Clean And Repair Plaster/Stucco	22.20
09 01 20 00-0024	SF	>10 To 50 SF, Chip, Clean And Repair Plaster/Stucco	16.07
09 01 20 00-0025	SF	>50 To 250 SF, Chip, Clean And Repair Plaster/Stucco	11.78
09 01 20 00-0026	SF	>250 SF, Chip, Clean And Repair Plaster/Stucco	9.33

09 01 30 Maintenance of Tiling *(09 01)*

09 01 30 91 Tile Restoration *(09 01 30)*

09 01 30 91-0001	SF	Regrout Floor Tile Including Removal Of Loose Grout	5.31
09 01 30 91-0002	SF	Regrout Wall Tile Including Removal Of Loose Grout	6.63
09 01 30 91-0003	SF	Cut And Patch Hole In Tile To Match Existing, Up To 1 SF Note: Per location.	34.24

09 01 60 Maintenance Of Flooring *(09 01)*

09 01 60 00-0001 Terrazzo Grinding, Polishing And Sealing *(09 01 60)*

09 01 60 00-0002	CSF	Grind Existing Terrazzo, Polish And Seal	245.78
09 01 60 00-0003	SF	Remove Setting Bed And Clean Area	3.78
09 01 60 00-0004	SF	Repair Existing Terrazzo	16.52
09 01 60 00-0005	LF	Repair Cracks In Existing Terrazzo	3.84

09 01 60 00-0006 Standard Maintenance *(09 01 60)*

09 01 60 00-0007	CSF	Carpet - Steam Clean	15.71
09 01 60 00-0008	CSF	Tile - Wax And Polish	35.21
09 01 60 00-0009	CSF	Wood - Wax And Polish	30.07
09 01 60 00-0010	MSF	Vacuum Floors	18.76

09 01 60 00-0011 Concrete Floor Prep *(09 01 60)*

09 01 60 00-0012	SY	Grinding Of Existing Concrete Floor Prior To Installation Of Carpet	11.32
09 01 60 00-0013	SY	Chemical Prepare Existing Concrete Floor Prior To Installation Of Carpet	5.89

09 20 Plaster And Gypsum Board *(09)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 22 Supports For Plaster And Gypsum Board *(09 20)*

Note: Per SF of wall area measures one side. Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 22 13 Metal Furring *(09 22)*

09 22 13 00-0001 Hat Channel, Drywall Furring Channel *(09 22 13)*

Note: Includes clips where required.

09 22 13 00-0002 Hat Channel, Drywall Furring Channel, Installed On Walls *(09 22 13 00-0001)*

09 22 13 00-0003	SF	7/8", 25 Gauge, Hat Channel, Drywall Furring Channel, Installed On Walls 16" On Center	3.03	1.27
		For Walls >10' High, Add	*0.38*	
		For 24" On Center, Deduct	*-0.35*	
		For 12" On Center, Add	*0.48*	
		For 22 Gauge, Add	*0.29*	
		For 20 Gauge, Add	*0.58*	
09 22 13 00-0004	SF	1-1/2", 25 Gauge, Hat Channel, Drywall Furring Channel, Installed On Walls 16" On Center	3.22	1.27
		For Walls >10' High, Add	*0.38*	
		For 24" On Center, Deduct	*-0.39*	
		For 12" On Center, Add	*0.52*	
		For 22 Gauge, Add	*0.33*	
		For 20 Gauge, Add	*0.65*	

09 22 13 00-0005 Hat Channel, Drywall Furring Channel, Installed On Columns And Beams *(09 22 13 00-0001)*

09 22 13 00-0006	SF	7/8", 25 Gauge, Hat Channel, Drywall Furring Channel, Installed On Columns And Beams 16" On Center	4.40	1.95
		For Columns And Beams >10' High, Add	*0.78*	
		For 24" On Center, Deduct	*-0.49*	
		For 12" On Center, Add	*0.68*	
		For 22 Gauge, Add	*0.39*	
		For 20 Gauge, Add	*0.78*	
09 22 13 00-0007	SF	1-1/2", 25 Gauge, Hat Channel, Drywall Furring Channel, Installed On Columns And Beams 16" On Center	4.59	1.95
		For Columns And Beams >10' High, Add	*0.78*	
		For 24" On Center, Deduct	*-0.53*	
		For 12" On Center, Add	*0.72*	
		For 22 Gauge, Add	*0.43*	
		For 20 Gauge, Add	*0.86*	

09 22 13 00-0008 Hat Channel, Drywall Furring Channel, Installed On Ceilings *(09 22 13 00-0001)*

09 22 13 00-0009	SF	7/8", 25 Gauge, Hat Channel, Drywall Furring Channel, Installed On Ceilings 16" On Center	3.94	1.57
		For Ceilings >10' High, Add	*0.47*	
		For 24" On Center, Deduct	*-0.48*	
		For 12" On Center, Add	*0.63*	
		For 22 Gauge, Add	*0.40*	
		For 20 Gauge, Add	*0.79*	
09 22 13 00-0010	SF	1-1/2", 25 Gauge, Hat Channel, Drywall Furring Channel, Installed On Ceilings 16" On Center	4.13	1.57
		For Ceilings >10' High, Add	*0.47*	
		For 24" On Center, Deduct	*-0.51*	
		For 12" On Center, Add	*0.67*	
		For 22 Gauge, Add	*0.43*	
		For 20 Gauge, Add	*0.87*	

09 22 13 00-0011 Z Furring Channel *(09 22 13)*

09 22 13 00-0012 Z Furring Channel, Installed On Walls *(09 22 13 00-0011)*

09 22 13 00-0013	SF	1", 25 Gauge, Z Furring Channel, Installed On Walls 16" On Center	2.69	1.27
		For Walls >10' High, Add	*0.38*	
		For 24" On Center, Deduct	*-0.28*	
		For 12" On Center, Add	*0.41*	
		For 22 Gauge, Add	*0.22*	
		For 20 Gauge, Add	*0.44*	
09 22 13 00-0014	SF	1-1/2", 25 Gauge, Z Furring Channel, Installed On Walls 16" On Center	2.72	1.27
		For Walls >10' High, Add	*0.38*	
		For 24" On Center, Deduct	*-0.29*	
		For 12" On Center, Add	*0.42*	
		For 22 Gauge, Add	*0.23*	
		For 20 Gauge, Add	*0.45*	
09 22 13 00-0015	SF	2", 25 Gauge, Z Furring Channel, Installed On Walls 16" On Center	2.75	1.27
		For Walls >10' High, Add	*0.38*	
		For 24" On Center, Deduct	*-0.30*	
		For 12" On Center, Add	*0.42*	
		For 22 Gauge, Add	*0.23*	
		For 20 Gauge, Add	*0.47*	
09 22 13 00-0016	SF	2-1/2", 25 Gauge, Z Furring Channel, Installed On Walls 16" On Center	2.77	1.27
		For Walls >10' High, Add	*0.38*	
		For 24" On Center, Deduct	*-0.30*	
		For 12" On Center, Add	*0.43*	
		For 22 Gauge, Add	*0.24*	
		For 20 Gauge, Add	*0.47*	
09 22 13 00-0017	SF	3", 25 Gauge, Z Furring Channel, Installed On Walls 16" On Center	2.79	1.27
		For Walls >10' High, Add	*0.38*	
		For 24" On Center, Deduct	*-0.30*	
		For 12" On Center, Add	*0.43*	
		For 22 Gauge, Add	*0.24*	
		For 20 Gauge, Add	*0.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 13 00-0018		**Single-Leg Resilient Channel, RC1 Furring Channel** *(09 22 13)* Note: Includes clips where required.		
09 22 13 00-0019		**Single-Leg Resilient Channel, RC1 Furring Channel, Installed On Walls** *(09 22 13 00-0018)*		
09 22 13 00-0020	SF	Single-Leg Resilient Channel, 25 Gauge, RC1 Furring Channel, Installed On Walls 16" On Center	2.86	1.27
		For Walls >10' High, Add	*0.38*	
		For 24" On Center, Deduct	*-0.32*	
		For 12" On Center, Add	*0.45*	
		For 20 Gauge, Add	*0.51*	
09 22 13 00-0021		**Single-Leg Resilient Channel, RC1 Furring Channel, Installed On Ceilings** *(09 22 13 00-0018)*		
09 22 13 00-0022	SF	Single-Leg Resilient Channel, 25 Gauge, RC1 Furring Channel, Installed On Ceilings 16" On Center	3.45	1.57
		For Ceilings >10' High, Add	*0.47*	
		For 24" On Center, Deduct	*-0.38*	
		For 12" On Center, Add	*0.53*	
		For 20 Gauge, Add	*0.60*	
09 22 13 00-0023		**Double-Leg Resilient Channel, RC2 Furring Channel** *(09 22 13)* Note: Includes clips where required.		
09 22 13 00-0024		**Double-Leg Resilient Channel, RC2 Furring Channel, Installed On Walls** *(09 22 13 00-0023)*		
09 22 13 00-0025	SF	Double-Leg Resilient Channel, 25 Gauge, RC2 Furring Channel, Installed On Walls 16" On Center	2.98	1.27
		For Walls >10' High, Add	*0.38*	
		For 24" On Center, Deduct	*-0.34*	
		For 12" On Center, Add	*0.47*	
		For 20 Gauge, Add	*0.56*	
09 22 13 00-0026		**Double-Leg Resilient Channel, RC2 Furring Channel, Installed On Ceilings** *(09 22 13 00-0023)*		
09 22 13 00-0027	SF	Double-Leg Resilient Channel, 25 Gauge, RC2 Furring Channel, Installed On Ceilings 16" On Center	3.57	1.57
		For Ceilings >10' High, Add	*0.47*	
		For 24" On Center, Deduct	*-0.40*	
		For 12" On Center, Add	*0.56*	
		For 20 Gauge, Add	*0.65*	
09 22 16		**Non-Structural Metal Framing** *(09 22)* Note: Includes all necessary framing studs, bridging, fasteners necessary to attach to floors, walls, ceilings and a metal stiffener at half height. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage.		
09 22 16 00-0001		**25 Gauge, Non Load Bearing, Non Structural Metal Framing** *(09 22 16)*		
09 22 16 00-0002	SF	1-5/8" Width, 25 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	1.86	0.53
		For Walls >10' High, Add	*0.37*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.24*	
		For Soffit, Columns Or Beams >10' High, Add	*1.64*	
		For Horizontal Installation Up To 10' High, Add	*0.38*	
		For Horizontal Installation >10' High, Add	*0.52*	
		For Curved Wall, Add	*0.40*	
		For 12" On Center, Add	*0.31*	
		For 24" On Center, Deduct	*-0.31*	
		For Up To 200, Add	*0.64*	
		For >200 To 500, Add	*0.32*	
09 22 16 00-0003	SF	2-1/2" Width, 25 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	1.98	0.55
		For Walls >10' High, Add	*0.40*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.31*	
		For Soffit, Columns Or Beams >10' High, Add	*1.73*	
		For Horizontal Installation Up To 10' High, Add	*0.41*	
		For Horizontal Installation >10' High, Add	*0.55*	
		For Curved Wall, Add	*0.42*	
		For 12" On Center, Add	*0.33*	
		For 24" On Center, Deduct	*-0.33*	
		For Up To 200, Add	*0.67*	
		For >200 To 500, Add	*0.34*	
09 22 16 00-0004	SF	3-5/8" Width, 25 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	2.15	0.58
		For Walls >10' High, Add	*0.43*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.38*	
		For Soffit, Columns Or Beams >10' High, Add	*1.82*	
		For Horizontal Installation Up To 10' High, Add	*0.43*	
		For Horizontal Installation >10' High, Add	*0.58*	
		For Curved Wall, Add	*0.44*	
		For 12" On Center, Add	*0.36*	
		For 24" On Center, Deduct	*-0.36*	
		For Up To 200, Add	*0.72*	
		For >200 To 500, Add	*0.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 00-0005	SF	4" Width, 25 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	2.29	0.61
		For Walls >10' High, Add	*0.46*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.45*	
		For Soffit, Columns Or Beams >10' High, Add	*1.91*	
		For Horizontal Installation Up To 10' High, Add	*0.46*	
		For Horizontal Installation >10' High, Add	*0.61*	
		For Curved Wall, Add	*0.46*	
		For 12" On Center, Add	*0.38*	
		For 24" On Center, Deduct	*-0.38*	
		For Up To 200, Add	*0.76*	
		For >200 To 500, Add	*0.38*	
09 22 16 00-0006	SF	6" Width, 25 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	2.53	0.64
		For Walls >10' High, Add	*0.51*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.53*	
		For Soffit, Columns Or Beams >10' High, Add	*2.01*	
		For Horizontal Installation Up To 10' High, Add	*0.49*	
		For Horizontal Installation >10' High, Add	*0.65*	
		For Curved Wall, Add	*0.48*	
		For 12" On Center, Add	*0.43*	
		For 24" On Center, Deduct	*-0.43*	
		For Up To 200, Add	*0.83*	
		For >200 To 500, Add	*0.41*	

09 22 16 00-0007 20 Gauge, Non Load Bearing, Non Structural Metal Framing *(09 22 16)*

09 22 16 00-0008	SF	1-5/8" Width, 20 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	2.07	0.54
		For Walls >10' High, Add	*0.41*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.30*	
		For Soffit, Columns Or Beams >10' High, Add	*1.70*	
		For Horizontal Installation Up To 10' High, Add	*0.41*	
		For Horizontal Installation >10' High, Add	*0.55*	
		For Curved Wall, Add	*0.41*	
		For 12" On Center, Add	*0.35*	
		For 24" On Center, Deduct	*-0.35*	
		For Up To 200, Add	*0.69*	
		For >200 To 500, Add	*0.34*	
09 22 16 00-0009	SF	2-1/2" Width, 20 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	2.27	0.57
		For Walls >10' High, Add	*0.45*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.37*	
		For Soffit, Columns Or Beams >10' High, Add	*1.80*	
		For Horizontal Installation Up To 10' High, Add	*0.44*	
		For Horizontal Installation >10' High, Add	*0.58*	
		For Curved Wall, Add	*0.43*	
		For 12" On Center, Add	*0.38*	
		For 24" On Center, Deduct	*-0.38*	
		For Up To 200, Add	*0.74*	
		For >200 To 500, Add	*0.37*	
09 22 16 00-0010	SF	3-5/8" Width, 20 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	2.49	0.59
		For Walls >10' High, Add	*0.50*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.45*	
		For Soffit, Columns Or Beams >10' High, Add	*1.90*	
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.62*	
		For Curved Wall, Add	*0.45*	
		For 12" On Center, Add	*0.42*	
		For 24" On Center, Deduct	*-0.42*	
		For Up To 200, Add	*0.80*	
		For >200 To 500, Add	*0.40*	
09 22 16 00-0011	SF	4" Width, 20 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	2.64	0.62
		For Walls >10' High, Add	*0.53*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.52*	
		For Soffit, Columns Or Beams >10' High, Add	*1.99*	
		For Horizontal Installation Up To 10' High, Add	*0.50*	
		For Horizontal Installation >10' High, Add	*0.66*	
		For Curved Wall, Add	*0.47*	
		For 12" On Center, Add	*0.45*	
		For 24" On Center, Deduct	*-0.45*	
		For Up To 200, Add	*0.84*	
		For >200 To 500, Add	*0.42*	
09 22 16 00-0012	SF	6" Width, 20 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	3.56	0.65
		For Walls >10' High, Add	*0.71*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.67*	
		For Soffit, Columns Or Beams >10' High, Add	*2.16*	
		For Horizontal Installation Up To 10' High, Add	*0.60*	
		For Horizontal Installation >10' High, Add	*0.77*	
		For Curved Wall, Add	*0.49*	
		For 12" On Center, Add	*0.63*	
		For 24" On Center, Deduct	*-0.63*	
		For Up To 200, Add	*1.04*	
		For >200 To 500, Add	*0.52*	

09 22 16 00-0013 18 Gauge, Non Load Bearing, Non Structural Metal Framing *(09 22 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 00-0014	SF	2-1/2" Width, 18 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	2.62	0.58
		For Walls >10' High, Add	*0.52*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.43*	
		For Soffit, Columns Or Beams >10' High, Add	*1.87*	
		For Horizontal Installation Up To 10' High, Add	*0.48*	
		For Horizontal Installation >10' High, Add	*0.63*	
		For Curved Wall, Add	*0.44*	
		For 12" On Center, Add	*0.45*	
		For 24" On Center, Deduct	*-0.45*	
		For Up To 200, Add	*0.82*	
		For >200 To 500, Add	*0.41*	
09 22 16 00-0015	SF	3-5/8" Width, 18 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	3.28	0.61
		For Walls >10' High, Add	*0.66*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.55*	
		For Soffit, Columns Or Beams >10' High, Add	*2.01*	
		For Horizontal Installation Up To 10' High, Add	*0.56*	
		For Horizontal Installation >10' High, Add	*0.71*	
		For Curved Wall, Add	*0.46*	
		For 12" On Center, Add	*0.58*	
		For 24" On Center, Deduct	*-0.58*	
		For Up To 200, Add	*0.96*	
		For >200 To 500, Add	*0.48*	
09 22 16 00-0016	SF	4" Width, 18 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	3.56	0.64
		For Walls >10' High, Add	*0.71*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.64*	
		For Soffit, Columns Or Beams >10' High, Add	*2.12*	
		For Horizontal Installation Up To 10' High, Add	*0.60*	
		For Horizontal Installation >10' High, Add	*0.76*	
		For Curved Wall, Add	*0.48*	
		For 12" On Center, Add	*0.63*	
		For 24" On Center, Deduct	*-0.63*	
		For Up To 200, Add	*1.03*	
		For >200 To 500, Add	*0.52*	
09 22 16 00-0017	SF	6" Width, 18 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	4.57	0.67
		For Walls >10' High, Add	*0.91*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.81*	
		For Soffit, Columns Or Beams >10' High, Add	*2.32*	
		For Horizontal Installation Up To 10' High, Add	*0.71*	
		For Horizontal Installation >10' High, Add	*0.88*	
		For Curved Wall, Add	*0.51*	
		For 12" On Center, Add	*0.83*	
		For 24" On Center, Deduct	*-0.83*	
		For Up To 200, Add	*1.25*	
		For >200 To 500, Add	*0.63*	
09 22 16 00-0018	SF	8" Width, 18 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	4.96	0.71
		For Walls >10' High, Add	*0.99*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.91*	
		For Soffit, Columns Or Beams >10' High, Add	*2.44*	
		For Horizontal Installation Up To 10' High, Add	*0.76*	
		For Horizontal Installation >10' High, Add	*0.94*	
		For Curved Wall, Add	*0.53*	
		For 12" On Center, Add	*0.90*	
		For 24" On Center, Deduct	*-0.90*	
		For Up To 200, Add	*1.35*	
		For >200 To 500, Add	*0.67*	

09 22 16 00-0019 16 Gauge, Non Load Bearing, Non Structural Metal Framing *(09 22 16)*

09 22 16 00-0020	SF	2-1/2" Width, 16 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	3.21	0.59
		For Walls >10' High, Add	*0.64*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.52*	
		For Soffit, Columns Or Beams >10' High, Add	*1.97*	
		For Horizontal Installation Up To 10' High, Add	*0.55*	
		For Horizontal Installation >10' High, Add	*0.70*	
		For Curved Wall, Add	*0.45*	
		For 12" On Center, Add	*0.57*	
		For 24" On Center, Deduct	*-0.57*	
		For Up To 200, Add	*0.94*	
		For >200 To 500, Add	*0.47*	
09 22 16 00-0021	SF	3-5/8" Width, 16 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	3.73	0.62
		For Walls >10' High, Add	*0.75*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.63*	
		For Soffit, Columns Or Beams >10' High, Add	*2.10*	
		For Horizontal Installation Up To 10' High, Add	*0.61*	
		For Horizontal Installation >10' High, Add	*0.77*	
		For Curved Wall, Add	*0.47*	
		For 12" On Center, Add	*0.67*	
		For 24" On Center, Deduct	*-0.67*	
		For Up To 200, Add	*1.06*	
		For >200 To 500, Add	*0.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 00-0022	SF	4" Width, 16 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	3.94	0.65
		For Walls >10' High, Add	*0.79*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.71*	
		For Soffit, Columns Or Beams >10' High, Add	*2.20*	
		For Horizontal Installation Up To 10' High, Add	*0.64*	
		For Horizontal Installation >10' High, Add	*0.80*	
		For Curved Wall, Add	*0.49*	
		For 12" On Center, Add	*0.71*	
		For 24" On Center, Deduct	*-0.71*	
		For Up To 200, Add	*1.12*	
		For >200 To 500, Add	*0.56*	
09 22 16 00-0023	SF	6" Width, 16 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	4.91	0.68
		For Walls >10' High, Add	*0.98*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.88*	
		For Soffit, Columns Or Beams >10' High, Add	*2.39*	
		For Horizontal Installation Up To 10' High, Add	*0.75*	
		For Horizontal Installation >10' High, Add	*0.92*	
		For Curved Wall, Add	*0.52*	
		For 12" On Center, Add	*0.90*	
		For 24" On Center, Deduct	*-0.90*	
		For Up To 200, Add	*1.33*	
		For >200 To 500, Add	*0.66*	
09 22 16 00-0024	SF	8" Width, 16 Gauge, Non Load Bearing, Non Structural Metal Framing Stud With Tracks And Runners, 16" On Center	21.71	0.72
		For Walls >10' High, Add	*4.34*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*16.68*	
		For Soffit, Columns Or Beams >10' High, Add	*22.11*	
		For Horizontal Installation Up To 10' High, Add	*4.89*	
		For Horizontal Installation >10' High, Add	*6.70*	
		For Curved Wall, Add	*5.44*	
		For 12" On Center, Add	*3.44*	
		For 24" On Center, Deduct	*-3.44*	
		For Up To 200, Add	*7.97*	
		For >200 To 500, Add	*3.98*	

09 22 16 00-0025 Backing Accessories *(09 22 16)*

Note: Used to attach fixtures, cabinets, shelves or handrails to metal stud walls.

09 22 16 00-0026	LF	3" Wide, 25 Gauge Galvanized Steel Backing Plate	0.93
09 22 16 00-0027	LF	4" Wide, 25 Gauge Galvanized Steel Backing Plate	1.12
09 22 16 00-0028	LF	6" Wide, 25 Gauge Galvanized Steel Backing Plate	1.40
09 22 16 00-0029	LF	8" Wide, 25 Gauge Galvanized Steel Backing Plate	1.69
09 22 16 00-0030	LF	10" Wide, 25 Gauge Galvanized Steel Backing Plate	1.96
09 22 16 00-0031	LF	12" Wide, 25 Gauge Galvanized Steel Backing Plate	2.35
09 22 16 00-0032	LF	3" Wide, 20 Gauge Galvanized Steel Backing Plate	1.14
09 22 16 00-0033	LF	4" Wide, 20 Gauge Galvanized Steel Backing Plate	1.39
09 22 16 00-0034	LF	6" Wide, 20 Gauge Galvanized Steel Backing Plate	1.81
09 22 16 00-0035	LF	8" Wide, 20 Gauge Galvanized Steel Backing Plate	2.23
09 22 16 00-0036	LF	10" Wide, 20 Gauge Galvanized Steel Backing Plate	2.65
09 22 16 00-0037	LF	12" Wide, 20 Gauge Galvanized Steel Backing Plate	3.16
09 22 16 00-0038	LF	3" Wide, 16 Gauge Galvanized Steel Backing Plate	1.51
09 22 16 00-0039	LF	4" Wide, 16 Gauge Galvanized Steel Backing Plate	1.85
09 22 16 00-0040	LF	6" Wide, 16 Gauge Galvanized Steel Backing Plate	2.46
09 22 16 00-0041	LF	8" Wide, 16 Gauge Galvanized Steel Backing Plate	3.06
09 22 16 00-0042	LF	10" Wide, 16 Gauge Galvanized Steel Backing Plate	3.73
09 22 16 00-0043	LF	12" Wide, 16 Gauge Galvanized Steel Backing Plate	4.38
09 22 16 00-0044	LF	3" Wide, 14 Gauge Galvanized Steel Backing Plate	1.74
09 22 16 00-0045	LF	4" Wide, 14 Gauge Galvanized Steel Backing Plate	2.16
09 22 16 00-0046	LF	6" Wide, 14 Gauge Galvanized Steel Backing Plate	2.92
09 22 16 00-0047	LF	8" Wide, 14 Gauge Galvanized Steel Backing Plate	3.68
09 22 16 00-0048	LF	10" Wide, 14 Gauge Galvanized Steel Backing Plate	4.51
09 22 16 00-0049	LF	12" Wide, 14 Gauge Galvanized Steel Backing Plate	5.31

09 22 36 Lath *(09 22)*

09 22 36 13 Gypsum Lath *(09 22 36)*

09 22 36 13-0001 Plaster Base Gypsum Panel *(09 22 36 13)*

09 22 36 13-0002	SF	3/8" Plaster Base Gypsum Panel, Installed On Studs Or Furred Walls	0.97	0.35
		For Walls >10' High, Add	*0.09*	
		For Up To 100, Add	*0.35*	
		For >100 To 500, Add	*0.18*	
		For >5000, Deduct	*-0.07*	
09 22 36 13-0003	SF	1/2" Plaster Base Gypsum Panel, Installed On Studs Or Furred Walls	1.30	0.40
		For Walls >10' High, Add	*0.10*	
		For Up To 100, Add	*0.41*	
		For >100 To 500, Add	*0.20*	
		For >5000, Deduct	*-0.08*	
09 22 36 13-0004	SF	5/8" Plaster Base Gypsum Panel, Installed On Studs Or Furred Walls	1.63	0.47
		For Walls >10' High, Add	*0.12*	
		For Up To 100, Add	*0.47*	
		For >100 To 500, Add	*0.23*	
		For >5000, Deduct	*-0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 13-0005	SF	3/8" Plaster Base Gypsum Panel, Installed On Ceiling	1.26	0.49
		For Ceilings >10' High, Add	*0.15*	
		For Up To 100, Add	*0.50*	
		For >100 To 500, Add	*0.25*	
		For >5000, Deduct	*-0.10*	
09 22 36 13-0006	SF	1/2" Plaster Base Gypsum Panel, Installed On Ceiling	1.63	0.57
		For Ceilings >10' High, Add	*0.17*	
		For Up To 100, Add	*0.57*	
		For >100 To 500, Add	*0.29*	
		For >5000, Deduct	*-0.11*	
09 22 36 13-0007	SF	5/8" Plaster Base Gypsum Panel, Installed On Ceiling	2.01	0.65
		For Ceilings >10' High, Add	*0.20*	
		For Up To 100, Add	*0.66*	
		For >100 To 500, Add	*0.33*	
		For >5000, Deduct	*-0.13*	
09 22 36 13-0008	SF	3/8" Plaster Base Gypsum Panel, Installed On Columns And Beams	1.54	0.63
		For Columns And Beams >10' High, Add	*0.19*	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5000, Deduct	*-0.13*	
09 22 36 13-0009	SF	1/2" Plaster Base Gypsum Panel, Installed On Columns And Beams	1.96	0.73
		For Columns And Beams >10' High, Add	*0.22*	
		For Up To 100, Add	*0.74*	
		For >100 To 500, Add	*0.37*	
		For >5000, Deduct	*-0.15*	
09 22 36 13-0010	SF	5/8" Plaster Base Gypsum Panel, Installed On Columns And Beams	2.38	0.84
		For Columns And Beams >10' High, Add	*0.25*	
		For Up To 100, Add	*0.84*	
		For >100 To 500, Add	*0.42*	
		For >5000, Deduct	*-0.17*	

09 22 36 13-0011 Firestop Plaster Base Gypsum Panel *(09 22 36 13)*

09 22 36 13-0012	SF	3/8" Firestop Plaster Base Gypsum Panel, Installed On Studs Or Furred Walls	1.28	0.35
		For Walls >10' High, Add	*0.09*	
		For Up To 100, Add	*0.35*	
		For >100 To 500, Add	*0.18*	
		For >5000, Deduct	*-0.07*	
09 22 36 13-0013	SF	1/2" Firestop Plaster Base Gypsum Panel, Installed On Studs Or Furred Walls	1.49	0.40
		For Walls >10' High, Add	*0.10*	
		For Up To 100, Add	*0.41*	
		For >100 To 500, Add	*0.20*	
		For >5000, Deduct	*-0.08*	
09 22 36 13-0014	SF	3/8" Firestop Plaster Base Gypsum Panel, Installed On Ceiling	1.57	0.49
		For Ceilings >10' High, Add	*0.15*	
		For Up To 100, Add	*0.50*	
		For >100 To 500, Add	*0.25*	
		For >5000, Deduct	*-0.10*	
09 22 36 13-0015	SF	1/2" Firestop Plaster Base Gypsum Panel, Installed On Ceiling	1.82	0.57
		For Ceilings >10' High, Add	*0.17*	
		For Up To 100, Add	*0.57*	
		For >100 To 500, Add	*0.29*	
		For >5000, Deduct	*-0.11*	
09 22 36 13-0016	SF	3/8" Firestop Plaster Base Gypsum Panel, Installed On Columns And Beams	1.85	0.63
		For Columns And Beams >10' High, Add	*0.19*	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5000, Deduct	*-0.13*	
09 22 36 13-0017	SF	1/2" Firestop Plaster Base Gypsum Panel, Installed On Columns And Beams	2.15	0.73
		For Columns And Beams >10' High, Add	*0.22*	
		For Up To 100, Add	*0.74*	
		For >100 To 500, Add	*0.37*	
		For >5000, Deduct	*-0.15*	

09 22 36 13-0018 Foil Back Plaster Base Gypsum Panel *(09 22 36 13)*

09 22 36 13-0019	SF	3/8" Foil Back Plaster Base Gypsum Panel, Installed On Studs Or Furred Walls	1.28	0.35
		For Walls >10' High, Add	*0.09*	
		For Up To 100, Add	*0.35*	
		For >100 To 500, Add	*0.18*	
		For >5000, Deduct	*-0.07*	
09 22 36 13-0020	SF	1/2" Foil Back Plaster Base Gypsum Panel, Installed On Studs Or Furred Walls	1.49	0.40
		For Walls >10' High, Add	*0.10*	
		For Up To 100, Add	*0.41*	
		For >100 To 500, Add	*0.20*	
		For >5000, Deduct	*-0.08*	
09 22 36 13-0021	SF	3/8" Foil Back Plaster Base Gypsum Panel, Installed On Ceiling	1.57	0.49
		For Ceilings >10' High, Add	*0.15*	
		For Up To 100, Add	*0.50*	
		For >100 To 500, Add	*0.25*	
		For >5000, Deduct	*-0.10*	
09 22 36 13-0022	SF	1/2" Foil Back Plaster Base Gypsum Panel, Installed On Ceiling	1.82	0.57
		For Ceilings >10' High, Add	*0.17*	
		For Up To 100, Add	*0.57*	
		For >100 To 500, Add	*0.29*	
		For >5000, Deduct	*-0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 13-0023	SF	3/8" Foil Back Plaster Base Gypsum Panel, Installed On Columns And Beams	1.85	0.63
		For Columns And Beams >10' High, Add	*0.19*	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5000, Deduct	*-0.13*	
09 22 36 13-0024	SF	1/2" Foil Back Plaster Base Gypsum Panel, Installed On Columns And Beams	2.15	0.73
		For Columns And Beams >10' High, Add	*0.22*	
		For Up To 100, Add	*0.74*	
		For >100 To 500, Add	*0.37*	
		For >5000, Deduct	*-0.15*	

09 22 36 23 Metal Lath *(09 22 36)*

09 22 36 23-0001 Flat Diamond, Expanded Metal Lath *(09 22 36 23)*

09 22 36 23-0002	SF	1.75 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Studs Or Furred Walls	1.56	0.48
		For Walls >10' High, Add	*0.14*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.55*	
		For >100 To 500, Add	*0.27*	
		For >5000, Deduct	*-0.11*	
09 22 36 23-0003	SF	2.0 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Studs Or Furred Walls	1.62	0.48
		For Walls >10' High, Add	*0.14*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.55*	
		For >100 To 500, Add	*0.27*	
		For >5000, Deduct	*-0.11*	
09 22 36 23-0004	SF	2.5 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Studs Or Furred Walls	1.68	0.48
		For Walls >10' High, Add	*0.14*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.55*	
		For >100 To 500, Add	*0.27*	
		For >5000, Deduct	*-0.11*	
09 22 36 23-0005	SF	3.4 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Studs Or Furred Walls	1.91	0.52
		For Walls >10' High, Add	*0.15*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.58*	
		For >100 To 500, Add	*0.29*	
		For >5000, Deduct	*-0.12*	
09 22 36 23-0006	SF	1.75 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Ceiling	1.71	0.55
		For Ceilings >10' High, Add	*0.19*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.62*	
		For >100 To 500, Add	*0.31*	
		For >5000, Deduct	*-0.12*	
09 22 36 23-0007	SF	2.0 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Ceiling	1.77	0.55
		For Ceilings >10' High, Add	*0.19*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.62*	
		For >100 To 500, Add	*0.31*	
		For >5000, Deduct	*-0.12*	
09 22 36 23-0008	SF	2.5 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Ceiling	1.83	0.55
		For Ceilings >10' High, Add	*0.19*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.62*	
		For >100 To 500, Add	*0.31*	
		For >5000, Deduct	*-0.12*	
09 22 36 23-0009	SF	3.4 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Ceiling	1.99	0.55
		For Ceilings >10' High, Add	*0.19*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.62*	
		For >100 To 500, Add	*0.31*	
		For >5000, Deduct	*-0.12*	
09 22 36 23-0010	SF	1.75 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Columns And Beams	2.27	0.78
		For Columns And Beams >10' High, Add	*0.26*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.87*	
		For >100 To 500, Add	*0.44*	
		For >5000, Deduct	*-0.17*	
09 22 36 23-0011	SF	2.0 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Columns And Beams	2.34	0.78
		For Columns And Beams >10' High, Add	*0.26*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.87*	
		For >100 To 500, Add	*0.44*	
		For >5000, Deduct	*-0.17*	
09 22 36 23-0012	SF	2.5 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Columns And Beams	2.40	0.78
		For Columns And Beams >10' High, Add	*0.26*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.87*	
		For >100 To 500, Add	*0.44*	
		For >5000, Deduct	*-0.17*	
09 22 36 23-0013	SF	3.4 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Columns And Beams	2.99	0.99
		For Columns And Beams >10' High, Add	*0.33*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.09*	
		For >100 To 500, Add	*0.54*	
		For >5000, Deduct	*-0.22*	

09 22 36 23-0014 Self Furring, Flat Diamond, Expanded Metal Lath *(09 22 36 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0015	SF	1.75 LB/SY, Self Furring, Flat Diamond, Expanded Metal Lath, Installed On Solid Surface	1.63	0.52
		For Walls >10' High, Add	*0.15*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.58*	
		For >100 To 500, Add	*0.29*	
		For >5000, Deduct	*-0.12*	
09 22 36 23-0016	SF	2.0 LB/SY, Self Furring, Flat Diamond, Expanded Metal Lath, Installed On Solid Surface	1.69	0.52
		For Walls >10' High, Add	*0.15*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.58*	
		For >100 To 500, Add	*0.29*	
		For >5000, Deduct	*-0.12*	
09 22 36 23-0017	SF	2.5 LB/SY, Self Furring, Flat Diamond, Expanded Metal Lath, Installed On Solid Surface	1.75	0.52
		For Walls >10' High, Add	*0.15*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.58*	
		For >100 To 500, Add	*0.29*	
		For >5000, Deduct	*-0.12*	
09 22 36 23-0018	SF	3.4 LB/SY, Self Furring, Flat Diamond, Expanded Metal Lath, Installed On Solid Surface	1.91	0.52
		For Walls >10' High, Add	*0.15*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.58*	
		For >100 To 500, Add	*0.29*	
		For >5000, Deduct	*-0.12*	
09 22 36 23-0019	SF	1.75 LB/SY, Self Furring, Flat Diamond, Expanded Metal Lath, Installed On Columns And Beams	2.70	0.99
		For Columns And Beams >10' High, Add	*0.33*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.09*	
		For >100 To 500, Add	*0.54*	
		For >5000, Deduct	*-0.22*	
09 22 36 23-0020	SF	2.0 LB/SY, Self Furring, Flat Diamond, Expanded Metal Lath, Installed On Columns And Beams	2.77	0.99
		For Columns And Beams >10' High, Add	*0.33*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.09*	
		For >100 To 500, Add	*0.54*	
		For >5000, Deduct	*-0.22*	
09 22 36 23-0021	SF	2.5 LB/SY, Self Furring, Flat Diamond, Expanded Metal Lath, Installed On Columns And Beams	2.83	0.99
		For Columns And Beams >10' High, Add	*0.33*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.09*	
		For >100 To 500, Add	*0.54*	
		For >5000, Deduct	*-0.22*	
09 22 36 23-0022	SF	3.4 LB/SY, Self Furring, Flat Diamond, Expanded Metal Lath, Installed On Columns And Beams	3.30	1.12
		For Columns And Beams >10' High, Add	*0.37*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.24*	
		For >100 To 500, Add	*0.62*	
		For >5000, Deduct	*-0.25*	
09 22 36 23-0023		High Rib Metal Lath *(09 22 36 23)*		
09 22 36 23-0024	SF	2.75 LB/SY, 1/8" High Rib Metal Lath, Installed On Ceiling	1.88	0.55
		For Ceilings >10' High, Add	*0.19*	
		For Up To 100, Add	*0.62*	
		For >100 To 500, Add	*0.31*	
		For >5000, Deduct	*-0.12*	
09 22 36 23-0025	SF	3.4 LB/SY, 1/8" High Rib Metal Lath, Installed On Ceiling	1.97	0.55
		For Ceilings >10' High, Add	*0.19*	
		For Up To 100, Add	*0.62*	
		For >100 To 500, Add	*0.31*	
		For >5000, Deduct	*-0.12*	
09 22 36 23-0026	SF	3.4 LB/SY, 3/8" High Rib Metal Lath, Installed On Ceiling	2.02	0.55
		For Ceilings >10' High, Add	*0.19*	
		For Up To 100, Add	*0.62*	
		For >100 To 500, Add	*0.31*	
		For >5000, Deduct	*-0.12*	
09 22 36 23-0027	SF	4.0 LB/SY, 3/8" High Rib Metal Lath, Installed On Ceiling	2.13	0.55
		For Ceilings >10' High, Add	*0.19*	
		For Up To 100, Add	*0.62*	
		For >100 To 500, Add	*0.31*	
		For >5000, Deduct	*-0.12*	
09 22 36 33		**Fiberglass Lath** *(09 22 36)*		
09 22 36 33-0001		Fiberglass Non-Metallic Lath *(09 22 36 33)*		
09 22 36 33-0002	SF	1/8" Fiberglass Non Metallic Lath, Installed On Ceiling	2.02	0.55
		For Ceilings >10' High, Add	*0.19*	
		For Up To 100, Add	*0.62*	
		For >100 To 500, Add	*0.31*	
		For >5000, Deduct	*-0.12*	
09 22 36 33-0003	SF	1/4" Fiberglass Non Metallic Lath, Installed On Ceiling	2.14	0.55
		For Ceilings >10' High, Add	*0.19*	
		For Up To 100, Add	*0.62*	
		For >100 To 500, Add	*0.31*	
		For >5000, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 33-0004	SF	1/8" Fiberglass Non Metallic Lath, Installed On Solid Surface	1.94	0.52
		For Walls >10' High, Add	*0.15*	
		For Up To 100, Add	*0.58*	
		For >100 To 500, Add	*0.29*	
		For >5000, Deduct	*-0.12*	
09 22 36 33-0005	SF	1/4" Fiberglass Non Metallic Lath, Installed On Solid Surface	2.06	0.52
		For Walls >10' High, Add	*0.15*	
		For Up To 100, Add	*0.58*	
		For >100 To 500, Add	*0.29*	
		For >5000, Deduct	*-0.12*	

09 23 Gypsum Plastering *(09 20)*

09 23 13 Acoustical Gypsum Plastering *(09 23)*

Note: All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring.

09 23 13 00-0001 Casing And Corner Beads *(09 23 13)*

09 23 13 00-0002	LF	Galvanized Expanded Flange Casing Bead Note: Used for interior installations.	3.14	0.78
09 23 13 00-0003	LF	Zinc Expanded Flange Casing Bead Note: Used for exterior installations.	3.15	0.78
09 23 13 00-0004	LF	Vinyl Expanded Flange Casing Bead	3.45	0.78
09 23 13 00-0005	LF	Galvanized Corner Bead	3.05	0.78
09 23 13 00-0006	LF	Vinyl Corner Bead	3.13	0.78

09 23 13 00-0007 Trim *(09 23 13)*

09 23 13 00-0008	LF	"J" Trim, Galvanized Steel	3.25	0.78
		For Vinyl Instead Of Galvanized, Add	*0.13*	
		For Zinc Instead Of Galvanized, Add	*0.86*	
09 23 13 00-0009	LF	"L" Trim, Galvanized Steel	3.25	0.78
		For Vinyl Instead Of Galvanized, Add	*0.13*	
		For Zinc Instead Of Galvanized, Add	*0.86*	
09 23 13 00-0010	LF	"U" Trim, Galvanized Steel	3.25	0.78
		For Vinyl Instead Of Galvanized, Add	*0.13*	
		For Zinc Instead Of Galvanized, Add	*0.86*	

09 23 13 00-0011 Plaster Forms And Expansion Joints *(09 23 13)*

09 23 13 00-0012	LF	3/4" Galvanized Expansion Joint Note: For plastering applications.	3.58	0.78

09 23 13 00-0013 One Skim Coat Gypsum Plaster On Walls *(09 23 13)*

09 23 13 00-0014	SF	Skim Coat One Coat Gypsum Plaster On Walls	0.85	
		For Walls >10' High, Add	*0.07*	
		For Horizontal Installation Up To 10' High, Add	*0.10*	
		For Horizontal Installation >10' High, Add	*0.20*	
		For Columns Or Beams Up To 10' High, Add	*0.21*	
		For Columns Or Beams >10' High, Add	*0.31*	
		For <100, Add	*0.34*	
		For >100 To 500, Add	*0.17*	
		For >5000, Deduct	*-0.14*	
09 23 13 00-0015	SF	For Each Additional Coat Over One, Skim Coat Gypsum Plaster On Walls	0.62	
		For Walls >10' High, Add	*0.05*	
		For Horizontal Installation Up To 10' High, Add	*0.07*	
		For Horizontal Installation >10' High, Add	*0.15*	
		For Columns Or Beams Up To 10' High, Add	*0.15*	
		For Columns Or Beams >10' High, Add	*0.23*	
		For <100, Add	*0.25*	
		For >100 To 500, Add	*0.12*	
		For >5000, Deduct	*-0.10*	

09 23 13 00-0016 Two Coats Gypsum Plaster On Walls *(09 23 13)*

09 23 13 00-0017	SF	Smooth Finish Two Coats Gypsum Plaster On Walls	4.06	2.27
		For Walls >10' High, Add	*0.37*	
		For Horizontal Installation Up To 10' High, Add	*0.56*	
		For Horizontal Installation >10' High, Add	*1.12*	
		For Columns Or Beams Up To 10' High, Add	*1.16*	
		For Columns Or Beams >10' High, Add	*1.72*	
		For <100, Add	*1.87*	
		For >100 To 500, Add	*0.94*	
		For >5000, Deduct	*-0.75*	
09 23 13 00-0018	SF	Sand Aggregate Two Coats Gypsum Plaster On Walls	4.17	2.14
		For Walls >10' High, Add	*0.35*	
		For Horizontal Installation Up To 10' High, Add	*0.53*	
		For Horizontal Installation >10' High, Add	*1.05*	
		For Columns Or Beams Up To 10' High, Add	*1.09*	
		For Columns Or Beams >10' High, Add	*1.61*	
		For <100, Add	*1.75*	
		For >100 To 500, Add	*0.88*	
		For >5000, Deduct	*-0.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 23 13 00-0019	SF	Perlite Or Vermiculite Two Coats Gypsum Plaster On Walls	4.34	2.14
		For Walls >10' High, Add	*0.35*	
		For Horizontal Installation Up To 10' High, Add	*0.53*	
		For Horizontal Installation >10' High, Add	*1.05*	
		For Columns Or Beams Up To 10' High, Add	*1.09*	
		For Columns Or Beams >10' High, Add	*1.61*	
		For <100, Add	*1.75*	
		For >100 To 500, Add	*0.88*	
		For >5000, Deduct	*-0.70*	

09 23 13 00-0020 Three Coats Gypsum Plaster On Walls *(09 23 13)*

09 23 13 00-0021	SF	Smooth Finish Three Coats Gypsum Plaster On Walls	4.92	2.75
		For Walls >10' High, Add	*0.45*	
		For Horizontal Installation Up To 10' High, Add	*0.67*	
		For Horizontal Installation >10' High, Add	*1.34*	
		For Columns Or Beams Up To 10' High, Add	*1.38*	
		For Columns Or Beams >10' High, Add	*2.05*	
		For <100, Add	*2.23*	
		For >100 To 500, Add	*1.12*	
		For >5000, Deduct	*-0.89*	
09 23 13 00-0022	SF	Sand Aggregate Three Coats Gypsum Plaster On Walls	4.94	2.51
		For Walls >10' High, Add	*0.41*	
		For Horizontal Installation Up To 10' High, Add	*0.62*	
		For Horizontal Installation >10' High, Add	*1.24*	
		For Columns Or Beams Up To 10' High, Add	*1.28*	
		For Columns Or Beams >10' High, Add	*1.90*	
		For <100, Add	*2.07*	
		For >100 To 500, Add	*1.03*	
		For >5000, Deduct	*-0.83*	
09 23 13 00-0023	SF	Perlite Or Vermiculite Three Coats Gypsum Plaster On Walls	4.65	2.51
		For Walls >10' High, Add	*0.41*	
		For Horizontal Installation Up To 10' High, Add	*0.62*	
		For Horizontal Installation >10' High, Add	*1.23*	
		For Columns Or Beams Up To 10' High, Add	*1.27*	
		For Columns Or Beams >10' High, Add	*1.89*	
		For <100, Add	*2.06*	
		For >100 To 500, Add	*1.03*	
		For >5000, Deduct	*-0.82*	

09 23 13 00-0024 Keene's Cement Plaster, Quick Setting, White Hard Plaster *(09 23 13)*

Note: Used for areas with higher than normal moisture.

09 23 13 00-0025	SF	1 Coat Keene's Cement Plaster On Walls	3.17	1.53
		For Walls >10' High, Add	*0.25*	
		For Horizontal Installation Up To 10' High, Add	*0.37*	
		For Horizontal Installation >10' High, Add	*0.74*	
		For Columns Or Beams Up To 10' High, Add	*0.76*	
		For Columns Or Beams >10' High, Add	*1.13*	
		For <100, Add	*1.23*	
		For >100 To 500, Add	*0.61*	
		For >5000, Deduct	*-0.49*	
09 23 13 00-0026	SF	2 Coat Keene's Cement Plaster On Walls	4.79	2.39
		For Walls >10' High, Add	*0.39*	
		For Horizontal Installation Up To 10' High, Add	*0.58*	
		For Horizontal Installation >10' High, Add	*1.16*	
		For Columns Or Beams Up To 10' High, Add	*1.20*	
		For Columns Or Beams >10' High, Add	*1.78*	
		For <100, Add	*1.94*	
		For >100 To 500, Add	*0.97*	
		For >5000, Deduct	*-0.78*	
09 23 13 00-0027	SF	3 Coat Keene's Cement Plaster On Walls	5.42	2.69
		For Walls >10' High, Add	*0.44*	
		For Horizontal Installation Up To 10' High, Add	*0.66*	
		For Horizontal Installation >10' High, Add	*1.32*	
		For Columns Or Beams Up To 10' High, Add	*1.36*	
		For Columns Or Beams >10' High, Add	*2.02*	
		For <100, Add	*2.20*	
		For >100 To 500, Add	*1.10*	
		For >5000, Deduct	*-0.88*	

09 23 13 00-0028 Plaster Bonding Agent *(09 23 13)*

09 23 13 00-0029	SF	1 Coat, Brush/Roller Plaster Bonding Agent	0.43	
		For Walls >10' High, Add	*0.04*	
		For Columns Or Beams Up To 10' High, Add	*0.11*	
		For Columns Or Beams >10' High, Add	*0.16*	
		For Ceiling Application Up To 10' High, Add	*0.05*	
		For Ceiling Application >10' High, Add	*0.08*	

09 24 Cement Plastering *(09 20)*

09 24 23 Cement Stucco *(09 24)*

Note: Packaged product reinforced with fibers. All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring.

09 24 23 00-0001 Stucco *(09 24 23)*

Note: Excludes wall scaffolding or lifting equipment. See CSI section 09 22 36 00-0000 for lath.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 24 23 00-0002	SF	Three Coat Troweled Stucco, Scratch/Brown/Finish Note: Excludes lath and felt. Interior or exterior, one side.	5.99	1.90
		For Walls >10' High, Add	*0.52*	
		For Horizontal Installation Up To 10' High, Add	*0.78*	
		For Horizontal Installation >10' High, Add	*1.56*	
		For Columns Or Beams Up To 10' High, Add	*1.61*	
		For Columns Or Beams >10' High, Add	*2.39*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.09*	
		For <100, Add	*2.60*	
		For >100 To 500, Add	*1.30*	
		For >5000, Deduct	*-1.04*	
09 24 23 00-0003	SF	Two Coat Troweled Stucco, Scratch/Brown Note: Excludes lath and felt. Interior or exterior, one side.	2.60	0.91
		For Walls >10' High, Add	*0.19*	
		For Horizontal Installation Up To 10' High, Add	*0.29*	
		For Horizontal Installation >10' High, Add	*0.57*	
		For Columns Or Beams Up To 10' High, Add	*0.59*	
		For Columns Or Beams >10' High, Add	*0.87*	
		For <100, Add	*0.95*	
		For >100 To 500, Add	*0.48*	
		For >5000, Deduct	*-0.38*	
09 24 23 00-0004	SF	Two Coat Troweled Stucco, Scratch/Finish Note: Excludes lath and felt. Interior or exterior, one side.	3.95	0.91
		For Walls >10' High, Add	*0.34*	
		For Horizontal Installation Up To 10' High, Add	*0.51*	
		For Horizontal Installation >10' High, Add	*1.01*	
		For Columns Or Beams Up To 10' High, Add	*1.04*	
		For Columns Or Beams >10' High, Add	*1.55*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*0.93*	
		For <100, Add	*1.69*	
		For >100 To 500, Add	*0.84*	
		For >5000, Deduct	*-0.67*	
09 24 23 00-0005	SF	Finish Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	2.55	0.61
		For Walls >10' High, Add	*0.25*	
		For Horizontal Installation Up To 10' High, Add	*0.37*	
		For Horizontal Installation >10' High, Add	*0.74*	
		For Columns Or Beams Up To 10' High, Add	*0.76*	
		For Columns Or Beams >10' High, Add	*1.13*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*0.92*	
		For <100, Add	*1.23*	
		For >100 To 500, Add	*0.61*	
		For >5000, Deduct	*-0.49*	

09 24 33 Cement Parging *(09 24)*

09 24 33 00-0001 Cement Parging *(09 24 33)*

09 24 33 00-0002	SF	1/8" Thick Sand And Cement Parging	2.60
09 24 33 00-0003	SF	1/4" Thick Sand And Cement Parging	3.32
09 24 33 00-0004	SF	1/2" Thick Sand And Cement Parging	9.33

09 28 Backing Boards And Underlayments *(09 20)*

09 28 13 Cementitious Backing Boards *(09 28)*

09 28 13 00-0001 Cementitious Backer Units *(09 28 13)*
Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.

09 28 13 00-0002	SF	1/4" Cementitious Backer Units For Installation On Floors	2.80	0.51
		For Up To 50, Add	*2.22*	
		For >50 To 250, Add	*0.41*	
		For >1000, Deduct	*-0.20*	
		For Installation On Wall, Add	*0.41*	
		For Installation On Ceiling, Add	*1.02*	
09 28 13 00-0003	SF	1/2" Cementitious Backer Units For Installation On Floors	3.24	0.61
		For Up To 50, Add	*2.65*	
		For >50 To 250, Add	*0.49*	
		For >1000, Deduct	*-0.25*	
		For Installation On Wall, Add	*0.49*	
		For Installation On Ceiling, Add	*1.23*	
09 28 13 00-0004	SF	5/8" Cementitious Backer Units For Installation On Floors	3.96	0.71
		For Up To 50, Add	*3.13*	
		For >50 To 250, Add	*0.57*	
		For >1000, Deduct	*-0.29*	
		For Installation On Wall, Add	*0.57*	
		For Installation On Ceiling, Add	*1.43*	

09 28 16 Glass-Mat Faced Gypsum Backing Boards *(09 28)*

09 28 16 00-0001 Glass Mat Faced Backer Units, DensSheild *(09 28 16)*
Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 28 16 00-0002	SF	1/2" DensShield Tile Backer For Installation On Floors	2.16	0.57
		For Up To 50, Add	*1.64*	
		For >50 To 250, Add	*0.29*	
		For >1000, Deduct	*-0.15*	
		For Installation On Wall, Add	*0.29*	
		For Installation On Ceiling, Add	*0.74*	
09 28 16 00-0003	SF	5/8" DensShield Tile Backer For Installation On Floors	2.73	0.65
		For Up To 50, Add	*1.91*	
		For >50 To 250, Add	*0.33*	
		For >1000, Deduct	*-0.16*	
		For Installation On Wall, Add	*0.33*	
		For Installation On Ceiling, Add	*0.82*	

09 28 23 Bullet Resistant Fiberglass Board *(09 28)*

09 28 23 00-0001 Laminated Bullet Resistant Fiberglass Panel *(09 28 23)*

Note: Material consisting of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into rigid flat sheets.

09 28 23 00-0002	SF	1/8" Thick Ballistic Resistant Fiberglass Panel, 1.2 LB/SF	12.02	1.15
09 28 23 00-0003	SF	3/16" Thick Ballistic Resistant Fiberglass Panel, 2 LB/SF	16.02	1.23
09 28 23 00-0004	SF	1/4" Thick Ballistic Resistant Fiberglass Panel, 2.4 To 2.6 LB/SF	18.02	1.31
09 28 23 00-0005	SF	5/16" Thick Ballistic Resistant Fiberglass Panel, 3 To 3.6 LB/SF	19.20	1.40
09 28 23 00-0006	SF	7/16" Thick Ballistic Resistant Fiberglass Panel, 4 To 4.9 LB/SF	22.31	1.56
09 28 23 00-0007	SF	9/16" Thick Ballistic Resistant Fiberglass Panel, 5.5 To 6.6 LB/SF	36.87	1.89
09 28 23 00-0008	SF	1-3/16" Thick Ballistic Resistant Fiberglass Panel, 12 To 13.2 LB/SF	62.48	3.53
09 28 23 00-0009	SF	1-5/16" Thick Ballistic Resistant Fiberglass Panel, 13.4 To 14 LB/SF	75.85	3.86
09 28 23 00-0010	SF	1-7/16" Thick Ballistic Resistant Fiberglass Panel, 15.2 To 16 LB/SF	85.95	4.11

09 29 Gypsum Board *(09 20)*

09 29 00 00-0001 Standard Gypsum Board Application *(09 29)*

Note: Price includes gypsum board screwed on one face only, without finishing. Installed on walls, ceilings, beams, columns, soffits, recesses and chases, flat or curved surfaces. See CSI section 09 01 20 00-0001 for small repairs, 09 29 00 00-0054 for finishing gypsum board, 09 29 00 00-0072 for casing and corner bead, 09 91 43 00-0011 for small repairs.

09 29 00 00-0002 Standard Gypsum Board Application *(09 29 00 00-0001)*

09 29 00 00-0003	SF	1/4" Gypsum Board	0.93	0.32
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.15*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.33*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.09*	
		For Horizontal Installation Up To 10' High, Add	*0.22*	
		For Horizontal Installation >10' High, Add	*0.33*	
		For Walls >10' High, Add	*0.05*	
		For Up To 128, Add	*0.38*	
		For >128 To 320, Add	*0.19*	
09 29 00 00-0004	SF	3/8" Gypsum Board	1.01	0.36
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.17*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.37*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.10*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.25*	
		For Horizontal Installation >10' High, Add	*0.37*	
		For Walls >10' High, Add	*0.06*	
		For Up To 128, Add	*0.42*	
		For >128 To 320, Add	*0.21*	
09 29 00 00-0005	SF	1/2" Gypsum Board	1.13	0.42
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.20*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.43*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.10*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.29*	
		For Horizontal Installation >10' High, Add	*0.43*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.48*	
		For >128 To 320, Add	*0.24*	
09 29 00 00-0006	SF	5/8" Gypsum Board	1.31	0.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.23*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.49*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.49*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.55*	
		For >128 To 320, Add	*0.28*	
09 29 00 00-0007	SF	1/4" Gypsum Board, Two Layers	1.73	0.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.59*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.59*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.70*	
		For >128 To 320, Add	*0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0008	SF	3/8" Gypsum Board, Two Layers	1.88	0.66
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.31*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.66*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.13*	
		For Horizontal Installation Up To 10' High, Add	*0.45*	
		For Horizontal Installation >10' High, Add	*0.66*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.77*	
		For >128 To 320, Add	*0.39*	
09 29 00 00-0009	SF	1/2" Gypsum Board, Two Layers	2.08	0.75
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.36*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.76*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.14*	
		For Horizontal Installation Up To 10' High, Add	*0.52*	
		For Horizontal Installation >10' High, Add	*0.76*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*0.87*	
		For >128 To 320, Add	*0.44*	
09 29 00 00-0010	SF	5/8" Gypsum Board, Two Layers	2.42	0.88
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.41*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.87*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.15*	
		For Horizontal Installation Up To 10' High, Add	*0.59*	
		For Horizontal Installation >10' High, Add	*0.87*	
		For Walls >10' High, Add	*0.14*	
		For Up To 128, Add	*1.01*	
		For >128 To 320, Add	*0.50*	

09 29 00 00-0011 Fire Rated Gypsum Board Application *(09 29 00 00-0001)*

09 29 00 00-0012 Type X, Fire Rated Gypsum Board *(09 29 00 00-0011)*

09 29 00 00-0013	SF	5/8" Type X Fire Rated Gypsum Board	1.40	0.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.25*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.54*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.36*	
		For Horizontal Installation >10' High, Add	*0.54*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.60*	
		For >128 To 320, Add	*0.30*	
09 29 00 00-0014	SF	5/8" Type X Fire Rated Gypsum Board, Two Layers	2.59	0.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.45*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.96*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.16*	
		For Horizontal Installation Up To 10' High, Add	*0.65*	
		For Horizontal Installation >10' High, Add	*0.96*	
		For Walls >10' High, Add	*0.15*	
		For Up To 128, Add	*1.09*	
		For >128 To 320, Add	*0.55*	

09 29 00 00-0015 Type C, Fire Rated Gypsum Board *(09 29 00 00-0011)*

09 29 00 00-0016	SF	1/2" Type C Fire Rated Gypsum Board	1.28	0.42
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.22*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.47*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.32*	
		For Horizontal Installation >10' High, Add	*0.47*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.54*	
		For >128 To 320, Add	*0.27*	
09 29 00 00-0017	SF	5/8" Type C Fire Rated Gypsum Board	1.44	0.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.25*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.54*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.36*	
		For Horizontal Installation >10' High, Add	*0.54*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.61*	
		For >128 To 320, Add	*0.30*	
09 29 00 00-0018	SF	1/2" Type C Fire Rated Gypsum Board, Two Layers	2.37	0.42
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.39*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.84*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.14*	
		For Horizontal Installation Up To 10' High, Add	*0.57*	
		For Horizontal Installation >10' High, Add	*0.84*	
		For Walls >10' High, Add	*0.13*	
		For Up To 128, Add	*0.98*	
		For >128 To 320, Add	*0.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0019	SF	5/8" Type C Fire Rated Gypsum Board, Two Layers	2.67	0.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.45*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.96*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.16*	
		For Horizontal Installation Up To 10' High, Add	*0.65*	
		For Horizontal Installation >10' High, Add	*0.96*	
		For Walls >10' High, Add	*0.15*	
		For Up To 128, Add	*1.11*	
		For >128 To 320, Add	*0.56*	
09 29 00 00-0020		Fire Rated Gypsum Board (Sheetrock® Ultracode®) *(09 29 00 00-0011)*		
09 29 00 00-0021	SF	3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®)	1.91	0.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.25*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.54*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.36*	
		For Horizontal Installation >10' High, Add	*0.54*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.70*	
		For >128 To 320, Add	*0.35*	
09 29 00 00-0022	SF	3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®), Two Layers	3.61	0.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.46*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.96*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.16*	
		For Horizontal Installation Up To 10' High, Add	*0.65*	
		For Horizontal Installation >10' High, Add	*0.96*	
		For Walls >10' High, Add	*0.15*	
		For Up To 128, Add	*1.30*	
		For >128 To 320, Add	*0.65*	
09 29 00 00-0023		Moisture Resistant Gypsum Board Application *(09 29 00 00-0001)*		
		Note: Water-resistant gypsum core.		
09 29 00 00-0024	SF	1/2" Moisture Resistant Gypsum Board	1.21	0.42
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.20*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.43*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.29*	
		For Horizontal Installation >10' High, Add	*0.43*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.50*	
		For >128 To 320, Add	*0.25*	
09 29 00 00-0025	SF	5/8" Moisture Resistant Gypsum Board	1.54	0.42
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.23*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.49*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.49*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.60*	
		For >128 To 320, Add	*0.30*	
09 29 00 00-0026		Vinyl Faced Gypsum Board Application *(09 29 00 00-0001)*		
		Note: All prefinished vinyl faced panels include, screws, edge grip clips and adhesive.		
09 29 00 00-0027	SF	3/8" Prefinished, Vinyl Faced Gypsum Board	2.13	0.32
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.18*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.37*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.25*	
		For Horizontal Installation >10' High, Add	*0.37*	
		For Walls >10' High, Add	*0.06*	
		For Up To 128, Add	*0.65*	
		For >128 To 320, Add	*0.32*	
09 29 00 00-0028	SF	1/2" Prefinished, Vinyl Faced Gypsum Board	2.25	0.42
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.21*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.43*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.29*	
		For Horizontal Installation >10' High, Add	*0.43*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.71*	
		For >128 To 320, Add	*0.35*	
09 29 00 00-0029	SF	5/8" Prefinished, Vinyl Faced Gypsum Board	2.37	0.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.24*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.49*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.49*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.77*	
		For >128 To 320, Add	*0.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0030	SF	1/2" Fire Rated, Prefinished Vinyl Faced Gypsum Board	2.60	0.42
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.23*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.47*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.32*	
		For Horizontal Installation >10' High, Add	*0.47*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.80*	
		For >128 To 320, Add	*0.40*	
09 29 00 00-0031	SF	5/8" Fire Rated, Prefinished Vinyl Faced Gypsum Board	3.91	0.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.27*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.54*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.36*	
		For Horizontal Installation >10' High, Add	*0.54*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*1.10*	
		For >128 To 320, Add	*0.55*	

09 29 00 00-0032 Moisture And Mold Resistant Gypsum Board Application *(09 29 00 00-0001)*

09 29 00 00-0033	SF	1/2", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board	1.39	0.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.20*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.43*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.10*	
		For Non-reinforced Board, Deduct	*-0.08*	
		For Horizontal Installation Up To 10' High, Add	*0.29*	
		For Horizontal Installation >10' High, Add	*0.43*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.53*	
		For >128 To 320, Add	*0.27*	
09 29 00 00-0034	SF	5/8", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board	1.64	0.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.23*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.49*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Non-reinforced Board, Deduct	*-0.08*	
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.49*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.62*	
		For >128 To 320, Add	*0.31*	
09 29 00 00-0035	SF	1/2" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board	1.63	0.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.22*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.47*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.32*	
		For Horizontal Installation >10' High, Add	*0.47*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.61*	
		For >128 To 320, Add	*0.30*	
09 29 00 00-0036	SF	5/8" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board	1.83	0.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.25*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.54*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.36*	
		For Horizontal Installation >10' High, Add	*0.54*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.69*	
		For >128 To 320, Add	*0.34*	

09 29 00 00-0037 Hi-Impact Gypsum Board *(09 29 00 00-0001)*

Note: Abrasion, impact and penetration resistant.

09 29 00 00-0038	SF	0.01" Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board	2.26	0.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.24*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.49*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.49*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.74*	
		For >128 To 320, Add	*0.37*	
09 29 00 00-0039	SF	0.02" Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board	2.64	0.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.24*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.49*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.49*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.82*	
		For >128 To 320, Add	*0.41*	
09 29 00 00-0040	SF	0.03" Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board	3.02	0.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.24*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.49*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.49*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.90*	
		For >128 To 320, Add	*0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0041	SF	0.08" Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board	5.28	0.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.27*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.49*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.49*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*1.35*	
		For >128 To 320, Add	*0.67*	
09 29 00 00-0042		**Hi-Abuse Gypsum Board** *(09 29 00 00-0001)*		
		Note: Surface indentation, impact, abrasion and moisture/mold/mildew resistant.		
09 29 00 00-0043	SF	5/8" Fire Rated, Hi-Abuse Gypsum Board	1.68	0.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.23*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.49*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.49*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.63*	
		For >128 To 320, Add	*0.31*	
09 29 00 00-0044		**Soundproof Gypsum Board** *(09 29 00 00-0001)*		
		Note: Minimum STC rating for 1/2" board is 49 and 5/8" board is 51.		
09 29 00 00-0045	SF	1/2" Soundproof Gypsum Board	3.09	0.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.25*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.49*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.49*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.91*	
		For >128 To 320, Add	*0.46*	
09 29 00 00-0046	SF	5/8" Soundproof Gypsum Board	3.72	0.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.25*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.49*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.49*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*1.04*	
		For >128 To 320, Add	*0.52*	
09 29 00 00-0047		**Shaft Wall** *(09 29)*		
		See CSI section 09 29 00 00-0054 for finishing drywall.		
09 29 00 00-0048	SF	3/4" Fire Rated Shaft Wall Assembly	5.10	2.03
		Note: 1/4" thick fiber-cement board with tapered edges over 1/2" thick type "X" gypsum board. Excludes studs or wall structure.		
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*2.04*	
		For Horizontal Installation Up To 10' High, Add	*1.39*	
		For Horizontal Installation >10' High, Add	*2.04*	
		For Walls >10' High, Add	*0.33*	
		For Up To 128, Add	*2.24*	
		For >128 To 320, Add	*1.12*	
09 29 00 00-0049	SF	7/8" Fire Rated Shaft Wall Assembly	5.93	2.45
		Note: 1/4" thick fiber-cement board with tapered edges over 5/8" thick type "X" gypsum board. Excludes studs or wall structure.		
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*2.45*	
		For Horizontal Installation Up To 10' High, Add	*1.66*	
		For Horizontal Installation >10' High, Add	*2.45*	
		For Walls >10' High, Add	*0.39*	
		For Up To 128, Add	*2.65*	
		For >128 To 320, Add	*1.33*	
09 29 00 00-0050	SF	2-1/2", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaftwall Assembly	4.94	1.57
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*1.57*	
		For Horizontal Installation Up To 10' High, Add	*1.07*	
		For Horizontal Installation >10' High, Add	*1.57*	
		For Walls >10' High, Add	*0.25*	
		For Up To 128, Add	*1.93*	
		For >128 To 320, Add	*0.97*	
		For Glass Mat Surfaces, Add	*0.19*	
09 29 00 00-0051	SF	4", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaftwall Assembly	5.26	1.65
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*1.65*	
		For Horizontal Installation Up To 10' High, Add	*1.12*	
		For Horizontal Installation >10' High, Add	*1.65*	
		For Walls >10' High, Add	*0.26*	
		For Up To 128, Add	*2.04*	
		For >128 To 320, Add	*1.02*	
		For Glass Mat Surfaces, Add	*0.19*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0052	SF	2-1/2", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaftwall Assembly	5.69	1.65
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*1.65*	
		For Horizontal Installation Up To 10' High, Add	*1.12*	
		For Horizontal Installation >10' High, Add	*1.65*	
		For Walls >10' High, Add	*0.26*	
		For Up To 128, Add	*2.13*	
		For >128 To 320, Add	*1.06*	
		For Glass Mat Surfaces, Add	*0.19*	
09 29 00 00-0053	SF	4", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaftwall Assembly	6.02	1.73
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*1.73*	
		For Horizontal Installation Up To 10' High, Add	*1.17*	
		For Horizontal Installation >10' High, Add	*1.73*	
		For Walls >10' High, Add	*0.28*	
		For Up To 128, Add	*2.24*	
		For >128 To 320, Add	*1.12*	
		For Glass Mat Surfaces, Add	*0.19*	

09 29 00 00-0054 Finishing Gypsum Board Applications *(09 29)*

Note: Includes flat or curved walls, columns, soffits, recesses, and chases. Tape, spackle, sand and finish gypsum board to the appropriate level as defined by ASTM C 840. No taping or finishing is required for Level 0. For Level 1, tape is set in compound at joints and interior angles. Ridges and tool marks are acceptable. For Level 2, tape is set in compound and wiped with a joint knife leaving a thin coating of compound over joints, interior angles, fastener heads, and beads. Ridges and tool marks are acceptable. Compound applied over the body of the tape at the time of the tape is set satisfies the conditions for this level. For Level 3, tape is set in compound and one additional coat of compound is applied over all joints and interior angles. Fastener heads and accessories receive two separate coats of joint compound. Ridges and tool marks are not acceptable. For Level 4, tape is set in compound and two separate coats of compound are applied over all flat joints with one separate coat of compound applied over interior angles. Fastener heads and accessories receive three separate coats of compound. Ridges and tool marks are not acceptable. A Level 5 finish is a Level 4 finish plus a thin skim coat of compound applied to the entire drywall surface. All levels of finish require that the surface be free of excess compound. A single modifier may be used to change the level of finish to the appropriate level.

09 29 00 00-0055 Finish Gypsum Board Walls, ASTM C840 Level 4 *(09 29 00 00-0054)*

09 29 00 00-0056	SF	Up To 10' High, Walls, Tape, Spackle And Finish Gypsum Board	0.58
		For Up To 128, Add	*0.22*
		For >128 To 320, Add	*0.14*
		For ASTM C840 Level 1 Finish, Deduct	*-0.28*
		For ASTM C840 Level 2 Finish, Deduct	*-0.14*
		For ASTM C840 Level 3 Finish, Deduct	*-0.06*
		For ASTM C840 Level 5 High Quality Finish, Add	*0.35*
09 29 00 00-0057	SF	>10' High, Walls, Tape, Spackle And Finish Gypsum Board	0.78
		Note: Use this task for the entire wall area when the wall is >10' high.	
		For Up To 128, Add	*0.30*
		For >128 To 320, Add	*0.19*
		For ASTM C840 Level 1 Finish, Deduct	*-0.38*
		For ASTM C840 Level 2 Finish, Deduct	*-0.19*
		For ASTM C840 Level 3 Finish, Deduct	*-0.08*
		For ASTM C840 Level 5 High Quality Finish, Add	*0.47*

09 29 00 00-0058 Finish Gypsum Board Ceilings, ASTM C840 Level 4 *(09 29 00 00-0054)*

09 29 00 00-0059	SF	Up To 10' High, Ceilings, Tape, Spackle And Finish Gypsum Board	0.73
		For Up To 128, Add	*0.28*
		For >128 To 320, Add	*0.18*
		For ASTM C840 Level 1 Finish, Deduct	*-0.35*
		For ASTM C840 Level 2 Finish, Deduct	*-0.18*
		For ASTM C840 Level 3 Finish, Deduct	*-0.07*
		For ASTM C840 Level 5 High Quality Finish, Add	*0.44*
09 29 00 00-0060	SF	>10' High, Ceilings, Tape, Spackle And Finish Gypsum Board	0.92
		Note: Use this task for the entire wall area when the wall is >10' high.	
		For Up To 128, Add	*0.36*
		For >128 To 320, Add	*0.22*
		For ASTM C840 Level 1 Finish, Deduct	*-0.45*
		For ASTM C840 Level 2 Finish, Deduct	*-0.22*
		For ASTM C840 Level 3 Finish, Deduct	*-0.09*
		For ASTM C840 Level 5 High Quality Finish, Add	*0.55*

09 29 00 00-0061 Finish Gypsum Board Vertical Corners, ASTM C840 Level 4 *(09 29 00 00-0054)*

Note: Inside or outside gypsum board corners.

09 29 00 00-0062	LF	Up To 10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board	1.18
		For ASTM C840 Level 1 Finish, Deduct	*-0.55*
		For ASTM C840 Level 2 Finish, Deduct	*-0.28*
		For ASTM C840 Level 3 Finish, Deduct	*-0.11*
		For ASTM C840 Level 5 High Quality Finish, Add	*0.71*
09 29 00 00-0063	LF	>10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board	1.41
		Note: Use this task for the entire wall area when the wall is >10' high.	
		For ASTM C840 Level 1 Finish, Deduct	*-0.67*
		For ASTM C840 Level 2 Finish, Deduct	*-0.33*
		For ASTM C840 Level 3 Finish, Deduct	*-0.13*
		For ASTM C840 Level 5 High Quality Finish, Add	*0.85*

09 29 00 00-0064 Finish Gypsum Board Horizontal Corners, ASTM C840 Level 4 *(09 29 00 00-0054)*

Note: Inside or outside gypsum board corners.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0065	LF	Up To 10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board	1.37	
		For ASTM C840 Level 1 Finish, Deduct	*-0.65*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.32*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.13*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.82*	
09 29 00 00-0066	LF	>10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board	1.64	
		Note: Use this task for the entire wall area when the wall is >10' high.		
		For ASTM C840 Level 1 Finish, Deduct	*-0.78*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.39*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.16*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.98*	
09 29 00 00-0067		**Textured Finishes For Gypsum Board** *(09 29 00 00-0054)*		
09 29 00 00-0068	SF	"Popcorn" Spray Applied, Finish On Existing Gypsum Board Ceiling	0.30	
09 29 00 00-0069	SF	Textured Finish On Existing Gypsum Board Ceiling	0.60	
		Note: For non spray applied textures.		
09 29 00 00-0070	SF	Spray Applied Orange Peel Finish On Existing Gypsum Board Wall	0.29	
09 29 00 00-0071	SF	Spray Applied Knockdown Or Skip Trowel Finish On Existing Gypsum Board Wall	0.36	
09 29 00 00-0072		**Casing And Corner Beads** *(09 29)*		
09 29 00 00-0073	LF	Casing, J-Bead For Gypsum Board	2.89	0.81
09 29 00 00-0074	LF	Corner Bead, Galvanized Metal For Gypsum Board	2.79	0.81
09 29 00 00-0075		**Architectural Forms** *(09 29)*		
09 29 00 00-0076	SF	1" Architectural Foam Forms For Gypsum Board Cover	3.63	
09 29 00 00-0077		**Preformed Architectural Profiles** *(09 29)*		
09 29 00 00-0078		**Trim Reveals** *(09 29 00 00-0077)*		
09 29 00 00-0079	LF	1/8" x 1/2" Aluminum Extrusions, Trim Reveal, Single Fin	2.79	0.98
09 29 00 00-0080	LF	1/4" x 1/2" Aluminum Extrusions, Trim Reveal, Single Fin	2.80	0.98
09 29 00 00-0081	LF	3/8" x 1/2" Aluminum Extrusions, Trim Reveal, Single Fin	2.85	0.98
09 29 00 00-0082	LF	1/2" x 1/2" Aluminum Extrusions, Trim Reveal, Single Fin	2.88	0.98
09 29 00 00-0083	LF	5/8" x 1/2" Aluminum Extrusions, Trim Reveal, Single Fin	2.94	0.98
09 29 00 00-0084	LF	3/4" x 1/2" Aluminum Extrusions, Trim Reveal, Single Fin	3.01	0.98
09 29 00 00-0085	LF	1" x 1/2" Aluminum Extrusions, Trim Reveal, Single Fin	3.07	0.98
09 29 00 00-0086	LF	1-1/2" x 1/2" Aluminum Extrusions, Trim Reveal, Single Fin	3.28	0.98
09 29 00 00-0087	LF	2" x 1/2" Aluminum Extrusions, Trim Reveal, Single Fin	3.48	0.98
09 29 00 00-0088	LF	1/8" x 5/8" Aluminum Extrusions, Trim Reveal, Single Fin	2.92	1.06
09 29 00 00-0089	LF	1/4" x 5/8" Aluminum Extrusions, Trim Reveal, Single Fin	2.92	1.06
09 29 00 00-0090	LF	3/8" x 5/8" Aluminum Extrusions, Trim Reveal, Single Fin	3.06	1.06
09 29 00 00-0091	LF	1/2" x 5/8" Aluminum Extrusions, Trim Reveal, Single Fin	3.09	1.06
09 29 00 00-0092	LF	5/8" x 5/8" Aluminum Extrusions, Trim Reveal, Single Fin	3.18	1.06
09 29 00 00-0093	LF	3/4" x 5/8" Aluminum Extrusions, Trim Reveal, Single Fin	3.22	1.06
09 29 00 00-0094	LF	1" x 5/8" Aluminum Extrusions, Trim Reveal, Single Fin	3.27	1.06
09 29 00 00-0095	LF	1-1/2" x 5/8" Aluminum Extrusions, Trim Reveal, Single Fin	3.50	1.06
09 29 00 00-0096	LF	2" x 5/8" Aluminum Extrusions, Trim Reveal, Single Fin	3.73	1.06
09 29 00 00-0097	LF	3" x 5/8", Softforms Aluminum Extrusions, Trim Reveal	4.85	1.22
09 29 00 00-0098	LF	4" x 5/8", Softforms Aluminum Extrusions, Trim Reveal	5.23	1.22
09 29 00 00-0099		**Edge Trim** *(09 29 00 00-0077)*		
09 29 00 00-0100	LF	1/2" Aluminum Extrusions, Edge Trim	2.69	1.02
09 29 00 00-0101	LF	5/8" Aluminum Extrusions, Edge Trim	2.80	1.02
09 29 00 00-0102	LF	1" Aluminum Extrusions, Edge Trim	3.20	1.13
09 29 00 00-0103	LF	1-1/4" Aluminum Extrusions, Edge Trim	3.38	1.22
09 29 00 00-0104	LF	1/2" Flexible Aluminum Extrusions, Edge Trim	3.97	1.02
09 29 00 00-0105	LF	5/8" Flexible Aluminum Extrusions, Edge Trim	4.07	1.02
09 29 00 00-0106	LF	1" Flexible Aluminum Extrusions, Edge Trim	4.48	1.13
09 29 00 00-0107	LF	1-1/4" Flexible Aluminum Extrusions, Edge Trim	4.66	1.22
09 29 00 00-0108		**Bevel Trim** *(09 29 00 00-0077)*		
09 29 00 00-0109	LF	5/16" x 1/4" Aluminum Extrusions, Bevel Trim	2.80	1.02
09 29 00 00-0110	LF	5/8" x 5/8" Aluminum Extrusions, Bevel Trim	3.17	1.13
09 29 00 00-0111		**Trim/Wainscot Cap** *(09 29 00 00-0077)*		
09 29 00 00-0112	LF	1-1/2" Wide Aluminum Extrusions, Trim/Wainscot Cap, /LF	3.60	1.22
09 29 00 00-0113		**Single Fin Wall/Trim Reveals** *(09 29 00 00-0077)*		
09 29 00 00-0114	LF	1/8" x 1/2" Aluminum Extrusions, Wall Reveal, Single Fin	2.31	0.65
09 29 00 00-0115	LF	1/4" x 1/2" Aluminum Extrusions, Wall Reveal, Single Fin	2.44	0.73
09 29 00 00-0116	LF	3/8" x 1/2" Aluminum Extrusions, Wall Reveal, Single Fin	2.82	0.81
09 29 00 00-0117	LF	1/2" x 1/2" Aluminum Extrusions, Wall Reveal, Single Fin	3.02	0.90
09 29 00 00-0118	LF	5/8" x 1/2" Aluminum Extrusions, Wall/Trim Reveal, Single Fin	3.20	0.98
09 29 00 00-0119	LF	3/4" x 1/2" Aluminum Extrusions, Wall/Trim Reveal, Single Fin	3.24	0.98
09 29 00 00-0120	LF	1" x 1/2" Aluminum Extrusions, Wall/Trim Reveal, Single Fin	3.35	0.98
09 29 00 00-0121	LF	1-1/2" x 1/2" Aluminum Extrusions, Wall/Trim Reveal, Single Fin	3.57	0.98
09 29 00 00-0122	LF	2" x 1/2" Aluminum Extrusions, Wall/Trim Reveal, Single Fin	3.65	0.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0123	LF	1/8" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin	3.18	1.06
09 29 00 00-0124	LF	1/4" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin	3.21	1.06
09 29 00 00-0125	LF	3/8" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin	3.35	1.06
09 29 00 00-0126	LF	1/2" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin	3.41	1.06
09 29 00 00-0127	LF	5/8" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin	3.46	1.06
09 29 00 00-0128	LF	3/4" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin	3.52	1.06
09 29 00 00-0129	LF	1" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin	3.61	1.06
09 29 00 00-0130	LF	1-1/2" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin	3.84	1.06
09 29 00 00-0131	LF	2" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin	4.04	1.06
09 29 00 00-0132	LF	3" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin	4.65	1.06
09 29 00 00-0133	LF	4" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin	5.82	1.06
09 29 00 00-0134	LF	3-1/16" x 7/16", Aluminum Extrusions, Wall Base, Single Fin	4.42	1.06
09 29 00 00-0135	LF	3-1/16" x 9/16", Aluminum Extrusions, Wall Base, Single Fin	4.52	1.06
09 29 00 00-0136	LF	4-1/16" x 7/16", Aluminum Extrusions, Wall Base, Single Fin	4.87	1.06
09 29 00 00-0137	LF	4-1/16" x 9/16", Aluminum Extrusions, Wall Base, Single Fin	4.90	1.06
09 29 00 00-0138	LF	9/16" Tall with 1/2" Reveal, Aluminum Extrusions, Wall Base with Reveal, Single Fin	5.40	1.06
09 29 00 00-0139	LF	5/8" Aluminum Extrusions, Wall/Trim Reveal Hanging Trim Reveal Hanging Track, Single Fin	4.66	1.06
09 29 00 00-0140		**'V' Groove Wall Reveals** *(09 29 00 00-0077)*		
09 29 00 00-0141	LF	1/4" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal	4.12	1.47
09 29 00 00-0142	LF	3/4" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal	4.76	1.63
09 29 00 00-0143	LF	1" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal	5.45	1.95
09 29 00 00-0144	LF	9/32" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal	5.71	2.12
09 29 00 00-0145		**Double Fin Wall Reveals** *(09 29 00 00-0077)*		
09 29 00 00-0146	LF	3/8" x 3/8" Aluminum Extrusions, Wall Reveal, Double Fin	3.40	0.98
09 29 00 00-0147	LF	1/8" x 1/2" Aluminum Extrusions, Wall Reveal, Double Fin	3.43	0.98
09 29 00 00-0148	LF	1/4" x 1/2" Aluminum Extrusions, Wall Reveal, Double Fin	3.45	0.98
09 29 00 00-0149	LF	3/8" x 1/2" Aluminum Extrusions, Wall Reveal, Double Fin	3.45	0.98
09 29 00 00-0150	LF	1/2" x 1/2" Aluminum Extrusions, Wall Reveal, Double Fin	3.57	0.98
09 29 00 00-0151	LF	5/8" x 1/2" Aluminum Extrusions, Wall Reveal, Double Fin	3.62	0.97
09 29 00 00-0152	LF	3/4" x 1/2" Aluminum Extrusions, Wall Reveal, Double Fin	3.67	0.98
09 29 00 00-0153	LF	1" x 1/2" Aluminum Extrusions, Wall Reveal, Double Fin	3.79	0.98
09 29 00 00-0154	LF	1-1/2" x 1/2" Aluminum Extrusions, Wall Reveal, Double Fin	3.98	0.98
09 29 00 00-0155	LF	2" x 1/2" Aluminum Extrusions, Wall Reveal, Double Fin	4.18	0.98
09 29 00 00-0156	LF	3/8" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin	3.63	1.06
09 29 00 00-0157	LF	1/4" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin	3.65	1.06
09 29 00 00-0158	LF	3/8" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin	3.70	1.06
09 29 00 00-0159	LF	1/2" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin	3.82	1.06
09 29 00 00-0160	LF	5/8" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin	3.87	1.06
09 29 00 00-0161	LF	3/4" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin	3.91	1.06
09 29 00 00-0162	LF	1" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin	4.04	1.06
09 29 00 00-0163	LF	1-1/2" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin	4.24	1.06
09 29 00 00-0164	LF	2" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin	4.44	1.06
09 29 00 00-0165	LF	3" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin	4.99	1.06
09 29 00 00-0166	LF	4" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin	6.14	1.06
09 29 00 00-0167	LF	1-1/2" x 1" Aluminum Extrusions, Wall Reveal, Double Fin	5.76	1.16
09 29 00 00-0168	LF	3/4" x 1 1/2" Aluminum Extrusions, Wall Reveal, Double Fin	6.67	1.42
09 29 00 00-0169	LF	1-1/2" x 1-1/2" Aluminum Extrusions, Wall Reveal, Double Fin	6.84	1.42
09 29 00 00-0170	LF	1/2", Aluminum Extrusions, Hanging Track Wall Reveal, Double Fin	5.15	0.97
09 29 00 00-0171	LF	1 3/16", Aluminum Extrusions, Hanging Track Wall Reveal, Double Fin	5.38	1.42
09 29 00 00-0172	LF	1/4" Aluminum Extrusions, Wall Covering Joiner, Double Fin	3.82	0.97
09 29 00 00-0173		**Special Conditions Reveals** *(09 29 00 00-0077)*		
09 29 00 00-0174		**Radius Conditions** *(09 29 00 00-0173)*		
09 29 00 00-0175	EA	8' Long Inside Radius Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	31.92	
09 29 00 00-0176	EA	8' Long Outside Radius Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	31.92	
09 29 00 00-0177	EA	8' Long Circular / Arched Radius Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	31.92	
09 29 00 00-0178		**Knee Brace Kit** *(09 29 00 00-0173)*		
09 29 00 00-0179	EA	46" H, Aluminum Extrusions, Knee Brace Kit	81.65	10.18
09 29 00 00-0180		**Wall Bumper Rail** *(09 29 00 00-0173)*		
09 29 00 00-0181	LF	2-1/2" x 5/8", Aluminum Extrusions, Wall Bumper Rail	14.53	4.07
09 29 00 00-0182		**Corners** *(09 29 00 00-0077)*		
09 29 00 00-0183	LF	1/2"R, Aluminum Extrusions, Outside Corner	3.24	0.98
09 29 00 00-0184	LF	5/8"R, Aluminum Extrusions, Outside Corner	3.47	1.06
09 29 00 00-0185	LF	3/4"R, Aluminum Extrusions, Outside Corner	3.77	1.11
09 29 00 00-0186	LF	1"R, Aluminum Extrusions, Outside Corner	4.11	1.16
09 29 00 00-0187	LF	1-1/2" R, Aluminum Extrusions, Outside Corner	5.00	1.42
09 29 00 00-0188	LF	2" R, Aluminum Extrusions, Outside Corner	5.73	1.59
09 29 00 00-0189	LF	2-1/2" R, Aluminum Extrusions, Outside Corner	6.82	1.82
09 29 00 00-0190	LF	3" R, Aluminum Extrusions, Outside Corner	8.20	2.12
09 29 00 00-0191	LF	4" R, Aluminum Extrusions, Outside Corner	11.14	2.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0192	LF	90 Degree 3/8" Aluminum Extrusions, Hi-Strength Corner	3.18	0.95
09 29 00 00-0193	LF	90 Degree 1-1/4" Aluminum Extrusions, Hi-Strength Corner	5.31	1.28
09 29 00 00-0194	LF	90 Degree 1-1/4" Aluminum Extrusions, Fabric Tuck Corner	4.25	1.28
09 29 00 00-0195	LF	90 Degree 1-1/4" Aluminum Extrusions, Corner With Vertical Reveal	6.43	1.28
09 29 00 00-0196	LF	45 Degree 2" Aluminum Extrusions, Corner	8.87	1.59
09 29 00 00-0197	LF	60 Degree 2" Aluminum Extrusions, Corner	8.59	1.59
09 29 00 00-0198	LF	3/4" Aluminum Extrusions, Chamfered Corner	3.35	1.11
09 29 00 00-0199	LF	5/8" R, Aluminum Extrusions, Corners Return	3.31	1.06
09 29 00 00-0200	LF	1/2" x 1/2" Aluminum Extrusions, Double Corner Step	3.22	0.98
09 29 00 00-0201	LF	5/8" x 5/8" Aluminum Extrusions, Double Corner Step	3.42	1.06
09 29 00 00-0202	LF	1" x 1" Aluminum Extrusions, Double Corner Step	4.28	1.16
09 29 00 00-0203	LF	1/2" x 1/2" Aluminum Extrusions, Triple Corner Step	3.72	0.98
09 29 00 00-0204	LF	5/8" x 5/8" Aluminum Extrusions, Triple Corner Step	3.96	1.06
09 29 00 00-0205	LF	1" x 1" Aluminum Extrusions, Triple Corner Step	5.32	1.16
09 29 00 00-0206	LF	1/3" x 1/2" Aluminum Extrusions, Quad Corner Step	5.51	0.98
09 29 00 00-0207	LF	3" Aluminum Extrusions, Bullnose	10.00	2.12
09 29 00 00-0208	-	3-7/8" Aluminum Extrusions, Bullnose	10.51	2.12
09 29 00 00-0209	LF	5-3/8", Aluminum Extrusions, Bullnose	18.97	3.53
09 29 00 00-0210	LF	7-3/8", Aluminum Extrusions, Bullnose	30.45	5.01
09 29 00 00-0211	LF	3/4" R, Aluminum Extrusions, Inside Corner	3.78	1.09
09 29 00 00-0212	LF	1" R, Aluminum Extrusions, Inside Corner	4.19	1.14
09 29 00 00-0213	LF	1-1/2" R, Aluminum Extrusions, Inside Corner	5.06	1.40
09 29 00 00-0214	LF	2"R, Aluminum Extrusions, Inside Corner	6.04	1.57
09 29 00 00-0215	LF	2-1/2" R, Aluminum Extrusions, Inside Corner	8.03	1.79
09 29 00 00-0216	LF	3"R, Aluminum Extrusions, Inside Corner	8.88	2.09
09 29 00 00-0217	LF	4" R, Aluminum Extrusions, Inside Corner	10.58	2.79
09 29 00 00-0218	LF	3-5/8", Aluminum Extrusions, Aluminum Wall Caps	7.12	2.09
09 29 00 00-0219	LF	3-7/8", Aluminum Extrusions, Aluminum Wall Caps	7.19	2.09
09 29 00 00-0220	LF	4-3/4", Aluminum Extrusions, Aluminum Wall Caps	7.60	2.09
09 29 00 00-0221	LF	5", Aluminum Extrusions, Aluminum Wall Caps	7.72	2.09

09 30 Tiling *(09)*

Note: All tiles are standard comercial grade ANSI 137.1 or higher, mounted and unmounted, cushioned or non-cushioned edge, all tile colors, all grout colors, PEI rating 1 through 4, and include patterns. Glazing shall meet ASTM C484 and C424. Mounted tiles are assembled into sheets to facilitate handling and installation. Perforated paper, fiber mesh, or other suitable bonding material applied to the front, backs or edges of the tile can be used to mount the tiles. Cushioned edge tile has facial edges with a distinct curvature that results in a slightly recessed joint. All floor, wall, ceiling, cove base and trim tile will be installed in accordance with ANSI 108.1 using these setting methods.

09 30 13 Ceramic Tiling *(09 30)*

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 13 00-0001 Ceramic Tiling *(09 30 13)*

09 30 13 00-0002	SF	Less Than 8" x 8" Mounted Floor Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	8.21	2.05
		For Up To 50, Add	*5.13*	
		For >50 To 250, Add	*0.82*	
		For >1000, Deduct	*-0.41*	
		For Epoxy Grout, Add	*0.90*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 13 00-0003	SF	8" x 8" And Larger Unmounted Floor Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.	9.23	1.27
		For Up To 50, Add	*6.15*	
		For >50 To 250, Add	*1.02*	
		For >1000, Deduct	*-0.51*	
		For Epoxy Grout, Add	*1.05*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 13 00-0004	SF	Less than 8" x 8" Mounted Wall Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	9.07	2.48
		For Up To 50, Add	*5.99*	
		For >50 To 250, Add	*0.99*	
		For >1000, Deduct	*-0.50*	
		For Epoxy Grout, Add	*1.02*	
09 30 13 00-0005	SF	8" x 8" And Larger Unmounted Wall Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.	10.38	1.58
		For Up To 50, Add	*7.30*	
		For >50 To 250, Add	*1.25*	
		For >1000, Deduct	*-0.63*	
		For Epoxy Grout, Add	*1.22*	
09 30 13 00-0006	SF	Less than 8" x 8" Mounted Ceiling Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	12.71	4.31
		For Up To 50, Add	*9.63*	
		For >50 To 250, Add	*1.72*	
		For >1000, Deduct	*-0.86*	
		For Chemical Resistant Epoxy Grout, Add	*1.59*	
09 30 13 00-0007	SF	8" x 8" And Larger Unmounted Ceiling Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.	14.44	2.58
		For Up To 50, Add	*11.36*	
		For >50 To 250, Add	*2.07*	
		For >1000, Deduct	*-1.03*	
		For Chemical Resistant Epoxy Grout, Add	*1.85*	
09 30 13 00-0008	LF	4-1/4" To 4-1/2" High Glazed Porcelain, Unglazed Porcelain And Glazed Ceramic Cove Base Or Trim	11.27	1.79
		For Chemical Resistant Epoxy Grout, Add	*1.28*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 30 16 Quarry Tiling *(09 30)*

Note: Includes grrout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 16 00-0001	SF	Unglazed Quarry Floor Tile	7.59	1.45
		Note: With or without embedded abrasive grit.		
		For Up To 50, Add	*6.20*	
		For >50 To 250, Add	*1.15*	
		For >1000, Deduct	*-0.57*	
		For Epoxy Grout, Add	*1.14*	
09 30 16 00-0002	SF	Glazed Quarry Floor Tile	13.34	1.45
		For Up To 50, Add	*7.63*	
		For >50 To 250, Add	*1.15*	
		For >1000, Deduct	*-0.57*	
		For Epoxy Grout, Add	*1.14*	
09 30 16 00-0003	SF	Unglazed Quarry Wall Tile	8.74	1.71
		Note: With or without embedded abrasive grit.		
		For Up To 50, Add	*7.35*	
		For >50 To 250, Add	*1.38*	
		For >1000, Deduct	*-0.69*	
		For Epoxy Grout, Add	*1.31*	
09 30 16 00-0004	SF	Glazed Quarry Wall Tile	14.49	1.71
		For Up To 50, Add	*8.78*	
		For >50 To 250, Add	*1.38*	
		For >1000, Deduct	*-0.69*	
		For Epoxy Grout, Add	*1.31*	
09 30 16 00-0005	LF	6" High Unglazed Quarry Tile Cove Base Or Trim	10.48	1.90
		For Chemical Resistant Epoxy Grout, Add	*1.34*	
09 30 16 00-0006	LF	6" High Glazed Quarry Tile Cove Base Or Trim	19.91	1.90
		For Chemical Resistant Epoxy Grout, Add	*1.34*	

09 31 Thin-Set Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 31 00 00-0001	SF	Thin Set - Latex Portland Cement Mortar	1.20	0.68
		For Up To 50, Add	*1.07*	
		For >50 To 250, Add	*0.20*	
		For >1000, Deduct	*-0.10*	
09 31 00 00-0002	SF	Clean And Scarify Existing Tile For Installation Of New Tile Over Existing	0.65	
		For Up To 50, Add	*0.65*	
		For >50 To 250, Add	*0.13*	
		For >1000, Deduct	*-0.07*	

09 32 Mortar-Bed Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 32 00 00-0001	SF	3/4" Minimum Thickness Portland Cement Mortar Setting Bed	3.27	1.37
		Note: For residential floors. Includes 15# felt and wire reinforcement.		
		For Up To 50, Add	*2.36*	
		For >50 To 250, Add	*0.41*	
		For >1000, Deduct	*-0.21*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
09 32 00 00-0002	SF	1-1/4" Minimum Thickness Portland Cement Mortar Setting Bed	4.55	1.82
		Note: For commercial floors. Includes 15# felt and wire reinforcement.		
		For Up To 50, Add	*3.19*	
		For >50 To 250, Add	*0.55*	
		For >1000, Deduct	*-0.27*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
09 32 00 00-0003	SF	3/4" Portland Cement Plaster Scratch Coat for Walls	9.38	4.10
		Note: Includes 15# felt and expanded metal lath.		
		For Up To 50, Add	*8.49*	
		For >50 To 250, Add	*1.64*	
		For >1000, Deduct	*-0.82*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
		For Installation Without Felt And Metal Lath, Deduct	*-1.79*	

09 34 Waterproofing-Membrane Tiling *(09 30)*

09 34 00 00-0001 Bonded Waterproofing System for Tiled Showers, Steam Showers, and Bathtub Surrounds *(09 34)*

09 34 00 00-0002 Prefabricated Assemblies For Tiled Showers (Schluter® KERDI Shower ST) *(09 34 00 00-0001)*

Note: For creating a watertight sloped shower assembly without a mortar bed. Includes a prefabricated polystyrene foam shower tray, 6" x 4-1/2" prefabricated polystyrene foam shower curb, waterproofing membrane for shower tray and surround, and center shower drain. Excludes tile, mortar, grout and shower accessories.

09 34 00 00-0003	EA	48" x 48", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	744.66
09 34 00 00-0004	EA	32" x 60", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	852.45
09 34 00 00-0005	EA	72" x 72", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,247.20

09 34 00 00-0006 Prefabricated Polystyrene Shower Curbs And Ramps *(09 34 00 00-0001)*

Note: Prefabricated shower curbs and ramps for tiling over. Excludes tile.

09 34 00 00-0007	EA	15-7/8" Width, 48" Length, Prefabricated Polystyrene Shower Ramp (Schluter® SR-122)	90.60
09 34 00 00-0008	EA	4-1/2" Width, 6" Height, 48" Length, Prefabricated Polystyrene Shower Curb (Schluter® SC-122)	85.19

09 34 00 00-0009 Prefabricated Polystyrene Shower Benches *(09 34 00 00-0001)*

Note: Prefabricated shower bench for tiling over. Excludes tile.

09 34 00 00-0010	EA	16" Width, 16" Depth, 20" Height, Triangular Prefabricated Polystyrene Shower Bench (Schluter® SB41)	174.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 34 00 00-0011	EA	32" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB4181)	344.29	
09 34 00 00-0012	EA	48" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB41122)	423.76	
09 34 00 00-0013	EA	32" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB2981)	310.23	
09 34 00 00-0014	EA	42" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29107)	344.29	
09 34 00 00-0015	EA	48" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29122)	366.99	

09 34 00 00-0016 Prefabricated Polystyrene Shower Tray *(09 34 00 00-0001)*

Note: Prefabricated shower tray for tiling over. Excludes tile.

09 34 00 00-0017	EA	32" x 60", Prefabricated Polystyrene Shower Tray (Schluter® ST-81/152)	153.04	
09 34 00 00-0018	EA	48" x 48", Prefabricated Polystyrene Shower Tray (Schluter® ST-122)	153.04	
09 34 00 00-0019	EA	72" x 72", Prefabricated Polystyrene Shower Tray (Schluter® ST-183)	232.51	

09 34 00 00-0020 Waterproofing, Uncoupling And Vapor Management Membranes (Schluter® DITRA) *(09 34 00 00-0001)*

09 34 00 00-0021	SF	1/8" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA)	2.77	
09 34 00 00-0022	SF	5/16" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA-XL)	3.16	

09 34 00 00-0023 Bonded Waterproof Underlayment Membranes (Schluter® KERDI) *(09 34 00 00-0001)*

09 34 00 00-0024	SF	0.008" Polyethylene Membrane With Polypropylene Fleece Laminated On Both Sides, Bonded Waterproof Underlayment Membrane (Schluter® KERDI)	1.73	

09 34 00 00-0025 Edge Protection And Transition Profiles For Tile *(09 34 00 00-0001)*

09 34 00 00-0026	LF	Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	2.58	
09 34 00 00-0027	LF	Aluminum Transition Trim For Tile (Schluter® RENO)	2.45	

09 35 Chemical-Resistant Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 35 00 00-0001	SF	Thin Set - Epoxy Mortar Note: Impact and chemical resistant.	3.31	0.89
		For Up To 50, Add	*1.86*	
		For >50 To 250, Add	*0.27*	
		For >1000, Deduct	*-0.14*	

09 50 Ceilings *(09)*

Note: Includes cutting for area around columns, speakers, sprinklers, diffusers, etc.

09 51 Acoustical Ceilings *(09 50)*

Note: Excludes suspension system. See CSI section 09 53 00 00-0000 for suspension systems.

09 51 13 Acoustical Panel Ceilings *(09 51)*

Note: Includes cutting around sprinkler heads, speakers, or other penetrations through the ceiling.

09 51 13 00-0001 Fiberglass Panels *(09 51 13)*

09 51 13 00-0002 Fiberglass Acoustical Panels *(09 51 13 00-0001)*

09 51 13 00-0003	SF	2' x 2' x 5/8" Fiberglass Acoustical Ceiling Panel	1.71	0.40
		For Recessed Edge, Add	*0.35*	
		For Aluminum Faced Panels, Add	*3.50*	
		For Fire Rated Panels, Add	*0.54*	
		For Up To 50, Add	*0.63*	
		For >50 To 200, Add	*0.36*	
		For >200 To 500, Add	*0.13*	
		For >2500 To 4000, Deduct	*-0.04*	
		For >4000 To 5000, Deduct	*-0.07*	
		For >5000, Deduct	*-0.12*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*0.18*	
		For Acid Resistive, Add	*2.50*	
		For Black Ceiling Tiles, Add	*0.43*	
		For Ceilings >10' High, Add	*0.07*	
		For Concealed Spline Panels, Add	*0.31*	
09 51 13 00-0004	SF	2' x 4' x 5/8" Fiberglass Acoustical Ceiling Panel	1.69	0.40
		For Recessed Edge, Add	*0.35*	
		For Aluminum Faced Panels, Add	*3.50*	
		For Fire Rated Panels, Add	*0.53*	
		For Up To 50, Add	*0.62*	
		For >50 To 200, Add	*0.35*	
		For >200 To 500, Add	*0.13*	
		For >2500 To 4000, Deduct	*-0.04*	
		For >4000 To 5000, Deduct	*-0.07*	
		For >5000, Deduct	*-0.12*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*0.18*	
		For Acid Resistive, Add	*2.50*	
		For Black Ceiling Tiles, Add	*0.43*	
		For Ceilings >10' High, Add	*0.07*	
		For Concealed Spline Panels, Add	*0.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0005	SF	2' x 2' x 3/4" Fiberglass Acoustical Ceiling Panel	3.31	0.40
		For Recessed Edge, Add	*0.35*	
		For Aluminum Faced Panels, Add	*3.50*	
		For Fire Rated Panels, Add	*0.54*	
		For Up To 50, Add	*0.87*	
		For >50 To 200, Add	*0.52*	
		For >200 To 500, Add	*0.21*	
		For >2500 To 4000, Deduct	*-0.07*	
		For >4000 To 5000, Deduct	*-0.12*	
		For >5000, Deduct	*-0.19*	
		For Individual Room Quantities <495, Add	*0.26*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Black Ceiling Tiles, Add	*1.31*	
		For Ceilings >10' High, Add	*0.07*	
		For Concealed Spline Panels, Add	*0.47*	
09 51 13 00-0006	SF	2' x 4' x 3/4" Fiberglass Acoustical Ceiling Panel	3.31	0.40
		For Recessed Edge, Add	*0.35*	
		For Aluminum Faced Panels, Add	*3.50*	
		For Fire Rated Panels, Add	*0.54*	
		For Up To 50, Add	*0.87*	
		For >50 To 200, Add	*0.52*	
		For >200 To 500, Add	*0.21*	
		For >2500 To 4000, Deduct	*-0.07*	
		For >4000 To 5000, Deduct	*-0.12*	
		For >5000, Deduct	*-0.19*	
		For Individual Room Quantities <495, Add	*0.26*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Black Ceiling Tiles, Add	*1.31*	
		For Ceilings >10' High, Add	*0.07*	
		For Concealed Spline Panels, Add	*0.47*	
09 51 13 00-0007	SF	2' x 2' x 1" Fiberglass Acoustical Ceiling Panel	3.51	0.49
		For Recessed Edge, Add	*0.35*	
		For Aluminum Faced Panels, Add	*3.50*	
		For Fire Rated Panels, Add	*0.54*	
		For Up To 50, Add	*0.90*	
		For >50 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.22*	
		For >2500 To 4000, Deduct	*-0.07*	
		For >4000 To 5000, Deduct	*-0.12*	
		For >5000, Deduct	*-0.20*	
		For Individual Room Quantities <495, Add	*0.27*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Ceilings >10' High, Add	*0.07*	
		For Concealed Spline Panels, Add	*0.49*	
09 51 13 00-0008	SF	2' x 4' x 1" Fiberglass Acoustical Ceiling Panel	3.51	0.49
		For Recessed Edge, Add	*0.35*	
		For Aluminum Faced Panels, Add	*3.50*	
		For Fire Rated Panels, Add	*0.54*	
		For Up To 50, Add	*0.90*	
		For >50 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.22*	
		For >2500 To 4000, Deduct	*-0.07*	
		For >4000 To 5000, Deduct	*-0.12*	
		For >5000, Deduct	*-0.20*	
		For Individual Room Quantities <495, Add	*0.27*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Ceilings >10' High, Add	*0.07*	
		For Concealed Spline Panels, Add	*0.49*	

09 51 13 00-0009 Glass Cloth Faced Fiberglass Panels *(09 51 13 00-0001)*

09 51 13 00-0010	SF	3/4" Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels	2.83	0.49
		For Aluminum Faced Panels, Add	*3.50*	
		For Fire Rated Panels, Add	*0.58*	
		For Up To 50, Add	*0.89*	
		For >50 To 200, Add	*0.52*	
		For >200 To 500, Add	*0.20*	
		For >2500 To 4000, Deduct	*-0.06*	
		For >4000 To 5000, Deduct	*-0.11*	
		For >5000, Deduct	*-0.18*	
		For Individual Room Quantities <495, Add	*0.26*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Ceilings >10' High, Add	*0.09*	
09 51 13 00-0011	SF	1" Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels	3.04	0.49
		For Aluminum Faced Panels, Add	*3.50*	
		For Fire Rated Panels, Add	*0.58*	
		For Up To 50, Add	*0.92*	
		For >50 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.21*	
		For >2500 To 4000, Deduct	*-0.07*	
		For >4000 To 5000, Deduct	*-0.11*	
		For >5000, Deduct	*-0.19*	
		For Individual Room Quantities <495, Add	*0.27*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Ceilings >10' High, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0012	SF	1-1/2" Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels	4.22	0.81
		For Aluminum Faced Panels, Add	*3.50*	
		For Fire Rated Panels, Add	*0.66*	
		For Up To 50, Add	*1.25*	
		For >50 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.29*	
		For >2500 To 4000, Deduct	*-0.09*	
		For >4000 To 5000, Deduct	*-0.16*	
		For >5000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.36*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0013	SF	2" Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels	5.22	0.81
		For Aluminum Faced Panels, Add	*3.50*	
		For Fire Rated Panels, Add	*0.66*	
		For Up To 50, Add	*1.40*	
		For >50 To 200, Add	*0.83*	
		For >200 To 500, Add	*0.34*	
		For >2500 To 4000, Deduct	*-0.11*	
		For >4000 To 5000, Deduct	*-0.19*	
		For >5000, Deduct	*-0.30*	
		For Individual Room Quantities <495, Add	*0.41*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Ceilings >10' High, Add	*0.11*	

09 51 13 00-0014 Mineral Fiber Panels *(09 51 13)*

09 51 13 00-0015 Mineral Fiber Acoustical Ceiling Panels *(09 51 13 00-0014)*

09 51 13 00-0016	SF	1' x 2' x 3/4" Mineral Fiber Acoustical Ceiling Panels	2.02	0.49
		For Aluminum Faced Panels, Add	*3.50*	
		For Vinyl Faced Panels, Add	*1.11*	
		For Fire Rated Panels, Add	*0.55*	
		For Moisture Resistant Panels, Add	*1.11*	
		For Up To 50, Add	*0.71*	
		For >50 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.15*	
		For >2500 To 4000, Deduct	*-0.05*	
		For >4000 To 5000, Deduct	*-0.08*	
		For >5000, Deduct	*-0.14*	
		For Individual Room Quantities <495, Add	*0.20*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Rough Texture, Add	*0.13*	
		For Integrated Wood Trim, Add	*7.67*	
		For Vertical Application, Add	*0.46*	
		For Single Angled Tegular Edge (Reveal), Add	*0.55*	
		For Ceilings >10' High, Add	*0.08*	
		For Concealed Spline Panels, Add	*0.36*	
09 51 13 00-0017	SF	2' x 2' x 5/8" Mineral Fiber Acoustical Ceiling Panels	1.45	0.49
		For Aluminum Faced Panels, Add	*3.50*	
		For Vinyl Faced Panels, Add	*1.08*	
		For Fire Rated Panels, Add	*0.54*	
		For Moisture Resistant Panels, Add	*1.08*	
		For Up To 50, Add	*0.59*	
		For >50 To 200, Add	*0.33*	
		For >200 To 500, Add	*0.12*	
		For >2500 To 4000, Deduct	*-0.03*	
		For >4000 To 5000, Deduct	*-0.06*	
		For >5000, Deduct	*-0.11*	
		For Individual Room Quantities <495, Add	*0.17*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Rough Texture, Add	*0.07*	
		For Integrated Wood Trim, Add	*7.61*	
		For Vertical Application, Add	*0.42*	
		For Single Angled Tegular Edge (Reveal), Add	*0.33*	
		For Black Ceiling Tiles, Add	*0.29*	
		For Ceilings >10' High, Add	*0.07*	
		For Concealed Spline Panels, Add	*0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0018	SF	2' x 2' x 3/4" Mineral Fiber Acoustical Ceiling Panels	2.08	0.49
		For Premium Grade (Eclipse Or Cirrus, With Minimum .70 NRC) Ceiling Tile, Add	*0.29*	
		For Aluminum Faced Panels, Add	*3.50*	
		For Vinyl Faced Panels, Add	*1.08*	
		For Fire Rated Panels, Add	*0.54*	
		For Moisture Resistant Panels, Add	*1.08*	
		For Up To 50, Add	*0.68*	
		For >50 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.15*	
		For >2500 To 4000, Deduct	*-0.05*	
		For >4000 To 5000, Deduct	*-0.08*	
		For >5000, Deduct	*-0.14*	
		For Individual Room Quantities <495, Add	*0.20*	
		Note: For use with projects >500 SF		
		For Integrated Wood Trim, Add	*7.86*	
		For Acid Resistive, Add	*2.50*	
		For Rough Texture, Add	*0.14*	
		For Vertical Application, Add	*0.42*	
		For Single Angled Tegular Edge (Reveal), Add	*0.61*	
		For Scored Acoustical Tile, Add	*0.25*	
		For Black Ceiling Tiles, Add	*0.63*	
		For Ceilings >10' High, Add	*0.07*	
		For Concealed Spline Panels, Add	*0.35*	
09 51 13 00-0019	SF	2' x 4' x 5/8" Mineral Fiber Acoustical Ceiling Panels	1.43	0.49
		For Aluminum Faced Panels, Add	*3.50*	
		For Vinyl Faced Panels, Add	*1.07*	
		For Fire Rated Panels, Add	*0.53*	
		For Moisture Resistant Panels, Add	*1.07*	
		For Up To 50, Add	*0.58*	
		For >50 To 200, Add	*0.33*	
		For >200 To 500, Add	*0.12*	
		For >2500 To 4000, Deduct	*-0.03*	
		For >4000 To 5000, Deduct	*-0.06*	
		For >5000, Deduct	*-0.11*	
		For Individual Room Quantities <495, Add	*0.16*	
		Note: For use with projects >500 SF		
		For Integrated Wood Trim, Add	*9.10*	
		For Acid Resistive, Add	*2.50*	
		For Rough Texture, Add	*0.07*	
		For Vertical Application, Add	*0.41*	
		For Single Angled Tegular Edge (Reveal), Add	*0.33*	
		For Black Ceiling Tiles, Add	*0.29*	
		For Ceilings >10' High, Add	*0.07*	
		For Concealed Spline Panels, Add	*0.28*	
09 51 13 00-0020	SF	2' x 4' x 3/4" Mineral Fiber Acoustical Ceiling Panels	2.06	0.49
		For Premium Grade (Eclipse Or Cirrus, With Minimum .70 NRC) Ceiling Tile, Add	*0.29*	
		For Aluminum Faced Panels, Add	*3.50*	
		For Vinyl Faced Panels, Add	*1.07*	
		For Fire Rated Panels, Add	*0.53*	
		For Moisture Resistant Panels, Add	*1.07*	
		For Up To 50, Add	*0.67*	
		For >50 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.15*	
		For >2500 To 4000, Deduct	*-0.05*	
		For >4000 To 5000, Deduct	*-0.08*	
		For >5000, Deduct	*-0.14*	
		For Individual Room Quantities <495, Add	*0.19*	
		Note: For use with projects >500 SF		
		For Integrated Wood Trim, Add	*9.35*	
		For Acid Resistive, Add	*2.50*	
		For Rough Texture, Add	*0.14*	
		For Vertical Application, Add	*0.41*	
		For Single Angled Tegular Edge (Reveal), Add	*0.61*	
		For Scored Acoustical Tile, Add	*0.25*	
		For Black Ceiling Tiles, Add	*0.63*	
		For Ceilings >10' High, Add	*0.07*	
		For Concealed Spline Panels, Add	*0.34*	
09 51 13 00-0021	SF	2' x 5' x 5/8" Mineral Fiber Acoustical Ceiling Panels	1.41	0.49
		For Aluminum Faced Panels, Add	*3.50*	
		For Vinyl Faced Panels, Add	*1.06*	
		For Fire Rated Panels, Add	*0.53*	
		For Moisture Resistant Panels, Add	*1.06*	
		For Up To 50, Add	*0.57*	
		For >50 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.12*	
		For >2500 To 4000, Deduct	*-0.03*	
		For >4000 To 5000, Deduct	*-0.06*	
		For >5000, Deduct	*-0.11*	
		For Individual Room Quantities <495, Add	*0.16*	
		Note: For use with projects >500 SF		
		For Integrated Wood Trim, Add	*9.34*	
		For Acid Resistive, Add	*2.50*	
		For Rough Texture, Add	*0.07*	
		For Vertical Application, Add	*0.40*	
		For Single Angled Tegular Edge (Reveal), Add	*0.32*	
		For Ceilings >10' High, Add	*0.07*	
		For Concealed Spline Panels, Add	*0.27*	

09 51 13 00-0022 Wood Fiber Panels *(09 51 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0023	SF	2' x 2' x 1/2" Wood Fiber Acoustical Ceiling Panels	2.70	0.65
		For Up To 50, Add	*0.99*	
		For >50 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.21*	
		For >2500 To 4000, Deduct	*-0.06*	
		For >4000 To 5000, Deduct	*-0.11*	
		For >5000, Deduct	*-0.20*	
		For Individual Room Quantities <495, Add	*0.28*	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	*0.05*	
		For Sculptured, 3 Dimensional, Add	*0.10*	
		For Ceilings >10' High, Add	*0.11*	
		For Concealed Spline Panels, Add	*0.49*	
09 51 13 00-0024	SF	2' x 4' x 1/2" Wood Fiber Acoustical Ceiling Panels	2.55	0.57
		For Up To 50, Add	*0.91*	
		For >50 To 200, Add	*0.52*	
		For >200 To 500, Add	*0.19*	
		For >2500 To 4000, Deduct	*-0.06*	
		For >4000 To 5000, Deduct	*-0.10*	
		For >5000, Deduct	*-0.18*	
		For Individual Room Quantities <495, Add	*0.26*	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	*0.05*	
		For Sculptured, 3 Dimensional, Add	*0.10*	
		For Ceilings >10' High, Add	*0.10*	
		For Concealed Spline Panels, Add	*0.45*	
09 51 13 00-0025	SF	2' x 2' x 5/8" Wood Fiber Acoustical Ceiling Panels	3.26	0.65
		For Up To 50, Add	*1.07*	
		For >50 To 200, Add	*0.62*	
		For >200 To 500, Add	*0.24*	
		For >2500 To 4000, Deduct	*-0.07*	
		For >4000 To 5000, Deduct	*-0.13*	
		For >5000, Deduct	*-0.22*	
		For Individual Room Quantities <495, Add	*0.31*	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	*0.05*	
		For Sculptured, 3 Dimensional, Add	*0.10*	
		For Ceilings >10' High, Add	*0.11*	
		For Concealed Spline Panels, Add	*0.55*	
09 51 13 00-0026	SF	2' x 4' x 5/8" Wood Fiber Acoustical Ceiling Panels	3.11	0.57
		For Up To 50, Add	*0.99*	
		For >50 To 200, Add	*0.57*	
		For >200 To 500, Add	*0.22*	
		For >2500 To 4000, Deduct	*-0.07*	
		For >4000 To 5000, Deduct	*-0.12*	
		For >5000, Deduct	*-0.20*	
		For Individual Room Quantities <495, Add	*0.29*	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	*0.05*	
		For Sculptured, 3 Dimensional, Add	*0.10*	
		For Ceilings >10' High, Add	*0.10*	
		For Concealed Spline Panels, Add	*0.51*	
09 51 13 00-0027	SF	2' x 2' x 3/4" Wood Fiber Acoustical Ceiling Panels	3.80	0.65
		For Up To 50, Add	*1.15*	
		For >50 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.26*	
		For >2500 To 4000, Deduct	*-0.08*	
		For >4000 To 5000, Deduct	*-0.14*	
		For >5000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.34*	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	*0.05*	
		For Sculptured, 3 Dimensional, Add	*0.10*	
		For Ceilings >10' High, Add	*0.11*	
		For Concealed Spline Panels, Add	*0.60*	
09 51 13 00-0028	SF	2' x 4' x 3/4" Wood Fiber Acoustical Ceiling Panels	3.65	0.57
		For Up To 50, Add	*1.07*	
		For >50 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.25*	
		For >2500 To 4000, Deduct	*-0.08*	
		For >4000 To 5000, Deduct	*-0.14*	
		For >5000, Deduct	*-0.22*	
		For Individual Room Quantities <495, Add	*0.31*	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	*0.05*	
		For Sculptured, 3 Dimensional, Add	*0.10*	
		For Ceilings >10' High, Add	*0.10*	
		For Concealed Spline Panels, Add	*0.56*	
09 51 13 00-0029	SF	2' x 2' x 1" Wood Fiber Acoustical Ceiling Panels	3.03	0.65
		For Up To 50, Add	*1.04*	
		For >50 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.22*	
		For >2500 To 4000, Deduct	*-0.07*	
		For >4000 To 5000, Deduct	*-0.12*	
		For >5000, Deduct	*-0.21*	
		For Individual Room Quantities <495, Add	*0.30*	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	*0.05*	
		For Sculptured, 3 Dimensional, Add	*0.10*	
		For Ceilings >10' High, Add	*0.11*	
		For Concealed Spline Panels, Add	*0.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0030	SF	2' x 4' x 1" Wood Fiber Acoustical Ceiling Panels	2.88	0.57
		For Up To 50, Add	*0.96*	
		For >50 To 200, Add	*0.55*	
		For >200 To 500, Add	*0.21*	
		For >2500 To 4000, Deduct	*-0.06*	
		For >4000 To 5000, Deduct	*-0.11*	
		For >5000, Deduct	*-0.19*	
		For Individual Room Quantities <495, Add	*0.28*	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	*0.05*	
		For Sculptured, 3 Dimensional, Add	*0.10*	
		For Ceilings >10' High, Add	*0.10*	
		For Concealed Spline Panels, Add	*0.48*	

09 51 13 00-0031 Air Distributing Panels *(09 51 13)*

09 51 13 00-0032	SF	3/4" Thick, Air Distribution Acoustical Ceiling Panels	5.54	1.22
		For Up To 50, Add	*1.92*	
		For >50 To 200, Add	*1.10*	
		For >200 To 500, Add	*0.41*	
		For >2500 To 4000, Deduct	*-0.12*	
		For >4000 To 5000, Deduct	*-0.22*	
		For >5000, Deduct	*-0.38*	
		For Individual Room Quantities <495, Add	*0.55*	
		Note: For use with projects >500 SF		
		For Air Control Slides, Add	*0.12*	
		For Ceilings >10' High, Add	*0.20*	
09 51 13 00-0033	SF	5/8" Thick, Air Distribution Acoustical Ceiling Panels	3.50	0.90
		For Up To 50, Add	*1.34*	
		For >50 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.28*	
		For >2500 To 4000, Deduct	*-0.08*	
		For >4000 To 5000, Deduct	*-0.15*	
		For >5000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.38*	
		Note: For use with projects >500 SF		
		For Air Control Slides, Add	*0.12*	
		For Ceilings >10' High, Add	*0.15*	

09 51 13 00-0034 Removal And Reinstallation Of Acoustical Ceiling Panels *(09 51 13)*

Note: 2'x2' Or 2'x4'. Includes storage and cleaning.

09 51 13 00-0035	SF	Remove And Reinstall Acoustical Ceiling Tile And Grid, 2' x 2' Or 2' x 4'	1.20	
		For Ceilings >10' High, Add	*0.09*	
09 51 13 00-0036	SF	Remove And Reinstall Acoustical Panels Only	0.78	
		For Ceilings >10' High, Add	*0.06*	
09 51 13 00-0037	SF	Remove And Reinstall Grid System Only	0.72	
		For Ceilings >10' High, Add	*0.05*	

09 51 23 Acoustical Tile Ceilings *(09 51)*

Note: Includes fastening with staples and/or adhesive.

09 51 23 00-0001 Mineral Fiber Acoustical Tile Ceilings *(09 51 23)*

09 51 23 00-0002	SF	12" x 12" x 1/2" Tongue And Groove Mineral Fiber Acoustical Ceiling Tile	3.58	0.90
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*1.35*	
		For >50 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.28*	
		For >2500, Deduct	*-0.18*	
		For Ceilings >10' High, Add	*0.15*	
09 51 23 00-0003	SF	12" x 12" x 5/8" Spline Mineral Fiber Acoustical Ceiling Tile	4.16	0.90
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*1.44*	
		For >50 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.31*	
		For >2500, Deduct	*-0.21*	
		For No Adhesive (Suspended Ceiling System), Deduct	*-0.25*	
		For Ceilings >10' High, Add	*0.15*	
09 51 23 00-0004	SF	12" x 12" x 3/4" Spline Mineral Fiber Acoustical Ceiling Tile	4.62	0.90
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*1.51*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.33*	
		For >2500, Deduct	*-0.23*	
		For No Adhesive (Suspended Ceiling System), Deduct	*-0.25*	
		For Ceilings >10' High, Add	*0.15*	

09 51 23 00-0005 Wood Fiber Acoustical Tile Ceilings *(09 51 23)*

09 51 23 00-0006	SF	12" x 12" x 1/2" Staple Flange Wood Fiber Acoustical Ceiling Tile	3.34	0.90
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*1.31*	
		For >50 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.27*	
		For >2500, Deduct	*-0.17*	
		For Ceilings >10' High, Add	*0.15*	

09 51 33 Acoustical Metal Pan Ceilings *(09 51)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 00-0001		Metal Pan Units, 24 GA Steel *(09 51 33)* Note: Excludes pads.		
09 51 33 00-0002	SF	12" x 12" - 24 Gauge, Acoustical Metal Pan Units	14.77	1.06
		For Up To 50, Add	*3.14*	
		For >50 To 200, Add	*1.94*	
		For >200 To 500, Add	*0.85*	
		For >2,500, Deduct	*-0.74*	
		For Ceilings >10' High, Add	*0.17*	
09 51 33 00-0003	SF	12" x 24" - 24 Gauge, Acoustical Metal Pan Units	15.66	1.06
		For Up To 50, Add	*3.28*	
		For >50 To 200, Add	*2.03*	
		For >200 To 500, Add	*0.90*	
		For >2,500, Deduct	*-0.78*	
		For Ceilings >10' High, Add	*0.17*	
09 51 33 00-0004	SF	12" x 12" - 0.025" Thick, Acoustical Aluminum Pan	9.38	1.06
		For Up To 50, Add	*2.34*	
		For >50 To 200, Add	*1.40*	
		For >200 To 500, Add	*0.59*	
		For >2,500, Deduct	*-0.47*	
		For Ceilings >10' High, Add	*0.17*	
09 51 33 00-0005	SF	12" x 24" - 0.025" Thick, Acoustical Aluminum Pan	10.11	1.06
		For Up To 50, Add	*2.44*	
		For >50 To 200, Add	*1.48*	
		For >200 To 500, Add	*0.62*	
		For >2,500, Deduct	*-0.51*	
		For Ceilings >10' High, Add	*0.17*	
09 51 33 00-0006	SF	12" x 12" - 0.025" Thick, Acoustical Anodized Aluminum Pan Units	13.65	1.06
		For Up To 50, Add	*2.98*	
		For >50 To 200, Add	*1.83*	
		For >200 To 500, Add	*0.80*	
		For >2,500, Deduct	*-0.68*	
		For Ceilings >10' High, Add	*0.17*	
09 51 33 00-0007	SF	12" x 24" - 0.025" Thick, Acoustical Anodized Aluminum Pan Units	9.93	1.06
		For Up To 50, Add	*2.42*	
		For >50 To 200, Add	*1.46*	
		For >200 To 500, Add	*0.61*	
		For >2,500, Deduct	*-0.50*	
		For Ceilings >10' High, Add	*0.17*	
09 51 33 00-0008	SF	12" x 12" - 24 Gauge, Stainless Steel Acoustical Pan Units	33.22	1.06
		For Up To 50, Add	*5.91*	
		For >50 To 200, Add	*3.79*	
		For >200 To 500, Add	*1.78*	
		For >2,500, Deduct	*-1.66*	
		For Ceilings >10' High, Add	*0.17*	
09 51 33 00-0009	SF	12" x 24" - 24 Gauge, Stainless Steel Acoustical Pan Units	18.78	1.06
		For Up To 50, Add	*3.75*	
		For >50 To 200, Add	*2.34*	
		For >200 To 500, Add	*1.06*	
		For >2,500, Deduct	*-0.94*	
		For Ceilings >10' High, Add	*0.17*	

09 53 Acoustical Ceiling Suspension Assemblies *(09 50)*

09 53 23 Metal Acoustical Ceiling Suspension Assemblies *(09 53)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0001		Ceiling Suspension Systems *(09 53 23)* Note: Hot-dipped galvanized steel. Includes single 8 gauge wire hangers (between 3' To 4') attached from structural steel, wood or metal deck, wood members or concrete deck above to main members 4' on center. Includes all main tees, cross tees, wall angle, wall anchors, connector clips, hold down clips, double faced tape (where required). All above shall be mechanically installed by minimum 2-1/4" x 3/8" wedge anchors. Excludes chain supports for lights.		
09 53 23 00-0002	SF	12" x 12" Ceiling Tile Size, Concealed 15/16" T Bar Ceiling Suspension System Note: Excludes ceiling tile.	3.68	0.40
		For Vertical Application, Add	*2.18*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*0.43*	
		For Compression Struts With Splay Wires, Add	*0.42*	
		For Up To 50, Add	*1.55*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.31*	
		For >2500 To 4000, Deduct	*-0.09*	
		For >4000 To 5000, Deduct	*-0.16*	
		For >5000, Deduct	*-0.23*	
		For Ceilings >10' High, Add	*0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0003	SF	1' x 2' Grid, 15/16" T Bar Ceiling Suspension System	3.06	0.40
		For UL Listed (Fire Guard), Add	*0.14*	
		For 1-1/2" Wide Faced Grid, Add	*0.25*	
		For Vertical Application, Add	*1.89*	
		For Chemical Corrosion Resistant (PVC Coated), Add	*2.50*	
		For 9/16" Narrow Faced Grid, Add	*0.23*	
		For Individual Room Quantities <495, Add	*0.37*	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	*0.41*	
		For Compression Struts With Splay Wires, Add	*0.34*	
		For Up To 50, Add	*1.32*	
		For >50 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.26*	
		For >2500 To 4000, Deduct	*-0.07*	
		For >4000 To 5000, Deduct	*-0.14*	
		For >5000, Deduct	*-0.20*	
		For Ceilings >10' High, Add	*0.16*	
09 53 23 00-0004	SF	2' x 2' Grid, 15/16" T Bar Ceiling Suspension System	2.50	0.40
		For UL Listed (Fire Guard), Add	*0.09*	
		For 1-1/2" Wide Faced Grid, Add	*0.18*	
		For Vertical Application, Add	*1.64*	
		For Chemical Corrosion Resistant (PVC Coated), Add	*2.50*	
		For 9/16" Narrow Faced Grid, Add	*0.16*	
		For Individual Room Quantities <495, Add	*0.31*	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	*0.28*	
		For Compression Struts With Splay Wires, Add	*0.28*	
		For Up To 50, Add	*1.12*	
		For >50 To 200, Add	*0.62*	
		For >200 To 500, Add	*0.22*	
		For >2500 To 4000, Deduct	*-0.06*	
		For >4000 To 5000, Deduct	*-0.11*	
		For >5000, Deduct	*-0.17*	
		For Black Grid, Add	*0.08*	
		For Ceilings >10' High, Add	*0.14*	
		For Concealed Spline Grid, Add	*0.34*	
09 53 23 00-0005	SF	2' x 4' Grid, 15/16" T Bar Ceiling Suspension System	2.13	0.40
		For UL Listed (Fire Guard), Add	*0.08*	
		For 1-1/2" Wide Faced Grid, Add	*0.14*	
		For Vertical Application, Add	*1.63*	
		For Chemical Corrosion Resistant (PVC Coated), Add	*2.50*	
		For 9/16" Narrow Faced Grid, Add	*0.13*	
		For Individual Room Quantities <495, Add	*0.27*	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	*0.23*	
		For Compression Struts With Splay Wires, Add	*0.23*	
		For Up To 50, Add	*0.97*	
		For >50 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.19*	
		For >2500 To 4000, Deduct	*-0.05*	
		For >4000 To 5000, Deduct	*-0.10*	
		For >5000, Deduct	*-0.14*	
		For Black Grid, Add	*0.06*	
		For Ceilings >10' High, Add	*0.12*	
		For Concealed Spline Grid, Add	*0.29*	
09 53 23 00-0006	SF	2' x 5' Grid, 15/16" T Bar Ceiling Suspension System	2.04	0.40
		For UL Listed (Fire Guard), Add	*0.08*	
		For 1-1/2" Wide Faced Grid, Add	*0.16*	
		For Chemical Corrosion Resistant (PVC Coated), Add	*2.50*	
		For 9/16" Narrow Faced Grid, Add	*0.14*	
		For Individual Room Quantities <495, Add	*0.25*	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	*0.25*	
		For Compression Struts With Splay Wires, Add	*0.23*	
		For Up To 50, Add	*0.90*	
		For >50 To 200, Add	*0.50*	
		For >200 To 500, Add	*0.18*	
		For >2500 To 4000, Deduct	*-0.05*	
		For >4000 To 5000, Deduct	*-0.09*	
		For >5000, Deduct	*-0.13*	
		For Ceilings >10' High, Add	*0.11*	
09 53 23 00-0007	SF	2', 15/16" Suspended Ceiling Cross Tee	0.60	0.23
		Note: Can be used to convert an existing 2' x 4' suspension system to a 2' x 2' system or to replace an individual component.		
		For 1-1/2" Wide Faced Grid, Add	*0.04*	
		For Vertical Application, Add	*0.47*	
		For Chemical Corrosion Resistant (PVC Coated), Add	*2.50*	
		For 9/16" Narrow Faced Grid, Add	*0.03*	
		For Individual Room Quantities <495, Add	*0.08*	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	*0.06*	
		For Up To 50, Add	*0.28*	
		For >50 To 200, Add	*0.15*	
		For >200 To 500, Add	*0.05*	
		For >2500 To 4000, Deduct	*-0.01*	
		For >4000 To 5000, Deduct	*-0.03*	
		For >5000, Deduct	*-0.04*	
		For Ceilings >10' High, Add	*0.04*	

09 53 23 00-0008 Ceiling Suspension System Accessories *(09 53 23)*

09 53 23 00-0009	LF	For Pencil Rod Support With Accessories And Attachments (Seismic Control Or Where Required)	0.70	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0010	LF	1" x 3/16" Flat Bar Bracing For Suspended Ceiling	3.33	1.22
09 53 23 00-0011	LF	1-1/2" x 1/4" Flat Bar Bracing For Suspended Ceiling	4.61	1.31

09 54 Specialty Ceilings *(09 50)*

09 54 23 Linear Metal Ceilings *(09 54)*

09 54 23 00-0001 Linear Ceiling Systems *(09 54 23)*

09 54 23 00-0002 0.032" Aluminum, Linear Ceiling Systems *(09 54 23 00-0001)*

Note: For flat ceilings. Includes round or box style panels with KYNAR 500® or HYLAR 5000® PVDF finish. Includes ceiling suspension system and flush or recessed filler strips.

09 54 23 00-0003	SF	4" Panel Width, 0.032" Aluminum, Linear Ceiling System	11.81	1.64
		For Up To 50, Add	*3.35*	
		For >50 To 200, Add	*1.97*	
		For >200 To 500, Add	*0.79*	
		For >2,500, Deduct	*-0.59*	
		For Ceilings >10' High, Add	*0.30*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-1.95*	
		For Curved Ceilings, Add	*1.01*	
09 54 23 00-0004	SF	8" Panel Width, 0.032" Aluminum, Linear Ceiling System	9.71	1.64
		For Up To 50, Add	*3.00*	
		For >50 To 200, Add	*1.75*	
		For >200 To 500, Add	*0.68*	
		For >2,500, Deduct	*-0.49*	
		For Ceilings >10' High, Add	*0.29*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-0.96*	
		For Curved Ceilings, Add	*1.00*	
09 54 23 00-0005	SF	12" Panel Width, 0.032" Aluminum, Linear Ceiling System	8.89	1.64
		For Up To 50, Add	*2.85*	
		For >50 To 200, Add	*1.65*	
		For >200 To 500, Add	*0.63*	
		For >2,500, Deduct	*-0.44*	
		For Ceilings >10' High, Add	*0.28*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-0.65*	
		For Curved Ceilings, Add	*0.98*	

09 54 23 00-0006 Tin Ceilings *(09 54 23)*

09 54 23 00-0007	SF	2' x 2' Tin Ceiling Embossed Panels	11.36	2.55
		For Up To 50, Add	*2.94*	
		For >50 To 200, Add	*1.75*	
		For >200 To 500, Add	*0.72*	
		For >2,500, Deduct	*-0.57*	
		For Ceilings >10' High, Add	*0.23*	
09 54 23 00-0008	SF	12" x 12" Tin Ceiling Embossed Plates	16.43	1.64
		For Up To 50, Add	*3.76*	
		For >50 To 200, Add	*2.29*	
		For >200 To 500, Add	*0.98*	
		For >2,500, Deduct	*-0.82*	
		For Ceilings >10' High, Add	*0.24*	
09 54 23 00-0009	SF	12" x 24" Tin Ceiling Embossed Plates	12.24	1.64
		For Up To 50, Add	*3.13*	
		For >50 To 200, Add	*1.87*	
		For >200 To 500, Add	*0.77*	
		For >2,500, Deduct	*-0.61*	
		For Ceilings >10' High, Add	*0.24*	
09 54 23 00-0010	SF	24" x 24" Tin Ceiling Embossed Plates	11.24	1.64
		For Up To 50, Add	*2.88*	
		For >50 To 200, Add	*1.72*	
		For >200 To 500, Add	*0.71*	
		For >2,500, Deduct	*-0.56*	
		For Ceilings >10' High, Add	*0.22*	
09 54 23 00-0011	SF	24" x 48" Tin Ceiling Embossed Plates	9.82	1.24
		For Up To 50, Add	*2.52*	
		For >50 To 200, Add	*1.51*	
		For >200 To 500, Add	*0.62*	
		For >2,500, Deduct	*-0.49*	
		For Ceilings >10' High, Add	*0.20*	
09 54 23 00-0012	LF	3" Or 4" Wide Embossed Molding	8.46	2.47
		For Ceilings >10' High, Add	*0.36*	
09 54 23 00-0013	LF	6" Wide Embossed Molding	10.40	2.88
		For Ceilings >10' High, Add	*0.40*	
09 54 23 00-0014	LF	12" Wide Embossed Molding	13.83	3.37
		For Ceilings >10' High, Add	*0.51*	
09 54 23 00-0015	EA	3", 4" Or 6" Wide Embossed Cross, Tee Or Ell	24.86	7.82
		For Ceilings >10' High, Add	*1.14*	
09 54 23 00-0016	EA	12" Wide Embossed Cross, Tee Or Ell	33.68	9.14
		For Ceilings >10' High, Add	*1.37*	

09 57 Special Function Ceilings *(09 50)*

09 57 00 00-0001 High Impact Ceiling Systems *(09 57)*

09 57 00 00-0002	SF	Polyvinyl Chloride Face High Impact Ceiling Panels	4.00	0.81
		For Ceilings >10' High, Add	*0.10*	
09 57 00 00-0003	SF	High Impact Clips	1.72	0.65
		For Ceilings >10' High, Add	*0.08*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 60 Flooring *(09)*				
09 61 Flooring Treatment *(09 60)*				
09 61 36 Static-Resistant Flooring Treatment *(09 61)*				
09 61 36 00-0001		Static-Control Resilient Floor Coverings *(09 61 36)* Note: Includes mastic.		
09 61 36 00-0002		Conductive Resilient Floor Covering *(09 61 36 00-0001)*		
09 61 36 00-0003	SF	12" x 12" Static-Dissipative Or Conductive Vinyl Floor Tile	7.19	1.23
		For Heat Welded Seams, Add	*7.16*	
09 61 36 00-0004	SF	24" x 24" Static-Dissipative Or Conductive Vinyl Floor Tile	7.35	1.06
		For Heat Welded Seams, Add	*6.04*	
09 61 36 00-0005	SF	36" x 36" Static-Dissipative Or Conductive Vinyl Floor Tile	7.67	0.90
		For Heat Welded Seams, Add	*5.28*	
09 61 36 00-0006	SF	24" x 24" Static-Dissipative Or Conductive Rubber Floor Tile	5.49	1.06
		For Heat Welded Seams, Add	*6.04*	
09 63 Masonry Flooring *(09 60)*				
09 63 13 Brick Flooring *(09 63)*				
09 63 13 00-0001		Clay Bricks *(09 63 13)*		
09 63 13 00-0002	SF	2-1/4" Thick Clay Brick Floor	17.29	6.97
		For Basket Weave Pattern, Add	*1.49*	
		For Herringbone Pattern, Add	*1.99*	
		For Epoxy Joints, Add	*4.21*	
09 63 13 00-0003	SF	3" Thick Clay Brick Floor	19.12	6.97
		For Basket Weave Pattern, Add	*1.49*	
		For Herringbone Pattern, Add	*1.99*	
		For Epoxy Joints, Add	*4.21*	
09 63 13 00-0004	SF	1/2" Thick Unglazed Clay Brick Floor	12.14	6.97
		For Basket Weave Pattern, Add	*1.49*	
		For Herringbone Pattern, Add	*1.99*	
		For Epoxy Joints, Add	*4.20*	
09 63 13 00-0005	SF	1/2" Thick Glazed Clay Brick Floor	13.80	6.97
		For Basket Weave Pattern, Add	*1.49*	
		For Herringbone Pattern, Add	*1.99*	
		For Epoxy Joints, Add	*4.20*	
09 63 13 00-0006	SF	3/4" Thick Unglazed Clay Brick Floor	12.89	6.97
		For Basket Weave Pattern, Add	*1.49*	
		For Herringbone Pattern, Add	*1.99*	
		For Epoxy Joints, Add	*4.20*	
09 63 13 00-0007	SF	3/4" Thick Glazed Clay Brick Floor	15.08	6.97
		For Basket Weave Pattern, Add	*1.49*	
		For Herringbone Pattern, Add	*1.99*	
		For Epoxy Joints, Add	*4.20*	
09 63 13 00-0008	SF	15/16" Thick Unglazed Clay Brick Floor	13.60	6.97
		For Basket Weave Pattern, Add	*1.49*	
		For Herringbone Pattern, Add	*1.99*	
		For Epoxy Joints, Add	*4.20*	
09 63 13 00-0009	SF	15/16" Thick Glazed Clay Brick Floor	16.38	6.97
		For Basket Weave Pattern, Add	*1.49*	
		For Herringbone Pattern, Add	*1.99*	
		For Epoxy Joints, Add	*4.20*	
09 63 43 Composition Stone Flooring *(09 63)*				
09 63 43 00-0001		Cupric Oxychloride Cement, Seamless Flooring System *(09 63 43)* Note: Chemical and slip resistant. OSHA and USDA approved.		
09 63 43 00-0002	SF	3/8" Thick, Cupric Oxychloride Cement, Seamless Flooring System, Trowel Applied	10.86	3.94
09 64 Wood Flooring *(09 60)*				
09 64 23 Wood Parquet Flooring *(09 64)* Note: All wood parquet flooring is prefinished at factory.				
09 64 23 00-0001		Hardwood Parquet Flooring *(09 64 23)*		
09 64 23 00-0002	SF	Oak Parquet Flooring 5/16" Thick	9.73	0.81
		For Up To 20, Add	*3.75*	
		For >20 To 50, Add	*1.99*	
		For >50 To 100, Add	*1.00*	
		For >100 To 300, Add	*0.50*	
09 64 29 Wood Strip And Plank Flooring *(09 64)* Note: All wood strip flooring is unfinished, tongue and groove, laid over felt underlayment.				
09 64 29 00-0001		Unfinished Fir, Wood Strip Flooring *(09 64 29)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0002	SF	3-1/8" Plank Width, 3/4" Thick, Plain Sawn, Clear Vertical Grain (C Or Better) Unfinished Fir, Wood Strip Flooring	8.52	0.81
		For Factory Finish, Add	*0.49*	
		For Random Width Floor, Add	*1.95*	
		For Up To 20, Add	*2.93*	
		For >20 To 50, Add	*1.58*	
		For >50 To 100, Add	*0.79*	
		For >100 To 300, Add	*0.40*	

09 64 29 00-0003 Unfinished Oak, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0004 Unfinished White Oak, Wood Strip Flooring *(09 64 29 00-0003)*

09 64 29 00-0005	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	7.33	0.81
		For Factory Finish, Add	*0.25*	
		For Random Width Floor, Add	*1.59*	
		For Up To 20, Add	*3.26*	
		For >20 To 50, Add	*1.69*	
		For >50 To 100, Add	*0.85*	
		For >100 To 300, Add	*0.42*	
09 64 29 00-0006	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	7.66	0.81
		For Factory Finish, Add	*0.29*	
		For Random Width Floor, Add	*1.68*	
		For Up To 20, Add	*3.30*	
		For >20 To 50, Add	*1.72*	
		For >50 To 100, Add	*0.86*	
		For >100 To 300, Add	*0.43*	
09 64 29 00-0007	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	8.15	0.81
		For Factory Finish, Add	*0.34*	
		For Random Width Floor, Add	*1.80*	
		For Up To 20, Add	*3.38*	
		For >20 To 50, Add	*1.77*	
		For >50 To 100, Add	*0.89*	
		For >100 To 300, Add	*0.44*	
09 64 29 00-0008	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	6.31	0.81
		For Factory Finish, Add	*0.27*	
		For Random Width Floor, Add	*1.39*	
		For Up To 20, Add	*2.59*	
		For >20 To 50, Add	*1.36*	
		For >50 To 100, Add	*0.68*	
		For >100 To 300, Add	*0.34*	
09 64 29 00-0009	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	6.57	0.81
		For Factory Finish, Add	*0.29*	
		For Random Width Floor, Add	*1.46*	
		For Up To 20, Add	*2.63*	
		For >20 To 50, Add	*1.39*	
		For >50 To 100, Add	*0.69*	
		For >100 To 300, Add	*0.35*	
09 64 29 00-0010	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	7.08	0.81
		For Factory Finish, Add	*0.34*	
		For Random Width Floor, Add	*1.59*	
		For Up To 20, Add	*2.71*	
		For >20 To 50, Add	*1.44*	
		For >50 To 100, Add	*0.72*	
		For >100 To 300, Add	*0.36*	

09 64 29 00-0011 Unfinished Red Oak, Wood Strip Flooring *(09 64 29 00-0003)*

09 64 29 00-0012	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring	7.38	0.81
		For Factory Finish, Add	*0.26*	
		For Random Width Floor, Add	*1.61*	
		For Up To 20, Add	*3.26*	
		For >20 To 50, Add	*1.70*	
		For >50 To 100, Add	*0.85*	
		For >100 To 300, Add	*0.42*	
09 64 29 00-0013	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring	7.71	0.81
		For Factory Finish, Add	*0.29*	
		For Random Width Floor, Add	*1.69*	
		For Up To 20, Add	*3.31*	
		For >20 To 50, Add	*1.73*	
		For >50 To 100, Add	*0.86*	
		For >100 To 300, Add	*0.43*	
09 64 29 00-0014	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	8.21	0.81
		For Factory Finish, Add	*0.34*	
		For Random Width Floor, Add	*1.81*	
		For Up To 20, Add	*3.39*	
		For >20 To 50, Add	*1.78*	
		For >50 To 100, Add	*0.89*	
		For >100 To 300, Add	*0.44*	
09 64 29 00-0015	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring	6.36	0.81
		For Factory Finish, Add	*0.27*	
		For Random Width Floor, Add	*1.41*	
		For Up To 20, Add	*2.60*	
		For >20 To 50, Add	*1.37*	
		For >50 To 100, Add	*0.68*	
		For >100 To 300, Add	*0.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0016	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring	6.69	0.81
		For Factory Finish, Add	*0.30*	
		For Random Width Floor, Add	*1.49*	
		For Up To 20, Add	*2.65*	
		For >20 To 50, Add	*1.40*	
		For >50 To 100, Add	*0.70*	
		For >100 To 300, Add	*0.35*	
09 64 29 00-0017	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	7.14	0.81
		For Factory Finish, Add	*0.35*	
		For Random Width Floor, Add	*1.60*	
		For Up To 20, Add	*2.72*	
		For >20 To 50, Add	*1.45*	
		For >50 To 100, Add	*0.72*	
		For >100 To 300, Add	*0.36*	

09 64 29 00-0018 Unfinished Maple, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0019 25/32" Thick, Unfinished Maple, Wood Strip Flooring *(09 64 29 00-0018)*

09 64 29 00-0020	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	8.60	0.81
		For Factory Finish, Add	*0.38*	
		For Random Width Floor, Add	*1.91*	
		For Up To 20, Add	*3.45*	
		For >20 To 50, Add	*1.82*	
		For >50 To 100, Add	*0.91*	
		For >100 To 300, Add	*0.45*	
09 64 29 00-0021	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	8.04	0.81
		For Factory Finish, Add	*0.33*	
		For Random Width Floor, Add	*1.77*	
		For Up To 20, Add	*3.36*	
		For >20 To 50, Add	*1.76*	
		For >50 To 100, Add	*0.88*	
		For >100 To 300, Add	*0.44*	
09 64 29 00-0022	SF	3" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	7.69	0.81
		For Factory Finish, Add	*0.40*	
		For Random Width Floor, Add	*1.74*	
		For Up To 20, Add	*2.80*	
		For >20 To 50, Add	*1.50*	
		For >50 To 100, Add	*0.75*	
		For >100 To 300, Add	*0.38*	
09 64 29 00-0023	SF	3" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	7.14	0.81
		For Factory Finish, Add	*0.35*	
		For Random Width Floor, Add	*1.60*	
		For Up To 20, Add	*2.72*	
		For >20 To 50, Add	*1.45*	
		For >50 To 100, Add	*0.72*	
		For >100 To 300, Add	*0.36*	

09 64 29 00-0024 33/32" Thick, Unfinished Maple, Wood Strip Flooring *(09 64 29 00-0018)*

09 64 29 00-0025	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	9.79	0.81
		For Factory Finish, Add	*0.50*	
		For Random Width Floor, Add	*2.21*	
		For Up To 20, Add	*3.62*	
		For >20 To 50, Add	*1.94*	
		For >50 To 100, Add	*0.97*	
		For >100 To 300, Add	*0.48*	
09 64 29 00-0026	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	9.05	0.81
		For Factory Finish, Add	*0.43*	
		For Random Width Floor, Add	*2.02*	
		For Up To 20, Add	*3.51*	
		For >20 To 50, Add	*1.86*	
		For >50 To 100, Add	*0.93*	
		For >100 To 300, Add	*0.47*	
09 64 29 00-0027	SF	3" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	8.95	0.81
		For Factory Finish, Add	*0.53*	
		For Random Width Floor, Add	*2.05*	
		For Up To 20, Add	*2.99*	
		For >20 To 50, Add	*1.63*	
		For >50 To 100, Add	*0.81*	
		For >100 To 300, Add	*0.41*	
09 64 29 00-0028	SF	3" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	8.22	0.81
		For Factory Finish, Add	*0.46*	
		For Random Width Floor, Add	*1.87*	
		For Up To 20, Add	*2.88*	
		For >20 To 50, Add	*1.55*	
		For >50 To 100, Add	*0.78*	
		For >100 To 300, Add	*0.39*	

09 64 66 Wood Athletic Flooring *(09 64)*

Note: On shims, sleepers and/or screeds. 1-1/2" or 2-1/4" widths. Excludes finish.

09 64 66 00-0001 Wood Gym/Stage/Dance Floors *(09 64 66)*

Note: Includes sanding and vent cove base. Excludes concrete repairs to subbase, thresholds, and finishing.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 66 00-0002	SF	25/32" Maple Wood Gym/Stage/Dance Floor	9.83	4.07
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0003	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Resilient Pads (Connor DuraCushion)	12.96	5.29
		Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/8" resilient pads.		
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0004	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Two Stage Resilient Pads (Connor NeoShok)	13.54	5.29
		Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/4" hemispherical two stage polyurethane resilient pads.		
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0005	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Subfloor With Continuous Steel Channel Encased Sleepers And Resilient Pads (Connor PermaFlex)	14.67	5.29
		Note: Includes 6 mil polyethylene vapor barrier, one layer of 15/32" plywood subfloor, a continuous steel channel encasing a 23/32" fixed sleeper, a 7/16" resilient pad and a 23/32" flex sleeper.		
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0006	SF	Fixed Resilient 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Panel Subfloor With Resilient Pads (Connor Focus)	14.13	5.29
		Note: Includes 6 mil polyethylene vapor barrier, one layer of 3/4" subfloor, 9/16" resilient pads and concrete anchors and clips.		
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0007	SF	Clip And Channel, Fixed 33/32" Maple Wood Gym/Stage/Dance Floor System (Connor PermaLock)	16.35	5.29
		Note: Includes 6 mil polyethylene vapor barrier, one layer of 1/2" impregnated fiberboard with channel grooves for 16 gauge steel anchor channel.		
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	

09 65 Resilient Flooring *(09 60)*

See CSI section 03 54 00 00-0001 for self leveling underlayment for uneven floors.

09 65 13 Resilient Base And Accessories *(09 65)*

09 65 13 13 Resilient Base *(09 65 13)*

09 65 13 13-0001 Vinyl Plastic Wall Base *(09 65 13 13)*

Note: Includes inside and outside premolded corners.

09 65 13 13-0002	LF	4" High, 1/8" Vinyl Plastic Base, All Colors	2.38	0.82
		For Up To 20, Add	*1.01*	
		For >20 To 40, Add	*0.57*	
		For >40 To 100, Add	*0.20*	
09 65 13 13-0003	LF	6" High, 1/8" Vinyl Plastic Base, All Colors	3.22	0.98
		For Up To 20, Add	*1.27*	
		For >20 To 40, Add	*0.72*	
		For >40 To 100, Add	*0.26*	

09 65 13 13-0004 1/8" Thick Rubber Wall Base *(09 65 13 13)*

09 65 13 13-0005	LF	4" High, 1/8" Rubber Base, Group 1 Black, Russet And Umber	2.63	0.98
		For Up To 20, Add	*1.27*	
		For >20 To 40, Add	*0.70*	
		For >40 To 100, Add	*0.24*	
09 65 13 13-0006	LF	6" High, 1/8" Rubber Base, Group 1 Black, Russet And Umber	2.82	0.98
		For Up To 20, Add	*1.30*	
		For >20 To 40, Add	*0.72*	
		For >40 To 100, Add	*0.25*	
09 65 13 13-0007	LF	4" High, 1/8" Rubber Base, Group 2 All (Except White)	2.70	0.98
		For Up To 20, Add	*1.28*	
		For >20 To 40, Add	*0.71*	
		For >40 To 100, Add	*0.24*	
09 65 13 13-0008	LF	6" High, 1/8" Rubber Base, Group 2 All (Except White)	2.96	0.98
		For Up To 20, Add	*1.32*	
		For >20 To 40, Add	*0.73*	
		For >40 To 100, Add	*0.26*	
09 65 13 13-0009	LF	4" High, 1/8" Rubber Base, Group 3 White Only	2.58	0.98
		For Up To 20, Add	*1.26*	
		For >20 To 40, Add	*0.70*	
		For >40 To 100, Add	*0.24*	
09 65 13 13-0010	LF	6" High, 1/8" Rubber Base, Group 3 Only	2.84	0.98
		For Up To 20, Add	*1.30*	
		For >20 To 40, Add	*0.72*	
		For >40 To 100, Add	*0.25*	
09 65 13 13-0011	EA	4" High, 1/8" Rubber Corner	2.64	0.98
09 65 13 13-0012	EA	6" High, 1/8" Rubber Corner	2.93	0.98

09 65 13 23 Resilient Stair Treads And Risers *(09 65 13)*

Note: All treads have integral nosing. Abrasive strip modifiers include either 1 or 2 strips running the length of the tread. All colors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 23-0001		Rubber Stair Treads and Risers *(09 65 13 23)*		
09 65 13 23-0002		Raised Disc Or Other Patterned Rubber Stair Tread *(09 65 13 23-0001)*		
09 65 13 23-0003	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	14.04	1.64
		Note: Raised disc or other pattern.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0004	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	15.09	1.76
		Note: Raised disc or other pattern.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0005	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	18.40	1.88
		Note: Raised disc or other pattern.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0006		Smooth Surface Rubber Stair Tread *(09 65 13 23-0001)*		
09 65 13 23-0007	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	13.20	1.64
		Note: Smooth surface.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0008	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	14.11	1.76
		Note: Smooth surface.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0009	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	17.16	1.89
		Note: Smooth surface.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0010		Smooth Surface Rubber Stair Riser *(09 65 13 23-0001)*		
09 65 13 23-0011	LF	1/8" Thick, Smooth Surface Rubber Stair Riser	7.71	0.98
09 65 13 23-0012		Smooth, Raised Disc or Other Patterned Rubber Landing Mats *(09 65 13 23-0001)*		
09 65 13 23-0013	SF	1/8" Thick, Rubber Landing Mats	11.66	1.64
		Note: Smooth, raised disc or other patterned surface.		
09 65 13 23-0014	SF	3/16" Thick, Rubber Landing Mats	12.42	1.64
		Note: Smooth, raised disc or other patterned surface.		
09 65 13 23-0015	SF	7/32" Thick, Rubber Landing Mats	14.05	1.64
		Note: Smooth, raised disc or other patterned surface.		
09 65 13 23-0016		Vinyl Stair Treads and Risers *(09 65 13 23)*		
09 65 13 23-0017		Ribbed Vinyl Stair Tread *(09 65 13 23-0016)*		
09 65 13 23-0018	LF	1/8" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	9.62	1.49
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0019	LF	3/16" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	11.60	1.64
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0020	LF	1/4" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	13.74	1.77
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0021		Smooth Surface Vinyl Stair Riser *(09 65 13 23-0016)*		
09 65 13 23-0022	LF	1/8" Thick, 7" High, Smooth Surface Vinyl Stair Riser	5.84	0.98
09 65 13 33		**Resilient Accessories** *(09 65 13)*		
09 65 13 33-0001		Flexible Self Leveling Cementitious Underlayments *(09 65 13 33)*		
09 65 13 33-0002	SF	1/8" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	1.10	0.65
09 65 13 33-0003	SF	1/4" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	1.66	0.65
09 65 13 33-0004		Concrete Floor Prep *(09 65 13 33)*		
09 65 13 33-0005	SF	Remove Glue From Concrete Floor	0.82	
		Note: For removal of glue from VCT or carpet placement. Not to be used in conjunction with demolition tasks associated with floor tile installation.		
09 65 16		**Resilient Sheet Flooring** *(09 65)*		
09 65 16 23		**Vinyl Sheet Flooring** *(09 65 16)*		
09 65 16 23-0001		Vinyl Sheet Flooring *(09 65 16 23)*		
		Note: For flash cove application, add additional square foot of material to form cove base.		
09 65 16 23-0002	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring (Armstrong® Medintech®)	5.91	0.62
		For Up To 40, Add	*2.82*	
		For >40 To 100, Add	*1.41*	
		For >1,000, Deduct	*-0.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 16 23-0003	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring (Armstrong® Medintone™ Or Medley™)	4.92	0.62
		For Up To 40, Add	*2.62*	
		For >40 To 100, Add	*1.31*	
		For >1,000, Deduct	*-0.37*	
09 65 16 23-0004	SF	0.080" Overall Thickness, 0.050" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring (Armstrong® Connection Corlon®)	3.37	0.62
		For Up To 40, Add	*2.31*	
		For >40 To 100, Add	*1.16*	
		For >1,000, Deduct	*-0.21*	
09 65 16 23-0005	SF	0.080" Overall Thickness, 0.040" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring (Armstrong® Possibilities® Petit Point™)	4.24	0.62
		For Up To 40, Add	*2.49*	
		For >40 To 100, Add	*1.24*	
		For >1,000, Deduct	*-0.30*	
09 65 16 23-0006	SF	0.080" Overall Thickness, 0.060" Wear Layer, Inlaid With Felt Backing, Commercial Vinyl Sheet Flooring (Armstrong® Medintech Tandem®)	5.51	0.62
		For Up To 40, Add	*2.74*	
		For >40 To 100, Add	*1.37*	
		For >1,000, Deduct	*-0.43*	
09 65 16 23-0007	SF	0.080" Overall Thickness, 0.020" Wear Layer, Slip Retardant Surface, Commercial Vinyl Sheet Flooring (Armstrong® Safeguard®)	7.44	0.62
		For Up To 40, Add	*3.13*	
		For >40 To 100, Add	*1.56*	
		For >1,000, Deduct	*-0.62*	

09 65 19 Resilient Tile Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete. Demolition includes removal of the tile and adhesive and cleaning of the surface for a new floor.

09 65 19 00-0001 Vinyl Tile *(09 65 19)*

Note: Any size.

09 65 19 00-0002 Vinyl Composition Tile (VCT) *(09 65 19 00-0001)*

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 1 solid color tile, Class 2 through pattern tile or Class 3 surface pattern tile as listed in the task description.

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 00-0003	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Imperial Texture®)	2.41	0.98
		For 3/32" Thick, Deduct	*-0.12*	
		For Extra Stock, Material Only, Deduct	*-1.15*	
		For Up To 20, Add	*0.85*	
		For >20 To 40, Add	*0.48*	
		For >40 To 100, Add	*0.18*	
		For >1,000 To 3,000, Deduct	*-0.02*	
		For >3,000 To 6,000, Deduct	*-0.05*	
		For >6,000, Deduct	*-0.06*	
09 65 19 00-0004	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon MultiColor™)	2.41	0.98
		For Extra Stock, Material Only, Deduct	*-1.15*	
		For Up To 20, Add	*0.85*	
		For >20 To 40, Add	*0.48*	
		For >40 To 100, Add	*0.18*	
		For >1,000 To 3,000, Deduct	*-0.02*	
		For >3,000 To 6,000, Deduct	*-0.05*	
		For >6,000, Deduct	*-0.06*	
09 65 19 00-0005	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Rave®)	2.41	0.98
		For Extra Stock, Material Only, Deduct	*-1.15*	
		For Up To 20, Add	*0.85*	
		For >20 To 40, Add	*0.48*	
		For >40 To 100, Add	*0.18*	
		For >1,000 To 3,000, Deduct	*-0.02*	
		For >3,000 To 6,000, Deduct	*-0.05*	
		For >6,000, Deduct	*-0.06*	
09 65 19 00-0006	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® ChromaSpin™)	3.57	0.98
		For Extra Stock, Material Only, Deduct	*-1.15*	
		For Up To 20, Add	*1.02*	
		For >20 To 40, Add	*0.60*	
		For >40 To 100, Add	*0.24*	
		For >1,000 To 3,000, Deduct	*-0.05*	
		For >3,000 To 6,000, Deduct	*-0.09*	
		For >6,000, Deduct	*-0.12*	
09 65 19 00-0007	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Companion Square®)	3.58	0.98
		For Extra Stock, Material Only, Deduct	*-1.15*	
		For Up To 20, Add	*1.02*	
		For >20 To 40, Add	*0.60*	
		For >40 To 100, Add	*0.24*	
		For >1,000 To 3,000, Deduct	*-0.05*	
		For >3,000 To 6,000, Deduct	*-0.09*	
		For >6,000, Deduct	*-0.12*	
09 65 19 00-0008	SF	1/8" Thick, Class 3 Surface Pattern, Vinyl Composition Tile (VCT) (Armstrong® Arteffects®)	3.80	0.98
		For Extra Stock, Material Only, Deduct	*-1.15*	
		For Up To 20, Add	*1.05*	
		For >20 To 40, Add	*0.62*	
		For >40 To 100, Add	*0.25*	
		For >1,000 To 3,000, Deduct	*-0.05*	
		For >3,000 To 6,000, Deduct	*-0.10*	
		For >6,000, Deduct	*-0.13*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 00-0009		SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Stonetex®)	3.83	0.98
			For Extra Stock, Material Only, Deduct	*-1.15*	
			For Up To 20, Add	*1.06*	
			For >20 To 40, Add	*0.63*	
			For >40 To 100, Add	*0.25*	
			For >1,000 To 3,000, Deduct	*-0.05*	
			For >3,000 To 6,000, Deduct	*-0.10*	
			For >6,000, Deduct	*-0.13*	
09 65 19 00-0010		SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Raffia™)	3.97	0.98
			For Extra Stock, Material Only, Deduct	*-1.15*	
			For Up To 20, Add	*1.08*	
			For >20 To 40, Add	*0.64*	
			For >40 To 100, Add	*0.26*	
			For >1,000 To 3,000, Deduct	*-0.06*	
			For >3,000 To 6,000, Deduct	*-0.11*	
			For >6,000, Deduct	*-0.14*	
09 65 19 00-0011		SF	1/8" Thick, Slip Retardant, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Safety Zone™)	5.23	0.98
			For Extra Stock, Material Only, Deduct	*-1.15*	
			For Up To 20, Add	*1.27*	
			For >20 To 40, Add	*0.77*	
			For >40 To 100, Add	*0.32*	
			For >1,000 To 3,000, Deduct	*-0.08*	
			For >3,000 To 6,000, Deduct	*-0.16*	
			For >6,000, Deduct	*-0.20*	
09 65 19 00-0012		SF	1/8" Thick, Class 1 Solid Color, Vinyl Composition Tile (VCT) (Armstrong® Excelon Feature™)	5.73	0.98
			For Extra Stock, Material Only, Deduct	*-1.15*	
			For Up To 20, Add	*1.34*	
			For >20 To 40, Add	*0.82*	
			For >40 To 100, Add	*0.35*	
			For >1,000 To 3,000, Deduct	*-0.09*	
			For >3,000 To 6,000, Deduct	*-0.18*	
			For >6,000, Deduct	*-0.23*	
09 65 19 00-0013		SF	1/8" Thick, Static Dissipative, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® SDT™)	7.67	0.98
			For Extra Stock, Material Only, Deduct	*-1.15*	
			For Up To 20, Add	*1.63*	
			For >20 To 40, Add	*1.01*	
			For >40 To 100, Add	*0.44*	
			For >1,000 To 3,000, Deduct	*-0.13*	
			For >3,000 To 6,000, Deduct	*-0.26*	
			For >6,000, Deduct	*-0.32*	
09 65 19 00-0014		SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Mannington® Colorpoint®)	4.13	0.98
			For Extra Stock, Material Only, Deduct	*-1.15*	
			For Up To 20, Add	*1.10*	
			For >20 To 40, Add	*0.66*	
			For >40 To 100, Add	*0.27*	
			For >1,000 To 3,000, Deduct	*-0.06*	
			For >3,000 To 6,000, Deduct	*-0.12*	
			For >6,000, Deduct	*-0.15*	

09 65 19 00-0015 Solid Vinyl Tile (SVT) *(09 65 19 00-0001)*

Note: The following solid vinyl tiles are certified to ASTM F 1700.

09 65 19 00-0016		SF	1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande)	6.14	0.98
			For Up To 20, Add	*1.59*	
			For >20 To 40, Add	*0.95*	
			For >40 To 100, Add	*0.39*	
			For >1,000 To 3,000, Deduct	*-0.09*	
			For >3,000 To 6,000, Deduct	*-0.18*	
			For >6,000, Deduct	*-0.22*	
09 65 19 00-0017		SF	1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Karim Kolors)	6.30	0.98
			For Up To 20, Add	*1.62*	
			For >20 To 40, Add	*0.97*	
			For >40 To 100, Add	*0.40*	
			For >1,000 To 3,000, Deduct	*-0.09*	
			For >3,000 To 6,000, Deduct	*-0.18*	
			For >6,000, Deduct	*-0.23*	
09 65 19 00-0018		SF	1/8" Thick, Slip Retardant, Class 1 Type B, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande SR)	5.95	0.98
			For Up To 20, Add	*1.38*	
			For >20 To 40, Add	*0.84*	
			For >40 To 100, Add	*0.36*	
			For >1,000 To 3,000, Deduct	*-0.09*	
			For >3,000 To 6,000, Deduct	*-0.19*	
			For >6,000, Deduct	*-0.24*	

09 65 19 00-0019 Vinyl Transition Strip *(09 65 19 00-0001)*

09 65 19 00-0020		LF	Vinyl Transition Strip, Brown Or Black	1.38	0.59
			For Up To 20, Add	*0.54*	
			For >20 To 40, Add	*0.30*	
			For >40 To 100, Add	*0.11*	
09 65 19 00-0021		LF	Vinyl Floor Tile Reducer Strip, Brown Or Black	1.26	
			For Up To 20, Add	*0.52*	
			For >20 To 40, Add	*0.29*	
			For >40 To 100, Add	*0.10*	
09 65 19 00-0022		LF	Vinyl Floor Tile Feature Strip, Brown Or Black	1.12	
			For Up To 20, Add	*0.50*	
			For >20 To 40, Add	*0.28*	
			For >40 To 100, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 00-0023		Rubber Tile *(09 65 19)*		
09 65 19 00-0024		Rubber Tile With Raised Discs, Assorted Colors *(09 65 19 00-0023)*		
09 65 19 00-0025	SF	1/8" Thick Rubber Tile	8.36	0.59
		Note: Smooth, raised disc or other patterned surface.		
		For Up To 20, Add	*1.74*	
		For >20 To 40, Add	*1.08*	
		For >40 To 100, Add	*0.48*	
09 65 19 00-0026	SF	3/16" Thick Rubber Tile	9.23	0.65
		Note: Smooth, raised disc or other patterned surface.		
		For Up To 20, Add	*1.91*	
		For >20 To 40, Add	*1.19*	
		For >40 To 100, Add	*0.53*	
09 65 19 00-0027	SF	7/32" Thick Rubber Tile	10.75	0.65
		Note: Smooth, raised disc or other patterned surface.		
		For Up To 20, Add	*2.14*	
		For >20 To 40, Add	*1.34*	
		For >40 To 100, Add	*0.60*	
09 65 43		**Linoleum Flooring** *(09 65)*		
09 65 43 00-0001		Linoleum Flooring *(09 65 43)*		
09 65 43 00-0002	SF	Linoleum Tile (Forbo Marmoleum Composition Tile, Armstrong)	4.30	1.23
		For Up To 20, Add	*1.49*	
		For >20 To 40, Add	*0.85*	
		For >40 To 100, Add	*0.32*	
09 65 43 00-0003	SF	Up To 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Real)	5.56	0.62
09 65 43 00-0004	SF	> 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Real)	5.13	0.62
09 65 43 00-0005	SF	Up To 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Striato)	5.76	0.62
09 65 43 00-0006	SF	> 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Striato)	5.37	0.62
09 65 43 00-0007	SF	Up To 76 SY 2.5mm, Linoleum Sheet (Armstrong Marmorette)	5.76	0.62
09 65 43 00-0008	SF	> 76 SY 2.5mm, Linoleum Sheet (Armstrong Marmorette)	5.21	0.62
09 65 43 00-0009	SF	Up To 76 SY 2.5mm, Linoleum Sheet (Uni Walton)	7.03	0.62
09 65 43 00-0010	SF	> 76 SY 2.5mm, Linoleum Sheet (Uni Walton)	6.48	0.62
09 65 66		**Resilient Athletic Flooring** *(09 65)*		
09 65 66 00-0001		Sheet Goods For Gym *(09 65 66)*		
09 65 66 00-0002	SF	1/4" PVC Cushioned Synthetic Gym Floor	7.07	2.75
09 65 66 00-0003	SF	9/32" PVC Cushioned Synthetic Gym Floor	7.26	2.75
09 65 66 00-0004	SF	3/8" PVC Cushioned Synthetic Gym Floor	7.45	2.75
09 65 66 00-0005	SF	1/8" Rubber Sheet Good For Gym Floor Base	6.55	3.06
09 65 66 00-0006	SF	3/16" Rubber Sheet Good For Gym Floor Base	8.32	3.67
09 65 66 00-0007	SF	1/4" Rubber Sheet Good For Gym Floor Base	9.40	4.07
09 65 66 00-0008		Interlocking Rubber Flooring *(09 65 66)*		
09 65 66 00-0009	SF	3/8" Interlocking Rubber Athletic Flooring	7.68	0.46
		Note: Black with hidden or exposed locks. Pawling HL series.		
		For Colors, Add	*0.88*	
09 65 66 00-0010	SF	9/16" Interlocking Rubber Athletic Flooring	10.81	0.46
		Note: Black with hidden or exposed locks. Pawling HL series.		
		For Colors, Add	*1.27*	
09 65 66 00-0011		Polyurethane Floor Systems *(09 65 66)*		
		See CSI section 09 93 00 00-0022 for game lines.		
09 65 66 00-0012	SF	7 mm Thick Base Coat, 2 mm Thick Top Coat, Polyurethane Floor System With Polyurethane/Rubber Granulate Base (Robbins Pulastic)	11.69	1.32
09 65 66 00-0013	SF	9 mm Thick Base Coat, 2 mm Thick Top Coat, Polyurethane Floor System With Polyurethane/Rubber Granulate Base (Robbins Pulastic)	12.85	1.32
09 66		Terrazzo Flooring *(09 60)*		
09 66 13		**Portland Cement Terrazzo Flooring** *(09 66)*		
		Note: Excludes divider strips. See CSI section 09 66 33 00-0000 for conductive terrazzo.		
09 66 13 00-0001		Floors Bonded To Concrete *(09 66 13)*		
		Note: 1-3/4" Thick - 5/8" topping.		
09 66 13 00-0002	SF	Terrazzo Floor, Bonded To Concrete, Gray Cement 1-3/4" Thick With 5/8" Topping	18.99	2.27
		For Venetian Type Terrazzo, Add	*4.85*	
		For Abrasive Heavy Duty Terrazzo, Add	*4.85*	
		For Colors, Add	*2.42*	
		For Up To 100, Add	*4.69*	
		For >100 To 250, Add	*2.34*	
09 66 13 00-0003	SF	Terrazzo Floor, Bonded To Concrete, White Cement 1-3/4" Thick With 5/8" Topping	19.11	2.27
		For Venetian Type Terrazzo, Add	*4.91*	
		For Abrasive Heavy Duty Terrazzo, Add	*4.91*	
		For Colors, Add	*2.45*	
		For Up To 100, Add	*4.70*	
		For >100 To 250, Add	*2.35*	
09 66 13 00-0004		Floors Not Bonded To Concrete *(09 66 13)*		
		Note: 3" Thick - 5/8" topping and 1/4" sand cushion.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 13 00-0005	SF	Terrazzo Floor, Not Bonded, Gray Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	23.84	2.27
		For Venetian Type Terrazzo, Add	*5.88*	
		For Abrasive Heavy Duty Terrazzo, Add	*5.88*	
		For Colors, Add	*2.94*	
		For Up To 100, Add	*6.01*	
		For >100 To 250, Add	*3.01*	
09 66 13 00-0006	SF	Terrazzo Floor, Not Bonded, White Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	23.95	2.27
		For Venetian Type Terrazzo, Add	*5.93*	
		For Abrasive Heavy Duty Terrazzo, Add	*5.93*	
		For Colors, Add	*2.97*	
		For Up To 100, Add	*6.02*	
		For >100 To 250, Add	*3.01*	

09 66 13 00-0007 Monolithic Terrazzo *(09 66 13)*

09 66 13 00-0008	SF	Monolithic Terrazzo, 3-1/2" Base 5/8" Topping, 4'-5' Square Panels Topping (Including Mesh And Felt)	12.95	2.27
		For Venetian Type Terrazzo, Add	*4.28*	
		For Abrasive Heavy Duty Terrazzo, Add	*4.28*	
		For Colors, Add	*2.14*	
		For Up To 100, Add	*2.62*	
		For >100 To 250, Add	*1.31*	

09 66 13 00-0009 Terrazzo Wainscot *(09 66 13)*

09 66 13 00-0010	SF	Terrazzo Wainscot Cast In Place 1-1/2" Thick Bonded To Concrete Or Masonry 1-1/2" Thick	26.41	3.02
		For Venetian Type Terrazzo, Add	*3.14*	

09 66 13 00-0011 Terrazzo Base *(09 66 13)*

09 66 13 00-0012	SF	Terrazzo Base, Cast In Place, 6" Cove Type	26.65	2.33
		For Venetian Type Terrazzo, Add	*6.84*	

09 66 13 00-0013 Terrazzo Curb *(09 66 13)*

09 66 13 00-0014	LF	6" x 6" Terrazzo Curb, Cast In Place, Polished Top And 2 Faces	70.09	15.55
		For Venetian Type Terrazzo, Add	*9.13*	

09 66 13 00-0015 Stairs Cast In Place *(09 66 13)*

Note: Topping applied to concrete or metal.

09 66 13 00-0016	LF	Cast In Place Terrazzo Stair, 1-1/2" Thick x 12" Wide, Applied To Concrete Or Metal	27.10	4.53
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	
09 66 13 00-0017	LF	Cast In Place Terrazzo Stair Tread And Riser, Applied To Concrete Or Metal	68.28	15.10
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	
09 66 13 00-0018	SF	Cast In Place Terrazzo Stair Stringer And Fascia, Applied To Concrete Or Metal	27.44	4.53
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	

09 66 13 00-0019 Divider Strips *(09 66 13)*

09 66 13 00-0020	LF	Divider Strip, 14 Gauge, 1-1/4" Deep, Zinc	3.54	0.76
09 66 13 00-0021	LF	Divider Strip, 14 Gauge, 1-1/4" Deep, Brass	3.01	0.76
09 66 13 00-0022	LF	Heavy Top Strip, 1/4" Thick, 1-1/4" Deep, Zinc	5.38	0.76
09 66 13 00-0023	LF	Heavy Top Strip, 1/4" Thick, 1-1/4" Deep, Galvanized Bottom, Brass	8.70	0.76
09 66 13 00-0024	LF	Divider Strip For Thin Set Floors, 16 Gauge, 1/2" x 1/2" Zinc	3.46	0.76
09 66 13 00-0025	LF	Divider Strip For Thin Set Floors, 16 Gauge, 1/2" x 1/2" Brass	4.91	0.76
09 66 13 00-0026	LF	Divider Strip For Floor, Vinyl Plastic	3.49	0.76

09 66 16 Terrazzo Floor Tile *(09 66)*

09 66 16 00-0001 Flooring Tiles *(09 66 16)*

Note: Gray cement setting bed 3/16" polyester matrix or 1/2" cement matrix 12" x 12".

09 66 16 00-0002 Terrazzo Tiles With Non Slip Surface *(09 66 16 00-0001)*

09 66 16 00-0003	SF	9" x 9" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile	20.84	1.97
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 00-0004	SF	12" x 12" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile	21.24	1.97
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 00-0005	SF	12" x 12" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	24.56	1.97
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 00-0006	SF	18" x 18" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	26.20	1.97
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 00-0007	SF	24" x 24" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	27.33	1.97
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 16 00-0008		Terrazzo Tile Thin Set *(09 66 16 00-0001)*		
09 66 16 00-0009	SF	Precast Terrazzo, 1/4"-1/2" Chips Floor Tiles, Thin Set Gray Cement Bed	20.60	1.97
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 00-0010	SF	Precast Terrazzo, 3/8"-1" Chips Floor Tiles, Thin Set Gray Cement Bed	21.94	1.97
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 00-0011		Thin Set Terrazzo Wainscot *(09 66 16 00-0001)*		
09 66 16 00-0012	SF	12" x 12" x 1" Terrazzo Tile Wainscot Thin Set	34.62	4.67
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 00-0013	SF	18" x 18" x 1-1/2" Terrazzo Tile Wainscot Thin Set	39.56	4.67
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 00-0014		Thin Set Terrazzo Base, Gray Cement *(09 66 16 00-0001)*		
09 66 16 00-0015	LF	6" High, Straight Terrazzo Base Thin Set, Gray Cement	11.44	2.33
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 00-0016	LF	6" High, Cove Terrazzo Base Thin Set, Gray Cement	12.68	2.33
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 00-0017	LF	8" High, Straight Terrazzo Base Thin Set, Gray Cement	13.26	2.33
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 00-0018	LF	8" High, Cove Terrazzo Base Thin Set, Gray Cement	13.88	2.33
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 00-0019		Terrazzo Curbs *(09 66 16 00-0001)*		
09 66 16 00-0020	LF	8" x 8" Curb, Terrazzo Tile	23.52	3.11
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 00-0021	LF	6" x 6" Curb, Terrazzo Tile	22.90	3.11
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 00-0022		Precast Terrazzo Stair Treads 12" Wide *(09 66 16 00-0001)*		
09 66 16 00-0023	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Diamond Pattern	53.57	3.11
09 66 16 00-0024	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Non Slip Surface	46.13	3.11
09 66 16 00-0025	LF	2" Precast Terrazzo Straight Stair Tread	41.17	3.11
09 66 16 00-0026	LF	2" Precast Terrazzo Curved Stair Tread	48.09	3.11
09 66 16 00-0027		Stair Risers, 1" Thick To 6" High, Straight *(09 66 16 00-0001)*		
09 66 16 00-0028	LF	1"-6" High Precast Terrazzo Stair Riser Straight Section, Thin Set	24.60	2.33
09 66 16 00-0029	LF	1"-6" High Precast Terrazzo Stair Riser Straight Cove Section, Thin Set	28.32	2.33
09 66 16 00-0030		Stair Risers, 1" Thick To 6" High, Curved *(09 66 16 00-0001)*		
09 66 16 00-0031	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Vertical Section, Thin Set	35.83	2.33
09 66 16 00-0032	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Cove Section, Thin Set	38.31	2.33
09 66 16 00-0033		Tread And Riser *(09 66 16)*		
09 66 16 00-0034		Stair Stringers, Notched For Treads And Risers *(09 66 16 00-0033)*		
09 66 16 00-0035	LF	1" Precast Terrazzo Stair Stringers Notched For Treads And Risers	60.42	6.22
09 66 16 00-0036	LF	2" Precast Terrazzo Stair Stringers Notched For Treads And Risers	72.80	6.22
09 66 16 00-0037		Structural Non-Slip Landings *(09 66 16 00-0033)*		
09 66 16 00-0038	SF	1-1/2" Thick Precast Terrazzo Stair Landing Structural, Non Slip	43.34	3.11
09 66 16 00-0039	SF	3" Thick Precast Terrazzo Stair Landing Structural, Non Slip	53.08	3.11
09 66 16 00-0040		Combined Tread And Riser *(09 66 16 00-0033)*		
09 66 16 00-0041		Straight Sections *(09 66 16 00-0040)*		
09 66 16 00-0042	LF	Precast Terrazzo Stair Tread And Riser 1-1/2" Tread, 3/4" Riser, Straight Section	93.38	6.22
09 66 16 00-0043	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Straight Section	110.74	6.22
09 66 16 00-0044		Curved Sections *(09 66 16 00-0040)*		
09 66 16 00-0045	LF	Precast Terrazzo Stair Tread And Riser 2" Tread, 1" Riser, Curved Section	116.46	6.22
09 66 16 00-0046	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Curved Section	146.23	6.22

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 23		**Resinous Matrix Terrazzo Flooring** *(09 66)*		
09 66 23 16		**Epoxy-Resin Terrazzo Flooring** *(09 66 23)*		
09 66 23 16-0001		Epoxy Terrazzo *(09 66 23 16)*		
09 66 23 16-0002	SF	Chemical Resistant Epoxy Terrazzo, 1/4" Thick	17.97	2.27
09 66 33		**Conductive Terrazzo Flooring** *(09 66)*		
		Note: For anti-static areas.		
09 66 33 13		**Conductive Epoxy-Resin Terrazzo** *(09 66 33)*		
09 66 33 13-0001	SF	Terrazzo, Epoxy System, Floor Sparkproof, Conductive, Industrial	18.58	3.88
09 66 33 13-0002	SF	Terrazzo, Epoxy System, Base Sparkproof, Conductive, Industrial	33.46	3.88
09 66 33 16		**Conductive Polyester-Resin Terrazzo Flooring** *(09 66 33)*		
09 66 33 16-0001	SF	Terrazzo, Polyester System, Floor Sparkproof, Conductive, Industrial	14.27	3.88
09 66 33 16-0002	SF	Terrazzo, Polyester System, Base Sparkproof, Conductive, Industrial	24.07	3.88
09 66 33 19		**Conductive Plastic-Matrix Terrazzo Flooring** *(09 66 33)*		
09 66 33 19-0001	SF	Terrazzo, Polyacrylate System, Floor Sparkproof, Conductive, Industrial	15.98	3.88
09 66 33 19-0002	SF	Terrazzo, Polyacrylate System, Base Sparkproof, Conductive, Industrial	30.23	3.88
09 66 33 19-0003	SF	Terrazzo, Synthetic Latex Mastic System, Floor Sparkproof, Conductive, Industrial	22.88	3.88
09 66 33 19-0004	SF	Terrazzo, Synthetic Latex Mastic System, Base Sparkproof, Conductive, Industrial	26.14	3.88
09 67		Fluid-Applied Flooring *(09 60)*		
09 67 16		**Epoxy-Marble Chip Flooring** *(09 67)*		
09 67 16 00-0001		Epoxy Marble Chip Flooring *(09 67 16)*		
09 67 16 00-0002	SF	Epoxy Marble Floor With Colored Quartz Chips In 1/4" Base	10.66	2.27
		For Skid Resistant Abrasive Sand Finish, Add	*0.04*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.04*	
09 67 16 00-0003	SF	Epoxy Marble Chip Floor, Topping 3/16" Thick, Heavy Duty Epoxy	11.19	2.27
		For Skid Resistant Abrasive Sand Finish, Add	*0.04*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.04*	
09 67 29		**Epoxy Flooring** *(09 67)*		
09 67 29 00-0001		Epoxy Flooring *(09 67 29)*		
		Note: Includes primer and topcoats, assorted colors.		
09 67 29 00-0002	SF	Epoxy Flooring Trowel Applied Mortar Compound, 3/16" Heavy Duty (6000 - 7500 PSI)	9.55	5.13
		For Up To 500, Add	*1.78*	
		For >500 To 1000, Add	*1.13*	
		For >1000 To 2000, Add	*0.57*	
		For Skid Resistant Abrasive Sand Finish, Add	*0.03*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*1.32*	
09 67 29 00-0003	SF	Epoxy Flooring Trowel Applied Mortar Compound, 3/16", Chemical Resistant (10000 - 12000 PSI)	13.77	5.13
		For Up To 500, Add	*2.84*	
		For >500 To 1000, Add	*1.76*	
		For >1000 To 2000, Add	*0.88*	
		For Skid Resistant Abrasive Sand Finish, Add	*0.03*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*1.32*	
09 67 29 00-0004	SF	Epoxy Flooring Trowel Applied Mortar Compound, 1/4" Heavy Duty (6000 - 7500 PSI)	10.80	5.74
		For Up To 500, Add	*2.01*	
		For >500 To 1000, Add	*1.27*	
		For >1000 To 2000, Add	*0.64*	
		For Skid Resistant Abrasive Sand Finish, Add	*0.03*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*1.32*	
09 67 29 00-0005	SF	Epoxy Flooring Trowel Applied Mortar Compound, 1/4", Chemical Resistant (10000 - 12000 PSI)	15.64	5.74
		For Up To 500, Add	*3.22*	
		For >500 To 1000, Add	*2.00*	
		For >1000 To 2000, Add	*1.00*	
		For Skid Resistant Abrasive Sand Finish, Add	*0.03*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*1.32*	
09 67 29 00-0006	SF	Epoxy Flooring Trowel Applied Mortar Compound, 3/8" Heavy Duty (6000 - 7500 PSI)	12.07	6.42
		For Up To 500, Add	*2.26*	
		For >500 To 1000, Add	*1.43*	
		For >1000 To 2000, Add	*0.72*	
		For Skid Resistant Abrasive Sand Finish, Add	*0.03*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*1.32*	
09 67 29 00-0007	SF	Epoxy Flooring Trowel Applied Mortar Compound, 3/8", Chemical Resistant (10000 - 12000 PSI)	17.20	6.42
		For Up To 500, Add	*3.54*	
		For >500 To 1000, Add	*2.20*	
		For >1000 To 2000, Add	*1.10*	
		For Skid Resistant Abrasive Sand Finish, Add	*0.03*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*1.32*	
09 68		Carpeting *(09 60)*		
		Note: No VOC carpet and adhesives. Includes tack strips, glue and floor fastenings as required and vacuuming.		
09 68 13		**Tile Carpeting** *(09 68)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0001		Tufted Carpet Tile With Fiberglass Reinforced Backing *(09 68 13)* Note: Includes glue (Lees ICT Backing System)		
09 68 13 00-0002		Non-Patterned Carpet Tiles *(09 68 13 00-0001)*		
09 68 13 00-0003	SY	20 Ounce, Non Patterned, Nylon Carpet Tile	43.54	4.91
		For >200 To 400, Deduct	*-0.63*	
		For >400 To 600, Deduct	*-0.95*	
		For >600 To 900, Deduct	*-1.76*	
		For >900 To 1500, Deduct	*-2.57*	
		For >1500 To 2200, Deduct	*-3.75*	
		For >2200 To 3500, Deduct	*-4.84*	
		For >3500, Deduct	*-5.93*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0004	SY	22 Ounce, Non Patterned, Nylon Carpet Tile	49.26	4.91
		For >200 To 400, Deduct	*-0.74*	
		For >400 To 600, Deduct	*-1.12*	
		For >600 To 900, Deduct	*-2.04*	
		For >900 To 1500, Deduct	*-2.97*	
		For >1500 To 2200, Deduct	*-4.32*	
		For >2200 To 3500, Deduct	*-5.56*	
		For >3500, Deduct	*-6.79*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0005	SY	24 Ounce, Non Patterned, Nylon Carpet Tile	54.83	4.91
		For >200 To 400, Deduct	*-0.86*	
		For >400 To 600, Deduct	*-1.28*	
		For >600 To 900, Deduct	*-2.32*	
		For >900 To 1500, Deduct	*-3.36*	
		For >1500 To 2200, Deduct	*-4.88*	
		For >2200 To 3500, Deduct	*-6.25*	
		For >3500, Deduct	*-7.62*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0006	SY	26 Ounce, Non Patterned, Nylon Carpet Tile	58.09	4.91
		For >200 To 400, Deduct	*-0.92*	
		For >400 To 600, Deduct	*-1.38*	
		For >600 To 900, Deduct	*-2.48*	
		For >900 To 1500, Deduct	*-3.58*	
		For >1500 To 2200, Deduct	*-5.21*	
		For >2200 To 3500, Deduct	*-6.66*	
		For >3500, Deduct	*-8.11*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0007	SY	28 Ounce, Non Patterned, Nylon Carpet Tile	61.43	4.91
		For >200 To 400, Deduct	*-0.99*	
		For >400 To 600, Deduct	*-1.48*	
		For >600 To 900, Deduct	*-2.65*	
		For >900 To 1500, Deduct	*-3.82*	
		For >1500 To 2200, Deduct	*-5.54*	
		For >2200 To 3500, Deduct	*-7.08*	
		For >3500, Deduct	*-8.61*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0008	SY	30 Ounce, Non Patterned, Nylon Carpet Tile	62.42	4.91
		For >200 To 400, Deduct	*-1.01*	
		For >400 To 600, Deduct	*-1.51*	
		For >600 To 900, Deduct	*-2.70*	
		For >900 To 1500, Deduct	*-3.89*	
		For >1500 To 2200, Deduct	*-5.64*	
		For >2200 To 3500, Deduct	*-7.20*	
		For >3500, Deduct	*-8.76*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0009	SY	32 Ounce, Non Patterned, Nylon Carpet Tile	63.04	4.91
		For >200 To 400, Deduct	*-1.02*	
		For >400 To 600, Deduct	*-1.53*	
		For >600 To 900, Deduct	*-2.73*	
		For >900 To 1500, Deduct	*-3.93*	
		For >1500 To 2200, Deduct	*-5.70*	
		For >2200 To 3500, Deduct	*-7.28*	
		For >3500, Deduct	*-8.85*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0010	SY	34 Ounce, Non Patterned, Nylon Carpet Tile	63.56	4.91
		For >200 To 400, Deduct	*-1.03*	
		For >400 To 600, Deduct	*-1.55*	
		For >600 To 900, Deduct	*-2.76*	
		For >900 To 1500, Deduct	*-3.97*	
		For >1500 To 2200, Deduct	*-5.75*	
		For >2200 To 3500, Deduct	*-7.34*	
		For >3500, Deduct	*-8.93*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0011	SY	36 Ounce, Non Patterned, Nylon Carpet Tile	65.34	4.91
		For >200 To 400, Deduct	*-1.07*	
		For >400 To 600, Deduct	*-1.60*	
		For >600 To 900, Deduct	*-2.85*	
		For >900 To 1500, Deduct	*-4.09*	
		For >1500 To 2200, Deduct	*-5.93*	
		For >2200 To 3500, Deduct	*-7.57*	
		For >3500, Deduct	*-9.20*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*4.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0012	SY	38 Ounce, Non Patterned, Nylon Carpet Tile	68.87	4.91
		For >200 To 400, Deduct	*-1.14*	
		For >400 To 600, Deduct	*-1.70*	
		For >600 To 900, Deduct	*-3.02*	
		For >900 To 1500, Deduct	*-4.34*	
		For >1500 To 2200, Deduct	*-6.29*	
		For >2200 To 3500, Deduct	*-8.01*	
		For >3500, Deduct	*-9.73*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0013	SY	40 Ounce, Non Patterned, Nylon Carpet Tile	72.66	4.91
		For >200 To 400, Deduct	*-1.21*	
		For >400 To 600, Deduct	*-1.82*	
		For >600 To 900, Deduct	*-3.21*	
		For >900 To 1500, Deduct	*-4.60*	
		For >1500 To 2200, Deduct	*-6.66*	
		For >2200 To 3500, Deduct	*-8.48*	
		For >3500, Deduct	*-10.30*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0014	SY	42 Ounce, Non Patterned, Nylon Carpet Tile	79.93	4.91
		For >200 To 400, Deduct	*-1.36*	
		For >400 To 600, Deduct	*-2.04*	
		For >600 To 900, Deduct	*-3.58*	
		For >900 To 1500, Deduct	*-5.11*	
		For >1500 To 2200, Deduct	*-7.39*	
		For >2200 To 3500, Deduct	*-9.39*	
		For >3500, Deduct	*-11.39*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0015	SY	Installation Of Owner Provided Non Patterned Carpet Tiles	12.06	

09 68 13 00-0016 Patterned Carpet Tiles *(09 68 13 00-0001)*

Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.

09 68 13 00-0017	SY	20 Ounce, Patterned, Nylon Carpet Tile	45.22	4.91
		For >200 To 400, Deduct	*-0.64*	
		For >400 To 600, Deduct	*-0.96*	
		For >600 To 900, Deduct	*-1.80*	
		For >900 To 1500, Deduct	*-2.64*	
		For >1500 To 2200, Deduct	*-3.86*	
		For >2200 To 3500, Deduct	*-4.99*	
		For >3500, Deduct	*-6.12*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0018	SY	22 Ounce, Patterned, Nylon Carpet Tile	51.02	4.91
		For >200 To 400, Deduct	*-0.76*	
		For >400 To 600, Deduct	*-1.13*	
		For >600 To 900, Deduct	*-2.09*	
		For >900 To 1500, Deduct	*-3.04*	
		For >1500 To 2200, Deduct	*-4.44*	
		For >2200 To 3500, Deduct	*-5.72*	
		For >3500, Deduct	*-6.99*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0019	SY	24 Ounce, Patterned, Nylon Carpet Tile	56.68	4.91
		For >200 To 400, Deduct	*-0.87*	
		For >400 To 600, Deduct	*-1.30*	
		For >600 To 900, Deduct	*-2.37*	
		For >900 To 1500, Deduct	*-3.44*	
		For >1500 To 2200, Deduct	*-5.01*	
		For >2200 To 3500, Deduct	*-6.42*	
		For >3500, Deduct	*-7.84*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0020	SY	26 Ounce, Patterned, Nylon Carpet Tile	59.98	4.91
		For >200 To 400, Deduct	*-0.93*	
		For >400 To 600, Deduct	*-1.40*	
		For >600 To 900, Deduct	*-2.54*	
		For >900 To 1500, Deduct	*-3.67*	
		For >1500 To 2200, Deduct	*-5.34*	
		For >2200 To 3500, Deduct	*-6.84*	
		For >3500, Deduct	*-8.34*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0021	SY	28 Ounce, Patterned, Nylon Carpet Tile	63.37	4.91
		For >200 To 400, Deduct	*-1.00*	
		For >400 To 600, Deduct	*-1.50*	
		For >600 To 900, Deduct	*-2.71*	
		For >900 To 1500, Deduct	*-3.91*	
		For >1500 To 2200, Deduct	*-5.68*	
		For >2200 To 3500, Deduct	*-7.26*	
		For >3500, Deduct	*-8.84*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0022	SY	30 Ounce, Patterned, Nylon Carpet Tile	64.37	4.91
		For >200 To 400, Deduct	*-1.02*	
		For >400 To 600, Deduct	*-1.53*	
		For >600 To 900, Deduct	*-2.76*	
		For >900 To 1500, Deduct	*-3.98*	
		For >1500 To 2200, Deduct	*-5.78*	
		For >2200 To 3500, Deduct	*-7.38*	
		For >3500, Deduct	*-8.99*	
		For Cushion Backed Tile, Add	*4.90*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0023	SY	32 Ounce, Patterned, Nylon Carpet Tile	65.01	4.91
		For >200 To 400, Deduct	*-1.04*	
		For >400 To 600, Deduct	*-1.55*	
		For >600 To 900, Deduct	*-2.79*	
		For >900 To 1500, Deduct	*-4.02*	
		For >1500 To 2200, Deduct	*-5.84*	
		For >2200 To 3500, Deduct	*-7.46*	
		For >3500, Deduct	*-9.09*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0024	SY	34 Ounce, Patterned, Nylon Carpet Tile	65.53	4.91
		For >200 To 400, Deduct	*-1.05*	
		For >400 To 600, Deduct	*-1.57*	
		For >600 To 900, Deduct	*-2.81*	
		For >900 To 1500, Deduct	*-4.06*	
		For >1500 To 2200, Deduct	*-5.89*	
		For >2200 To 3500, Deduct	*-7.53*	
		For >3500, Deduct	*-9.17*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0025	SY	36 Ounce, Patterned, Nylon Carpet Tile	67.34	4.91
		For >200 To 400, Deduct	*-1.08*	
		For >400 To 600, Deduct	*-1.62*	
		For >600 To 900, Deduct	*-2.90*	
		For >900 To 1500, Deduct	*-4.18*	
		For >1500 To 2200, Deduct	*-6.07*	
		For >2200 To 3500, Deduct	*-7.76*	
		For >3500, Deduct	*-9.44*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0026	SY	38 Ounce, Patterned, Nylon Carpet Tile	70.92	4.91
		For >200 To 400, Deduct	*-1.15*	
		For >400 To 600, Deduct	*-1.73*	
		For >600 To 900, Deduct	*-3.08*	
		For >900 To 1500, Deduct	*-4.43*	
		For >1500 To 2200, Deduct	*-6.43*	
		For >2200 To 3500, Deduct	*-8.20*	
		For >3500, Deduct	*-9.98*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0027	SY	40 Ounce, Patterned, Nylon Carpet Tile	74.77	4.91
		For >200 To 400, Deduct	*-1.23*	
		For >400 To 600, Deduct	*-1.85*	
		For >600 To 900, Deduct	*-3.28*	
		For >900 To 1500, Deduct	*-4.70*	
		For >1500 To 2200, Deduct	*-6.82*	
		For >2200 To 3500, Deduct	*-8.68*	
		For >3500, Deduct	*-10.55*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0028	SY	42 Ounce, Patterned, Nylon Carpet Tile	82.15	4.91
		For >200 To 400, Deduct	*-1.38*	
		For >400 To 600, Deduct	*-2.07*	
		For >600 To 900, Deduct	*-3.64*	
		For >900 To 1500, Deduct	*-5.22*	
		For >1500 To 2200, Deduct	*-7.55*	
		For >2200 To 3500, Deduct	*-9.61*	
		For >3500, Deduct	*-11.66*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*4.90*	
09 68 13 00-0029	SY	Installation Of Owner Provided Patterned Carpet Tiles	13.81	

09 68 13 00-0030 Carpet Tiles *(09 68 13)*

Note: Includes glue

09 68 13 00-0031	SY	27 Ounce, Patterned, Nylon Carpet Tile (Mannington Graffiti II) Note: Tip sheared patterned loop carpet tile with reinforced composite closed cell polymer backing.	63.19	4.91
		For >200 To 400, Deduct	*-1.00*	
		For >400 To 600, Deduct	*-1.50*	
		For >600 To 900, Deduct	*-2.70*	
		For >900 To 1500, Deduct	*-3.89*	
		For >1500 To 2200, Deduct	*-5.66*	
		For >2200 To 3500, Deduct	*-7.24*	
		For >3500, Deduct	*-8.82*	
09 68 13 00-0032	SY	22 Ounce, Patterned, Nylon Carpet Tile (Lees Ground Strata) Note: Tufted carpet tile with EcoFlex ICT backing.	54.19	4.91
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.23*	
		For >600 To 900, Deduct	*-2.25*	
		For >900 To 1500, Deduct	*-3.26*	
		For >1500 To 2200, Deduct	*-4.76*	
		For >2200 To 3500, Deduct	*-6.11*	
		For >3500, Deduct	*-7.47*	
09 68 13 00-0033	SY	20 Ounce, Patterned, Nylon Carpet Tile (Lees Parkway) Note: Tufted carpet tile with EcoFlex ICT backing.	55.81	4.91
		For >200 To 400, Deduct	*-0.85*	
		For >400 To 600, Deduct	*-1.28*	
		For >600 To 900, Deduct	*-2.33*	
		For >900 To 1500, Deduct	*-3.38*	
		For >1500 To 2200, Deduct	*-4.92*	
		For >2200 To 3500, Deduct	*-6.31*	
		For >3500, Deduct	*-7.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0034	SY	22 Ounce, Patterned, Nylon Carpet Tile (Lees Realization)	54.46	4.91
		Note: Tufted carpet tile with EcoFlex ICT backing.		
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.24*	
		For >600 To 900, Deduct	*-2.26*	
		For >900 To 1500, Deduct	*-3.28*	
		For >1500 To 2200, Deduct	*-4.78*	
		For >2200 To 3500, Deduct	*-6.15*	
		For >3500, Deduct	*-7.51*	
09 68 13 00-0035	SY	20 Ounce, Patterned, Nylon Carpet Tile (Lees Shirt)	56.08	4.91
		Note: Tufted carpet tile with EcoFlex ICT backing.		
		For >200 To 400, Deduct	*-0.86*	
		For >400 To 600, Deduct	*-1.29*	
		For >600 To 900, Deduct	*-2.34*	
		For >900 To 1500, Deduct	*-3.40*	
		For >1500 To 2200, Deduct	*-4.95*	
		For >2200 To 3500, Deduct	*-6.35*	
		For >3500, Deduct	*-7.75*	

09 68 16 Sheet Carpeting *(09 68)*

Note: Weights shown are face weight excluding backing weight and excludes padding. Demolition of carpet includes removal of glue if required. Residential carpet backing basis is for padding and commercial carpet backing is for glue down.

09 68 16 00-0001 Carpet Cushion *(09 68 16)*

09 68 16 00-0002 Carpet Pads *(09 68 16 00-0001)*

09 68 16 00-0003	SY	Foam Rubber Carpet Padding	6.05	2.23
09 68 16 00-0004	SY	Sponge Rubber Carpet Cushion	5.90	2.23
09 68 16 00-0005	SY	Urethane Carpet Cushion 1/4" Thick	5.51	2.23
09 68 16 00-0006	SY	Urethane Carpet Cushion 3/8" Thick	6.00	2.23
09 68 16 00-0007	SY	7/16" Thick, Rebonded, 6 LB/CF	5.60	2.23
09 68 16 00-0008	SY	3/8" Thick, Rebonded, 7 LB/CF	5.83	2.23
09 68 16 00-0009	SY	1/2" Thick, Rebonded, 8 LB/CF	6.15	2.23

09 68 16 00-0010 Indoor/Outdoor Carpet *(09 68 16)*

Note: Includes waterproof glue.

09 68 16 00-0011	SY	Nylon Indoor/Outdoor Carpet	26.77	4.46
09 68 16 00-0012	SY	Ozite Indoor/Outdoor Carpet	22.47	4.46

09 68 16 00-0013 Commercial Broadloom Carpet *(09 68 16)*

Note: Level-loop pile or textured-loop pile broadloom carpet.

09 68 16 00-0014 Non-Patterned Broadloom Carpet *(09 68 16 00-0013)*

09 68 16 00-0015	SY	22 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	37.28	20.17
		For Up To 15, Add	*2.69*	
		For >15 To 33, Add	*1.35*	
		For >200 To 400, Deduct	*-0.48*	
		For >400 To 600, Deduct	*-0.71*	
		For >600 To 900, Deduct	*-1.39*	
		For >900, Deduct	*-2.07*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0016	SY	24 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	37.28	20.17
		For Up To 15, Add	*2.69*	
		For >15 To 33, Add	*1.35*	
		For >200 To 400, Deduct	*-0.48*	
		For >400 To 600, Deduct	*-0.71*	
		For >600 To 900, Deduct	*-1.39*	
		For >900, Deduct	*-2.07*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0017	SY	26 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	37.28	20.17
		For Up To 15, Add	*2.69*	
		For >15 To 33, Add	*1.35*	
		For >200 To 400, Deduct	*-0.48*	
		For >400 To 600, Deduct	*-0.71*	
		For >600 To 900, Deduct	*-1.39*	
		For >900, Deduct	*-2.07*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0018	SY	28 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	40.41	21.85
		For Up To 15, Add	*2.91*	
		For >15 To 33, Add	*1.46*	
		For >200 To 400, Deduct	*-0.52*	
		For >400 To 600, Deduct	*-0.78*	
		For >600 To 900, Deduct	*-1.51*	
		For >900, Deduct	*-2.25*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0019	SY	30 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	41.14	21.85
		For Up To 15, Add	*2.91*	
		For >15 To 33, Add	*1.46*	
		For >200 To 400, Deduct	*-0.53*	
		For >400 To 600, Deduct	*-0.80*	
		For >600 To 900, Deduct	*-1.55*	
		For >900, Deduct	*-2.30*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0020	SY	32 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	41.27	21.85
		For Up To 15, Add	*2.91*	
		For >15 To 33, Add	*1.46*	
		For >200 To 400, Deduct	*-0.53*	
		For >400 To 600, Deduct	*-0.80*	
		For >600 To 900, Deduct	*-1.55*	
		For >900, Deduct	*-2.31*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0021	SY	34 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	45.29	23.53
		For Up To 15, Add	*3.14*	
		For >15 To 33, Add	*1.57*	
		For >200 To 400, Deduct	*-0.59*	
		For >400 To 600, Deduct	*-0.89*	
		For >600 To 900, Deduct	*-1.72*	
		For >900, Deduct	*-2.54*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0022	SY	36 Ounce, Heavy Traffic, Non Patterned, Nylon Broadloom Carpet	45.81	23.53
		For Up To 15, Add	*3.14*	
		For >15 To 33, Add	*1.57*	
		For >200 To 400, Deduct	*-0.60*	
		For >400 To 600, Deduct	*-0.90*	
		For >600 To 900, Deduct	*-1.74*	
		For >900, Deduct	*-2.58*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0023	SY	38 Ounce, Heavy Traffic, Non Patterned, Nylon Broadloom Carpet	46.45	23.53
		For Up To 15, Add	*3.14*	
		For >15 To 33, Add	*1.57*	
		For >200 To 400, Deduct	*-0.62*	
		For >400 To 600, Deduct	*-0.92*	
		For >600 To 900, Deduct	*-1.77*	
		For >900, Deduct	*-2.62*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	

09 68 16 00-0024 Patterned Broadloom Carpet *(09 68 16 00-0013)*

Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.

09 68 16 00-0025	SY	22 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	38.98	20.17
		For Up To 15, Add	*2.96*	
		For >15 To 33, Add	*1.48*	
		For >200 To 400, Deduct	*-0.48*	
		For >400 To 600, Deduct	*-0.73*	
		For >600 To 900, Deduct	*-1.43*	
		For >900, Deduct	*-2.14*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0026	SY	24 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	38.98	20.17
		For Up To 15, Add	*2.96*	
		For >15 To 33, Add	*1.48*	
		For >200 To 400, Deduct	*-0.48*	
		For >400 To 600, Deduct	*-0.73*	
		For >600 To 900, Deduct	*-1.43*	
		For >900, Deduct	*-2.14*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0027	SY	26 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	38.98	20.17
		For Up To 15, Add	*2.96*	
		For >15 To 33, Add	*1.48*	
		For >200 To 400, Deduct	*-0.48*	
		For >400 To 600, Deduct	*-0.73*	
		For >600 To 900, Deduct	*-1.43*	
		For >900, Deduct	*-2.14*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0028	SY	28 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	42.25	21.85
		For Up To 15, Add	*3.20*	
		For >15 To 33, Add	*1.60*	
		For >200 To 400, Deduct	*-0.52*	
		For >400 To 600, Deduct	*-0.79*	
		For >600 To 900, Deduct	*-1.55*	
		For >900, Deduct	*-2.32*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0029	SY	30 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	42.99	21.85
		For Up To 15, Add	*3.20*	
		For >15 To 33, Add	*1.60*	
		For >200 To 400, Deduct	*-0.54*	
		For >400 To 600, Deduct	*-0.81*	
		For >600 To 900, Deduct	*-1.59*	
		For >900, Deduct	*-2.37*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0030	SY	32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	43.12	21.85
		For Up To 15, Add	*3.20*	
		For >15 To 33, Add	*1.60*	
		For >200 To 400, Deduct	*-0.54*	
		For >400 To 600, Deduct	*-0.81*	
		For >600 To 900, Deduct	*-1.60*	
		For >900, Deduct	*-2.38*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0031	SY	34 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	47.30	23.53
		For Up To 15, Add	*3.45*	
		For >15 To 33, Add	*1.73*	
		For >200 To 400, Deduct	*-0.60*	
		For >400 To 600, Deduct	*-0.90*	
		For >600 To 900, Deduct	*-1.76*	
		For >900, Deduct	*-2.62*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0032	SY	36 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet	47.84	23.53
		For Up To 15, Add	*3.45*	
		For >15 To 33, Add	*1.73*	
		For >200 To 400, Deduct	*-0.61*	
		For >400 To 600, Deduct	*-0.92*	
		For >600 To 900, Deduct	*-1.79*	
		For >900, Deduct	*-2.66*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0033	SY	38 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet	48.49	23.53
		For Up To 15, Add	*3.45*	
		For >15 To 33, Add	*1.73*	
		For >200 To 400, Deduct	*-0.62*	
		For >400 To 600, Deduct	*-0.94*	
		For >600 To 900, Deduct	*-1.82*	
		For >900, Deduct	*-2.70*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0034	SY	32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet (Karastan Studded)	54.36	21.85
		For Up To 15, Add	*3.20*	
		For >15 To 33, Add	*1.60*	
		For >200 To 400, Deduct	*-0.77*	
		For >400 To 600, Deduct	*-1.15*	
		For >600 To 900, Deduct	*-2.16*	
		For >900, Deduct	*-3.16*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0035		**Carpet Accessories** *(09 68 16)*		
09 68 16 00-0036	LF	Metal Carpet Saddle Strip, Up To 4" Wide	2.88	0.66
09 68 16 00-0037		**Removal And Reinstallation Of Carpet And Pad** *(09 68 16)*		
		Note: Includes storage, cleaning and supply materials.		
09 68 16 00-0038	SY	Remove And Reinstall Carpet And Pad	28.35	
09 68 16 00-0039		**Carpeting Support Functions** *(09 68 16)*		
09 68 16 00-0040		**Relocate Partitions, Modular Work Stations** *(09 68 16 00-0039)*		
		Note: Includes disassembly and reassembly of work station. Excludes electrical disconnection or reconnection.		
09 68 16 00-0041	EA	Relocate Modular Work Station	232.14	
09 68 16 00-0042		**Installation Of Furnished Carpet** *(09 68 16)*		
09 68 16 00-0043	SY	Up To 24 Oz, Installation Of Carpet Only	11.88	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*2.34*	
		For >15 To 33, Add	*1.17*	
09 68 16 00-0044	SY	25 To 34 Oz, Installation Of Carpet Only	13.84	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*2.73*	
		For >15 To 33, Add	*1.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0045	SY	>34 Oz, Installation Of Carpet Only	16.56	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*3.27*	
		For >15 To 33, Add	*1.64*	

09 69 Access Flooring *(09 60)*

09 69 13 Rigid-Grid Access Flooring *(09 69)*

09 69 13 00-0001 Panels, No Covering *(09 69 13)*

09 69 13 00-0002	SF	2' x 2' Panels - No Covering Access And Pedestal Floors	9.30	0.66
		For Carpet Covering, Add	*2.77*	
		For Vinyl Floor Covering, Add	*1.91*	
09 69 13 00-0003	SF	2' x 2' Perforated Panels Access And Pedestal Floors	17.29	0.66
		For Carpet Covering, Add	*2.77*	
		For Vinyl Floor Covering, Add	*1.91*	
09 69 13 00-0004	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Raf Blue 7153T	16.13	0.73
09 69 13 00-0005	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Sage Brown 7777T	16.13	0.73
09 69 13 00-0006	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Moondance 6808	16.13	0.73
09 69 13 00-0007	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Mosaic 6280	16.13	0.73
09 69 13 00-0008	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST2-2 Beige Star/Brown Trim	15.26	0.73
09 69 13 00-0009	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST6-1 Gray Star/Black Trim	15.26	0.73
09 69 13 00-0010	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Raf Blue 7153T	17.21	0.73
09 69 13 00-0011	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Sage Brown 7777T	17.21	0.73
09 69 13 00-0012	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Moodance 6808	17.21	0.73
09 69 13 00-0013	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Mosaic 6280	17.21	0.73
09 69 13 00-0014	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST-2 Beige Star/Brown Trim	16.34	0.73
09 69 13 00-0015	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST6-1 Grey Star/Black Trim	16.34	0.73
09 69 13 00-0016	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST2-2 Beige Star Trim	20.64	0.73
09 69 13 00-0017	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST6-1 Gray Star Trim	20.64	0.73

09 69 13 00-0018 Pedestals *(09 69 13)*

09 69 13 00-0019	EA	Pedestal, 6" To 12" Access And Pedestal Floors	21.84	3.32
09 69 13 00-0020	EA	Standard Pedestal Assembly (8" And 12" Finished Floor Height)	16.29	0.99
09 69 13 00-0021	EA	Tate Standard Pedestal Assembly (18" And 24" Finished Floor Height)	16.83	0.99
09 69 13 00-0022	EA	Tate Standard Pedestal Assembly (30" And 36" Finished Floor Height)	19.15	0.99

09 69 13 00-0023 Stringers *(09 69 13)*

09 69 13 00-0024	LF	2' Stringers Access And Pedestal Floors	6.15	1.99
09 69 13 00-0025	LF	6' Stringers Access And Pedestal Floors	6.11	2.79
09 69 13 00-0026	EA	Tate Standard 2' Bolted Stringer	14.02	3.98
09 69 13 00-0027	EA	Tate Standard 4' Bolted Stringer	28.06	8.62

09 69 13 00-0028 Understructure *(09 69 13)*

09 69 13 00-0029	SF	Tate Standard Bolted Stringer Understructure 8" Or 12" Finished Floor Height	3.62	0.99
09 69 13 00-0030	SF	Tate Standard Bolted Stringer Understructure 18" Or 24" Finished Floor Height	3.87	0.99
09 69 13 00-0031	SF	Tate Standard Bolted Stringer Understructure 30" Or 36" Finished Floor Height	4.63	0.99

09 69 53 Access Flooring Accessories *(09 69)*

09 69 53 00-0001 Accessories *(09 69 53)*

09 69 53 00-0002	SF	Accessories, Ramp Assembly Access And Pedestal Floors	21.52	2.65
09 69 53 00-0003	LF	Accessories, Handrail Access And Pedestal Floors	34.78	4.65
09 69 53 00-0004	LF	Accessories, Fascia Plate Access And Pedestal Floors	15.48	4.65
09 69 53 00-0005	EA	Machine Cutouts	117.48	
09 69 53 00-0006	SF	Tate Tamp, Cover Step Master Slip Retard- Tile, Buckskin Or Slate	34.81	
09 69 53 00-0007	LF	Tate 2 Or 3 Riser Steps In Raised Floor System	81.95	0.33
		Note: Includes baffles, fascia plates trim and cover.		
09 69 53 00-0008	LF	Tate Handrail	65.79	2.19
09 69 53 00-0009	SF	Hammered Aluminum Finish Fascia	25.59	2.19
		Note: Includes trim angles and hardware (8", 12", 18", 24").		
09 69 53 00-0010	EA	7" x 17" Tate Lexan Floor Mounted Grille	114.21	8.29
		Note: Includes carpet trim to flush mount.		
09 69 53 00-0011	EA	Cut Hole In Raised Floor And Trim With Black 1/2" Trim Material	28.98	
09 69 53 00-0012	EA	Cut Round Hole In Raised Floor And Trim Carpet Install 4" Plastic Insert (Gromtec#GT003)	28.98	
09 69 53 00-0013	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New UTP Carpet	32.33	1.32
09 69 53 00-0014	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New HPL	39.35	1.32
09 69 53 00-0015	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL/WA Edge Trim	30.38	1.32
09 69 53 00-0016	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL Top set Trim Edge	39.34	1.32
09 69 53 00-0017	EA	Flush Mounted Electrical Box (Including Cutting Hole Trim Carpet) P/N Telo-7018-4	112.92	8.29
09 69 53 00-0018	EA	Flush Mounted Telephone Box (Grey/Black/Communications)	82.01	8.29
		Note: Includes cut hole.		
09 69 53 00-0019	EA	Flush Mounted Electrical Box (In Existing Hole) P/N Telo 7018-4	112.92	8.29
09 69 53 00-0020	EA	Flush Mounted Telephone Box (Grey/Black/Communications) (In Existing Hole) P/N Telo-7018-2	55.48	1.32
09 69 53 00-0021	EA	Remove Flush Mounted Electrical, Telephone Or Communications Floor Box In Raised Floor	6.63	

09 69 53 00-0022 Final Cleaning For Computer Room Raised Floor System *(09 69 53)*

Note: Includes wipe dirt/dust from stringers and raised floor beneath raised floor. For new or existing systems.

09 69 53 00-0023	SF	Vacuum Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath Raised Floor	2.23	
09 69 53 00-0024	SF	Vacuum/Shampoo Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath	2.29	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 69 53 00-0025	SF	Vacuum/Wet Mop Clean Raised Floor HPL Panel Wipe Dirt/Dust Stringers And Raised Floor	2.27	

09 70 Wall Finishes *(09)*

09 72 Wall Coverings *(09 70)*

09 72 13 Cork Wall Coverings *(09 72)*

09 72 13 00-0001 Cork Wall Covering *(09 72 13)*

09 72 13 00-0002	SF	1/8" Cork Wall Covering	3.76	0.69
09 72 13 00-0003	SF	1/4" Cork Wall Covering	4.50	0.69
09 72 13 00-0004	SF	1/2" Cork Wall Covering	5.09	0.69
09 72 13 00-0005	SF	3/4" Cork Wall Covering	6.80	0.69

09 72 16 Vinyl-Coated Fabric Wall Coverings *(09 72)*

09 72 16 00-0001 Vinyl Wall Coverings *(09 72 16)*

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 16 00-0002	SF	Vinyl Wall Covering, 7-10 Oz/SY	1.57	0.69
		For Owner Furnished Material, Deduct	*-0.49*	
09 72 16 00-0003	SF	Vinyl Wall Covering, 11-14 Oz/SY	1.87	0.69
		For Owner Furnished Material, Deduct	*-0.72*	
09 72 16 00-0004	SF	Vinyl Wall Covering, 20-25 Oz/SY	2.46	0.69
		For Owner Furnished Material, Deduct	*-1.03*	
09 72 16 00-0005	SF	Vinyl Wall Covering, 26-32 Oz/SY	2.76	0.69
		For Owner Furnished Material, Deduct	*-1.26*	
09 72 16 00-0006	SF	Vinyl Wall Covering, 33-38 Oz/SY	3.26	0.69
		For Owner Furnished Material, Deduct	*-1.70*	

09 72 19 Textile Wall Coverings *(09 72)*

09 72 19 00-0001 Wall Fabrics *(09 72 19)*

09 72 19 00-0002	SF	Wall Covering, Natural Fabric, Grass Cloth	3.66	0.69
09 72 19 00-0003	SF	Wall Covering, Grass Cloth	3.96	0.69
09 72 19 00-0004	SF	Wall Covering, Burlap	3.16	0.69
09 72 19 00-0005	SF	Flexible Gypsum Coated Wall Fabric, Fire Resistant	2.56	0.69
09 72 19 00-0006	SF	Acoustical Wall Cover	4.44	0.69
09 72 19 00-0007	SF	Install Owner Furnished Wall Covering Fabrics, Non-Patterned Or Repeating Pattern	1.85	0.69
09 72 19 00-0008	SF	Install Owner Furnished Wall Covering Fabrics, Patterned	2.59	0.69

09 72 19 00-0009 Natural Fiber Resilient Wallcovering *(09 72 19)*

09 72 19 00-0010	SY	Sisal Wall Covering - 48 To 54 Oz/SY With Adhesive (4', 8', 12' Widths)	51.01	4.65
		For Fire Rated Adhesive, UBC 42-2, Add	*0.11*	

09 72 23 Wallpapering *(09 72)*

09 72 23 00-0001 Wallpaper Coverings *(09 72 23)*

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 23 00-0002	SF	Average Quality Wallpaper (Standard Grade)	1.73	0.91
09 72 23 00-0003	SF	High Quality Wallpaper (Designer Grade)	2.82	1.17
09 72 23 00-0004	SF	Ceiling Paper	2.68	1.72

09 73 Wall Carpeting *(09 70)*

09 73 00 00-0001 Carpet Wall Covering *(09 73)*

09 73 00 00-0002	SY	Nylon 28 Oz Carpet	28.75	9.95
09 73 00 00-0003	SY	Nylon 32 Oz Carpet	29.29	9.95
09 73 00 00-0004	SY	Nylon 34 Oz Carpet	31.82	10.95
09 73 00 00-0005	SY	Nylon 35 Oz Carpet	33.68	11.61
09 73 00 00-0006	SY	Nylon 36 Oz Carpet	35.59	12.27
09 73 00 00-0007	SY	Nylon 38 Oz Carpet	36.24	12.27
09 73 00 00-0008	SY	Nylon 40 Oz Carpet	37.61	12.60
09 73 00 00-0009	SY	Nylon 42 Oz Carpet	39.09	12.93

09 74 Flexible Wood Sheets *(09 70)*

09 74 16 Flexible Wood Veneers *(09 74)*

09 74 16 00-0001 Walnut *(09 74 16)*

09 74 16 00-0002	SF	Walnut 1/32 In Thick Flexible Wood Veneer	7.90	2.76

09 74 16 00-0003 Exotic Wood *(09 74 16)*

09 74 16 00-0004	SF	Exotic Wood 1/32 Thick, Flexible Wood Veneer	10.57	2.76

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 79 Blast Protection Wall Surfacing *(09 70)*

09 79 00 00-0001 Blast Protection Wall System *(09 79)*

Note: Includes delivery of material to job site. Excludes Labor Tax rates in applicable states.

09 79 00 00-0002 Blast Protection Wall System (X-Flex®) *(09 79 00 00-0001)*

Note: X-Flex Blast Protection membrane was developed to keep exterior walls intact during a traumatic event such as but not limited to IED's (Improvised Explosive Device), Road-side/Car Bombs, Incendiaries, and acts of nature. Secured to walls, and to celing and floor mechanically with metal brackets, the reinforced material mitigates opportunity for debris being displaced throughout the interior. This product By Design helps prevent against catastrophic damage, loss of life and business interruption that would normally occur on unprotected structures. Contact LCG Safeguard Industries (678) 642-8665 (c) or (678) 455-0464 (o), www.lcgsafeguard.com

09 79 00 00-0003	SF	LCG X-Flex Blast Protection Film Installed On Walls Note: Minimum order quantity of 2,000 SF. Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area. Excludes lifting device for film where required. See CSI section 01 22 23 00-0753 for forklift where required.	54.76	
09 79 00 00-0004	LF	LCG X-Flex 1-5/8" x 13/16" Strut, Drill, Bit and Bolt Kit Note: Includes installation.	20.70	
09 79 00 00-0005	SF	LCG X-Flex Water-Based Primer	2.53	
09 79 00 00-0006	SF	LCG X-Flex Installation Kit	0.14	
09 79 00 00-0007	HR	LCG X-Flex Engineering Consultants Note: Excludes travel and per diem.	200.00	

09 80 Acoustic Treatment *(09)*

09 81 Acoustic Insulation *(09 80)*

09 81 16 Acoustic Blanket Insulation *(09 81)*

09 81 16 00-0001 Sound Attenuation Fire Blankets (SAFB) *(09 81 16)*

09 81 16 00-0002 2.5 PCF Density, Sound Attenuation Fire Blankets (SAFB) *(09 81 16 00-0001)*

09 81 16 00-0003	SF	1-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.30	0.24
09 81 16 00-0004	SF	2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.37	0.24
09 81 16 00-0005	SF	2-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.49	0.24
09 81 16 00-0006	SF	3" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.57	0.24
09 81 16 00-0007	SF	3-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.68	0.24
09 81 16 00-0008	SF	4" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.78	0.24
09 81 16 00-0009	SF	5" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.92	0.24
09 81 16 00-0010	SF	6" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.08	0.24

09 81 16 00-0011 4 PCF Density, Sound Attenuation Fire Blankets (SAFB) *(09 81 16 00-0001)*

09 81 16 00-0012	SF	1" Thick, 4 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.28	0.24

09 81 16 00-0013 Sound Attenuation Batts *(09 81 16)*

Note: NoiseReducer® by Certainteed, Quitezone® by Owens Corning, Sound-Shield® by Johns Mansville.

09 81 16 00-0014	SF	2-1/2" Thick, Unfaced Sound Attenuation Batt	0.80	0.32
09 81 16 00-0015	SF	3-1/2" Thick, Unfaced Sound Attenuation Batt	0.85	0.32
09 81 16 00-0016	SF	3-1/2" Thick, Kraft Faced Sound Attenuation Batt	0.87	0.32
09 81 16 00-0017	SF	5-1/2" Thick, Unfaced Sound Attenuation Batt	0.95	0.32
09 81 16 00-0018	SF	5-1/2" Thick, Kraft Faced Sound Attenuation Batt	0.98	0.32
09 81 16 00-0019	SF	6-1/4" Thick, Unfaced Sound Attenuation Batt	0.97	0.32
09 81 16 00-0020	SF	6-1/4" Thick, Kraft Faced Sound Attenuation Batt	1.00	0.32

09 82 Acoustic Sealant *(09 80)*

09 82 00 00-0001 Acoustical Sealant *(09 82)*

09 82 00 00-0002	CLF	1/4" x 1/4" Joint, Acoustical Sealant	268.91	122.20
		For Coloring, Add	*8.83*	
		For 1 Part Mildew Resistant, Add	*8.59*	
		For High-Modulus Non-Acid Curing, Add	*4.91*	
09 82 00 00-0003	CLF	1/4" x 3/8" Joint, Acoustical Sealant	294.56	130.34
		For Coloring, Add	*12.19*	
		For 1 Part Mildew Resistant, Add	*11.85*	
		For High-Modulus Non-Acid Curing, Add	*6.77*	
09 82 00 00-0004	CLF	1/4" x 1/2" Joint, Acoustical Sealant	316.28	138.49
		For Coloring, Add	*14.16*	
		For 1 Part Mildew Resistant, Add	*13.77*	
		For High-Modulus Non-Acid Curing, Add	*7.87*	
09 82 00 00-0005	CLF	3/8" x 3/8" Joint, Acoustical Sealant	331.52	138.49
		For Coloring, Add	*19.65*	
		For 1 Part Mildew Resistant, Add	*19.10*	
		For High-Modulus Non-Acid Curing, Add	*10.92*	
09 82 00 00-0006	CLF	3/8" x 1/2" Joint, Acoustical Sealant	355.58	142.57
		For Coloring, Add	*25.35*	
		For 1 Part Mildew Resistant, Add	*24.65*	
		For High-Modulus Non-Acid Curing, Add	*14.08*	
09 82 00 00-0007	CLF	1/2" x 1/2" Joint, Acoustical Sealant	392.52	146.65
		For Coloring, Add	*35.72*	
		For 1 Part Mildew Resistant, Add	*34.73*	
		For High-Modulus Non-Acid Curing, Add	*19.85*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 84 Acoustic Room Components *(09 80)*

09 84 13 Fixed Sound-Absorptive Panels *(09 84)*

09 84 13 00-0001 Sound Absorbing Panels And Attenuation Blankets *(09 84 13)*

Note: No backs, 3" thick modular, ceiling or wall hung back. Excludes ceiling suspension systems and wall furring system. See CSI section 09 22 13 00-0000 for furring, 09 53 23 00-0000 for suspended ceiling support.

09 84 13 00-0002	SF	3" Thick Perforated Steel Sound Absorbing Panel Painted, No Back With Fiberglass Or Mineral Filler	7.39	1.63
09 84 13 00-0003	SF	1" Thick Fiberglass Sound Absorbing Panels With Glass Cloth Face For Walls	10.70	1.63

09 84 13 00-0004 Sound Absorbing Acoustical Wall Panel System *(09 84 13)*

See CSI section 06 11 16 00-0118 for wood furring.

09 84 13 00-0005 Mineral Fiber, Sound Absorbing Wall Panel System (Soundsoak) *(09 84 13 00-0004)*

Note: Includes tackable surface, molding and mounting hardware for flush mount.

09 84 13 00-0006	SF	5/8" Thick Vinyl Or Non Woven Fabric Covered, Mineral Fiber, Absorbing Wall Panel System (Soundsoak)	7.51	1.83
09 84 13 00-0007	SF	5/8" Thick Woven Fabric Covered, Mineral Fiber, Sound Absorbing Wall Panel System (Soundsoak)	9.98	1.83
09 84 13 00-0008	SF	3/4" Thick Vinyl Or Non Woven Fabric Covered, Mineral Fiber, Absorbing Wall Panel System (Soundsoak)	8.09	1.83
09 84 13 00-0009	SF	3/4" Thick Woven Fabric Covered, Mineral Fiber, Sound Absorbing Wall Panel System (Soundsoak)	10.93	1.83

09 84 13 00-0010 Fiberglass, Sound Absorbing Wall Panel System (Soundsoak) *(09 84 13 00-0004)*

Note: Includes molding and mounting hardware for flush mount.

09 84 13 00-0011	SF	1" Thick Vinyl Or Non Woven Fabric Covered, Fiberglass, Sound Absorbing Wall Panel System (Soundsoak)	9.17	1.83
09 84 13 00-0012	SF	1" Thick Woven Fabric Covered, Fiberglass, Sound Absorbing Wall Panel System (Soundsoak)	11.83	1.83
09 84 13 00-0013	SF	1-1/2" Thick Vinyl Or Non Woven Fabric Covered, Fiberglass, Sound Absorbing Wall Panel System (Soundsoak)	10.69	2.03
09 84 13 00-0014	SF	1-1/2" Thick Woven Fabric Covered, Fiberglass, Sound Absorbing Wall Panel System (Soundsoak)	13.88	2.03
09 84 13 00-0015	SF	2" Thick Vinyl Or Non Woven Fabric Covered, Fiberglass, Sound Absorbing Wall Panel System (Soundsoak)	12.47	2.24
09 84 13 00-0016	SF	2" Thick Woven Fabric Covered, Fiberglass, Sound Absorbing Wall Panel System (Soundsoak)	16.33	2.24

09 84 13 00-0017 Sound Absorbing Panel, Eggcrate Style *(09 84 13)*

Note: Ceiling or wall hung back.

09 84 13 00-0018	SF	2" Thick Polyurethane Sound Wave (Eggcrate Style)	7.72
		For Pyramid Style, Add	*1.18*
09 84 13 00-0019	SF	3" Thick Polyurethane Sound Wave (Eggcrate Style)	10.14
		For Pyramid Style, Add	*1.18*
09 84 13 00-0020	SF	4" Thick Polyurethane Sound Wave (Eggcrate Style)	13.15
		For Pyramid Style, Add	*1.18*
09 84 13 00-0021	SF	2" Thick Melamine Sound Wave (Eggcrate Style)	9.91
		For Eggcrate Style With Hypalon Coating, Add	*1.97*
		For Pyramid Style, Add	*2.05*
		For Pyramid Style With Hypalon Coating, Add	*4.02*
09 84 13 00-0022	SF	3" Thick Melamine Sound Wave (Eggcrate Style)	16.90
		For Eggcrate Style With Hypalon Coating, Add	*1.97*
		For Pyramid Style, Add	*0.42*
		For Pyramid Style With Hypalon Coating, Add	*2.40*
09 84 13 00-0023	SF	4" Thick Melamine Sound Wave (Eggcrate Style)	21.35
		For Eggcrate Style With Hypalon Coating, Add	*1.97*
		For Pyramid Style, Add	*0.42*
		For Pyramid Style With Hypalon Coating, Add	*2.40*

09 90 Painting And Coating *(09)*

Note: Includes masking, safety signs, cleaning of area (dry wiping down walls, floors, doors, etc.), removal of loose paint (paint, caulk, etc.), feathering rough edges, protective work to contain dust and paint splatters (drop cloths), unless otherwise noted, removal and reinstallation of cabinet hardware, switch covers and outlet plates, equipment to place paint and ladders. New construction work additionally includes filling knots, divots, depressions, holes (screw and nail holes in drywall to 1/4" diameter of unlimited quantity). All work designated as "brush/roller" includes brush work for cut and roller work up to cut in. See CSI section 07 92 00 00-0000 for caulking where required, 09 01 20 00-0000 for severely damaged surface preparation in excess of items included above, hand scrape, pressure washing and chemical cleaning where required.

09 91 Painting *(09 90)*

Note: (Sherwin Williams)

09 91 13 Exterior Painting *(09 91)*

Note: Acrylic latex paint unless otherwise stated.

09 91 13 00-0001 Walls/Siding *(09 91 13)*

09 91 13 00-0002 Brick Surfaces *(09 91 13 00-0001)*

09 91 13 00-0003	SF	Paint Exterior Brick 1 Coat Filler, Brush Work	0.70
		For Oil Based Paint, Add	*0.04*
		For Work >20', Add	*0.15*
		Note: Applied only to work area above 20'.	
		For Up To 100, Add	*0.47*
		For >100 To 250, Add	*0.22*
		For >250 To 500, Add	*0.10*
		For >2500 To 5000, Deduct	*-0.04*
		For >5000 To 10000, Deduct	*-0.07*
		For >10000 To 20000, Deduct	*-0.11*
		For >20000, Deduct	*-0.14*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0004	SF	Paint Exterior Brick 1 Coat Paint, Brush Work	1.01	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.15*	
		For >20000, Deduct	*-0.20*	
09 91 13 00-0005	SF	Paint Exterior Brick 2 Coats Paint, Brush Work	1.44	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.14*	
		For >10000 To 20000, Deduct	*-0.22*	
		For >20000, Deduct	*-0.29*	
09 91 13 00-0006	SF	Paint Exterior Brick 1 Coat Filler, Brush/Roller Work	0.45	
		For Oil Based Paint, Add	*0.03*	
		For Work >20', Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.09*	
09 91 13 00-0007	SF	Paint Exterior Brick 1 Coat Paint, Brush/Roller Work	0.76	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	
09 91 13 00-0008	SF	Paint Exterior Brick 2 Coats Paint, Brush/Roller Work	1.11	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.11*	
		For >10000 To 20000, Deduct	*-0.17*	
		For >20000, Deduct	*-0.22*	
09 91 13 00-0009	SF	Paint Exterior Brick 1 Coat Filler, Spray	0.45	
		For Oil Based Paint, Add	*0.03*	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.09*	
09 91 13 00-0010	SF	Paint Exterior Brick 1 Coat Paint, Spray	0.43	
		For Oil Based Paint, Add	*0.03*	
		For Work >20', Add	*0.07*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.22*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.06*	
		For >20000, Deduct	*-0.09*	
09 91 13 00-0011	SF	Paint Exterior Brick 2 Coats Paint, Spray	0.95	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.14*	
		For >20000, Deduct	*-0.19*	

09 91 13 00-0012 Concrete Surface *(09 91 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0013	SF	Paint Exterior Concrete, 1 Coat Filler, Brush Work	0.59	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 13 00-0014	SF	Paint Exterior Concrete, 1 Coat Paint, Brush Work	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.05*	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 13 00-0015	SF	Paint Exterior Concrete, 2 Coats Paint, Brush Work	1.24	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.10*	
		For Work >20', Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.19*	
		For >20000, Deduct	*-0.25*	
09 91 13 00-0016	SF	Paint Exterior Concrete, 1 Coat Filler, Brush/Roller Work	0.47	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Work >20', Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.09*	
09 91 13 00-0017	SF	Paint Exterior Concrete, 1 Coat Paint, Brush/Roller Work	0.55	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.11*	
09 91 13 00-0018	SF	Paint Exterior Concrete, 2 Coats Paint, Brush/Roller Work	0.92	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Work >20', Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.14*	
		For >20000, Deduct	*-0.18*	
09 91 13 00-0019	SF	Paint Exterior Concrete, 1 Coat Filler, Spray	0.41	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.25*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.06*	
		For >20000, Deduct	*-0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0020	SF	Paint Exterior Concrete, 1 Coat Paint, Spray	0.38	
		For Oil Based Paint, Add	*0.02*	
		For Epoxy Paint, Add	*0.04*	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.24*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.06*	
		For >20000, Deduct	*-0.08*	
09 91 13 00-0021	SF	Paint Exterior Concrete, 2 Coats Paint, Spray	0.65	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	

09 91 13 00-0022 Concrete Block Surfaces *(09 91 13 00-0001)*

09 91 13 00-0023 Concrete Block, Epoxy Paint *(09 91 13 00-0022)*

09 91 13 00-0024	SF	Paint Exterior Concrete Block, 1 Coat Filler, Brush Work	0.82	
		For Work >20', Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.16*	
09 91 13 00-0025	SF	Paint Exterior Concrete Block, 1 Coat Epoxy Paint, Brush	0.95	
		For Work >20', Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.14*	
		For >20000, Deduct	*-0.19*	
09 91 13 00-0026	SF	Paint Exterior Concrete Block, 2 Coats Epoxy Paint, Brush Work	1.64	
		For Work >20', Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2500 To 5000, Deduct	*-0.08*	
		For >5000 To 10000, Deduct	*-0.16*	
		For >10000 To 20000, Deduct	*-0.25*	
		For >20000, Deduct	*-0.33*	
09 91 13 00-0027	SF	Paint Exterior Concrete Block, 1 Coat Filler, Brush/Roller Work	0.66	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 13 00-0028	SF	Paint Exterior Concrete Block, 1 Coat Epoxy Paint, Brush/Roller Work	0.74	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	
09 91 13 00-0029	SF	Paint Exterior Concrete Block, 2 Coats Epoxy Paint, Brush/Roller Work	1.29	
		For Work >20', Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.19*	
		For >20000, Deduct	*-0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0030	SF	Paint Exterior Concrete Block, 1 Coat Filler, Sprayed	0.64	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 13 00-0031	SF	Paint Exterior Concrete Block, 1 Coat Epoxy Paint, Sprayed	0.58	
		For Work >20', Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 13 00-0032	SF	Paint Exterior Concrete Block, 2 Coats Epoxy Paint, Sprayed	1.11	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.11*	
		For >10000 To 20000, Deduct	*-0.17*	
		For >20000, Deduct	*-0.22*	

09 91 13 00-0033 Concrete Block Surfaces, Acrylic Latex Paint *(09 91 13 00-0022)*

09 91 13 00-0034	SF	Paint Exterior Concrete Block, 1 Coat Filler, Brush Work	0.77	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.15*	
09 91 13 00-0035	SF	Paint Exterior Concrete Block, 1 Coat Paint, Brush Work	0.91	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.14*	
		For >20000, Deduct	*-0.18*	
09 91 13 00-0036	SF	Paint Exterior Concrete Block, 2 Coats Paint, Brush Work	1.64	
		For Oil Based Paint, Add	*0.10*	
		For Work >20', Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2500 To 5000, Deduct	*-0.08*	
		For >5000 To 10000, Deduct	*-0.16*	
		For >10000 To 20000, Deduct	*-0.25*	
		For >20000, Deduct	*-0.33*	
09 91 13 00-0037	SF	Paint Exterior Concrete Block, Texture Coat, Brush Work	1.00	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.15*	
		For >20000, Deduct	*-0.20*	
09 91 13 00-0038	SF	Paint Exterior Concrete Block, 1 Coat Filler, Brush/Roller Work	0.60	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0039	SF	Paint Exterior Concrete Block, 1 Coat Paint, Brush/Roller Work	0.77	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.15*	
09 91 13 00-0040	SF	Paint Exterior Concrete Block, 2 Coats Paint, Brush/Roller Work	1.29	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.19*	
		For >20000, Deduct	*-0.26*	
09 91 13 00-0041	SF	Paint Exterior Concrete Block, Texture Coat, Brush/Roller Work	0.85	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.17*	
09 91 13 00-0042	SF	Paint Exterior Concrete Block, 1 Coat Filler, Spray	0.58	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 13 00-0043	SF	Paint Exterior Concrete Block, 1 Coat Paint, Spray	0.59	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 13 00-0044	SF	Paint Exterior Concrete Block, 2 Coats Paint, Spray	0.94	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.14*	
		For >20000, Deduct	*-0.19*	
09 91 13 00-0045	SF	Paint Exterior Concrete Block, Texture Coat, Spray	0.76	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	

09 91 13 00-0046 Drywall/Plaster Surfaces *(09 91 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0047	SF	Paint Exterior Drywall/Plaster, 1 Coat Primer, Brush Work	0.61	
		For Oil Based Paint, Add	*0.03*	
		For Orange Peel Finish, Add	*0.09*	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 13 00-0048	SF	Paint Exterior Drywall/Plaster, 1 Coat Paint, Brush Work	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.10*	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.14*	
09 91 13 00-0049	SF	Paint Exterior Drywall/Plaster, 2 Coats Paint, Brush Work	1.24	
		For Oil Based Paint, Add	*0.07*	
		For Orange Peel Finish, Add	*0.18*	
		For Work >20', Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.19*	
		For >20000, Deduct	*-0.25*	
09 91 13 00-0050	SF	Paint Exterior Drywall/Plaster, 1 Coat Primer, Brush/Roller Work	0.47	
		For Oil Based Paint, Add	*0.03*	
		For Orange Peel Finish, Add	*0.07*	
		For Work >20', Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.09*	
09 91 13 00-0051	SF	Paint Exterior Drywall/Plaster, 1 Coat Paint, Brush/Roller Work	0.49	
		For Oil Based Paint, Add	*0.03*	
		For Orange Peel Finish, Add	*0.07*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.10*	
09 91 13 00-0052	SF	Paint Exterior Drywall/Plaster, 2 Coats Paint, Brush/Roller Work	0.90	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.13*	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.14*	
		For >20000, Deduct	*-0.18*	
09 91 13 00-0053	SF	Paint Exterior Drywall/Plaster, 1 Coat Primer, Spray	0.41	
		For Oil Based Paint, Add	*0.03*	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.25*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.06*	
		For >20000, Deduct	*-0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0054	SF	Paint Exterior Drywall/Plaster, 1 Coat Paint, Spray	0.45	
		For Oil Based Paint, Add	*0.03*	
		For Work >20', Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.09*	
09 91 13 00-0055	SF	Paint Exterior Drywall/Plaster, 2 Coats Paint, Spray	0.85	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.17*	

09 91 13 00-0056 Metal Surfaces *(09 91 13 00-0001)*

09 91 13 00-0057 Galvanized Surfaces, Galvanized Primer *(09 91 13 00-0056)*

Note: Linseed oil or acrylic latex paint.

09 91 13 00-0058	SF	Paint Exterior Galvanized Surfaces, One Coat Primer, Brush Work	0.72	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.14*	
09 91 13 00-0059	SF	Paint Exterior Galvanized Surfaces, One Coat Paint, Brush Work	0.81	
		For Work >20', Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.16*	
09 91 13 00-0060	SF	Paint Exterior Galvanized Surfaces, Two Coats Paint, Brush Work	1.44	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.14*	
		For >10000 To 20000, Deduct	*-0.22*	
		For >20000, Deduct	*-0.29*	
09 91 13 00-0061	SF	Paint Exterior Galvanized Surfaces, One Coat Primer, Brush/Roller Work	0.53	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.11*	
09 91 13 00-0062	SF	Paint Exterior Galvanized Surfaces, One Coat Paint, Brush/Roller Work	0.62	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 13 00-0063	SF	Paint Exterior Galvanized Surfaces, Two Coats Paint, Brush/Roller Work	1.14	
		For Work >20', Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.11*	
		For >10000 To 20000, Deduct	*-0.17*	
		For >20000, Deduct	*-0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0064	SF	Paint Exterior Galvanized Surfaces, One Primer, Sprayed	0.41	
		For Work >20', Add	*0.07*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.22*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.06*	
		For >20000, Deduct	*-0.08*	
09 91 13 00-0065	SF	Paint Exterior Galvanized Surfaces, One Paint, Sprayed	0.58	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 13 00-0066	SF	Paint Exterior Galvanized Surfaces, Two Coats Paint, Sprayed	0.92	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.14*	
		For >20000, Deduct	*-0.18*	

09 91 13 00-0067 Aluminum And Aluminum Alloy Surface Pretreatment Primer *(09 91 13 00-0056)*

Note: Alkyd enamel paint.

09 91 13 00-0068	SF	Paint Exterior Aluminum And Aluminum Alloy Surface, One Coat Primer, Brush Work	0.72	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.14*	
09 91 13 00-0069	SF	Paint Exterior Aluminum And Aluminum Alloy Surface, One Coat Paint, Brush Work	0.81	
		For Work >20', Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.16*	
09 91 13 00-0070	SF	Paint Exterior Aluminum And Aluminum Alloy Surface, Two Coats Paint, Brush Work	1.43	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.14*	
		For >10000 To 20000, Deduct	*-0.21*	
		For >20000, Deduct	*-0.29*	
09 91 13 00-0071	SF	Paint Exterior Aluminum And Aluminum Alloy Surface, One Coat Primer, Brush/Roller Work	0.57	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.11*	
09 91 13 00-0072	SF	Paint Exterior Aluminum And Aluminum Alloy Surface, One Coat Paint, Brush/Roller Work	0.66	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0073	SF	Paint Exterior Aluminum And Aluminum Alloy Surface, Two Coats Paint, Brush/Roller Work	1.21	
		For Work >20', Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.18*	
		For >20000, Deduct	*-0.24*	
09 91 13 00-0074	SF	Paint Exterior Aluminum And Aluminum Alloy Surface, One Coat, Sprayed	0.47	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.09*	
09 91 13 00-0075	SF	Paint Exterior Aluminum And Aluminum Alloy Surface, One Coat Paint, Sprayed	0.58	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 13 00-0076	SF	Paint Exterior Aluminum And Aluminum Alloy Surface, Two Coats Paint, Sprayed	0.92	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.14*	
		For >20000, Deduct	*-0.18*	

09 91 13 00-0077 Aluminum And Aluminum Alloy, Heat Resistant *(09 91 13 00-0056)*

09 91 13 00-0078	LF	Paint Exterior Aluminum Roof Stack With Heat Resistant Paint, One Coat Primer, Per LF Of Stack	10.51	
		For Work >20', Add	*2.46*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*7.47*	
		For >100 To 250, Add	*3.51*	
		For >250 To 500, Add	*1.51*	
		For >2500 To 5000, Deduct	*-0.53*	
		For >5000 To 10000, Deduct	*-1.05*	
		For >10000 To 20000, Deduct	*-1.58*	
		For >20000, Deduct	*-2.10*	
09 91 13 00-0079	LF	Paint Exterior Aluminum Roof Stack With Heat Resistant Paint, One Coat Paint, Per LF Of Stack	11.68	
		For Work >20', Add	*2.73*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*8.30*	
		For >100 To 250, Add	*3.90*	
		For >250 To 500, Add	*1.68*	
		For >2500 To 5000, Deduct	*-0.58*	
		For >5000 To 10000, Deduct	*-1.17*	
		For >10000 To 20000, Deduct	*-1.75*	
		For >20000, Deduct	*-2.34*	
09 91 13 00-0080	LF	Paint Exterior Aluminum Roof Stack With Heat Resistant Paint, Two Coats Paint, Per LF Of Stack	21.88	
		For Work >20', Add	*5.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*15.60*	
		For >100 To 250, Add	*7.32*	
		For >250 To 500, Add	*3.15*	
		For >2500 To 5000, Deduct	*-1.09*	
		For >5000 To 10000, Deduct	*-2.19*	
		For >10000 To 20000, Deduct	*-3.28*	
		For >20000, Deduct	*-4.38*	

09 91 13 00-0081 Corrugated Metal Surfaces *(09 91 13 00-0056)*

09 91 13 00-0082	SF	Paint Exterior Corrugated Metal Surfaces, One Primer, Sprayed	0.53	
		For Work >20', Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.11*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0083	SF	Paint Exterior Corrugated Metal Surfaces, One Paint, Sprayed	0.74	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	
09 91 13 00-0084	SF	Paint Exterior Corrugated Metal Surfaces, Two Coats Paint, Sprayed	1.19	
		For Work >20', Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.18*	
		For >20000, Deduct	*-0.24*	
09 91 13 00-0085		Stucco Surfaces *(09 91 13 00-0001)*		
09 91 13 00-0086	SF	Paint Exterior Stucco Surfaces One Coat Primer, Brush Work	1.04	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.16*	
		For >20000, Deduct	*-0.21*	
09 91 13 00-0087	SF	Paint Exterior Stucco Surfaces One Coat Paint, Brush Work	1.14	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.11*	
		For >10000 To 20000, Deduct	*-0.17*	
		For >20000, Deduct	*-0.23*	
09 91 13 00-0088	SF	Paint Exterior Stucco Surfaces, Two Coats Paint, Brush Work	2.12	
		For Oil Based Paint, Add	*0.12*	
		For Work >20', Add	*0.47*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.45*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.29*	
		For >2500 To 5000, Deduct	*-0.11*	
		For >5000 To 10000, Deduct	*-0.21*	
		For >10000 To 20000, Deduct	*-0.32*	
		For >20000, Deduct	*-0.42*	
09 91 13 00-0089	SF	Paint Exterior Stucco Surfaces One Coat Primer, Brush/Roller Work	0.78	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.16*	
09 91 13 00-0090	SF	Paint Exterior Stucco Surfaces One Coat Paint, Brush/Roller Work	0.88	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.18*	
09 91 13 00-0091	SF	Paint Exterior Stucco Surfaces, Two Coats Paint, Brush/Roller Work	1.61	
		For Oil Based Paint, Add	*0.09*	
		For Work >20', Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2500 To 5000, Deduct	*-0.08*	
		For >5000 To 10000, Deduct	*-0.16*	
		For >10000 To 20000, Deduct	*-0.24*	
		For >20000, Deduct	*-0.32*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0092	SF	Paint Exterior Stucco Surfaces One Coat Primer, Sprayed	0.67	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 13 00-0093	SF	Paint Exterior Stucco Surfaces One Coat Paint, Sprayed	0.70	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.14*	
09 91 13 00-0094	SF	Paint Exterior Stucco Surfaces, Two Coats Paint, Sprayed	1.37	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.14*	
		For >10000 To 20000, Deduct	*-0.21*	
		For >20000, Deduct	*-0.27*	

09 91 13 00-0095 Wood Surfaces *(09 91 13 00-0001)*

09 91 13 00-0096 Smooth Wood *(09 91 13 00-0095)*

Note: Includes tongue and groove, beveled, drop or board and batten siding.

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0097	SF	Paint Exterior Wood Smooth Siding, One Coat Primer, Brush Work	0.75	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	
09 91 13 00-0098	SF	Paint Exterior Wood Smooth Siding, One Coat Paint, Brush Work	0.79	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.16*	
09 91 13 00-0099	SF	Paint Exterior Wood Smooth Siding, Two Coats Paint, Brush Work	1.40	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.14*	
		For >10000 To 20000, Deduct	*-0.21*	
		For >20000, Deduct	*-0.28*	
09 91 13 00-0100	SF	Paint Exterior Wood Smooth Siding, One Coat Primer, Brush/Roller Work	0.57	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0101	SF	Paint Exterior Wood Smooth Siding, One Coat Paint, Brush/Roller Work	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 13 00-0102	SF	Paint Exterior Wood Smooth Siding, Two Coats Paint, Brush/Roller Work	1.18	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.18*	
		For >20000, Deduct	*-0.24*	
09 91 13 00-0103	SF	Paint Exterior Wood Smooth Siding, One Coat Primer, Sprayed	0.47	
		For Oil Based Paint, Add	*0.03*	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.09*	
09 91 13 00-0104	SF	Paint Exterior Wood Smooth Siding, One Coat Paint, Sprayed	0.58	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 13 00-0105	SF	Paint Exterior Wood Smooth Siding, Two Coats Paint, Sprayed	0.90	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.14*	
		For >20000, Deduct	*-0.18*	
09 91 13 00-0106		Rough Wood *(09 91 13 00-0095)*		
		Note: Includes shingles, shakes or rough sawn siding.		
09 91 13 00-0107	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, One Coat Primer, Brush Work	1.17	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.18*	
		For >20000, Deduct	*-0.23*	
09 91 13 00-0108	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, One Coat Paint, Brush Work	1.18	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.18*	
		For >20000, Deduct	*-0.24*	
09 91 13 00-0109	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, Two Coats Paint, Brush Work	2.17	
		For Oil Based Paint, Add	*0.12*	
		For Work >20', Add	*0.49*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.51*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2500 To 5000, Deduct	*-0.11*	
		For >5000 To 10000, Deduct	*-0.22*	
		For >10000 To 20000, Deduct	*-0.33*	
		For >20000, Deduct	*-0.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0110	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, One Coat Primer, Brush/Roller Work	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.15*	
		For >20000, Deduct	*-0.20*	
09 91 13 00-0111	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, One Coat Paint, Brush/Roller Work	1.07	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.11*	
		For >10000 To 20000, Deduct	*-0.16*	
		For >20000, Deduct	*-0.21*	
09 91 13 00-0112	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, Two Coats Paint, Brush/Roller Work	1.98	
		For Oil Based Paint, Add	*0.12*	
		For Work >20', Add	*0.39*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
		For >2500 To 5000, Deduct	*-0.10*	
		For >5000 To 10000, Deduct	*-0.20*	
		For >10000 To 20000, Deduct	*-0.30*	
		For >20000, Deduct	*-0.40*	
09 91 13 00-0113	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, One Coat Primer, Sprayed	0.74	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	
09 91 13 00-0114	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, One Coat Paint, Sprayed	0.84	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.17*	
09 91 13 00-0115	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, Two Coats Paint, Sprayed	1.57	
		For Oil Based Paint, Add	*0.10*	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2500 To 5000, Deduct	*-0.08*	
		For >5000 To 10000, Deduct	*-0.16*	
		For >10000 To 20000, Deduct	*-0.24*	
		For >20000, Deduct	*-0.31*	

09 91 13 00-0116 Vinyl Surfaces *(09 91 13 00-0001)*

09 91 13 00-0117	SF	Paint Exterior Vinyl Siding, One Coat Primer, Brush Work	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 13 00-0118	SF	Paint Exterior Vinyl Siding, One Coat Paint, Brush Work	0.70	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0119	SF	Paint Exterior Vinyl Siding, Two Coats Paint, Brush Work	1.27	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.19*	
		For >20000, Deduct	*-0.25*	
09 91 13 00-0120	SF	Paint Exterior Vinyl Siding, One Coat Primer, Brush/Roller Work	0.57	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.11*	
09 91 13 00-0121	SF	Paint Exterior Vinyl Siding, One Coat Paint, Brush/Roller Work	0.57	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.11*	
09 91 13 00-0122	SF	Paint Exterior Vinyl Siding, Two Coats Paint, Brush/Roller Work	1.04	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.16*	
		For >20000, Deduct	*-0.21*	
09 91 13 00-0123	SF	Paint Exterior Vinyl Siding, One Coat Primer, Sprayed	0.50	
		For Oil Based Paint, Add	*0.03*	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.10*	
09 91 13 00-0124	SF	Paint Exterior Vinyl Siding, One Coat Paint, Sprayed	0.55	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.11*	
09 91 13 00-0125	SF	Paint Exterior Vinyl Siding, Two Coats Paint, Sprayed	1.07	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.11*	
		For >10000 To 20000, Deduct	*-0.16*	
		For >20000, Deduct	*-0.21*	

09 91 13 00-0126 Ceilings *(09 91 13)*

09 91 13 00-0127 Concrete *(09 91 13 00-0126)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0128	SF	Paint Exterior Concrete Ceiling, 1 Coat Filler, Brush Work	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.14*	
09 91 13 00-0129	SF	Paint Exterior Concrete Ceiling, 1 Coat Paint, Brush Work	0.76	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	
09 91 13 00-0130	SF	Paint Exterior Concrete Ceiling, 2 Coats Paint, Brush Work	1.34	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.11*	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.20*	
		For >20000, Deduct	*-0.27*	
09 91 13 00-0131	SF	Paint Exterior Concrete Ceiling, 1 Coat Filler, Brush/Roller Work	0.51	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.10*	
09 91 13 00-0132	SF	Paint Exterior Concrete Ceiling, 1 Coat Paint, Brush/Roller Work	0.59	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 13 00-0133	SF	Paint Exterior Concrete Ceiling, 2 Coats Paint, Brush/Roller Work	1.08	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.10*	
		For Work >20', Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.11*	
		For >10000 To 20000, Deduct	*-0.16*	
		For >20000, Deduct	*-0.22*	
09 91 13 00-0134	SF	Paint Exterior Concrete Ceiling, 1 Coat Filler, Spray	0.43	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.05*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.06*	
		For >20000, Deduct	*-0.09*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0135	SF	Paint Exterior Concrete Ceiling, 1 Coat Paint, Spray	0.52	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.10*	
09 91 13 00-0136	SF	Paint Exterior Concrete Ceiling, 2 Coats Paint, Spray	0.82	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.16*	
09 91 13 00-0137		Drywall/Plaster *(09 91 13 00-0126)*		
09 91 13 00-0138	SF	Paint Exterior Drywall/Plaster Ceiling, 1 Coat Primer, Brush Work	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.10*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.14*	
09 91 13 00-0139	SF	Paint Exterior Drywall/Plaster Ceiling, 1 Coat Paint, Brush Work	0.76	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.11*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	
09 91 13 00-0140	SF	Paint Exterior Drywall/Plaster Ceiling, 2 Coats Paint, Brush Work	1.34	
		For Oil Based Paint, Add	*0.07*	
		For Orange Peel Finish, Add	*0.19*	
		For Epoxy Paint, Add	*0.11*	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.20*	
		For >20000, Deduct	*-0.27*	
09 91 13 00-0141	SF	Paint Exterior Drywall/Plaster Ceiling, 1 Coat Primer, Brush/Roller Work	0.50	
		For Oil Based Paint, Add	*0.03*	
		For Orange Peel Finish, Add	*0.07*	
		For Epoxy Paint, Add	*0.05*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.10*	
09 91 13 00-0142	SF	Paint Exterior Drywall/Plaster Ceiling, 1 Coat Paint, Brush/Roller Work	0.59	
		For Oil Based Paint, Add	*0.03*	
		For Orange Peel Finish, Add	*0.08*	
		For Epoxy Paint, Add	*0.05*	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0143	SF	Paint Exterior Drywall/Plaster Ceiling, 2 Coats Paint, Brush/Roller Work	1.08	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.15*	
		For Epoxy Paint, Add	*0.10*	
		For Work >20', Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.11*	
		For >10000 To 20000, Deduct	*-0.16*	
		For >20000, Deduct	*-0.22*	
09 91 13 00-0144	SF	Paint Exterior Drywall/Plaster Ceiling, 1 Coat Primer, Spray	0.42	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.06*	
		For >20000, Deduct	*-0.08*	
09 91 13 00-0145	SF	Paint Exterior Drywall/Plaster Ceiling, 1 Coat Paint, Spray	0.53	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.11*	
09 91 13 00-0146	SF	Paint Exterior Drywall/Plaster Ceiling, 2 Coats Paint, Spray	0.83	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Work >20', Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.17*	

09 91 13 00-0147 Wood *(09 91 13 00-0126)*

09 91 13 00-0148 Smooth Wood *(09 91 13 00-0147)*

Note: Includes tongue and groove, beveled, drop or board and batten siding.

09 91 13 00-0149	SF	Paint Exterior Wood Smooth Ceiling, One Coat Primer, Brush Work	0.83	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.17*	
09 91 13 00-0150	SF	Paint Exterior Wood Smooth Ceiling, One Coat Paint, Brush Work	0.87	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.17*	
09 91 13 00-0151	SF	Paint Exterior Wood Smooth Ceiling, Two Coats Paint, Brush Work	1.57	
		For Oil Based Paint, Add	*0.09*	
		For Work >20', Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2500 To 5000, Deduct	*-0.08*	
		For >5000 To 10000, Deduct	*-0.16*	
		For >10000 To 20000, Deduct	*-0.24*	
		For >20000, Deduct	*-0.31*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0152	SF	Paint Exterior Wood Smooth Ceiling, One Coat Primer, Brush/Roller Work	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 13 00-0153	SF	Paint Exterior Wood Smooth Ceiling, One Coat Paint, Brush/Roller Work	0.72	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.14*	
09 91 13 00-0154	SF	Paint Exterior Wood Smooth Ceiling, Two Coats Paint, Brush/Roller Work	1.26	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.19*	
		For >20000, Deduct	*-0.25*	
09 91 13 00-0155	SF	Paint Exterior Wood Smooth Ceiling, One Coat Primer, Sprayed	0.54	
		For Oil Based Paint, Add	*0.03*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.11*	
09 91 13 00-0156	SF	Paint Exterior Wood Smooth Ceiling, One Coat Paint, Sprayed	0.54	
		For Oil Based Paint, Add	*0.03*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.11*	
09 91 13 00-0157	SF	Paint Exterior Wood Smooth Ceiling, Two Coats Paint, Sprayed	0.97	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.15*	
		For >20000, Deduct	*-0.19*	

09 91 13 00-0158 Rough Wood *(09 91 13 00-0147)*

Note: Includes shingles, shakes or rough sawn siding.

09 91 13 00-0159	SF	Paint Exterior Wood Rough Ceiling, One Coat Primer, Brush Work	1.24	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.19*	
		For >20000, Deduct	*-0.25*	
09 91 13 00-0160	SF	Paint Exterior Wood Rough Ceiling, One Coat Paint, Brush Work	1.31	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.20*	
		For >20000, Deduct	*-0.26*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0161	SF	Paint Exterior Wood Rough Ceiling, Two Coats Paint, Brush Work	2.26	
		For Oil Based Paint, Add	*0.12*	
		For Work >20', Add	*0.52*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.58*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
		For >2500 To 5000, Deduct	*-0.11*	
		For >5000 To 10000, Deduct	*-0.23*	
		For >10000 To 20000, Deduct	*-0.34*	
		For >20000, Deduct	*-0.45*	
09 91 13 00-0162	SF	Paint Exterior Wood Rough Ceiling, One Coat Primer, Brush/Roller Work	1.07	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.11*	
		For >10000 To 20000, Deduct	*-0.16*	
		For >20000, Deduct	*-0.21*	
09 91 13 00-0163	SF	Paint Exterior Wood Rough Ceiling, One Coat Paint, Brush/Roller Work	1.16	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.17*	
		For >20000, Deduct	*-0.23*	
09 91 13 00-0164	SF	Paint Exterior Wood Rough Ceiling, Two Coats Paint, Brush/Roller Work	2.06	
		For Oil Based Paint, Add	*0.13*	
		For Work >20', Add	*0.41*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.27*	
		For >2500 To 5000, Deduct	*-0.10*	
		For >5000 To 10000, Deduct	*-0.21*	
		For >10000 To 20000, Deduct	*-0.31*	
		For >20000, Deduct	*-0.41*	
09 91 13 00-0165	SF	Paint Exterior Wood Rough Ceiling, One Coat Primer, Sprayed	0.84	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.17*	
09 91 13 00-0166	SF	Paint Exterior Wood Rough Ceiling, One Coat Paint, Sprayed	0.95	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.14*	
		For >20000, Deduct	*-0.19*	
09 91 13 00-0167	SF	Paint Exterior Wood Rough Ceiling, Two Coats Paint, Sprayed	1.69	
		For Oil Based Paint, Add	*0.10*	
		For Work >20', Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2500 To 5000, Deduct	*-0.08*	
		For >5000 To 10000, Deduct	*-0.17*	
		For >10000 To 20000, Deduct	*-0.25*	
		For >20000, Deduct	*-0.34*	

09 91 13 00-0168 Metal *(09 91 13 00-0126)*

09 91 13 00-0169 Galvanized Surfaces, Galvanized Primer *(09 91 13 00-0168)*
Note: Linseed oil or acrylic latex paint.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0170	SF	Paint Exterior Galvanized Ceiling, One Coat Primer, Brush Work	0.81	
		For Work >20', Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.16*	
09 91 13 00-0171	SF	Paint Exterior Galvanized Ceiling, One Coat Paint, Brush Work	0.89	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.18*	
09 91 13 00-0172	SF	Paint Exterior Galvanized Ceiling, Two Coats Paint, Brush Work	1.60	
		For Work >20', Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2500 To 5000, Deduct	*-0.08*	
		For >5000 To 10000, Deduct	*-0.16*	
		For >10000 To 20000, Deduct	*-0.24*	
		For >20000, Deduct	*-0.32*	
09 91 13 00-0173	SF	Paint Exterior Galvanized Ceiling, One Coat Primer, Brush/Roller Work	0.62	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 13 00-0174	SF	Paint Exterior Galvanized Ceiling, One Coat Paint, Brush/Roller Work	0.70	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.14*	
09 91 13 00-0175	SF	Paint Exterior Galvanized Ceiling, Two Coats Paint, Brush/Roller Work	1.21	
		For Work >20', Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.18*	
		For >20000, Deduct	*-0.24*	
09 91 13 00-0176	SF	Paint Exterior Galvanized Ceiling, One Primer, Sprayed	0.58	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 13 00-0177	SF	Paint Exterior Galvanized Ceiling, One Paint, Sprayed	0.58	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 13 00-0178	SF	Paint Exterior Galvanized Ceiling, Two Coats Paint, Sprayed	1.04	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.16*	
		For >20000, Deduct	*-0.21*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0179		Aluminum And Aluminum Alloy Surface Pretreatment Primer *(09 91 13 00-0168)*		
		Note: Alkyd enamel paint.		
09 91 13 00-0180	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, One Coat Primer, Brush Work	0.81	
		For Work >20', Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.16*	
09 91 13 00-0181	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, One Coat Paint, Brush Work	0.89	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.18*	
09 91 13 00-0182	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, Two Coats Paint, Brush Work	1.60	
		For Work >20', Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2500 To 5000, Deduct	*-0.08*	
		For >5000 To 10000, Deduct	*-0.16*	
		For >10000 To 20000, Deduct	*-0.24*	
		For >20000, Deduct	*-0.32*	
09 91 13 00-0183	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, One Coat Primer, Brush/Roller Work	0.66	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 13 00-0184	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, One Coat Paint, Brush/Roller Work	0.74	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	
09 91 13 00-0185	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, Two Coats Paint, Brush/Roller Work	1.29	
		For Work >20', Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.19*	
		For >20000, Deduct	*-0.26*	
09 91 13 00-0186	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, One Coat, Sprayed	0.58	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 13 00-0187	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, One Coat Paint, Sprayed	0.58	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0188	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, Two Coats Paint, Sprayed	1.04	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.16*	
		For >20000, Deduct	*-0.21*	

09 91 13 00-0189 Corrugated Metal Surfaces *(09 91 13 00-0168)*

09 91 13 00-0190	SF	Paint Exterior Corrugated Metal Ceiling, One Primer, Sprayed	0.63	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.13*	
09 91 13 00-0191	SF	Paint Exterior Corrugated Metal Ceiling, One Paint, Sprayed	0.74	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	
09 91 13 00-0192	SF	Paint Exterior Corrugated Metal Ceiling, Two Coats Paint, Sprayed	1.32	
		For Work >20', Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.20*	
		For >20000, Deduct	*-0.26*	

09 91 13 00-0193 Floors *(09 91 13)*

09 91 13 00-0194 Concrete *(09 91 13 00-0193)*

09 91 13 00-0195	SF	Paint Exterior Concrete Floors And Decks, One Coat Primer, Brush Work	0.51	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.10*	
09 91 13 00-0196	SF	Paint Exterior Concrete Floors And Decks, One Coat Paint, Brush Work	0.58	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 13 00-0197	SF	Paint Exterior Concrete Floors And Decks, Two Coats Paint, Brush Work	1.08	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.11*	
		For >10000 To 20000, Deduct	*-0.16*	
		For >20000, Deduct	*-0.22*	
09 91 13 00-0198	SF	Paint Exterior Concrete Floors And Decks, One Coat Primer, Brush/Roller Work	0.41	
		For Oil Based Paint, Add	*0.02*	
		For Epoxy Paint, Add	*0.04*	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.06*	
		For >20000, Deduct	*-0.08*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0199	SF	Paint Exterior Concrete Floors And Decks, One Coat Paint, Brush/Roller Work	0.50	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.10*	
09 91 13 00-0200	SF	Paint Exterior Concrete Floors And Decks, Two Coats Paint, Brush/Roller Work	0.81	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.16*	
09 91 13 00-0201	SF	Paint Exterior Concrete Floors And Decks, One Coat Primer, Sprayed	0.32	
		For Oil Based Paint, Add	*0.02*	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.18*	
		For >100 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.04*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.03*	
		For >10000 To 20000, Deduct	*-0.05*	
		For >20000, Deduct	*-0.06*	
09 91 13 00-0202	SF	Paint Exterior Concrete Floors And Decks, One Coat Paint, Sprayed	0.41	
		For Oil Based Paint, Add	*0.02*	
		For Epoxy Paint, Add	*0.04*	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.06*	
		For >20000, Deduct	*-0.08*	
09 91 13 00-0203	SF	Paint Exterior Concrete Floors And Decks, Two Coats Paint, Sprayed	0.72	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.14*	
09 91 13 00-0204	SF	Paint Exterior Concrete Floors And Decks, One Coat Non Slip Paint, Brush Work	1.29	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.19*	
		For >20000, Deduct	*-0.26*	
09 91 13 00-0205	SF	Paint Exterior Concrete Floors And Decks, One Coat Non Slip Epoxy Coating, Brush Work	3.38	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.22*	
		For >2500 To 5000, Deduct	*-0.17*	
		For >5000 To 10000, Deduct	*-0.34*	
		For >10000 To 20000, Deduct	*-0.51*	
		For >20000, Deduct	*-0.68*	

09 91 13 00-0206 Wood *(09 91 13 00-0193)*

09 91 13 00-0207	SF	Paint Exterior Wood Floors And Decks, One Coat Primer, Brush Work	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 13 00-0208	SF	Paint Exterior Wood Floors And Decks, One Coat Paint, Brush Work	0.70	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0209	SF	Paint Exterior Wood Floors And Decks, Two Coats Paint, Brush Work	1.30	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.20*	
		For >20000, Deduct	*-0.26*	
09 91 13 00-0210	SF	Paint Exterior Wood Floors And Decks, One Coat Primer, Brush/Roller Work	0.57	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.11*	
09 91 13 00-0211	SF	Paint Exterior Wood Floors And Decks, One Coat Paint, Brush/Roller Work	0.55	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.11*	
09 91 13 00-0212	SF	Paint Exterior Wood Floors And Decks, Two Coats Paint, Brush/Roller Work	1.01	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.15*	
		For >20000, Deduct	*-0.20*	
09 91 13 00-0213	SF	Paint Exterior Wood Floors And Decks, One Coat Primer, Sprayed	0.43	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.05*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.06*	
		For >20000, Deduct	*-0.09*	
09 91 13 00-0214	SF	Paint Exterior Wood Floors And Decks, One Coat Paint, Sprayed	0.43	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.05*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.06*	
		For >20000, Deduct	*-0.09*	
09 91 13 00-0215	SF	Paint Exterior Wood Floors And Decks, Two Coats Paint, Sprayed	0.85	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.17*	
09 91 13 00-0216	SF	Paint Exterior Wood Floors And Decks, One Coat Non Slip Paint, Brush Work	1.29	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.19*	
		For >20000, Deduct	*-0.26*	
09 91 13 00-0217	SF	Paint Exterior Wood Floors And Decks, One Coat Non Slip Epoxy Coating, Brush Work	3.38	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.22*	
		For >2500 To 5000, Deduct	*-0.17*	
		For >5000 To 10000, Deduct	*-0.34*	
		For >10000 To 20000, Deduct	*-0.51*	
		For >20000, Deduct	*-0.68*	

09 91 13 00-0218 Doors And Windows *(09 91 13)*

09 91 13 00-0219 Frames *(09 91 13 00-0218)*

09 91 13 00-0220	LF	Paint Wood Door Frame And Trim, 1 Coat Primer, Brush/Roller Work	0.88	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.23*	
09 91 13 00-0221	LF	Paint Wood Door Frame And Trim, 1 Coat Paint, Brush/Roller Work	1.15	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.30*	
09 91 13 00-0222	LF	Paint Wood Door Frame And Trim, 2 Coats Paint, Brush/Roller Work	1.94	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0223	LF	Paint Metal Door Frame And Trim, 1 Coat Primer, Brush/Roller Work	0.87	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.23*	
09 91 13 00-0224	LF	Paint Metal Door Frame And Trim, 1 Coat Paint, Brush/Roller Work	1.14	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.29*	
09 91 13 00-0225	LF	Paint Metal Door Frame And Trim, 2 Coats Paint, Brush/Roller Work	1.93	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.50*	
09 91 13 00-0226		Steel Doors *(09 91 13 00-0218)*		
09 91 13 00-0227	EA	Paint Exterior Door, One Face, 1 Coat Primer, Brush/Roller Work	32.77	
		For Half Louvered Door, Add	*3.72*	
		For Full Louvered Door, Add	*6.20*	
		For Electrostatic Painting, Add	*4.47*	
		For >5 To 10, Deduct	*-1.64*	
		For >10 To 25, Deduct	*-3.28*	
		For >25, Deduct	*-4.92*	
09 91 13 00-0228	EA	Paint Exterior Door, One Face, 1 Coat Paint, Brush/Roller Work	32.77	
		For Half Louvered Door, Add	*3.72*	
		For Full Louvered Door, Add	*6.20*	
		For Electrostatic Painting, Add	*4.47*	
		For >5 To 10, Deduct	*-1.64*	
		For >10 To 25, Deduct	*-3.28*	
		For >25, Deduct	*-4.92*	
09 91 13 00-0229	EA	Paint Exterior Door, One Face, 2 Coats Paint, Brush/Roller Work	57.72	
		For Half Louvered Door, Add	*6.28*	
		For Full Louvered Door, Add	*10.47*	
		For Electrostatic Painting, Add	*8.15*	
		For >5 To 10, Deduct	*-2.89*	
		For >10 To 25, Deduct	*-5.77*	
		For >25, Deduct	*-8.66*	
09 91 13 00-0230	EA	Paint Exterior Door, Both Faces, 1 Coat Primer, Brush/Roller Work	58.79	
		For Half Louvered Door, Add	*6.67*	
		For Full Louvered Door, Add	*11.11*	
		For Electrostatic Painting, Add	*8.03*	
		For >5 To 10, Deduct	*-2.94*	
		For >10 To 25, Deduct	*-5.88*	
		For >25, Deduct	*-8.82*	
09 91 13 00-0231	EA	Paint Exterior Door, Both Faces, 1 Coat Paint, Brush/Roller Work	58.79	
		For Half Louvered Door, Add	*6.67*	
		For Full Louvered Door, Add	*11.11*	
		For Electrostatic Painting, Add	*8.03*	
		For >5 To 10, Deduct	*-2.94*	
		For >10 To 25, Deduct	*-5.88*	
		For >25, Deduct	*-8.82*	
09 91 13 00-0232	EA	Paint Exterior Door, Both Faces, 2 Coats Paint, Brush/Roller Work	103.88	
		For Half Louvered Door, Add	*11.28*	
		For Full Louvered Door, Add	*18.80*	
		For Electrostatic Painting, Add	*14.69*	
		For >5 To 10, Deduct	*-5.19*	
		For >10 To 25, Deduct	*-10.39*	
		For >25, Deduct	*-15.58*	
09 91 13 00-0233	EA	Paint Exterior Door, One Face, 1 Coat Primer, Spray	25.30	
		For Half Louvered Door, Add	*2.48*	
		For Full Louvered Door, Add	*4.13*	
		For Electrostatic Painting, Add	*3.85*	
		For >5 To 10, Deduct	*-1.27*	
		For >10 To 25, Deduct	*-2.53*	
		For >25, Deduct	*-3.80*	
09 91 13 00-0234	EA	Paint Exterior Door, One Face, 1 Coat Paint, Spray	25.30	
		For Half Louvered Door, Add	*2.48*	
		For Full Louvered Door, Add	*4.13*	
		For Electrostatic Painting, Add	*3.85*	
		For >5 To 10, Deduct	*-1.27*	
		For >10 To 25, Deduct	*-2.53*	
		For >25, Deduct	*-3.80*	
09 91 13 00-0235	EA	Paint Exterior Door, One Face, 2 Coats Paint, Spray	45.35	
		For Half Louvered Door, Add	*4.19*	
		For Full Louvered Door, Add	*6.98*	
		For Electrostatic Painting, Add	*7.15*	
		For >5 To 10, Deduct	*-2.27*	
		For >10 To 25, Deduct	*-4.54*	
		For >25, Deduct	*-6.80*	
09 91 13 00-0236	EA	Paint Exterior Door, Both Faces, 1 Coat Primer, Spray	45.40	
		For Half Louvered Door, Add	*4.44*	
		For Full Louvered Door, Add	*7.41*	
		For Electrostatic Painting, Add	*6.91*	
		For >5 To 10, Deduct	*-2.27*	
		For >10 To 25, Deduct	*-4.54*	
		For >25, Deduct	*-6.81*	
09 91 13 00-0237	EA	Paint Exterior Door, Both Faces, 1 Coat Paint, Spray	45.40	
		For Half Louvered Door, Add	*4.44*	
		For Full Louvered Door, Add	*7.41*	
		For Electrostatic Painting, Add	*6.91*	
		For >5 To 10, Deduct	*-2.27*	
		For >10 To 25, Deduct	*-4.54*	
		For >25, Deduct	*-6.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0238	EA	Paint Exterior Door, Both Faces, 2 Coats Paint, Spray	81.68	
		For Half Louvered Door, Add	*7.52*	
		For Full Louvered Door, Add	*12.53*	
		For Electrostatic Painting, Add	*12.90*	
		For >5 To 10, Deduct	*-4.08*	
		For >10 To 25, Deduct	*-8.17*	
		For >25, Deduct	*-12.25*	
09 91 13 00-0239	SF	Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Brush/Roller Work	1.83	
		For Electrostatic Painting, Add	*0.20*	
09 91 13 00-0240	SF	Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Brush/Roller Work	1.88	
		For Electrostatic Painting, Add	*0.22*	
09 91 13 00-0241	SF	Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Brush/Roller Work	3.91	
		For Electrostatic Painting, Add	*0.44*	
09 91 13 00-0242	SF	Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Sprayed	2.13	
		For Electrostatic Painting, Add	*0.23*	
09 91 13 00-0243	SF	Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Sprayed	2.18	
		For Electrostatic Painting, Add	*0.25*	
09 91 13 00-0244	SF	Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Sprayed	4.22	
		For Electrostatic Painting, Add	*0.47*	

09 91 13 00-0245 Wood Doors *(09 91 13 00-0218)*

09 91 13 00-0246	EA	Paint Exterior Door, One Face, 1 Coat Primer, Brush/Roller Work	32.77	
		For Half Louvered Door, Add	*3.72*	
		For Full Louvered Door, Add	*6.20*	
		For >5 To 10, Deduct	*-1.64*	
		For >10 To 25, Deduct	*-3.28*	
		For >25, Deduct	*-4.92*	
09 91 13 00-0247	EA	Paint Exterior Door, One Face, 1 Coat Paint, Brush/Roller Work	32.77	
		For Half Louvered Door, Add	*3.72*	
		For Full Louvered Door, Add	*6.20*	
		For >5 To 10, Deduct	*-1.64*	
		For >10 To 25, Deduct	*-3.28*	
		For >25, Deduct	*-4.92*	
09 91 13 00-0248	EA	Paint Exterior Door, One Face, 2 Coats Paint, Brush/Roller Work	57.72	
		For Half Louvered Door, Add	*6.28*	
		For Full Louvered Door, Add	*10.47*	
		For >5 To 10, Deduct	*-2.89*	
		For >10 To 25, Deduct	*-5.77*	
		For >25, Deduct	*-8.66*	
09 91 13 00-0249	EA	Paint Exterior Door, Both Faces, 1 Coat Primer, Brush/Roller Work	58.79	
		For Half Louvered Door, Add	*6.67*	
		For Full Louvered Door, Add	*11.11*	
		For >5 To 10, Deduct	*-2.94*	
		For >10 To 25, Deduct	*-5.88*	
		For >25, Deduct	*-8.82*	
09 91 13 00-0250	EA	Paint Exterior Door, Both Faces, 1 Coat Paint, Brush/Roller Work	58.79	
		For Half Louvered Door, Add	*6.67*	
		For Full Louvered Door, Add	*11.11*	
		For >5 To 10, Deduct	*-2.94*	
		For >10 To 25, Deduct	*-5.88*	
		For >25, Deduct	*-8.82*	
09 91 13 00-0251	EA	Paint Exterior Door, Both Faces, 2 Coats Paint, Brush/Roller Work	103.88	
		For Half Louvered Door, Add	*11.28*	
		For Full Louvered Door, Add	*18.80*	
		For >5 To 10, Deduct	*-5.19*	
		For >10 To 25, Deduct	*-10.39*	
		For >25, Deduct	*-15.58*	
09 91 13 00-0252	EA	Paint Exterior Door, One Face, 1 Coat Primer, Spray	25.30	
		For Half Louvered Door, Add	*2.48*	
		For Full Louvered Door, Add	*4.13*	
		For >5 To 10, Deduct	*-1.27*	
		For >10 To 25, Deduct	*-2.53*	
		For >25, Deduct	*-3.80*	
09 91 13 00-0253	EA	Paint Exterior Door, One Face, 1 Coat Paint, Spray	25.30	
		For Half Louvered Door, Add	*2.48*	
		For Full Louvered Door, Add	*4.13*	
		For >5 To 10, Deduct	*-1.27*	
		For >10 To 25, Deduct	*-2.53*	
		For >25, Deduct	*-3.80*	
09 91 13 00-0254	EA	Paint Exterior Door, One Face, 2 Coats Paint, Spray	45.37	
		For Half Louvered Door, Add	*4.19*	
		For Full Louvered Door, Add	*6.98*	
		For >5 To 10, Deduct	*-2.27*	
		For >10 To 25, Deduct	*-4.54*	
		For >25, Deduct	*-6.81*	
09 91 13 00-0255	EA	Paint Exterior Door, Both Faces, 1 Coat Primer, Spray	45.40	
		For Half Louvered Door, Add	*4.44*	
		For Full Louvered Door, Add	*7.41*	
		For >5 To 10, Deduct	*-2.27*	
		For >10 To 25, Deduct	*-4.54*	
		For >25, Deduct	*-6.81*	
09 91 13 00-0256	EA	Paint Exterior Door, Both Faces, 1 Coat Paint, Spray	45.40	
		For Half Louvered Door, Add	*4.44*	
		For Full Louvered Door, Add	*7.41*	
		For >5 To 10, Deduct	*-2.27*	
		For >10 To 25, Deduct	*-4.54*	
		For >25, Deduct	*-6.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0257	EA	Paint Exterior Door, Both Faces, 2 Coats Paint, Spray	81.68	
		For Half Louvered Door, Add	*7.52*	
		For Full Louvered Door, Add	*12.53*	
		For >5 To 10, Deduct	*-4.08*	
		For >10 To 25, Deduct	*-8.17*	
		For >25, Deduct	*-12.25*	
09 91 13 00-0258	SF	Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Brush/Roller Work	1.85	
09 91 13 00-0259	SF	Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Brush/Roller Work	1.88	
09 91 13 00-0260	SF	Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Brush/Roller Work	3.91	
09 91 13 00-0261	SF	Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Sprayed	2.13	
09 91 13 00-0262	SF	Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Sprayed	2.18	
09 91 13 00-0263	SF	Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Sprayed	4.22	

09 91 13 00-0264 Steel Windows *(09 91 13 00-0218)*

Note: Two finish coats paint over rust inhibitive primer.

09 91 13 00-0265	EA	Paint Exterior Windows Including Trim, Window Size Up To 8 SF	60.86	
		For Electrostatic Painting, Add	*6.88*	
		For >5 To 10, Deduct	*-3.04*	
		For >10 To 25, Deduct	*-6.09*	
		For >25, Deduct	*-9.13*	
09 91 13 00-0266	EA	Paint Exterior Windows Including Trim, Window Size 9 SF To 14 SF	72.29	
		For Electrostatic Painting, Add	*8.46*	
		For >5 To 10, Deduct	*-3.61*	
		For >10 To 25, Deduct	*-7.23*	
		For >25, Deduct	*-10.84*	
09 91 13 00-0267	EA	Paint Exterior Windows Including Trim, Window Size 15 SF To 20 SF	97.10	
		For Electrostatic Painting, Add	*11.45*	
		For >5 To 10, Deduct	*-4.86*	
		For >10 To 25, Deduct	*-9.71*	
		For >25, Deduct	*-14.57*	
09 91 13 00-0268	EA	Paint Exterior Windows Including Trim, Window Size 21 SF To 26 SF	109.31	
		For Electrostatic Painting, Add	*12.90*	
		For >5 To 10, Deduct	*-5.47*	
		For >10 To 25, Deduct	*-10.93*	
		For >25, Deduct	*-16.40*	
09 91 13 00-0269	EA	Paint Exterior Windows Including Trim, Window Size 27 SF To 34 SF	121.31	
		For Electrostatic Painting, Add	*14.30*	
		For >5 To 10, Deduct	*-6.07*	
		For >10 To 25, Deduct	*-12.13*	
		For >25, Deduct	*-18.20*	
09 91 13 00-0270	SF	Paint Exterior Windows Including Trim, Window Size Over 34 SF	3.85	
		For Electrostatic Painting, Add	*0.45*	

09 91 13 00-0271 Wood Windows *(09 91 13 00-0218)*

Note: Two finish coats paint over primer.

09 91 13 00-0272	EA	Paint Exterior Windows Including Trim, Window Size Up To 8 SF	60.86	
		For >5 To 10, Deduct	*-3.04*	
		For >10 To 25, Deduct	*-6.09*	
		For >25, Deduct	*-9.13*	
09 91 13 00-0273	EA	Paint Exterior Windows Including Trim, Window Size 9 SF To 14 SF	72.29	
		For >5 To 10, Deduct	*-3.61*	
		For >10 To 25, Deduct	*-7.23*	
		For >25, Deduct	*-10.84*	
09 91 13 00-0274	EA	Paint Exterior Windows Including Trim, Window Size 15 SF To 20 SF	97.10	
		For >5 To 10, Deduct	*-4.86*	
		For >10 To 25, Deduct	*-9.71*	
		For >25, Deduct	*-14.57*	
09 91 13 00-0275	EA	Paint Exterior Windows Including Trim, Window Size 21 SF To 26 SF	109.31	
		For >5 To 10, Deduct	*-5.47*	
		For >10 To 25, Deduct	*-10.93*	
		For >25, Deduct	*-16.40*	
09 91 13 00-0276	EA	Paint Exterior Windows Including Trim, Window Size 27 SF To 34 SF	121.31	
		For >5 To 10, Deduct	*-6.07*	
		For >10 To 25, Deduct	*-12.13*	
		For >25, Deduct	*-18.20*	
09 91 13 00-0277	SF	Paint Exterior Windows Including Trim, Window Size Over 34 SF	4.08	

09 91 13 00-0278 Security Screens *(09 91 13 00-0218)*

09 91 13 00-0279	SF	Paint Security Screen, 1 Coat Primer, Brush/Roller Work	1.14	
		For Electrostatic Painting, Add	*0.13*	
09 91 13 00-0280	SF	Paint Security Screen, 1 Coat Paint, Brush/Roller Work	1.22	
		For Electrostatic Painting, Add	*0.13*	
09 91 13 00-0281	SF	Paint Security Screen, 2 Coats Paint, Brush/Roller Work	2.00	
		For Electrostatic Painting, Add	*0.22*	

09 91 13 00-0282 Window Guards *(09 91 13 00-0218)*

09 91 13 00-0283	SF	Paint Window Guards, 1 Coat Primer, Brush/Roller Work	1.14	
09 91 13 00-0284	SF	Paint Window Guards, 1 Coat Paint, Brush/Roller Work	1.22	
09 91 13 00-0285	SF	Paint Window Guards, 2 Coats Paint, Brush/Roller Work	2.00	

09 91 13 00-0286 Window Trim *(09 91 13 00-0218)*

09 91 13 00-0287	LF	Paint Wood Window Frame, 1 Coat Primer, Brush/Roller Work	1.04	
09 91 13 00-0288	LF	Paint Wood Window Frame, 1 Coat Paint, Brush/Roller Work	1.04	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0289	LF	Paint Wood Window Frame, 2 Coats Paint, Brush/Roller Work	1.19	
09 91 13 00-0290	LF	Paint Metal Window Frame, 1 Coat Primer, Brush/Roller Work	1.09	
09 91 13 00-0291	LF	Paint Metal Window Frame, 1 Coat Paint, Brush/Roller Work	1.09	
09 91 13 00-0292	LF	Paint Metal Window Frame, 2 Coats Paint, Brush/Roller Work	1.30	

09 91 13 00-0293 Roofing *(09 91 13)*

09 91 13 00-0294 Wood, Stain And Seal *(09 91 13 00-0293)*

09 91 13 00-0295	SF	Stain And Seal Shingles/Shake, 1 Coat	1.37	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
09 91 13 00-0296	SF	Stain And Seal Shingles/Shake, 2 Coats	2.53	
		For Up To 100, Add	*1.49*	
		For >100 To 250, Add	*0.72*	
		For >250 To 500, Add	*0.31*	

09 91 13 00-0297 Metal *(09 91 13 00-0293)*

09 91 13 00-0298	SF	Paint Metal Roof, 1 Coat Paint	0.56	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0299	SF	Paint Metal Roof, 2 Coats Paint	0.98	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	

09 91 13 00-0300 Fascia Board *(09 91 13 00-0293)*

09 91 13 00-0301	LF	Paint Fascia Board, 1 Coat Primer, Brush/Roller Work	0.56	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0302	LF	Paint Fascia Board, 1 Coat Paint, Brush/Roller Work	0.56	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0303	LF	Paint Fascia Board, 2 Coats Paint, Brush/Roller Work	0.98	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	

09 91 13 00-0304 Soffit *(09 91 13 00-0293)*

09 91 13 00-0305	SF	Paint Soffit, 1 Coat Primer, Brush/Roller Work	0.63	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0306	SF	Paint Soffit, 1 Coat Paint, Brush/Roller Work	0.63	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0307	SF	Paint Soffit, 2 Coats Paint, Brush/Roller Work	1.08	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	

09 91 13 00-0308 Acrylic Elastomeric Coating For All Types Of Roofs *(09 91 13 00-0293)*

Note: Solar reflectance: 0.90/0.84 after 3 years (from www.energy-star.gov).

09 91 13 00-0309	SF	Cool Roof Acrylic Elastomeric Roof Coating, 2 Coats (20 Mil)	1.27	
		For Each Coat Of Primer, Add	*0.33*	

09 91 13 00-0310 Site Work *(09 91 13)*

Note: Tasks can be used for exterior or interior applications.

09 91 13 00-0311 Structural Steel *(09 91 13 00-0310)*

09 91 13 00-0312 One Field Coat Paint, Brush Work *(09 91 13 00-0311)*

09 91 13 00-0313	SF	Paint Structural Steel One Field Coat Primer, Brush/Roller Work	0.80	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For Epoxy Paint, Add	*0.06*	
09 91 13 00-0314	SF	Paint Structural Steel One Field Coat Paint, Brush/Roller Work	0.70	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For Epoxy Paint, Add	*0.06*	

09 91 13 00-0315 One Field Coat Paint, Spray Work *(09 91 13 00-0311)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0316	SF	Paint Structural Steel One Field Coat Primer, Spray Work	0.53	
		For Electrostatic Painting, Add	*0.07*	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For Epoxy Paint, Add	*0.05*	
09 91 13 00-0317	SF	Paint Structural Steel One Field Coat Paint, Spray Work	0.42	
		For Electrostatic Painting, Add	*0.05*	
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For Epoxy Paint, Add	*0.05*	

09 91 13 00-0318 Metal Decking, Beams And Bar Joist *(09 91 13 00-0311)*

09 91 13 00-0319	SF	Paint Exposed Metal Decking, One Coat Primer, Sprayed	0.61	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For Epoxy Paint, Add	*0.05*	
09 91 13 00-0320	SF	Paint Exposed Metal Decking, One Coat Paint, Sprayed	0.61	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For Epoxy Paint, Add	*0.05*	
09 91 13 00-0321	SF	Paint Exposed Metal Decking, Two Coat Paint, Sprayed	1.00	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For Epoxy Paint, Add	*0.10*	
09 91 13 00-0322	SF	Paint Metal Beams And Bar Joists, One Coat Primer, Brush/Roller Work	0.80	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For Epoxy Paint, Add	*0.09*	
09 91 13 00-0323	SF	Paint Metal Beams And Bar Joists, One Coat Paint, Brush/Roller Work	0.80	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For Epoxy Paint, Add	*0.08*	
09 91 13 00-0324	SF	Paint Metal Beams And Bar Joists, Two Coats Paint, Brush/Roller Work	1.49	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For Epoxy Paint, Add	*0.15*	
09 91 13 00-0325	SF	Paint Metal Beams And Bar Joists, One Coat Primer, Sprayed	0.72	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For Epoxy Paint, Add	*0.07*	
09 91 13 00-0326	SF	Paint Metal Beams And Bar Joists, One Coat Paint, Sprayed	0.72	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For Epoxy Paint, Add	*0.07*	
09 91 13 00-0327	SF	Paint Metal Beams And Bar Joists, Two Coats Paint, Sprayed	1.19	
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For Epoxy Paint, Add	*0.13*	

09 91 13 00-0328 Steel Pipes *(09 91 13 00-0310)*

Note: Includes pipe, tubes, rails, conduit, etc.

09 91 13 00-0329	LF	Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter, One Coat Primer	1.18	
		For Electrostatic Painting, Add	*0.14*	
		For Epoxy Paint, Add	*0.10*	
09 91 13 00-0330	LF	Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, One Coat Primer	1.33	
		For Electrostatic Painting, Add	*0.15*	
		For Epoxy Paint, Add	*0.11*	
09 91 13 00-0331	LF	Paint Steel Pipes 4" Diameter, One Coat Primer	1.49	
		For Electrostatic Painting, Add	*0.17*	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0332	LF	Paint Steel Pipes 6" To 8" Diameter, One Coat Primer	1.87	
		For Electrostatic Painting, Add	*0.22*	
		For Epoxy Paint, Add	*0.15*	
09 91 13 00-0333	LF	Paint Steel Pipes 10" To 12" Diameter One Coat Primer	2.37	
		For Electrostatic Painting, Add	*0.27*	
		For Epoxy Paint, Add	*0.19*	
09 91 13 00-0334	LF	Paint Conduit, Steel Pipe 1/2"To 1-1/2" Diameter, One Coat Paint	1.18	
		For Electrostatic Painting, Add	*0.14*	
		For Epoxy Paint, Add	*0.10*	
09 91 13 00-0335	LF	Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, One Coat Paint	1.33	
		For Electrostatic Painting, Add	*0.15*	
		For Epoxy Paint, Add	*0.11*	
09 91 13 00-0336	LF	Paint Steel Pipes 4" Diameter, One Coat Paint	1.49	
		For Electrostatic Painting, Add	*0.17*	
		For Epoxy Paint, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0337	LF	Paint Steel Pipes 6" To 8" Diameter, One Coat Paint	1.87	
		For Electrostatic Painting, Add	*0.22*	
		For Epoxy Paint, Add	*0.15*	
09 91 13 00-0338	LF	Paint Steel Pipes 10" To 12" Diameter One Coat Paint	2.37	
		For Electrostatic Painting, Add	*0.27*	
		For Epoxy Paint, Add	*0.19*	
09 91 13 00-0339	LF	Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter, Two Coats	2.34	
		For Electrostatic Painting, Add	*0.28*	
		For Epoxy Paint, Add	*0.21*	
09 91 13 00-0340	LF	Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, Two Coats	2.64	
		For Electrostatic Painting, Add	*0.30*	
		For Epoxy Paint, Add	*0.21*	
09 91 13 00-0341	LF	Paint Steel Pipes 4" Diameter, Two Coats	2.84	
		For Electrostatic Painting, Add	*0.33*	
		For Epoxy Paint, Add	*0.23*	
09 91 13 00-0342	LF	Paint Steel Pipes 6" To 8" Diameter, Two Coats	3.61	
		For Electrostatic Painting, Add	*0.42*	
		For Epoxy Paint, Add	*0.29*	
09 91 13 00-0343	LF	Paint Steel Pipes 10" To 12" Diameter, Two Coats	4.43	
		For Electrostatic Painting, Add	*0.51*	
		For Epoxy Paint, Add	*0.36*	

09 91 13 00-0344 Fence Painting *(09 91 13 00-0310)*

Note: Per side of fence. Based on gross fence area (length of fence x height of fence).

09 91 13 00-0345	SF	Paint Existing Chain Link Fence, One Coat Paint, Brush/Roller	0.59	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0346	SF	Paint Existing Chain Link Fence, Two Coats Paint, Brush/Roller	1.09	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
09 91 13 00-0347	SF	Paint Existing Chain Link Fence, One Coat Paint, Spray	0.52	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0348	SF	Paint Existing Chain Link Fence, Two Coats Paint, Spray	0.97	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
09 91 13 00-0349	SF	Paint Wrought Iron Fence, One Coat Primer, Brush/Roller	0.51	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0350	SF	Paint Wrought Iron Fence, One Coat, Brush/Roller	0.50	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0351	SF	Paint Wrought Iron Fence, Each Additional Coat, Brush/Roller	0.34	
		For Up To 100, Add	*0.21*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.04*	
09 91 13 00-0352	SF	Paint Picket Fence, One Coat Primer, Brush/Roller	0.76	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
09 91 13 00-0353	SF	Paint Picket Fence, One Coat, Brush/Roller	0.74	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
09 91 13 00-0354	SF	Paint Picket Fence, Each Additional Coat, Brush/Roller	0.52	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0355	SF	Paint Wood Fences One Coat, Brush/Roller	0.51	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0356	SF	Paint Wood Fences Two Coats, Brush/Roller	0.91	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
09 91 13 00-0357	SF	Paint Wood Fences One Coat, Spray	0.41	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
09 91 13 00-0358	SF	Paint Wood Fences Two Coats, Spray	0.77	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	

09 91 13 00-0359 Metal Surfaces *(09 91 13 00-0310)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0360	SF	Paint Miscellaneous Exposed Metal One Coat Alkyd Primer	1.05	
		For Epoxy Paint, Add	*0.09*	
		For Electrostatic Painting, Add	*0.12*	
09 91 13 00-0361	SF	Paint Miscellaneous Exposed Metal One Coat Alkyd Enamel	1.01	
		For Epoxy Paint, Add	*0.07*	
		For Electrostatic Painting, Add	*0.11*	
09 91 13 00-0362	SF	Paint Miscellaneous Exposed Metal Two Coats Alkyd Enamel	2.04	
		For Epoxy Paint, Add	*0.15*	
		For Electrostatic Painting, Add	*0.23*	
09 91 13 00-0363	SF	Paint Ventilation Louver, SF Of Opening Area, One Coat Primer	1.21	
		For Electrostatic Painting, Add	*0.14*	
09 91 13 00-0364	SF	Paint Ventilation Louver, SF Of Opening Area, One Coat Alkyd	1.17	
		For Electrostatic Painting, Add	*0.13*	
09 91 13 00-0365	SF	Paint Ventilation Louver, SF Of Opening Area, Two Coats Alkyd	2.37	
		For Electrostatic Painting, Add	*0.26*	

09 91 13 00-0366 Ladders *(09 91 13 00-0310)*

09 91 13 00-0367	LF	Paint Ladders One Coat Alkyd Primer	3.33	
		For Epoxy Paint, Add	*0.18*	
09 91 13 00-0368	LF	Paint Ladders One Coat Alkyd Enamel	3.72	
		For Epoxy Paint, Add	*0.20*	
09 91 13 00-0369	LF	Paint Ladders Two Coats Alkyd Enamel	7.38	
		For Epoxy Paint, Add	*0.39*	

09 91 13 00-0370 Handrails *(09 91 13 00-0310)*

09 91 13 00-0371	LF	Paint Stair Hand Rail And Bracket, 1 Rail One Coat Alkyd Enamel	1.44	
		For Epoxy Paint, Add	*0.09*	
09 91 13 00-0372	LF	Paint Stair Hand Rail And Bracket, 1 Rail Two Coats Alkyd Enamel	2.40	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0373	LF	Paint Stair Pipe Rail And Pickets, 1 Rail One Coat Alkyd Enamel	2.17	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0374	LF	Paint Stair Pipe Rail And Pickets, 1 Rail Two Coats Alkyd Enamel	3.83	
		For Epoxy Paint, Add	*0.23*	
09 91 13 00-0375	LF	Paint Stair Pipe Rail And Pickets, 2 Rails One Coat Alkyd Enamel	2.38	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0376	LF	Paint Stair Pipe Rail And Pickets, 2 Rails Two Coats Alkyd Enamel	4.12	
		For Epoxy Paint, Add	*0.24*	
09 91 13 00-0377	LF	Paint Balustrades, One Coat Alkyd Enamel	1.47	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0378	LF	Paint Balustrades, Two Coats Alkyd Enamel	2.64	
		For Epoxy Paint, Add	*0.21*	

09 91 13 00-0379 Grating *(09 91 13 00-0310)*

09 91 13 00-0380	SF	Paint Gratings And Frames One Coat Primer	2.46	
		For Epoxy Paint, Add	*0.16*	
09 91 13 00-0381	SF	Paint Gratings And Frames One Coat Paint	2.42	
		For Epoxy Paint, Add	*0.15*	
09 91 13 00-0382	SF	Paint Gratings And Frames Two Coats Paint	3.58	
		For Epoxy Paint, Add	*0.22*	

09 91 13 00-0383 Other Site Work Tasks *(09 91 13 00-0310)*

09 91 13 00-0384 Shutters Or Blinds, Solid Panel *(09 91 13 00-0383)*

09 91 13 00-0385	SF	Shutter Or Blinds, Solid Panel, One Coat Primer, Brush	2.62	
09 91 13 00-0386	SF	Shutter Or Blinds, Solid Panel, One Coat, Brush	2.62	
09 91 13 00-0387	SF	Shutter Or Blinds, Solid Panel, Two Coats, Brush	4.65	
09 91 13 00-0388	SF	Shutter Or Blinds, Solid Panel, One Coat Primer, Spray	1.46	
09 91 13 00-0389	SF	Shutter Or Blinds, Solid Panel, One Coat, Spray	1.45	
09 91 13 00-0390	SF	Shutter Or Blinds, Solid Panel, Two Coats, Spray	2.66	

09 91 13 00-0391 Shutters Or Blinds, Louvered Panel *(09 91 13 00-0383)*

09 91 13 00-0392	SF	Shutter Or Blinds, Louvered Panel, One Coat Primer, Brush	3.26	
09 91 13 00-0393	SF	Shutter Or Blinds, Louvered Panel, One Coat, Brush	3.26	
09 91 13 00-0394	SF	Shutter Or Blinds, Louvered Panel, Two Coats, Brush	5.77	
09 91 13 00-0395	SF	Shutter Or Blinds, Louvered Panel, One Coat Primer, Spray	1.78	
09 91 13 00-0396	SF	Shutter Or Blinds, Louvered Panel, One Coat, Spray	1.77	
09 91 13 00-0397	SF	Shutter Or Blinds, Louvered Panel, Two Coats, Spray	3.26	

09 91 13 00-0398 Flagpoles *(09 91 13 00-0383)*

09 91 13 00-0399	EA	Paint Steel Flagpole, 20' High, One Coat Paint	154.83	
09 91 13 00-0400	EA	Paint Steel Flagpole, 30' High, One Coat Paint	207.59	
09 91 13 00-0401	EA	Paint Steel Flagpole, 40' High, One Coat Paint	260.37	
09 91 13 00-0402	EA	Paint Steel Flagpole, 50' High, One Coat Paint	313.18	
09 91 13 00-0403	EA	Paint Steel Flagpole, 70' High, One Coat Paint	411.66	
09 91 13 00-0404	EA	Paint Steel Flagpole, 80' High, One Coat Paint	463.56	
09 91 13 00-0405	EA	Paint Steel Flagpole, 90' High, One Coat Paint	515.47	

09 91 13 00-0406 Lattice Or Trellis *(09 91 13 00-0383)*

09 91 13 00-0407	SF	Paint Wood Lattice Or Trellis One Coat, Spray Per Side	1.13	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0408	SF	Paint Wood Lattice Or Trellis Two Coats, Spray Per Side	2.09	
		For Up To 100, Add	*1.47*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
09 91 13 00-0409		Stairs *(09 91 13)*		
09 91 13 00-0410		Concrete *(09 91 13 00-0409)*		
09 91 13 00-0411	RSR	Paint Concrete Stair (To 4' Wide) One Coat Primer	14.50	
09 91 13 00-0412	RSR	Paint Concrete Stair (To 4' Wide) One Coat Alkyd Enamel	14.50	
09 91 13 00-0413	RSR	Paint Concrete Stair (To 4' Wide) One Coat Non Slip Paint	17.42	
09 91 13 00-0414	RSR	Paint Concrete Stair (To 4' Wide) One Coat Non Slip Epoxy Coating	25.79	
09 91 13 00-0415	RSR	Paint Concrete Stair (To 4' Wide) Two Coats Alkyd Enamel	29.00	
09 91 13 00-0416		Metal *(09 91 13 00-0409)*		
09 91 13 00-0417	RSR	Paint Metal Stair (To 4' Wide) One Coat Primer	7.39	
		For Oil Based Paint, Add	*0.38*	
09 91 13 00-0418	RSR	Paint Metal Stair (To 4' Wide) One Coat Alkyd Enamel	7.39	
		For Oil Based Paint, Add	*0.38*	
09 91 13 00-0419	RSR	Paint Metal Stair (To 4' Wide) Two Coats Alkyd Enamel	14.79	
		For Oil Based Paint, Add	*0.77*	
09 91 13 00-0420		Wood *(09 91 13 00-0409)*		
09 91 13 00-0421	RSR	Paint Wood Stair (To 4' Wide) One Coat Primer	7.39	
09 91 13 00-0422	RSR	Paint Wood Stair (To 4' Wide) One Coat Alkyd Enamel	7.39	
09 91 13 00-0423	RSR	Paint Wood Stair (To 4' Wide) One Coat Non Slip Paint	10.31	
09 91 13 00-0424	RSR	Paint Wood Stair (To 4' Wide) One Coat Non Slip Epoxy Coating	18.68	
09 91 13 00-0425	RSR	Paint Wood Stair (To 4' Wide) Two Coats Alkyd Enamel	14.78	
09 91 13 00-0426		Stair Nosing *(09 91 13 00-0409)*		
09 91 13 00-0427	LF	Paint Yellow Stair Safety Strip, Up To 2", Non Slip	1.21	
09 91 13 00-0428		Trim Work *(09 91 13)*		
09 91 13 00-0429		Metal *(09 91 13 00-0428)*		
09 91 13 00-0430	SF	Paint Exterior Exposed Metal Trim, 1 Coat Primer, Brush Work	1.00	
09 91 13 00-0431	SF	Paint Exterior Exposed Metal Trim, 1 Coat Paint, Brush Work	1.00	
09 91 13 00-0432	SF	Paint Exterior Exposed Metal Trim, 2 Coats Paint, Brush Work	1.79	
09 91 13 00-0433	SF	Paint Exterior Exposed Metal Trim, 1 Coat Primer, Brush/Roller Work	0.79	
09 91 13 00-0434	SF	Paint Exterior Exposed Metal Trim, 1 Coat Paint, Brush/Roller Work	0.90	
09 91 13 00-0435	SF	Paint Exterior Exposed Metal Trim, 2 Coats Paint, Brush/Roller Work	1.59	
09 91 13 00-0436	LF	Paint Exterior Gutter And Downspout, 1 Coat Paint, Brush Work	1.46	
09 91 13 00-0437	LF	Paint Exterior Gutter And Downspout, 2 Coats Paint, Brush Work	2.00	
09 91 13 00-0438		Wood *(09 91 13 00-0428)*		
09 91 13 00-0439	SF	Paint Exterior Wood Trim, 1 Coat Primer, Brush Work	1.16	
		For Oil Based Paint, Add	*0.07*	
09 91 13 00-0440	SF	Paint Exterior Wood Trim, 1 Coat Paint, Brush Work	1.27	
		For Oil Based Paint, Add	*0.07*	
09 91 13 00-0441	SF	Paint Exterior Wood Trim, 2 Coats Paint, Brush Work	2.28	
		For Oil Based Paint, Add	*0.13*	
09 91 13 00-0442	SF	Paint Exterior Wood Trim, 1 Coat Primer, Brush/Roller Work	0.91	
		For Oil Based Paint, Add	*0.05*	
09 91 13 00-0443	SF	Paint Exterior Wood Trim, 1 Coat Paint, Brush/Roller Work	1.02	
		For Oil Based Paint, Add	*0.06*	
09 91 13 00-0444	SF	Paint Exterior Wood Trim, 2 Coats Paint, Brush/Roller Work	1.88	
		For Oil Based Paint, Add	*0.11*	
09 91 23		**Interior Painting** *(09 91)*		
		Note: Acrylic latex paint unless otherwise stated.		
09 91 23 00-0001		Walls *(09 91 23)*		
09 91 23 00-0002		Brick Surfaces *(09 91 23 00-0001)*		
09 91 23 00-0003	SF	Paint Interior Brick 1 Coat Filler, Brush Work	0.77	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0004	SF	Paint Interior Brick 1 Coat Paint, Brush Work	0.89	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.18*	
09 91 23 00-0005	SF	Paint Interior Brick 2 Coats Paint, Brush Work	1.58	
		For Oil Based Paint, Add	*0.09*	
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2500 To 5000, Deduct	*-0.08*	
		For >5000 To 10000, Deduct	*-0.16*	
		For >10000 To 20000, Deduct	*-0.24*	
		For >20000, Deduct	*-0.32*	
09 91 23 00-0006	SF	Paint Interior Brick 1 Coat Filler, Brush/Roller Work	0.62	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 23 00-0007	SF	Paint Interior Brick 1 Coat Paint, Brush/Roller Work	0.75	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	
09 91 23 00-0008	SF	Paint Interior Brick 2 Coats Paint, Brush/Roller Work	1.29	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.19*	
		For >20000, Deduct	*-0.26*	
09 91 23 00-0009	SF	Paint Interior Brick 1 Coat Filler, Spray	0.46	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.09*	
09 91 23 00-0010	SF	Paint Interior Brick 1 Coat Paint, Spray	0.50	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.10*	
09 91 23 00-0011	SF	Paint Interior Brick 2 Coats Paint, Spray	0.87	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.17*	
09 91 23 00-0012	SF	Paint Interior Brick 1 Coat Bonding Agent, Brush Work	0.79	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.16*	
09 91 23 00-0013	SF	Paint Interior Brick 1 Coat Bonding Agent, Brush/Roller Work	0.64	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0014	SF	Paint Interior Brick 1 Coat Bonding Agent, Spray	0.48	
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.10*	

09 91 23 00-0015 Concrete Surfaces *(09 91 23 00-0001)*

09 91 23 00-0016	SF	Paint Interior Concrete, 1 Coat Filler, Brush Work	0.65	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 23 00-0017	SF	Paint Interior Concrete, 1 Coat Paint, Brush Work	0.72	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.14*	
09 91 23 00-0018	SF	Paint Interior Concrete, 2 Coats Paint, Brush Work	1.35	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.14*	
		For >10000 To 20000, Deduct	*-0.20*	
		For >20000, Deduct	*-0.27*	
09 91 23 00-0019	SF	Paint Interior Concrete, 1 Coat Filler, Brush/Roller Work	0.52	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.10*	
09 91 23 00-0020	SF	Paint Interior Concrete, 1 Coat Paint, Brush/Roller Work	0.61	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 23 00-0021	SF	Paint Interior Concrete, 2 Coats Paint, Brush/Roller Work	1.10	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.11*	
		For >10000 To 20000, Deduct	*-0.17*	
		For >20000, Deduct	*-0.22*	
09 91 23 00-0022	SF	Paint Interior Concrete, 1 Coat Filler, Spray	0.36	
		For Oil Based Paint, Add	*0.02*	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.21*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.04*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.05*	
		For >20000, Deduct	*-0.07*	
09 91 23 00-0023	SF	Paint Interior Concrete, 1 Coat Paint, Spray	0.42	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.06*	
		For >20000, Deduct	*-0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0024	SF	Paint Interior Concrete, 2 Coats Paint, Spray	0.69	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.14*	
09 91 23 00-0025	SF	Paint Interior Concrete, 1 Coat Bonding Agent, Brush Work	0.67	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 23 00-0026	SF	Paint Interior Concrete, 1 Coat Bonding Agent, Brush/Roller Work	0.54	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.11*	
09 91 23 00-0027	SF	Paint Interior Concrete, 1 Coat Bonding Agent, Spray	0.38	
		For Up To 100, Add	*0.21*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.05*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.06*	
		For >20000, Deduct	*-0.08*	

09 91 23 00-0028 Concrete Block Surfaces *(09 91 23 00-0001)*

09 91 23 00-0029 Concrete Block, Epoxy Paint *(09 91 23 00-0028)*

09 91 23 00-0030	SF	Paint Interior Concrete Block, 1 Coat Filler, Brush Work	0.89	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.18*	
09 91 23 00-0031	SF	Paint Interior Concrete Block, 1 Coat Epoxy Paint, Brush	1.04	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.16*	
		For >20000, Deduct	*-0.21*	
09 91 23 00-0032	SF	Paint Interior Concrete Block, 2 Coats Epoxy Paint, Brush Work	1.84	
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2500 To 5000, Deduct	*-0.09*	
		For >5000 To 10000, Deduct	*-0.18*	
		For >10000 To 20000, Deduct	*-0.28*	
		For >20000, Deduct	*-0.37*	
09 91 23 00-0033	SF	Paint Interior Concrete Block, 1 Coat Filler, Brush/Roller Work	0.72	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.14*	
09 91 23 00-0034	SF	Paint Interior Concrete Block, 1 Coat Epoxy Paint, Brush/Roller Work	0.80	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.16*	
09 91 23 00-0035	SF	Paint Interior Concrete Block, 2 Coats Epoxy Paint, Brush/Roller Work	1.50	
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2500 To 5000, Deduct	*-0.08*	
		For >5000 To 10000, Deduct	*-0.15*	
		For >10000 To 20000, Deduct	*-0.23*	
		For >20000, Deduct	*-0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0036	SF	Paint Interior Concrete Block, 1 Coat Filler, Sprayed	0.49	
		For Up To 100, Add	*0.25*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.10*	
09 91 23 00-0037	SF	Paint Interior Concrete Block, 1 Coat Epoxy Paint, Sprayed	0.62	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 23 00-0038	SF	Paint Interior Concrete Block, 2 Coats Epoxy Paint, Sprayed	1.10	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.11*	
		For >10000 To 20000, Deduct	*-0.17*	
		For >20000, Deduct	*-0.22*	

09 91 23 00-0039 Concrete Block Surfaces, Acrylic Latex Paint *(09 91 23 00-0028)*

09 91 23 00-0040	SF	Paint Interior Concrete Block, 1 Coat Filler, Brush Work	0.84	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.17*	
09 91 23 00-0041	SF	Paint Interior Concrete Block, 1 Coat Paint, Brush Work	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.15*	
		For >20000, Deduct	*-0.20*	
09 91 23 00-0042	SF	Paint Interior Concrete Block, 2 Coats Paint, Brush Work	1.79	
		For Oil Based Paint, Add	*0.10*	
		For Up To 100, Add	*1.18*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2500 To 5000, Deduct	*-0.09*	
		For >5000 To 10000, Deduct	*-0.18*	
		For >10000 To 20000, Deduct	*-0.27*	
		For >20000, Deduct	*-0.36*	
09 91 23 00-0043	SF	Paint Interior Concrete Block, Texture Coat, Brush Work	1.10	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.11*	
		For >10000 To 20000, Deduct	*-0.17*	
		For >20000, Deduct	*-0.22*	
09 91 23 00-0044	SF	Paint Interior Concrete Block, 1 Coat Filler, Brush/Roller Work	0.71	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.14*	
09 91 23 00-0045	SF	Paint Interior Concrete Block, 1 Coat Paint, Brush/Roller Work	0.84	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.17*	
09 91 23 00-0046	SF	Paint Interior Concrete Block, 2 Coats Paint, Brush/Roller Work	1.48	
		For Oil Based Paint, Add	*0.09*	
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.15*	
		For >10000 To 20000, Deduct	*-0.22*	
		For >20000, Deduct	*-0.30*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0047	SF	Paint Interior Concrete Block, Texture Coat, Brush/Roller Work	0.93	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.14*	
		For >20000, Deduct	*-0.19*	
09 91 23 00-0048	SF	Paint Interior Concrete Block, 1 Coat Filler, Spray	0.52	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.10*	
09 91 23 00-0049	SF	Paint Interior Concrete Block, 1 Coat Paint, Spray	0.60	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 23 00-0050	SF	Paint Interior Concrete Block, 2 Coats Paint, Spray	0.84	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.17*	
09 91 23 00-0051	SF	Paint Interior Concrete Block, Texture Coat, Spray	0.69	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.14*	

09 91 23 00-0052 Concrete Block Bonding Agent *(09 91 23 00-0028)*

09 91 23 00-0053	SF	Paint Interior Concrete Block, 1 Coat Bonding Agent, Brush	0.86	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.17*	
09 91 23 00-0054	SF	Paint Interior Concrete Masonry Units, 1 Coat Bonding Agent, Brush/Roller Work	0.73	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	
09 91 23 00-0055	SF	Paint Interior Concrete Masonry Units, 1 Coat Bonding Agent, Sprayed	0.54	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.11*	

09 91 23 00-0056 Drywall/Plaster Surfaces *(09 91 23 00-0001)*

09 91 23 00-0057 Plaster/Drywall *(09 91 23 00-0056)*

09 91 23 00-0058	SF	Paint Interior Plaster/Drywall, 1 Coat Primer, Brush	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.10*	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0059	SF	Paint Interior Plaster/Drywall, 1 Coat Paint, Brush	0.74	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.11*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	
09 91 23 00-0060	SF	Paint Interior Plaster/Drywall, 2 Coats Paint, Brush	1.34	
		For Oil Based Paint, Add	*0.07*	
		For Orange Peel Finish, Add	*0.19*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.20*	
		For >20000, Deduct	*-0.27*	
09 91 23 00-0061	SF	Paint Interior Plaster/Drywall, 3 Coats Paint, Brush	1.89	
		For Oil Based Paint, Add	*0.10*	
		For Orange Peel Finish, Add	*0.27*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
		For >2500 To 5000, Deduct	*-0.09*	
		For >5000 To 10000, Deduct	*-0.19*	
		For >10000 To 20000, Deduct	*-0.28*	
		For >20000, Deduct	*-0.38*	
09 91 23 00-0062	SF	Paint Interior Plaster/Drywall, 1 Coat Primer, Brush/Roller Work	0.53	
		For Oil Based Paint, Add	*0.03*	
		For Orange Peel Finish, Add	*0.07*	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.11*	
09 91 23 00-0063	SF	Paint Interior Plaster/Drywall, 1 Coat Paint, Brush/Roller Work	0.62	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.09*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 23 00-0064	SF	Paint Interior Plaster/Drywall, 2 Coats Paint, Brush/Roller Work	1.08	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.15*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.11*	
		For >10000 To 20000, Deduct	*-0.16*	
		For >20000, Deduct	*-0.22*	
09 91 23 00-0065	SF	Paint Interior Plaster/Drywall, 1 Coat Primer, Sprayed	0.36	
		For Oil Based Paint, Add	*0.02*	
		For Up To 100, Add	*0.21*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.04*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.05*	
		For >20000, Deduct	*-0.07*	
09 91 23 00-0066	SF	Paint Interior Plaster/Drywall, 1 Coat Paint, Sprayed	0.42	
		For Oil Based Paint, Add	*0.03*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.06*	
		For >20000, Deduct	*-0.08*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0067	SF	Paint Interior Plaster/Drywall, 2 Coats Paint, Sprayed	0.69	
		For Oil Based Paint, Add	*0.04*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.14*	
09 91 23 00-0068		Polymix Multi-Color Spray Applied Paint Finish *(09 91 23 00-0056)*		
09 91 23 00-0069	SF	Interior Plaster, Drywall Or Masonry Wall, 2 Tone With Base Coat	1.11	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.11*	
		For >10000 To 20000, Deduct	*-0.17*	
		For >20000, Deduct	*-0.22*	
09 91 23 00-0070	SF	Interior Plaster, Drywall Or Masonry Wall, 3 Tone With Base Coat	1.19	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.18*	
		For >20000, Deduct	*-0.24*	
09 91 23 00-0071	SF	Interior Plaster, Drywall Or Masonry Wall, 4 Tone With Base Coat	1.28	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.19*	
		For >20000, Deduct	*-0.26*	
09 91 23 00-0072		Spray-On Textured Acoustical Paint *(09 91 23 00-0056)*		
09 91 23 00-0073	SF	Acoustic Spray-on Texture Paint, 1 Coat Primer	0.57	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.11*	
09 91 23 00-0074	SF	Acoustic Spray-on Texture Paint, 1 Coat Finish	0.69	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.14*	
09 91 23 00-0075	SF	Acoustic Spray-on Texture Paint, 2 Coats Finish	1.04	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.16*	
		For >20000, Deduct	*-0.21*	
09 91 23 00-0076	SF	Stipple Finish (Drippowder)	1.37	
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.14*	
		For >10000 To 20000, Deduct	*-0.21*	
		For >20000, Deduct	*-0.27*	
09 91 23 00-0077		Metal Surfaces *(09 91 23 00-0001)*		
09 91 23 00-0078		Galvanized Surfaces, Galvanized Primer *(09 91 23 00-0077)*		
		Note: Linseed oil or acrylic latex paint.		
09 91 23 00-0079	SF	Paint Interior Galvanized Surfaces, One Coat Primer, Brush Work	0.79	
		For Electrostatic Painting, Add	*0.10*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0080	SF	Paint Interior Galvanized Surfaces, One Coat Paint, Brush Work	0.88	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.18*	
09 91 23 00-0081	SF	Paint Interior Galvanized Surfaces, Two Coats Paint, Brush Work	1.57	
		For Electrostatic Painting, Add	*0.19*	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2500 To 5000, Deduct	*-0.08*	
		For >5000 To 10000, Deduct	*-0.16*	
		For >10000 To 20000, Deduct	*-0.24*	
		For >20000, Deduct	*-0.31*	
09 91 23 00-0082	SF	Paint Interior Galvanized Surfaces, One Coat Primer, Brush/Roller Work	0.58	
		For Electrostatic Painting, Add	*0.07*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 23 00-0083	SF	Paint Interior Galvanized Surfaces, One Coat Paint, Brush/Roller Work	0.67	
		For Electrostatic Painting, Add	*0.08*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 23 00-0084	SF	Paint Interior Galvanized Surfaces, Two Coats Paint, Brush/Roller Work	1.24	
		For Electrostatic Painting, Add	*0.15*	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.19*	
		For >20000, Deduct	*-0.25*	
09 91 23 00-0085	SF	Paint Interior Galvanized Surfaces, One Primer, Sprayed	0.38	
		For Electrostatic Painting, Add	*0.06*	
		For Up To 100, Add	*0.20*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.04*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.06*	
		For >20000, Deduct	*-0.08*	
09 91 23 00-0086	SF	Paint Interior Galvanized Surfaces, One Paint, Sprayed	0.52	
		For Electrostatic Painting, Add	*0.07*	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.10*	
09 91 23 00-0087	SF	Paint Interior Galvanized Surfaces, Two Coats Paint, Sprayed	0.84	
		For Electrostatic Painting, Add	*0.12*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.17*	

09 91 23 00-0088 Aluminum And Aluminum Alloy Surface Pretreatment Primer *(09 91 23 00-0077)*

Note: Alkyd enamel paint.

09 91 23 00-0089	SF	Paint Interior Aluminum And Aluminum Alloy Surface, One Coat Primer, Brush Work	0.79	
		For Electrostatic Painting, Add	*0.10*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.16*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0090	SF	Paint Interior Aluminum And Aluminum Alloy Surface, One Coat Paint, Brush Work	0.88	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.18*	
09 91 23 00-0091	SF	Paint Interior Aluminum And Aluminum Alloy Surface, Two Coats Paint, Brush Work	1.56	
		For Electrostatic Painting, Add	*0.19*	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2500 To 5000, Deduct	*-0.08*	
		For >5000 To 10000, Deduct	*-0.16*	
		For >10000 To 20000, Deduct	*-0.23*	
		For >20000, Deduct	*-0.31*	
09 91 23 00-0092	SF	Paint Interior Aluminum And Aluminum Alloy Surface, One Coat Primer, Brush/Roller Work	0.62	
		For Electrostatic Painting, Add	*0.08*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 23 00-0093	SF	Paint Interior Aluminum And Aluminum Alloy Surface, One Coat Paint, Brush/Roller Work	0.71	
		For Electrostatic Painting, Add	*0.09*	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.14*	
09 91 23 00-0094	SF	Paint Interior Aluminum And Aluminum Alloy Surface, Two Coats Paint, Brush/Roller Work	1.31	
		For Electrostatic Painting, Add	*0.17*	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.20*	
		For >20000, Deduct	*-0.26*	
09 91 23 00-0095	SF	Paint Interior Aluminum And Aluminum Alloy Surface, One Coat Primer, Sprayed	0.42	
		For Electrostatic Painting, Add	*0.06*	
		For Up To 100, Add	*0.23*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.06*	
		For >20000, Deduct	*-0.08*	
09 91 23 00-0096	SF	Paint Interior Aluminum And Aluminum Alloy Surface, One Coat Paint, Sprayed	0.52	
		For Electrostatic Painting, Add	*0.07*	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.10*	
09 91 23 00-0097	SF	Paint Interior Aluminum And Aluminum Alloy Surface, Two Coats Paint, Sprayed	0.84	
		For Electrostatic Painting, Add	*0.12*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.17*	

09 91 23 00-0098 Miscellaneous Surfaces *(09 91 23 00-0077)*

09 91 23 00-0099	SF	Paint Interior Miscellaneous Exposed Metal, 1 Coat Primer, Brush/Roller Work	0.58	
		For Electrostatic Painting, Add	*0.07*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0100 SF Paint Interior Miscellaneous Exposed Metal, 1 Coat Alkyd Enamel, Brush/Roller Work	0.80	
For Electrostatic Painting, Add	*0.09*	
For Up To 100, Add	*0.55*	
For >100 To 250, Add	*0.26*	
For >250 To 500, Add	*0.11*	
For >2500 To 5000, Deduct	*-0.04*	
For >5000 To 10000, Deduct	*-0.08*	
For >10000 To 20000, Deduct	*-0.12*	
For >20000, Deduct	*-0.16*	
09 91 23 00-0101 SF Paint Interior Miscellaneous Exposed Metal, 2 Coats Alkyd Enamel Paint, Brush/Roller Work	1.24	
For Electrostatic Painting, Add	*0.14*	
For Up To 100, Add	*0.86*	
For >100 To 250, Add	*0.40*	
For >250 To 500, Add	*0.17*	
For >2500 To 5000, Deduct	*-0.06*	
For >5000 To 10000, Deduct	*-0.12*	
For >10000 To 20000, Deduct	*-0.19*	
For >20000, Deduct	*-0.25*	
09 91 23 00-0102 SF Paint Interior Miscellaneous Exposed Metal, 1 Coat Primer, Sprayed	0.68	
For Electrostatic Painting, Add	*0.08*	
For Up To 100, Add	*0.46*	
For >100 To 250, Add	*0.22*	
For >250 To 500, Add	*0.09*	
For >2500 To 5000, Deduct	*-0.03*	
For >5000 To 10000, Deduct	*-0.07*	
For >10000 To 20000, Deduct	*-0.10*	
For >20000, Deduct	*-0.14*	
09 91 23 00-0103 SF Paint Interior Miscellaneous Exposed Metal, 1 Coat Alkyd, Sprayed	0.68	
For Electrostatic Painting, Add	*0.08*	
For Up To 100, Add	*0.46*	
For >100 To 250, Add	*0.22*	
For >250 To 500, Add	*0.09*	
For >2500 To 5000, Deduct	*-0.03*	
For >5000 To 10000, Deduct	*-0.07*	
For >10000 To 20000, Deduct	*-0.10*	
For >20000, Deduct	*-0.14*	
09 91 23 00-0104 SF Paint Interior Miscellaneous Exposed Metal, 2 Coats Alkyd, Sprayed	1.04	
For Electrostatic Painting, Add	*0.12*	
For Up To 100, Add	*0.70*	
For >100 To 250, Add	*0.33*	
For >250 To 500, Add	*0.14*	
For >2500 To 5000, Deduct	*-0.05*	
For >5000 To 10000, Deduct	*-0.10*	
For >10000 To 20000, Deduct	*-0.16*	
For >20000, Deduct	*-0.21*	

09 91 23 00-0105 Corrugated Metal Surfaces *(09 91 23 00-0077)*

09 91 23 00-0106 SF Paint Interior Corrugated Metal Surfaces, One Primer, Sprayed	0.47	
For Electrostatic Painting, Add	*0.07*	
For Up To 100, Add	*0.26*	
For >100 To 250, Add	*0.12*	
For >250 To 500, Add	*0.05*	
For >2500 To 5000, Deduct	*-0.02*	
For >5000 To 10000, Deduct	*-0.05*	
For >10000 To 20000, Deduct	*-0.07*	
For >20000, Deduct	*-0.09*	
09 91 23 00-0107 SF Paint Interior Corrugated Metal Surfaces, One Paint, Sprayed	0.67	
For Electrostatic Painting, Add	*0.09*	
For Up To 100, Add	*0.41*	
For >100 To 250, Add	*0.19*	
For >250 To 500, Add	*0.08*	
For >2500 To 5000, Deduct	*-0.03*	
For >5000 To 10000, Deduct	*-0.07*	
For >10000 To 20000, Deduct	*-0.10*	
For >20000, Deduct	*-0.13*	
09 91 23 00-0108 SF Paint Interior Corrugated Metal Surfaces, Two Coats Paint, Sprayed	1.07	
For Electrostatic Painting, Add	*0.15*	
For Up To 100, Add	*0.62*	
For >100 To 250, Add	*0.30*	
For >250 To 500, Add	*0.13*	
For >2500 To 5000, Deduct	*-0.05*	
For >5000 To 10000, Deduct	*-0.11*	
For >10000 To 20000, Deduct	*-0.16*	
For >20000, Deduct	*-0.21*	

09 91 23 00-0109 Stucco Surfaces *(09 91 23 00-0001)*

09 91 23 00-0110 SF Paint Interior Stucco Surfaces One Coat Primer, Brush Work	1.14	
For Oil Based Paint, Add	*0.06*	
For Up To 100, Add	*0.80*	
For >100 To 250, Add	*0.37*	
For >250 To 500, Add	*0.16*	
For >2500 To 5000, Deduct	*-0.06*	
For >5000 To 10000, Deduct	*-0.11*	
For >10000 To 20000, Deduct	*-0.17*	
For >20000, Deduct	*-0.23*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0111	SF	Paint Interior Stucco Surfaces One Coat Paint, Brush Work	1.25	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.19*	
		For >20000, Deduct	*-0.25*	
09 91 23 00-0112	SF	Paint Interior Stucco Surfaces, Two Coats Paint, Brush Work	2.21	
		For Oil Based Paint, Add	*0.12*	
		For Up To 100, Add	*1.51*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2500 To 5000, Deduct	*-0.11*	
		For >5000 To 10000, Deduct	*-0.22*	
		For >10000 To 20000, Deduct	*-0.33*	
		For >20000, Deduct	*-0.44*	
09 91 23 00-0113	SF	Paint Interior Stucco Surfaces One Coat Primer, Brush/Roller Work	0.85	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.17*	
09 91 23 00-0114	SF	Paint Interior Stucco Surfaces One Coat Paint, Brush/Roller Work	0.97	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.15*	
		For >20000, Deduct	*-0.19*	
09 91 23 00-0115	SF	Paint Interior Stucco Surfaces, Two Coats Paint, Brush/Roller Work	1.76	
		For Oil Based Paint, Add	*0.10*	
		For Up To 100, Add	*1.18*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2500 To 5000, Deduct	*-0.09*	
		For >5000 To 10000, Deduct	*-0.18*	
		For >10000 To 20000, Deduct	*-0.26*	
		For >20000, Deduct	*-0.35*	
09 91 23 00-0116	SF	Paint Interior Stucco Surfaces One Coat Primer, Sprayed	0.52	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.10*	
09 91 23 00-0117	SF	Paint Interior Stucco Surfaces One Coat Paint, Sprayed	0.63	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.13*	
09 91 23 00-0118	SF	Paint Interior Stucco Surfaces, Two Coats Paint, Sprayed	1.23	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.18*	
		For >20000, Deduct	*-0.25*	

09 91 23 00-0119 Wood Surfaces *(09 91 23 00-0001)*

09 91 23 00-0120 Interior Wood Surfaces *(09 91 23 00-0119)*

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0121	SF	Paint Interior Wood Surface, 1 Coat Paint, Brush	0.85	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0122	SF	Paint Interior Wood Surface, 2 Coats Paint, Brush	1.55	
		For Oil Based Paint, Add	*0.09*	
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2500 To 5000, Deduct	*-0.08*	
		For >5000 To 10000, Deduct	*-0.16*	
		For >10000 To 20000, Deduct	*-0.23*	
		For >20000, Deduct	*-0.31*	
09 91 23 00-0123	SF	Paint Interior Wood Surface, 3 Coats Paint, Brush	2.20	
		For Oil Based Paint, Add	*0.12*	
		For Up To 100, Add	*1.50*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2500 To 5000, Deduct	*-0.11*	
		For >5000 To 10000, Deduct	*-0.22*	
		For >10000 To 20000, Deduct	*-0.33*	
		For >20000, Deduct	*-0.44*	
09 91 23 00-0124	SF	Paint Interior Wood Surface, 1 Coat Primer, Brush/Roller	0.59	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 23 00-0125	SF	Paint Interior Wood Surfaces, 1 Coat Paint, Brush/Roller	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.14*	
09 91 23 00-0126	SF	Paint Interior Wood Surfaces, 2 Coats Paint, Brush/Roller	1.19	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.18*	
		For >20000, Deduct	*-0.24*	
09 91 23 00-0127	SF	Paint Interior Wood Surface, 1 Coat Primer, Spray	0.36	
		For Oil Based Paint, Add	*0.02*	
		For Up To 100, Add	*0.21*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.04*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.05*	
		For >20000, Deduct	*-0.07*	
09 91 23 00-0128	SF	Paint Interior Wood Surface, 1 Coat Paint, Spray	0.46	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.09*	
09 91 23 00-0129	SF	Paint Interior Wood Surface, 2 Coats Paint, Spray	0.85	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.17*	

09 91 23 00-0130 Ceilings *(09 91 23)*

09 91 23 00-0131 Acoustical *(09 91 23 00-0130)*

Note: Includes grid.

09 91 23 00-0132	SF	Paint Interior Acoustical Ceiling, 1 Coat Primer, Brush Work	0.75	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0133	SF	Paint Interior Acoustical Ceiling, 1 Coat Paint, Brush Work	0.83	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.17*	
09 91 23 00-0134	SF	Paint Interior Acoustical Ceiling, 2 Coats Paint, Brush Work	1.48	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.15*	
		For >10000 To 20000, Deduct	*-0.22*	
		For >20000, Deduct	*-0.30*	
09 91 23 00-0135	SF	Paint Interior Acoustical Ceiling, 1 Coat Primer, Brush/Roller Work	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 23 00-0136	SF	Paint Interior Acoustical Ceiling, 1 Coat Paint, Brush/Roller Work	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 23 00-0137	SF	Paint Interior Acoustical Ceiling, 2 Coats Paint, Brush/Roller Work	1.18	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.18*	
		For >20000, Deduct	*-0.24*	
09 91 23 00-0138	SF	Paint Interior Acoustical Ceiling, 1 Coat Primer, Spray	0.47	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.09*	
09 91 23 00-0139	SF	Paint Interior Acoustical Ceiling, 1 Coat Paint, Spray	0.46	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.09*	
09 91 23 00-0140	SF	Paint Interior Acoustical Ceiling, 2 Coats Paint, Spray	0.75	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	

09 91 23 00-0141 Concrete *(09 91 23 00-0130)*

09 91 23 00-0142	SF	Paint Interior Concrete Ceiling, 1 Coat Filler, Brush Work	0.74	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0143	SF	Paint Interior Concrete Ceiling, 1 Coat Paint, Brush Work	0.83	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.17*	
09 91 23 00-0144	SF	Paint Interior Concrete Ceiling, 2 Coats Paint, Brush Work	1.47	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.12*	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.15*	
		For >10000 To 20000, Deduct	*-0.22*	
		For >20000, Deduct	*-0.29*	
09 91 23 00-0145	SF	Paint Interior Concrete Ceiling, 1 Coat Filler, Brush/Roller Work	0.56	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.11*	
09 91 23 00-0146	SF	Paint Interior Concrete Ceiling, 1 Coat Paint, Brush/Roller Work	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 23 00-0147	SF	Paint Interior Concrete Ceiling, 2 Coats Paint, Brush/Roller Work	1.18	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.18*	
		For >20000, Deduct	*-0.24*	
09 91 23 00-0148	SF	Paint Interior Concrete Ceiling, 1 Coat Filler, Spray	0.44	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.09*	
09 91 23 00-0149	SF	Paint Interior Concrete Ceiling, 1 Coat Paint, Spray	0.46	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.09*	
09 91 23 00-0150	SF	Paint Interior Concrete Ceiling, 2 Coats Paint, Spray	0.74	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	
09 91 23 00-0151	SF	Paint Interior Concrete Ceiling, 1 Coat Bonding Agent, Brush Work	0.76	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0152	SF	Paint Interior Concrete Ceiling, 1 Coat Bonding Agent, Brush/Roller	0.58	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 23 00-0153	SF	Paint Interior Concrete Ceiling, 1 Coat Bonding Agent, Spray	0.46	
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.09*	

09 91 23 00-0154 Drywall/Plaster *(09 91 23 00-0130)*

09 91 23 00-0155	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Brush Work	0.75	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.11*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	
09 91 23 00-0156	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Paint, Brush Work	0.83	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.17*	
09 91 23 00-0157	SF	Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Brush Work	1.48	
		For Oil Based Paint, Add	*0.08*	
		For Orange Peel Finish, Add	*0.21*	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.15*	
		For >10000 To 20000, Deduct	*-0.22*	
		For >20000, Deduct	*-0.30*	
09 91 23 00-0158	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Brush/Roller Work	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.09*	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 23 00-0159	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Paint, Brush/Roller Work	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.09*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 23 00-0160	SF	Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Brush/Roller Work	1.18	
		For Oil Based Paint, Add	*0.07*	
		For Orange Peel Finish, Add	*0.17*	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.18*	
		For >20000, Deduct	*-0.24*	
09 91 23 00-0161	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Spray	0.47	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0162	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Paint, Spray	0.46	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.09*	
09 91 23 00-0163	SF	Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Spray	0.75	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.15*	

09 91 23 00-0164 Metal *(09 91 23 00-0130)*

09 91 23 00-0165 Galvanized Surfaces, Galvanized Primer *(09 91 23 00-0164)*

Note: Linseed oil or acrylic latex paint.

09 91 23 00-0166	SF	Paint Interior Galvanized Ceiling, One Coat Primer, Brush Work	0.88	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.18*	
09 91 23 00-0167	SF	Paint Interior Galvanized Ceiling, One Coat Paint, Brush Work	0.97	
		For Electrostatic Painting, Add	*0.12*	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.15*	
		For >20000, Deduct	*-0.19*	
09 91 23 00-0168	SF	Paint Interior Galvanized Ceiling, Two Coats Paint, Brush Work	1.75	
		For Electrostatic Painting, Add	*0.21*	
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2500 To 5000, Deduct	*-0.09*	
		For >5000 To 10000, Deduct	*-0.18*	
		For >10000 To 20000, Deduct	*-0.26*	
		For >20000, Deduct	*-0.35*	
09 91 23 00-0169	SF	Paint Interior Galvanized Ceiling, One Coat Primer, Brush/Roller Work	0.67	
		For Electrostatic Painting, Add	*0.08*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 23 00-0170	SF	Paint Interior Galvanized Ceiling, One Coat Paint, Brush/Roller Work	0.77	
		For Electrostatic Painting, Add	*0.09*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.15*	
09 91 23 00-0171	SF	Paint Interior Galvanized Ceiling, Two Coats Paint, Brush/Roller Work	1.39	
		For Electrostatic Painting, Add	*0.17*	
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.14*	
		For >10000 To 20000, Deduct	*-0.21*	
		For >20000, Deduct	*-0.28*	
09 91 23 00-0172	SF	Paint Interior Galvanized Ceiling, One Primer, Sprayed	0.52	
		For Electrostatic Painting, Add	*0.07*	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.10*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0173	SF	Paint Interior Galvanized Ceiling, One Paint, Sprayed	0.62	
		For Electrostatic Painting, Add	*0.08*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 23 00-0174	SF	Paint Interior Galvanized Ceiling, Two Coats Paint, Sprayed	0.93	
		For Electrostatic Painting, Add	*0.13*	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.14*	
		For >20000, Deduct	*-0.19*	

09 91 23 00-0175 Aluminum And Aluminum Alloy Surface Pretreatment Primer *(09 91 23 00-0164)*

Note: Alkyd enamel paint.

09 91 23 00-0176	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, One Coat Primer, Brush Work	0.88	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.18*	
09 91 23 00-0177	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, One Coat Paint, Brush Work	0.97	
		For Electrostatic Painting, Add	*0.12*	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.15*	
		For >20000, Deduct	*-0.19*	
09 91 23 00-0178	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, Two Coats Paint, Brush Work	1.75	
		For Electrostatic Painting, Add	*0.21*	
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2500 To 5000, Deduct	*-0.09*	
		For >5000 To 10000, Deduct	*-0.18*	
		For >10000 To 20000, Deduct	*-0.26*	
		For >20000, Deduct	*-0.35*	
09 91 23 00-0179	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, One Coat Primer, Brush/Roller Work	0.71	
		For Electrostatic Painting, Add	*0.09*	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.14*	
09 91 23 00-0180	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, One Coat Paint, Brush/Roller Work	0.81	
		For Electrostatic Painting, Add	*0.10*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.16*	
09 91 23 00-0181	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, Two Coats Paint, Brush/Roller Work	1.50	
		For Electrostatic Painting, Add	*0.19*	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2500 To 5000, Deduct	*-0.08*	
		For >5000 To 10000, Deduct	*-0.15*	
		For >10000 To 20000, Deduct	*-0.23*	
		For >20000, Deduct	*-0.30*	
09 91 23 00-0182	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, One Coat, Sprayed	0.52	
		For Electrostatic Painting, Add	*0.07*	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0183	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, One Coat Paint, Sprayed	0.62	
		For Electrostatic Painting, Add	*0.08*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 23 00-0184	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, Two Coats Paint, Sprayed	0.93	
		For Electrostatic Painting, Add	*0.13*	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.14*	
		For >20000, Deduct	*-0.19*	

09 91 23 00-0185 Ceiling Tile Grid *(09 91 23 00-0164)*

Note: Grid only.

09 91 23 00-0186	LF	Paint Interior Ceiling Tile Grid, 1 Coat Paint, Brush/Roller	0.20	
		For Electrostatic Painting, Add	*0.02*	
		For Up To 100, Add	*0.14*	
		For >100 To 250, Add	*0.07*	
		For >250 To 500, Add	*0.03*	
		For >2500 To 5000, Deduct	*-0.01*	
		For >5000 To 10000, Deduct	*-0.02*	
		For >10000 To 20000, Deduct	*-0.03*	
		For >20000, Deduct	*-0.04*	
09 91 23 00-0187	LF	Paint Interior Ceiling Tile Grid, 2 Coats Paint, Brush/Roller	0.38	
		For Electrostatic Painting, Add	*0.04*	
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.05*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.06*	
		For >20000, Deduct	*-0.08*	

09 91 23 00-0188 Corrugated Metal Surfaces *(09 91 23 00-0164)*

09 91 23 00-0189	SF	Paint Interior Corrugated Metal Ceiling, One Primer, Sprayed	0.69	
		For Electrostatic Painting, Add	*0.10*	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.14*	
09 91 23 00-0190	SF	Paint Interior Corrugated Metal Ceiling, One Paint, Sprayed	0.81	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.16*	
09 91 23 00-0191	SF	Paint Interior Corrugated Metal Ceiling, Two Coats Paint, Sprayed	1.25	
		For Electrostatic Painting, Add	*0.18*	
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.19*	
		For >20000, Deduct	*-0.25*	

09 91 23 00-0192 Wood *(09 91 23 00-0130)*

09 91 23 00-0193 Smooth Wood *(09 91 23 00-0192)*

Note: Includes tongue and groove, beveled, drop or board and batten siding.

09 91 23 00-0194	SF	Paint Interior Wood Smooth Ceiling, One Coat Primer, Brush Work	0.91	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.14*	
		For >20000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0195	SF	Paint Interior Wood Smooth Ceiling, One Coat Paint, Brush Work	0.95	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.14*	
		For >20000, Deduct	*-0.19*	
09 91 23 00-0196	SF	Paint Interior Wood Smooth Ceiling, Two Coats Paint, Brush Work	1.72	
		For Oil Based Paint, Add	*0.10*	
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2500 To 5000, Deduct	*-0.09*	
		For >5000 To 10000, Deduct	*-0.17*	
		For >10000 To 20000, Deduct	*-0.26*	
		For >20000, Deduct	*-0.34*	
09 91 23 00-0197	SF	Paint Interior Wood Smooth Ceiling, One Coat Primer, Brush/Roller Work	0.71	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.14*	
09 91 23 00-0198	SF	Paint Interior Wood Smooth Ceiling, One Coat Paint, Brush/Roller Work	0.79	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.16*	
09 91 23 00-0199	SF	Paint Interior Wood Smooth Ceiling, Two Coats Paint, Brush/Roller Work	1.47	
		For Oil Based Paint, Add	*0.09*	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.15*	
		For >10000 To 20000, Deduct	*-0.22*	
		For >20000, Deduct	*-0.29*	
09 91 23 00-0200	SF	Paint Interior Wood Smooth Ceiling, One Coat Primer, Sprayed	0.48	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.10*	
09 91 23 00-0201	SF	Paint Interior Wood Smooth Ceiling, One Coat Paint, Sprayed	0.58	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 23 00-0202	SF	Paint Interior Wood Smooth Ceiling, Two Coats Paint, Sprayed	0.86	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.17*	

09 91 23 00-0203 Beams *(09 91 23 00-0130)*

09 91 23 00-0204	SF	Paint Interior Wood Beams, One Coat Primer, Brush Work	1.01	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.15*	
		For >20000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0205	SF	Paint Interior Wood Beams, One Coat Paint, Brush Work	1.04	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.16*	
		For >20000, Deduct	*-0.21*	
09 91 23 00-0206	SF	Paint Interior Wood Beams, Two Coats Paint, Brush Work	1.89	
		For Oil Based Paint, Add	*0.10*	
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
		For >2500 To 5000, Deduct	*-0.09*	
		For >5000 To 10000, Deduct	*-0.19*	
		For >10000 To 20000, Deduct	*-0.28*	
		For >20000, Deduct	*-0.38*	
09 91 23 00-0207	SF	Paint Interior Wood Beams, One Coat Primer, Brush/Roller Work	0.79	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.16*	
09 91 23 00-0208	SF	Paint Interior Wood Beams, One Coat Paint, Brush/Roller Work	0.79	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.16*	
09 91 23 00-0209	SF	Paint Interior Wood Beams, Two Coats Paint, Brush/Roller Work	1.47	
		For Oil Based Paint, Add	*0.09*	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.15*	
		For >10000 To 20000, Deduct	*-0.22*	
		For >20000, Deduct	*-0.29*	
09 91 23 00-0210	SF	Paint Interior Wood Beams, One Coat Primer, Sprayed	0.58	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 23 00-0211	SF	Paint Interior Wood Beams, One Coat Paint, Sprayed	1.18	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.18*	
		For >20000, Deduct	*-0.24*	
09 91 23 00-0212	SF	Paint Interior Wood Beams, Two Coats Paint, Sprayed	0.95	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.05*	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.14*	
		For >20000, Deduct	*-0.19*	

09 91 23 00-0213 Floors *(09 91 23)*

09 91 23 00-0214 Concrete *(09 91 23 00-0213)*

09 91 23 00-0215	SF	Paint Interior Concrete Floors And Decks, One Coat Primer, Brush Work	0.56	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0216	SF	Paint Interior Concrete Floors And Decks, One Coat Paint, Brush Work	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 23 00-0217	SF	Paint Interior Concrete Floors And Decks, Two Coats Paint, Brush Work	1.25	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.19*	
		For >20000, Deduct	*-0.25*	
09 91 23 00-0218	SF	Paint Interior Concrete Floors And Decks, One Coat Primer, Brush/Roller Work	0.55	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.11*	
09 91 23 00-0219	SF	Paint Interior Concrete Floors And Decks, One Coat Paint, Brush/Roller Work	0.55	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.11*	
09 91 23 00-0220	SF	Paint Interior Concrete Floors And Decks, Two Coats Paint, Brush/Roller Work	0.88	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 20000, Deduct	*-0.13*	
		For >20000, Deduct	*-0.18*	
09 91 23 00-0221	SF	Paint Interior Concrete Floors And Decks, One Coat Primer, Sprayed	0.36	
		For Oil Based Paint, Add	*0.02*	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.21*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.04*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.05*	
		For >20000, Deduct	*-0.07*	
09 91 23 00-0222	SF	Paint Interior Concrete Floors And Decks, One Coat Paint, Sprayed	0.36	
		For Oil Based Paint, Add	*0.02*	
		For Epoxy Paint, Add	*0.04*	
		For Up To 100, Add	*0.22*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.05*	
		For >20000, Deduct	*-0.07*	
09 91 23 00-0223	SF	Paint Interior Concrete Floors And Decks, Two Coats Paint, Sprayed	0.65	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.13*	
09 91 23 00-0224	SF	Paint Interior Concrete Floors And Decks, One Coat Bonding Agent, Brush	0.58	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0225	SF	Paint Interior Concrete Floors And Decks, One Coat Bonding Agent, Brush/Roller Work	0.57	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.11*	
09 91 23 00-0226	SF	Paint Interior Concrete Floors And Decks, One Coat Bonding Agent, Sprayed	0.38	
		For Up To 100, Add	*0.21*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.05*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.06*	
		For >20000, Deduct	*-0.08*	
09 91 23 00-0227	SF	Paint Interior Concrete Floors And Decks, One Coat Non Slip Paint, Brush Work	1.34	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.20*	
		For >20000, Deduct	*-0.27*	
09 91 23 00-0228	SF	Paint Interior Concrete Floors And Decks, One Coat Non Slip Epoxy Coating, Brush Work	3.44	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.23*	
		For >2500 To 5000, Deduct	*-0.17*	
		For >5000 To 10000, Deduct	*-0.34*	
		For >10000 To 20000, Deduct	*-0.52*	
		For >20000, Deduct	*-0.69*	

09 91 23 00-0229 Wood *(09 91 23 00-0213)*

09 91 23 00-0230	SF	Paint Interior Wood Floors And Decks, One Coat Primer, Brush Work	0.70	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.14*	
09 91 23 00-0231	SF	Paint Interior Wood Floors And Decks, One Coat Paint, Brush Work	0.77	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2500 To 5000, Deduct	*-0.04*	
		For >5000 To 10000, Deduct	*-0.08*	
		For >10000 To 20000, Deduct	*-0.12*	
		For >20000, Deduct	*-0.15*	
09 91 23 00-0232	SF	Paint Interior Wood Floors And Decks, Two Coats Paint, Brush Work	1.44	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.14*	
		For >10000 To 20000, Deduct	*-0.22*	
		For >20000, Deduct	*-0.29*	
09 91 23 00-0233	SF	Paint Interior Wood Floors And Decks, One Coat Primer, Brush/Roller Work	0.54	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.08*	
		For >20000, Deduct	*-0.11*	
09 91 23 00-0234	SF	Paint Interior Wood Floors And Decks, One Coat Paint, Brush/Roller Work	0.60	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.09*	
		For >20000, Deduct	*-0.12*	
09 91 23 00-0235	SF	Paint Interior Wood Floors And Decks, Two Coats Paint, Brush/Roller Work	1.18	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.18*	
		For >20000, Deduct	*-0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0236	SF	Paint Interior Wood Floors And Decks, One Coat Primer, Sprayed	0.38	
		For Oil Based Paint, Add	*0.02*	
		For Up To 100, Add	*0.23*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 20000, Deduct	*-0.06*	
		For >20000, Deduct	*-0.08*	
09 91 23 00-0237	SF	Paint Interior Wood Floors And Decks, One Coat Paint, Sprayed	0.48	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2500 To 5000, Deduct	*-0.02*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.07*	
		For >20000, Deduct	*-0.10*	
09 91 23 00-0238	SF	Paint Interior Wood Floors And Decks, Two Coats Paint, Sprayed	0.69	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2500 To 5000, Deduct	*-0.03*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.14*	
09 91 23 00-0239	SF	Paint Interior Wood Floors And Decks, One Coat Non Slip Paint, Brush Work	1.34	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.13*	
		For >10000 To 20000, Deduct	*-0.20*	
		For >20000, Deduct	*-0.27*	
09 91 23 00-0240	SF	Paint Interior Wood Floors And Decks, One Coat Non Slip Epoxy Coating, Brush Work	3.44	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.23*	
		For >2500 To 5000, Deduct	*-0.17*	
		For >5000 To 10000, Deduct	*-0.34*	
		For >10000 To 20000, Deduct	*-0.52*	
		For >20000, Deduct	*-0.69*	

09 91 23 00-0241 Doors And Windows *(09 91 23)*

09 91 23 00-0242 Frames *(09 91 23 00-0241)*

09 91 23 00-0243	LF	Paint Interior Wood Frame And Trim, 1 Coat Primer, Brush/Roller Work	0.88	
		For Oil Based Paint, Add	*0.05*	
		For Painting One Face Of Frame Only, Deduct	*-0.23*	
09 91 23 00-0244	LF	Paint Interior Wood Frame And Trim, 1 Coat Paint, Brush/Roller Work	1.15	
		For Oil Based Paint, Add	*0.06*	
		For Painting One Face Of Frame Only, Deduct	*-0.30*	
09 91 23 00-0245	LF	Paint Interior Wood Frame And Trim, 2 Coats Paint, Brush/Roller Work	1.94	
		For Oil Based Paint, Add	*0.10*	
		For Painting One Face Of Frame Only, Deduct	*-0.50*	
09 91 23 00-0246	LF	Paint Interior Metal Frame And Trim, 1 Coat Primer, Brush/Roller Work	0.87	
		For Oil Based Paint, Add	*0.05*	
		For Painting One Face Of Frame Only, Deduct	*-0.23*	
09 91 23 00-0247	LF	Paint Interior Metal Frame And Trim, 1 Coat Paint, Brush/Roller Work	1.14	
		For Oil Based Paint, Add	*0.06*	
		For Painting One Face Of Frame Only, Deduct	*-0.29*	
09 91 23 00-0248	LF	Paint Interior Metal Frame And Trim, 2 Coats Paint, Brush/Roller Work	1.93	
		For Oil Based Paint, Add	*0.10*	
		For Painting One Face Of Frame Only, Deduct	*-0.50*	

09 91 23 00-0249 Steel Doors *(09 91 23 00-0241)*

09 91 23 00-0250	EA	Paint Interior Door, One Face, 1 Coat Primer, Brush/Roller Work	35.52	
		For Electrostatic Painting, Add	*4.75*	
		For Half Louvered Door, Add	*4.13*	
		For Full Louvered Door, Add	*6.89*	
		For Oil Based Paint, Add	*2.18*	
		For >5 To 10, Deduct	*-1.78*	
		For >10 To 25, Deduct	*-3.55*	
		For >25, Deduct	*-5.33*	
09 91 23 00-0251	EA	Paint Interior Door, One Face, 1 Coat Paint, Brush/Roller Work	35.52	
		For Electrostatic Painting, Add	*4.75*	
		For Half Louvered Door, Add	*4.13*	
		For Full Louvered Door, Add	*6.89*	
		For Oil Based Paint, Add	*2.18*	
		For >5 To 10, Deduct	*-1.78*	
		For >10 To 25, Deduct	*-3.55*	
		For >25, Deduct	*-5.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0252	EA	Paint Interior Door, One Face, 2 Coats Paint, Brush/Roller Work	62.37	
		For Electrostatic Painting, Add	*8.62*	
		For Half Louvered Door, Add	*6.98*	
		For Full Louvered Door, Add	*11.63*	
		For Oil Based Paint, Add	*3.91*	
		For >5 To 10, Deduct	*-3.12*	
		For >10 To 25, Deduct	*-6.24*	
		For >25, Deduct	*-9.36*	
09 91 23 00-0253	EA	Paint Interior Door, Both Faces, 1 Coat Primer, Brush/Roller Work	63.71	
		For Electrostatic Painting, Add	*8.52*	
		For Half Louvered Door, Add	*7.41*	
		For Full Louvered Door, Add	*12.34*	
		For Oil Based Paint, Add	*3.90*	
		For >5 To 10, Deduct	*-3.19*	
		For >10 To 25, Deduct	*-6.37*	
		For >25, Deduct	*-9.56*	
09 91 23 00-0254	EA	Paint Interior Door, Both Faces, 1 Coat Paint, Brush/Roller Work	63.72	
		For Electrostatic Painting, Add	*8.52*	
		For Half Louvered Door, Add	*7.41*	
		For Full Louvered Door, Add	*12.35*	
		For Oil Based Paint, Add	*3.90*	
		For >5 To 10, Deduct	*-3.19*	
		For >10 To 25, Deduct	*-6.37*	
		For >25, Deduct	*-9.56*	
09 91 23 00-0255	EA	Paint Interior Door, Both Faces, 2 Coats Paint, Brush/Roller Work	112.23	
		For Electrostatic Painting, Add	*15.53*	
		For Half Louvered Door, Add	*12.53*	
		For Full Louvered Door, Add	*20.89*	
		For Oil Based Paint, Add	*7.05*	
		For >5 To 10, Deduct	*-5.61*	
		For >10 To 25, Deduct	*-11.22*	
		For >25, Deduct	*-16.83*	
09 91 23 00-0256	EA	Paint Interior Door, One Face, 1 Coat Primer, Spray	25.30	
		For Electrostatic Painting, Add	*3.85*	
		For Half Louvered Door, Add	*2.48*	
		For Full Louvered Door, Add	*4.13*	
		For Oil Based Paint, Add	*1.70*	
		For >5 To 10, Deduct	*-1.27*	
		For >10 To 25, Deduct	*-2.53*	
		For >25, Deduct	*-3.80*	
09 91 23 00-0257	EA	Paint Interior Door, One Face, 1 Coat Paint, Spray	25.30	
		For Electrostatic Painting, Add	*3.85*	
		For Half Louvered Door, Add	*2.48*	
		For Full Louvered Door, Add	*4.13*	
		For Oil Based Paint, Add	*1.70*	
		For >5 To 10, Deduct	*-1.27*	
		For >10 To 25, Deduct	*-2.53*	
		For >25, Deduct	*-3.80*	
09 91 23 00-0258	EA	Paint Interior Door, One Face, 2 Coats Paint, Spray	45.35	
		For Electrostatic Painting, Add	*7.15*	
		For Half Louvered Door, Add	*4.19*	
		For Full Louvered Door, Add	*6.98*	
		For Oil Based Paint, Add	*3.14*	
		For >5 To 10, Deduct	*-2.27*	
		For >10 To 25, Deduct	*-4.54*	
		For >25, Deduct	*-6.80*	
09 91 23 00-0259	EA	Paint Interior Door, Both Faces, 1 Coat Primer, Spray	45.40	
		For Electrostatic Painting, Add	*6.91*	
		For Half Louvered Door, Add	*4.44*	
		For Full Louvered Door, Add	*7.41*	
		For Oil Based Paint, Add	*3.06*	
		For >5 To 10, Deduct	*-2.27*	
		For >10 To 25, Deduct	*-4.54*	
		For >25, Deduct	*-6.81*	
09 91 23 00-0260	EA	Paint Interior Door, Both Faces, 1 Coat Paint, Spray	45.40	
		For Electrostatic Painting, Add	*6.91*	
		For Half Louvered Door, Add	*4.44*	
		For Full Louvered Door, Add	*7.41*	
		For Oil Based Paint, Add	*3.06*	
		For >5 To 10, Deduct	*-2.27*	
		For >10 To 25, Deduct	*-4.54*	
		For >25, Deduct	*-6.81*	
09 91 23 00-0261	EA	Paint Interior Door, Both Faces, 2 Coats Paint, Spray	81.68	
		For Electrostatic Painting, Add	*12.90*	
		For Half Louvered Door, Add	*7.52*	
		For Full Louvered Door, Add	*12.53*	
		For Oil Based Paint, Add	*5.66*	
		For >5 To 10, Deduct	*-4.08*	
		For >10 To 25, Deduct	*-8.17*	
		For >25, Deduct	*-12.25*	

09 91 23 00-0262 Wood Doors *(09 91 23 00-0241)*

09 91 23 00-0263	EA	Paint Interior Door, One Face, 1 Coat Primer, Brush/Roller Work	35.52	
		For Oil Based Paint, Add	*2.18*	
		For Half Louvered Door, Add	*4.13*	
		For Full Louvered Door, Add	*6.89*	
		For >5 To 10, Deduct	*-1.78*	
		For >10 To 25, Deduct	*-3.55*	
		For >25, Deduct	*-5.33*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0264	EA	Paint Interior Door, One Face, 1 Coat Paint, Brush/Roller Work	35.52	
		For Oil Based Paint, Add	*2.18*	
		For Half Louvered Door, Add	*4.13*	
		For Full Louvered Door, Add	*6.89*	
		For >5 To 10, Deduct	*-1.78*	
		For >10 To 25, Deduct	*-3.55*	
		For >25, Deduct	*-5.33*	
09 91 23 00-0265	EA	Paint Interior Door, One Face, 2 Coats Paint, Brush/Roller Work	62.38	
		For Oil Based Paint, Add	*3.91*	
		For Half Louvered Door, Add	*6.98*	
		For Full Louvered Door, Add	*11.63*	
		For >5 To 10, Deduct	*-3.12*	
		For >10 To 25, Deduct	*-6.24*	
		For >25, Deduct	*-9.36*	
09 91 23 00-0266	EA	Paint Interior Door, Both Faces, 1 Coat Primer, Brush/Roller Work	63.72	
		For Oil Based Paint, Add	*3.90*	
		For Half Louvered Door, Add	*7.41*	
		For Full Louvered Door, Add	*12.35*	
		For >5 To 10, Deduct	*-3.19*	
		For >10 To 25, Deduct	*-6.37*	
		For >25, Deduct	*-9.56*	
09 91 23 00-0267	EA	Paint Interior Door, Both Faces, 1 Coat Paint, Brush/Roller Work	63.72	
		For Oil Based Paint, Add	*3.90*	
		For Half Louvered Door, Add	*7.41*	
		For Full Louvered Door, Add	*12.35*	
		For >5 To 10, Deduct	*-3.19*	
		For >10 To 25, Deduct	*-6.37*	
		For >25, Deduct	*-9.56*	
09 91 23 00-0268	EA	Paint Interior Door, Both Faces, 2 Coats Paint, Brush/Roller Work	112.23	
		For Oil Based Paint, Add	*7.05*	
		For Half Louvered Door, Add	*12.53*	
		For Full Louvered Door, Add	*20.89*	
		For >5 To 10, Deduct	*-5.61*	
		For >10 To 25, Deduct	*-11.22*	
		For >25, Deduct	*-16.83*	
09 91 23 00-0269	EA	Paint Interior Door, One Face, 1 Coat Primer, Spray	25.30	
		For Oil Based Paint, Add	*1.70*	
		For Half Louvered Door, Add	*2.48*	
		For Full Louvered Door, Add	*4.13*	
		For >5 To 10, Deduct	*-1.27*	
		For >10 To 25, Deduct	*-2.53*	
		For >25, Deduct	*-3.80*	
09 91 23 00-0270	EA	Paint Interior Door, One Face, 1 Coat Paint, Spray	25.30	
		For Oil Based Paint, Add	*1.70*	
		For Half Louvered Door, Add	*2.48*	
		For Full Louvered Door, Add	*4.13*	
		For >5 To 10, Deduct	*-1.27*	
		For >10 To 25, Deduct	*-2.53*	
		For >25, Deduct	*-3.80*	
09 91 23 00-0271	EA	Paint Interior Door, One Face, 2 Coats Paint, Spray	45.37	
		For Oil Based Paint, Add	*3.14*	
		For Half Louvered Door, Add	*4.19*	
		For Full Louvered Door, Add	*6.98*	
		For >5 To 10, Deduct	*-2.27*	
		For >10 To 25, Deduct	*-4.54*	
		For >25, Deduct	*-6.81*	
09 91 23 00-0272	EA	Paint Interior Door, Both Faces, 1 Coat Primer, Spray	45.40	
		For Oil Based Paint, Add	*3.06*	
		For Half Louvered Door, Add	*4.44*	
		For Full Louvered Door, Add	*7.41*	
		For >5 To 10, Deduct	*-2.27*	
		For >10 To 25, Deduct	*-4.54*	
		For >25, Deduct	*-6.81*	
09 91 23 00-0273	EA	Paint Interior Door, Both Faces, 1 Coat Paint, Spray	45.40	
		For Oil Based Paint, Add	*3.06*	
		For Half Louvered Door, Add	*4.44*	
		For Full Louvered Door, Add	*7.41*	
		For >5 To 10, Deduct	*-2.27*	
		For >10 To 25, Deduct	*-4.54*	
		For >25, Deduct	*-6.81*	
09 91 23 00-0274	EA	Paint Interior Door, Both Faces, 2 Coats Paint, Spray	81.68	
		For Oil Based Paint, Add	*5.66*	
		For Half Louvered Door, Add	*7.52*	
		For Full Louvered Door, Add	*12.53*	
		For >5 To 10, Deduct	*-4.08*	
		For >10 To 25, Deduct	*-8.17*	
		For >25, Deduct	*-12.25*	

09 91 23 00-0275 Steel Windows *(09 91 23 00-0241)*

Note: Two finish coats paint over rust inhibitive primer.

09 91 23 00-0276	EA	Paint Interior Windows Including Trim, Window Size Up To 8 SF	67.03	
		For Oil Based Paint, Add	*3.62*	
		For Electrostatic Painting, Add	*7.50*	
		For >5 To 10, Deduct	*-3.35*	
		For >10 To 25, Deduct	*-6.70*	
		For >25, Deduct	*-10.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0277	EA	Paint Interior Windows Including Trim, Window Size 9 SF To 14 SF	79.41	
		For Oil Based Paint, Add	*4.38*	
		For Electrostatic Painting, Add	*9.17*	
		For >5 To 10, Deduct	*-3.97*	
		For >10 To 25, Deduct	*-7.94*	
		For >25, Deduct	*-11.91*	
09 91 23 00-0278	EA	Paint Interior Windows Including Trim, Window Size 15 SF To 20 SF	106.60	
		For Oil Based Paint, Add	*5.91*	
		For Electrostatic Painting, Add	*12.40*	
		For >5 To 10, Deduct	*-5.33*	
		For >10 To 25, Deduct	*-10.66*	
		For >25, Deduct	*-15.99*	
09 91 23 00-0279	EA	Paint Interior Windows Including Trim, Window Size 21 SF To 26 SF	120.00	
		For Oil Based Paint, Add	*6.66*	
		For Electrostatic Painting, Add	*13.97*	
		For >5 To 10, Deduct	*-6.00*	
		For >10 To 25, Deduct	*-12.00*	
		For >25, Deduct	*-18.00*	
09 91 23 00-0280	EA	Paint Interior Windows Including Trim, Window Size 27 SF To 34 SF	133.18	
		For Oil Based Paint, Add	*7.38*	
		For Electrostatic Painting, Add	*15.49*	
		For >5 To 10, Deduct	*-6.66*	
		For >10 To 25, Deduct	*-13.32*	
		For >25, Deduct	*-19.98*	
09 91 23 00-0281	SF	Paint Interior Windows Including Trim, Window Size Over 34 SF	4.24	
		For Oil Based Paint, Add	*0.24*	
		For Electrostatic Painting, Add	*0.49*	

09 91 23 00-0282 Wood Windows *(09 91 23 00-0241)*

Note: Two finish coats paint over primer.

09 91 23 00-0283	EA	Paint Interior Windows Including Trim, Window Size Up To 8 SF	67.03	
		For Oil Based Paint, Add	*3.62*	
		For >5 To 10, Deduct	*-3.35*	
		For >10 To 25, Deduct	*-6.70*	
		For >25, Deduct	*-10.05*	
09 91 23 00-0284	EA	Paint Interior Windows Including Trim, Window Size 9 SF To 14 SF	79.41	
		For Oil Based Paint, Add	*4.38*	
		For >5 To 10, Deduct	*-3.97*	
		For >10 To 25, Deduct	*-7.94*	
		For >25, Deduct	*-11.91*	
09 91 23 00-0285	EA	Paint Interior Windows Including Trim, Window Size 15 SF To 20 SF	106.60	
		For Oil Based Paint, Add	*5.91*	
		For >5 To 10, Deduct	*-5.33*	
		For >10 To 25, Deduct	*-10.66*	
		For >25, Deduct	*-15.99*	
09 91 23 00-0286	EA	Paint Interior Windows Including Trim, Window Size 21 SF To 26 SF	120.00	
		For Oil Based Paint, Add	*6.66*	
		For >5 To 10, Deduct	*-6.00*	
		For >10 To 25, Deduct	*-12.00*	
		For >25, Deduct	*-18.00*	
09 91 23 00-0287	EA	Paint Interior Windows Including Trim, Window Size 27 SF To 34 SF	133.18	
		For Oil Based Paint, Add	*7.38*	
		For >5 To 10, Deduct	*-6.66*	
		For >10 To 25, Deduct	*-13.32*	
		For >25, Deduct	*-19.98*	
09 91 23 00-0288	SF	Paint Interior Windows Including Trim, Window Size Over 34 SF	4.47	
		For Oil Based Paint, Add	*0.25*	

09 91 23 00-0289 Security Screens *(09 91 23 00-0241)*

09 91 23 00-0290	SF	Paint Interior Security Screen, 1 Coat Primer, Brush/Roller Work	1.14	
		For Oil Based Paint, Add	*0.06*	
		For Electrostatic Painting, Add	*0.13*	
09 91 23 00-0291	SF	Paint Interior Security Screen, 1 Coat Paint, Brush/Roller Work	1.22	
		For Oil Based Paint, Add	*0.07*	
		For Electrostatic Painting, Add	*0.13*	
09 91 23 00-0292	SF	Paint Interior Security Screen, 2 Coats Paint, Brush/Roller Work	2.00	
		For Oil Based Paint, Add	*0.11*	
		For Electrostatic Painting, Add	*0.22*	

09 91 23 00-0293 Window Guards *(09 91 23 00-0241)*

09 91 23 00-0294	SF	Paint Interior Window Guards, 1 Coat Primer, Brush/Roller Work	1.14	
		For Oil Based Paint, Add	*0.06*	
09 91 23 00-0295	SF	Paint Interior Window Guards, 1 Coat Paint, Brush/Roller Work	1.22	
		For Oil Based Paint, Add	*0.07*	
09 91 23 00-0296	SF	Paint Interior Window Guards, 2 Coats Paint, Brush/Roller Work	2.00	
		For Oil Based Paint, Add	*0.11*	

09 91 23 00-0297 Window Trim *(09 91 23 00-0241)*

09 91 23 00-0298	LF	Paint Interior Window Frame, 1 Coat Primer, Brush/Roller Work	1.14	
		For Oil Based Paint, Add	*0.06*	
09 91 23 00-0299	LF	Paint Interior Window Frame, 1 Coat Paint, Brush/Roller Work	1.14	
		For Oil Based Paint, Add	*0.06*	
09 91 23 00-0300	LF	Paint Interior Window Frame, 2 Coats Paint, Brush/Roller Work	1.29	
		For Oil Based Paint, Add	*0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0301	LF	Paint Interior Metal Window Frame, 1 Coat Primer Note: Brush/roller work.	1.17	
09 91 23 00-0302	LF	Paint Interior Metal Window Frame, 1 Coat Paint Note: Brush/roller work.	1.17	
09 91 23 00-0303	LF	Paint Interior Metal Window Frame, 2 Coats Paint Note: Brush/roller work.	1.34	

09 91 23 00-0304 Cabinets And Casework *(09 91 23)*

09 91 23 00-0305 Wood *(09 91 23 00-0304)*

09 91 23 00-0306	SF	Paint Interior Cabinets And Casework, One Coat Paint	0.99	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.10*	
		For >20000, Deduct	*-0.15*	
09 91 23 00-0307	SF	Paint Interior Cabinets And Casework, One Coat Prime, One Coat Paint, Enamel Primer, Alkyd Or Latex Paint	1.36	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 20000, Deduct	*-0.14*	
		For >20000, Deduct	*-0.20*	
09 91 23 00-0308	SF	Paint Interior Cabinets And Casework, One Coat Prime, Two Coats Paint, Enamel Primer, Alkyd Or Latex Paint	2.10	
		For >5000 To 10000, Deduct	*-0.11*	
		For >10000 To 20000, Deduct	*-0.21*	
		For >20000, Deduct	*-0.32*	

09 91 23 00-0309 Lockers *(09 91 23 00-0304)*

09 91 23 00-0310	SF	Paint Exposed Metal Locker One Coat Primer	1.05	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.16*	
09 91 23 00-0311	SF	Paint Exposed Metal Locker One Coat Alkyd Enamel	1.12	
		For >5000 To 10000, Deduct	*-0.06*	
		For >10000 To 20000, Deduct	*-0.11*	
		For >20000, Deduct	*-0.17*	
09 91 23 00-0312	SF	Paint Exposed Metal Locker Two Coats Alkyd Enamel	2.04	
		For >5000 To 10000, Deduct	*-0.10*	
		For >10000 To 20000, Deduct	*-0.20*	
		For >20000, Deduct	*-0.31*	

09 91 23 00-0313 Stairs *(09 91 23)*

09 91 23 00-0314 Concrete *(09 91 23 00-0313)*

09 91 23 00-0315	RSR	Paint Interior Concrete Stair (To 4' Wide) One Coat Primer	16.08	
09 91 23 00-0316	RSR	Paint Interior Concrete Stair (To 4' Wide) One Coat Alkyd Enamel	16.08	
09 91 23 00-0317	RSR	Paint Interior Concrete Stair (To 4' Wide) One Coat Non Slip Paint	19.00	
09 91 23 00-0318	RSR	Paint Interior Concrete Stair (To 4' Wide) One Coat Non Slip Epoxy Coating	27.37	
09 91 23 00-0319	RSR	Paint Interior Concrete Stair (To 4' Wide) Two Coats Alkyd Enamel	32.15	

09 91 23 00-0320 Metal *(09 91 23 00-0313)*

09 91 23 00-0321	RSR	Paint Interior Metal Stair (To 4' Wide) One Coat Primer	8.52	
09 91 23 00-0322	RSR	Paint Interior Metal Stair (To 4' Wide) One Coat Alkyd Enamel	8.18	
09 91 23 00-0323	RSR	Paint Interior Metal Stair (To 4' Wide) Two Coats Alkyd Enamel	16.37	

09 91 23 00-0324 Wood *(09 91 23 00-0313)*

09 91 23 00-0325	RSR	Paint Interior Wood Stair (To 4' Wide) One Coat Primer	8.18	
09 91 23 00-0326	RSR	Paint Interior Wood Stair (To 4' Wide) One Coat Alkyd Enamel	8.18	
09 91 23 00-0327	RSR	Paint Interior Wood Stair (To 4' Wide) One Coat Non Slip Paint	11.10	
09 91 23 00-0328	RSR	Paint Interior Wood Stair (To 4' Wide) One Coat Non Slip Epoxy Coating	19.47	
09 91 23 00-0329	RSR	Paint Interior Wood Stair (To 4' Wide) Two Coats Alkyd Enamel	16.36	

09 91 23 00-0330 Stair Nosing *(09 91 23 00-0313)*

09 91 23 00-0331	LF	Paint Yellow Stair Safety Strip, Up To 2", Non Slip	1.21	

09 91 23 00-0332 Trim *(09 91 23)*

09 91 23 00-0333 Metal *(09 91 23 00-0332)*

09 91 23 00-0334	SF	Paint Interior Exposed Metal Trim, 1 Coat Primer, Brush Work	1.10	
09 91 23 00-0335	SF	Paint Interior Exposed Metal Trim, 1 Coat Paint, Brush Work	1.10	
09 91 23 00-0336	SF	Paint Interior Exposed Metal Trim, 2 Coats Paint, Brush Work	1.97	
09 91 23 00-0337	SF	Paint Interior Exposed Metal Trim, 1 Coat Primer, Brush/Roller Work	1.10	
09 91 23 00-0338	SF	Paint Interior Exposed Metal Trim, 1 Coat Paint, Brush/Roller Work	1.10	
09 91 23 00-0339	SF	Paint Interior Exposed Metal Trim, 2 Coats Paint, Brush/Roller Work	1.97	

09 91 23 00-0340 Wood *(09 91 23 00-0332)*

09 91 23 00-0341	LF	Paint Interior Wood Trim To 6" Wide, 1 Coat Primer	0.61	
		For Oil Based Paint, Add	*0.03*	
09 91 23 00-0342	LF	Paint Interior Wood Trim To 6" Wide, 1 Coat Paint	0.68	
		For Oil Based Paint, Add	*0.04*	
09 91 23 00-0343	LF	Paint Interior Wood Trim To 6" Wide, 2 Coats Paint	1.42	
		For Oil Based Paint, Add	*0.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0344	SF	Paint Interior Wood Trim, 1 Coat Primer, Brush Work	1.84	
		For Oil Based Paint, Add	*0.10*	
09 91 23 00-0345	SF	Paint Interior Wood Trim, 1 Coat Paint, Brush Work	2.05	
		For Oil Based Paint, Add	*0.11*	
09 91 23 00-0346	SF	Paint Interior Wood Trim, 2 Coats Paint, Brush Work	4.38	
		For Oil Based Paint, Add	*0.24*	
09 91 23 00-0347	SF	Paint Interior Wood Trim, 1 Coat Primer, Brush/Roller Work	1.84	
		For Oil Based Paint, Add	*0.10*	
09 91 23 00-0348	SF	Paint Interior Wood Trim, 1 Coat Paint, Brush/Roller Work	2.05	
		For Oil Based Paint, Add	*0.11*	
09 91 23 00-0349	SF	Paint Interior Wood Trim, 2 Coats Paint, Brush/Roller Work	4.38	
		For Oil Based Paint, Add	*0.24*	

09 91 23 00-0350 Paint Additives *(09 91 23)*

09 91 23 00-0351	SF	Mildewcide/Mold Killing Paint Additive Per Each Coat	0.02	
09 91 23 00-0352	SF	Class "B" Fire Rating, Fire Reisistant Paint Additive	0.04	
		Note: 1 package per gallon for . 2 packages per gallon for Class "A" fire rating.		
		For Class "A" Fire Rating, Add	*0.04*	

09 91 23 00-0353 Hand Painting Letters/Numbers *(09 91 23)*

Note: Painting on walls, floors, poles, signs, etc.

09 91 23 00-0354	EA	Up To 1" High, Hand Paint, Per Letter/Number	1.88	
09 91 23 00-0355	EA	1" To 2" High, Hand Paint, Per Letter/Number	2.20	
09 91 23 00-0356	EA	2" To 3" High, Hand Paint, Per Letter/Number	3.35	
09 91 23 00-0357	EA	3" To 4" High, Hand Paint, Per Letter/Number	4.11	
09 91 23 00-0358	EA	4" To 6" High, Hand Paint, Per Letter/Number	5.67	
09 91 23 00-0359	EA	6" To 12" High, Hand Paint, Per Letter/Number	7.18	
09 91 23 00-0360	EA	Over 12" High, Hand Paint, Per Letter/Number	8.43	

09 91 23 00-0361 Glove/Mitt Application *(09 91 23)*

09 91 23 00-0362 Conduit/Pipe *(09 91 23 00-0361)*

09 91 23 00-0363	CSF	Acid Wash (Muriatic Acid) With Glove/Mitt, Conduit Or Pipe	35.78	
09 91 23 00-0364	CSF	Metal Primer With Glove/Mitt, Conduit Or Pipe	53.87	
09 91 23 00-0365	CSF	Enamel, Oil Base Paint, First Coat With Glove/Mitt, Conduit Or Pipe	41.64	
09 91 23 00-0366	CSF	Enamel, Oil Base Paint, Second Coat With Glove/Mitt, Conduit Or Pipe	33.40	
09 91 23 00-0367	CSF	Epoxy Coating, First Coat With Glove/Mitt, Conduit Or Pipe	60.31	
09 91 23 00-0368	CSF	Epoxy Coating, Second Coat With Glove/Mitt, Conduit Or Pipe	55.12	

09 91 23 00-0369 Ductwork *(09 91 23 00-0361)*

09 91 23 00-0370	CSF	Acid Wash (Muriatic Acid) With Glove/Mitt, Duct	35.78	
09 91 23 00-0371	CSF	Metal Primer With Glove/Mitt, Duct	44.55	
09 91 23 00-0372	CSF	Enamel, Oil Base Paint With Glove/Mitt, Duct	37.85	
09 91 23 00-0373	CSF	Epoxy Coating, First Coat With Glove/Mitt, Duct	58.43	
09 91 23 00-0374	CSF	Epoxy Coating, Second Coat With Glove/Mitt, Duct	50.07	

09 91 23 00-0375 Stencil Painting Letters/Numbers *(09 91 23)*

Note: Painting on walls, floors, poles, etc. Includes stencil cutout and paint.

09 91 23 00-0376	EA	Up To 1" High, Stencil Painting, Per Letter/Number	1.53	
		For >200 To 500, Deduct		*-0.12*
		For >500 To 1000, Deduct		*-0.19*
		For >1000 To 2000, Deduct		*-0.24*
		For >2000, Deduct		*-0.31*
09 91 23 00-0377	EA	1" To 2" High, Stencil Painting, Per Letter/Number	1.77	
		For >200 To 500, Deduct		*-0.14*
		For >500 To 1000, Deduct		*-0.22*
		For >1000 To 2000, Deduct		*-0.28*
		For >2000, Deduct		*-0.35*
09 91 23 00-0378	EA	2" To 3" High, Stencil Painting, Per Letter/Number	3.02	
		For >200 To 500, Deduct		*-0.24*
		For >500 To 1000, Deduct		*-0.38*
		For >1000 To 2000, Deduct		*-0.48*
		For >2000, Deduct		*-0.60*
09 91 23 00-0379	EA	3" To 4" High, Stencil Painting, Per Letter/Number	3.71	
		For >200 To 500, Deduct		*-0.30*
		For >500 To 1000, Deduct		*-0.46*
		For >1000 To 2000, Deduct		*-0.59*
		For >2000, Deduct		*-0.74*
09 91 23 00-0380	EA	4" To 6" High, Stencil Painting, Per Letter/Number	5.10	
		For >200 To 500, Deduct		*-0.41*
		For >500 To 1000, Deduct		*-0.64*
		For >1000 To 2000, Deduct		*-0.82*
		For >2000, Deduct		*-1.02*
09 91 23 00-0381	EA	6" To 12" High, Stencil Painting, Per Letter/Number	6.79	
		For >200 To 500, Deduct		*-0.54*
		For >500 To 1000, Deduct		*-0.85*
		For >1000 To 2000, Deduct		*-1.09*
		For >2000, Deduct		*-1.36*
09 91 23 00-0382	EA	Over 12" High, Stencil Painting, Per Letter/Number	8.02	
		For >200 To 500, Deduct		*-0.64*
		For >500 To 1000, Deduct		*-1.00*
		For >1000 To 2000, Deduct		*-1.28*
		For >2000, Deduct		*-1.60*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0383		Logo Painting *(09 91 23)*		
09 91 23 00-0384	SF	Paint Logo (Simple Design)	29.77	
09 91 23 00-0385	SF	Paint Logo (Complex Design)	34.97	
09 91 33		**Painting Materials** *(09 91)*		
		Note: Paint per gallon for owners to obtain extra paint. Not to be used in conjunction with other painting tasks.		
09 91 33 00-0001		Primer *(09 91 33)*		
09 91 33 00-0002	GAL	Alkyd Primer/Sealer, Interior, 500 SF Per Gallon	19.74	
09 91 33 00-0003	GAL	Alkyd Wood Primer, Exterior, 400 SF Per Gallon	19.36	
09 91 33 00-0004	GAL	Prime Coat Oil Wood Primer, 310 SF Per Gallon	24.55	
09 91 33 00-0005	GAL	Catalyzed Epoxy Primer, Two Component Type, 425 SF Per Gallon	45.18	
09 91 33 00-0006	EA	Cement Base Primer, 25# Sack	20.25	
09 91 33 00-0007	GAL	Alkali Resistant Concrete And Masonry Primer, Exterior, 225 SF Per Gallon	31.22	
09 91 33 00-0008	GAL	Alkali Resistant Concrete And Masonry Primer, Interior, 225 SF Per Gallon	25.06	
09 91 33 00-0009	GAL	Acrylic Latex Primer, Flat Exterior, Fast Drying Wood Undercoat And Back Primer, 400 SF per Gallon	19.36	
09 91 33 00-0010	GAL	Acrylic (Vinyl Acrylic) Block Filler, 50 SF Per Gallon	17.59	
09 91 33 00-0011	GAL	Acrylic (Vinyl Acrylic) Rust Inhibiting Metal, Primer - 500 SF Per Gallon: Paint - 260 SF Per Gallon	31.01	
09 91 33 00-0012	GAL	Acrylic Heavy Duty Wall Primer/Sealer, Low Odor Type, Alkali-Resistant, 800 SF Per Gallon	25.82	
09 91 33 00-0013	GAL	Acrylic (Vinyl Acrylic) Undercoat, All Purpose, Interior/Exterior, 500 SF Per Gallon	25.82	
09 91 33 00-0014	GAL	Latex Wood Primer, Exterior, 300 SF Per Gallon	29.11	
09 91 33 00-0015	GAL	Linseed (Oil Base) Primer, Exterior/Interior, 300 SF Per Gallon	18.98	
09 91 33 00-0016	GAL	Red Alkyd Primer, 500 SF Per Gallon	33.79	
09 91 33 00-0017	GAL	Wood Sealer/Primer, Interior, Clear, 600 SF Per Gallon	20.25	
09 91 33 00-0018	GAL	Zinc Chromate Primer, 300 SF Per Gallon	16.20	
09 91 33 00-0019	GAL	Zinc Dust/Zinc Oxide Primer, 300 SF Per Gallon	41.89	
09 91 33 00-0020	GAL	Stain Killer, Alcohol Base	26.12	
09 91 33 00-0021	GAL	Sealer, Primer Kilz, 400 SF Per Gallon	29.48	
09 91 33 00-0022		Paint *(09 91 33)*		
09 91 33 00-0023	GAL	Aluminum Fiber Roof Coat On Composition Roof, 50 SF Per Gallon	14.18	
09 91 33 00-0024	GAL	Acrylic Urethane Sealer	70.28	
09 91 33 00-0025	GAL	Asphalt-Fiber Roof And Foundation Coating, Solvent Type	7.59	
		Note: 75 SF per gallon on roof or concrete, 100 SF per gallon on metal.		
09 91 33 00-0026	GAL	Concrete Enamel Epoxy, 350 SF Per Gallon	43.92	
09 91 33 00-0027	GAL	Concrete Acrylic Sealer, 400 SF Per Gallon	23.03	
09 91 33 00-0028	GAL	Driveway Coating, Tar Emulsion, 120 SF Per Gallon	7.59	
09 91 33 00-0029	GAL	Driveway Coating, Acrylic Latex, 250 SF Per Gallon	11.52	
09 91 33 00-0030	GAL	Exterior, Oil Base, Gloss Enamel, 400 SF Per Gallon	23.29	
09 91 33 00-0031	GAL	Exterior, Oil Base, Gloss, 400 SF Per Gallon	31.01	
09 91 33 00-0032	GAL	Exterior, Oil Base, Semi-Gloss, 400 SF Per Gallon	25.31	
09 91 33 00-0033	GAL	Exterior, Oil Base, Flat	23.20	
09 91 33 00-0034	GAL	Exterior, Latex, Semi-Gloss, 400 SF Per Gallon	22.02	
09 91 33 00-0035	GAL	Exterior, Flat Latex, Trim Paint, 500 SF Per Gallon	25.95	
09 91 33 00-0036	GAL	Exterior, Latex Flat Paint, 300 SF Per Gallon	23.03	
09 91 33 00-0037	GAL	Exterior, Latex Gloss Enamel, Water Base	32.79	
09 91 33 00-0038	GAL	Galvanizing Paint	35.69	
09 91 33 00-0039	GAL	High Heat Paint	47.84	
09 91 33 00-0040	GAL	Heat Resistant Paint	31.89	
09 91 33 00-0041	GAL	Zinc Chromate Paint	28.86	
09 91 33 00-0042	QT	Anti-Rust Enamel, 500 SF Per Quart	11.39	
09 91 33 00-0043	GAL	Rust Inhibitor, Ferrous Metal	31.89	
09 91 33 00-0044	GAL	Masonry Waterproofing, 100 SF Per Gallon	23.03	
09 91 33 00-0045	GAL	Alkyd Latex, Black	21.52	
09 91 33 00-0046	GAL	Alkyd Latex, White	21.52	
09 91 33 00-0047	GAL	Alkyd Latex, Colors	25.95	
09 91 33 00-0048	QT	Wrought Iron Paint, Black	29.11	
09 91 33 00-0049	GAL	Vinyl Paint	38.73	
09 91 33 00-0050	GAL	Silicone Alkyd	47.08	
09 91 33 00-0051	GAL	2 Component Solvent Based Acrylic Epoxy	47.84	
09 91 33 00-0052	GAL	2 Component Solvent Based Polyester Epoxy	59.99	
09 91 33 00-0053	GAL	Chlorinated Rubber	44.04	
09 91 33 00-0054	GAL	Polyamide Epoxy Sealer	45.56	
09 91 33 00-0055	GAL	Coal Tar Epoxy	32.65	
09 91 33 00-0056	GAL	Swimming Pool Enamel, 350 SF Per Gallon	40.75	
09 91 33 00-0057	GAL	Swimming Pool Epoxy Or Urethane Base	53.16	
09 91 33 00-0058	GAL	Swimming Pool Rubber Base	36.45	
09 91 33 00-0059	GAL	Interior, Latex Flat Paint, 300 SF Per Gallon	23.16	
09 91 33 00-0060	GAL	Interior, Latex Semi-Gloss Enamel, 300 SF Per Gallon	25.95	
09 91 33 00-0061	GAL	Interior, Fire-Retardant Flat Paint, 200 SF Per Gallon	47.46	
09 91 33 00-0062	GAL	Interior, Ceiling White Latex Flat, 350 SF Per Gallon	16.07	
09 91 33 00-0063	GAL	Linseed Oil	14.05	
09 91 33 00-0064	GAL	Latex Floor Paint, 300 SF Per Gallon	23.03	
09 91 33 00-0065	GAL	Acrylic Floor Paint, 400 SF Per Gallon	25.95	
09 91 33 00-0066	GAL	Texture Paint, Sand Texture Latex, Armor Coat, 100 SF Per Gallon	23.73	
09 91 33 00-0067	GAL	Acoustic Spray-On Texture, Finish	19.07	
09 91 33 00-0068		Stain, Varnish *(09 91 33)*		
09 91 33 00-0069	GAL	Thompson Water Sealer, 150 SF Per Gallon	13.16	
09 91 33 00-0070	GAL	Latex Redwood Stain, Water Base, 300 SF Per Gallon	24.55	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 33 00-0071	GAL	Redwood Oil Stain, 300 SF Per Gallon	21.90	
09 91 33 00-0072	GAL	Varnish, Clear	36.07	
09 91 33 00-0073	GAL	Penetrating Water-Repellent Stain	26.20	
09 91 33 00-0074	GAL	Redwood Hue Or Clear Stain	23.41	
09 91 33 00-0075	GAL	Polyurethane	41.11	
09 91 33 00-0076	GAL	Lacquer, Semi-Gloss	23.10	
09 91 33 00-0077	GAL	Shellac, Clear	30.31	
09 91 33 00-0078	GAL	Acetone	10.00	
09 91 33 00-0079	GAL	Paint Thinner	2.47	
09 91 33 00-0080	GAL	Shellac Or Lacquer Thinner	10.12	
09 91 33 00-0081	GAL	Turpentine	13.92	
09 91 33 00-0082	GAL	Wood Filler Paste	23.79	
09 91 33 00-0083	GAL	Wood Preservative, Pentachlorophenol, General Purpose, 40%, 150 SF Per Gallon	18.98	

09 91 43 Surface Preparation *(09 91)*

Note: Steel Structure Painting Council, SSPC; Surface Preparation, SP.

09 91 43 00-0001 Cleaning And Preparation Of Painted And Unpainted Surfaces *(09 91 43)*

Note: In excess of surface preparation required. Water blast and pressure washing includes mild detergent and rinsing of surface until detergent free. Sand blast and water blast includes canvas/plastic for protection of existing surfaces as well as for containment.

09 91 43 00-0002 Concrete And Masonry Surfaces *(09 91 43 00-0001)*

09 91 43 00-0003	SF	Calcimine Removal/Washing Concrete Or Masonry	0.36
		For Up To 100, Add	*0.23*
		For >100 To 250, Add	*0.11*
		For >250 To 500, Add	*0.05*
		For >5000 To 10000, Deduct	*-0.02*
		For >10000 To 15000, Deduct	*-0.03*
		For >15000 To 30000, Deduct	*-0.05*
		For >30000, Deduct	*-0.07*
09 91 43 00-0004	SF	Chemical Clean, Brush And Wash Concrete Or Masonry	0.56
		For Up To 100, Add	*0.36*
		For >100 To 250, Add	*0.17*
		For >250 To 500, Add	*0.07*
		For >5000 To 10000, Deduct	*-0.03*
		For >10000 To 15000, Deduct	*-0.05*
		For >15000 To 30000, Deduct	*-0.08*
		For >30000, Deduct	*-0.11*
09 91 43 00-0005	SF	Hand Scrape Concrete Or Masonry	0.59
		For Up To 100, Add	*0.44*
		For >100 To 250, Add	*0.21*
		For >250 To 500, Add	*0.09*
		For >5000 To 10000, Deduct	*-0.03*
		For >10000 To 15000, Deduct	*-0.06*
		For >15000 To 30000, Deduct	*-0.09*
		For >30000, Deduct	*-0.12*
09 91 43 00-0006	SF	Steam Clean Concrete Or Masonry	0.58
		For Up To 100, Add	*0.38*
		For >100 To 250, Add	*0.18*
		For >250 To 500, Add	*0.08*
		For >5000 To 10000, Deduct	*-0.03*
		For >10000 To 15000, Deduct	*-0.06*
		For >15000 To 30000, Deduct	*-0.08*
		For >30000, Deduct	*-0.11*
09 91 43 00-0007	SF	Pressure Wash Concrete Or Masonry, Up To 5,000 PSI	0.36
		For Up To 100, Add	*0.23*
		For >100 To 250, Add	*0.11*
		For >250 To 500, Add	*0.05*
		For >5000 To 10000, Deduct	*-0.02*
		For >10000 To 15000, Deduct	*-0.03*
		For >15000 To 30000, Deduct	*-0.05*
		For >30000, Deduct	*-0.07*
09 91 43 00-0008	SF	Water Blast Concrete Or Masonry, 10,000 To 12,000 PSI	1.07
		For Up To 100, Add	*0.73*
		For >100 To 250, Add	*0.34*
		For >250 To 500, Add	*0.15*
		For >5000 To 10000, Deduct	*-0.05*
		For >10000 To 15000, Deduct	*-0.10*
		For >15000 To 30000, Deduct	*-0.16*
		For >30000, Deduct	*-0.21*
09 91 43 00-0009	SF	Water Blast Concrete Or Masonry, 30,000 To 40,000 PSI	1.79
		For Up To 100, Add	*1.27*
		For >100 To 250, Add	*0.59*
		For >250 To 500, Add	*0.25*
		For >5000 To 10000, Deduct	*-0.09*
		For >10000 To 15000, Deduct	*-0.18*
		For >15000 To 30000, Deduct	*-0.27*
		For >30000, Deduct	*-0.35*
09 91 43 00-0010	SF	Sand Blasting Concrete Or Masonry	2.05
		For Heavy Condition Where Multiple Pass Is Required, Add	*1.03*
		For Up To 100, Add	*1.28*
		For >100 To 250, Add	*0.60*
		For >250 To 500, Add	*0.26*
		For >5000 To 10000, Deduct	*-0.10*
		For >10000 To 15000, Deduct	*-0.19*
		For >15000 To 30000, Deduct	*-0.30*
		For >30000, Deduct	*-0.39*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 91 43 00-0011 Drywall *(09 91 43 00-0001)*

Note: Patch holes other than nail/screw holes and greater than 1/2" diameter.

09 91 43 00-0012	SF	Hand Wash Drywall Surfaces With Mild Detergent Or Degreaser (No Sanding, Repairing Or Scraping)	0.28	
		For Up To 100, Add	*0.21*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.04*	
		For >5000 To 10000, Deduct	*-0.01*	
		For >10000 To 15000, Deduct	*-0.03*	
		For >15000 To 30000, Deduct	*-0.04*	
		For >30000, Deduct	*-0.06*	
09 91 43 00-0013	SF	Hand Wash, Minor Repair And Light Sanding Drywall Surfaces	0.49	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >5000 To 10000, Deduct	*-0.02*	
		For >10000 To 15000, Deduct	*-0.05*	
		For >15000 To 30000, Deduct	*-0.07*	
		For >30000, Deduct	*-0.10*	
09 91 43 00-0014	SF	Scrape, Repair And Sand Severely Damaged Drywall Surfaces	0.90	
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 15000, Deduct	*-0.09*	
		For >15000 To 30000, Deduct	*-0.13*	
		For >30000, Deduct	*-0.18*	

09 91 43 00-0015 Metal Surfaces *(09 91 43 00-0001)*

09 91 43 00-0016	SF	Chemical Clean, Brush And Wash Metals	0.56	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >5000 To 10000, Deduct	*-0.03*	
		For >10000 To 15000, Deduct	*-0.05*	
		For >15000 To 30000, Deduct	*-0.08*	
		For >30000, Deduct	*-0.11*	
09 91 43 00-0017	SF	Hand Scraping And Sanding Of Metal	0.59	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >5000 To 10000, Deduct	*-0.03*	
		For >10000 To 15000, Deduct	*-0.06*	
		For >15000 To 30000, Deduct	*-0.09*	
		For >30000, Deduct	*-0.12*	
09 91 43 00-0018	SF	Pressure Wash Metal, Up To 5,000 PSI	0.36	
		For Up To 100, Add	*0.23*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
		For >5000 To 10000, Deduct	*-0.02*	
		For >10000 To 15000, Deduct	*-0.03*	
		For >15000 To 30000, Deduct	*-0.05*	
		For >30000, Deduct	*-0.07*	
09 91 43 00-0019	SF	Cleaning Metal Surface With Power Tool	1.00	
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 15000, Deduct	*-0.10*	
		For >15000 To 30000, Deduct	*-0.15*	
		For >30000, Deduct	*-0.20*	
09 91 43 00-0020	SF	Steam Cleaning Metal Surfaces	0.35	
		For Up To 100, Add	*0.21*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.04*	
		For >5000 To 10000, Deduct	*-0.02*	
		For >10000 To 15000, Deduct	*-0.03*	
		For >15000 To 30000, Deduct	*-0.05*	
		For >30000, Deduct	*-0.07*	
09 91 43 00-0021	SF	Commercial Blast - Loose Mill Scale With Fine Powder 2 LB/SF = 800 LB/Hour	0.77	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 15000, Deduct	*-0.07*	
		For >15000 To 30000, Deduct	*-0.11*	
		For >30000, Deduct	*-0.15*	
09 91 43 00-0022	SF	Commercial Blast - Tight Mill Scale With Fine Powder Rust 3 LB/SF = 800 LB/Hour	1.05	
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 15000, Deduct	*-0.10*	
		For >15000 To 30000, Deduct	*-0.15*	
		For >30000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 43 00-0023	SF	Commercial Blast - Exterior Coating Blistered Pitted, Rust 4 LB/SF = 800 LB/Hour	1.54	
		For Up To 100, Add	*1.01*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >5000 To 10000, Deduct	*-0.07*	
		For >10000 To 15000, Deduct	*-0.15*	
		For >15000 To 30000, Deduct	*-0.23*	
		For >30000, Deduct	*-0.30*	
09 91 43 00-0024	SF	Commercial Blast - Badly Pitted With Rust Nodules 6.7 LB/SF = 800 LB/HR	2.57	
		For Up To 100, Add	*1.68*	
		For >100 To 250, Add	*0.78*	
		For >250 To 500, Add	*0.34*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 15000, Deduct	*-0.24*	
		For >15000 To 30000, Deduct	*-0.38*	
		For >30000, Deduct	*-0.50*	
09 91 43 00-0025	SF	Near White Blast - Loose Mill Scale With Fine Powder Rust 5.6 LB/SF = 896 LB/Hour	1.95	
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.25*	
		For >5000 To 10000, Deduct	*-0.09*	
		For >10000 To 15000, Deduct	*-0.18*	
		For >15000 To 30000, Deduct	*-0.28*	
		For >30000, Deduct	*-0.38*	
09 91 43 00-0026	SF	Near White Blast - Tight Mill Scale Little Rust 6.9 LB/SF = 896 LB/Hour	2.41	
		For Up To 100, Add	*1.55*	
		For >100 To 250, Add	*0.72*	
		For >250 To 500, Add	*0.31*	
		For >5000 To 10000, Deduct	*-0.11*	
		For >10000 To 15000, Deduct	*-0.23*	
		For >15000 To 30000, Deduct	*-0.35*	
		For >30000, Deduct	*-0.46*	
09 91 43 00-0027	SF	Near White Blast - Exterior Coat Blistered Pitted Rust 9 LB/SF = 900 LB/Hour	3.13	
		For Up To 100, Add	*2.01*	
		For >100 To 250, Add	*0.94*	
		For >250 To 500, Add	*0.40*	
		For >5000 To 10000, Deduct	*-0.15*	
		For >10000 To 15000, Deduct	*-0.30*	
		For >15000 To 30000, Deduct	*-0.46*	
		For >30000, Deduct	*-0.60*	
09 91 43 00-0028	SF	Near White Blast - Badly Pitted Rust Nodules 11.3 LB/SF = 904 LB/hour	3.91	
		For Up To 100, Add	*2.51*	
		For >100 To 250, Add	*1.17*	
		For >250 To 500, Add	*0.50*	
		For >5000 To 10000, Deduct	*-0.18*	
		For >10000 To 15000, Deduct	*-0.37*	
		For >15000 To 30000, Deduct	*-0.57*	
		For >30000, Deduct	*-0.75*	

09 91 43 00-0029 Tile *(09 91 43 00-0001)*

09 91 43 00-0030	SF	Clean Tile With Alkaline Cleaner	0.32	
		For Up To 100, Add	*0.24*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
		For >5000 To 10000, Deduct	*-0.02*	
		For >10000 To 15000, Deduct	*-0.03*	
		For >15000 To 30000, Deduct	*-0.05*	
		For >30000, Deduct	*-0.06*	
09 91 43 00-0031	SF	Pressure Wash Tile, Up To 5,000 PSI	0.26	
		For Up To 100, Add	*0.17*	
		For >100 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.03*	
		For >5000 To 10000, Deduct	*-0.01*	
		For >10000 To 15000, Deduct	*-0.02*	
		For >15000 To 30000, Deduct	*-0.04*	
		For >30000, Deduct	*-0.05*	

09 91 43 00-0032 Wood Surfaces *(09 91 43 00-0001)*

09 91 43 00-0033	SF	Prepare New Wood Floor For Finish, Multi Grit Sanding/Screening	1.10	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >4000, Deduct	*-0.06*	
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >5000 To 10000, Deduct	*-0.05*	
		For >10000 To 15000, Deduct	*-0.11*	
		For >15000 To 30000, Deduct	*-0.16*	
		For >30000, Deduct	*-0.22*	
09 91 43 00-0034	SF	Chemical Clean, Brush And Wash Wood Surfaces	0.45	
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >5000 To 10000, Deduct	*-0.02*	
		For >10000 To 15000, Deduct	*-0.04*	
		For >15000 To 30000, Deduct	*-0.07*	
		For >30000, Deduct	*-0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 43 00-0035	SF	Hand Scrape Wood Surfaces	0.64	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >5000 To 10000, Deduct	*-0.03*	
		For >10000 To 15000, Deduct	*-0.06*	
		For >15000 To 30000, Deduct	*-0.10*	
		For >30000, Deduct	*-0.13*	
09 91 43 00-0036	SF	Steam Clean Wood Surfaces	0.57	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >5000 To 10000, Deduct	*-0.03*	
		For >10000 To 15000, Deduct	*-0.05*	
		For >15000 To 30000, Deduct	*-0.08*	
		For >30000, Deduct	*-0.11*	
09 91 43 00-0037	SF	Pressure Wash Wood Surfaces, Up To 5,000 PSI	0.39	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >5000 To 10000, Deduct	*-0.02*	
		For >10000 To 15000, Deduct	*-0.04*	
		For >15000 To 30000, Deduct	*-0.06*	
		For >30000, Deduct	*-0.08*	
09 91 43 00-0038	SF	Sanding Wood Paneling, Boards, Doors, Etcetera	0.66	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >5000 To 10000, Deduct	*-0.03*	
		For >10000 To 15000, Deduct	*-0.06*	
		For >15000 To 30000, Deduct	*-0.10*	
		For >30000, Deduct	*-0.13*	
09 91 43 00-0039	SF	Sanding Wood Trim	0.89	
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >5000 To 10000, Deduct	*-0.04*	
		For >10000 To 15000, Deduct	*-0.09*	
		For >15000 To 30000, Deduct	*-0.13*	
		For >30000, Deduct	*-0.18*	
09 91 43 00-0040	SF	Prime Wood Surfaces With Linseed Oil, 1 Coat	0.57	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >5000 To 10000, Deduct	*-0.03*	
		For >10000 To 15000, Deduct	*-0.05*	
		For >15000 To 30000, Deduct	*-0.08*	
		For >30000, Deduct	*-0.11*	
09 91 43 00-0041	SF	Paint Wood Surfaces With Linseed Oil, 1 Coat	0.66	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >5000 To 10000, Deduct	*-0.03*	
		For >10000 To 15000, Deduct	*-0.06*	
		For >15000 To 30000, Deduct	*-0.10*	
		For >30000, Deduct	*-0.13*	

09 91 43 00-0042 Vinyl Siding Surfaces *(09 91 43 00-0001)*

09 91 43 00-0043	SF	Hand Wash Vinyl Siding	0.51	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >5000 To 10000, Deduct	*-0.03*	
		For >10000 To 15000, Deduct	*-0.05*	
		For >15000 To 30000, Deduct	*-0.08*	
		For >30000, Deduct	*-0.10*	
09 91 43 00-0044	SF	Pressure Wash Vinyl Siding, Up To 5,000 PSI	0.32	
		For Up To 100, Add	*0.20*	
		For >100 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.04*	
		For >5000 To 10000, Deduct	*-0.01*	
		For >10000 To 15000, Deduct	*-0.03*	
		For >15000 To 30000, Deduct	*-0.05*	
		For >30000, Deduct	*-0.06*	
09 91 43 00-0045	SF	Steam Clean Vinyl Siding	0.60	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >5000 To 10000, Deduct	*-0.03*	
		For >10000 To 15000, Deduct	*-0.06*	
		For >15000 To 30000, Deduct	*-0.09*	
		For >30000, Deduct	*-0.12*	

09 91 43 00-0046 Prep Work *(09 91 43 00-0001)*

09 91 43 00-0047	SF	Citrus Strip, Single Applications	0.84	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 43 00-0048		**Plaster/Stucco** *(09 91 43 00-0001)* Note: Based on total project quantity.		
09 91 43 00-0049		**Pressure Washing** *(09 91 43 00-0048)*		
09 91 43 00-0050	SF	Pressure Wash Stucco, Up To 5,000 PSI	0.41	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >5000 To 10000, Deduct	*-0.02*	
		For >10000 To 15000, Deduct	*-0.04*	
		For >15000 To 30000, Deduct	*-0.06*	
		For >30000, Deduct	*-0.08*	
09 91 43 00-0051		**Paint Removal, Strip To Bare Wood** *(09 91 43 00-0001)*		
09 91 43 00-0052	SF	Flat Surfaces, Paint Removal, Strip To Bare Wood	5.90	
09 91 43 00-0053	SF	Cornices And Decorative Trim To 12" Wide, Paint Removal, Strip To Bare Wood	6.29	

09 93 Staining And Transparent Finishing *(09 90)*

Note: Includes light sanding or screening between coats.

09 93 00 00-0001		**Concrete Finishes** *(09 93)*		
09 93 00 00-0002	SF	One Coat Polyurethane Concrete Floor Finish	0.69	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >4000, Deduct	*-0.03*	
09 93 00 00-0003		**Wood Trim Finishes** *(09 93)*		
09 93 00 00-0004	LF	One Coat Stain Up To 6" Wide With Brush And Wipe Off Wood Trim	0.92	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >4000, Deduct	*-0.05*	
09 93 00 00-0005	SF	One Coat Stain With Brush And Wipe Off Wood Trim	1.38	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >4000, Deduct	*-0.07*	
09 93 00 00-0006	SF	One Coat Sealer And One Coat Varnish Or Polyurethane Wood Trim	1.14	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >4000, Deduct	*-0.06*	
09 93 00 00-0007	SF	One Coat Varnish Or Polyurethane Wood Trim	0.75	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >4000, Deduct	*-0.04*	
09 93 00 00-0008		**Wood Door And Window Finishes** *(09 93)* See CSI section 08 14 16 00-0175 for factory finish.		
09 93 00 00-0009	EA	One Coat Stain With Brush And Wipe Off Wood Door (Per Face)	44.06	
		For Up To 4, Add	*32.05*	
		For >4 To 10, Add	*15.01*	
		For >10 To 20, Add	*6.44*	
		For >160, Deduct	*-2.20*	
09 93 00 00-0010	EA	One Coat Stain With Brush And Wipe Off Wood Window And Frame (Per Face)	31.51	
		For Up To 4, Add	*22.16*	
		For >4 To 10, Add	*10.42*	
		For >10 To 20, Add	*4.48*	
		For >160, Deduct	*-1.58*	
09 93 00 00-0011	EA	One Coat Shellac, Varnish Or Polyurethane Wood Door (Per Face)	31.98	
		For Up To 4, Add	*23.12*	
		For >4 To 10, Add	*10.83*	
		For >10 To 20, Add	*4.65*	
		For >160, Deduct	*-1.60*	
09 93 00 00-0012	EA	Three Coats Shellac, Varnish Or Polyurethane Wood Door With Light Sanding Between Coats (Per Face)	97.38	
		For Up To 4, Add	*69.05*	
		For >4 To 10, Add	*32.42*	
		For >10 To 20, Add	*13.94*	
		For >160, Deduct	*-4.87*	
09 93 00 00-0013		**Wood Floor Finishes** *(09 93)*		
09 93 00 00-0014	SF	Stain Or Varnish Wood Floor With Brush	0.44	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >4000, Deduct	*-0.02*	
09 93 00 00-0015	SF	Stain Or Varnish Wood Floor With Brush Or Roller	0.34	
		For Up To 100, Add	*0.18*	
		For >100 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.04*	
		For >4000, Deduct	*-0.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 00 00-0016	SF	Refinish Wood Floor With Two Coats Polyurethane Note: Includes sanding existing floor.	2.33	
		For Up To 100, Add	*1.63*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.33*	
		For >4000, Deduct	*-0.12*	
09 93 00 00-0017	SF	One Coat Polyurethane Wood Floor With Wool Applicator Or Brush Note: Includes screening between coats.	0.58	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >4000, Deduct	*-0.03*	
09 93 00 00-0018	SF	Refinish Wood Floor With One Coat Sealer And Two Coats Polyurethane Note: Includes sanding existing floor.	2.64	
		For Up To 100, Add	*1.84*	
		For >100 To 250, Add	*0.86*	
		For >250 To 500, Add	*0.37*	
		For >4000, Deduct	*-0.13*	

09 93 00 00-0019 Cabinet Finishes *(09 93)*

09 93 00 00-0020	SF	One Coat Stain With Brush And Wipe Cabinet	1.10	
09 93 00 00-0021	SF	One Coat Shellac, Varnish Or Polyurethane Cabinet	1.11	

09 93 00 00-0022 Gym, Stage And Dance Floor Finishes *(09 93)*

09 93 00 00-0023	SF	Yearly Maintenance Refinish Of Gym, Stage Or Dance Floor Note: Includes screening, one coat of finish and buffing. Excludes repainting of game lines.	0.56	
09 93 00 00-0024	SF	Finish New Elementary School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.03	
		For Stage Or Dance Floors, Deduct	*-0.06*	
09 93 00 00-0025	SF	Finish New Middle Or Junior School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.11	
		For Stage Or Dance Floors, Deduct	*-0.06*	
09 93 00 00-0026	SF	Finish New High School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.18	
		For Stage Or Dance Floors, Deduct	*-0.06*	
09 93 00 00-0027	SF	Refinish Existing Elementary School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	2.08	
		For Stage Or Dance Floors, Deduct	*-0.04*	
09 93 00 00-0028	SF	Refinish Existing Middle Or Junior School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	2.14	
		For Stage Or Dance Floors, Deduct	*-0.04*	
09 93 00 00-0029	SF	Refinish Existing High School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	2.21	
		For Stage Or Dance Floors, Deduct	*-0.04*	

09 94 Decorative Finishing *(09 90)*

09 94 13 Textured Finishing *(09 94)*

09 94 13 00-0001	SF	Textured Metallic Paint (Scufmaster Enviromental)	1.80	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.18*	

09 96 High-Performance Coatings *(09 90)*

09 96 23 Graffiti-Resistant Coatings *(09 96)*

09 96 23 00-0001 Anti-Graffiti Painting *(09 96 23)*

09 96 23 00-0002	SF	Anti-Graffiti Coating System, One Coat, Concrete Surface	1.36	
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
09 96 23 00-0003	SF	Anti-Graffiti Coating System, One Coat, Brick Or Block	1.39	
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
09 96 23 00-0004	SF	Anti-Graffiti Coating System, One Coat, Tile	1.18	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 23 00-0005	SF	Anti-Graffiti Coating System, One Coat, Metal Or Steel	1.15	
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
09 96 23 00-0006	SF	Anti-Graffiti Coating System, One Coat, Wood	1.36	
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
09 96 23 00-0007	SF	Anti-Graffiti Coating System, One Coat, Painted Surface	1.24	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
09 96 23 00-0008	SF	Anti-Graffiti Coating System, Two Coats, Concrete Surface	2.58	
		For Up To 100, Add	*1.31*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
09 96 23 00-0009	SF	Anti-Graffiti Coating System, Two Coats, Brick Or Block	2.64	
		For Up To 100, Add	*1.31*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.29*	
09 96 23 00-0010	SF	Anti-Graffiti Coating System, Two Coats, Tile	2.22	
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
09 96 23 00-0011	SF	Anti-Graffiti Coating System, Two Coats, Metal Or Steel	2.16	
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
09 96 23 00-0012	SF	Anti-Graffiti Coating System, Two Coats, Wood	2.55	
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
09 96 23 00-0013	SF	Anti-Graffiti Coating System, Two Coats, Painted Surface	2.34	
		For Up To 100, Add	*1.27*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	

09 96 35 Chemical-Resistant Coatings *(09 96)*

09 96 35 00-0001 Sanitile Wall For Interior Wall Systems *(09 96 35)*

09 96 35 00-0002 Sanitile 550 System For All Interior Wall Surfaces *(09 96 35 00-0001)*

09 96 35 00-0003	SF	7-9 Mil DFT - 2 Coats Base, 1 Coat Finish	3.75	1.64
09 96 35 00-0004	SF	5-7 Mil DFT - 1 Coat Base, 1 Coat Finish	3.48	1.64

09 96 35 00-0005 Sanitile System For All Interior Wall Surfaces *(09 96 35 00-0001)*

09 96 35 00-0006	SF	7-9 Mil DFT - 2 Coats Base, 1 Coat Finish	3.70	1.71
09 96 35 00-0007	SF	5-7 Mil DFT - 1 Coat Base, 1 Coat Finish	3.43	1.71

09 96 53 Elastomeric Coatings *(09 96)*

09 96 53 00-0001 Elastomeric Painting *(09 96 53)*

Note: Per coat.

09 96 53 00-0002	SF	Paint, Brush, Elastomeric, Per Coat	1.81	
		For Work >20', Add	*0.32*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2500 To 5000, Deduct	*-0.09*	
		For >5000 To 10000, Deduct	*-0.18*	
		For >10000 To 20000, Deduct	*-0.27*	
		For >20000, Deduct	*-0.36*	
09 96 53 00-0003	SF	Paint, Roller, Elastomeric, Per Coat	1.43	
		For Work >20', Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.14*	
		For >10000 To 20000, Deduct	*-0.21*	
		For >20000, Deduct	*-0.29*	
09 96 53 00-0004	SF	Paint, Conventional Spray, Elastomeric, Per Coat	1.37	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2500 To 5000, Deduct	*-0.07*	
		For >5000 To 10000, Deduct	*-0.14*	
		For >10000 To 20000, Deduct	*-0.21*	
		For >20000, Deduct	*-0.27*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0005	SF	Paint, Airless Spray, Elastomeric, Per Coat	1.22	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2500 To 5000, Deduct	*-0.06*	
		For >5000 To 10000, Deduct	*-0.12*	
		For >10000 To 20000, Deduct	*-0.18*	
		For >20000, Deduct	*-0.24*	

09 96 56 Epoxy Coatings *(09 96)*

09 96 56 00-0001 High Build Epoxy *(09 96 56)*

09 96 56 00-0002	SF	High Build Epoxy - 50 Mil	2.39	

09 96 56 00-0003 Laminated Epoxy With Fiberglass *(09 96 56)*

09 96 56 00-0004	SF	Laminated Epoxy With Fiberglass	4.38	

09 96 66 Aggregate Wall Coatings *(09 96)*

09 96 66 00-0001 Troweled On *(09 96 66)*

09 96 66 00-0002	SF	Exposed Aggregate - 1/16" To 1/4" - Troweled On	3.27	
09 96 66 00-0003	SF	Exposed Aggregate - 1/2" To 5/8" Troweled On	5.87	
09 96 66 00-0004	SF	Exposed Aggregate - 1" Troweled On	8.76	

09 96 66 00-0005 Sprayed On *(09 96 66)*

09 96 66 00-0006	SF	Exposed Aggregate - 1/8" - Sprayed On	2.66	

09 97 Special Coatings *(09 90)*

09 97 00 00-0001 Surface Preparation For Tanks And Structural Steel *(09 97)*

Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter, and piping - under 14" diameter.

09 97 00 00-0002 SSPC SP7 Brush Off Blast Cleaning Surface Preparation *(09 97 00 00-0001)*

09 97 00 00-0003	SF	Type 1 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	0.88	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
09 97 00 00-0004	SF	Type 2 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	0.78	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
09 97 00 00-0005	SF	Type 3 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	0.77	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
09 97 00 00-0006	SF	Small Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.74	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
09 97 00 00-0007	SF	Large Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.60	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
09 97 00 00-0008	SF	Up To 14" Diameter Pipe SP7 Brush Off Blast Cleaning Surface Preparation	1.10	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
09 97 00 00-0009	SF	Vessel/Tank Interior SP7 Brush Off Blast Cleaning Surface Preparation	1.06	
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	

09 97 00 00-0010 SSPC SP6 Commercial Blast Cleaning Surface Preparation *(09 97 00 00-0001)*

09 97 00 00-0011	SF	Type 1 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	2.27	
		For Up To 100, Add	*1.62*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
09 97 00 00-0012	SF	Type 2 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	1.96	
		For Up To 100, Add	*1.39*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
09 97 00 00-0013	SF	Type 3 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	1.82	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
09 97 00 00-0014	SF	Small Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation	1.82	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 00 00-0015	SF	Large Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation	1.67	
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
09 97 00 00-0016	SF	Up To 14" Diameter Pipe SP6 Commercial Blast Cleaning Surface Preparation	2.84	
		For Up To 100, Add	*2.05*	
		For >100 To 250, Add	*0.96*	
		For >250 To 500, Add	*0.41*	
09 97 00 00-0017	SF	Vessel/Tank Interior SP6 Commercial Blast Cleaning Surface Preparation	2.44	
		For Up To 100, Add	*1.75*	
		For >100 To 250, Add	*0.82*	
		For >250 To 500, Add	*0.35*	

09 97 00 00-0018 SSPC SP5 White Metal Blast Cleaning Surface Preparation *(09 97 00 00-0001)*

09 97 00 00-0019	SF	Type 1 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	4.41	
		For Up To 100, Add	*3.16*	
		For >100 To 250, Add	*1.48*	
		For >250 To 500, Add	*0.64*	
09 97 00 00-0020	SF	Type 2 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	3.77	
		For Up To 100, Add	*2.70*	
		For >100 To 250, Add	*1.26*	
		For >250 To 500, Add	*0.54*	
09 97 00 00-0021	SF	Type 3 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	3.46	
		For Up To 100, Add	*2.46*	
		For >100 To 250, Add	*1.16*	
		For >250 To 500, Add	*0.50*	
09 97 00 00-0022	SF	Small Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation	3.29	
		For Up To 100, Add	*2.34*	
		For >100 To 250, Add	*1.10*	
		For >250 To 500, Add	*0.47*	
09 97 00 00-0023	SF	Large Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation	3.14	
		For Up To 100, Add	*2.23*	
		For >100 To 250, Add	*1.05*	
		For >250 To 500, Add	*0.45*	
09 97 00 00-0024	SF	Up To 14" Diameter Pipe SP5 White Metal Blast Cleaning Surface Preparation	5.32	
		For Up To 100, Add	*3.85*	
		For >100 To 250, Add	*1.80*	
		For >250 To 500, Add	*0.78*	
09 97 00 00-0025	SF	Vessel/Tank Interior SP5 White Metal Blast Cleaning Surface Preparation	4.60	
		For Up To 100, Add	*3.32*	
		For >100 To 250, Add	*1.56*	
		For >250 To 500, Add	*0.67*	

09 97 00 00-0026 SSPC SP10 Near White Metal Blast Cleaning Surface Preparation *(09 97 00 00-0001)*

09 97 00 00-0027	SF	Type 1 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	3.27	
		For Up To 100, Add	*2.34*	
		For >100 To 250, Add	*1.10*	
		For >250 To 500, Add	*0.47*	
09 97 00 00-0028	SF	Type 2 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	2.79	
		For Up To 100, Add	*1.99*	
		For >100 To 250, Add	*0.93*	
		For >250 To 500, Add	*0.40*	
09 97 00 00-0029	SF	Type 3 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	2.64	
		For Up To 100, Add	*1.88*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.38*	
09 97 00 00-0030	SF	Small Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation	2.63	
		For Up To 100, Add	*1.88*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.38*	
09 97 00 00-0031	SF	Large Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation	2.63	
		For Up To 100, Add	*1.88*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.38*	
09 97 00 00-0032	SF	Up To 14" Diameter Pipe SP10 Near White Metal Blast Cleaning Surface Preparation	3.87	
		For Up To 100, Add	*2.80*	
		For >100 To 250, Add	*1.31*	
		For >250 To 500, Add	*0.56*	
09 97 00 00-0033	SF	Vessel/Tank Interior SP10 Near White Metal Blast Cleaning Surface Preparation	3.86	
		For Up To 100, Add	*2.80*	
		For >100 To 250, Add	*1.31*	
		For >250 To 500, Add	*0.56*	

09 97 00 00-0034 Protective Coatings For Tanks And Structural Steel *(09 97)*

Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter, and piping - under 14" diameter.

09 97 00 00-0035 1.5 Mil Prime Coat For Tanks And Structural Steel *(09 97 00 00-0034)*

09 97 00 00-0036	SF	Spray Type 1 Structural Steel 1.5 Mil Prime Coat	0.82	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
09 97 00 00-0037	SF	Spray Type 2 Structural Steel 1.5 Mil Prime Coat	0.61	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 00 00-0038	SF	Spray Type 3 Structural Steel 1.5 Mil Prime Coat	0.54	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
09 97 00 00-0039	SF	Spray Small Vessel/Tank 1.5 Mil Prime Coat	0.47	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
09 97 00 00-0040	SF	Spray Large Vessel/Tank 1.5 Mil Prime Coat	0.38	
		For Up To 100, Add	*0.24*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
09 97 00 00-0041	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime Coat	0.99	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
09 97 00 00-0042	SF	Spray Tank Interior 1.5 Mil Prime Coat	0.94	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
09 97 00 00-0043	SF	Brush Type 1 Structural Steel 1.5 Mil Prime Coat	1.27	
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
09 97 00 00-0044	SF	Brush Type 2 Structural Steel 1.5 Mil Prime Coat	0.92	
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
09 97 00 00-0045	SF	Brush Type 3 Structural Steel 1.5 Mil Prime Coat	0.82	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
09 97 00 00-0046	SF	Brush Small Vessel/Tank 1.5 Mil Prime Coat	0.71	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 97 00 00-0047	SF	Brush Large Vessel/Tank 1.5 Mil Prime Coat	0.56	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
09 97 00 00-0048	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime Coat	1.53	
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
09 97 00 00-0049	SF	Brush Tank Interior 1.5 Mil Prime Coat	1.46	
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	

09 97 00 00-0050 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Tanks And Structural Steel *(09 97 00 00-0034)*

09 97 00 00-0051	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.41	
		For Up To 100, Add	*1.63*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.33*	
09 97 00 00-0052	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.72	
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
09 97 00 00-0053	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.59	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
09 97 00 00-0054	SF	Spray Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.38	
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
09 97 00 00-0055	SF	Spray Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.05	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
09 97 00 00-0056	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.95	
		For Up To 100, Add	*2.03*	
		For >100 To 250, Add	*0.96*	
		For >250 To 500, Add	*0.41*	
09 97 00 00-0057	SF	Spray Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.63	
		For Up To 100, Add	*1.82*	
		For >100 To 250, Add	*0.86*	
		For >250 To 500, Add	*0.37*	
09 97 00 00-0058	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.81	
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
09 97 00 00-0059	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.29	
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 00 00-0060	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.19	
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
09 97 00 00-0061	SF	Spray Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.05	
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
09 97 00 00-0062	SF	Spray Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	0.80	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 97 00 00-0063	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.21	
		For Up To 100, Add	*1.52*	
		For >100 To 250, Add	*0.72*	
		For >250 To 500, Add	*0.31*	
09 97 00 00-0064	SF	Spray Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.98	
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
09 97 00 00-0065	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.01	
		For Up To 100, Add	*2.83*	
		For >100 To 250, Add	*1.33*	
		For >250 To 500, Add	*0.57*	
09 97 00 00-0066	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.82	
		For Up To 100, Add	*1.95*	
		For >100 To 250, Add	*0.92*	
		For >250 To 500, Add	*0.40*	
09 97 00 00-0067	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.59	
		For Up To 100, Add	*1.78*	
		For >100 To 250, Add	*0.84*	
		For >250 To 500, Add	*0.36*	
09 97 00 00-0068	SF	Brush Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.23	
		For Up To 100, Add	*1.52*	
		For >100 To 250, Add	*0.72*	
		For >250 To 500, Add	*0.31*	
09 97 00 00-0069	SF	Brush Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.65	
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
09 97 00 00-0070	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.94	
		For Up To 100, Add	*3.52*	
		For >100 To 250, Add	*1.65*	
		For >250 To 500, Add	*0.71*	
09 97 00 00-0071	SF	Brush Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.43	
		For Up To 100, Add	*3.17*	
		For >100 To 250, Add	*1.49*	
		For >250 To 500, Add	*0.64*	
09 97 00 00-0072	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.00	
		For Up To 100, Add	*2.12*	
		For >100 To 250, Add	*1.00*	
		For >250 To 500, Add	*0.43*	
09 97 00 00-0073	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.11	
		For Up To 100, Add	*1.46*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
09 97 00 00-0074	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.94	
		For Up To 100, Add	*1.34*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.27*	
09 97 00 00-0075	SF	Brush Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.68	
		For Up To 100, Add	*1.14*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
09 97 00 00-0076	SF	Brush Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.24	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
09 97 00 00-0077	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.71	
		For Up To 100, Add	*2.64*	
		For >100 To 250, Add	*1.24*	
		For >250 To 500, Add	*0.53*	
09 97 00 00-0078	SF	Brush Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.33	
		For Up To 100, Add	*2.38*	
		For >100 To 250, Add	*1.12*	
		For >250 To 500, Add	*0.48*	

09 97 00 00-0079 Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Tanks And Structural Steel *(09 97 00 00-0034)*

09 97 00 00-0080	SF	Spray Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.87	
		For Up To 100, Add	*1.27*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
09 97 00 00-0081	SF	Spray Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.52	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 00 00-0082	SF	Spray Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.39	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
09 97 00 00-0083	SF	Spray Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.24	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
09 97 00 00-0084	SF	Spray Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.05	
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
09 97 00 00-0085	SF	Spray Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.33	
		For Up To 100, Add	*1.62*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
09 97 00 00-0086	SF	Spray Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.77	
		For Up To 100, Add	*1.96*	
		For >100 To 250, Add	*0.92*	
		For >250 To 500, Add	*0.40*	
09 97 00 00-0087	SF	Spray Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.19	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
09 97 00 00-0088	SF	Spray Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	0.98	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
09 97 00 00-0089	SF	Spray Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	0.89	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
09 97 00 00-0090	SF	Spray Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	0.80	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
09 97 00 00-0091	SF	Spray Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	0.67	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
09 97 00 00-0092	SF	Spray Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.49	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
09 97 00 00-0093	SF	Spray Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats	1.77	
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.25*	
09 97 00 00-0094	SF	Brush Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.86	
		For Up To 100, Add	*2.01*	
		For >100 To 250, Add	*0.95*	
		For >250 To 500, Add	*0.41*	
09 97 00 00-0095	SF	Brush Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.32	
		For Up To 100, Add	*1.62*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
09 97 00 00-0096	SF	Brush Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.10	
		For Up To 100, Add	*1.46*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
09 97 00 00-0097	SF	Brush Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.88	
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
09 97 00 00-0098	SF	Brush Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.57	
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
09 97 00 00-0099	SF	Brush Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.61	
		For Up To 100, Add	*2.58*	
		For >100 To 250, Add	*1.21*	
		For >250 To 500, Add	*0.52*	
09 97 00 00-0100	SF	Brush Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats	4.64	
		For Up To 100, Add	*3.41*	
		For >100 To 250, Add	*1.59*	
		For >250 To 500, Add	*0.68*	
09 97 00 00-0101	SF	Brush Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.83	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
09 97 00 00-0102	SF	Brush Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.49	
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
09 97 00 00-0103	SF	Brush Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.35	
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 00 00-0104	SF	Brush Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.21	
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
09 97 00 00-0105	SF	Brush Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.00	
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
09 97 00 00-0106	SF	Brush Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat	2.31	
		For Up To 100, Add	*1.65*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.33*	
09 97 00 00-0107	SF	Brush Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats	3.01	
		For Up To 100, Add	*2.19*	
		For >100 To 250, Add	*1.02*	
		For >250 To 500, Add	*0.44*	

09 97 00 00-0108 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Tanks And Structural Steel *(09 97 00 00-0034)*

09 97 00 00-0109	SF	Spray Type 1 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.97	
		For Up To 100, Add	*1.87*	
		For >100 To 250, Add	*0.89*	
		For >250 To 500, Add	*0.39*	
09 97 00 00-0110	SF	Spray Type 2 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.13	
		For Up To 100, Add	*1.27*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.27*	
09 97 00 00-0111	SF	Spray Type 3 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.86	
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
09 97 00 00-0112	SF	Spray Small Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.72	
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.21*	
09 97 00 00-0113	SF	Spray Large Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.46	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
09 97 00 00-0114	SF	Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	3.39	
		For Up To 100, Add	*2.17*	
		For >100 To 250, Add	*1.03*	
		For >250 To 500, Add	*0.45*	
09 97 00 00-0115	SF	Spray Type 1 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.08	
		For Up To 100, Add	*1.31*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
09 97 00 00-0116	SF	Spray Type 2 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.49	
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
09 97 00 00-0117	SF	Spray Type 3 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.31	
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
09 97 00 00-0118	SF	Spray Small Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.21	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
09 97 00 00-0119	SF	Spray Large Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.02	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
09 97 00 00-0120	SF	Spray Up To 14" Diameter Pipe Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.37	
		For Up To 100, Add	*1.52*	
		For >100 To 250, Add	*0.72*	
		For >250 To 500, Add	*0.31*	

09 97 00 00-0121 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Tanks And Structural Steel *(09 97 00 00-0034)*

09 97 00 00-0122	SF	Spray Type 1 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	3.14	
		For Up To 100, Add	*1.89*	
		For >100 To 250, Add	*0.91*	
		For >250 To 500, Add	*0.39*	
09 97 00 00-0123	SF	Spray Type 2 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.29	
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.27*	
09 97 00 00-0124	SF	Spray Type 3 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.02	
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
09 97 00 00-0125	SF	Spray Small Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	1.87	
		For Up To 100, Add	*0.99*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 00 00-0126	SF	Spray Large Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	1.61	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
09 97 00 00-0127	SF	Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	3.56	
		For Up To 100, Add	*2.20*	
		For >100 To 250, Add	*1.05*	
		For >250 To 500, Add	*0.46*	
09 97 00 00-0128	SF	Spray Type 1 Structural Steel Two 6 Mil High Build Epoxy Finish Coats	2.58	
		For Up To 100, Add	*1.56*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.32*	
09 97 00 00-0129	SF	Spray Type 2 Structural Steel Two 6 Mil High Build Epoxy Finish Coats	1.87	
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
09 97 00 00-0130	SF	Spray Type 3 Structural Steel Two 6 Mil High Build Epoxy Finish Coats	1.65	
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
09 97 00 00-0131	SF	Spray Small Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	1.53	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
09 97 00 00-0132	SF	Spray Large Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	1.31	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
09 97 00 00-0133	SF	Spray Up To 14" Diameter Pipe Two 6 Mil High Build Epoxy Finish Coats	2.92	
		For Up To 100, Add	*1.80*	
		For >100 To 250, Add	*0.86*	
		For >250 To 500, Add	*0.37*	

09 97 00 00-0134 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Tanks And Structural Steel *(09 97 00 00-0034)*

09 97 00 00-0135	SF	Spray Type 1 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	6.63	
		For Up To 100, Add	*4.08*	
		For >100 To 250, Add	*1.95*	
		For >250 To 500, Add	*0.85*	
09 97 00 00-0136	SF	Spray Type 2 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	4.95	
		For Up To 100, Add	*2.92*	
		For >100 To 250, Add	*1.40*	
		For >250 To 500, Add	*0.61*	
09 97 00 00-0137	SF	Spray Type 3 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	4.75	
		For Up To 100, Add	*2.77*	
		For >100 To 250, Add	*1.33*	
		For >250 To 500, Add	*0.58*	
09 97 00 00-0138	SF	Spray Small Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	4.58	
		For Up To 100, Add	*2.67*	
		For >100 To 250, Add	*1.28*	
		For >250 To 500, Add	*0.56*	
09 97 00 00-0139	SF	Spray Large Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	4.19	
		For Up To 100, Add	*2.37*	
		For >100 To 250, Add	*1.15*	
		For >250 To 500, Add	*0.50*	
09 97 00 00-0140	SF	Spray Up To 14" Diameter Pipe 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	7.78	
		For Up To 100, Add	*4.93*	
		For >100 To 250, Add	*2.35*	
		For >250 To 500, Add	*1.02*	
09 97 00 00-0141	SF	Spray Tank Interior 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	7.22	
		For Up To 100, Add	*4.65*	
		For >100 To 250, Add	*2.21*	
		For >250 To 500, Add	*0.96*	

09 97 00 00-0142 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Tanks And Structural Steel *(09 97 00 00-0034)*

09 97 00 00-0143	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.42	
		For Up To 100, Add	*1.98*	
		For >100 To 250, Add	*0.95*	
		For >250 To 500, Add	*0.42*	
09 97 00 00-0144	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	2.62	
		For Up To 100, Add	*1.38*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.30*	
09 97 00 00-0145	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	2.49	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.28*	
09 97 00 00-0146	SF	Spray Small Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	2.33	
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
09 97 00 00-0147	SF	Spray Large Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	2.05	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 00 00-0148	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.92	
		For Up To 100, Add	*2.33*	
		For >100 To 250, Add	*1.12*	
		For >250 To 500, Add	*0.49*	
09 97 00 00-0149	SF	Spray Tank Interior 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.63	
		For Up To 100, Add	*2.21*	
		For >100 To 250, Add	*1.06*	
		For >250 To 500, Add	*0.46*	
09 97 00 00-0150	SF	Spray Type 1 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	2.70	
		For Up To 100, Add	*1.56*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.33*	
09 97 00 00-0151	SF	Spray Type 2 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	2.07	
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
09 97 00 00-0152	SF	Spray Type 3 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	1.97	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
09 97 00 00-0153	SF	Spray Small Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats	1.85	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
09 97 00 00-0154	SF	Spray Large Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats	1.62	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
09 97 00 00-0155	SF	Spray Up To 14" Diameter Pipe Two 4 Mil High Build Vinyl Finish Coats	3.10	
		For Up To 100, Add	*1.85*	
		For >100 To 250, Add	*0.89*	
		For >250 To 500, Add	*0.39*	
09 97 00 00-0156	SF	Spray Tank Interior Two 4 Mil High Build Vinyl Finish Coats	2.87	
		For Up To 100, Add	*1.74*	
		For >100 To 250, Add	*0.83*	
		For >250 To 500, Add	*0.36*	

09 97 00 00-0157 Two 8 Mil Coal Tar Epoxy Coats For Tanks And Structural Steel *(09 97 00 00-0034)*

09 97 00 00-0158	SF	Spray Type 1 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	2.99	
		For Up To 100, Add	*1.91*	
		For >100 To 250, Add	*0.91*	
		For >250 To 500, Add	*0.39*	
09 97 00 00-0159	SF	Spray Type 2 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	2.42	
		For Up To 100, Add	*1.52*	
		For >100 To 250, Add	*0.72*	
		For >250 To 500, Add	*0.31*	
09 97 00 00-0160	SF	Spray Type 3 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	2.21	
		For Up To 100, Add	*1.36*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
09 97 00 00-0161	SF	Spray Small Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats	2.20	
		For Up To 100, Add	*1.36*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
09 97 00 00-0162	SF	Spray Large Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats	1.81	
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
09 97 00 00-0163	SF	Spray Up To 14" Diameter Pipe Two 8 Mil Coal Tar Epoxy Coats	3.74	
		For Up To 100, Add	*2.46*	
		For >100 To 250, Add	*1.17*	
		For >250 To 500, Add	*0.50*	
09 97 00 00-0164	SF	Spray Tank Interior Two 8 Mil Coal Tar Epoxy Coats	2.86	
		For Up To 100, Add	*1.85*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.38*	

09 97 00 00-0165 One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Tanks And Structural Steel *(09 97 00 00-0034)*

09 97 00 00-0166	SF	Spray Type 1 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.93	
		For Up To 100, Add	*1.95*	
		For >100 To 250, Add	*0.92*	
		For >250 To 500, Add	*0.40*	
09 97 00 00-0167	SF	Spray Type 2 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.04	
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
09 97 00 00-0168	SF	Spray Type 3 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	1.71	
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 00 00-0169	SF	Spray Small Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	1.50	
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
09 97 00 00-0170	SF	Spray Large Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	1.37	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
09 97 00 00-0171	SF	Spray Up To 14" Diameter Pipe One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	3.36	
		For Up To 100, Add	*2.25*	
		For >100 To 250, Add	*1.06*	
		For >250 To 500, Add	*0.46*	
09 97 00 00-0172	SF	Spray Tank Interior One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.36	
		For Up To 100, Add	*1.54*	
		For >100 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.32*	

09 97 00 00-0173 Two 6 Mil High Build Epoxy Finish Coats For Tanks Interior *(09 97 00 00-0034)*

09 97 00 00-0174	SF	Spray Small Tank Interior Two 6 Mil High Build Epoxy Finish Coats	3.36	
		For Up To 100, Add	*2.09*	
		For >100 To 250, Add	*1.00*	
		For >250 To 500, Add	*0.43*	
09 97 00 00-0175	SF	Spray Large Tank Interior Two 6 Mil High Build Epoxy Finish Coats	1.97	
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	

09 97 00 00-0176 One 3 Mil High Zinc Silicate Coat For Tanks And Structural Steel *(09 97 00 00-0034)*

09 97 00 00-0177	SF	Spray Type 1 Structural Steel One 3 Mil High Zinc Silicate Coat	1.49	
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
09 97 00 00-0178	SF	Spray Type 2 Structural Steel One 3 Mil High Zinc Silicate Coat	1.06	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
09 97 00 00-0179	SF	Spray Type 3 Structural Steel One 3 Mil High Zinc Silicate Coat	1.00	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
09 97 00 00-0180	SF	Spray Small Vessel/Tank One 3 Mil High Zinc Silicate Coat	0.92	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
09 97 00 00-0181	SF	Spray Large Vessel/Tank One 3 Mil High Zinc Silicate Coat	0.90	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
09 97 00 00-0182	SF	Spray Up To 14" Diameter Pipe One 3 Mil High Zinc Silicate Coat	1.57	
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
09 97 00 00-0183	SF	Spray Tank Interior One 3 Mil High Zinc Silicate Coat	1.51	
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	

09 97 00 00-0184 Two 1.5 Mil Vinyl Enamel Finish Coats For Tanks And Structural Steel *(09 97 00 00-0034)*

Note: Installed over existing primer.

09 97 00 00-0185	SF	Spray Type 1 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	2.36	
		For Up To 100, Add	*1.46*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.30*	
09 97 00 00-0186	SF	Spray Type 2 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	1.91	
		For Up To 100, Add	*1.16*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
09 97 00 00-0187	SF	Spray Type 3 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	1.65	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
09 97 00 00-0188	SF	Spray Small Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats	1.57	
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
09 97 00 00-0189	SF	Spray Large Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats	1.38	
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
09 97 00 00-0190	SF	Spray Up To 14" Diameter Pipe Two 1.5 Mil Vinyl Enamel Finish Coats	2.78	
		For Up To 100, Add	*1.77*	
		For >100 To 250, Add	*0.84*	
		For >250 To 500, Add	*0.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 00 00-0191	SF	Spray Tank Interior Two 1.5 Mil Vinyl Enamel Finish Coats	2.23	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.29*	

09 97 00 00-0192 One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat For Tanks *(09 97 00 00-0034)*

09 97 00 00-0193	SF	Spray/Mop Large Vessel/Tank One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat	5.94	
		For Up To 100, Add	*3.90*	
		For >100 To 250, Add	*1.85*	
		For >250 To 500, Add	*0.80*	

09 97 00 00-0194 Stain Sealer *(09 97)*

Note: Measured by surface area of wall or ceiling.

09 97 00 00-0195	SF	Stain Sealer, Brushed	0.73	
		For Ceiling Work, Add	*0.10*	
		For >5000 To 10000, Deduct	*-0.02*	
		For >10000 To 20000, Deduct	*-0.04*	
		For >20000, Deduct	*-0.06*	
09 97 00 00-0196	SF	Stain Sealer, Brush/Rolled	0.58	
		For Ceiling Work, Add	*0.08*	
		For >5000 To 10000, Deduct	*-0.02*	
		For >10000 To 20000, Deduct	*-0.03*	
		For >20000, Deduct	*-0.05*	
09 97 00 00-0197	SF	Stain Sealer, Sprayed	0.21	
		For Ceiling Work, Add	*0.02*	
		For >5000 To 10000, Deduct	*-0.01*	
		For >10000 To 20000, Deduct	*-0.01*	
		For >20000, Deduct	*-0.02*	

09 97 00 00-0198 Acrylic Glazed Coating *(09 97)*

09 97 00 00-0199	SF	Acrylic Glazed Coating	1.34	

09 97 00 00-0200 Ceramic-Like Glazed Coating *(09 97)*

09 97 00 00-0201 Ceramic-Like Glazed Coating, Cementitious *(09 97 00 00-0200)*

09 97 00 00-0202	SF	Ceramic-like Glazed Coating. - Cementitious	2.00	

09 97 00 00-0203 Ceramic-Like Glazed Coating, Resin Base *(09 97 00 00-0200)*

09 97 00 00-0204	SF	Ceramic-like Glazed Coating - Resin	1.73	

END OF SECTION 09

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 Specialties

10 10 Information Specialties *(10)*

10 11 Visual Display Units *(10 10)*

10 11 13 Chalkboards *(10 11)*

10 11 13 13 Fixed Chalkboards *(10 11 13)*

Note: Select task based off the square footage of an individual chalkboard. For example use the >12 To 16 SF range for each 3' x 5' chalkboard.

10 11 13 13-0001 Porcelain Enamel Steel Chalkboards *(10 11 13 13)*

10 11 13 13-0002 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 800 Series) *(10 11 13 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.

10 11 13 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	40.78	6.93
		For >3 To 9, Deduct	*-2.02*	
		For >9, Deduct	*-4.17*	
10 11 13 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	26.52	3.26
		For >3 To 9, Deduct	*-1.50*	
		For >9, Deduct	*-3.10*	
10 11 13 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	22.94	2.81
		For >3 To 9, Deduct	*-1.30*	
		For >9, Deduct	*-2.68*	
10 11 13 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	19.21	1.83
		For >3 To 9, Deduct	*-1.17*	
		For >9, Deduct	*-2.41*	
10 11 13 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	16.26	1.02
		For >3 To 9, Deduct	*-1.07*	
		For >9, Deduct	*-2.21*	

10 11 13 13-0008 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 1300 Series) *(10 11 13 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.

10 11 13 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	43.28	6.93
		For >3 To 9, Deduct	*-2.21*	
		For >9, Deduct	*-4.56*	
10 11 13 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	28.96	3.26
		For >3 To 9, Deduct	*-1.68*	
		For >9, Deduct	*-3.48*	
10 11 13 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	25.18	2.81
		For >3 To 9, Deduct	*-1.47*	
		For >9, Deduct	*-3.03*	
10 11 13 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	21.93	1.83
		For >3 To 9, Deduct	*-1.37*	
		For >9, Deduct	*-2.83*	
10 11 13 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	18.93	1.02
		For >3 To 9, Deduct	*-1.27*	
		For >9, Deduct	*-2.62*	

10 11 13 13-0014 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboards (Claridge 1600 Series) *(10 11 13 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, chalk tray and mounting hardware.

10 11 13 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	39.24	6.93
		For >3 To 9, Deduct	*-1.90*	
		For >9, Deduct	*-3.94*	
10 11 13 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	24.95	3.26
		For >3 To 9, Deduct	*-1.38*	
		For >9, Deduct	*-2.86*	
10 11 13 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	21.43	2.81
		For >3 To 9, Deduct	*-1.19*	
		For >9, Deduct	*-2.45*	
10 11 13 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	17.95	1.83
		For >3 To 9, Deduct	*-1.07*	
		For >9, Deduct	*-2.21*	
10 11 13 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	14.85	1.02
		For >3 To 9, Deduct	*-0.96*	
		For >9, Deduct	*-1.99*	

10 11 13 13-0020 Remove And Reinstall *(10 11 13 13)*

10 11 13 13-0021	SF	Remove And Reinstall Chalkboard	8.59	
		For >3 To 9, Deduct	*-0.03*	
		For >9, Deduct	*-0.07*	

10 11 13 13-0022 Field Applied Chalkboard And Accessories *(10 11 13 13)*

10 11 13 13-0023 Chalkboard Face Sheets And Panels *(10 11 13 13-0022)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 13-0024	SF	Porcelain Enamel Steel Chalkboard Face Sheet (Claridge Vitracite)	13.29	3.26
		Note: Includes porcelain enamel steel chalkboard skin.		
		For >3 To 9, Deduct	*-0.54*	
		For >9, Deduct	*-1.11*	
10 11 13 13-0025	SF	Porcelain Enamel Steel Chalkboard Panel (Claridge VIT)	16.07	3.26
		Note: Includes porcelain enamel steel surface mounted on either particle board or hardboard core with an aluminum moisture barrier back.		
		For >3 To 9, Deduct	*-0.75*	
		For >9, Deduct	*-1.54*	

10 11 13 13-0026 Chalkboard And Markerboard Accessory Trays And Trim *(10 11 13 13-0022)*

10 11 13 13-0027	LF	Chalk And Marker Tray, Field Applied	14.79	4.48
		For >3 To 9, Deduct	*-0.43*	
		For >9, Deduct	*-0.89*	
10 11 13 13-0028	PR	Chalk And Marker Tray End Closures, Field Applied	20.78	8.15
		For >3 To 9, Deduct	*-0.34*	
		For >9, Deduct	*-0.69*	
10 11 13 13-0029	LF	Mullion Trim For Chalkboards And Markerboards, Field Applied	10.86	4.48
		For >3 To 9, Deduct	*-0.14*	
		For >9, Deduct	*-0.28*	
10 11 13 13-0030	LF	Screw On Trim For Chalkboards And Markerboards, Field Applied	11.16	4.48
		For >3 To 9, Deduct	*-0.16*	
		For >9, Deduct	*-0.33*	
10 11 13 13-0031	LF	1/2" Leg Map Rail For Chalkboards And Markerboards, Field Applied	12.07	4.48
		For >3 To 9, Deduct	*-0.23*	
		For >9, Deduct	*-0.47*	
10 11 13 13-0032	LF	1/4" Leg Map Rail For Chalkboards And Markerboards, Field Applied	12.82	4.48
		For >3 To 9, Deduct	*-0.28*	
		For >9, Deduct	*-0.58*	
10 11 13 13-0033	LF	No Leg Map Rail For Chalkboards And Markerboards, Field Applied	11.63	4.48
		For >3 To 9, Deduct	*-0.19*	
		For >9, Deduct	*-0.40*	

10 11 13 33 Rail-Mounted Chalkboards *(10 11 13)*

10 11 13 33-0001 Horizontal Sliding, Porcelain Enamel Steel Chalkboards (Claridge HS Series) *(10 11 13 33)*

10 11 13 33-0002 Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*

10 11 13 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	1,967.41	81.50
		For >3 To 9, Deduct	*-135.33*	
		For >9, Deduct	*-279.69*	
10 11 13 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,212.62	81.50
		For >3 To 9, Deduct	*-153.72*	
		For >9, Deduct	*-317.69*	
10 11 13 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,508.12	86.80
		For >3 To 9, Deduct	*-175.09*	
		For >9, Deduct	*-361.85*	
10 11 13 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,793.02	86.80
		For >3 To 9, Deduct	*-196.46*	
		For >9, Deduct	*-406.01*	
10 11 13 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,485.97	93.32
		For >3 To 9, Deduct	*-247.45*	
		For >9, Deduct	*-511.40*	
10 11 13 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,713.22	93.32
		For >3 To 9, Deduct	*-264.49*	
		For >9, Deduct	*-546.62*	
10 11 13 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,198.43	97.80
		For >3 To 9, Deduct	*-300.21*	
		For >9, Deduct	*-620.44*	
10 11 13 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,762.56	97.80
		For >3 To 9, Deduct	*-342.52*	
		For >9, Deduct	*-707.88*	

10 11 13 33-0011 Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*

10 11 13 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,698.84	81.50
		For >3 To 9, Deduct	*-190.19*	
		For >9, Deduct	*-393.06*	
10 11 13 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,206.76	81.50
		For >3 To 9, Deduct	*-228.28*	
		For >9, Deduct	*-471.78*	
10 11 13 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,672.36	86.80
		For >3 To 9, Deduct	*-262.41*	
		For >9, Deduct	*-542.31*	
10 11 13 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,138.70	86.80
		For >3 To 9, Deduct	*-297.38*	
		For >9, Deduct	*-614.59*	
10 11 13 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,720.14	93.32
		For >3 To 9, Deduct	*-340.01*	
		For >9, Deduct	*-702.69*	
10 11 13 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,925.65	93.32
		For >3 To 9, Deduct	*-355.43*	
		For >9, Deduct	*-734.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,780.36	97.80
		For >3 To 9, Deduct	*-418.86*	
		For >9, Deduct	*-865.64*	
10 11 13 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,466.39	97.80
		For >3 To 9, Deduct	*-470.31*	
		For >9, Deduct	*-971.97*	

10 11 13 33-0020 Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*

10 11 13 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,010.69	81.50
		For >3 To 9, Deduct	*-213.58*	
		For >9, Deduct	*-441.39*	
10 11 13 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,426.00	81.50
		For >3 To 9, Deduct	*-244.73*	
		For >9, Deduct	*-505.77*	
10 11 13 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,873.64	86.80
		For >3 To 9, Deduct	*-277.50*	
		For >9, Deduct	*-573.51*	
10 11 13 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,350.38	86.80
		For >3 To 9, Deduct	*-313.26*	
		For >9, Deduct	*-647.40*	
10 11 13 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,272.02	93.32
		For >3 To 9, Deduct	*-381.40*	
		For >9, Deduct	*-788.24*	
10 11 13 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,490.76	93.32
		For >3 To 9, Deduct	*-397.81*	
		For >9, Deduct	*-822.14*	
10 11 13 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,488.17	97.80
		For >3 To 9, Deduct	*-471.94*	
		For >9, Deduct	*-975.35*	
10 11 13 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	7,247.49	97.80
		For >3 To 9, Deduct	*-528.89*	
		For >9, Deduct	*-1,093.04*	

10 11 13 33-0029 Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge TW Series) *(10 11 13 33)*

10 11 13 33-0030 One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)*

10 11 13 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,357.20	81.50
		For >3 To 9, Deduct	*-164.57*	
		For >9, Deduct	*-340.10*	
10 11 13 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,604.30	81.50
		For >3 To 9, Deduct	*-183.10*	
		For >9, Deduct	*-378.40*	
10 11 13 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,848.77	86.80
		For >3 To 9, Deduct	*-200.64*	
		For >9, Deduct	*-414.65*	
10 11 13 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,277.76	86.80
		For >3 To 9, Deduct	*-232.81*	
		For >9, Deduct	*-481.15*	
10 11 13 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,591.28	93.32
		For >3 To 9, Deduct	*-255.35*	
		For >9, Deduct	*-527.72*	
10 11 13 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,987.19	93.32
		For >3 To 9, Deduct	*-285.04*	
		For >9, Deduct	*-589.09*	

10 11 13 33-0037 Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)*

10 11 13 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,470.34	81.50
		For >3 To 9, Deduct	*-248.05*	
		For >9, Deduct	*-512.64*	
10 11 13 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,853.97	81.50
		For >3 To 9, Deduct	*-276.82*	
		For >9, Deduct	*-572.10*	
10 11 13 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,236.86	86.80
		For >3 To 9, Deduct	*-304.75*	
		For >9, Deduct	*-629.81*	
10 11 13 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,942.70	86.80
		For >3 To 9, Deduct	*-357.68*	
		For >9, Deduct	*-739.21*	
10 11 13 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,379.97	93.32
		For >3 To 9, Deduct	*-389.50*	
		For >9, Deduct	*-804.97*	
10 11 13 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,020.61	93.32
		For >3 To 9, Deduct	*-437.55*	
		For >9, Deduct	*-904.27*	

10 11 13 33-0044 Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)*

10 11 13 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,748.85	81.50
		For >3 To 9, Deduct	*-343.94*	
		For >9, Deduct	*-710.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,271.85	81.50
		For >3 To 9, Deduct	*-383.16*	
		For >9, Deduct	*-791.87*	
10 11 13 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,794.11	86.80
		For >3 To 9, Deduct	*-421.54*	
		For >9, Deduct	*-871.18*	
10 11 13 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,775.85	86.80
		For >3 To 9, Deduct	*-495.17*	
		For >9, Deduct	*-1,023.35*	
10 11 13 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,348.22	93.32
		For >3 To 9, Deduct	*-537.12*	
		For >9, Deduct	*-1,110.05*	
10 11 13 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,250.58	93.32
		For >3 To 9, Deduct	*-604.80*	
		For >9, Deduct	*-1,249.91*	

10 11 13 33-0051 Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge MO Series) *(10 11 13 33)*

Note: Excludes remotes.

10 11 13 33-0052 One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*

10 11 13 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,606.65	162.99
		For >3 To 9, Deduct	*-546.05*	
		For >9, Deduct	*-1,128.50*	
10 11 13 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,825.51	162.99
		For >3 To 9, Deduct	*-562.46*	
		For >9, Deduct	*-1,162.43*	
10 11 13 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,067.79	168.09
		For >3 To 9, Deduct	*-579.87*	
		For >9, Deduct	*-1,198.40*	
10 11 13 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,468.66	168.09
		For >3 To 9, Deduct	*-609.94*	
		For >9, Deduct	*-1,260.53*	
10 11 13 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,909.95	173.18
		For >3 To 9, Deduct	*-642.27*	
		For >9, Deduct	*-1,327.36*	
10 11 13 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,296.64	173.18
		For >3 To 9, Deduct	*-671.27*	
		For >9, Deduct	*-1,387.29*	
10 11 13 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	10,134.64	183.37
		For >3 To 9, Deduct	*-732.59*	
		For >9, Deduct	*-1,514.02*	
10 11 13 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	10,241.61	183.37
		For >3 To 9, Deduct	*-740.62*	
		For >9, Deduct	*-1,530.60*	

10 11 13 33-0061 Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*

10 11 13 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	11,997.50	162.99
		For >3 To 9, Deduct	*-875.36*	
		For >9, Deduct	*-1,809.08*	
10 11 13 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	12,286.85	162.99
		For >3 To 9, Deduct	*-897.06*	
		For >9, Deduct	*-1,853.93*	
10 11 13 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	12,608.14	168.09
		For >3 To 9, Deduct	*-920.40*	
		For >9, Deduct	*-1,902.15*	
10 11 13 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	13,197.25	168.09
		For >3 To 9, Deduct	*-964.58*	
		For >9, Deduct	*-1,993.47*	
10 11 13 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	13,781.42	173.18
		For >3 To 9, Deduct	*-1,007.63*	
		For >9, Deduct	*-2,082.43*	
10 11 13 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	14,341.24	173.18
		For >3 To 9, Deduct	*-1,049.62*	
		For >9, Deduct	*-2,169.21*	
10 11 13 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	15,474.27	183.37
		For >3 To 9, Deduct	*-1,133.06*	
		For >9, Deduct	*-2,341.67*	
10 11 13 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	15,643.80	183.37
		For >3 To 9, Deduct	*-1,145.78*	
		For >9, Deduct	*-2,367.94*	

10 11 13 33-0070 Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*

10 11 13 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	15,603.05	162.99
		For >3 To 9, Deduct	*-1,145.78*	
		For >9, Deduct	*-2,367.94*	
10 11 13 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,333.35	162.99
		For >3 To 9, Deduct	*-1,200.55*	
		For >9, Deduct	*-2,481.14*	
10 11 13 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,718.51	168.09
		For >3 To 9, Deduct	*-1,228.67*	
		For >9, Deduct	*-2,539.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	17,484.53	168.09
		For >3 To 9, Deduct	*-1,286.13*	
		For >9, Deduct	*-2,657.99*	
10 11 13 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	18,288.13	173.18
		For >3 To 9, Deduct	*-1,345.63*	
		For >9, Deduct	*-2,780.97*	
10 11 13 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	19,062.65	173.18
		For >3 To 9, Deduct	*-1,403.72*	
		For >9, Deduct	*-2,901.02*	
10 11 13 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	20,587.09	183.37
		For >3 To 9, Deduct	*-1,516.53*	
		For >9, Deduct	*-3,134.15*	
10 11 13 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	20,885.34	183.37
		For >3 To 9, Deduct	*-1,538.90*	
		For >9, Deduct	*-3,180.38*	

10 11 13 33-0079 Sliding Chalkboard And Markerboard Accessories *(10 11 13 33)*

10 11 13 33-0080	EA	One Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard	574.21	
		For >3 To 9, Deduct	*-42.45*	
		For >9, Deduct	*-87.74*	
10 11 13 33-0081	EA	Two Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard	981.50	
		For >3 To 9, Deduct	*-73.00*	
		For >9, Deduct	*-150.87*	

10 11 16 Markerboards *(10 11)*

10 11 16 13 Fixed Markerboards *(10 11 16)*

Note: Select task based off the square footage of an individual markerboard. For example use the >12 To 16 SF range for each 3' x 5' markerboard.

10 11 16 13-0001 Porcelain Enamel Steel Markerboards *(10 11 16 13)*

10 11 16 13-0002 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 800 Series) *(10 11 16 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.

10 11 16 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	40.94	6.93
10 11 16 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	27.07	3.26
10 11 16 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	22.94	2.81
10 11 16 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	19.41	1.83
10 11 16 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	16.04	1.02

10 11 16 13-0008 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 1300 Series) *(10 11 16 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.

10 11 16 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	43.31	6.93
10 11 16 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	27.78	3.26
10 11 16 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	24.00	2.81
10 11 16 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	20.75	1.83
10 11 16 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	18.23	1.02

10 11 16 13-0014 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboards (Claridge LCS Series) *(10 11 16 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, marker tray and mounting hardware.

10 11 16 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	39.22	6.93
10 11 16 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	24.96	3.26
10 11 16 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	22.58	2.81
10 11 16 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	18.07	1.83
10 11 16 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	14.59	1.02

10 11 16 13-0020 Melamine Markerboard *(10 11 16 13)*

10 11 16 13-0021 1-1/4" Face Aluminum Frame, Melamine Markerboard (Claridge MLC Series) *(10 11 16 13-0020)*

Note: Includes full length map rail, map hooks, marker tray and mounting hardware.

10 11 16 13-0022	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	31.96	6.93
10 11 16 13-0023	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	19.95	3.26
10 11 16 13-0024	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	17.32	2.81
10 11 16 13-0025	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	13.11	1.83
10 11 16 13-0026	SF	>24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	10.81	1.02

10 11 16 13-0027 1-3/4" Face Wood Frame, Melamine Markerboard (Claridge MLC Series) *(10 11 16 13-0020)*

Note: Includes marker tray and mounting hardware.

10 11 16 13-0028	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	31.16	6.93
10 11 16 13-0029	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	19.58	3.26
10 11 16 13-0030	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	16.79	2.81
10 11 16 13-0031	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	12.16	1.83
10 11 16 13-0032	SF	>24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	9.94	1.02

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 13-0033		Remove And Reinstall Markerboard *(10 11 16 13)*		
10 11 16 13-0034	EA	Up To 6 SF, Remove And Reinstall Markerboard	48.90	
10 11 16 13-0035	EA	>6 To 12 SF, Remove And Reinstall Markerboard	57.05	
10 11 16 13-0036	EA	>12 To 16 SF, Remove And Reinstall Markerboard	65.20	
10 11 16 13-0037	EA	>16 To 24 SF, Remove And Reinstall Markerboard	73.35	
10 11 16 13-0038	EA	>24 SF, Remove And Reinstall Markerboard	81.50	
10 11 16 13-0039		Field Applied Markerboard And Accessories *(10 11 16 13)*		
10 11 16 13-0040		Markerboard Face Sheets And Panels *(10 11 16 13-0039)*		
10 11 16 13-0041	SF	Porcelain Enamel Steel Markerboard Face Sheet (Claridge LCS) Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.	13.07	3.26
10 11 16 13-0042	SF	Porcelain Enamel Steel Markerboard Face Sheet With Double Sided Tape (Claridge LCS EZ Stick) Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.	15.56	3.26
10 11 16 13-0043	SF	Porcelain Enamel Steel Markerboard Panel (Claridge LCS) Note: Includes porcelain enamel steel surface mounted on either 3/8" particle board or 1/4" hardboard core with an aluminum moisture barrier back.	15.50	3.26
10 11 16 13-0044	SF	Melamine Markerboard Panel (Claridge 1032) Note: Includes 1/4" thick melamine panel.	8.55	3.26
10 11 16 13-0045		Chalkboard And Markerboard Accessory Trays And Trim *(10 11 16 13-0039)* See CSI section 10 11 13 13-0026 for chalkboard and markerboard accessory trays and trim.		
10 11 16 33		**Rail-Mounted Markerboards** *(10 11 16)*		
10 11 16 33-0001		Horizontal Sliding, Porcelain Enamel Steel Markerboards (Claridge HS Series) *(10 11 16 33)*		
10 11 16 33-0002		Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*		
10 11 16 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	1,943.37	81.50
10 11 16 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,180.57	81.50
10 11 16 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,468.05	86.80
10 11 16 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,744.93	86.80
10 11 16 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,429.87	93.32
10 11 16 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,649.11	93.32
10 11 16 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,118.30	97.80
10 11 16 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,666.40	97.80
10 11 16 33-0011		Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*		
10 11 16 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,674.80	81.50
10 11 16 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,174.71	81.50
10 11 16 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,632.29	86.80
10 11 16 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,090.61	86.80
10 11 16 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,664.04	93.32
10 11 16 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,861.55	93.32
10 11 16 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,700.22	97.80
10 11 16 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,370.23	97.80
10 11 16 33-0020		Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*		
10 11 16 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,986.65	81.50
10 11 16 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,393.95	81.50
10 11 16 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,833.57	86.80
10 11 16 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,302.29	86.80
10 11 16 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,215.92	93.32
10 11 16 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,426.65	93.32
10 11 16 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,408.03	97.80
10 11 16 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	7,175.37	97.80
10 11 16 33-0029		Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge TW Series) *(10 11 16 33)*		
10 11 16 33-0030		One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*		
10 11 16 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,325.15	81.50
10 11 16 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,564.23	81.50
10 11 16 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,800.69	86.80
10 11 16 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,213.65	86.80
10 11 16 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,511.14	93.32
10 11 16 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,891.03	93.32
10 11 16 33-0037		Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*		
10 11 16 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,406.23	81.50
10 11 16 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,773.83	81.50
10 11 16 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,140.70	86.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,814.49	86.80
10 11 16 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,219.70	93.32
10 11 16 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,828.28	93.32
10 11 16 33-0044		Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*		
10 11 16 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,652.69	81.50
10 11 16 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,151.65	81.50
10 11 16 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,649.87	86.80
10 11 16 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,583.53	86.80
10 11 16 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	7,107.81	93.32
10 11 16 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	7,962.09	93.32
10 11 16 33-0051		Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge MO Series) *(10 11 16 33)* Note: Excludes remotes.		
10 11 16 33-0052		One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*		
10 11 16 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	7,566.58	162.99
10 11 16 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	7,775.43	162.99
10 11 16 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,007.69	168.09
10 11 16 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,388.52	168.09
10 11 16 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,809.78	173.18
10 11 16 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,176.44	173.18
10 11 16 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,994.40	183.37
10 11 16 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	10,081.34	183.37
10 11 16 33-0061		Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*		
10 11 16 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	11,917.36	162.99
10 11 16 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	12,186.69	162.99
10 11 16 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	12,487.94	168.09
10 11 16 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	13,036.98	168.09
10 11 16 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	13,581.08	173.18
10 11 16 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,100.84	173.18
10 11 16 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,193.79	183.37
10 11 16 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,323.26	183.37
10 11 16 33-0070		Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*		
10 11 16 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,482.85	162.99
10 11 16 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	16,183.09	162.99
10 11 16 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	16,538.20	168.09
10 11 16 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	17,244.12	168.09
10 11 16 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	17,987.62	173.18
10 11 16 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	18,702.04	173.18
10 11 16 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	20,166.38	183.37
10 11 16 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	20,404.52	183.37
10 11 16 33-0079		Sliding Chalkboard And Markerboard Accessories *(10 11 16 33)* See CSI section 10 11 13 33-0079 for sliding chalkboard and markerboard accessories.		
10 11 23		**Tackboards** *(10 11)*		
10 11 23 13		**Fixed Tackboards** *(10 11 23)* Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0001		Fixed Tackboards *(10 11 23 13)* Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0002		Cork Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes up to 1/4" cork surface, unmounted or mounted on duracore or hardboard.		
10 11 23 13-0003		5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0002)*		
10 11 23 13-0004	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	26.53	6.93
10 11 23 13-0005	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	15.34	3.26
10 11 23 13-0006	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	13.31	2.81
10 11 23 13-0007	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	10.75	1.83
10 11 23 13-0008	SF	>24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	8.94	1.02
10 11 23 13-0009		1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 900A Series) *(10 11 23 13-0002)*		
10 11 23 13-0010	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	28.03	6.93
10 11 23 13-0011	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	16.03	3.26
10 11 23 13-0012	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	12.95	2.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 23 13-0013	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	10.20	1.83
10 11 23 13-0014	SF	>24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	8.08	1.02
10 11 23 13-0015		1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0002)*		
10 11 23 13-0016	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	28.18	6.93
10 11 23 13-0017	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	17.49	3.26
10 11 23 13-0018	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	16.26	2.81
10 11 23 13-0019	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	12.60	1.83
10 11 23 13-0020	SF	>24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	10.09	1.02
10 11 23 13-0021		Burlap Backed Cork Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes burlap backed 1/4" self healing cork surface, unmounted or mounted on hardboard.		
10 11 23 13-0022		5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0021)*		
10 11 23 13-0023	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	30.86	6.93
10 11 23 13-0024	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	20.54	3.26
10 11 23 13-0025	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	18.80	2.81
10 11 23 13-0026	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	16.26	1.83
10 11 23 13-0027	SF	>24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	14.55	1.02
10 11 23 13-0028		1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0021)*		
10 11 23 13-0029	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	34.48	6.93
10 11 23 13-0030	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	24.41	3.26
10 11 23 13-0031	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	22.70	2.81
10 11 23 13-0032	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	19.10	1.83
10 11 23 13-0033	SF	>24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	16.62	1.02
10 11 23 13-0034		Polyester Fabric Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes polyester fabric on cork underlay, unmounted or mounted on duracore. Class A rating.		
10 11 23 13-0035		5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0034)*		
10 11 23 13-0036	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	27.55	6.93
10 11 23 13-0037	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	16.60	3.26
10 11 23 13-0038	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	14.73	2.81
10 11 23 13-0039	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	12.20	1.83
10 11 23 13-0040	SF	>24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	10.24	1.02
10 11 23 13-0041		1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0034)*		
10 11 23 13-0042	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	29.60	6.93
10 11 23 13-0043	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	19.26	3.26
10 11 23 13-0044	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	17.91	2.81
10 11 23 13-0045	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	14.41	1.83
10 11 23 13-0046	SF	>24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	11.98	1.02
10 11 23 13-0047		Vinyl Fabric Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes vinyl fabric on cork underlay, unmounted or mounted on duracore.		
10 11 23 13-0048		5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0047)*		
10 11 23 13-0049	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	26.53	6.93
10 11 23 13-0050	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	15.42	3.26
10 11 23 13-0051	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	13.43	2.81
10 11 23 13-0052	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	10.75	1.83
10 11 23 13-0053	SF	>24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	8.76	1.02
10 11 23 13-0054		1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0047)*		
10 11 23 13-0055	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	28.18	6.93
10 11 23 13-0056	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	18.22	3.26
10 11 23 13-0057	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	16.26	2.81
10 11 23 13-0058	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	12.60	1.83
10 11 23 13-0059	SF	4' x 8', 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	10.09	1.02
10 12		Display Cases *(10 10)*		
10 12 00 00-0001		Counter Display Cases *(10 12)*		
10 12 00 00-0002	EA	30" x 12" x 36" Counter Display Cases	875.20	124.86
10 12 00 00-0003	EA	30" x 12" x 48" Counter Display Cases	939.41	124.86
10 12 00 00-0004	EA	30" x 18" x 36" Counter Display Cases	913.26	124.86
10 12 00 00-0005	EA	30" x 18" x 48" Counter Display Cases	866.55	55.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 12 00 00-0006		Upright Display Case *(10 12)*		
10 12 00 00-0007	EA	72 In x 20 In x 70 In Upright Display Case	1,746.26	124.86
10 12 00 00-0008		Full Vision Display Case *(10 12)*		
10 12 00 00-0009	EA	38 In x 20 In x 70 In Full Vision Display Case	1,165.53	124.86

10 13 Directories *(10 10)*

10 13 16 Directory And Bulletin Boards *(10 13)*

Note: Select task based off the square footage of an individual directory or bulletin board. For example use the >12 To 16 SF range for each 3' x 5' directory or bulletin board.

10 13 16 00-0001 Wall Mounted Directories *(10 13 16)*
Note: Includes changeable letters.

10 13 16 00-0002 Open Face, Wall Mounted Directories *(10 13 16 00-0001)*
Note: Includes vinyl or felt back panel.

10 13 16 00-0003 Wood Frame, Open Face, Wall Mounted Directories (Claridge 350 Series) *(10 13 16 00-0002)*

10 13 16 00-0004	SF	Up To 6 SF, Wood Frame, Open Face, Wall Mounted Directory	45.67	6.93
10 13 16 00-0005	SF	>6 To 12 SF, Wood Frame, Open Face, Wall Mounted Directory	30.38	3.26
10 13 16 00-0006	SF	>12 To 16 SF, Wood Frame, Open Face, Wall Mounted Directory	27.68	2.81
10 13 16 00-0007	SF	>16 To 24 SF, Wood Frame, Open Face, Wall Mounted Directory	21.26	1.83
10 13 16 00-0008	SF	>24 SF, Wood Frame, Open Face, Wall Mounted Directory	17.15	1.02

10 13 16 00-0009 Aluminum Frame, Open Face, Wall Mounted Directories (Claridge 432 Series) *(10 13 16 00-0002)*

10 13 16 00-0010	SF	Up To 6 SF, Aluminum Frame, Open Face, Wall Mounted Directory	46.14	6.93
		For Bronze Anodize Finish, Add	*12.00*	
10 13 16 00-0011	SF	>6 To 12 SF, Aluminum Frame, Open Face, Wall Mounted Directory	30.70	3.26
		For Bronze Anodize Finish, Add	*12.00*	
10 13 16 00-0012	SF	>12 To 16 SF, Aluminum Frame, Open Face, Wall Mounted Directory	28.31	2.81
		For Bronze Anodize Finish, Add	*12.00*	
10 13 16 00-0013	SF	>16 To 24 SF, Aluminum Frame, Open Face, Wall Mounted Directory	20.24	1.83
		For Bronze Anodize Finish, Add	*12.00*	
10 13 16 00-0014	SF	>24 SF, Aluminum Frame, Open Face, Wall Mounted Directory	17.62	1.02
		For Bronze Anodize Finish, Add	*12.00*	

10 13 16 00-0015 Glass Encased, Wall Mounted Directory Cabinets *(10 13 16 00-0001)*
Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 16 00-0016 Wood Frame, Glass Encased, Wall Mounted Directory Cabinets *(10 13 16 00-0015)*

10 13 16 00-0017 Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 3052 Series) *(10 13 16 00-0016)*

10 13 16 00-0018	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	116.70	6.93
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0019	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	94.48	3.26
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0020	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	79.10	2.81
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0021	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	73.55	1.83
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0022	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	66.76	1.02
		For Fluorescent Lights, Add	*15.00*	

10 13 16 00-0023 Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 345 Series) *(10 13 16 00-0016)*

10 13 16 00-0024	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	100.00	6.93
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0025	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	81.73	2.81
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0026	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	58.67	1.83
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0027	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	53.06	1.02
		For Fluorescent Lights, Add	*15.00*	

10 13 16 00-0028 Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets *(10 13 16 00-0015)*

10 13 16 00-0029 Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) *(10 13 16 00-0028)*

10 13 16 00-0030	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	104.18	6.93
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*18.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 16 00-0031	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	81.50	3.26
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*15.00*	
10 13 16 00-0032	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	68.96	2.81
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*12.67*	
10 13 16 00-0033	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	50.76	1.83
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*9.42*	
10 13 16 00-0034	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	47.63	1.02
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*9.12*	
10 13 16 00-0035		Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) *(10 13 16 00-0028)*		
10 13 16 00-0036	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	161.99	6.93
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*29.63*	
10 13 16 00-0037	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	94.42	3.26
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*17.58*	
10 13 16 00-0038	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	79.53	2.81
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*14.78*	
10 13 16 00-0039	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	61.43	1.83
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*11.55*	
10 13 16 00-0040	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	57.08	1.02
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*11.01*	
10 13 16 00-0041		Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 16 00-0001)*		
		Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 16 00-0042		Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 16 00-0041)*		
10 13 16 00-0043		Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets (Claridge 548 Series) *(10 13 16 00-0042)*		
10 13 16 00-0044	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	159.07	6.93
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 16 00-0045	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	106.78	3.26
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 16 00-0046	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	103.91	2.81
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 16 00-0047		Wall Mounted Bulletin Boards *(10 13 16)*		
10 13 16 00-0048		Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 16 00-0047)*		
		Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 16 00-0049		Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 16 00-0048)*		
10 13 16 00-0050		Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 3070 Series) *(10 13 16 00-0049)*		
10 13 16 00-0051	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	113.86	6.93
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0052	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	92.36	3.26
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0053	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	76.98	2.81
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0054	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	71.54	1.83
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0055	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	65.82	1.02
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0056		Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 310 Series) *(10 13 16 00-0049)*		
10 13 16 00-0057	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	94.96	6.93
		For Fluorescent Lights, Add	*15.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 16 00-0058	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	76.95	2.81
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0059	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	54.97	1.83
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0060	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	50.23	1.02
		For Fluorescent Lights, Add	*15.00*	

10 13 16 00-0061 Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 16 00-0048)*

10 13 16 00-0062 Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 16 00-0061)*

10 13 16 00-0063	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	106.77	6.93
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*18.58*	
10 13 16 00-0064	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	84.09	3.26
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*15.51*	
10 13 16 00-0065	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	71.54	2.81
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*13.18*	
10 13 16 00-0066	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	53.35	1.83
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*9.94*	
10 13 16 00-0067	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	50.23	1.02
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*9.64*	

10 13 16 00-0068 Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 16 00-0061)*

10 13 16 00-0069	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	164.58	6.93
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*30.15*	
10 13 16 00-0070	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	97.00	3.26
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*18.10*	
10 13 16 00-0071	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	82.12	2.81
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*15.30*	
10 13 16 00-0072	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	64.02	1.83
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*12.07*	
10 13 16 00-0073	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	59.67	1.02
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*11.53*	

10 13 16 00-0074 Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 16 00-0047)*
Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 16 00-0075 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 16 00-0074)*

10 13 16 00-0076 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 16 00-0075)*

10 13 16 00-0077	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	156.48	6.93
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 16 00-0078	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	104.19	3.26
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 16 00-0079	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	101.35	2.81
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	

10 14 Signage *(10 10)*

10 14 19 Dimensional Letter Signage *(10 14)*
Note: Mounted on masonry or concrete.

10 14 19 00-0001 Cast Characters *(10 14 19)*

10 14 19 00-0002 Satin Finish, Cast Aluminum Characters *(10 14 19 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0003	EA	2" High x 3/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	36.74	5.09
		For Installation With Adhesive, Deduct	*-3.87*	
		For Clear Anodized, Add	*1.64*	
		For Satin Face And Enameled Return, Add	*4.91*	
		For Patina Finish, Add	*6.55*	
		For Color Anodized, Add	*8.19*	
10 14 19 00-0004	EA	3" High x 1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	43.42	5.50
		For Installation With Adhesive, Deduct	*-4.37*	
		For Clear Anodized, Add	*2.14*	
		For Satin Face And Enameled Return, Add	*6.43*	
		For Patina Finish, Add	*8.57*	
		For Color Anodized, Add	*10.71*	
10 14 19 00-0005	EA	4" High x 5/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	47.56	5.91
		For Installation With Adhesive, Deduct	*-4.74*	
		For Clear Anodized, Add	*2.39*	
		For Satin Face And Enameled Return, Add	*7.18*	
		For Patina Finish, Add	*9.58*	
		For Color Anodized, Add	*11.97*	
10 14 19 00-0006	EA	5" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	54.60	6.76
		For Installation With Adhesive, Deduct	*-5.42*	
		For Clear Anodized, Add	*2.77*	
		For Satin Face And Enameled Return, Add	*8.32*	
		For Patina Finish, Add	*11.09*	
		For Color Anodized, Add	*13.86*	
10 14 19 00-0007	EA	6" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	60.02	7.12
		For Installation With Adhesive, Deduct	*-5.85*	
		For Clear Anodized, Add	*3.15*	
		For Satin Face And Enameled Return, Add	*9.45*	
		For Patina Finish, Add	*12.60*	
		For Color Anodized, Add	*15.75*	
10 14 19 00-0008	EA	8" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	71.65	8.15
		For Installation With Adhesive, Deduct	*-6.84*	
		For Clear Anodized, Add	*3.91*	
		For Satin Face And Enameled Return, Add	*11.72*	
		For Patina Finish, Add	*15.62*	
		For Color Anodized, Add	*19.53*	
10 14 19 00-0009	EA	9" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	79.58	8.55
		For Installation With Adhesive, Deduct	*-7.40*	
		For Clear Anodized, Add	*4.54*	
		For Satin Face And Enameled Return, Add	*13.61*	
		For Patina Finish, Add	*18.14*	
		For Color Anodized, Add	*22.68*	
10 14 19 00-0010	EA	10" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	90.83	9.17
		For Installation With Adhesive, Deduct	*-8.21*	
		For Clear Anodized, Add	*5.42*	
		For Satin Face And Enameled Return, Add	*16.25*	
		For Patina Finish, Add	*21.67*	
		For Color Anodized, Add	*27.09*	
10 14 19 00-0011	EA	12" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	110.40	10.59
		For Installation With Adhesive, Deduct	*-9.76*	
		For Clear Anodized, Add	*6.80*	
		For Satin Face And Enameled Return, Add	*20.41*	
		For Patina Finish, Add	*27.22*	
		For Color Anodized, Add	*34.02*	
10 14 19 00-0012	EA	14" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	132.04	12.22
		For Installation With Adhesive, Deduct	*-11.49*	
		For Clear Anodized, Add	*8.32*	
		For Satin Face And Enameled Return, Add	*24.95*	
		For Patina Finish, Add	*33.26*	
		For Color Anodized, Add	*41.58*	
10 14 19 00-0013	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	145.05	13.58
		For Installation With Adhesive, Deduct	*-12.69*	
		For Clear Anodized, Add	*9.07*	
		For Satin Face And Enameled Return, Add	*27.22*	
		For Patina Finish, Add	*36.29*	
		For Color Anodized, Add	*45.36*	
10 14 19 00-0014	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	161.98	14.66
		For Installation With Adhesive, Deduct	*-13.97*	
		For Clear Anodized, Add	*10.33*	
		For Satin Face And Enameled Return, Add	*31.00*	
		For Patina Finish, Add	*41.33*	
		For Color Anodized, Add	*51.66*	
10 14 19 00-0015	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	196.21	16.29
		For Installation With Adhesive, Deduct	*-16.33*	
		For Clear Anodized, Add	*13.10*	
		For Satin Face And Enameled Return, Add	*39.31*	
		For Patina Finish, Add	*52.42*	
		For Color Anodized, Add	*65.52*	
10 14 19 00-0016	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	237.12	18.33
		For Installation With Adhesive, Deduct	*-19.19*	
		For Clear Anodized, Add	*16.38*	
		For Satin Face And Enameled Return, Add	*49.14*	
		For Patina Finish, Add	*65.52*	
		For Color Anodized, Add	*81.90*	
10 14 19 00-0017	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	285.59	20.36
		For Installation With Adhesive, Deduct	*-22.43*	
		For Clear Anodized, Add	*20.41*	
		For Satin Face And Enameled Return, Add	*61.24*	
		For Patina Finish, Add	*81.65*	
		For Color Anodized, Add	*102.06*	

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CSI		MINOR UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0018		Satin Finish, Cast Bronze Characters *(10 14 19 00-0001)*		
10 14 19 00-0019	EA	2" High x 3/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	46.22	5.60
		For Installation With Adhesive, Deduct	*-4.55*	
		For Oxidized Finish, Add	*3.57*	
		For Polished Or Patina Finish, Add	*7.14*	
10 14 19 00-0020	EA	3" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	66.40	6.11
		For Installation With Adhesive, Deduct	*-5.76*	
		For Oxidized Finish, Add	*6.29*	
		For Polished Or Patina Finish, Add	*12.59*	
10 14 19 00-0021	EA	4" High x 5/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	72.56	6.52
		For Installation With Adhesive, Deduct	*-6.24*	
		For Oxidized Finish, Add	*6.97*	
		For Polished Or Patina Finish, Add	*13.95*	
10 14 19 00-0022	EA	5" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	88.30	7.33
		For Installation With Adhesive, Deduct	*-7.35*	
		For Oxidized Finish, Add	*8.85*	
		For Polished Or Patina Finish, Add	*17.69*	
10 14 19 00-0023	EA	6" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	98.27	7.82
		For Installation With Adhesive, Deduct	*-8.05*	
		For Oxidized Finish, Add	*10.04*	
		For Polished Or Patina Finish, Add	*20.07*	
10 14 19 00-0024	EA	8" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	131.10	8.97
		For Installation With Adhesive, Deduct	*-10.14*	
		For Oxidized Finish, Add	*14.29*	
		For Polished Or Patina Finish, Add	*28.58*	
10 14 19 00-0025	EA	9" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	149.74	9.37
		For Installation With Adhesive, Deduct	*-11.23*	
		For Oxidized Finish, Add	*16.84*	
		For Polished Or Patina Finish, Add	*33.68*	
10 14 19 00-0026	EA	10" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	167.74	10.18
		For Installation With Adhesive, Deduct	*-12.46*	
		For Oxidized Finish, Add	*19.05*	
		For Polished Or Patina Finish, Add	*38.10*	
10 14 19 00-0027	EA	12" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	199.21	11.81
		For Installation With Adhesive, Deduct	*-14.69*	
		For Oxidized Finish, Add	*22.79*	
		For Polished Or Patina Finish, Add	*45.59*	
10 14 19 00-0028	EA	14" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	234.08	13.44
		For Installation With Adhesive, Deduct	*-17.08*	
		For Oxidized Finish, Add	*27.05*	
		For Polished Or Patina Finish, Add	*54.09*	
10 14 19 00-0029	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	277.23	16.29
		For Installation With Adhesive, Deduct	*-20.38*	
		For Oxidized Finish, Add	*31.81*	
		For Polished Or Patina Finish, Add	*63.62*	
10 14 19 00-0030	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	287.79	17.52
		For Installation With Adhesive, Deduct	*-21.40*	
		For Oxidized Finish, Add	*32.66*	
		For Polished Or Patina Finish, Add	*65.32*	
10 14 19 00-0031	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	409.20	20.36
		For Installation With Adhesive, Deduct	*-28.61*	
		For Oxidized Finish, Add	*49.16*	
		For Polished Or Patina Finish, Add	*98.32*	
10 14 19 00-0032	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	493.09	22.92
		For Installation With Adhesive, Deduct	*-33.82*	
		For Oxidized Finish, Add	*60.22*	
		For Polished Or Patina Finish, Add	*120.43*	
10 14 19 00-0033	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	627.55	26.47
		For Installation With Adhesive, Deduct	*-41.97*	
		For Oxidized Finish, Add	*78.25*	
		For Polished Or Patina Finish, Add	*156.49*	
10 14 19 00-0034		Molded Characters *(10 14 19)*		
10 14 19 00-0035		Molded Plastic Characters *(10 14 19 00-0034)*		
10 14 19 00-0036	EA	4" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	24.21	4.07
		For Installation With Adhesive, Deduct	*-2.84*	
10 14 19 00-0037	EA	5" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	26.32	4.48
		For Installation With Adhesive, Deduct	*-3.11*	
10 14 19 00-0038	EA	6" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	28.98	4.89
		For Installation With Adhesive, Deduct	*-3.40*	
10 14 19 00-0039	EA	8" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	35.67	5.29
		For Installation With Adhesive, Deduct	*-3.90*	
10 14 19 00-0040	EA	9" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	38.52	5.71
		For Installation With Adhesive, Deduct	*-4.21*	
10 14 19 00-0041	EA	10" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	41.62	6.11
		For Installation With Adhesive, Deduct	*-4.53*	
10 14 19 00-0042	EA	12" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	48.52	7.12
		For Installation With Adhesive, Deduct	*-5.28*	
10 14 19 00-0043	EA	15" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	63.28	8.97
		For Installation With Adhesive, Deduct	*-6.75*	
10 14 19 00-0044	EA	18" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	79.34	10.59
		For Installation With Adhesive, Deduct	*-8.20*	
10 14 19 00-0045	EA	24" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	113.51	13.03
		For Installation With Adhesive, Deduct	*-10.89*	
10 14 19 00-0046	EA	30" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	162.44	15.27
		For Installation With Adhesive, Deduct	*-14.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0047	EA	36" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	209.44	17.52
		For Installation With Adhesive, Deduct	*-17.48*	
10 14 19 00-0048	EA	48" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	377.73	23.42
		For Installation With Adhesive, Deduct	*-28.26*	
10 14 19 00-0049		Cutout Characters *(10 14 19)*		
10 14 19 00-0050		Satin Finish, Aluminum Characters *(10 14 19 00-0049)*		
10 14 19 00-0051		1/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*		
10 14 19 00-0052	EA	2" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	34.22	5.09
		For Installation With Adhesive, Deduct	*-3.75*	
		For Clear Anodized, Add	*1.39*	
		For Satin Face And Enameled Return, Add	*4.85*	
		For Color Anodized, Add	*6.93*	
		For Polished Or Patina Finish, Add	*6.93*	
		For Polished Anodized Finish, Add	*10.40*	
10 14 19 00-0053	EA	4" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	47.56	5.91
		For Installation With Adhesive, Deduct	*-4.74*	
		For Clear Anodized, Add	*2.39*	
		For Satin Face And Enameled Return, Add	*8.38*	
		For Color Anodized, Add	*11.97*	
		For Polished Or Patina Finish, Add	*11.97*	
		For Polished Anodized Finish, Add	*17.96*	
10 14 19 00-0054	EA	6" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	63.80	7.12
		For Installation With Adhesive, Deduct	*-6.04*	
		For Clear Anodized, Add	*3.53*	
		For Satin Face And Enameled Return, Add	*12.35*	
		For Color Anodized, Add	*17.64*	
		For Polished Or Patina Finish, Add	*17.64*	
		For Polished Anodized Finish, Add	*26.46*	
10 14 19 00-0055	EA	8" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	77.95	8.15
		For Installation With Adhesive, Deduct	*-7.16*	
		For Clear Anodized, Add	*4.54*	
		For Satin Face And Enameled Return, Add	*15.88*	
		For Color Anodized, Add	*22.68*	
		For Polished Or Patina Finish, Add	*22.68*	
		For Polished Anodized Finish, Add	*34.02*	
10 14 19 00-0056	EA	10" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	89.57	9.17
		For Installation With Adhesive, Deduct	*-8.14*	
		For Clear Anodized, Add	*5.29*	
		For Satin Face And Enameled Return, Add	*18.52*	
		For Color Anodized, Add	*26.46*	
		For Polished Or Patina Finish, Add	*26.46*	
		For Polished Anodized Finish, Add	*39.69*	
10 14 19 00-0057	EA	12" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	102.84	10.59
		For Installation With Adhesive, Deduct	*-9.38*	
		For Clear Anodized, Add	*6.05*	
		For Satin Face And Enameled Return, Add	*21.17*	
		For Color Anodized, Add	*30.24*	
		For Polished Or Patina Finish, Add	*30.24*	
		For Polished Anodized Finish, Add	*45.36*	
10 14 19 00-0058	EA	14" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	120.70	12.22
		For Installation With Adhesive, Deduct	*-10.92*	
		For Clear Anodized, Add	*7.18*	
		For Satin Face And Enameled Return, Add	*25.14*	
		For Color Anodized, Add	*35.91*	
		For Polished Or Patina Finish, Add	*35.91*	
		For Polished Anodized Finish, Add	*53.87*	
10 14 19 00-0059	EA	16" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	143.08	14.66
		For Installation With Adhesive, Deduct	*-13.02*	
		For Clear Anodized, Add	*8.44*	
		For Satin Face And Enameled Return, Add	*29.55*	
		For Color Anodized, Add	*42.21*	
		For Polished Or Patina Finish, Add	*42.21*	
		For Polished Anodized Finish, Add	*63.32*	
10 14 19 00-0060	EA	18" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	160.93	16.29
		For Installation With Adhesive, Deduct	*-14.56*	
		For Clear Anodized, Add	*9.58*	
		For Satin Face And Enameled Return, Add	*33.52*	
		For Color Anodized, Add	*47.88*	
		For Polished Or Patina Finish, Add	*47.88*	
		For Polished Anodized Finish, Add	*71.82*	
10 14 19 00-0061	EA	20" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	193.02	18.33
		For Installation With Adhesive, Deduct	*-16.98*	
		For Clear Anodized, Add	*11.97*	
		For Satin Face And Enameled Return, Add	*41.90*	
		For Color Anodized, Add	*59.85*	
		For Polished Or Patina Finish, Add	*59.85*	
		For Polished Anodized Finish, Add	*89.78*	
10 14 19 00-0062	EA	22" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	221.04	19.35
		For Installation With Adhesive, Deduct	*-18.79*	
		For Clear Anodized, Add	*14.36*	
		For Satin Face And Enameled Return, Add	*50.27*	
		For Color Anodized, Add	*71.82*	
		For Polished Or Patina Finish, Add	*71.82*	
		For Polished Anodized Finish, Add	*107.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0063	EA	24" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	272.99	20.36
		For Installation With Adhesive, Deduct	*-21.80*	
		For Clear Anodized, Add	*19.15*	
		For Satin Face And Enameled Return, Add	*67.03*	
		For Color Anodized, Add	*95.76*	
		For Polished Or Patina Finish, Add	*95.76*	
		For Polished Anodized Finish, Add	*143.64*	
10 14 19 00-0064	EA	30" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	389.66	24.44
		For Installation With Adhesive, Deduct	*-29.26*	
		For Clear Anodized, Add	*29.19*	
		For Satin Face And Enameled Return, Add	*102.17*	
		For Color Anodized, Add	*145.95*	
		For Polished Or Patina Finish, Add	*145.95*	
		For Polished Anodized Finish, Add	*218.93*	

10 14 19 00-0065 3/8" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0066	EA	2" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	43.09	5.09
		For Installation With Adhesive, Deduct	*-4.19*	
		For Clear Anodized, Add	*2.27*	
		For Satin Face And Enameled Return, Add	*7.96*	
		For Color Anodized, Add	*11.37*	
		For Polished Or Patina Finish, Add	*11.37*	
		For Polished Anodized Finish, Add	*17.05*	
10 14 19 00-0067	EA	4" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	61.45	5.91
		For Installation With Adhesive, Deduct	*-5.43*	
		For Clear Anodized, Add	*3.78*	
		For Satin Face And Enameled Return, Add	*13.24*	
		For Color Anodized, Add	*18.92*	
		For Polished Or Patina Finish, Add	*18.92*	
		For Polished Anodized Finish, Add	*28.37*	
10 14 19 00-0068	EA	6" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	77.56	7.12
		For Installation With Adhesive, Deduct	*-6.73*	
		For Clear Anodized, Add	*4.90*	
		For Satin Face And Enameled Return, Add	*17.16*	
		For Color Anodized, Add	*24.52*	
		For Polished Or Patina Finish, Add	*24.52*	
		For Polished Anodized Finish, Add	*36.78*	
10 14 19 00-0069	EA	8" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	97.00	8.15
		For Installation With Adhesive, Deduct	*-8.11*	
		For Clear Anodized, Add	*6.44*	
		For Satin Face And Enameled Return, Add	*22.54*	
		For Color Anodized, Add	*32.21*	
		For Polished Or Patina Finish, Add	*32.21*	
		For Polished Anodized Finish, Add	*48.31*	
10 14 19 00-0070	EA	10" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	112.33	9.17
		For Installation With Adhesive, Deduct	*-9.28*	
		For Clear Anodized, Add	*7.57*	
		For Satin Face And Enameled Return, Add	*26.49*	
		For Color Anodized, Add	*37.84*	
		For Polished Or Patina Finish, Add	*37.84*	
		For Polished Anodized Finish, Add	*56.76*	
10 14 19 00-0071	EA	12" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	131.87	10.59
		For Installation With Adhesive, Deduct	*-10.83*	
		For Clear Anodized, Add	*8.95*	
		For Satin Face And Enameled Return, Add	*31.33*	
		For Color Anodized, Add	*44.76*	
		For Polished Or Patina Finish, Add	*44.76*	
		For Polished Anodized Finish, Add	*67.13*	
10 14 19 00-0072	EA	14" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	154.46	12.22
		For Installation With Adhesive, Deduct	*-12.61*	
		For Clear Anodized, Add	*10.56*	
		For Satin Face And Enameled Return, Add	*36.95*	
		For Color Anodized, Add	*52.79*	
		For Polished Or Patina Finish, Add	*52.79*	
		For Polished Anodized Finish, Add	*79.19*	
10 14 19 00-0073	EA	16" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	191.20	14.66
		For Installation With Adhesive, Deduct	*-15.43*	
		For Clear Anodized, Add	*13.25*	
		For Satin Face And Enameled Return, Add	*46.39*	
		For Color Anodized, Add	*66.27*	
		For Polished Or Patina Finish, Add	*66.27*	
		For Polished Anodized Finish, Add	*99.41*	
10 14 19 00-0074	EA	18" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	221.26	16.29
		For Installation With Adhesive, Deduct	*-17.58*	
		For Clear Anodized, Add	*15.61*	
		For Satin Face And Enameled Return, Add	*54.63*	
		For Color Anodized, Add	*78.05*	
		For Polished Or Patina Finish, Add	*78.05*	
		For Polished Anodized Finish, Add	*117.07*	
10 14 19 00-0075	EA	20" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	256.46	18.33
		For Installation With Adhesive, Deduct	*-20.16*	
		For Clear Anodized, Add	*18.31*	
		For Satin Face And Enameled Return, Add	*64.10*	
		For Color Anodized, Add	*91.57*	
		For Polished Or Patina Finish, Add	*91.57*	
		For Polished Anodized Finish, Add	*137.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0076	EA	22" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	287.11	19.35
		For Installation With Adhesive, Deduct	*-22.10*	
		For Clear Anodized, Add	*20.97*	
		For Satin Face And Enameled Return, Add	*73.40*	
		For Color Anodized, Add	*104.86*	
		For Polished Or Patina Finish, Add	*104.86*	
		For Polished Anodized Finish, Add	*157.28*	
10 14 19 00-0077	EA	24" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	318.95	20.36
		For Installation With Adhesive, Deduct	*-24.09*	
		For Clear Anodized, Add	*23.75*	
		For Satin Face And Enameled Return, Add	*83.12*	
		For Color Anodized, Add	*118.74*	
		For Polished Or Patina Finish, Add	*118.74*	
		For Polished Anodized Finish, Add	*178.11*	
10 14 19 00-0078	EA	30" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	437.96	24.44
		For Installation With Adhesive, Deduct	*-31.67*	
		For Clear Anodized, Add	*34.02*	
		For Satin Face And Enameled Return, Add	*119.07*	
		For Color Anodized, Add	*170.10*	
		For Polished Or Patina Finish, Add	*170.10*	
		For Polished Anodized Finish, Add	*255.15*	

10 14 19 00-0079 1/2" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0080	EA	2" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	53.35	5.09
		For Installation With Adhesive, Deduct	*-4.70*	
		For Clear Anodized, Add	*3.30*	
		For Satin Face And Enameled Return, Add	*11.55*	
		For Color Anodized, Add	*16.50*	
		For Polished Or Patina Finish, Add	*16.50*	
		For Polished Anodized Finish, Add	*24.74*	
10 14 19 00-0081	EA	4" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	68.87	5.91
		For Installation With Adhesive, Deduct	*-5.81*	
		For Clear Anodized, Add	*4.53*	
		For Satin Face And Enameled Return, Add	*15.84*	
		For Color Anodized, Add	*22.63*	
		For Polished Or Patina Finish, Add	*22.63*	
		For Polished Anodized Finish, Add	*33.94*	
10 14 19 00-0082	EA	6" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	86.38	7.12
		For Installation With Adhesive, Deduct	*-7.17*	
		For Clear Anodized, Add	*5.79*	
		For Satin Face And Enameled Return, Add	*20.25*	
		For Color Anodized, Add	*28.93*	
		For Polished Or Patina Finish, Add	*28.93*	
		For Polished Anodized Finish, Add	*43.40*	
10 14 19 00-0083	EA	8" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	101.99	8.15
		For Installation With Adhesive, Deduct	*-8.36*	
		For Clear Anodized, Add	*6.94*	
		For Satin Face And Enameled Return, Add	*24.29*	
		For Color Anodized, Add	*34.70*	
		For Polished Or Patina Finish, Add	*34.70*	
		For Polished Anodized Finish, Add	*52.05*	
10 14 19 00-0084	EA	10" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	118.68	9.17
		For Installation With Adhesive, Deduct	*-9.60*	
		For Clear Anodized, Add	*8.20*	
		For Satin Face And Enameled Return, Add	*28.71*	
		For Color Anodized, Add	*41.02*	
		For Polished Or Patina Finish, Add	*41.02*	
		For Polished Anodized Finish, Add	*61.52*	
10 14 19 00-0085	EA	12" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	145.78	10.59
		For Installation With Adhesive, Deduct	*-11.53*	
		For Clear Anodized, Add	*10.34*	
		For Satin Face And Enameled Return, Add	*36.20*	
		For Color Anodized, Add	*51.71*	
		For Polished Or Patina Finish, Add	*51.71*	
		For Polished Anodized Finish, Add	*77.57*	
10 14 19 00-0086	EA	14" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	179.59	12.22
		For Installation With Adhesive, Deduct	*-13.87*	
		For Clear Anodized, Add	*13.07*	
		For Satin Face And Enameled Return, Add	*45.75*	
		For Color Anodized, Add	*65.36*	
		For Polished Or Patina Finish, Add	*65.36*	
		For Polished Anodized Finish, Add	*98.03*	
10 14 19 00-0087	EA	16" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	217.37	14.66
		For Installation With Adhesive, Deduct	*-16.73*	
		For Clear Anodized, Add	*15.87*	
		For Satin Face And Enameled Return, Add	*55.55*	
		For Color Anodized, Add	*79.36*	
		For Polished Or Patina Finish, Add	*79.36*	
		For Polished Anodized Finish, Add	*119.03*	
10 14 19 00-0088	EA	18" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	263.39	16.29
		For Installation With Adhesive, Deduct	*-19.69*	
		For Clear Anodized, Add	*19.82*	
		For Satin Face And Enameled Return, Add	*69.38*	
		For Color Anodized, Add	*99.11*	
		For Polished Or Patina Finish, Add	*99.11*	
		For Polished Anodized Finish, Add	*148.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0089	EA	20" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	310.33	18.33
		For Installation With Adhesive, Deduct	*-22.85*	
		For Clear Anodized, Add	*23.70*	
		For Satin Face And Enameled Return, Add	*82.95*	
		For Color Anodized, Add	*118.51*	
		For Polished Or Patina Finish, Add	*118.51*	
		For Polished Anodized Finish, Add	*177.76*	
10 14 19 00-0090	EA	22" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	356.06	19.35
		For Installation With Adhesive, Deduct	*-25.54*	
		For Clear Anodized, Add	*27.87*	
		For Satin Face And Enameled Return, Add	*97.53*	
		For Color Anodized, Add	*139.33*	
		For Polished Or Patina Finish, Add	*139.33*	
		For Polished Anodized Finish, Add	*209.00*	
10 14 19 00-0091	EA	24" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	399.39	20.36
		For Installation With Adhesive, Deduct	*-28.12*	
		For Clear Anodized, Add	*31.79*	
		For Satin Face And Enameled Return, Add	*111.27*	
		For Color Anodized, Add	*158.96*	
		For Polished Or Patina Finish, Add	*158.96*	
		For Polished Anodized Finish, Add	*238.44*	
10 14 19 00-0092	EA	30" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	553.63	24.44
		For Installation With Adhesive, Deduct	*-37.46*	
		For Clear Anodized, Add	*45.59*	
		For Satin Face And Enameled Return, Add	*159.55*	
		For Color Anodized, Add	*227.94*	
		For Polished Or Patina Finish, Add	*227.94*	
		For Polished Anodized Finish, Add	*341.90*	

10 14 19 00-0093 3/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0094	EA	2" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	55.70	5.09
		For Installation With Adhesive, Deduct	*-4.82*	
		For Clear Anodized, Add	*3.53*	
		For Satin Face And Enameled Return, Add	*12.37*	
		For Color Anodized, Add	*17.67*	
		For Polished Or Patina Finish, Add	*17.67*	
		For Polished Anodized Finish, Add	*26.51*	
10 14 19 00-0095	EA	4" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	71.50	5.91
		For Installation With Adhesive, Deduct	*-5.94*	
		For Clear Anodized, Add	*4.79*	
		For Satin Face And Enameled Return, Add	*16.76*	
		For Color Anodized, Add	*23.94*	
		For Polished Or Patina Finish, Add	*23.94*	
		For Polished Anodized Finish, Add	*35.91*	
10 14 19 00-0096	EA	6" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	94.14	7.12
		For Installation With Adhesive, Deduct	*-7.56*	
		For Clear Anodized, Add	*6.56*	
		For Satin Face And Enameled Return, Add	*22.97*	
		For Color Anodized, Add	*32.81*	
		For Polished Or Patina Finish, Add	*32.81*	
		For Polished Anodized Finish, Add	*49.22*	
10 14 19 00-0097	EA	8" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	124.67	8.15
		For Installation With Adhesive, Deduct	*-9.49*	
		For Clear Anodized, Add	*9.21*	
		For Satin Face And Enameled Return, Add	*32.23*	
		For Color Anodized, Add	*46.04*	
		For Polished Or Patina Finish, Add	*46.04*	
		For Polished Anodized Finish, Add	*69.06*	
10 14 19 00-0098	EA	10" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	156.25	9.17
		For Installation With Adhesive, Deduct	*-11.48*	
		For Clear Anodized, Add	*11.96*	
		For Satin Face And Enameled Return, Add	*41.86*	
		For Color Anodized, Add	*59.80*	
		For Polished Or Patina Finish, Add	*59.80*	
		For Polished Anodized Finish, Add	*89.70*	
10 14 19 00-0099	EA	12" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	195.98	10.59
		For Installation With Adhesive, Deduct	*-14.04*	
		For Clear Anodized, Add	*15.36*	
		For Satin Face And Enameled Return, Add	*53.77*	
		For Color Anodized, Add	*76.81*	
		For Polished Or Patina Finish, Add	*76.81*	
		For Polished Anodized Finish, Add	*115.22*	
10 14 19 00-0100	EA	14" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	244.23	12.22
		For Installation With Adhesive, Deduct	*-17.10*	
		For Clear Anodized, Add	*19.54*	
		For Satin Face And Enameled Return, Add	*68.37*	
		For Color Anodized, Add	*97.68*	
		For Polished Or Patina Finish, Add	*97.68*	
		For Polished Anodized Finish, Add	*146.51*	
10 14 19 00-0101	EA	16" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	301.79	14.66
		For Installation With Adhesive, Deduct	*-20.96*	
		For Clear Anodized, Add	*24.31*	
		For Satin Face And Enameled Return, Add	*85.10*	
		For Color Anodized, Add	*121.57*	
		For Polished Or Patina Finish, Add	*121.57*	
		For Polished Anodized Finish, Add	*182.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0102	EA	18" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	368.73	16.29
		For Installation With Adhesive, Deduct	*-24.95*	
		For Clear Anodized, Add	*30.36*	
		For Satin Face And Enameled Return, Add	*106.25*	
		For Color Anodized, Add	*151.78*	
		For Polished Or Patina Finish, Add	*151.78*	
		For Polished Anodized Finish, Add	*227.67*	
10 14 19 00-0103	EA	20" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	438.40	18.33
		For Installation With Adhesive, Deduct	*-29.25*	
		For Clear Anodized, Add	*36.51*	
		For Satin Face And Enameled Return, Add	*127.78*	
		For Color Anodized, Add	*182.54*	
		For Polished Or Patina Finish, Add	*182.54*	
		For Polished Anodized Finish, Add	*273.81*	
10 14 19 00-0104	EA	22" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	508.32	19.35
		For Installation With Adhesive, Deduct	*-33.16*	
		For Clear Anodized, Add	*43.09*	
		For Satin Face And Enameled Return, Add	*150.82*	
		For Color Anodized, Add	*215.46*	
		For Polished Or Patina Finish, Add	*215.46*	
		For Polished Anodized Finish, Add	*323.19*	
10 14 19 00-0105	EA	24" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	581.34	20.36
		For Installation With Adhesive, Deduct	*-37.21*	
		For Clear Anodized, Add	*49.99*	
		For Satin Face And Enameled Return, Add	*174.95*	
		For Color Anodized, Add	*249.94*	
		For Polished Or Patina Finish, Add	*249.94*	
		For Polished Anodized Finish, Add	*374.90*	
10 14 19 00-0106	EA	30" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	798.57	24.44
		For Installation With Adhesive, Deduct	*-49.70*	
		For Clear Anodized, Add	*70.08*	
		For Satin Face And Enameled Return, Add	*245.28*	
		For Color Anodized, Add	*350.41*	
		For Polished Or Patina Finish, Add	*350.41*	
		For Polished Anodized Finish, Add	*525.61*	

10 14 19 00-0107 1" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0108	EA	2" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	61.94	5.09
		For Installation With Adhesive, Deduct	*-5.13*	
		For Clear Anodized, Add	*4.16*	
		For Satin Face And Enameled Return, Add	*14.55*	
		For Color Anodized, Add	*20.79*	
		For Polished Or Patina Finish, Add	*20.79*	
		For Polished Anodized Finish, Add	*31.19*	
10 14 19 00-0109	EA	4" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	76.53	5.91
		For Installation With Adhesive, Deduct	*-6.19*	
		For Clear Anodized, Add	*5.29*	
		For Satin Face And Enameled Return, Add	*18.52*	
		For Color Anodized, Add	*26.46*	
		For Polished Or Patina Finish, Add	*26.46*	
		For Polished Anodized Finish, Add	*39.68*	
10 14 19 00-0110	EA	6" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	100.49	7.12
		For Installation With Adhesive, Deduct	*-7.88*	
		For Clear Anodized, Add	*7.20*	
		For Satin Face And Enameled Return, Add	*25.19*	
		For Color Anodized, Add	*35.99*	
		For Polished Or Patina Finish, Add	*35.99*	
		For Polished Anodized Finish, Add	*53.98*	
10 14 19 00-0111	EA	8" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	137.37	8.15
		For Installation With Adhesive, Deduct	*-10.13*	
		For Clear Anodized, Add	*10.48*	
		For Satin Face And Enameled Return, Add	*36.67*	
		For Color Anodized, Add	*52.39*	
		For Polished Or Patina Finish, Add	*52.39*	
		For Polished Anodized Finish, Add	*78.59*	
10 14 19 00-0112	EA	10" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	186.41	9.17
		For Installation With Adhesive, Deduct	*-12.99*	
		For Clear Anodized, Add	*14.98*	
		For Satin Face And Enameled Return, Add	*52.42*	
		For Color Anodized, Add	*74.88*	
		For Polished Or Patina Finish, Add	*74.88*	
		For Polished Anodized Finish, Add	*112.32*	
10 14 19 00-0113	EA	12" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	243.76	10.59
		For Installation With Adhesive, Deduct	*-16.42*	
		For Clear Anodized, Add	*20.14*	
		For Satin Face And Enameled Return, Add	*70.49*	
		For Color Anodized, Add	*100.70*	
		For Polished Or Patina Finish, Add	*100.70*	
		For Polished Anodized Finish, Add	*151.05*	
10 14 19 00-0114	EA	14" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	308.15	12.22
		For Installation With Adhesive, Deduct	*-20.30*	
		For Clear Anodized, Add	*25.93*	
		For Satin Face And Enameled Return, Add	*90.74*	
		For Color Anodized, Add	*129.64*	
		For Polished Or Patina Finish, Add	*129.64*	
		For Polished Anodized Finish, Add	*194.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0115	EA	16" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	382.83	14.66
		For Installation With Adhesive, Deduct	*-25.01*	
		For Clear Anodized, Add	*32.42*	
		For Satin Face And Enameled Return, Add	*113.46*	
		For Color Anodized, Add	*162.09*	
		For Polished Or Patina Finish, Add	*162.09*	
		For Polished Anodized Finish, Add	*243.13*	
10 14 19 00-0116	EA	18" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	463.53	16.29
		For Installation With Adhesive, Deduct	*-29.69*	
		For Clear Anodized, Add	*39.84*	
		For Satin Face And Enameled Return, Add	*139.43*	
		For Color Anodized, Add	*199.18*	
		For Polished Or Patina Finish, Add	*199.18*	
		For Polished Anodized Finish, Add	*298.77*	
10 14 19 00-0117	EA	20" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	570.08	18.33
		For Installation With Adhesive, Deduct	*-35.84*	
		For Clear Anodized, Add	*49.68*	
		For Satin Face And Enameled Return, Add	*173.87*	
		For Color Anodized, Add	*248.38*	
		For Polished Or Patina Finish, Add	*248.38*	
		For Polished Anodized Finish, Add	*372.57*	
10 14 19 00-0118	EA	22" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	679.25	19.35
		For Installation With Adhesive, Deduct	*-41.70*	
		For Clear Anodized, Add	*60.19*	
		For Satin Face And Enameled Return, Add	*210.65*	
		For Color Anodized, Add	*300.93*	
		For Polished Or Patina Finish, Add	*300.93*	
		For Polished Anodized Finish, Add	*451.39*	
10 14 19 00-0119	EA	24" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	801.59	20.36
		For Installation With Adhesive, Deduct	*-48.23*	
		For Clear Anodized, Add	*72.01*	
		For Satin Face And Enameled Return, Add	*252.04*	
		For Color Anodized, Add	*360.06*	
		For Polished Or Patina Finish, Add	*360.06*	
		For Polished Anodized Finish, Add	*540.09*	
10 14 19 00-0120	EA	30" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,131.97	24.44
		For Installation With Adhesive, Deduct	*-66.37*	
		For Clear Anodized, Add	*103.42*	
		For Satin Face And Enameled Return, Add	*361.97*	
		For Color Anodized, Add	*517.11*	
		For Polished Or Patina Finish, Add	*517.11*	
		For Polished Anodized Finish, Add	*775.66*	

10 14 19 00-0121 Satin Finish, Brass Characters *(10 14 19 00-0049)*

10 14 19 00-0122 1/4" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0123	EA	2" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	51.23	5.09
		For Installation With Adhesive, Deduct	*-4.60*	
		For Oxidized Finish, Add	*4.63*	
		For Polished Finish, Add	*9.26*	
10 14 19 00-0124	EA	4" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	66.58	5.91
		For Installation With Adhesive, Deduct	*-5.69*	
		For Oxidized Finish, Add	*6.44*	
		For Polished Finish, Add	*12.89*	
10 14 19 00-0125	EA	6" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	92.46	7.12
		For Installation With Adhesive, Deduct	*-7.48*	
		For Oxidized Finish, Add	*9.59*	
		For Polished Finish, Add	*19.18*	
10 14 19 00-0126	EA	8" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	121.89	8.15
		For Installation With Adhesive, Deduct	*-9.35*	
		For Oxidized Finish, Add	*13.40*	
		For Polished Finish, Add	*26.79*	
10 14 19 00-0127	EA	10" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	156.82	9.17
		For Installation With Adhesive, Deduct	*-11.51*	
		For Oxidized Finish, Add	*18.03*	
		For Polished Finish, Add	*36.05*	
10 14 19 00-0128	EA	12" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	198.92	10.59
		For Installation With Adhesive, Deduct	*-14.18*	
		For Oxidized Finish, Add	*23.48*	
		For Polished Finish, Add	*46.97*	
10 14 19 00-0129	EA	14" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	249.54	12.22
		For Installation With Adhesive, Deduct	*-17.37*	
		For Oxidized Finish, Add	*30.10*	
		For Polished Finish, Add	*60.20*	
10 14 19 00-0130	EA	16" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	304.52	14.66
		For Installation With Adhesive, Deduct	*-21.09*	
		For Oxidized Finish, Add	*36.88*	
		For Polished Finish, Add	*73.76*	
10 14 19 00-0131	EA	18" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	370.72	16.29
		For Installation With Adhesive, Deduct	*-25.05*	
		For Oxidized Finish, Add	*45.83*	
		For Polished Finish, Add	*91.67*	
10 14 19 00-0132	EA	20" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	441.56	18.33
		For Installation With Adhesive, Deduct	*-29.41*	
		For Oxidized Finish, Add	*55.24*	
		For Polished Finish, Add	*110.47*	
10 14 19 00-0133	EA	22" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	544.86	19.35
		For Installation With Adhesive, Deduct	*-34.98*	
		For Oxidized Finish, Add	*70.12*	
		For Polished Finish, Add	*140.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0134	EA	24" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	598.07	20.36
		For Installation With Adhesive, Deduct	*-38.05*	
		For Oxidized Finish, Add	*77.49*	
		For Polished Finish, Add	*154.98*	
10 14 19 00-0135	EA	30" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	903.27	24.44
		For Installation With Adhesive, Deduct	*-54.94*	
		For Oxidized Finish, Add	*120.83*	
		For Polished Finish, Add	*241.65*	

10 14 19 00-0136 3/8" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0137	EA	2" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	62.03	5.09
		For Installation With Adhesive, Deduct	*-5.14*	
		For Oxidized Finish, Add	*6.25*	
		For Polished Finish, Add	*12.50*	
10 14 19 00-0138	EA	4" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	81.61	5.91
		For Installation With Adhesive, Deduct	*-6.44*	
		For Oxidized Finish, Add	*8.70*	
		For Polished Finish, Add	*17.40*	
10 14 19 00-0139	EA	6" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	118.04	7.12
		For Installation With Adhesive, Deduct	*-8.75*	
		For Oxidized Finish, Add	*13.43*	
		For Polished Finish, Add	*26.86*	
10 14 19 00-0140	EA	8" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	157.61	8.15
		For Installation With Adhesive, Deduct	*-11.14*	
		For Oxidized Finish, Add	*18.75*	
		For Polished Finish, Add	*37.51*	
10 14 19 00-0141	EA	10" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	210.90	9.17
		For Installation With Adhesive, Deduct	*-14.21*	
		For Oxidized Finish, Add	*26.14*	
		For Polished Finish, Add	*52.28*	
10 14 19 00-0142	EA	12" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	269.36	10.59
		For Installation With Adhesive, Deduct	*-17.70*	
		For Oxidized Finish, Add	*34.05*	
		For Polished Finish, Add	*68.10*	
10 14 19 00-0143	EA	14" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	339.83	12.22
		For Installation With Adhesive, Deduct	*-21.88*	
		For Oxidized Finish, Add	*43.64*	
		For Polished Finish, Add	*87.29*	
10 14 19 00-0144	EA	16" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	402.86	14.66
		For Installation With Adhesive, Deduct	*-26.01*	
		For Oxidized Finish, Add	*51.63*	
		For Polished Finish, Add	*103.26*	
10 14 19 00-0145	EA	18" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	508.22	16.29
		For Installation With Adhesive, Deduct	*-31.93*	
		For Oxidized Finish, Add	*66.46*	
		For Polished Finish, Add	*132.92*	
10 14 19 00-0146	EA	20" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	588.85	18.33
		For Installation With Adhesive, Deduct	*-36.77*	
		For Oxidized Finish, Add	*77.33*	
		For Polished Finish, Add	*154.66*	
10 14 19 00-0147	EA	22" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	727.17	19.35
		For Installation With Adhesive, Deduct	*-44.10*	
		For Oxidized Finish, Add	*97.47*	
		For Polished Finish, Add	*194.93*	
10 14 19 00-0148	EA	24" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	830.54	20.36
		For Installation With Adhesive, Deduct	*-49.67*	
		For Oxidized Finish, Add	*112.36*	
		For Polished Finish, Add	*224.72*	
10 14 19 00-0149	EA	30" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,152.97	24.44
		For Installation With Adhesive, Deduct	*-67.42*	
		For Oxidized Finish, Add	*158.28*	
		For Polished Finish, Add	*316.56*	

10 14 19 00-0150 1/2" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0151	EA	2" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	79.01	5.09
		For Installation With Adhesive, Deduct	*-5.99*	
		For Oxidized Finish, Add	*8.80*	
		For Polished Finish, Add	*17.60*	
10 14 19 00-0152	EA	4" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	103.09	5.91
		For Installation With Adhesive, Deduct	*-7.52*	
		For Oxidized Finish, Add	*11.92*	
		For Polished Finish, Add	*23.84*	
10 14 19 00-0153	EA	6" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	150.02	7.12
		For Installation With Adhesive, Deduct	*-10.35*	
		For Oxidized Finish, Add	*18.23*	
		For Polished Finish, Add	*36.45*	
10 14 19 00-0154	EA	8" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	206.73	8.15
		For Installation With Adhesive, Deduct	*-13.60*	
		For Oxidized Finish, Add	*26.12*	
		For Polished Finish, Add	*52.24*	
10 14 19 00-0155	EA	10" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	289.01	9.17
		For Installation With Adhesive, Deduct	*-18.12*	
		For Oxidized Finish, Add	*37.85*	
		For Polished Finish, Add	*75.71*	
10 14 19 00-0156	EA	12" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	386.78	10.59
		For Installation With Adhesive, Deduct	*-23.58*	
		For Oxidized Finish, Add	*51.66*	
		For Polished Finish, Add	*103.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0157	EA	14" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	480.29	12.22
		For Installation With Adhesive, Deduct	*-28.90*	
		For Oxidized Finish, Add	*64.71*	
		For Polished Finish, Add	*129.42*	
10 14 19 00-0158	EA	16" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	572.50	14.66
		For Installation With Adhesive, Deduct	*-34.49*	
		For Oxidized Finish, Add	*77.08*	
		For Polished Finish, Add	*154.15*	
10 14 19 00-0159	EA	18" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	783.21	16.29
		For Installation With Adhesive, Deduct	*-45.68*	
		For Oxidized Finish, Add	*107.71*	
		For Polished Finish, Add	*215.41*	
10 14 19 00-0160	EA	20" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	883.44	18.33
		For Installation With Adhesive, Deduct	*-51.50*	
		For Oxidized Finish, Add	*121.52*	
		For Polished Finish, Add	*243.04*	
10 14 19 00-0161	EA	22" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,105.81	19.35
		For Installation With Adhesive, Deduct	*-63.03*	
		For Oxidized Finish, Add	*154.26*	
		For Polished Finish, Add	*308.52*	
10 14 19 00-0162	EA	24" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,295.48	20.36
		For Installation With Adhesive, Deduct	*-72.92*	
		For Oxidized Finish, Add	*182.10*	
		For Polished Finish, Add	*364.20*	
10 14 19 00-0163	EA	30" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,958.48	24.44
		For Installation With Adhesive, Deduct	*-107.70*	
		For Oxidized Finish, Add	*279.11*	
		For Polished Finish, Add	*558.22*	

10 14 19 00-0164 3/4" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0165	EA	2" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	97.54	5.09
		For Installation With Adhesive, Deduct	*-6.91*	
		For Oxidized Finish, Add	*11.58*	
		For Polished Finish, Add	*23.15*	
10 14 19 00-0166	EA	4" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	137.45	5.91
		For Installation With Adhesive, Deduct	*-9.23*	
		For Oxidized Finish, Add	*17.07*	
		For Polished Finish, Add	*34.15*	
10 14 19 00-0167	EA	6" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	188.38	7.12
		For Installation With Adhesive, Deduct	*-12.27*	
		For Oxidized Finish, Add	*23.98*	
		For Polished Finish, Add	*47.96*	
10 14 19 00-0168	EA	8" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	255.85	8.15
		For Installation With Adhesive, Deduct	*-16.05*	
		For Oxidized Finish, Add	*33.49*	
		For Polished Finish, Add	*66.98*	
10 14 19 00-0169	EA	10" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	349.10	9.17
		For Installation With Adhesive, Deduct	*-21.12*	
		For Oxidized Finish, Add	*46.87*	
		For Polished Finish, Add	*93.74*	
10 14 19 00-0170	EA	12" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	480.71	10.59
		For Installation With Adhesive, Deduct	*-28.27*	
		For Oxidized Finish, Add	*65.75*	
		For Polished Finish, Add	*131.51*	
10 14 19 00-0171	EA	14" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	600.68	12.22
		For Installation With Adhesive, Deduct	*-34.92*	
		For Oxidized Finish, Add	*82.77*	
		For Polished Finish, Add	*165.54*	
10 14 19 00-0172	EA	16" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	700.35	14.66
		For Installation With Adhesive, Deduct	*-40.88*	
		For Oxidized Finish, Add	*96.25*	
		For Polished Finish, Add	*192.51*	
10 14 19 00-0173	EA	18" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	935.99	16.29
		For Installation With Adhesive, Deduct	*-53.32*	
		For Oxidized Finish, Add	*130.62*	
		For Polished Finish, Add	*261.25*	
10 14 19 00-0174	EA	20" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,023.37	18.33
		For Installation With Adhesive, Deduct	*-58.50*	
		For Oxidized Finish, Add	*142.51*	
		For Polished Finish, Add	*285.02*	
10 14 19 00-0175	EA	22" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,302.15	19.35
		For Installation With Adhesive, Deduct	*-72.85*	
		For Oxidized Finish, Add	*183.71*	
		For Polished Finish, Add	*367.43*	
10 14 19 00-0176	EA	24" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,657.10	20.36
		For Installation With Adhesive, Deduct	*-91.00*	
		For Oxidized Finish, Add	*236.34*	
		For Polished Finish, Add	*472.69*	
10 14 19 00-0177	EA	30" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,506.23	24.44
		For Installation With Adhesive, Deduct	*-135.09*	
		For Oxidized Finish, Add	*361.27*	
		For Polished Finish, Add	*722.54*	

10 14 19 00-0178 Satin Finish, Bronze Characters *(10 14 19 00-0049)*

10 14 19 00-0179 1/4" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0180	EA	2" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	51.23	5.09
		For Installation With Adhesive, Deduct	*-4.60*	
		For Oxidized Finish, Add	*4.63*	
		For Polished Or Patina Finish, Add	*9.26*	
10 14 19 00-0181	EA	4" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	66.62	5.91
		For Installation With Adhesive, Deduct	*-5.69*	
		For Oxidized Finish, Add	*6.45*	
		For Polished Or Patina Finish, Add	*12.90*	
10 14 19 00-0182	EA	6" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	92.46	7.12
		For Installation With Adhesive, Deduct	*-7.48*	
		For Oxidized Finish, Add	*9.59*	
		For Polished Or Patina Finish, Add	*19.18*	
10 14 19 00-0183	EA	8" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	121.89	8.15
		For Installation With Adhesive, Deduct	*-9.35*	
		For Oxidized Finish, Add	*13.40*	
		For Polished Or Patina Finish, Add	*26.79*	
10 14 19 00-0184	EA	10" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	156.82	9.17
		For Installation With Adhesive, Deduct	*-11.51*	
		For Oxidized Finish, Add	*18.03*	
		For Polished Or Patina Finish, Add	*36.05*	
10 14 19 00-0185	EA	12" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	198.92	10.59
		For Installation With Adhesive, Deduct	*-14.18*	
		For Oxidized Finish, Add	*23.48*	
		For Polished Or Patina Finish, Add	*46.97*	
10 14 19 00-0186	EA	14" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	249.54	12.22
		For Installation With Adhesive, Deduct	*-17.37*	
		For Oxidized Finish, Add	*30.10*	
		For Polished Or Patina Finish, Add	*60.20*	
10 14 19 00-0187	EA	16" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	310.03	14.66
		For Installation With Adhesive, Deduct	*-21.37*	
		For Oxidized Finish, Add	*37.71*	
		For Polished Or Patina Finish, Add	*75.41*	
10 14 19 00-0188	EA	18" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	371.67	16.29
		For Installation With Adhesive, Deduct	*-25.10*	
		For Oxidized Finish, Add	*45.98*	
		For Polished Or Patina Finish, Add	*91.95*	
10 14 19 00-0189	EA	20" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	441.56	18.33
		For Installation With Adhesive, Deduct	*-29.41*	
		For Oxidized Finish, Add	*55.24*	
		For Polished Or Patina Finish, Add	*110.47*	
10 14 19 00-0190	EA	22" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	516.20	19.35
		For Installation With Adhesive, Deduct	*-33.55*	
		For Oxidized Finish, Add	*65.82*	
		For Polished Or Patina Finish, Add	*131.64*	
10 14 19 00-0191	EA	24" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	598.54	20.36
		For Installation With Adhesive, Deduct	*-38.07*	
		For Oxidized Finish, Add	*77.56*	
		For Polished Or Patina Finish, Add	*155.12*	
10 14 19 00-0192	EA	30" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	911.40	24.44
		For Installation With Adhesive, Deduct	*-55.35*	
		For Oxidized Finish, Add	*122.05*	
		For Polished Or Patina Finish, Add	*244.09*	

10 14 19 00-0193 3/8" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

10 14 19 00-0194	EA	2" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	61.11	5.09
		For Installation With Adhesive, Deduct	*-5.09*	
		For Oxidized Finish, Add	*6.11*	
		For Polished Or Patina Finish, Add	*12.23*	
10 14 19 00-0195	EA	4" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	79.95	5.91
		For Installation With Adhesive, Deduct	*-6.36*	
		For Oxidized Finish, Add	*8.45*	
		For Polished Or Patina Finish, Add	*16.90*	
10 14 19 00-0196	EA	6" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	116.76	7.12
		For Installation With Adhesive, Deduct	*-8.69*	
		For Oxidized Finish, Add	*13.24*	
		For Polished Or Patina Finish, Add	*26.47*	
10 14 19 00-0197	EA	8" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	154.93	8.15
		For Installation With Adhesive, Deduct	*-11.01*	
		For Oxidized Finish, Add	*18.35*	
		For Polished Or Patina Finish, Add	*36.70*	
10 14 19 00-0198	EA	10" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	210.90	9.17
		For Installation With Adhesive, Deduct	*-14.21*	
		For Oxidized Finish, Add	*26.14*	
		For Polished Or Patina Finish, Add	*52.28*	
10 14 19 00-0199	EA	12" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	267.80	10.59
		For Installation With Adhesive, Deduct	*-17.63*	
		For Oxidized Finish, Add	*33.82*	
		For Polished Or Patina Finish, Add	*67.63*	
10 14 19 00-0200	EA	14" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	335.82	12.22
		For Installation With Adhesive, Deduct	*-21.68*	
		For Oxidized Finish, Add	*43.04*	
		For Polished Or Patina Finish, Add	*86.08*	
10 14 19 00-0201	EA	16" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	415.61	14.66
		For Installation With Adhesive, Deduct	*-26.65*	
		For Oxidized Finish, Add	*53.54*	
		For Polished Or Patina Finish, Add	*107.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0202	EA	18" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	503.46	16.29
		For Installation With Adhesive, Deduct	*-31.69*	
		For Oxidized Finish, Add	*65.74*	
		For Polished Or Patina Finish, Add	*131.49*	
10 14 19 00-0203	EA	20" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	599.90	18.33
		For Installation With Adhesive, Deduct	*-37.33*	
		For Oxidized Finish, Add	*78.99*	
		For Polished Or Patina Finish, Add	*157.97*	
10 14 19 00-0204	EA	22" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	704.88	19.35
		For Installation With Adhesive, Deduct	*-42.98*	
		For Oxidized Finish, Add	*94.12*	
		For Polished Or Patina Finish, Add	*188.24*	
10 14 19 00-0205	EA	24" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	800.20	20.36
		For Installation With Adhesive, Deduct	*-48.16*	
		For Oxidized Finish, Add	*107.81*	
		For Polished Or Patina Finish, Add	*215.62*	
10 14 19 00-0206	EA	30" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,098.54	24.44
		For Installation With Adhesive, Deduct	*-64.70*	
		For Oxidized Finish, Add	*150.12*	
		For Polished Or Patina Finish, Add	*300.23*	

10 14 19 00-0207 1/2" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

10 14 19 00-0208	EA	2" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	63.27	5.09
		For Installation With Adhesive, Deduct	*-5.20*	
		For Oxidized Finish, Add	*6.44*	
		For Polished Or Patina Finish, Add	*12.87*	
10 14 19 00-0209	EA	4" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	95.43	5.91
		For Installation With Adhesive, Deduct	*-7.13*	
		For Oxidized Finish, Add	*10.77*	
		For Polished Or Patina Finish, Add	*21.54*	
10 14 19 00-0210	EA	6" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	136.59	7.12
		For Installation With Adhesive, Deduct	*-9.68*	
		For Oxidized Finish, Add	*16.21*	
		For Polished Or Patina Finish, Add	*32.42*	
10 14 19 00-0211	EA	8" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	188.87	8.15
		For Installation With Adhesive, Deduct	*-12.70*	
		For Oxidized Finish, Add	*23.44*	
		For Polished Or Patina Finish, Add	*46.88*	
10 14 19 00-0212	EA	10" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	258.97	9.17
		For Installation With Adhesive, Deduct	*-16.61*	
		For Oxidized Finish, Add	*33.35*	
		For Polished Or Patina Finish, Add	*66.70*	
10 14 19 00-0213	EA	12" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	353.90	10.59
		For Installation With Adhesive, Deduct	*-21.93*	
		For Oxidized Finish, Add	*46.73*	
		For Polished Or Patina Finish, Add	*93.46*	
10 14 19 00-0214	EA	14" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	460.22	12.22
		For Installation With Adhesive, Deduct	*-27.90*	
		For Oxidized Finish, Add	*61.70*	
		For Polished Or Patina Finish, Add	*123.40*	
10 14 19 00-0215	EA	16" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	576.48	14.66
		For Installation With Adhesive, Deduct	*-34.69*	
		For Oxidized Finish, Add	*77.67*	
		For Polished Or Patina Finish, Add	*155.35*	
10 14 19 00-0216	EA	18" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	708.81	16.29
		For Installation With Adhesive, Deduct	*-41.96*	
		For Oxidized Finish, Add	*96.55*	
		For Polished Or Patina Finish, Add	*193.09*	
10 14 19 00-0217	EA	20" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	850.30	18.33
		For Installation With Adhesive, Deduct	*-49.85*	
		For Oxidized Finish, Add	*116.55*	
		For Polished Or Patina Finish, Add	*233.09*	
10 14 19 00-0218	EA	22" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,007.65	19.35
		For Installation With Adhesive, Deduct	*-58.12*	
		For Oxidized Finish, Add	*139.54*	
		For Polished Or Patina Finish, Add	*279.08*	
10 14 19 00-0219	EA	24" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,172.49	20.36
		For Installation With Adhesive, Deduct	*-66.77*	
		For Oxidized Finish, Add	*163.65*	
		For Polished Or Patina Finish, Add	*327.31*	
10 14 19 00-0220	EA	30" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,643.69	24.44
		For Installation With Adhesive, Deduct	*-91.96*	
		For Oxidized Finish, Add	*231.89*	
		For Polished Or Patina Finish, Add	*463.78*	

10 14 19 00-0221 Satin Finish, Copper Characters *(10 14 19 00-0049)*

10 14 19 00-0222 1/4" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*

10 14 19 00-0223	EA	2" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	51.23	5.09
		For Installation With Adhesive, Deduct	*-4.60*	
		For Polished Finish, Add	*9.26*	
10 14 19 00-0224	EA	4" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	67.72	5.91
		For Installation With Adhesive, Deduct	*-5.75*	
		For Polished Finish, Add	*13.23*	
10 14 19 00-0225	EA	6" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	96.88	7.12
		For Installation With Adhesive, Deduct	*-7.70*	
		For Polished Finish, Add	*20.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0226	EA	8" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	129.61	8.15
		For Installation With Adhesive, Deduct	*-9.74*	
		For Polished Finish, Add	*29.11*	
10 14 19 00-0227	EA	10" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	165.64	9.17
		For Installation With Adhesive, Deduct	*-11.95*	
		For Polished Finish, Add	*38.70*	
10 14 19 00-0228	EA	12" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	212.14	10.59
		For Installation With Adhesive, Deduct	*-14.84*	
		For Polished Finish, Add	*50.93*	
10 14 19 00-0229	EA	14" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	267.18	12.22
		For Installation With Adhesive, Deduct	*-18.25*	
		For Polished Finish, Add	*65.49*	
10 14 19 00-0230	EA	16" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	329.88	14.66
		For Installation With Adhesive, Deduct	*-22.36*	
		For Polished Finish, Add	*81.37*	
10 14 19 00-0231	EA	18" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	397.02	16.29
		For Installation With Adhesive, Deduct	*-26.37*	
		For Polished Finish, Add	*99.56*	
10 14 19 00-0232	EA	20" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	471.32	18.33
		For Installation With Adhesive, Deduct	*-30.90*	
		For Polished Finish, Add	*119.40*	
10 14 19 00-0233	EA	22" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	552.59	19.35
		For Installation With Adhesive, Deduct	*-35.37*	
		For Polished Finish, Add	*142.56*	
10 14 19 00-0234	EA	24" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	640.44	20.36
		For Installation With Adhesive, Deduct	*-40.17*	
		For Polished Finish, Add	*167.69*	
10 14 19 00-0235	EA	30" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	925.16	24.44
		For Installation With Adhesive, Deduct	*-56.03*	
		For Polished Finish, Add	*248.22*	

10 14 19 00-0236 3/8" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*

10 14 19 00-0237	EA	2" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	58.95	5.09
		For Installation With Adhesive, Deduct	*-4.98*	
		For Polished Finish, Add	*11.58*	
10 14 19 00-0238	EA	4" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	80.95	5.91
		For Installation With Adhesive, Deduct	*-6.41*	
		For Polished Finish, Add	*17.20*	
10 14 19 00-0239	EA	6" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	120.80	7.12
		For Installation With Adhesive, Deduct	*-8.89*	
		For Polished Finish, Add	*27.68*	
10 14 19 00-0240	EA	8" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	168.42	8.15
		For Installation With Adhesive, Deduct	*-11.68*	
		For Polished Finish, Add	*40.75*	
10 14 19 00-0241	EA	10" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	230.14	9.17
		For Installation With Adhesive, Deduct	*-15.17*	
		For Polished Finish, Add	*58.05*	
10 14 19 00-0242	EA	12" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	288.55	10.59
		For Installation With Adhesive, Deduct	*-18.66*	
		For Polished Finish, Add	*73.86*	
10 14 19 00-0243	EA	14" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	365.41	12.22
		For Installation With Adhesive, Deduct	*-23.16*	
		For Polished Finish, Add	*94.96*	
10 14 19 00-0244	EA	16" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	451.92	14.66
		For Installation With Adhesive, Deduct	*-28.46*	
		For Polished Finish, Add	*117.98*	
10 14 19 00-0245	EA	18" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	546.36	16.29
		For Installation With Adhesive, Deduct	*-33.84*	
		For Polished Finish, Add	*144.36*	
10 14 19 00-0246	EA	20" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	650.42	18.33
		For Installation With Adhesive, Deduct	*-39.85*	
		For Polished Finish, Add	*173.13*	
10 14 19 00-0247	EA	22" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	766.42	19.35
		For Installation With Adhesive, Deduct	*-46.06*	
		For Polished Finish, Add	*206.71*	
10 14 19 00-0248	EA	24" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	864.02	20.36
		For Installation With Adhesive, Deduct	*-51.35*	
		For Polished Finish, Add	*234.77*	
10 14 19 00-0249	EA	30" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	1,214.75	24.44
		For Installation With Adhesive, Deduct	*-70.51*	
		For Polished Finish, Add	*335.10*	

10 14 19 00-0250 Satin Finish, Stainless Steel Characters *(10 14 19 00-0049)*

10 14 19 00-0251 1/4" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0252	EA	2" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	43.88	5.09
		For Installation With Adhesive, Deduct	*-4.23*	
		For Polished Finish, Add	*7.06*	
10 14 19 00-0253	EA	4" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	57.72	5.91
		For Installation With Adhesive, Deduct	*-5.25*	
		For Polished Finish, Add	*10.23*	
10 14 19 00-0254	EA	6" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	74.38	7.12
		For Installation With Adhesive, Deduct	*-6.57*	
		For Polished Finish, Add	*13.76*	
10 14 19 00-0255	EA	8" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	96.09	8.15
		For Installation With Adhesive, Deduct	*-8.06*	
		For Polished Finish, Add	*19.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0256	EA	10" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	117.79	9.17
		For Installation With Adhesive, Deduct	*-9.55*	
		For Polished Finish, Add	*24.34*	
10 14 19 00-0257	EA	12" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	144.67	10.59
		For Installation With Adhesive, Deduct	*-11.47*	
		For Polished Finish, Add	*30.69*	
10 14 19 00-0258	EA	14" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	173.54	12.22
		For Installation With Adhesive, Deduct	*-13.57*	
		For Polished Finish, Add	*37.40*	
10 14 19 00-0259	EA	16" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	208.01	14.66
		For Installation With Adhesive, Deduct	*-16.27*	
		For Polished Finish, Add	*44.81*	
10 14 19 00-0260	EA	18" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	242.75	16.29
		For Installation With Adhesive, Deduct	*-18.65*	
		For Polished Finish, Add	*53.27*	
10 14 19 00-0261	EA	20" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	283.82	18.33
		For Installation With Adhesive, Deduct	*-21.52*	
		For Polished Finish, Add	*63.15*	
10 14 19 00-0262	EA	22" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	330.24	19.35
		For Installation With Adhesive, Deduct	*-24.25*	
		For Polished Finish, Add	*75.85*	
10 14 19 00-0263	EA	24" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	377.82	20.36
		For Installation With Adhesive, Deduct	*-27.04*	
		For Polished Finish, Add	*88.91*	
10 14 19 00-0264	EA	30" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	518.77	24.44
		For Installation With Adhesive, Deduct	*-35.71*	
		For Polished Finish, Add	*126.30*	

10 14 19 00-0265 3/8" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0266	EA	2" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	52.11	5.09
		For Installation With Adhesive, Deduct	*-4.64*	
		For Polished Finish, Add	*9.53*	
10 14 19 00-0267	EA	4" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	69.66	5.91
		For Installation With Adhesive, Deduct	*-5.85*	
		For Polished Finish, Add	*13.81*	
10 14 19 00-0268	EA	6" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	89.52	7.12
		For Installation With Adhesive, Deduct	*-7.33*	
		For Polished Finish, Add	*18.30*	
10 14 19 00-0269	EA	8" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	114.51	8.15
		For Installation With Adhesive, Deduct	*-8.98*	
		For Polished Finish, Add	*24.58*	
10 14 19 00-0270	EA	10" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	141.33	9.17
		For Installation With Adhesive, Deduct	*-10.73*	
		For Polished Finish, Add	*31.40*	
10 14 19 00-0271	EA	12" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	174.34	10.59
		For Installation With Adhesive, Deduct	*-12.95*	
		For Polished Finish, Add	*39.59*	
10 14 19 00-0272	EA	14" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	209.69	12.22
		For Installation With Adhesive, Deduct	*-15.37*	
		For Polished Finish, Add	*48.24*	
10 14 19 00-0273	EA	16" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	251.32	14.66
		For Installation With Adhesive, Deduct	*-18.43*	
		For Polished Finish, Add	*57.80*	
10 14 19 00-0274	EA	18" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	292.47	16.29
		For Installation With Adhesive, Deduct	*-21.14*	
		For Polished Finish, Add	*68.19*	
10 14 19 00-0275	EA	20" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	342.77	18.33
		For Installation With Adhesive, Deduct	*-24.47*	
		For Polished Finish, Add	*80.84*	
10 14 19 00-0276	EA	22" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	385.86	19.35
		For Installation With Adhesive, Deduct	*-27.03*	
		For Polished Finish, Add	*92.54*	
10 14 19 00-0277	EA	24" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	443.02	20.36
		For Installation With Adhesive, Deduct	*-30.30*	
		For Polished Finish, Add	*108.47*	
10 14 19 00-0278	EA	30" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	611.39	24.44
		For Installation With Adhesive, Deduct	*-40.35*	
		For Polished Finish, Add	*154.09*	

10 14 19 00-0279 1/2" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0280	EA	2" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	62.70	5.09
		For Installation With Adhesive, Deduct	*-5.17*	
		For Polished Finish, Add	*12.70*	
10 14 19 00-0281	EA	4" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	85.01	5.91
		For Installation With Adhesive, Deduct	*-6.61*	
		For Polished Finish, Add	*18.42*	
10 14 19 00-0282	EA	6" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	109.70	7.12
		For Installation With Adhesive, Deduct	*-8.34*	
		For Polished Finish, Add	*24.35*	
10 14 19 00-0283	EA	8" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	144.36	8.15
		For Installation With Adhesive, Deduct	*-10.48*	
		For Polished Finish, Add	*33.53*	
10 14 19 00-0284	EA	10" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	179.46	9.17
		For Installation With Adhesive, Deduct	*-12.64*	
		For Polished Finish, Add	*42.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0285	EA	12" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	222.43	10.59
		For Installation With Adhesive, Deduct	*-15.36*	
		For Polished Finish, Add	*54.02*	
10 14 19 00-0286	EA	14" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	268.27	12.22
		For Installation With Adhesive, Deduct	*-18.30*	
		For Polished Finish, Add	*65.82*	
10 14 19 00-0287	EA	16" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	321.52	14.66
		For Installation With Adhesive, Deduct	*-21.94*	
		For Polished Finish, Add	*78.86*	
10 14 19 00-0288	EA	18" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	383.03	16.29
		For Installation With Adhesive, Deduct	*-25.67*	
		For Polished Finish, Add	*95.36*	
10 14 19 00-0289	EA	20" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	450.12	18.33
		For Installation With Adhesive, Deduct	*-29.84*	
		For Polished Finish, Add	*113.04*	
10 14 19 00-0290	EA	22" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	504.70	19.35
		For Installation With Adhesive, Deduct	*-32.98*	
		For Polished Finish, Add	*128.19*	
10 14 19 00-0291	EA	24" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	582.30	20.36
		For Installation With Adhesive, Deduct	*-37.26*	
		For Polished Finish, Add	*150.25*	
10 14 19 00-0292	EA	30" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	809.26	24.44
		For Installation With Adhesive, Deduct	*-50.24*	
		For Polished Finish, Add	*213.45*	

10 14 23 Panel Signage *(10 14)*

10 14 23 00-0001 Indoor/Outdoor Signs *(10 14 23)*

Note: Office number signs, conference room signs, restroom signs, stairway signs, fire extinguisher marker, ANSI/OSHA safety signs, entry/exit signs, etc.

10 14 23 00-0002 Surface Mount, Indoor/Outdoor Signs *(10 14 23 00-0001)*

10 14 23 00-0003 Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Signs *(10 14 23 00-0002)*

Note: Multi-color with words, symbols and graphics.

10 14 23 00-0004	EA	Up To 25 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	20.08	8.29
		For >25 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.88*	
		For >100, Deduct	*-1.05*	
		For Clear Glass Mount, Add	*2.80*	
		For Glow-In-Dark, Add	*7.00*	
		For Reflective Finish, Add	*7.88*	
10 14 23 00-0005	EA	>25 To 50 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	22.58	8.29
		For >25 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.50*	
		For >100, Deduct	*-1.80*	
		For Clear Glass Mount, Add	*4.80*	
		For Glow-In-Dark, Add	*12.00*	
		For Reflective Finish, Add	*13.50*	
10 14 23 00-0006	EA	>50 To 100 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	26.58	8.29
		For >25 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-2.50*	
		For >100, Deduct	*-3.00*	
		For Clear Glass Mount, Add	*8.00*	
		For Glow-In-Dark, Add	*20.00*	
		For Reflective Finish, Add	*22.50*	
10 14 23 00-0007	EA	>100 To 250 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	31.58	8.29
		For >25 To 50, Deduct	*-1.50*	
		For >50 To 100, Deduct	*-3.75*	
		For >100, Deduct	*-4.50*	
		For Clear Glass Mount, Add	*12.00*	
		For Glow-In-Dark, Add	*30.00*	
		For Reflective Finish, Add	*33.75*	
10 14 23 00-0008	EA	>250 To 500 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	40.58	8.29
		For >25 To 50, Deduct	*-2.40*	
		For >50 To 100, Deduct	*-6.00*	
		For >100, Deduct	*-7.20*	
		For Clear Glass Mount, Add	*19.20*	
		For Glow-In-Dark, Add	*48.00*	
		For Reflective Finish, Add	*54.00*	
10 14 23 00-0009	EA	>500 To 750 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	56.58	8.29
		For >25 To 50, Deduct	*-4.00*	
		For >50 To 100, Deduct	*-10.00*	
		For >100, Deduct	*-12.00*	
		For Clear Glass Mount, Add	*32.00*	
		For Glow-In-Dark, Add	*80.00*	
		For Reflective Finish, Add	*90.00*	
10 14 23 00-0010	EA	>750 To 1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	76.58	8.29
		For >25 To 50, Deduct	*-6.00*	
		For >50 To 100, Deduct	*-15.00*	
		For >100, Deduct	*-18.00*	
		For Clear Glass Mount, Add	*48.00*	
		For Glow-In-Dark, Add	*120.00*	
		For Reflective Finish, Add	*135.00*	
10 14 23 00-0011	SI	>1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	0.09	0.01
		For Clear Glass Mount, Add	*0.06*	
		For Glow-In-Dark, Add	*0.14*	
		For Reflective Finish, Add	*0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 00-0012		Semi-Rigid PVC, Surface Mount, Indoor/Outdoor Signs *(10 14 23 00-0002)*		
		Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.		
10 14 23 00-0013	EA	Up To 25 SI, Semi-Rigid PVC, Surface Mount, Indoor/Outdoor Sign	21.08	8.29
		For >25 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.13*	
		For >100, Deduct	*-1.35*	
		For Glow-In-Dark, Add	*9.00*	
		For Reflective Finish, Add	*9.68*	
10 14 23 00-0014	EA	>25 To 50 SI, Semi-Rigid PVC, Surface Mount, Indoor/Outdoor Sign	23.58	8.29
		For >25 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.75*	
		For >100, Deduct	*-2.10*	
		For Glow-In-Dark, Add	*14.00*	
		For Reflective Finish, Add	*15.05*	
10 14 23 00-0015	EA	>50 To 100 SI, Semi-Rigid PVC, Surface Mount, Indoor/Outdoor Sign	28.58	8.29
		For >25 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-3.00*	
		For >100, Deduct	*-3.60*	
		For Glow-In-Dark, Add	*24.00*	
		For Reflective Finish, Add	*25.80*	
10 14 23 00-0016	EA	>100 To 250 SI, Semi-Rigid PVC, Surface Mount, Indoor/Outdoor Sign	33.58	8.29
		For >25 To 50, Deduct	*-1.70*	
		For >50 To 100, Deduct	*-4.25*	
		For >100, Deduct	*-5.10*	
		For Glow-In-Dark, Add	*34.00*	
		For Reflective Finish, Add	*36.55*	
10 14 23 00-0017	EA	>250 To 500 SI, Semi-Rigid PVC, Surface Mount, Indoor/Outdoor Sign	41.08	8.29
		For >25 To 50, Deduct	*-2.45*	
		For >50 To 100, Deduct	*-6.13*	
		For >100, Deduct	*-7.35*	
		For Glow-In-Dark, Add	*49.00*	
		For Reflective Finish, Add	*52.68*	
10 14 23 00-0018	EA	>500 To 750 SI, Semi-Rigid PVC, Surface Mount, Indoor/Outdoor Sign	48.58	8.29
		For >25 To 50, Deduct	*-3.20*	
		For >50 To 100, Deduct	*-8.00*	
		For >100, Deduct	*-9.60*	
		For Glow-In-Dark, Add	*64.00*	
		For Reflective Finish, Add	*68.80*	
10 14 23 00-0019	EA	>750 To 1,000 SI, Semi-Rigid PVC, Surface Mount, Indoor/Outdoor Sign	56.58	8.29
		For >25 To 50, Deduct	*-4.00*	
		For >50 To 100, Deduct	*-10.00*	
		For >100, Deduct	*-12.00*	
		For Glow-In-Dark, Add	*80.00*	
		For Reflective Finish, Add	*86.00*	
10 14 23 00-0020	SI	>1,000 SI, Semi-Rigid PVC, Surface Mount, Indoor/Outdoor Sign	0.06	0.01
		For Glow-In-Dark, Add	*0.08*	
		For Reflective Finish, Add	*0.09*	
10 14 23 00-0021		Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille *(10 14 23 00-0002)*		
		Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.		
10 14 23 00-0022	EA	Up To 25 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	28.58	8.29
		For >25 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-3.00*	
		For >100, Deduct	*-3.60*	
		For Molded Plastic Frame, Add	*15.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*23.00*	
		For 2" Height Slider Channel For Custom Inserts, Add	*35.00*	
10 14 23 00-0023	EA	>25 To 50 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	31.58	8.29
		For >25 To 50, Deduct	*-1.50*	
		For >50 To 100, Deduct	*-3.75*	
		For >100, Deduct	*-4.50*	
		For Molded Plastic Frame, Add	*17.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*28.00*	
		For 2" Height Slider Channel For Custom Inserts, Add	*35.00*	
10 14 23 00-0024	EA	>50 To 75 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	36.58	8.29
		For >25 To 50, Deduct	*-2.00*	
		For >50 To 100, Deduct	*-5.00*	
		For >100, Deduct	*-6.00*	
		For Molded Plastic Frame, Add	*19.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*31.00*	
10 14 23 00-0025	EA	>75 To 100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	41.28	8.29
		For >25 To 50, Deduct	*-2.47*	
		For >50 To 100, Deduct	*-6.18*	
		For >100, Deduct	*-7.41*	
		For Molded Plastic Frame, Add	*21.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*35.00*	
10 14 23 00-0026	SI	>100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	0.45	0.08
		For Molded Plastic Frame, Add	*0.20*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*0.31*	
10 14 23 00-0027		Engraved Steel, Surface Mount, Indoor/Outdoor Signs *(10 14 23 00-0002)*		
		Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.		
10 14 23 00-0028	EA	Up To 25 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	35.58	8.29
		For >25 To 50, Deduct	*-1.90*	
		For >50 To 100, Deduct	*-4.75*	
		For >100, Deduct	*-5.70*	
		For Molded Plastic Frame, Add	*15.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 00-0029	EA	>25 To 50 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	41.58	8.29
		For >25 To 50, Deduct	*-2.50*	
		For >50 To 100, Deduct	*-6.25*	
		For >100, Deduct	*-7.50*	
		For Molded Plastic Frame, Add	*17.00*	
10 14 23 00-0030	EA	>50 To 75 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	49.58	8.29
		For >25 To 50, Deduct	*-3.30*	
		For >50 To 100, Deduct	*-8.25*	
		For >100, Deduct	*-9.90*	
		For Molded Plastic Frame, Add	*19.00*	
10 14 23 00-0031	EA	>75 To 100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	65.58	8.29
		For >25 To 50, Deduct	*-4.90*	
		For >50 To 100, Deduct	*-12.25*	
		For >100, Deduct	*-14.70*	
		For Molded Plastic Frame, Add	*21.00*	
10 14 23 00-0032	SI	>100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	0.66	0.08
		For Molded Plastic Frame, Add	*0.20*	

10 14 23 00-0033 Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Signs *(10 14 23 00-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.

10 14 23 00-0034	EA	Up To 25 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	20.58	8.29
		For >25 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-1.20*	
		For Glow-In-Dark, Add	*2.40*	
		For Reflective Finish, Add	*3.00*	
10 14 23 00-0035	EA	>25 To 50 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	23.58	8.29
		For >25 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.75*	
		For >100, Deduct	*-2.10*	
		For Glow-In-Dark, Add	*4.20*	
		For Reflective Finish, Add	*5.25*	
10 14 23 00-0036	EA	>50 To 100 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	29.58	8.29
		For >25 To 50, Deduct	*-1.30*	
		For >50 To 100, Deduct	*-3.25*	
		For >100, Deduct	*-3.90*	
		For Glow-In-Dark, Add	*7.80*	
		For Reflective Finish, Add	*9.75*	
10 14 23 00-0037	EA	>100 To 250 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	36.58	8.29
		For >25 To 50, Deduct	*-2.00*	
		For >50 To 100, Deduct	*-5.00*	
		For >100, Deduct	*-6.00*	
		For Glow-In-Dark, Add	*12.00*	
		For Reflective Finish, Add	*15.00*	
10 14 23 00-0038	EA	>250 To 500 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	57.58	8.29
		For >25 To 50, Deduct	*-4.10*	
		For >50 To 100, Deduct	*-10.25*	
		For >100, Deduct	*-12.30*	
		For Glow-In-Dark, Add	*24.60*	
		For Reflective Finish, Add	*30.75*	
10 14 23 00-0039	EA	>500 To 750 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	66.58	8.29
		For >25 To 50, Deduct	*-5.00*	
		For >50 To 100, Deduct	*-12.50*	
		For >100, Deduct	*-15.00*	
		For Glow-In-Dark, Add	*30.00*	
		For Reflective Finish, Add	*37.50*	
10 14 23 00-0040	EA	>750 To 1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	78.58	8.29
		For >25 To 50, Deduct	*-6.20*	
		For >50 To 100, Deduct	*-15.50*	
		For >100, Deduct	*-18.60*	
		For Glow-In-Dark, Add	*37.20*	
		For Reflective Finish, Add	*46.50*	
10 14 23 00-0041	SI	>1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	0.09	0.01
		For Glow-In-Dark, Add	*0.04*	
		For Reflective Finish, Add	*0.05*	

10 14 23 00-0042 Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 00-0001)*

10 14 23 00-0043 Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 00-0042)*

10 14 23 00-0044	EA	Up To 25 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	28.71	11.61
		For >25 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.38*	
		For >100, Deduct	*-1.65*	
		For Glow-In-Dark, Add	*3.30*	
		For Reflective Finish, Add	*4.13*	
10 14 23 00-0045	EA	>25 To 50 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	33.21	11.61
		For >25 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-2.50*	
		For >100, Deduct	*-3.00*	
		For Glow-In-Dark, Add	*6.00*	
		For Reflective Finish, Add	*7.50*	
10 14 23 00-0046	EA	>50 To 100 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	39.21	11.61
		For >25 To 50, Deduct	*-1.60*	
		For >50 To 100, Deduct	*-4.00*	
		For >100, Deduct	*-4.80*	
		For Glow-In-Dark, Add	*9.60*	
		For Reflective Finish, Add	*12.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 00-0047	EA	>100 To 150 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	48.21	11.61
		For >25 To 50, Deduct	*-2.50*	
		For >50 To 100, Deduct	*-6.25*	
		For >100, Deduct	*-7.50*	
		For Glow-In-Dark, Add	*15.00*	
		For Reflective Finish, Add	*18.75*	

10 14 23 00-0048 90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 00-0001)*

10 14 23 00-0049 Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 00-0048)*

10 14 23 00-0050	EA	Up To 25 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	29.21	11.61
		For >25 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.50*	
		For >100, Deduct	*-1.80*	
		For Glow-In-Dark, Add	*3.60*	
		For Reflective Finish, Add	*4.50*	
10 14 23 00-0051	EA	>25 To 50 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	34.21	11.61
		For >25 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-2.75*	
		For >100, Deduct	*-3.30*	
		For Glow-In-Dark, Add	*6.60*	
		For Reflective Finish, Add	*8.25*	
10 14 23 00-0052	EA	>50 To 100 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	45.21	11.61
		For >25 To 50, Deduct	*-2.20*	
		For >50 To 100, Deduct	*-5.50*	
		For >100, Deduct	*-6.60*	
		For Glow-In-Dark, Add	*13.20*	
		For Reflective Finish, Add	*16.50*	
10 14 23 00-0053	EA	>100 To 150 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	49.21	11.61
		For >25 To 50, Deduct	*-2.60*	
		For >50 To 100, Deduct	*-6.50*	
		For >100, Deduct	*-7.80*	
		For Glow-In-Dark, Add	*15.60*	
		For Reflective Finish, Add	*19.50*	

10 14 23 00-0054 Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 00-0001)*

10 14 23 00-0055 Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 00-0054)*

10 14 23 00-0056	EA	Up To 25 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	30.71	11.61
		For >25 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.88*	
		For >100, Deduct	*-2.25*	
		For Glow-In-Dark, Add	*4.50*	
		For Reflective Finish, Add	*5.63*	
10 14 23 00-0057	EA	>25 To 50 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	38.21	11.61
		For >25 To 50, Deduct	*-1.50*	
		For >50 To 100, Deduct	*-3.75*	
		For >100, Deduct	*-4.50*	
		For Glow-In-Dark, Add	*9.00*	
		For Reflective Finish, Add	*11.25*	
10 14 23 00-0058	EA	>50 To 100 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	41.21	11.61
		For >25 To 50, Deduct	*-1.80*	
		For >50 To 100, Deduct	*-4.50*	
		For >100, Deduct	*-5.40*	
		For Glow-In-Dark, Add	*10.80*	
		For Reflective Finish, Add	*13.50*	
10 14 23 00-0059	EA	>100 To 150 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	45.21	11.61
		For >25 To 50, Deduct	*-2.20*	
		For >50 To 100, Deduct	*-5.50*	
		For >100, Deduct	*-6.60*	
		For Glow-In-Dark, Add	*13.20*	
		For Reflective Finish, Add	*16.50*	

10 14 23 00-0060 Adhesive Backed Vinyl Characters *(10 14 23)*

Note: Includes capital or lower case letters in any font or color. Includes numbers, symbols, punctuation marks, etc. Includes adhesive.

10 14 23 00-0061	EA	1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	1.90	0.66
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.30*	
10 14 23 00-0062	EA	3/4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	1.95	0.76
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.32*	
10 14 23 00-0063	EA	1" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	2.00	0.86
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.33*	
10 14 23 00-0064	EA	1-1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	2.76	0.99
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.43*	
10 14 23 00-0065	EA	2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	2.83	1.16
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.45*	
10 14 23 00-0066	EA	3" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.95	1.32
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.64*	
10 14 23 00-0067	EA	4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	4.17	1.49
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.70*	
10 14 23 00-0068	EA	6" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	5.52	1.66
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.95*	
10 14 23 00-0069	EA	8" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	6.42	1.83
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.17*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	10 14 23 00-0070	EA	10" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	8.13	1.99
			For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.52*	
10 14 23 00-0071			Removal And Reinstallation Of Building Signage *(10 14 23)*		
			Note: Includes storage and cleaning.		
	10 14 23 00-0072	EA	Remove And Reinstall Building Signage, Exterior Up To 4 SF	142.62	
	10 14 23 00-0073	EA	Remove And Reinstall Building Signage, Exterior >4 To 12 SF	164.12	
	10 14 23 00-0074	EA	Remove And Reinstall Building Signage, >12 To 20 SF	184.50	
	10 14 23 00-0075	EA	Remove And Reinstall Interior Door And Office Signage, Up To 4SF	49.74	
10 14 23 00-0076			Building Sign *(10 14 23)*		
			Note: Includes 4" numbers painted on. Installed on building.		
	10 14 23 00-0077	EA	6" x 18" Metal Building Sign With Numbers	142.10	19.90
	10 14 23 00-0078	SF	Double Sided, Molding On Two Sides, For Mounting On Aluminum Posts	37.99	5.71
	10 14 23 00-0079	SF	Single Sided, Molding On One Side, For Mounting On Structure Up To 20'	28.21	5.29
	10 14 23 00-0080	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 6' High, 3' Deep	14.63	4.48
	10 14 23 00-0081	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 8' High, 3' Deep	16.60	4.89
	10 14 23 00-0082	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 10' High, 3' Deep	18.14	5.29
	10 14 23 00-0083	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 15' High, 4' Deep	20.84	5.71
10 14 23 00-0084			Custom Acrylic Signage (Takeform; Fusion) *(10 14 23)*		
	10 14 23 00-0085	EA	Type B: F04C-W1 Directional, 11" x 21.45" Acrylic, Surface Mount Signage	252.80	16.58
			Note: Accommodates inserts.		
	10 14 23 00-0086	EA	Type B: F53C-W1 Directional, 11" x 21.45" Acrylic, Surface Mount Signage	349.40	16.58
			Note: Accommodates inserts.		
	10 14 23 00-0087	EA	Inserts for Type B: Directional Signage	25.00	
	10 14 23 00-0088	EA	Type D: F04B-R1 Evacuation, 8.5" x 18.2" Acrylic, Surface Mount Signage	200.17	13.26
			Note: Accommodates inserts.		
	10 14 23 00-0089	EA	Type D: F53B-R1 Evacuation, 8.5" x 18.2" Acrylic, Surface Mount Signage	269.17	13.26
			Note: Accommodates inserts.		
	10 14 23 00-0090	EA	Inserts for Type D: Evacuation Map Signage	14.00	
	10 14 23 00-0091	EA	Type E: F04B-BB-K2 Stairs ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	164.44	8.62
	10 14 23 00-0092	EA	Type E: F53BB3-BC2 Stairs ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	154.09	8.62
	10 14 23 00-0093	EA	Type E.2: F04B-BB-K2 Restroom ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	164.44	8.62
	10 14 23 00-0094	EA	Type E.2: F53BB3-BC2 Restroom ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	154.09	8.62
	10 14 23 00-0095	EA	Type H: F04B-D1 Office ID, 8.5" x 6.4" Acrylic, Surface Mount Signage	132.73	8.29
			Note: Accommodates inserts.		
	10 14 23 00-0096	EA	Type H: F53B-D1 Office ID, 8.5" x 6.4" Acrylic, Surface Mount Signage	155.73	8.29
			Note: Accommodates inserts.		
	10 14 23 00-0097	EA	Inserts for Type H Signage	7.68	
	10 14 23 00-0098	EA	Type I: F04B-G1 Large Office ID, 8.5" x 9.68" Acrylic, Surface Mount Signage	149.98	8.29
			Note: Accommodates inserts.		
	10 14 23 00-0099	EA	Type I: F53B-G1 Large Office ID, 8.5" x 9.68" Acrylic, Surface Mount Signage	184.48	8.29
			Note: Accommodates inserts.		
	10 14 23 00-0100	EA	Inserts for Type I Signage	12.00	
	10 14 23 00-0101	EA	Type L: Workstation ID, 8.5" x 3.0" Acrylic, Surface Mount Signage	48.58	8.29
			Note: Accommodates inserts.		
	10 14 23 00-0102	EA	Inserts for Type L Signage	9.60	

10 14 53 Traffic Signage *(10 14)*

10 14 53 00-0001 Traffic Signs *(10 14 53)*

10 14 53 00-0002 Reflectorized Stop Signs And Other Traffic Signs *(10 14 53 00-0001)*

Note: Excludes posts.

10 14 53 00-0003 Aluminum Engineer Grade Stop Signs *(10 14 53 00-0002)*

	10 14 53 00-0004	EA	18" x 18" Aluminum Engineer Grade Stop Sign	51.30	14.92
			For Hi-Intensity Grade, Add	*6.44*	
			For Diamond Grade, Add	*12.23*	
	10 14 53 00-0005	EA	18" x 24" Aluminum Engineer Grade Stop Sign	59.55	15.78
			For Hi-Intensity Grade, Add	*8.42*	
			For Diamond Grade, Add	*15.99*	
	10 14 53 00-0006	EA	24" x 24" Aluminum Engineer Grade Stop Sign	64.51	16.58
			For Hi-Intensity Grade, Add	*12.85*	
			For Diamond Grade, Add	*20.38*	
	10 14 53 00-0007	EA	30" x 30" Aluminum Engineer Grade Stop Sign	74.97	17.45
			For Hi-Intensity Grade, Add	*4.82*	
			For Diamond Grade, Add	*26.10*	
	10 14 53 00-0008	EA	36" x 36" Aluminum Engineer Grade Stop Sign	100.83	18.24
			For Hi-Intensity Grade, Add	*14.16*	
			For Diamond Grade, Add	*44.40*	

10 14 53 00-0009 Other Reflectorized Traffic Signs *(10 14 53 00-0002)*

Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.

10 14 53 00-0010 Aluminum Engineer Grade Traffic Signs *(10 14 53 00-0009)*

	10 14 53 00-0011	EA	6" x 12" Aluminum Engineer Grade Traffic Sign	31.84	13.26
			For Hi-Intensity Grade, Add	*1.59*	
	10 14 53 00-0012	EA	6" x 18" Aluminum Engineer Grade Traffic Sign	34.50	13.26
			For Hi-Intensity Grade, Add	*2.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 00-0013	EA	9" x 12" Aluminum Engineer Grade Traffic Sign	34.50	13.26
		For Hi-Intensity Grade, Add	*2.39*	
10 14 53 00-0014	EA	9" x 15" Aluminum Engineer Grade Traffic Sign	36.49	13.26
		For Hi-Intensity Grade, Add	*2.99*	
10 14 53 00-0015	EA	9" x 18" Aluminum Engineer Grade Traffic Sign	38.49	13.26
		For Hi-Intensity Grade, Add	*3.59*	
10 14 53 00-0016	EA	9" x 24" Aluminum Engineer Grade Traffic Sign	44.13	14.10
		For Hi-Intensity Grade, Add	*4.78*	
10 14 53 00-0017	EA	9" x 48" Aluminum Engineer Grade Traffic Sign	60.07	14.10
		For Hi-Intensity Grade, Add	*9.56*	
10 14 53 00-0018	EA	12" x 12" Aluminum Engineer Grade Traffic Sign	37.16	13.26
		For Hi-Intensity Grade, Add	*3.19*	
10 14 53 00-0019	EA	12" x 18" Aluminum Engineer Grade Traffic Sign	44.13	14.10
		For Hi-Intensity Grade, Add	*4.78*	
10 14 53 00-0020	EA	12" x 24" Aluminum Engineer Grade Traffic Sign	49.44	14.10
		For Hi-Intensity Grade, Add	*6.38*	
10 14 53 00-0021	EA	12" x 30" Aluminum Engineer Grade Traffic Sign	54.76	14.10
		For Hi-Intensity Grade, Add	*7.97*	
10 14 53 00-0022	EA	12" x 36" Aluminum Engineer Grade Traffic Sign	60.07	14.10
		For Hi-Intensity Grade, Add	*9.56*	
10 14 53 00-0023	EA	18" x 18" Aluminum Engineer Grade Traffic Sign	52.10	14.10
		For Hi-Intensity Grade, Add	*7.17*	
10 14 53 00-0024	EA	18" x 24" Aluminum Engineer Grade Traffic Sign	60.07	14.10
		For Hi-Intensity Grade, Add	*9.56*	
10 14 53 00-0025	EA	18" x 30" Aluminum Engineer Grade Traffic Sign	69.70	14.92
		For Hi-Intensity Grade, Add	*11.96*	
10 14 53 00-0026	EA	18" x 36" Aluminum Engineer Grade Traffic Sign	77.67	14.92
		For Hi-Intensity Grade, Add	*14.35*	
10 14 53 00-0027	EA	18" x 54" Aluminum Engineer Grade Traffic Sign	108.21	18.24
		For Hi-Intensity Grade, Add	*21.52*	
10 14 53 00-0028	EA	24" x 24" Aluminum Engineer Grade Traffic Sign	72.36	14.92
		For Hi-Intensity Grade, Add	*12.75*	
10 14 53 00-0029	EA	24" x 30" Aluminum Engineer Grade Traffic Sign	82.99	14.92
		For Hi-Intensity Grade, Add	*15.94*	
10 14 53 00-0030	EA	24" x 36" Aluminum Engineer Grade Traffic Sign	93.61	14.92
		For Hi-Intensity Grade, Add	*19.13*	
10 14 53 00-0031	EA	24" x 42" Aluminum Engineer Grade Traffic Sign	110.87	18.24
		For Hi-Intensity Grade, Add	*22.32*	
10 14 53 00-0032	EA	24" x 48" Aluminum Engineer Grade Traffic Sign	121.50	18.24
		For Hi-Intensity Grade, Add	*25.51*	
10 14 53 00-0033	EA	24" x 54" Aluminum Engineer Grade Traffic Sign	132.12	18.24
		For Hi-Intensity Grade, Add	*28.69*	
10 14 53 00-0034	EA	30" x 30" Aluminum Engineer Grade Traffic Sign	96.27	14.92
		For Hi-Intensity Grade, Add	*19.93*	
10 14 53 00-0035	EA	30" x 36" Aluminum Engineer Grade Traffic Sign	116.18	18.24
		For Hi-Intensity Grade, Add	*23.91*	
10 14 53 00-0036	EA	30" x 42" Aluminum Engineer Grade Traffic Sign	129.47	18.24
		For Hi-Intensity Grade, Add	*27.90*	
10 14 53 00-0037	EA	30" x 48" Aluminum Engineer Grade Traffic Sign	149.38	21.56
		For Hi-Intensity Grade, Add	*31.88*	
10 14 53 00-0038	EA	30" x 60" Aluminum Engineer Grade Traffic Sign	182.58	24.87
		For Hi-Intensity Grade, Add	*39.85*	
10 14 53 00-0039	EA	36" x 36" Aluminum Engineer Grade Traffic Sign	132.12	18.24
		For Hi-Intensity Grade, Add	*28.69*	
10 14 53 00-0040	EA	36" x 42" Aluminum Engineer Grade Traffic Sign	154.70	21.56
		For Hi-Intensity Grade, Add	*33.48*	
10 14 53 00-0041	EA	36" x 48" Aluminum Engineer Grade Traffic Sign	177.27	24.87
		For Hi-Intensity Grade, Add	*38.26*	
10 14 53 00-0042	EA	36" x 54" Aluminum Engineer Grade Traffic Sign	193.21	24.87
		For Hi-Intensity Grade, Add	*43.04*	
10 14 53 00-0043	EA	36" x 60" Aluminum Engineer Grade Traffic Sign	215.79	28.19
		For Hi-Intensity Grade, Add	*47.82*	
10 14 53 00-0044	EA	36" x 73" Aluminum Engineer Grade Traffic Sign	256.96	31.50
		For Hi-Intensity Grade, Add	*58.19*	
10 14 53 00-0045	EA	36" x 78" Aluminum Engineer Grade Traffic Sign	270.24	31.50
		For Hi-Intensity Grade, Add	*62.17*	
10 14 53 00-0046	EA	36" x 108" Aluminum Engineer Grade Traffic Sign	359.89	36.48
		For Hi-Intensity Grade, Add	*86.08*	
10 14 53 00-0047	EA	42" x 42" Aluminum Engineer Grade Traffic Sign	179.92	24.87
		For Hi-Intensity Grade, Add	*39.05*	
10 14 53 00-0048	EA	48" x 48" Aluminum Engineer Grade Traffic Sign	226.42	28.19
		For Hi-Intensity Grade, Add	*51.01*	
10 14 53 00-0049	EA	48" x 54" Aluminum Engineer Grade Traffic Sign	254.30	31.50
		For Hi-Intensity Grade, Add	*57.39*	
10 14 53 00-0050	EA	48" x 60" Aluminum Engineer Grade Traffic Sign	275.55	31.50
		For Hi-Intensity Grade, Add	*63.76*	
10 14 53 00-0051	EA	48" x 66" Aluminum Engineer Grade Traffic Sign	306.76	36.48
		For Hi-Intensity Grade, Add	*70.14*	
10 14 53 00-0052	EA	48" x 72" Aluminum Engineer Grade Traffic Sign	328.01	36.48
		For Hi-Intensity Grade, Add	*76.52*	
10 14 53 00-0053	EA	48" x 84" Aluminum Engineer Grade Traffic Sign	377.15	39.80
		For Hi-Intensity Grade, Add	*89.27*	
10 14 53 00-0054	EA	48" x 96" Aluminum Engineer Grade Traffic Sign	419.66	39.80
		For Hi-Intensity Grade, Add	*102.02*	
10 14 53 00-0055	EA	48" x 102" Aluminum Engineer Grade Traffic Sign	440.91	39.80
		For Hi-Intensity Grade, Add	*108.40*	
10 14 53 00-0056	EA	48" x 108" Aluminum Engineer Grade Traffic Sign	465.49	41.46
		For Hi-Intensity Grade, Add	*114.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 00-0057	EA	60" x 72" Aluminum Engineer Grade Traffic Sign	398.41	39.80
		For Hi-Intensity Grade, Add	*95.65*	
10 14 53 00-0058	EA	78" x 96" Aluminum Engineer Grade Traffic Sign	635.52	41.46
		For Hi-Intensity Grade, Add	*165.78*	

10 14 53 00-0059 Non-Reflectorized Traffic Signs *(10 14 53 00-0001)*

Note: Includes reserved parking, handicap parking, visitor parking, no parking, tow away zones, etc. Excludes posts.

10 14 53 00-0060 Steel Non-Reflectorized Traffic Signs *(10 14 53 00-0059)*

10 14 53 00-0061	EA	6" x 12" Steel Non Reflectorized Traffic Sign	31.12	13.26
10 14 53 00-0062	EA	6" x 18" Steel Non Reflectorized Traffic Sign	33.42	13.26
10 14 53 00-0063	EA	9" x 12" Steel Non Reflectorized Traffic Sign	33.42	13.26
10 14 53 00-0064	EA	9" x 15" Steel Non Reflectorized Traffic Sign	35.14	13.26
10 14 53 00-0065	EA	9" x 18" Steel Non Reflectorized Traffic Sign	36.87	13.26
10 14 53 00-0066	EA	9" x 24" Steel Non Reflectorized Traffic Sign	41.97	14.10
10 14 53 00-0067	EA	9" x 48" Steel Non Reflectorized Traffic Sign	55.75	14.10
10 14 53 00-0068	EA	12" x 12" Steel Non Reflectorized Traffic Sign	35.72	13.26
10 14 53 00-0069	EA	12" x 18" Steel Non Reflectorized Traffic Sign	41.97	14.10
10 14 53 00-0070	EA	12" x 24" Steel Non Reflectorized Traffic Sign	46.56	14.10
10 14 53 00-0071	EA	12" x 30" Steel Non Reflectorized Traffic Sign	51.16	14.10
10 14 53 00-0072	EA	12" x 36" Steel Non Reflectorized Traffic Sign	55.75	14.10
10 14 53 00-0073	EA	18" x 18" Steel Non Reflectorized Traffic Sign	48.86	14.10
10 14 53 00-0074	EA	18" x 24" Steel Non Reflectorized Traffic Sign	55.75	14.10
10 14 53 00-0075	EA	18" x 30" Steel Non Reflectorized Traffic Sign	64.30	14.92
10 14 53 00-0076	EA	18" x 36" Steel Non Reflectorized Traffic Sign	71.19	14.92
10 14 53 00-0077	EA	18" x 54" Steel Non Reflectorized Traffic Sign	98.49	18.24
10 14 53 00-0078	EA	24" x 24" Steel Non Reflectorized Traffic Sign	66.60	14.92
10 14 53 00-0079	EA	24" x 30" Steel Non Reflectorized Traffic Sign	75.79	14.92
10 14 53 00-0080	EA	24" x 36" Steel Non Reflectorized Traffic Sign	84.97	14.92
10 14 53 00-0081	EA	24" x 42" Steel Non Reflectorized Traffic Sign	100.79	18.24
10 14 53 00-0082	EA	24" x 48" Steel Non Reflectorized Traffic Sign	109.98	18.24
10 14 53 00-0083	EA	24" x 54" Steel Non Reflectorized Traffic Sign	119.16	18.24
10 14 53 00-0084	EA	30" x 30" Steel Non Reflectorized Traffic Sign	87.27	14.92
10 14 53 00-0085	EA	30" x 36" Steel Non Reflectorized Traffic Sign	105.38	18.24
10 14 53 00-0086	EA	30" x 42" Steel Non Reflectorized Traffic Sign	116.87	18.24
10 14 53 00-0087	EA	30" x 48" Steel Non Reflectorized Traffic Sign	134.98	21.56
10 14 53 00-0088	EA	30" x 60" Steel Non Reflectorized Traffic Sign	164.58	24.87
10 14 53 00-0089	EA	36" x 36" Steel Non Reflectorized Traffic Sign	119.16	18.24
10 14 53 00-0090	EA	36" x 42" Steel Non Reflectorized Traffic Sign	139.58	21.56
10 14 53 00-0091	EA	36" x 48" Steel Non Reflectorized Traffic Sign	159.99	24.87
10 14 53 00-0092	EA	36" x 54" Steel Non Reflectorized Traffic Sign	173.77	24.87
10 14 53 00-0093	EA	36" x 60" Steel Non Reflectorized Traffic Sign	194.19	28.19
10 14 53 00-0094	EA	36" x 73" Steel Non Reflectorized Traffic Sign	230.68	31.50
10 14 53 00-0095	EA	36" x 78" Steel Non Reflectorized Traffic Sign	242.16	31.50
10 14 53 00-0096	EA	36" x 108" Steel Non Reflectorized Traffic Sign	321.01	36.48
10 14 53 00-0097	EA	42" x 42" Steel Non Reflectorized Traffic Sign	162.28	24.87
10 14 53 00-0098	EA	48" x 48" Steel Non Reflectorized Traffic Sign	203.38	28.19
10 14 53 00-0099	EA	48" x 54" Steel Non Reflectorized Traffic Sign	228.38	31.50
10 14 53 00-0100	EA	48" x 60" Steel Non Reflectorized Traffic Sign	246.75	31.50
10 14 53 00-0101	EA	48" x 66" Steel Non Reflectorized Traffic Sign	275.08	36.48
10 14 53 00-0102	EA	48" x 72" Steel Non Reflectorized Traffic Sign	293.45	36.48
10 14 53 00-0103	EA	48" x 84" Steel Non Reflectorized Traffic Sign	336.83	39.80
10 14 53 00-0104	EA	48" x 96" Steel Non Reflectorized Traffic Sign	373.58	39.80
10 14 53 00-0105	EA	48" x 102" Steel Non Reflectorized Traffic Sign	391.95	39.80
10 14 53 00-0106	EA	48" x 108" Steel Non Reflectorized Traffic Sign	413.65	41.46
10 14 53 00-0107	EA	60" x 72" Steel Non Reflectorized Traffic Sign	355.21	39.80
10 14 53 00-0108	EA	78" x 96" Steel Non Reflectorized Traffic Sign	560.64	41.46

10 14 53 00-0109 Aluminum Non-Reflectorized Traffic Signs *(10 14 53 00-0059)*

10 14 53 00-0110	EA	6" x 12" Aluminum Non Reflectorized Traffic Sign	31.31	13.26
10 14 53 00-0111	EA	6" x 18" Aluminum Non Reflectorized Traffic Sign	33.70	13.26
10 14 53 00-0112	EA	9" x 12" Aluminum Non Reflectorized Traffic Sign	33.70	13.26
10 14 53 00-0113	EA	9" x 15" Aluminum Non Reflectorized Traffic Sign	35.49	13.26
10 14 53 00-0114	EA	9" x 18" Aluminum Non Reflectorized Traffic Sign	37.29	13.26
10 14 53 00-0115	EA	9" x 24" Aluminum Non Reflectorized Traffic Sign	42.53	14.10
10 14 53 00-0116	EA	9" x 48" Aluminum Non Reflectorized Traffic Sign	56.87	14.10
10 14 53 00-0117	EA	12" x 12" Aluminum Non Reflectorized Traffic Sign	36.09	13.26
10 14 53 00-0118	EA	12" x 18" Aluminum Non Reflectorized Traffic Sign	42.53	14.10
10 14 53 00-0119	EA	12" x 24" Aluminum Non Reflectorized Traffic Sign	47.31	14.10
10 14 53 00-0120	EA	12" x 30" Aluminum Non Reflectorized Traffic Sign	52.09	14.10
10 14 53 00-0121	EA	12" x 36" Aluminum Non Reflectorized Traffic Sign	56.87	14.10
10 14 53 00-0122	EA	18" x 18" Aluminum Non Reflectorized Traffic Sign	49.70	14.10
10 14 53 00-0123	EA	18" x 24" Aluminum Non Reflectorized Traffic Sign	56.87	14.10
10 14 53 00-0124	EA	18" x 30" Aluminum Non Reflectorized Traffic Sign	65.71	14.92
10 14 53 00-0125	EA	18" x 36" Aluminum Non Reflectorized Traffic Sign	72.88	14.92
10 14 53 00-0126	EA	18" x 54" Aluminum Non Reflectorized Traffic Sign	101.02	18.24
10 14 53 00-0127	EA	24" x 24" Aluminum Non Reflectorized Traffic Sign	68.10	14.92
10 14 53 00-0128	EA	24" x 30" Aluminum Non Reflectorized Traffic Sign	77.66	14.92
10 14 53 00-0129	EA	24" x 36" Aluminum Non Reflectorized Traffic Sign	87.22	14.92
10 14 53 00-0130	EA	24" x 42" Aluminum Non Reflectorized Traffic Sign	103.41	18.24
10 14 53 00-0131	EA	24" x 48" Aluminum Non Reflectorized Traffic Sign	112.97	18.24
10 14 53 00-0132	EA	24" x 54" Aluminum Non Reflectorized Traffic Sign	122.53	18.24
10 14 53 00-0133	EA	30" x 30" Aluminum Non Reflectorized Traffic Sign	89.61	14.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 00-0134	EA	30" x 36" Aluminum Non Reflectorized Traffic Sign	108.19	18.24
10 14 53 00-0135	EA	30" x 42" Aluminum Non Reflectorized Traffic Sign	120.14	18.24
10 14 53 00-0136	EA	30" x 48" Aluminum Non Reflectorized Traffic Sign	138.73	21.56
10 14 53 00-0137	EA	30" x 60" Aluminum Non Reflectorized Traffic Sign	169.26	24.87
10 14 53 00-0138	EA	36" x 36" Aluminum Non Reflectorized Traffic Sign	122.53	18.24
10 14 53 00-0139	EA	36" x 42" Aluminum Non Reflectorized Traffic Sign	143.51	21.56
10 14 53 00-0140	EA	36" x 48" Aluminum Non Reflectorized Traffic Sign	164.48	24.87
10 14 53 00-0141	EA	36" x 54" Aluminum Non Reflectorized Traffic Sign	178.82	24.87
10 14 53 00-0142	EA	36" x 60" Aluminum Non Reflectorized Traffic Sign	199.80	28.19
10 14 53 00-0143	EA	36" x 73" Aluminum Non Reflectorized Traffic Sign	237.51	31.50
10 14 53 00-0144	EA	36" x 78" Aluminum Non Reflectorized Traffic Sign	249.46	31.50
10 14 53 00-0145	EA	36" x 108" Aluminum Non Reflectorized Traffic Sign	331.12	36.48
10 14 53 00-0146	EA	42" x 42" Aluminum Non Reflectorized Traffic Sign	166.87	24.87
10 14 53 00-0147	EA	48" x 48" Aluminum Non Reflectorized Traffic Sign	209.37	28.19
10 14 53 00-0148	EA	48" x 54" Aluminum Non Reflectorized Traffic Sign	235.12	31.50
10 14 53 00-0149	EA	48" x 60" Aluminum Non Reflectorized Traffic Sign	254.24	31.50
10 14 53 00-0150	EA	48" x 66" Aluminum Non Reflectorized Traffic Sign	283.32	36.48
10 14 53 00-0151	EA	48" x 72" Aluminum Non Reflectorized Traffic Sign	302.44	36.48
10 14 53 00-0152	EA	48" x 84" Aluminum Non Reflectorized Traffic Sign	347.31	39.80
10 14 53 00-0153	EA	48" x 96" Aluminum Non Reflectorized Traffic Sign	385.56	39.80
10 14 53 00-0154	EA	48" x 102" Aluminum Non Reflectorized Traffic Sign	404.68	39.80
10 14 53 00-0155	EA	48" x 108" Aluminum Non Reflectorized Traffic Sign	427.13	41.46
10 14 53 00-0156	EA	60" x 72" Aluminum Non Reflectorized Traffic Sign	366.44	39.80
10 14 53 00-0157	EA	78" x 96" Aluminum Non Reflectorized Traffic Sign	580.11	41.46
10 14 53 00-0158		Aluminum Street Signs *(10 14 53 00-0001)*		
		Note: Excludes posts.		
10 14 53 00-0159		Aluminum Engineer Grade Street Signs *(10 14 53 00-0158)*		
10 14 53 00-0160	EA	6" High, Aluminum Engineer Grade Street Sign	57.20	6.63
10 14 53 00-0161	EA	8" High, Aluminum Engineer Grade Street Sign	64.96	6.63
10 14 53 00-0162	EA	9" High, Aluminum Engineer Grade Street Sign	70.74	6.63
10 14 53 00-0163		Street Sign Accessories *(10 14 53 00-0158)*		
10 14 53 00-0164	EA	Post Cap And Single Bracket For Street Sign	17.20	3.32
10 14 53 00-0165	EA	Post Cap And Double Bracket For Street Sign	17.20	3.32
10 14 53 00-0166		Sign Posts *(10 14 53 00-0001)*		
		Note: Excludes sign. See CSI section 32 31 13 00-0001 for auguring of holes and backfill.		
10 14 53 00-0167		U-Channel Sign Posts *(10 14 53 00-0166)*		
		Note: Excludes digging and concrete.		
10 14 53 00-0168		Baked Enamel U-Channel Sign Posts *(10 14 53 00-0167)*		
10 14 53 00-0169	EA	3' To 4' Baked Enamel U-Channel Sign Post Base	45.42	13.54
10 14 53 00-0170	EA	6' Baked Enamel U-Channel Sign Post	59.64	16.93
10 14 53 00-0171	EA	7' Baked Enamel U-Channel Sign Post	71.22	20.31
10 14 53 00-0172	EA	8' Baked Enamel U-Channel Sign Post	83.39	23.70
10 14 53 00-0173	EA	10' Baked Enamel U-Channel Sign Post	100.61	28.78
10 14 53 00-0174	EA	12' Baked Enamel U-Channel Sign Post	103.55	28.78
10 14 53 00-0175		Galvanized Steel U-Channel Sign Posts *(10 14 53 00-0167)*		
10 14 53 00-0176	EA	3' To 4' Galvanized Steel U-Channel Sign Post Base	49.20	13.54
10 14 53 00-0177	EA	6' Galvanized Steel U-Channel Sign Post	65.64	16.93
10 14 53 00-0178	EA	7' Galvanized Steel U-Channel Sign Post	84.79	20.31
10 14 53 00-0179	EA	8' Galvanized Steel U-Channel Sign Post	98.39	23.70
10 14 53 00-0180	EA	10' Galvanized Steel U-Channel Sign Post	111.53	28.78
10 14 53 00-0181	EA	12' Galvanized Steel U-Channel Sign Post	113.05	28.78
10 14 53 00-0182		Fiberglass Or Composite Plastic U-Channel Sign Posts *(10 14 53 00-0167)*		
10 14 53 00-0183	EA	3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base	44.53	13.54
10 14 53 00-0184	EA	6' Fiberglass Or Composite Plastic U-Channel Sign Post	57.70	16.93
10 14 53 00-0185	EA	7' Fiberglass Or Composite Plastic U-Channel Sign Post	68.88	20.31
10 14 53 00-0186	EA	8' Fiberglass Or Composite Plastic U-Channel Sign Post	80.60	23.70
10 14 53 00-0187	EA	10' Fiberglass Or Composite Plastic U-Channel Sign Post	95.55	28.78
10 14 53 00-0188	EA	12' Fiberglass Or Composite Plastic U-Channel Sign Post	100.55	28.78
10 14 53 00-0189		Tubular Sign Posts *(10 14 53 00-0166)*		
		Note: Excludes digging and concrete.		
10 14 53 00-0190		2-3/8" Diameter, Galvanized Steel Tubular Sign Post *(10 14 53 00-0189)*		
10 14 53 00-0191	EA	6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	66.26	16.93
10 14 53 00-0192	EA	7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	78.63	20.31
10 14 53 00-0193	EA	8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	92.89	23.70
10 14 53 00-0194	EA	10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	119.74	28.78
10 14 53 00-0195	EA	12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	130.04	28.78
10 14 53 00-0196		Square Sign Posts *(10 14 53 00-0166)*		
		Note: Excludes digging and concrete.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 00-0197		Galvanized Steel Square Sign Posts *(10 14 53 00-0196)*		
10 14 53 00-0198	EA	3' To 4' Galvanized Steel Square Sign Post Base	50.04	13.54
10 14 53 00-0199	EA	6' Galvanized Steel Square Sign Post	79.85	16.93
10 14 53 00-0200	EA	7' Galvanized Steel Square Sign Post	93.63	20.31
10 14 53 00-0201	EA	8' Galvanized Steel Square Sign Post	109.21	23.70
10 14 53 00-0202	EA	10' Galvanized Steel Square Sign Post	133.36	28.78
10 14 53 00-0203	EA	12' Galvanized Steel Square Sign Post	140.55	28.78
10 14 53 00-0204		Sign Post Accessories *(10 14 53 00-0001)*		
10 14 53 00-0205		Sign Post Brackets *(10 14 53 00-0204)*		
10 14 53 00-0206	EA	2-3/8" Outside Diameter, Single Sign Bracket Set	22.64	4.98
10 14 53 00-0207	EA	2-3/8" Outside Diameter, Double Sign Bracket Set	40.87	8.29
10 14 53 00-0208	EA	10 cm - 37 cm Diameter, Buckle Bracket Set	35.25	6.63
10 14 53 00-0209		Sign Post Caps *(10 14 53 00-0204)*		
10 14 53 00-0210	EA	Traffic Sign Post Cap	12.52	3.32
10 14 53 00-0211		Sign Post Replacement Bolts *(10 14 53 00-0204)*		
10 14 53 00-0212	EA	Signage Fasteners, 2 Bolts, 2 Nuts And 4 Washers	8.62	
10 14 53 00-0213		Removal Of Signs *(10 14 53)*		
		Note: Includes structural supports.		
10 14 53 00-0214	EA	>4 To 10 SF Sign Area, Sign Removal	132.66	
10 14 53 00-0215	EA	>10 To 20 SF Sign Area, Sign Removal	318.37	
10 14 53 00-0216	EA	>20 To 40 SF Sign Area, Sign Removal	477.55	
10 14 53 00-0217	EA	>40 To 100 SF Sign Area, Sign Removal	777.40	
10 14 53 00-0218		Remove And Reinstall Signs *(10 14 53)*		
		Note: Includes structural supports.		
10 14 53 00-0219	EA	>4 To 10 SF Sign Area, Remove And Reinstall Sign	202.28	
10 14 53 00-0220	EA	>10 To 20 SF Sign Area, Remove And Reinstall Sign	479.90	
10 14 53 00-0221	EA	>20 SF To 40 SF Sign Area, Remove And Reinstall Sign	718.32	
10 14 53 00-0222	EA	>40 SF To 100 SF Sign Area, Remove And Reinstall Sign	1,167.97	
10 14 53 00-0223	EA	Remove And Reinstall Street Sign On Post	76.27	
10 14 53 00-0224	EA	Remove And Relocate Traffic Light	261.30	
		Note: Excludes electrical hookup.		
10 14 56		**Bridge Signage** *(10 14)*		
10 14 56 00-0001		Bridge And Truss Mounted Signs *(10 14 56)*		
10 14 56 00-0002		Demolition *(10 14 56 00-0001)*		
10 14 56 00-0003	CF	Removal Of Foundation, Including Excavation	12.41	
10 14 56 00-0004	LF	Removal Of Truss And Supports	169.43	
10 14 56 00-0005	SF	Removal Of Sign Face	7.75	
10 14 56 00-0006	SF	Removal Of Legend	12.90	
10 14 56 00-0007	EA	Removal Of Changeable Message Panel	148.95	
10 14 56 00-0008	EA	Removal Of Posts And Supports, Per Post	77.46	
10 14 56 00-0009		Fabricate And Install New Reflective Messages On Sign Face *(10 14 56 00-0001)*		
10 14 56 00-0010		One Color/3 Dimensional Demountable Letters *(10 14 56 00-0009)*		
10 14 56 00-0011	EA	6" Capital Height Letter	23.36	
10 14 56 00-0012	EA	8" Capital Height Letter	27.75	
10 14 56 00-0013	EA	10" Capital Height Letter	32.13	
10 14 56 00-0014	EA	12" Capital Height Letter	36.12	
10 14 56 00-0015	EA	14" Capital Height Letter	38.64	
10 14 56 00-0016		Two Color Legend Shields-Die Cut Vinyl Engineer Grade *(10 14 56 00-0009)*		
10 14 56 00-0017	EA	6" Legend/Shields	24.21	
10 14 56 00-0018	EA	8" Legend/Shields	28.88	
10 14 56 00-0019	EA	10" Legend/Shields	33.54	
10 14 56 00-0020	EA	12" Legend/Shields	37.81	
10 14 56 00-0021	EA	14" Legend/Shields	40.63	

10 20 Interior Specialties *(10)*

10 21 Compartments And Cubicles *(10 20)*

10 21 13 Toilet Compartments *(10 21)*

10 21 13 13 Metal Toilet Compartments *(10 21 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0001		Enamel Coated Steel Toilet Partitions And Urinal Screens *(10 21 13 13)* Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of galvanized sheet metal, cleaned, primed and finished with oven baked enamel or epoxy coating.		
10 21 13 13-0002		Enamel Coated Steel Toilet Partitions *(10 21 13 13-0001)* Note: All colors.		
10 21 13 13-0003		Floor Anchored, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)*		
10 21 13 13-0004	EA	36" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	604.37	91.69
		For >10, Deduct	*-42.10*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 13-0005	EA	60" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	725.67	99.83
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 13-0006	EA	60" x 78", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	773.74	103.91
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 13-0007		Overhead Braced, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)* Note: Includes headrail.		
10 21 13 13-0008	EA	36" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	637.12	112.06
		For >10, Deduct	*-41.30*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 13-0009	EA	60" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	735.42	120.21
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 13-0010	EA	60" x 78", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	776.07	124.28
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 13-0011		Floor And Ceiling Anchored, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)* Note: Excludes above ceiling steel.		
10 21 13 13-0012	EA	36" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	752.06	132.43
		For >10, Deduct	*-48.72*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 13-0013	EA	60" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	870.25	140.59
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 13-0014	EA	60" x 78", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	912.63	144.65
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 13-0015		Ceiling Hung, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)* Note: Excludes above ceiling steel.		
10 21 13 13-0016	EA	36" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	738.62	152.81
		For >10, Deduct	*-43.30*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 13-0017	EA	60" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	875.91	160.96
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 13-0018	EA	60" x 78", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	922.83	165.04
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 13-0019		Enamel Coated Steel Urinal Screens *(10 21 13 13-0001)* Note: All colors.		
10 21 13 13-0020		Floor Anchored, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*		
10 21 13 13-0021	EA	24" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	324.05	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0022	EA	36" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	358.20	61.10
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0023	EA	48" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	393.34	65.17
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0024		Wall Hung, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*		
10 21 13 13-0025	EA	18" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	191.76	48.88
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0026	EA	24" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	206.91	52.96
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0027	EA	30" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	219.05	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0028		Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*		
10 21 13 13-0029	EA	18" x 30" x 1", Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screen	242.87	52.96
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0030		**Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0031	EA	18" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	268.91	52.96
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0032	EA	24" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	287.05	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0033	EA	30" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	305.20	61.10
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0034		**Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0035	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	302.05	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0036	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	324.20	61.10
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0037	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	357.34	65.17
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0038		**Enamel Coated Steel Toilet Partition Doors, Panels And Pilasters** *(10 21 13 13-0001)*		
		Note: All colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21 13 13-0039		**Enamel Coated Steel, Toilet Partition Doors** *(10 21 13 13-0038)*		
10 21 13 13-0040	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	184.60	16.30
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 13-0041	EA	26" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	188.60	16.30
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 13-0042	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	200.05	17.52
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 13-0043	EA	34" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door	218.04	17.52
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 13-0044	EA	36" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door	222.04	17.52
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 13-0045		**Enamel Coated Steel, Toilet Partition Panels** *(10 21 13 13-0038)*		
10 21 13 13-0046	EA	6" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	138.90	24.45
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0047	EA	12" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	152.98	26.48
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0048	EA	18" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	167.05	28.53
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0049	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	181.12	30.56
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0050	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	195.20	32.60
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0051	EA	36" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	209.27	34.64
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0052	EA	42" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	222.35	36.67
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0053	EA	48" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	236.43	38.71
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0054	EA	55" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	246.50	40.75
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0055	EA	58" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	252.12	41.56
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0056	EA	60" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	259.57	42.79
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0057	EA	70" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	282.65	44.82
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0058	EA	78" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	302.72	46.87
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0059		**70" Long, Enamel Coated Steel, Toilet Partition Pilasters** *(10 21 13 13-0038)*		
10 21 13 13-0060	EA	Up To 4" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	102.45	12.22
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0061	EA	5" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	113.53	14.26
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0062	EA	6" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	125.60	16.30
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0063	EA	8" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	145.67	18.34
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0064	EA	10" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	164.75	20.37
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0065	EA	12" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	183.82	22.42
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0066	EA	18" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	234.90	24.45
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0067	EA	22" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	268.98	26.48
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0068	EA	24" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	289.05	28.53
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0069		**82" Long, Enamel Coated Steel, Toilet Partition Pilasters** *(10 21 13 13-0038)*		
10 21 13 13-0070	EA	Up To 4" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	83.45	12.22
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0071	EA	5" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	91.53	14.26
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0072	EA	6" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	100.60	16.30
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0073	EA	8" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	113.67	18.34
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0074	EA	10" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	125.75	20.37
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0075	EA	12" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	138.82	22.42
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0076	EA	18" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	169.90	24.45
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0077	EA	22" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	190.98	26.48
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0078	EA	24" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	204.05	28.53
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0079		**96" To 120" Long, Enamel Coated Steel, Partition Pilasters** *(10 21 13 13-0038)*		
10 21 13 13-0080	EA	Up To 4" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	115.60	16.30
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0081	EA	5" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	126.67	18.34
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0082	EA	6" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	138.75	20.37
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0083	EA	8" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	158.82	22.42
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0084	EA	10" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	177.90	24.45
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0085	EA	12" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	196.98	26.48
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0086	EA	18" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	248.05	28.53
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0087	EA	22" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	282.12	30.56
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0088	EA	24" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	302.20	32.60
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 13-0089		**Stainless Steel Toilet Partitions And Urinal Screens** *(10 21 13 13)*		
		Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of type 304 stainless steel. Includes satin finish.		
10 21 13 13-0090		**Stainless Steel Toilet Partitions** *(10 21 13 13-0089)*		
10 21 13 13-0091		**Floor Anchored, Stainless Steel, Complete Toilet Partitions** *(10 21 13 13-0090)*		
10 21 13 13-0092	EA	36" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	1,567.17	91.69
		For >10, Deduct	*-138.38*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For Diamond Pattern Finish, Add	*484.33*	
10 21 13 13-0093	EA	60" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,890.37	99.83
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For Diamond Pattern Finish, Add	*591.75*	
10 21 13 13-0094	EA	60" x 78", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,979.85	103.91
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For Diamond Pattern Finish, Add	*620.21*	
10 21 13 13-0095		**Overhead Braced, Stainless Steel, Complete Toilet Partitions** *(10 21 13 13-0090)*		
		Note: Includes headrail.		
10 21 13 13-0096	EA	36" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	1,332.96	112.06
		For >10, Deduct	*-110.88*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For Diamond Pattern Finish, Add	*388.09*	
10 21 13 13-0097	EA	60" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,619.68	120.21
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For Diamond Pattern Finish, Add	*482.74*	
10 21 13 13-0098	EA	60" x 78", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,763.78	124.28
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For Diamond Pattern Finish, Add	*530.33*	
10 21 13 13-0099		**Floor And Ceiling Anchored, Stainless Steel, Complete Toilet Partitions** *(10 21 13 13-0090)*		
		Note: Excludes above ceiling steel.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0100	EA	36" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	1,842.33	132.43
		For >10, Deduct	*-157.75*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For Diamond Pattern Finish, Add	*552.11*	
10 21 13 13-0101	EA	60" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,975.71	140.59
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For Diamond Pattern Finish, Add	*593.09*	
10 21 13 13-0102	EA	60" x 78", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,067.78	144.65
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For Diamond Pattern Finish, Add	*622.46*	

10 21 13 13-0103 Ceiling Hung, Stainless Steel, Complete Toilet Partitions *(10 21 13 13-0090)*

Note: Excludes above ceiling steel.

10 21 13 13-0104	EA	36" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	1,847.82	152.81
		For >10, Deduct	*-154.22*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For Diamond Pattern Finish, Add	*539.77*	
10 21 13 13-0105	EA	60" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,244.71	160.96
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For Diamond Pattern Finish, Add	*672.98*	
10 21 13 13-0106	EA	60" x 78", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,359.64	165.04
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For Diamond Pattern Finish, Add	*710.35*	

10 21 13 13-0107 Stainless Steel Urinal Screens *(10 21 13 13-0089)*

10 21 13 13-0108 Floor Anchored, Stainless Steel, Urinal Screens *(10 21 13 13-0107)*

10 21 13 13-0109	EA	24" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	522.01	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*142.79*	
10 21 13 13-0110	EA	36" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	590.27	61.10
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*163.82*	
10 21 13 13-0111	EA	48" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	603.34	65.17
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*165.55*	

10 21 13 13-0112 Wall Hung, Stainless Steel, Urinal Screens *(10 21 13 13-0107)*

10 21 13 13-0113	EA	18" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	387.18	48.88
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*101.30*	
10 21 13 13-0114	EA	24" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	418.97	52.96
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*109.57*	
10 21 13 13-0115	EA	30" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	457.25	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*120.12*	

10 21 13 13-0116 Wall Hung And Post Supported, Stainless Steel, Urinal Screens *(10 21 13 13-0107)*

10 21 13 13-0117	EA	18" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	623.87	52.96
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*181.29*	
10 21 13 13-0118	EA	24" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	654.15	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*189.04*	
10 21 13 13-0119	EA	30" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	684.30	61.10
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*196.74*	

10 21 13 13-0120 Wall Hung And Overhead Braced, Stainless Steel, Urinal Screens *(10 21 13 13-0107)*

10 21 13 13-0121	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	522.01	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*142.79*	
10 21 13 13-0122	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	590.27	61.10
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*163.82*	
10 21 13 13-0123	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	661.35	65.17
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*185.85*	

10 21 13 13-0124 Stainless Steel Toilet Partition Doors, Panels And Pilasters *(10 21 13 13-0089)*

See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.

10 21 13 13-0125 Stainless Steel, Toilet Partition Doors *(10 21 13 13-0124)*

10 21 13 13-0126	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Door	341.20	16.30
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For Diamond Pattern Finish, Add	*108.01*	
10 21 13 13-0127	EA	26" x 58" x 1", Stainless Steel, Toilet Partition Door	389.95	16.30
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For Diamond Pattern Finish, Add	*125.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0128	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Door	400.77	18.34
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For Diamond Pattern Finish, Add	*127.44*	
10 21 13 13-0129	EA	34" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door	414.84	18.34
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For Diamond Pattern Finish, Add	*132.36*	
10 21 13 13-0130	EA	36" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door	418.75	18.34
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For Diamond Pattern Finish, Add	*133.73*	
10 21 13 13-0131		**Stainless Steel, Toilet Partition Panels** *(10 21 13 13-0124)*		
10 21 13 13-0132	EA	6" x 58" x 1", Stainless Steel, Toilet Partition Panel	296.53	24.45
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*86.67*	
10 21 13 13-0133	EA	12" x 58" x 1", Stainless Steel, Toilet Partition Panel	329.21	26.48
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*96.68*	
10 21 13 13-0134	EA	18" x 58" x 1", Stainless Steel, Toilet Partition Panel	343.17	28.53
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*100.14*	
10 21 13 13-0135	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Panel	359.00	30.56
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*104.26*	
10 21 13 13-0136	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Panel	385.30	32.60
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*112.04*	
10 21 13 13-0137	EA	36" x 58" x 1", Stainless Steel, Toilet Partition Panel	415.81	34.64
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*121.29*	
10 21 13 13-0138	EA	42" x 58" x 1", Stainless Steel, Toilet Partition Panel	485.85	36.67
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*144.38*	
10 21 13 13-0139	EA	48" x 58" x 1", Stainless Steel, Toilet Partition Panel	531.73	38.71
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*159.01*	
10 21 13 13-0140	EA	55" x 58" x 1", Stainless Steel, Toilet Partition Panel	545.70	40.75
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*162.47*	
10 21 13 13-0141	EA	58" x 58" x 1", Stainless Steel, Toilet Partition Panel	572.62	41.56
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*171.33*	
10 21 13 13-0142	EA	60" x 58" x 1", Stainless Steel, Toilet Partition Panel	608.07	42.79
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*182.88*	
10 21 13 13-0143	EA	70" x 58" x 1", Stainless Steel, Toilet Partition Panel	637.13	44.82
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*191.62*	
10 21 13 13-0144	EA	78" x 58" x 1", Stainless Steel, Toilet Partition Panel	698.72	46.87
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*211.75*	
10 21 13 13-0145		**70" Long, Stainless Steel, Toilet Partition Pilasters** *(10 21 13 13-0124)*		
10 21 13 13-0146	EA	Up To 4" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	204.85	12.22
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*63.14*	
10 21 13 13-0147	EA	5" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	223.23	14.26
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*68.15*	
10 21 13 13-0148	EA	6" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	242.70	16.30
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*73.54*	
10 21 13 13-0149	EA	8" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	276.47	18.34
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*83.93*	
10 21 13 13-0150	EA	10" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	310.25	20.37
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*94.33*	
10 21 13 13-0151	EA	12" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	344.02	22.42
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*104.72*	
10 21 13 13-0152	EA	18" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	436.10	24.45
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*135.52*	
10 21 13 13-0153	EA	22" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	499.58	26.48
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*156.31*	
10 21 13 13-0154	EA	24" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	533.35	28.53
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*166.71*	
10 21 13 13-0155		**82" Long, Stainless Steel, Toilet Partition Pilasters** *(10 21 13 13-0124)*		
10 21 13 13-0156	EA	Up To 4" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	157.04	12.22
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Diamond Pattern Finish, Add	*46.41*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0157		EA	5" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	170.20	14.26
			For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
			For Diamond Pattern Finish, Add	*49.58*	
10 21 13 13-0158		EA	6" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	183.81	16.30
			For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
			For Diamond Pattern Finish, Add	*52.92*	
10 21 13 13-0159		EA	8" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	238.20	18.34
			For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
			For Diamond Pattern Finish, Add	*70.54*	
10 21 13 13-0160		EA	10" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	268.80	20.37
			For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
			For Diamond Pattern Finish, Add	*79.82*	
10 21 13 13-0161		EA	12" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	278.37	22.42
			For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
			For Diamond Pattern Finish, Add	*81.74*	
10 21 13 13-0162		EA	18" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	315.29	24.45
			For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
			For Diamond Pattern Finish, Add	*93.24*	
10 21 13 13-0163		EA	22" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	355.48	26.48
			For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
			For Diamond Pattern Finish, Add	*105.88*	
10 21 13 13-0164		EA	24" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	377.46	28.53
			For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
			For Diamond Pattern Finish, Add	*112.14*	

10 21 13 13-0165 96" To 120" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 13-0124)*

10 21 13 13-0166		EA	Up To 4" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	225.10	16.30
			For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
			For Diamond Pattern Finish, Add	*67.38*	
10 21 13 13-0167		EA	5" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	246.77	18.34
			For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
			For Diamond Pattern Finish, Add	*73.54*	
10 21 13 13-0168		EA	6" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	267.35	20.37
			For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
			For Diamond Pattern Finish, Add	*79.31*	
10 21 13 13-0169		EA	8" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	306.62	22.42
			For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
			For Diamond Pattern Finish, Add	*91.63*	
10 21 13 13-0170		EA	10" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	344.80	24.45
			For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
			For Diamond Pattern Finish, Add	*103.57*	
10 21 13 13-0171		EA	12" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	382.98	26.48
			For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
			For Diamond Pattern Finish, Add	*115.50*	
10 21 13 13-0172		EA	18" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	491.55	28.53
			For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
			For Diamond Pattern Finish, Add	*152.08*	
10 21 13 13-0173		EA	22" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	563.82	30.56
			For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
			For Diamond Pattern Finish, Add	*175.95*	
10 21 13 13-0174		EA	24" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	603.10	32.60
			For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
			For Diamond Pattern Finish, Add	*188.27*	

10 21 13 16 Plastic-Laminate-Clad Toilet Compartments *(10 21 13)*

10 21 13 16-0001 Laminated Plastic Toilet Partitions And Urinal Screens *(10 21 13 16)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of a sandwich of high pressure decorative plastic laminate bonded to a solid industrial-grade particle board.

10 21 13 16-0002 Laminated Plastic Toilet Partitions *(10 21 13 16-0001)*

Note: Includes all standard Bobrick colors.

10 21 13 16-0003 Floor Anchored, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

10 21 13 16-0004		EA	36" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	585.22	91.69
			For >10, Deduct	*-40.19*	
			For Cast Stainless Steel Hardware, Add	*66.26*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 16-0005		EA	60" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	704.41	99.83
			For Cast Stainless Steel Hardware, Add	*66.27*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 16-0006		EA	60" x 78", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	754.82	103.91
			For Cast Stainless Steel Hardware, Add	*66.28*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	

10 21 13 16-0007 Overhead Braced, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

Note: Includes headrail.

10 21 13 16-0008		EA	36" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	645.58	112.06
			For >10, Deduct	*-42.15*	
			For Cast Stainless Steel Hardware, Add	*66.29*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0009	EA	60" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	769.68	120.21
		For Cast Stainless Steel Hardware, Add	*66.30*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 16-0010	EA	60" x 78", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	823.76	124.28
		For Cast Stainless Steel Hardware, Add	*66.30*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 16-0011		**Ceiling Hung, Laminated Plastic, Complete Toilet Partitions** *(10 21 13 16-0002)*		
		Note: Excludes above ceiling steel.		
10 21 13 16-0012	EA	36" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	865.99	152.81
		For >10, Deduct	*-56.04*	
		For Cast Stainless Steel Hardware, Add	*66.34*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 16-0013	EA	60" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	993.86	160.96
		For Cast Stainless Steel Hardware, Add	*66.35*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 16-0014	EA	60" x 78", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,044.26	165.04
		For Cast Stainless Steel Hardware, Add	*66.36*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 16-0015		**Laminated Plastic Urinal Screens** *(10 21 13 16-0001)*		
		Note: Includes all standard Bobrick colors.		
10 21 13 16-0016		**Floor Anchored, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0017	EA	24" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	263.92	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0018	EA	36" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	286.77	61.10
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0019	EA	48" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	297.80	65.17
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0020		**Wall Hung, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0021	EA	18" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	209.31	48.88
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0022	EA	24" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	221.66	52.96
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0023	EA	30" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	233.62	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0024		**Wall Hung And Post Supported, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0025	EA	18" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	266.60	52.96
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0026	EA	24" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	291.50	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0027	EA	30" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	318.17	61.10
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0028		**Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0029	EA	24" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	249.91	52.96
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0030	EA	36" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	273.17	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0031	EA	48" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	283.97	61.10
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0032		**Laminated Plastic Toilet Partition Doors, Panels And Pilasters** *(10 21 13 16-0001)*		
		Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0000 for accessories.		
10 21 13 16-0033		**Laminated Plastic, Toilet Partition Doors** *(10 21 13 16-0032)*		
10 21 13 16-0034	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Door	181.16	16.30
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 16-0035	EA	26" x 58" x 1", Laminated Plastic, Toilet Partition Door	195.60	16.30
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 16-0036	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Door	203.60	18.34
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 16-0037	EA	34" x 58" x 1", Laminated Plastic, ADA Compliant Toilet Partition Door	208.07	18.34
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 16-0038	EA	36" x 58" x 1", Laminated Plastic, ADA Compliant Toilet Partition Door	212.27	18.34
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 16-0039		**Laminated Plastic, Toilet Partition Panels** *(10 21 13 16-0032)*		
10 21 13 16-0040	EA	6" x 58" x 1", Laminated Plastic, Toilet Partition Panel	107.41	24.45
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0041	EA	12" x 58" x 1", Laminated Plastic, Toilet Partition Panel	118.29	26.48
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0042	EA	18" x 58" x 1", Laminated Plastic, Toilet Partition Panel	129.17	28.53
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0043	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Panel	140.39	30.56
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0044	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Panel	150.92	32.60
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0045	EA	36" x 58" x 1", Laminated Plastic, Toilet Partition Panel	162.19	34.64
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0046	EA	42" x 58" x 1", Laminated Plastic, Toilet Partition Panel	167.06	36.67
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0047	EA	48" x 58" x 1", Laminated Plastic, Toilet Partition Panel	172.45	38.71
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0048	EA	55" x 58" x 1", Laminated Plastic, Toilet Partition Panel	181.51	40.75
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0049	EA	58" x 58" x 1", Laminated Plastic, Toilet Partition Panel	188.24	41.56
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0050	EA	60" x 58" x 1", Laminated Plastic, Toilet Partition Panel	196.07	42.79
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0051	EA	70" x 58" x 1", Laminated Plastic, Toilet Partition Panel	219.84	44.82
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 16-0052	EA	78" x 58" x 1", Laminated Plastic, Toilet Partition Panel	246.48	46.87
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	

10 21 13 16-0053 69" Long, Laminated Plastic, Toilet Partition Pilasters *(10 21 13 16-0032)*

10 21 13 16-0054	EA	Up To 4" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	80.36	12.22
		For 1-1/4" Pilaster, Add	*4.61*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Steel Core Pilaster, Add	*55.91*	
10 21 13 16-0055	EA	5" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	92.84	14.26
		For 1-1/4" Pilaster, Add	*5.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Steel Core Pilaster, Add	*64.31*	
10 21 13 16-0056	EA	6" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	96.91	16.30
		For 1-1/4" Pilaster, Add	*5.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Steel Core Pilaster, Add	*64.31*	
10 21 13 16-0057	EA	8" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	107.28	18.34
		For 1-1/4" Pilaster, Add	*5.83*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Steel Core Pilaster, Add	*70.61*	
10 21 13 16-0058	EA	10" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	113.19	20.37
		For 1-1/4" Pilaster, Add	*5.98*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Steel Core Pilaster, Add	*72.44*	
10 21 13 16-0059	EA	12" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	123.30	22.42
		For 1-1/4" Pilaster, Add	*6.47*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Steel Core Pilaster, Add	*78.48*	
10 21 13 16-0060	EA	18" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	153.10	24.45
		For 1-1/4" Pilaster, Add	*8.60*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Steel Core Pilaster, Add	*104.20*	
10 21 13 16-0061	EA	22" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	182.38	26.48
		For 1-1/4" Pilaster, Add	*10.68*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Steel Core Pilaster, Add	*129.40*	
10 21 13 16-0062	EA	24" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	203.51	28.53
		For 1-1/4" Pilaster, Add	*12.08*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Steel Core Pilaster, Add	*146.46*	

10 21 13 16-0063 83" Long, Laminated Plastic, Toilet Partition Pilasters *(10 21 13 16-0032)*

10 21 13 16-0064	EA	Up To 4" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	146.50	12.22
		For 1-1/4" Pilaster, Add	*10.07*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Steel Core Pilaster, Add	*122.05*	
10 21 13 16-0065	EA	5" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	162.65	14.26
		For 1-1/4" Pilaster, Add	*11.06*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Steel Core Pilaster, Add	*134.12*	
10 21 13 16-0066	EA	6" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	166.72	16.30
		For 1-1/4" Pilaster, Add	*11.06*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Steel Core Pilaster, Add	*134.12*	
10 21 13 16-0067	EA	8" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	181.03	18.34
		For 1-1/4" Pilaster, Add	*11.91*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Steel Core Pilaster, Add	*144.36*	
10 21 13 16-0068	EA	10" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	197.97	20.37
		For 1-1/4" Pilaster, Add	*12.97*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Steel Core Pilaster, Add	*157.22*	
10 21 13 16-0069	EA	12" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	212.02	22.42
		For 1-1/4" Pilaster, Add	*13.79*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Steel Core Pilaster, Add	*167.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0070	EA	18" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	260.59	24.45
		For 1-1/4" Pilaster, Add	*17.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Steel Core Pilaster, Add	*211.69*	
10 21 13 16-0071	EA	22" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	295.51	26.48
		For 1-1/4" Pilaster, Add	*20.01*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Steel Core Pilaster, Add	*242.53*	
10 21 13 16-0072	EA	24" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	304.56	28.53
		For 1-1/4" Pilaster, Add	*20.42*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For Steel Core Pilaster, Add	*247.51*	

10 21 13 19 Plastic Toilet Compartments *(10 21 13)*

10 21 13 19-0001 Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.

10 21 13 19-0002 Recycled Solid Plastic (HDPE) Toilet Partitions *(10 21 13 19-0001)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0003 Overhead Braced, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Includes headrail.

10 21 13 19-0004	EA	36" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,113.54	112.06
		For >10, Deduct	*-88.94*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*551.45*	
10 21 13 19-0005	EA	60" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,364.09	120.21
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*696.68*	
10 21 13 19-0006	EA	60" x 78", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,508.19	124.28
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*780.97*	

10 21 13 19-0007 Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Excludes above ceiling steel.

10 21 13 19-0008	EA	36" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,120.60	132.43
		For >10, Deduct	*-85.57*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*530.55*	
10 21 13 19-0009	EA	60" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,392.91	140.59
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*689.28*	
10 21 13 19-0010	EA	60" x 78", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,537.02	144.65
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*773.57*	

10 21 13 19-0011 Ceiling Hung, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Excludes above ceiling steel.

10 21 13 19-0012	EA	36" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,180.76	152.81
		For >10, Deduct	*-87.51*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*542.59*	
10 21 13 19-0013	EA	60" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,393.17	160.96
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*664.18*	
10 21 13 19-0014	EA	60" x 78", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,537.29	165.04
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*748.48*	

10 21 13 19-0015 Recycled Solid Plastic (HDPE) Urinal Screens *(10 21 13 19-0001)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0016 Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*

10 21 13 19-0017	EA	18" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	268.15	48.88
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*105.64*	
10 21 13 19-0018	EA	24" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	283.01	52.96
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*109.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 21 13 19-0019 Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*

10 21 13 19-0020	EA	18" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	337.51	52.96
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*143.59*	
10 21 13 19-0021	EA	24" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	422.84	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*191.45*	
10 21 13 19-0022	EA	30" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	469.01	61.10
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*215.02*	

10 21 13 19-0023 Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*

10 21 13 19-0024	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	345.65	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*143.59*	
10 21 13 19-0025	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	430.99	61.10
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*191.45*	
10 21 13 19-0026	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	508.67	65.17
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*234.56*	

10 21 13 19-0027 Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters

(10 21 13 19-0001)

Note: Includes all standard Columbia Partitions colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.

10 21 13 19-0028 Recycled Solid Plastic (HDPE), Toilet Partition Doors *(10 21 13 19-0027)*

10 21 13 19-0029	EA	24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	261.53	16.30
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For NFPA Class A, Add	*141.94*	
10 21 13 19-0030	EA	26" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	282.37	16.30
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For NFPA Class A, Add	*154.86*	
10 21 13 19-0031	EA	30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	307.12	18.34
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For NFPA Class A, Add	*167.68*	
10 21 13 19-0032	EA	34" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	349.28	18.34
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For NFPA Class A, Add	*193.82*	
10 21 13 19-0033	EA	36" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	359.26	18.34
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For NFPA Class A, Add	*200.01*	

10 21 13 19-0034 Recycled Solid Plastic (HDPE), Toilet Partition Panels *(10 21 13 19-0027)*

10 21 13 19-0035	EA	6" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	99.64	24.45
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*31.46*	
10 21 13 19-0036	EA	12" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	154.47	26.48
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*62.92*	
10 21 13 19-0037	EA	18" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	209.27	28.53
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*94.38*	
10 21 13 19-0038	EA	24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	243.27	30.56
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*112.93*	
10 21 13 19-0039	EA	30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	292.89	32.60
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*141.17*	
10 21 13 19-0040	EA	36" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	312.89	34.64
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*151.04*	
10 21 13 19-0041	EA	42" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	350.43	36.67
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*171.79*	
10 21 13 19-0042	EA	48" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	394.09	38.71
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*196.33*	
10 21 13 19-0043	EA	55" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	429.85	40.75
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*215.98*	
10 21 13 19-0044	EA	58" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	439.15	41.56
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*220.74*	
10 21 13 19-0045	EA	60" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	453.87	42.79
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*228.35*	
10 21 13 19-0046	EA	70" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	511.68	44.82
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*261.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0047	EA	78" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	550.92	46.87
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*283.46*	
10 21 13 19-0048		82" Long, Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0027)*		
10 21 13 19-0049	EA	Up To 4" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	122.20	12.22
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*60.61*	
10 21 13 19-0050	EA	5" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	136.08	14.26
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*66.68*	
10 21 13 19-0051	EA	6" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	148.23	16.30
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*71.69*	
10 21 13 19-0052	EA	8" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	159.53	18.34
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*76.17*	
10 21 13 19-0053	EA	10" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	179.04	20.37
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*85.74*	
10 21 13 19-0054	EA	12" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	198.53	22.42
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*95.30*	
10 21 13 19-0055	EA	18" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	270.32	24.45
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*137.28*	
10 21 13 19-0056	EA	22" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	305.19	26.48
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*156.37*	
10 21 13 19-0057	EA	24" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	332.18	28.53
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*170.58*	
10 21 13 19-0058		96" To 120", Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0027)*		
10 21 13 19-0059	EA	Up To 4" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	149.67	16.30
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*72.58*	
10 21 13 19-0060	EA	5" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	164.89	18.34
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*79.50*	
10 21 13 19-0061	EA	6" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	181.68	20.37
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*87.38*	
10 21 13 19-0062	EA	8" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	205.62	22.42
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*99.70*	
10 21 13 19-0063	EA	10" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	229.78	24.45
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*112.15*	
10 21 13 19-0064	EA	12" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	253.73	26.48
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*124.47*	
10 21 13 19-0065	EA	18" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	323.28	28.53
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*165.06*	
10 21 13 19-0066	EA	22" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	361.24	30.56
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*186.07*	
10 21 13 19-0067	EA	24 x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	392.60	32.60
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*202.99*	
10 21 13 19-0068		Antimicrobial Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens *(10 21 13 19)*		
		Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.		
10 21 13 19-0069		Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partitions *(10 21 13 19-0068)*		
		Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0070		Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*		
		Note: Includes headrail.		
10 21 13 19-0071	EA	36" x 60", Overhead Braced, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,424.84	112.06
		For >10, Deduct	*-120.07*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*744.45*	
10 21 13 19-0072	EA	60" x 60", Overhead Braced, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,757.39	120.21
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*940.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0073	EA	60" x 78", Overhead Braced, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,949.07	124.28
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*1,054.32*	
10 21 13 19-0074		Floor And Ceiling Anchored, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0075	EA	36" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,420.11	132.43
		For >10, Deduct	*-115.52*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*716.25*	
10 21 13 19-0076	EA	60" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,782.01	140.59
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*930.52*	
10 21 13 19-0077	EA	60" x 78", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,973.71	144.65
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*1,044.32*	
10 21 13 19-0078		Ceiling Hung, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0079	EA	36" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,487.06	152.81
		For >10, Deduct	*-118.14*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*732.49*	
10 21 13 19-0080	EA	60" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,768.10	160.96
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*896.64*	
10 21 13 19-0081	EA	60" x 78", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,959.81	165.04
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*1,010.44*	
10 21 13 19-0082		Antimicrobial Recycled Solid Plastic (HDPE) Urinal Screens *(10 21 13 19-0068)*		
		Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0083		Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*		
10 21 13 19-0084	EA	18" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	327.78	48.88
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*142.61*	
10 21 13 19-0085	EA	24" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	342.81	52.96
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*146.88*	
10 21 13 19-0086		Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*		
10 21 13 19-0087	EA	18" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	522.78	52.96
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*258.46*	
10 21 13 19-0088	EA	24" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	593.62	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*297.33*	
10 21 13 19-0089	EA	30" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	632.95	61.10
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*316.67*	
10 21 13 19-0090		Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*		
10 21 13 19-0091	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	426.70	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*193.84*	
10 21 13 19-0092	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	539.07	61.10
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*258.46*	
10 21 13 19-0093	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	641.09	65.17
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*316.67*	
10 21 13 19-0094		Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0068)*		
		Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0095		Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Doors *(10 21 13 19-0094)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0096	EA	24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door	341.66	16.30
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For NFPA Class A, Add	*191.62*	
10 21 13 19-0097	EA	26" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door	369.79	16.30
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For NFPA Class A, Add	*209.06*	
10 21 13 19-0098	EA	30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door	401.77	18.34
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For NFPA Class A, Add	*226.36*	
10 21 13 19-0099	EA	34" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	458.70	18.34
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For NFPA Class A, Add	*261.66*	
10 21 13 19-0100	EA	36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	472.16	18.34
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For NFPA Class A, Add	*270.00*	

10 21 13 19-0101 Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panels *(10 21 13 19-0094)*

10 21 13 19-0102	EA	6" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	117.40	24.45
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*42.47*	
10 21 13 19-0103	EA	12" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	189.98	26.48
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*84.94*	
10 21 13 19-0104	EA	18" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	262.55	28.53
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*127.41*	
10 21 13 19-0105	EA	24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	307.01	30.56
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*152.45*	
10 21 13 19-0106	EA	30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	372.57	32.60
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*190.57*	
10 21 13 19-0107	EA	36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	398.15	34.64
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*203.91*	
10 21 13 19-0108	EA	42" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	447.41	36.67
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*231.92*	
10 21 13 19-0109	EA	48" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	504.92	38.71
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*265.04*	
10 21 13 19-0110	EA	55" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	551.77	40.75
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*291.57*	
10 21 13 19-0111	EA	58" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	563.75	41.56
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*297.99*	
10 21 13 19-0112	EA	60" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	582.77	42.79
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*308.26*	
10 21 13 19-0113	EA	70" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	659.39	44.82
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*353.24*	
10 21 13 19-0114	EA	78" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	710.94	46.87
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*382.68*	

10 21 13 19-0115 82" Long, Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0094)*

10 21 13 19-0116	EA	Up To 4" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	156.41	12.22
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*81.82*	
10 21 13 19-0117	EA	5" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	173.72	14.26
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*90.02*	
10 21 13 19-0118	EA	6" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	188.70	16.30
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*96.78*	
10 21 13 19-0119	EA	8" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	217.61	18.34
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*112.18*	
10 21 13 19-0120	EA	10" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	244.43	20.37
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*126.28*	
10 21 13 19-0121	EA	12" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	271.20	22.42
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*140.36*	
10 21 13 19-0122	EA	18" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	347.81	24.45
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*185.32*	
10 21 13 19-0123	EA	22" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	393.46	26.48
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*211.10*	
10 21 13 19-0124	EA	24" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	428.48	28.53
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*230.29*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 21 13 19-0125 96" To 120", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0094)*

10 21 13 19-0126	EA	Up To 4" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	190.65	16.30
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*97.99*	
10 21 13 19-0127	EA	5" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	209.77	18.34
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*107.32*	
10 21 13 19-0128	EA	6" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	231.02	20.37
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*117.97*	
10 21 13 19-0129	EA	8" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	261.90	22.42
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*134.59*	
10 21 13 19-0130	EA	10" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	293.10	24.45
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*151.40*	
10 21 13 19-0131	EA	12" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	323.99	26.48
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*168.03*	
10 21 13 19-0132	EA	18" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	416.47	28.53
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*222.84*	
10 21 13 19-0133	EA	22" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	466.28	30.56
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*251.20*	
10 21 13 19-0134	EA	24 x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	507.19	32.60
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*274.03*	

10 21 13 19-0135 Solid Phenolic Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid phenolic (resin impregnated kraft paper) core with a high pressure decorative matte surface finish as an integral part of the core material. Includes Class B fire rating.

10 21 13 19-0136 Solid Phenolic Toilet Partitions *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0137 Floor Anchored, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

10 21 13 19-0138	EA	36" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	844.54	91.69
		For >10, Deduct	*-66.12*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*148.01*	
10 21 13 19-0139	EA	60" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,025.68	99.83
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*183.45*	
10 21 13 19-0140	EA	60" x 78", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,138.29	103.91
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*205.79*	

10 21 13 19-0141 Overhead Braced, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Includes headrail.

10 21 13 19-0142	EA	36" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	947.10	112.06
		For >10, Deduct	*-72.30*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*163.03*	
10 21 13 19-0143	EA	60" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,135.13	120.21
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*199.91*	
10 21 13 19-0144	EA	60" x 78", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,253.00	124.28
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*223.36*	

10 21 13 19-0145 Floor And Ceiling Anchored, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Excludes above ceiling steel.

10 21 13 19-0146	EA	36" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	993.50	132.43
		For >10, Deduct	*-72.86*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*166.26*	
10 21 13 19-0147	EA	60" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,180.25	140.59
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*202.87*	
10 21 13 19-0148	EA	60" x 78", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,292.87	144.65
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*225.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0149		Ceiling Hung, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)* Note: Excludes above ceiling steel.		
10 21 13 19-0150	EA	36" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	1,000.53	152.81
		For >10, Deduct	*-69.49*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*161.21*	
10 21 13 19-0151	EA	60" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,181.53	160.96
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*196.62*	
10 21 13 19-0152	EA	60" x 78", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,294.15	165.04
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
		For NFPA Class A, Add	*218.96*	
10 21 13 19-0153		Solid Phenolic Urinal Screens *(10 21 13 19-0135)* Note: Includes all standard Bobrick colors.		
10 21 13 19-0154		Floor Anchored, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*		
10 21 13 19-0155	EA	24" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	329.54	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*50.96*	
10 21 13 19-0156	EA	36" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	369.45	61.10
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*58.03*	
10 21 13 19-0157	EA	48" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	435.60	65.17
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*70.62*	
10 21 13 19-0158		Wall Hung, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*		
10 21 13 19-0159	EA	18" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	222.17	48.88
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*31.01*	
10 21 13 19-0160	EA	24" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	253.95	52.96
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*36.38*	
10 21 13 19-0161	EA	30" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	299.13	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*44.57*	
10 21 13 19-0162		Wall Hung And Post Supported, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*		
10 21 13 19-0163	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	228.71	52.96
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*31.08*	
10 21 13 19-0164	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	277.77	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*40.08*	
10 21 13 19-0165	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	319.58	61.10
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*47.56*	
10 21 13 19-0166		Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*		
10 21 13 19-0167	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	333.82	52.96
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*53.16*	
10 21 13 19-0168	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	373.94	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*60.28*	
10 21 13 19-0169	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	441.29	61.10
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*73.12*	
10 21 13 19-0170		Solid Phenolic Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0135)* Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21 13 19-0171		Solid Phenolic, Toilet Partition Doors *(10 21 13 19-0170)*		
10 21 13 19-0172	EA	24" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	221.06	16.30
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For NFPA Class A, Add	*41.21*	
10 21 13 19-0173	EA	26" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	228.14	16.30
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For NFPA Class A, Add	*42.69*	
10 21 13 19-0174	EA	30" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	250.40	18.34
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For NFPA Class A, Add	*46.72*	
10 21 13 19-0175	EA	34" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door	268.88	18.34
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For NFPA Class A, Add	*50.60*	
10 21 13 19-0176	EA	36" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door	287.86	18.34
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
		For NFPA Class A, Add	*54.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 21 13 19-0177 Solid Phenolic, Toilet Partition Panels *(10 21 13 19-0170)*

10 21 13 19-0178	EA	6" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	88.18	24.45
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*10.69*	
10 21 13 19-0179	EA	12" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	111.88	26.48
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*15.02*	
10 21 13 19-0180	EA	18" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	145.39	28.53
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*21.40*	
10 21 13 19-0181	EA	24" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	179.23	30.56
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*27.86*	
10 21 13 19-0182	EA	30" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	198.50	32.60
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*31.25*	
10 21 13 19-0183	EA	36" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	218.62	34.64
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*34.83*	
10 21 13 19-0184	EA	42" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	251.63	36.67
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*41.11*	
10 21 13 19-0185	EA	48" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	285.57	38.71
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*47.58*	
10 21 13 19-0186	EA	55" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	304.08	40.75
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*50.82*	
10 21 13 19-0187	EA	58" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	312.26	41.56
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*52.28*	
10 21 13 19-0188	EA	60" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	318.65	42.79
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*53.23*	
10 21 13 19-0189	EA	70" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	362.62	44.82
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*61.81*	
10 21 13 19-0190	EA	78" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	431.26	46.87
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*75.57*	

10 21 13 19-0191 69" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)*

10 21 13 19-0192	EA	Up To 4" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	109.23	12.22
		For 1" Pilaster, Add	*10.60*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*19.03*	
10 21 13 19-0193	EA	5" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	125.91	14.26
		For 1" Pilaster, Add	*12.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*21.88*	
10 21 13 19-0194	EA	6" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	129.98	16.30
		For 1" Pilaster, Add	*12.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*22.08*	
10 21 13 19-0195	EA	8" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	150.06	18.34
		For 1" Pilaster, Add	*14.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*25.65*	
10 21 13 19-0196	EA	10" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	168.58	20.37
		For 1" Pilaster, Add	*15.98*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*28.88*	
10 21 13 19-0197	EA	12" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	187.08	22.42
		For 1" Pilaster, Add	*17.78*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*32.12*	
10 21 13 19-0198	EA	16" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	235.52	24.45
		For 1" Pilaster, Add	*23.33*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*41.64*	
10 21 13 19-0199	EA	20" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	286.06	26.48
		For 1" Pilaster, Add	*29.14*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*51.60*	
10 21 13 19-0200	EA	24" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	301.15	28.53
		For 1" Pilaster, Add	*30.51*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*54.11*	

10 21 13 19-0201 83" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)*

10 21 13 19-0202	EA	Up To 4" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	118.68	12.22
		For 1" Pilaster, Add	*11.78*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*21.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0203	EA	5" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	139.03	14.26
		For 1" Pilaster, Add	*13.81*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*24.63*	
10 21 13 19-0204	EA	6" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	143.10	16.30
		For 1" Pilaster, Add	*13.81*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*24.84*	
10 21 13 19-0205	EA	8" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	165.28	18.34
		For 1" Pilaster, Add	*16.08*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*28.84*	
10 21 13 19-0206	EA	10" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	186.42	20.37
		For 1" Pilaster, Add	*18.21*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*32.63*	
10 21 13 19-0207	EA	12" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	207.69	22.42
		For 1" Pilaster, Add	*20.36*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*36.44*	
10 21 13 19-0208	EA	16" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	266.23	24.45
		For 1" Pilaster, Add	*27.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*48.08*	
10 21 13 19-0209	EA	20" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	314.80	26.48
		For 1" Pilaster, Add	*32.73*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*57.63*	
10 21 13 19-0210	EA	24" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	331.74	28.53
		For 1" Pilaster, Add	*34.34*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*60.54*	

10 21 13 19-0211 96" To 120" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)*

10 21 13 19-0212	EA	Up To 4" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	136.28	16.30
		For 1" Pilaster, Add	*12.96*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*23.40*	
10 21 13 19-0213	EA	5" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	160.30	18.34
		For 1" Pilaster, Add	*15.45*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*27.80*	
10 21 13 19-0214	EA	6" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	164.38	20.37
		For 1" Pilaster, Add	*15.45*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*28.00*	
10 21 13 19-0215	EA	8" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	188.66	22.42
		For 1" Pilaster, Add	*17.98*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*32.45*	
10 21 13 19-0216	EA	10" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	212.42	24.45
		For 1" Pilaster, Add	*20.44*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*36.78*	
10 21 13 19-0217	EA	12" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	236.45	26.48
		For 1" Pilaster, Add	*22.93*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*41.18*	
10 21 13 19-0218	EA	16" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	305.09	28.53
		For 1" Pilaster, Add	*31.01*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*54.94*	
10 21 13 19-0219	EA	20" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	351.68	30.56
		For 1" Pilaster, Add	*36.32*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*64.07*	
10 21 13 19-0220	EA	24" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	370.46	32.60
		For 1" Pilaster, Add	*38.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
		For NFPA Class A, Add	*67.36*	

10 21 13 19-0221 Solid Color Reinforced Composite Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid color reinforced composite core with a high pressure decorative matte surface finish as an integral part of the core material.

10 21 13 19-0222 Solid Color Reinforced Composite Toilet Partitions *(10 21 13 19-0221)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0223 Floor Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

10 21 13 19-0224	EA	36" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	923.89	91.69
		For >10, Deduct	*-74.05*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0225	EA	60" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,124.80	99.83
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 19-0226	EA	60" x 78", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,249.95	103.91
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	

10 21 13 19-0227 Overhead Braced, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

Note: Includes headrail.

10 21 13 19-0228	EA	36" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	1,033.86	112.06
		For >10, Deduct	*-80.97*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 19-0229	EA	60" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,242.50	120.21
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 19-0230	EA	60" x 78", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,373.53	124.28
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	

10 21 13 19-0231 Floor And Ceiling Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

Note: Excludes above ceiling steel.

10 21 13 19-0232	EA	36" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	1,080.94	132.43
		For >10, Deduct	*-81.61*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 19-0233	EA	60" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,288.14	140.59
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 19-0234	EA	60" x 78", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,413.29	144.65
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	

10 21 13 19-0235 Ceiling Hung, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

Note: Excludes above ceiling steel.

10 21 13 19-0236	EA	36" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	1,083.92	152.81
		For >10, Deduct	*-77.83*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 19-0237	EA	60" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,284.68	160.96
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 19-0238	EA	60" x 78", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,409.84	165.04
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	

10 21 13 19-0239 Solid Color Reinforced Composite Urinal Screens *(10 21 13 19-0221)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0240 Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*

10 21 13 19-0241	EA	24" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	355.40	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0242	EA	36" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	399.12	61.10
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0243	EA	48" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	472.23	65.17
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	

10 21 13 19-0244 Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*

10 21 13 19-0245	EA	18" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	237.10	48.88
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0246	EA	24" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	271.71	52.96
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0247	EA	30" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	321.34	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	

10 21 13 19-0248 Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*

10 21 13 19-0249	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	243.44	52.96
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0250	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	297.42	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0251	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	343.27	61.10
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0252		Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*		
10 21 13 19-0253	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	361.17	52.96
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0254	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	405.13	57.03
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0255	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	479.58	61.10
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0256		Solid Color Reinforced Composite Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0221)*		
		Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0001 for other accessories.		
10 21 13 19-0257		Solid Color Reinforced Composite, Toilet Partition Doors *(10 21 13 19-0256)*		
10 21 13 19-0258	EA	24" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	243.67	16.30
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 19-0259	EA	26" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	251.61	16.30
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 19-0260	EA	30" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	276.05	18.34
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 19-0261	EA	34" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	296.74	18.34
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 19-0262	EA	36" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	318.00	18.34
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 19-0263		Solid Color Reinforced Composite, Toilet Partition Panels *(10 21 13 19-0256)*		
10 21 13 19-0264	EA	6" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	92.89	24.45
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0265	EA	12" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	118.95	26.48
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0266	EA	18" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	155.99	28.53
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0267	EA	24" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	193.41	30.56
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0268	EA	30" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	214.49	32.60
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0269	EA	36" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	236.54	34.64
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0270	EA	42" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	273.03	36.67
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0271	EA	48" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	310.55	38.71
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0272	EA	55" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	330.79	40.75
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0273	EA	58" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	339.76	41.56
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0274	EA	60" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	346.62	42.79
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0275	EA	70" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	395.38	44.82
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0276	EA	78" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	471.77	46.87
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0277		69" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*		
10 21 13 19-0278	EA	Up To 4" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	119.40	12.22
		For 1" Pilaster, Add	*11.87*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0279	EA	5" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	137.59	14.26
		For 1" Pilaster, Add	*13.63*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0280	EA	6" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	141.66	16.30
		For 1" Pilaster, Add	*13.63*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0281	EA	8" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	163.67	18.34
		For 1" Pilaster, Add	*15.88*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0282	EA	10" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	183.91	20.37
		For 1" Pilaster, Add	*17.90*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0283	EA	12" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	204.15	22.42
		For 1" Pilaster, Add	*19.92*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0284	EA	16" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	257.91	24.45
		For 1" Pilaster, Add	*26.13*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0285	EA	20" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	314.03	26.48
		For 1" Pilaster, Add	*32.63*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0286	EA	24" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	330.44	28.53
		For 1" Pilaster, Add	*34.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0287		83" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*		
10 21 13 19-0288	EA	Up To 4" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	129.99	12.22
		For 1" Pilaster, Add	*13.19*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0289	EA	5" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	152.29	14.26
		For 1" Pilaster, Add	*15.47*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0290	EA	6" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	156.36	16.30
		For 1" Pilaster, Add	*15.47*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0291	EA	8" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	180.72	18.34
		For 1" Pilaster, Add	*18.01*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0292	EA	10" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	203.90	20.37
		For 1" Pilaster, Add	*20.39*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0293	EA	12" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	227.24	22.42
		For 1" Pilaster, Add	*22.80*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0294	EA	16" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	292.31	24.45
		For 1" Pilaster, Add	*30.43*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0295	EA	20" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	346.22	26.48
		For 1" Pilaster, Add	*36.66*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0296	EA	24" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	364.70	28.53
		For 1" Pilaster, Add	*38.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0297		96" To 120" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*		
10 21 13 19-0298	EA	Up To 4" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	148.72	16.30
		For 1" Pilaster, Add	*14.52*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0299	EA	5" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	175.13	18.34
		For 1" Pilaster, Add	*17.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0300	EA	6" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	179.21	20.37
		For 1" Pilaster, Add	*17.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0301	EA	8" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	205.92	22.42
		For 1" Pilaster, Add	*20.14*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0302	EA	10" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	232.04	24.45
		For 1" Pilaster, Add	*22.89*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0303	EA	12" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	258.47	26.48
		For 1" Pilaster, Add	*25.69*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0304	EA	16" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	334.85	28.53
		For 1" Pilaster, Add	*34.73*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0305	EA	20" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	386.55	30.56
		For 1" Pilaster, Add	*40.68*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0306	EA	24" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	407.09	32.60
		For 1" Pilaster, Add	*42.74*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0307		Solid Polyester (Corian) Toilet Partitions And Urinal Screens *(10 21 13 19)*		
		Note: Complete toilet partitions for corner installations. Includes 1/2" door (1" at edge), 1" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Produced or cast by combining unsaturated polyester resin with a combination of fillers, pigments and catalysts.		
10 21 13 19-0308		Solid Polyester (Corian) Toilet Partitions *(10 21 13 19-0307)*		
		Note: Small particulate finish.		
10 21 13 19-0309		Floor Anchored, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*		
10 21 13 19-0310	EA	36" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	2,564.62	91.69
		For >10, Deduct	*-238.13*	
		For Solid Color Material (No Particulate), Deduct	*-547.69*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 19-0311	EA	60" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,092.98	99.83
		For Solid Color Material (No Particulate), Deduct	*-665.46*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 19-0312	EA	60" x 78", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,427.39	103.91
		For Solid Color Material (No Particulate), Deduct	*-740.50*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0313		Overhead Braced, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*		
10 21 13 19-0314	EA	36" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	2,670.22	112.06
		For >10, Deduct	*-244.61*	
		For Solid Color Material (No Particulate), Deduct	*-562.61*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 19-0315	EA	60" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,497.72	120.21
		For Solid Color Material (No Particulate), Deduct	*-749.18*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 19-0316	EA	60" x 78", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,868.65	124.28
		For Solid Color Material (No Particulate), Deduct	*-832.62*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 19-0317		Floor And Ceiling Anchored, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0318	EA	36" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	2,993.91	132.43
		For >10, Deduct	*-272.90*	
		For Solid Color Material (No Particulate), Deduct	*-627.68*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 19-0319	EA	60" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	4,006.60	140.59
		For Solid Color Material (No Particulate), Deduct	*-856.85*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 19-0320	EA	60" x 78", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	4,377.25	144.65
		For Solid Color Material (No Particulate), Deduct	*-940.22*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 19-0321		Ceiling Hung, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0322	EA	36" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	3,031.15	152.81
		For >10, Deduct	*-272.55*	
		For Solid Color Material (No Particulate), Deduct	*-626.87*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 19-0323	EA	60" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,858.94	160.96
		For Solid Color Material (No Particulate), Deduct	*-813.51*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 19-0324	EA	60" x 78", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	4,229.59	165.04
		For Solid Color Material (No Particulate), Deduct	*-896.89*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*82.42*	
10 21 13 19-0325		Solid Polyester (Corian) Urinal Screens *(10 21 13 19-0307)*		
10 21 13 19-0326		Floor Anchored, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)*		
10 21 13 19-0327	EA	24" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	719.75	57.03
		For Solid Color Material (No Particulate), Deduct	*-139.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0328	EA	36" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	945.41	61.10
		For Solid Color Material (No Particulate), Deduct	*-189.34*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0329	EA	48" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	1,171.06	65.17
		For Solid Color Material (No Particulate), Deduct	*-239.37*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0330		Wall Hung, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)*		
10 21 13 19-0331	EA	18" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	375.96	48.88
		For Solid Color Material (No Particulate), Deduct	*-63.99*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0332	EA	24" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	476.84	52.96
		For Solid Color Material (No Particulate), Deduct	*-85.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0333	EA	30" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	577.71	57.03
		For Solid Color Material (No Particulate), Deduct	*-106.64*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0334		Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)*		
10 21 13 19-0335	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	487.51	52.96
		For Solid Color Material (No Particulate), Deduct	*-87.77*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0336	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	604.41	57.03
		For Solid Color Material (No Particulate), Deduct	*-112.78*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0337	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	721.31	61.10
		For Solid Color Material (No Particulate), Deduct	*-137.80*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0338		**Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screens** *(10 21 13 19-0325)*		
10 21 13 19-0339	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	735.31	52.96
		For Solid Color Material (No Particulate), Deduct	*-144.76*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0340	EA	34" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	960.96	57.03
		For Solid Color Material (No Particulate), Deduct	*-194.79*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0341	EA	46" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,186.62	61.10
		For Solid Color Material (No Particulate), Deduct	*-244.82*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0342		**Solid Polyester (Corian) Toilet Partition Doors, Panels And Pilasters** *(10 21 13 19-0307)*		
		See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21 13 19-0343		**Solid Polyester (Corian), Toilet Partition Doors** *(10 21 13 19-0342)*		
10 21 13 19-0344	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	558.24	16.30
		For Solid Color Material (No Particulate), Deduct	*-120.90*	
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 19-0345	EA	26" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	595.81	16.30
		For Solid Color Material (No Particulate), Deduct	*-129.54*	
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 19-0346	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	679.33	18.34
		For Solid Color Material (No Particulate), Deduct	*-147.81*	
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 19-0347	EA	34" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	756.86	18.34
		For Solid Color Material (No Particulate), Deduct	*-165.64*	
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 19-0348	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	790.59	18.34
		For Solid Color Material (No Particulate), Deduct	*-173.40*	
		For Heavy Gauge Full-Height SS Hinge, Add	*36.75*	
10 21 13 19-0349		**Solid Polyester (Corian), Toilet Partition Panels** *(10 21 13 19-0342)*		
10 21 13 19-0350	EA	6" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	157.65	24.45
		For Solid Color Material (No Particulate), Deduct	*-25.01*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0351	EA	12" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	270.49	26.48
		For Solid Color Material (No Particulate), Deduct	*-50.03*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0352	EA	18" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	383.31	28.53
		For Solid Color Material (No Particulate), Deduct	*-75.04*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0353	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	496.14	30.56
		For Solid Color Material (No Particulate), Deduct	*-100.05*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0354	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	608.97	32.60
		For Solid Color Material (No Particulate), Deduct	*-125.07*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0355	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	721.78	34.64
		For Solid Color Material (No Particulate), Deduct	*-150.08*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0356	EA	42" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	834.63	36.67
		For Solid Color Material (No Particulate), Deduct	*-175.09*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0357	EA	48" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	947.45	38.71
		For Solid Color Material (No Particulate), Deduct	*-200.10*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0358	EA	55" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,078.40	40.75
		For Solid Color Material (No Particulate), Deduct	*-229.29*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0359	EA	58" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,134.41	41.56
		For Solid Color Material (No Particulate), Deduct	*-241.80*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0360	EA	60" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,173.10	42.79
		For Solid Color Material (No Particulate), Deduct	*-250.13*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0361	EA	70" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,358.43	44.82
		For Solid Color Material (No Particulate), Deduct	*-291.82*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0362	EA	78" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,507.51	46.87
		For Solid Color Material (No Particulate), Deduct	*-325.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0363		**72" Long, Solid Polyester (Corian), Toilet Partition Pilasters** *(10 21 13 19-0342)*		
10 21 13 19-0364	EA	Up To 4" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	195.13	12.22
		For Solid Color Material (No Particulate), Deduct	*-39.26*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0365	EA	5" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	241.88	14.26
		For Solid Color Material (No Particulate), Deduct	*-49.07*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0366	EA	6" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	288.62	16.30
		For Solid Color Material (No Particulate), Deduct	*-58.88*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0367	EA	8" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	378.05	18.34
		For Solid Color Material (No Particulate), Deduct	*-78.52*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0368	EA	10" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	467.47	20.37
		For Solid Color Material (No Particulate), Deduct	*-98.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0369	EA	12" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	556.88	22.42
		For Solid Color Material (No Particulate), Deduct	*-117.77*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0370	EA	18" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	816.98	24.45
		For Solid Color Material (No Particulate), Deduct	*-176.66*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0371	EA	22" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	991.75	26.48
		For Solid Color Material (No Particulate), Deduct	*-215.92*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0372	EA	24" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,081.17	28.53
		For Solid Color Material (No Particulate), Deduct	*-235.55*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0373		82" Long, Solid Polyester (Corian), Toilet Partition Pilasters *(10 21 13 19-0342)*		
10 21 13 19-0374	EA	Up To 4" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	218.84	12.22
		For Solid Color Material (No Particulate), Deduct	*-44.71*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0375	EA	5" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	271.53	14.26
		For Solid Color Material (No Particulate), Deduct	*-55.89*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0376	EA	6" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	318.63	16.30
		For Solid Color Material (No Particulate), Deduct	*-65.79*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0377	EA	8" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	432.87	18.34
		For Solid Color Material (No Particulate), Deduct	*-91.13*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0378	EA	10" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	526.73	20.37
		For Solid Color Material (No Particulate), Deduct	*-111.78*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0379	EA	12" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	627.99	22.42
		For Solid Color Material (No Particulate), Deduct	*-134.13*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0380	EA	18" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	923.66	24.45
		For Solid Color Material (No Particulate), Deduct	*-201.19*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0381	EA	22" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,122.14	26.48
		For Solid Color Material (No Particulate), Deduct	*-245.91*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0382	EA	24" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,223.40	28.53
		For Solid Color Material (No Particulate), Deduct	*-268.26*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0383		96" To 120" Long, Solid Polyester (Corian), Toilet Partition Pilasters *(10 21 13 19-0342)*		
10 21 13 19-0384	EA	Up To 4" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	288.62	16.30
		For Solid Color Material (No Particulate), Deduct	*-58.88*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0385	EA	5" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	356.70	18.34
		For Solid Color Material (No Particulate), Deduct	*-73.61*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0386	EA	6" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	424.80	20.37
		For Solid Color Material (No Particulate), Deduct	*-88.33*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0387	EA	8" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	556.88	22.42
		For Solid Color Material (No Particulate), Deduct	*-117.77*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0388	EA	10" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	688.97	24.45
		For Solid Color Material (No Particulate), Deduct	*-147.22*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0389	EA	12" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	821.06	26.48
		For Solid Color Material (No Particulate), Deduct	*-176.66*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0390	EA	18" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,209.18	28.53
		For Solid Color Material (No Particulate), Deduct	*-264.99*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0391	EA	22" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,469.28	30.56
		For Solid Color Material (No Particulate), Deduct	*-323.88*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 19-0392	EA	24" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,601.37	32.60
		For Solid Color Material (No Particulate), Deduct	*-353.32*	
		For Heavy Gauge Full-Height SS Brackets, Add	*22.84*	
10 21 13 43		**Compartments and Cubicles Common Accessories** *(10 21 13)*		
10 21 13 43-0001		Accessories *(10 21 13 43)*		
10 21 13 43-0002	LF	Extruded Aluminum Headrails For Toilet Partitions And Urinal Screens	8.26	1.63
10 21 13 43-0003	LF	Stainless Steel Headrails For Toilet Partitions And Urinal Screens	12.80	1.63
10 21 13 43-0004	EA	Replacement 1-1/2" x 58" Stainless Steel Wall Posts	75.91	
10 21 13 43-0005	EA	Replacement 58" Aluminum Wall U Bracket	43.48	
10 21 13 43-0006	EA	Replacement 58" Aluminum Wall Two Ear Bracket	72.10	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 43-0007	EA	Replacement 54" Stainless Steel Wall U Bracket	58.48	
10 21 13 43-0008	EA	Replacement 54" Stainless Steel Wall Two Ear Bracket	140.10	
10 21 13 43-0009	EA	Replacement 54" Plastic Wall Two Ear Bracket, All Colors	100.64	
10 21 13 43-0010	EA	Replacement 57-1/2" Stainless Steel Hinge	96.73	

10 21 16 Shower And Dressing Compartments *(10 21)*

10 21 16 00-0001 Shower Dividers *(10 21 16)*

10 21 16 00-0002 Solid Phenolic Core Laminated Plastic, Shower Dividers *(10 21 16 00-0001)*

Note: Cut to height in field. panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels.

10 21 16 00-0003	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	642.04	101.88
		For 66" High Panels, Add	*65.75*	
10 21 16 00-0004	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	804.45	110.02
		For 66" High Panels, Add	*87.66*	
10 21 16 00-0005	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,037.62	122.25
		For 66" High Panels, Add	*118.97*	
10 21 16 00-0006	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,224.44	142.62
		For 66" High Panels, Add	*140.88*	
10 21 16 00-0007	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,411.30	162.99
		For 66" High Panels, Add	*162.80*	

10 21 16 00-0008 Solid Phenolic Core Laminated Plastic, Shower Dividers With Headrail And Curtain Track *(10 21 16 00-0001)*

Note: Cut to height in field. Panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels. Includes 3/4" stiles, 85" from floor to top of headrail. Headrail 4" wide. All stainless steel shoes and stainless steel fittings. Leveling devices are chromate treated double zinc plated steel. Overhead braced designed with concealed curtain tracks and hooks in headrail.

10 21 16 00-0009	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	1,540.78	179.05
		For 66" High Panels, Add	*213.21*	
		For 6" Wide Head Rail, Add	*39.06*	
		For 8" Wide Head Rail, Add	*54.47*	
		For 10" Wide Head rail, Add	*66.30*	
		For 12" Wide Head Rail, Add	*79.91*	
		For 18" Wide, 1/2" Thick Bench, Add	*120.81*	
		For 24" Wide, 1/2" Thick Bench, Add	*160.81*	
10 21 16 00-0010	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	1,898.42	195.52
		For 66" High Panels, Add	*265.21*	
		For 6" Wide Head Rail, Add	*49.13*	
		For 8" Wide Head Rail, Add	*68.12*	
		For 10" Wide Head rail, Add	*83.19*	
		For 12" Wide Head Rail, Add	*100.22*	
		For 18" Wide, 1/2" Thick Bench, Add	*124.11*	
		For 24" Wide, 1/2" Thick Bench, Add	*164.11*	
10 21 16 00-0011	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,386.97	207.90
		For 66" High Panels, Add	*337.26*	
		For 6" Wide Head Rail, Add	*63.29*	
		For 8" Wide Head Rail, Add	*87.16*	
		For 10" Wide Head rail, Add	*106.87*	
		For 12" Wide Head Rail, Add	*128.66*	
		For 18" Wide, 1/2" Thick Bench, Add	*126.58*	
		For 24" Wide, 1/2" Thick Bench, Add	*166.58*	
10 21 16 00-0012	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,552.30	232.60
		For 66" High Panels, Add	*359.59*	
		For 6" Wide Head Rail, Add	*67.27*	
		For 8" Wide Head Rail, Add	*92.79*	
		For 10" Wide Head rail, Add	*113.66*	
		For 12" Wide Head Rail, Add	*136.86*	
		For 18" Wide, 1/2" Thick Bench, Add	*131.52*	
		For 24" Wide, 1/2" Thick Bench, Add	*171.52*	
10 21 16 00-0013	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,917.34	252.81
		For 66" High Panels, Add	*412.32*	
		For 6" Wide Head Rail, Add	*77.41*	
		For 8" Wide Head Rail, Add	*106.58*	
		For 10" Wide Head rail, Add	*130.70*	
		For 12" Wide Head Rail, Add	*157.35*	
		For 18" Wide, 1/2" Thick Bench, Add	*135.56*	
		For 24" Wide, 1/2" Thick Bench, Add	*175.56*	

10 21 23 Cubicle Curtains And Track *(10 21)*

10 21 23 13 Cubicle Curtains *(10 21 23)*

10 21 23 13-0001 Hospital Curtains *(10 21 23 13)*

10 21 23 13-0002	LF	84" High, Fire Resistant Polyester, Hospital Cubicle Curtain	12.88	0.70
10 21 23 13-0003	LF	90" High, Fire Resistant Polyester, Hospital Cubicle Curtain	13.65	0.70
10 21 23 13-0004	LF	96" High, Fire Resistant Polyester, Hospital Cubicle Curtain	14.61	0.70
10 21 23 13-0005	LF	102" High, Fire Resistant Polyester, Hospital Cubicle Curtain	15.39	0.70
10 21 23 13-0006	LF	108" High, Fire Resistant Polyester, Hospital Cubicle Curtain	16.17	0.70
10 21 23 13-0007	LF	120" High, Fire Resistant Polyester, Hospital Cubicle Curtain	17.66	0.70

10 21 23 16 Cubicle Track And Hardware *(10 21 23)*

10 21 23 16-0001 Hospital Cubicle Curtain Channel Track *(10 21 23 16)*

Note: Track is extruded aluminum. Includes curved sections, carrier rollers and all fittings. (Medline)

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 23 16-0002	LF	Flush Mounted, Aluminum, Hospital Cubicle Curtain Channel Track	13.25	2.45
10 21 23 16-0003	LF	Suspended, Aluminum, Hospital Cubicle Curtain Channel Track	21.21	4.07
10 21 23 16-0004		Hospital IV Tracks *(10 21 23 16)*		
10 21 23 16-0005	LF	Oval Hospital Partition IV Track	14.00	2.33
10 21 23 16-0006	EA	Hospital Partition IV Trolley	74.99	9.69
10 21 23 16-0007	EA	5 Hook Tree, Hospital Partition IV Pendant	289.71	9.69

10 22 Partitions *(10 20)*

10 22 13 Wire Mesh Partitions *(10 22)*

10 22 13 00-0001		Wall Panels *(10 22 13)*		
		Note: Includes steel frame and posts. Posts bolted to floor.		
10 22 13 00-0002	SF	Wire Mesh Wall Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	9.84	1.02
		For 5' Wide Panels, Add	*0.39*	
10 22 13 00-0003	SF	Wire Mesh Wall Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	10.92	1.22
		For 5' Wide Panels, Add	*0.42*	
10 22 13 00-0004	SF	Wire Mesh Wall Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	12.28	1.43
		For 5' Wide Panels, Add	*0.47*	
10 22 13 00-0005		Ceiling Panels *(10 22 13)*		
		Note: Includes steel frame.		
10 22 13 00-0006	SF	Wire Mesh Ceiling Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	10.22	1.22
10 22 13 00-0007	SF	Wire Mesh Ceiling Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	11.28	1.43
10 22 13 00-0008	SF	Wire Mesh Ceiling Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	12.51	1.63
10 22 13 00-0009		Sliding Doors *(10 22 13)*		
		Note: Includes padlocks lugs and/or provisions for cylinder lock.		
10 22 13 00-0010	EA	4' x 8' Sliding Door, 10 Gauge With Cylinder Lock	940.92	213.93
		For 8 Gauge, Add	*98.35*	
		For 6 Gauge, Add	*196.70*	
10 22 13 00-0011	EA	4' x 10' Sliding Door, 10 Gauge With Cylinder Lock	992.71	236.34
		For 8 Gauge, Add	*101.64*	
		For 6 Gauge, Add	*203.28*	
10 22 13 00-0012	EA	5' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,083.79	244.50
		For 8 Gauge, Add	*113.67*	
		For 6 Gauge, Add	*227.34*	
10 22 13 00-0013	EA	5' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,181.94	264.87
		For 8 Gauge, Add	*124.32*	
		For 6 Gauge, Add	*248.63*	
10 22 13 00-0014	EA	6' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,223.23	281.17
		For 8 Gauge, Add	*127.25*	
		For 6 Gauge, Add	*254.50*	
10 22 13 00-0015	EA	6' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,344.54	297.46
		For 8 Gauge, Add	*142.19*	
		For 6 Gauge, Add	*284.37*	
10 22 13 00-0016	EA	8' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,445.01	319.88
		For 8 Gauge, Add	*152.78*	
		For 6 Gauge, Add	*305.55*	
10 22 13 00-0017	EA	8' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,570.93	334.14
		For 8 Gauge, Add	*168.81*	
		For 6 Gauge, Add	*337.62*	
10 22 13 00-0018	EA	10' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,585.49	342.30
		For 8 Gauge, Add	*169.37*	
		For 6 Gauge, Add	*338.73*	
10 22 13 00-0019	EA	10' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,747.98	362.67
		For 8 Gauge, Add	*189.66*	
		For 6 Gauge, Add	*379.33*	
10 22 13 00-0020		Swing Doors *(10 22 13)*		
10 22 13 00-0021		Single Swing Door *(10 22 13 00-0020)*		
10 22 13 00-0022	EA	3' x 7' Swing Door, 10 Gauge With Cylinder Lock	642.11	126.33
		For 8 Gauge, Add	*69.15*	
		For 6 Gauge, Add	*138.30*	
10 22 13 00-0023	EA	3' x 8' Swing Door, 10 Gauge With Cylinder Lock	690.47	142.62
		For 8 Gauge, Add	*75.05*	
		For 6 Gauge, Add	*150.09*	
10 22 13 00-0024	EA	3' x 9' Swing Door, 10 Gauge With Cylinder Lock	739.82	150.77
		For 8 Gauge, Add	*80.82*	
		For 6 Gauge, Add	*161.64*	
10 22 13 00-0025	EA	4' x 7' Swing Door, 10 Gauge With Cylinder Lock	731.22	162.99
		For 8 Gauge, Add	*77.08*	
		For 6 Gauge, Add	*154.17*	
10 22 13 00-0026	EA	4' x 8' Swing Door, 10 Gauge With Cylinder Lock	782.32	171.15
		For 8 Gauge, Add	*83.12*	
		For 6 Gauge, Add	*166.24*	
10 22 13 00-0027	EA	4' x 9' Swing Door, 10 Gauge With Cylinder Lock	817.47	179.29
		For 8 Gauge, Add	*86.76*	
		For 6 Gauge, Add	*173.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 13 00-0028	EA	4' x 7' Dutch Door, 10 Gauge With Cylinder Lock	957.42	162.99
		For 8 Gauge, Add	*111.01*	
		For 6 Gauge, Add	*222.03*	
10 22 13 00-0029	EA	4' x 8' Dutch Door, 10 Gauge With Cylinder Lock	1,015.61	171.15
		For 8 Gauge, Add	*118.11*	
		For 6 Gauge, Add	*236.22*	

10 22 13 00-0030 Double Swing Doors *(10 22 13 00-0020)*

10 22 13 00-0031	EA	6' x 7' Double Swing Door, 10 Gauge With Cylinder Lock	1,014.47	203.74
		For 8 Gauge, Add	*111.42*	
		For 6 Gauge, Add	*222.84*	
10 22 13 00-0032	EA	6' x 8' Double Swing Door, 10 Gauge With Cylinder Lock	1,038.92	215.97
		For 8 Gauge, Add	*112.64*	
		For 6 Gauge, Add	*225.29*	
10 22 13 00-0033	EA	6' x 9' Double Swing Door, 10 Gauge With Cylinder Lock	1,421.65	228.19
		For 8 Gauge, Add	*167.61*	
		For 6 Gauge, Add	*335.22*	
10 22 13 00-0034	EA	8 x 7' Double Swing Door, 10 Gauge With Cylinder Lock	1,095.96	244.50
		For 8 Gauge, Add	*115.50*	
		For 6 Gauge, Add	*230.99*	
10 22 13 00-0035	EA	8 x 8' Double Swing Door, 10 Gauge With Cylinder Lock	1,120.41	256.72
		For 8 Gauge, Add	*116.72*	
		For 6 Gauge, Add	*233.44*	
10 22 13 00-0036	EA	8 x 9' Double Swing Door, 10 Gauge With Cylinder Lock	1,503.14	268.95
		For 8 Gauge, Add	*171.68*	
		For 6 Gauge, Add	*343.37*	

10 22 19 Demountable Partitions *(10 22)*

10 22 19 13 Demountable Metal Partitions *(10 22 19)*

10 22 19 13-0001	LF	Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5"	89.53	12.95
		For >9, Add 11.19		
10 22 19 13-0002	LF	Demountable Partition, 1.75 System, Aluminum Frame, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5"	77.99	10.31
		For >9, Add 9.75		
10 22 19 13-0003	LF	Demountable Partition, 1.75 System, Aluminum Frame, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5"	66.46	7.75
		For >9, Add 8.31		
10 22 19 13-0004	LF	Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panel, 9' High, 48" Wide, Backed Enamel	154.66	10.31
		For >9, Add 19.33		
10 22 19 13-0005	LF	Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panels, 9' High, 48" Wide, Fabric	227.45	11.08
		For >9, Add 28.43		

10 22 19 43 Demountable Composite Partitions *(10 22 19)*

10 22 19 43-0001	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Vinyl Clad	134.06	12.95
		For >9, Add 16.76		
10 22 19 43-0002	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Fabric Clad	166.67	14.10
		For >9, Add 20.83		
10 22 19 43-0003	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	27.68	1.93
		For Acoustical Partitions, Add	*2.39*	
10 22 19 43-0004	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	35.16	3.25
		For Acoustical Partitions, Add	*2.86*	
10 22 19 43-0005	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	29.53	2.01
		For Acoustical Partitions, Add	*2.55*	
10 22 19 43-0006	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	42.13	2.79
		For Acoustical Partitions, Add	*3.66*	

10 22 19 53 Demountable Gypsum Partitions *(10 22 19)*

10 22 19 53-0001	LF	Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 9' High, 3" To 3-3/4" Thick, Vinyl Clad	87.72	12.95
		For >9, Add 10.97		
10 22 19 53-0002	LF	Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 9' High, 3" To 3-3/4" Thick, Fabric Clad	153.56	14.10
		For >9, Add 19.20		
10 22 19 53-0003	LF	Demountable Partition Gypsum System, On 2" To 2-1/ 2", Steel Standard, 9' High, 3" To 3-3/4" Thick	165.04	15.50
		For >9, Add 20.63		
10 22 19 53-0004	LF	Demountable Partition Gypsum System, Unitized Panel, 9' High, 2" To 2-1/2" Thick, Vinyl Clad	110.18	12.95
		For >9, Add 13.77		
10 22 19 53-0005	LF	Demountable Partition Gypsum System, Unitized Panel, 9' High, 2" To 2-1/2" Thick, Fabric Clad	179.40	14.10
		For >9, Add 22.43		

10 22 19 71 Remove And Store Demountable Partitions *(10 22 19)*

10 22 19 71-0001	LF	Remove, Store And Reinstall Demountable Partitions, Up To 10'	57.05	

10 22 23 Portable Partitions, Screens, And Panels *(10 22)*

Note: Cubicle prices include standard units, standard height glass and glazing. For 25 percent and 50 percent glass 1/4" plate glass is used. For 100 percent glass 1/4" tempered plate is used.

10 22 23 00-0001 Portable Partitions *(10 22 23)*

10 22 23 00-0002	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 4' High	163.62	6.21
10 22 23 00-0003	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 5' High	174.55	6.90
10 22 23 00-0004	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 6' High	207.56	8.29
10 22 23 00-0005	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 4' High	120.11	3.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 23 00-0006	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 5' High	127.66	4.11
10 22 23 00-0007	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 6' High	143.63	4.96
10 22 23 00-0008	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 6'-0" Long, 5' High	122.27	3.80
10 22 23 00-0009	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 5' High	217.53	6.90
10 22 23 00-0010	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 6' High	239.39	8.29
10 22 23 00-0011	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 5' High	127.19	4.73
10 22 23 00-0012	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 6' High	144.78	5.50
10 22 23 00-0013	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 5' High	116.51	4.11
10 22 23 00-0014	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 6' High	130.90	4.96
10 22 23 00-0015	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 5' High	193.65	6.90
10 22 23 00-0016	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 6' High	218.70	8.29
10 22 23 00-0017	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 5' High	196.84	6.90
10 22 23 00-0018	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 6' High	239.39	8.29
10 22 23 00-0019	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 5' High	151.53	4.11
10 22 23 00-0020	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 6' High	170.69	4.96
10 22 23 00-0021	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 5' High	159.68	3.80
10 22 23 00-0022	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 6' High	190.46	4.49
10 22 23 00-0023	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 5' High	93.77	4.73
10 22 23 00-0024	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 6' High	110.56	5.50
10 22 23 00-0025	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 5'-0" Long, 6' High	99.86	4.96
10 22 23 00-0026	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 6'-0" Long, 5' High	72.92	3.80
10 22 23 00-0027	LF	Partitions, Portable, Metal Chalkboard, 6'-6" High, 1 Side	118.16	4.96
10 22 23 00-0028	LF	Partitions, Portable, Metal Chalkboard, 2 Sides	134.50	5.20
10 22 23 00-0029	LF	Partitions, Portable, Tackboard, Both Sides	108.77	5.04

10 22 33 Accordion Folding Partitions *(10 22)*

10 22 33 00-0001 Accordion Doors/Partitions *(10 22 33)*

Note: Includes top support track and assembled panels.

10 22 33 00-0002	SF	15 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 1500)	42.24	3.84
		For <135 SF, Add	*8.45*	
10 22 33 00-0003	SF	20 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 2000)	42.97	3.97
		For <135 SF, Add	*8.59*	
10 22 33 00-0004	SF	31 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3100)	44.93	4.09
		For <135 SF, Add	*8.99*	
10 22 33 00-0005	SF	35 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3500)	47.53	4.22
		For <135 SF, Add	*9.51*	
10 22 33 00-0006	SF	39 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3900)	48.42	4.35
		For <135 SF, Add	*9.68*	
10 22 33 00-0007	SF	40 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4000)	49.10	4.48
		For <135 SF, Add	*9.82*	
10 22 33 00-0008	SF	41 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4100)	49.76	4.60
		For <135 SF, Add	*9.95*	
10 22 33 00-0009	SF	45 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4500)	50.71	4.86
		For <135 SF, Add	*10.14*	

10 22 43 Sliding Partitions *(10 22)*

10 22 43 00-0001 Operable Wall *(10 22 43)*

Note: Includes top support track, assembled panel and frames.

10 22 43 00-0002	SF	Up To 720 SF, 12' Height Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	68.07	6.59
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*5.31*	
10 22 43 00-0003	SF	>720 To 1200 SF, 12 High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	63.08	5.27
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*5.20*	
10 22 43 00-0004	SF	>1200 SF, 12' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	59.41	4.39
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*5.09*	
10 22 43 00-0005	SF	Up To 1080 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	57.81	4.61
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*4.84*	
10 22 43 00-0006	SF	>1080 To 1800 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	54.01	3.75
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*4.70*	
10 22 43 00-0007	SF	>1800 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	51.79	3.36
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*4.59*	
10 22 43 00-0008	SF	Up To 1440 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	51.27	3.61
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*4.44*	
10 22 43 00-0009	SF	>1440 To 2400 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	48.40	3.09
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*4.30*	
10 22 43 00-0010	SF	>2400 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	46.41	2.77
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*4.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 43 00-0011	SF	Up To 160 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	71.85	5.85
		Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
		For 51 STC, Add	*5.97*	
10 22 43 00-0012	SF	>160 To 240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	66.18	4.46
		Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
		For 51 STC, Add	*5.81*	
10 22 43 00-0013	SF	>240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	62.86	3.75
		Note: Includes type 3 pocket door, track and hardware. Hufco 632.		
		For 51 STC, Add	*5.68*	

10 26 Wall And Door Protection *(10 20)*

10 26 13 Corner Guards *(10 26)*

10 26 13 00-0001 Vinyl Corner Guards *(10 26 13)*

10 26 13 00-0002 Rigid Vinyl Corner Guards *(10 26 13 00-0001)*

10 26 13 00-0003 Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0002)*

10 26 13 00-0004 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0003)*

10 26 13 00-0005	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-34)	5.86	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-1.92*	
10 26 13 00-0006	LF	1-1/2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-12)	6.57	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-1.96*	
10 26 13 00-0007	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-13)	9.74	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.12*	
10 26 13 00-0008	LF	4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-14)	11.44	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.20*	

10 26 13 00-0009 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0003)*

10 26 13 00-0010	LF	1-1/2" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-1245)	10.85	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.17*	

10 26 13 00-0011 Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0001)*

Note: Includes closure caps.

10 26 13 00-0012 Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0011)*

10 26 13 00-0013 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*

10 26 13 00-0014	LF	2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-20)	12.34	3.66
		For >50 To 100 LF, Deduct	*-1.53*	
		For >100 To 200 LF, Deduct	*-2.14*	
		For >200 LF, Deduct	*-3.06*	
		For Recycled Vinyl Retainer, Deduct	*-1.25*	
10 26 13 00-0015	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-10)	14.42	3.66
		For >50 To 100 LF, Deduct	*-1.53*	
		For >100 To 200 LF, Deduct	*-2.14*	
		For >200 LF, Deduct	*-3.17*	
		For Recycled Vinyl Retainer, Deduct	*-1.66*	
10 26 13 00-0016	LF	Bullnose 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-30)	15.25	3.66
		For >50 To 100 LF, Deduct	*-1.53*	
		For >100 To 200 LF, Deduct	*-2.14*	
		For >200 LF, Deduct	*-3.21*	
		For Recycled Vinyl Retainer, Deduct	*-1.83*	

10 26 13 00-0017 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*

10 26 13 00-0018	LF	3" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-135)	16.50	3.66
		For >50 To 100 LF, Deduct	*-1.53*	
		For >100 To 200 LF, Deduct	*-2.14*	
		For >200 LF, Deduct	*-3.27*	
		For Recycled Vinyl Retainer, Deduct	*-2.08*	

10 26 13 00-0019 End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*

Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0020	LF	2" Wing, End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-11)	34.15	4.89
		For >50 To 100 LF, Deduct	*-2.04*	
		For >100 To 200 LF, Deduct	*-2.85*	
		For >200 LF, Deduct	*-4.97*	
		For Recycled Vinyl Retainer, Deduct	*-5.20*	

10 26 13 00-0021 Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0011)*

10 26 13 00-0022 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*

10 26 13 00-0023	LF	2" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-72)	14.93	3.66
		For >50 To 100 LF, Deduct	*-1.53*	
		For >100 To 200 LF, Deduct	*-2.14*	
		For >200 LF, Deduct	*-3.19*	
		For Up To 2 HR Fire Rated, Add	*6.17*	
10 26 13 00-0024	LF	3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-7)	17.41	3.66
		For >50 To 100 LF, Deduct	*-1.53*	
		For >100 To 200 LF, Deduct	*-2.14*	
		For >200 LF, Deduct	*-3.31*	
		For Up To 2 HR Fire Rated, Add	*7.91*	
10 26 13 00-0025	LF	Bullnose 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-32)	17.97	3.66
		For >50 To 100 LF, Deduct	*-1.53*	
		For >100 To 200 LF, Deduct	*-2.14*	
		For >200 LF, Deduct	*-3.34*	
		For Up To 2 HR Fire Rated, Add	*8.30*	

10 26 13 00-0026 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*

10 26 13 00-0027	LF	3" Wing, 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-75)	20.12	3.66
		For >50 To 100 LF, Deduct	*-1.53*	
		For >100 To 200 LF, Deduct	*-2.14*	
		For >200 LF, Deduct	*-3.45*	
		For Up To 2 HR Fire Rated, Add	*9.81*	

10 26 13 00-0028 End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*

Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.

10 26 13 00-0029	LF	2" Wing, End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-888)	42.47	4.89
		For >50 To 100 LF, Deduct	*-2.04*	
		For >100 To 200 LF, Deduct	*-2.85*	
		For >200 LF, Deduct	*-5.38*	
		For Up To 2 HR Fire Rated, Add	*24.02*	

10 26 13 00-0030 Flexible Vinyl Corner Guards *(10 26 13 00-0001)*

Note: Includes adhesive for installation.

10 26 13 00-0031 Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0030)*

10 26 13 00-0032 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0031)*

10 26 13 00-0033	LF	1-3/4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-9)	7.98	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.03*	
		For Bolting To Concrete Or Masonry, Add	*1.81*	
10 26 13 00-0034	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-3)	10.86	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.17*	
		For Bolting To Concrete Or Masonry, Add	*2.24*	
10 26 13 00-0035	LF	4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-15)	12.09	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.23*	
		For Bolting To Concrete Or Masonry, Add	*2.42*	

10 26 13 00-0036 Polycarbonate Corner Guards *(10 26 13)*

10 26 13 00-0037 Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0036)*

10 26 13 00-0038 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0037)*

10 26 13 00-0039	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-16)	5.25	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-1.89*	
10 26 13 00-0040	LF	1-1/8" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-17)	6.36	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-1.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0041	LF	2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-24)	7.38	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.00*	
10 26 13 00-0042	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-18)	9.70	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.11*	
10 26 13 00-0043	LF	Bullnose 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-23)	8.33	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.04*	
10 26 13 00-0044		135 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0037)*		
10 26 13 00-0045	LF	2-1/2" Wing, 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-19)	9.70	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.11*	
10 26 13 00-0046		Aluminum Corner Guards *(10 26 13)*		
10 26 13 00-0047		Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0046)*		
10 26 13 00-0048		90 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0047)*		
10 26 13 00-0049	LF	1" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-400)	7.98	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.03*	
10 26 13 00-0050	LF	2" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-401)	9.76	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.12*	
10 26 13 00-0051	LF	3" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-402)	10.94	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.18*	
10 26 13 00-0052		135 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0047)*		
10 26 13 00-0053	LF	1" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-403)	7.98	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.03*	
10 26 13 00-0054	LF	2" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-404)	9.76	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.12*	
10 26 13 00-0055	LF	3" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-405)	10.26	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.14*	
10 26 13 00-0056		Steel Corner Guards *(10 26 13)*		
10 26 13 00-0057		Steel Angle Iron, Corner Guards *(10 26 13 00-0056)*		
10 26 13 00-0058		Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0057)*		
10 26 13 00-0059		90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0058)*		
10 26 13 00-0060	LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	10.22	2.93
		For Galvanizing, Add	*1.87*	
		For >50 To 100 LF, Deduct	*-1.22*	
		For >100 To 200 LF, Deduct	*-1.71*	
		For >200 LF, Deduct	*-2.47*	
10 26 13 00-0061	LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	13.07	3.18
		For Galvanizing, Add	*2.72*	
		For >50 To 100 LF, Deduct	*-1.32*	
		For >100 To 200 LF, Deduct	*-1.85*	
		For >200 LF, Deduct	*-2.77*	
10 26 13 00-0062	LF	2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	13.92	3.30
		For Galvanizing, Add	*2.95*	
		For >50 To 100 LF, Deduct	*-1.38*	
		For >100 To 200 LF, Deduct	*-1.93*	
		For >200 LF, Deduct	*-2.90*	
10 26 13 00-0063	LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	14.23	3.42
		For Galvanizing, Add	*2.98*	
		For >50 To 100 LF, Deduct	*-1.43*	
		For >100 To 200 LF, Deduct	*-2.00*	
		For >200 LF, Deduct	*-3.00*	
10 26 13 00-0064	LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	17.83	3.54
		For Galvanizing, Add	*4.17*	
		For >50 To 100 LF, Deduct	*-1.48*	
		For >100 To 200 LF, Deduct	*-2.07*	
		For >200 LF, Deduct	*-3.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0065	LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	21.44	3.66
		For Galvanizing, Add	*5.37*	
		For >50 To 100 LF, Deduct	*-1.53*	
		For >100 To 200 LF, Deduct	*-2.14*	
		For >200 LF, Deduct	*-3.52*	
10 26 13 00-0066	LF	6" x 6" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	36.75	4.89
		For Galvanizing, Add	*10.01*	
		For >50 To 100 LF, Deduct	*-2.04*	
		For >100 To 200 LF, Deduct	*-2.85*	
		For >200 LF, Deduct	*-5.10*	

10 26 13 00-0067 Stainless Steel Corner Guards *(10 26 13)*

10 26 13 00-0068 Stainless Steel Corner Guards *(10 26 13 00-0067)*
Note: Includes 16 gauge, type 304 stainless steel corner guards with #4 satin finish.

10 26 13 00-0069 Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0068)*

10 26 13 00-0070 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0069)*

10 26 13 00-0071	LF	1" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-520)	9.61	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.11*	
10 26 13 00-0072	LF	2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-510)	12.90	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.27*	
10 26 13 00-0073	LF	3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-500)	17.51	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.50*	
10 26 13 00-0074	LF	Bullnose 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-550)	17.51	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.50*	

10 26 13 00-0075 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0069)*

10 26 13 00-0076	LF	3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-600)	17.51	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.50*	
10 26 13 00-0077	LF	Bullnose 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-650)	17.51	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.50*	

10 26 13 00-0078 Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0067)*

10 26 13 00-0079 Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0078)*

10 26 13 00-0080 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0079)*

10 26 13 00-0081	LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	17.21	2.93
		For >50 To 100 LF, Deduct	*-1.22*	
		For >100 To 200 LF, Deduct	*-1.71*	
		For >200 LF, Deduct	*-2.82*	
10 26 13 00-0082	LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	28.64	3.18
		For >50 To 100 LF, Deduct	*-1.32*	
		For >100 To 200 LF, Deduct	*-1.85*	
		For >200 LF, Deduct	*-3.55*	
10 26 13 00-0083	LF	2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	40.07	3.30
		For >50 To 100 LF, Deduct	*-1.38*	
		For >100 To 200 LF, Deduct	*-1.93*	
		For >200 LF, Deduct	*-4.20*	
10 26 13 00-0084	LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	37.41	3.42
		For >50 To 100 LF, Deduct	*-1.43*	
		For >100 To 200 LF, Deduct	*-2.00*	
		For >200 LF, Deduct	*-4.15*	
10 26 13 00-0085	LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	53.50	3.54
		For >50 To 100 LF, Deduct	*-1.48*	
		For >100 To 200 LF, Deduct	*-2.07*	
		For >200 LF, Deduct	*-5.04*	
10 26 13 00-0086	LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	49.41	3.66
		For >50 To 100 LF, Deduct	*-1.53*	
		For >100 To 200 LF, Deduct	*-2.14*	
		For >200 LF, Deduct	*-4.91*	

10 26 13 00-0087 Rubber Corner Guards *(10 26 13)*
Note: Includes adhesive for installation.

10 26 13 00-0088 Natural Rubber Corner Guards *(10 26 13 00-0087)*

10 26 13 00-0089 Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0088)*

10 26 13 00-0090 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0089)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0091	LF	4-3/4" Wing, 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guard (Pawling CG-5)	37.96	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-3.53*	
		For Bolting To Concrete Or Masonry, Add	*6.30*	

10 26 13 00-0092 SBR Rubber Corner Guards *(10 26 13 00-0087)*

10 26 13 00-0093 Surface Mounted, SBR Rubber Corner Guards *(10 26 13 00-0092)*

10 26 13 00-0094 90 Degree Angle, Surface Mounted, SBR Rubber Corner Guards *(10 26 13 00-0093)*

10 26 13 00-0095	LF	4-5/8" Wing, 90 Degree Angle, Surface Mounted, SBR Rubber Corner Guard (Pawling CG-2)	24.11	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.83*	
		For Bolting To Concrete Or Masonry, Add	*4.23*	

10 26 13 00-0096 EPDM Rubber Corner Guards *(10 26 13 00-0087)*

10 26 13 00-0097 Surface Mounted, EPDM Rubber Corner Guards *(10 26 13 00-0096)*

10 26 13 00-0098 90 Degree Angle, Surface Mounted, EPDM Rubber Corner Guards *(10 26 13 00-0097)*

10 26 13 00-0099	LF	4-5/8" Wing, 90 Degree Angle, Surface Mounted, EPDM Rubber Corner Guard (Pawling CG-2E)	16.09	2.45
		For >50 To 100 LF, Deduct	*-1.02*	
		For >100 To 200 LF, Deduct	*-1.42*	
		For >200 LF, Deduct	*-2.43*	
		For Bolting To Concrete Or Masonry, Add	*3.02*	

10 26 16 Bumper Guards *(10 26)*

10 26 16 13 Bumper Rails *(10 26 16)*

10 26 16 13-0001 Crash Rails *(10 26 16 13)*
Note: Includes end caps.

10 26 16 13-0002 Polycarbonate Crash Rails *(10 26 16 13-0001)*

10 26 16 13-0003	LF	3" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-3)	9.56	3.26
		For >50 To 100 LF, Deduct	*-1.63*	
		For >100 To 200 LF, Deduct	*-2.28*	
		For >200 LF, Deduct	*-3.09*	
10 26 16 13-0004	LF	4" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-4)	10.27	3.26
		For >50 To 100 LF, Deduct	*-1.63*	
		For >100 To 200 LF, Deduct	*-2.28*	
		For >200 LF, Deduct	*-3.12*	

10 26 16 13-0005 Aluminum Crash Rails *(10 26 16 13-0001)*

10 26 16 13-0006	LF	4" High, 3-1/4" Deep, Aluminum Crash Rail (Pawling CRA-100)	29.40	3.26
		For >50 To 100 LF, Deduct	*-1.63*	
		For >100 To 200 LF, Deduct	*-2.28*	
		For >200 LF, Deduct	*-4.08*	

10 26 16 13-0007 Stainless Steel Crash Rails *(10 26 16 13-0001)*

10 26 16 13-0008	LF	4" High, 3-1/4" Deep, Stainless Steel Crash Rail (Pawling CRS-100)	52.28	3.26
		For >50 To 100 LF, Deduct	*-1.63*	
		For >100 To 200 LF, Deduct	*-2.28*	
		For >200 LF, Deduct	*-5.22*	
10 26 16 13-0009	LF	5-1/2" High, 1-1/2" Deep, Stainless Steel Crash Rail (Pawling CRS-200)	40.84	3.26
		For >50 To 100 LF, Deduct	*-1.63*	
		For >100 To 200 LF, Deduct	*-2.28*	
		For >200 LF, Deduct	*-4.65*	

10 26 16 13-0010 Wall Guards *(10 26 16 13)*

10 26 16 13-0011 Rigid Vinyl Wall Guards With Aluminum Retainers *(10 26 16 13-0010)*
Note: Includes end caps.

10 26 16 13-0012	LF	1-1/2" High, 1-1/2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-1)	10.04	2.85
		For >50 To 100 LF, Deduct	*-1.43*	
		For >100 To 200 LF, Deduct	*-2.00*	
		For >200 LF, Deduct	*-2.79*	
10 26 16 13-0013	LF	3" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-3)	11.71	3.26
		For >50 To 100 LF, Deduct	*-1.63*	
		For >100 To 200 LF, Deduct	*-2.28*	
		For >200 LF, Deduct	*-3.19*	
10 26 16 13-0014	LF	4" High, 3/4" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-4)	12.67	3.26
		For >50 To 100 LF, Deduct	*-1.63*	
		For >100 To 200 LF, Deduct	*-2.28*	
		For >200 LF, Deduct	*-3.24*	
10 26 16 13-0015	LF	5" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-5)	13.87	3.26
		For >50 To 100 LF, Deduct	*-1.63*	
		For >100 To 200 LF, Deduct	*-2.28*	
		For >200 LF, Deduct	*-3.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0016	LF	6" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-6)	15.66	3.46
		For >50 To 100 LF, Deduct	*-1.73*	
		For >100 To 200 LF, Deduct	*-2.42*	
		For >200 LF, Deduct	*-3.55*	
10 26 16 13-0017	LF	7-3/4" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-8)	16.24	3.46
		For >50 To 100 LF, Deduct	*-1.73*	
		For >100 To 200 LF, Deduct	*-2.42*	
		For >200 LF, Deduct	*-3.58*	
10 26 16 13-0018	LF	8" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-7)	16.74	3.46
		For >50 To 100 LF, Deduct	*-1.73*	
		For >100 To 200 LF, Deduct	*-2.42*	
		For >200 LF, Deduct	*-3.61*	
10 26 16 13-0019	LF	12" High, 2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-12)	20.88	3.66
		For >50 To 100 LF, Deduct	*-1.83*	
		For >100 To 200 LF, Deduct	*-2.57*	
		For >200 LF, Deduct	*-3.98*	

10 26 16 13-0020 Rubber Wall Guards *(10 26 16 13-0010)*

10 26 16 13-0021 D-Shaped, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0022	LF	2" High, 1-3/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-2)	18.07	2.85
		For >50 To 100 LF, Deduct	*-1.43*	
		For >100 To 200 LF, Deduct	*-2.00*	
		For >200 LF, Deduct	*-3.19*	
10 26 16 13-0023	LF	3" High, 3" Deep, D-Shaped, Rubber Wall Guard (Pawling D-3)	25.40	3.26
		For >50 To 100 LF, Deduct	*-1.63*	
		For >100 To 200 LF, Deduct	*-2.28*	
		For >200 LF, Deduct	*-3.88*	
10 26 16 13-0024	LF	4" High, 4-1/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-4)	32.95	3.26
		For >50 To 100 LF, Deduct	*-1.63*	
		For >100 To 200 LF, Deduct	*-2.28*	
		For >200 LF, Deduct	*-4.26*	
10 26 16 13-0025	LF	6" High, 6" Deep, D-Shaped, Rubber Wall Guard (Pawling D-6)	44.98	3.26
		For >50 To 100 LF, Deduct	*-1.63*	
		For >100 To 200 LF, Deduct	*-2.28*	
		For >200 LF, Deduct	*-4.86*	

10 26 16 13-0026 U-Shaped, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0027	LF	3-1/8" High, 3-7/8" Deep, U-Shaped, Rubber Wall Guard (Pawling U-4)	44.96	3.46
		For >50 To 100 LF, Deduct	*-1.73*	
		For >100 To 200 LF, Deduct	*-2.42*	
		For >200 LF, Deduct	*-5.02*	
10 26 16 13-0028	LF	4-1/2" High, 3-1/2" Deep, U-Shaped, Rubber Wall Guard (Pawling U-3)	50.39	3.46
		For >50 To 100 LF, Deduct	*-1.73*	
		For >100 To 200 LF, Deduct	*-2.42*	
		For >200 LF, Deduct	*-5.29*	

10 26 16 13-0029 Rectangular, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0030	LF	8" High, 1-1/2" Deep, Rectangular, Rubber Wall Guard (Pawling E-1)	33.34	3.46
		For >50 To 100 LF, Deduct	*-1.73*	
		For >100 To 200 LF, Deduct	*-2.42*	
		For >200 LF, Deduct	*-4.44*	
10 26 16 13-0031	LF	9" High, 2" Deep, Rectangular, Rubber Wall Guard (Pawling M-2)	39.24	3.66
		For >50 To 100 LF, Deduct	*-1.83*	
		For >100 To 200 LF, Deduct	*-2.57*	
		For >200 LF, Deduct	*-4.89*	

10 26 16 13-0032 Wing Type, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0033	LF	3-7/8" High, 2-1/2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-25)	25.71	2.85
		For >50 To 100 LF, Deduct	*-1.43*	
		For >100 To 200 LF, Deduct	*-2.00*	
		For >200 LF, Deduct	*-3.57*	
10 26 16 13-0034	LF	6" High, 2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-20)	53.42	3.26
		For >50 To 100 LF, Deduct	*-1.63*	
		For >100 To 200 LF, Deduct	*-2.28*	
		For >200 LF, Deduct	*-5.28*	
10 26 16 13-0035	LF	6" High, 3" Deep, Wing Type, Rubber Wall Guard (Pawling WT-30)	56.86	3.26
		For >50 To 100 LF, Deduct	*-1.63*	
		For >100 To 200 LF, Deduct	*-2.28*	
		For >200 LF, Deduct	*-5.45*	

10 26 16 13-0036 Accent Rails *(10 26 16 13)*

Note: Includes end caps.

10 26 16 13-0037 Oval, Rigid Vinyl Accent Rails With Aluminum Retainers *(10 26 16 13-0036)*

10 26 16 13-0038	LF	1-1/8" High, 1-1/16" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EB-25)	11.29	2.85
		For >50 To 100 LF, Deduct	*-1.43*	
		For >100 To 200 LF, Deduct	*-2.00*	
		For >200 LF, Deduct	*-2.85*	
10 26 16 13-0039	LF	2" High, 1-1/8" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EBR-30)	14.23	2.85
		For >50 To 100 LF, Deduct	*-1.43*	
		For >100 To 200 LF, Deduct	*-2.00*	
		For >200 LF, Deduct	*-3.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0040	LF	2" High, 1-3/4" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling WG-22)	17.17	2.85
		For >50 To 100 LF, Deduct	*-1.43*	
		For >100 To 200 LF, Deduct	*-2.00*	
		For >200 LF, Deduct	*-3.14*	

10 26 16 16 Protective Corridor Handrails *(10 26 16)*

10 26 16 16-0001 Protective Corridor Handrails *(10 26 16 16)*

10 26 16 16-0002 Vinyl/Acrylic Protective Corridor Handrails With Aluminum Retainers *(10 26 16 16-0001)*

10 26 16 16-0003	LF	1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-6CN)	18.22	6.11
		For >50 To 100 LF, Deduct	*-3.06*	
		For >100 To 200 LF, Deduct	*-4.28*	
		For >200 LF, Deduct	*-5.80*	
10 26 16 16-0004	EA	End Cap For 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	16.22	6.11
		For >50 To 100 LF, Deduct	*-3.06*	
		For >100 To 200 LF, Deduct	*-4.28*	
		For >200 LF, Deduct	*-5.70*	
10 26 16 16-0005	LF	5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HRB-4C)	24.22	6.11
		For >50 To 100 LF, Deduct	*-3.06*	
		For >100 To 200 LF, Deduct	*-4.28*	
		For >200 LF, Deduct	*-6.10*	
10 26 16 16-0006	EA	End Cap For 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	21.22	6.11
		For >50 To 100 LF, Deduct	*-3.06*	
		For >100 To 200 LF, Deduct	*-4.28*	
		For >200 LF, Deduct	*-5.95*	
10 26 16 16-0007	LF	6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRB-10CN)	25.22	6.11
		For >50 To 100 LF, Deduct	*-3.06*	
		For >100 To 200 LF, Deduct	*-4.28*	
		For >200 LF, Deduct	*-6.15*	
10 26 16 16-0008	EA	End Cap For 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn)	27.22	6.11
		For >50 To 100 LF, Deduct	*-3.06*	
		For >100 To 200 LF, Deduct	*-4.28*	
		For >200 LF, Deduct	*-6.25*	
10 26 16 16-0009	LF	6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-8CN)	31.22	6.11
		For >50 To 100 LF, Deduct	*-3.06*	
		For >100 To 200 LF, Deduct	*-4.28*	
		For >200 LF, Deduct	*-6.45*	
10 26 16 16-0010	EA	End Cap For 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	35.22	6.11
		For >50 To 100 LF, Deduct	*-3.06*	
		For >100 To 200 LF, Deduct	*-4.28*	
		For >200 LF, Deduct	*-6.65*	

10 26 16 16-0011 Stainless Steel Protective Corridor Handrails *(10 26 16 16-0001)*

10 26 16 16-0012	LF	5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn P-RS)	41.22	6.11
		For >50 To 100 LF, Deduct	*-3.06*	
		For >100 To 200 LF, Deduct	*-4.28*	
		For >200 LF, Deduct	*-6.95*	
10 26 16 16-0013	EA	End Cap For 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn)	42.22	6.11
		For >50 To 100 LF, Deduct	*-3.06*	
		For >100 To 200 LF, Deduct	*-4.28*	
		For >200 LF, Deduct	*-7.00*	

10 26 16 16-0014 Wood/Acrylic Protective Corridor Handrails With Aluminum Retainers *(10 26 16 16-0001)*

10 26 16 16-0015	LF	6-1/4" High, Wood/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRBW-10CN)	34.97	6.11
		For >50 To 100 LF, Deduct	*-3.06*	
		For >100 To 200 LF, Deduct	*-4.28*	
		For >200 LF, Deduct	*-6.64*	

10 26 23 Protective Wall Covering *(10 26)*

10 26 23 00-0001 Impact Resistant Wall Protection *(10 26 23)*

Note: Includes standard trim.

10 26 23 00-0002	SF	0.030" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-30)	6.16	2.03
10 26 23 00-0003	SF	0.040" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-40)	6.62	2.03
10 26 23 00-0004	SF	0.060" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-60)	7.86	2.03

10 26 23 00-0005 Interior PVC Soffit System *(10 26 23)*

Note: DecoShield Systems, Inc. Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit.

10 26 23 00-0006 "L" Design *(10 26 23 00-0005)*

10 26 23 00-0007 L-Shield *(10 26 23 00-0006)*

10 26 23 00-0008	LF	2.38" Depth L-Shield Cover, PVC, 1" Shield Size For 3/4" And 1" Pipe	9.35	2.03
10 26 23 00-0009	LF	3" Depth L-Shield Cover, PVC, 1-1/4" Shield Size For 1-1/4" And 1-1/2" Pipe	11.11	2.85
10 26 23 00-0010	LF	3.75" Depth L-Shield Cover, PVC, 2" Shield Size For 2" Pipe	14.54	3.66
10 26 23 00-0011	LF	5.75" Depth L-Shield Cover, PVC, 2-1/2" Shield Size For 2-1/2" Pipe	19.65	4.48

10 26 23 00-0012 "Combo" Hanger *(10 26 23 00-0006)*

10 26 23 00-0013	EA	Combination "Combo" Hanger, L-Support, For 3/4" Pipe	11.37	4.08
10 26 23 00-0014	EA	Combination "Combo" Hanger, L-Support, For 1" Pipe	13.25	4.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 00-0015	EA	Combination "Combo" Hanger, L-Support, For 1-1/4" Pipe	15.33	5.71
10 26 23 00-0016	EA	Combination "Combo" Hanger, L-Support, For 1-1/2" Pipe	17.16	6.52
10 26 23 00-0017	EA	Combination "Combo" Hanger, L-Support, For 2" Pipe	19.24	7.34
10 26 23 00-0018		**Snap-2 Pipe Hanger** *(10 26 23 00-0006)*		
10 26 23 00-0019	EA	Snap-2 Pipe Hanger, L-Support, For 3/4" Pipe	9.82	4.08
10 26 23 00-0020	EA	Snap-2 Pipe Hanger, L-Support, For 1" Pipe	11.90	4.89
10 26 23 00-0021	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/4" Pipe	13.85	5.71
10 26 23 00-0022	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/2" Pipe	16.06	6.52
10 26 23 00-0023	EA	Snap-2 Pipe Hanger, L-Support, For 2" Pipe	18.34	7.34
10 26 23 00-0024		**Coupling** *(10 26 23 00-0006)*		
10 26 23 00-0025	EA	Coupling, L-Shield, 1" Shield Size	6.07	2.03
10 26 23 00-0026	EA	Coupling, L-Shield, 1-1/4" Shield Size	8.73	2.85
10 26 23 00-0027	EA	Coupling, L-Shield, 2" Shield Size	12.29	3.66
10 26 23 00-0028	EA	Coupling, L-Shield, 2-1/2" Shield Size	15.34	4.48
10 26 23 00-0029		**Coupling, Reducer** *(10 26 23 00-0006)*		
10 26 23 00-0030	EA	Coupling, Reducing, L-Shield, 1-1/4" x 1" Shield Size	15.18	2.45
10 26 23 00-0031	EA	Coupling, Reducing, L-Shield, 2" x 1" Shield Size	18.57	2.85
10 26 23 00-0032	EA	Coupling, Reducing, L-Shield, 2" x 1-1/4" Shield Size	21.95	3.26
10 26 23 00-0033	EA	Coupling, Reducing, L-Shield, 2-1/2" x 2" Shield Size	80.69	4.08
10 26 23 00-0034		**Shield Clips** *(10 26 23 00-0006)*		
10 26 23 00-0035	EA	Shield Clips, L-Support, 1" Shield Size	3.67	1.22
10 26 23 00-0036	EA	Shield Clips, L-Support, 1-1/4" Shield Size	5.62	2.03
10 26 23 00-0037	EA	Shield Clips, L-Support, 2" Shield Size	7.51	2.85
10 26 23 00-0038	EA	Shield Clips, L-Support, 2-1/2" Shield Size	8.75	3.66
10 26 23 00-0039		**Wall Flange** *(10 26 23 00-0006)*		
10 26 23 00-0040	EA	Wall Flange, L-Shield, 1" Shield Size	5.94	2.03
10 26 23 00-0041	EA	Wall Flange, L-Shield, 1-1/4" Shield Size	8.48	2.85
10 26 23 00-0042	EA	Wall Flange, L-Shield, 2" Shield Size	12.03	3.66
10 26 23 00-0043	EA	Wall Flange, L-Shield, 2-1/2" Shield Size	43.48	4.48
10 26 23 00-0044		**End Cap** *(10 26 23 00-0006)*		
10 26 23 00-0045	EA	End Cap, L-Shield, 1" Shield Size	5.60	1.22
10 26 23 00-0046	EA	End Cap, L-Shield, 1-1/4" Shield Size	7.68	2.03
10 26 23 00-0047	EA	End Cap, L-Shield, 2" Shield Size	10.66	2.85
10 26 23 00-0048	EA	End Cap, L-Shield, 2-1/2" Shield Size	43.74	3.66
10 26 23 00-0049		**Inside/Outside Corner** *(10 26 23 00-0006)*		
10 26 23 00-0050	EA	Inside/Outside Corner, L-Shield, 1" Shield Size	32.78	4.08
10 26 23 00-0051	EA	Inside/Outside Corner, L-Shield, 1-1/4" Shield Size	35.63	4.89
10 26 23 00-0052	EA	Inside/Outside Corner, L-Shield, 2" Shield Size	43.15	6.11
10 26 23 00-0053	EA	Inside/Outside Corner, L-Shield, 2-1/2" Shield Size	73.51	7.34
10 26 23 00-0054		**Joiner** *(10 26 23 00-0006)*		
10 26 23 00-0055	LF	Joiner, L-Shield	7.02	1.22
10 26 23 00-0056		**"U" Design** *(10 26 23 00-0005)*		
10 26 23 00-0057		**U-Shield** *(10 26 23 00-0056)*		
10 26 23 00-0058	LF	2.25" Depth U-Shield Cover, PVC, 1" Shield Size For 3/4" And 1" Pipe	11.03	2.03
10 26 23 00-0059	LF	2.875" Depth U-Shield Cover, PVC, 1-1/4" Shield Size For 1-1/4" Pipe	13.94	2.85
10 26 23 00-0060	LF	3.68" Depth U-Shield Cover, PVC, 2" Shield Size For 1-1/2" And 2" Pipe	17.82	2.85
10 26 23 00-0061		**"Combo" Hanger** *(10 26 23 00-0056)*		
10 26 23 00-0062	EA	Combination "Combo" Hanger, U-Support For 3/4" Pipe	10.14	4.08
10 26 23 00-0063	EA	Combination "Combo" Hanger, U-Support For 1" Pipe	12.10	4.89
10 26 23 00-0064	EA	Combination "Combo" Hanger, U-Support For 1-1/4" Pipe	13.98	5.71
10 26 23 00-0065	EA	Combination "Combo" Hanger, U-Support For 1-1/2" Pipe	16.96	6.52
10 26 23 00-0066	EA	Combination "Combo" Hanger, U-Support For 2" Pipe	19.17	7.34
10 26 23 00-0067		**Snap-2 Pipe Hanger** *(10 26 23 00-0056)*		
10 26 23 00-0068	EA	Snap-2 Pipe Hanger, U-Support, For 3/4" Pipe	9.69	4.08
10 26 23 00-0069	EA	Snap-2 Pipe Hanger, U-Support, For 1" Pipe	11.77	4.89
10 26 23 00-0070	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/4" Pipe	14.18	5.71
10 26 23 00-0071	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/2" Pipe	15.93	6.52
10 26 23 00-0072	EA	Snap-2 Pipe Hanger, U-Support, For 2" Pipe	18.27	7.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 00-0073		**Coupling** *(10 26 23 00-0056)*		
10 26 23 00-0074	EA	Coupling, U-Shield, 1" Shield Size	6.97	2.03
10 26 23 00-0075	EA	Coupling, U-Shield, 1-1/4" Shield Size	8.93	2.85
10 26 23 00-0076	EA	Coupling, U-Shield, 2" Shield Size	11.01	3.66
10 26 23 00-0077		**Coupling, Reducer** *(10 26 23 00-0056)*		
10 26 23 00-0078	EA	Reducing Coupling, U-Shield, 1-1/4" x 1" Shield Size	17.75	2.45
10 26 23 00-0079	EA	Reducing Coupling, U-Shield, 2" x 1" Shield Size	21.14	2.85
10 26 23 00-0080	EA	Reducing Coupling, U-Shield, 2" x 1-1/4" Shield Size	22.60	3.26
10 26 23 00-0081		**Shield Clips** *(10 26 23 00-0056)*		
10 26 23 00-0082	EA	Shield Clips, U-Support, 1" Shield Size	3.41	1.22
10 26 23 00-0083	EA	Shield Clips, U-Support, 1-1/4" Shield Size	5.17	2.03
10 26 23 00-0084	EA	Shield Clips, U-Support, 2" Shield Size	6.93	2.85
10 26 23 00-0085		**Wall Flange** *(10 26 23 00-0056)*		
10 26 23 00-0086	EA	Wall Flange, U-Shield, 1" Shield Size	6.78	2.03
10 26 23 00-0087	EA	Wall Flange, U-Shield, 1-1/4" Shield Size	8.86	2.85
10 26 23 00-0088	EA	Wall Flange, U-Shield, 2" Shield Size	10.94	3.66
10 26 23 00-0089		**End Cap** *(10 26 23 00-0056)*		
10 26 23 00-0090	EA	End Cap, U-Shield, 1" Shield Size	5.92	1.22
10 26 23 00-0091	EA	End Cap, U-Shield, 1-1/4" Shield Size	8.20	2.03
10 26 23 00-0092	EA	End Cap, U-Shield, 2" Shield Size	10.40	2.85
10 26 23 00-0093		**Inside/Outside Corner** *(10 26 23 00-0056)*		
10 26 23 00-0094	EA	Inside/Outside Corner, U-Shield, 1" Shield Size	40.56	4.08
10 26 23 00-0095	EA	Inside/Outside Corner, U-Shield, 1-1/4" Shield Size	45.34	4.89
10 26 23 00-0096	EA	Inside/Outside Corner, U-Shield, 2" Shield Size	53.83	6.11
10 26 23 00-0097		**Elbow** *(10 26 23 00-0056)*		
10 26 23 00-0098	EA	Elbow, U-Shield, 1" Shield Size	39.85	4.08
10 26 23 00-0099	EA	Elbow, U-Shield, 1-1/4" Shield Size	44.06	4.89
10 26 23 00-0100	EA	Elbow, U-Shield, 2" Shield Size	52.61	6.11
10 26 23 00-0101		**Tee** *(10 26 23 00-0056)*		
10 26 23 00-0102	EA	Tee, U-Shield, 1" x 1" x 1" Shield Size	51.00	6.11
10 26 23 00-0103	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1-1/4" Shield Size	57.05	7.34
10 26 23 00-0104	EA	Tee, U-Shield, 2" x 2" x 2" Shield Size	66.87	8.97
10 26 23 00-0105	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1" Shield Size	66.58	6.93
10 26 23 00-0106	EA	Tee, U-Shield, 2" x 2" x 1-1/4" Shield Size	72.48	8.56
10 26 23 00-0107		**Cross** *(10 26 23 00-0056)*		
10 26 23 00-0108	EA	Cross, U-Shield, 1" Shield Size	90.58	8.15
10 26 23 00-0109	EA	Cross, U-Shield, 1-1/4" Shield Size	101.88	9.78
10 26 23 00-0110	EA	Cross, U-Shield, 2" Shield Size	124.00	12.22
10 26 23 00-0111	EA	Cross, U-Shield, 1-1/4" x 1" Shield Size	122.88	8.97
10 26 23 00-0112	EA	Cross, U-Shield, 2" x 1-1/4" Shield Size	135.83	11.00
10 26 23 00-0113		**Transition Fittings (L to U Or U to L)** *(10 26 23 00-0005)*		
10 26 23 00-0114		**Coupling Transition** *(10 26 23 00-0113)*		
10 26 23 00-0115	EA	Transition Coupling, 1" x 1", LxU or UxL	15.78	2.03
10 26 23 00-0116	EA	Transition Coupling, 1-1/4" x 1-1/4", LxU or UxL	18.19	2.85
10 26 23 00-0117	EA	Transition Coupling, 2" x 2", LxU or UxL	22.71	3.66
10 26 23 00-0118	EA	Transition Coupling, 1" x 1-1/4", LxU or UxL	17.94	2.45
10 26 23 00-0119	EA	Transition Coupling, 1-1/4" x 2", LxU or UxL	22.47	3.26
10 26 23 00-0120	EA	Transition Coupling, 2" x 2-1/2", LxU or UxL	84.36	4.08
10 26 23 00-0121		**Elbow Transition** *(10 26 23 00-0113)*		
10 26 23 00-0122	EA	Transition Elbow, 1" x 1" (UxL)	52.78	4.08
10 26 23 00-0123	EA	Transition Elbow, 1-1/4" x 1-1/4" (UxL)	57.50	4.89
10 26 23 00-0124	EA	Transition Elbow, 2" x 2" (UxL)	67.66	6.11
10 26 23 00-0125	EA	Transition Elbow, 1" x 1-1/4" (UxL)	81.00	4.48
10 26 23 00-0126	EA	Transition Elbow, 1-1/4" x 1" (UxL)	58.10	4.48
10 26 23 00-0127	EA	Transition Elbow, 1-1/4" x 2" (UxL)	86.14	5.71
10 26 23 00-0128	EA	Transition Elbow, 2" x 1-1/4" (UxL)	67.55	5.71
10 26 23 00-0129	EA	Transition Elbow, 2" x 2-1/2" (UxL)	103.33	6.52
10 26 23 00-0130		**Tee Transition** *(10 26 23 00-0113)*		
10 26 23 00-0131	EA	Transition Tee, 1" x 1" x 1" (LxLxU)	61.35	6.11
10 26 23 00-0132	EA	Transition Tee, 1-1/4" x 1-1/4" x 1-1/4" (LxLxU)	71.13	7.34

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 00-0133	EA	Transition Tee, 2" x 2" x 2" (LxLxU)	83.01	8.97
10 26 23 00-0134	EA	Transition Tee, 1-1/4" x 1-1/4" x 1" (LxLxU)	65.11	6.93
10 26 23 00-0135	EA	Transition Tee, 1-1/4" x 1-1/4" x 2" (LxLxU)	100.37	7.74
10 26 23 00-0136	EA	Transition Tee, 2" x 2" x 1-1/4" (LxLxU)	73.06	8.56
10 26 23 00-0137	EA	Transition Tee, 2-1/2" x 2-1/2" x 2" (LxLxU)	98.83	10.19
10 26 23 00-0138		Fittings (L Or U) *(10 26 23 00-0005)*		
10 26 23 00-0139		Hugger Hangers For Steel Pipe *(10 26 23 00-0138)*		
10 26 23 00-0140	EA	Hugger Hanger, For 1/2" Steel Pipe	7.87	3.26
10 26 23 00-0141	EA	Hugger Hanger, For 3/4" Steel Pipe	9.82	4.08
10 26 23 00-0142	EA	Hugger Hanger, For 1" Steel Pipe	11.58	4.89
10 26 23 00-0143	EA	Hugger Hanger, For 1-1/4" Steel Pipe	13.40	5.71
10 26 23 00-0144	EA	Hugger Hanger, For 1-1/2" Steel Pipe	15.16	6.52
10 26 23 00-0145	EA	Hugger Hanger, For 2" Steel Pipe	17.05	6.52
10 26 23 00-0146	EA	Hugger Hanger, For 2-1/2" Steel Pipe	18.81	8.15
10 26 23 00-0147	EA	Hugger Hanger, For 3" Steel Pipe	22.82	8.97
10 26 23 00-0148		Hugger Hangers For Copper Pipe *(10 26 23 00-0138)*		
10 26 23 00-0149	EA	Hugger Hanger, For 1/2" Copper Pipe	7.93	3.26
10 26 23 00-0150	EA	Hugger Hanger, For 3/4" Copper Pipe	9.89	4.08
10 26 23 00-0151	EA	Hugger Hanger, For 1" Copper Pipe	11.64	4.89
10 26 23 00-0152	EA	Hugger Hanger, For 1-1/4" Copper Pipe	13.47	5.71
10 26 23 00-0153	EA	Hugger Hanger, For 1-1/2" Copper Pipe	15.23	6.52
10 26 23 00-0154	EA	Hugger Hanger, For 2" Copper Pipe	17.18	7.34
10 26 23 00-0155	EA	Hugger Hanger, For 2-1/2" Copper Pipe	18.94	8.15
10 26 23 00-0156	EA	Hugger Hanger, For 3" Copper Pipe	23.01	8.97
10 26 23 00-0157		Shield Extension (L Or U) *(10 26 23 00-0138)*		
10 26 23 00-0158	LF	Shield Extension	8.37	1.22
10 26 23 00-0159		Interior Steel Soffit System *(10 26 23)*		
		Note: Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit. Includes factory painted finish and field touch-up.		
10 26 23 00-0160	SF	24 Gauge Steel, U-Shield (JG Innovations Soffi-Steel)	16.68	3.66
		For 22 Gauge Steel, Add	*0.93*	
		For 20 Gauge Steel, Add	*2.00*	
		For 18 Gauge Steel, Add	*3.92*	
		For 16 Gauge Steel, Add	*6.02*	
		For Stainless Steel, Add	*2.34*	
10 26 23 00-0161	EA	U-Shield Wall Flange (JG Innovations Soffi-Steel)	28.88	10.19
		For Stainless Steel, Add	*2.13*	
10 26 23 00-0162	EA	U-Shield Corner (JG Innovations Soffi-Steel)	64.99	12.22
		For Stainless Steel, Add	*9.93*	
10 26 23 00-0163	EA	U-Shield End Cap (JG Innovations Soffi-Steel)	21.30	6.11
		For Stainless Steel, Add	*2.27*	
10 26 23 00-0164	EA	U-Shield Clip (JG Innovations Soffi-Steel)	5.25	2.45
		For Stainless Steel, Add	*0.09*	
10 26 23 00-0165	SF	24 Gauge Steel, L-Shield (JG Innovations Soffi-Steel)	18.67	3.66
		For 22 Gauge Steel, Add	*0.85*	
		For 20 Gauge Steel, Add	*1.81*	
		For 18 Gauge Steel, Add	*3.51*	
		For 16 Gauge Steel, Add	*5.89*	
		For Stainless Steel, Add	*2.83*	
10 26 23 00-0166	EA	L-Shield Wall Flange (JG Innovations Soffi-Steel)	28.88	10.19
		For Stainless Steel, Add	*2.13*	
10 26 23 00-0167	EA	L-Shield Corner (JG Innovations Soffi-Steel)	64.99	12.22
		For Stainless Steel, Add	*9.93*	
10 26 23 00-0168	EA	L-Shield End Cap (JG Innovations Soffi-Steel)	18.05	4.48
		For Stainless Steel, Add	*2.27*	
10 26 23 00-0169	EA	L-Shield Clip (JG Innovations Soffi-Steel)	5.25	2.45
		For Stainless Steel, Add	*0.09*	

10 28 Toilet, Bath, And Laundry Accessories *(10 20)*

10 28 13 Toilet Accessories *(10 28)*

10 28 13 13 Commercial Toilet Accessories *(10 28 13)*

10 28 13 13-0001		Toilet Accessories *(10 28 13 13)*		
10 28 13 13-0002		Dispensers *(10 28 13 13-0001)*		
10 28 13 13-0003		Paper Towel Dispensers *(10 28 13 13-0002)*		
10 28 13 13-0004		Stainless Steel Paper Towel Dispensers *(10 28 13 13-0003)*		
10 28 13 13-0005	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-262)	72.73	18.33
10 28 13 13-0006	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2620)	77.65	18.33
10 28 13 13-0007	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2621)	77.85	18.33
10 28 13 13-0008	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-263)	118.24	18.33
10 28 13 13-0009	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-359)	126.81	18.33
10 28 13 13-0010	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Contura B-4262)	129.31	18.33
10 28 13 13-0011	EA	Countertop Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick TrimLine B-526)	179.05	8.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0012	EA	Concealed Cabinet, Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-318)	228.69	18.33
10 28 13 13-0013	EA	Touch Free, Surface Mounted, Stainless Steel Roll Paper Towel Dispenser (Bobrick B-2860)	272.81	18.33
10 28 13 13-0014	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Contura B-4362)	322.17	18.33
10 28 13 13-0015	EA	Semi-Recessed Mounted, Stainless Steel Roll Paper Towel Dispenser (Bobrick Classic B-38616)	726.58	18.33
10 28 13 13-0016		**Plastic Paper Towel Dispensers** *(10 28 13 13-0003)*		
10 28 13 13-0017	EA	Surface Mounted, ABS Plastic Folded Paper Towel Dispenser (Bobrick Matrix B-5262)	56.74	18.33
10 28 13 13-0018	EA	Surface Mounted, ABS Plastic Roll Paper Towel Dispenser (Bobrick Matrix B-52860)	107.99	18.33
10 28 13 13-0019	EA	Surface Mounted, Translucent Cover, ABS Plastic Roll Paper Towel Dispenser (Bobrick B-72860)	121.52	18.33
10 28 13 13-0020		**Aluminum Paper Towel Dispensers** *(10 28 13 13-0003)*		
10 28 13 13-0021	EA	Surface Mounted, Heavy-Duty Aluminum Casting Roll Paper Towel Dispenser (Bobrick B-253)	61.04	18.33
10 28 13 13-0022		**Toilet Tissue Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0023		**Plastic Toilet Tissue Dispensers** *(10 28 13 13-0022)*		
10 28 13 13-0024	EA	Two Roll, Surface Mounted, ABS Plastic Toilet Tissue Dispenser (Bobrick B-5288)	56.74	18.33
10 28 13 13-0025	EA	Single Jumbo Roll, Surface Mounted, ABS Plastic Toilet Tissue Dispenser (Bobrick B-52891)	59.40	18.33
10 28 13 13-0026	EA	Two Jumbo Roll, Surface Mounted, ABS Plastic Toilet Tissue Dispenser (Georgia Pacific 58250)	90.08	18.33
10 28 13 13-0027		**Cast Aluminum Toilet Tissue Dispensers** *(10 28 13 13-0022)*		
10 28 13 13-0028	EA	Single Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2730)	52.02	18.33
10 28 13 13-0029	EA	Single Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-273)	52.23	18.33
10 28 13 13-0030	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2740)	56.33	18.33
10 28 13 13-0031	EA	Two Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-274)	59.20	18.33
10 28 13 13-0032	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-27460)	74.78	18.33
10 28 13 13-0033		**Stainless Steel Toilet Tissue Dispensers** *(10 28 13 13-0022)*		
10 28 13 13-0034	EA	Single Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-264)	45.46	18.33
10 28 13 13-0035	EA	Single Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-663)	69.04	18.33
10 28 13 13-0036	EA	Single Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2890)	73.75	18.33
10 28 13 13-0037	EA	Single Fold/Double Fold, Surface Mounted, Stainless Steel Toilet Tissue Cabinet (Bobrick B-272)	79.29	18.33
10 28 13 13-0038	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-265)	52.23	18.33
10 28 13 13-0039	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-2888)	84.82	18.33
10 28 13 13-0040	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-3888)	119.02	18.33
10 28 13 13-0041	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4288)	123.98	18.33
10 28 13 13-0042	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4388)	157.97	18.33
10 28 13 13-0043	EA	Two Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2892)	169.69	18.33
10 28 13 13-0044	EA	Four Roll, Partition Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-386) Note: Mounts centered through toilet partitions.	245.45	18.33
10 28 13 13-0045	EA	Stainless Steel Shelf And Double Roll Toilet Tissue Dispenser (Bobrick B-2840)	94.25	18.33
10 28 13 13-0046		**Soap Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0047	EA	20 Fluid Ounce, 4" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-8221)	66.78	18.33
		For 34 Fluid Ounce (B-822), Add	*4.08*	
10 28 13 13-0048	EA	20 Fluid Ounce, 6" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-82216)	71.70	18.33
		For 34 Fluid Ounce (B-822), Add	*4.08*	
10 28 13 13-0049	EA	24 Fluid Ounce, Surface Mounted, Translucent Polyethylene Soap Dispenser (Bobrick B-156)	46.28	18.33
10 28 13 13-0050	EA	24 Fluid Ounce, Surface Mounted, Chrome-Plated, Translucent Polyethylene Soap Dispenser (Bobrick B-155)	49.36	18.33
10 28 13 13-0051	EA	32 Ounce. Surface Mounted, Stainless Steel Powdered Soap Dispenser (Bobrick B-132)	84.41	18.33
10 28 13 13-0052	EA	40 Fluid Ounce, Concealed Surface Mounted, Translucent Soap Dispenser (Bobrick B-40)	61.00	18.33
10 28 13 13-0053	EA	40 Fluid Ounce, Surface Mounted, Translucent Plastic Soap Dispenser (Bobrick Classic B-42)	63.05	18.33
10 28 13 13-0054	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Classic B-2111/2112)	66.78	18.33
10 28 13 13-0055	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4112)	83.18	18.33
10 28 13 13-0056	EA	45 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick B-306)	137.47	18.33
10 28 13 13-0057	EA	50 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4063)	219.67	18.33
10 28 13 13-0058	EA	80 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser And Shelf (Bobrick Classic B-2014)	168.83	18.33
10 28 13 13-0059	EA	800 ml, Lavatory Mounted, Chrome Plated Automatic Soap Dispenser (Bobrick B-826.18) Note: Includes start-up kit.	163.30	18.33
10 28 13 13-0060		**Facial Tissue Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0061	EA	Surface Mounted, Stainless Steel Facial Tissue Dispenser (Bobrick B-8397)	78.67	18.33
10 28 13 13-0062	EA	Recessed Mounted, Stainless Steel Facial Tissue Dispenser (Bobrick B-355)	76.38	18.33
10 28 13 13-0063		**Sanitary Toilet Seat Cover Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0064	EA	Surface Mounted, ABS Plastic Sanitary Seat-Cover Dispenser (Bobrick Matrix B-5221)	46.69	18.33
10 28 13 13-0065	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-221)	61.25	18.33
10 28 13 13-0066	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Contura B-4221)	103.68	18.33
10 28 13 13-0067	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-301)	105.08	18.33
10 28 13 13-0068	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick TrimLine B-3013)	195.89	18.33
10 28 13 13-0069		**Sanitary Napkin/Tampon Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0070	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick TrimLine B-2800)	440.29	18.33

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10 28 13 13-0071	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick Classic B-282 25)	348.24	18.33
10 28 13 13-0072	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick Classic B-352 25)	354.35	18.33
10 28 13 13-0073	EA	Recessed Mounted, Single Coin Operation, Stainless Steel, Sanitary Napkin/Tampon Vendor (Bobrick TrimLine B-3500 25)	408.06	18.33
10 28 13 13-0074		Toilet Compartment Combination Dispenser/Disposals *(10 28 13 13-0002)*		
10 28 13 13-0075	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-3474)	331.57	40.73
10 28 13 13-0076	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3574)	384.86	40.73
10 28 13 13-0077	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-347)	395.52	40.73
10 28 13 13-0078	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-357)	456.82	40.73
10 28 13 13-0079		Receptacles *(10 28 13 13-0001)*		
10 28 13 13-0080		Wall Mounted Waste Receptacles *(10 28 13 13-0079)*		
10 28 13 13-0081	EA	1-1/2 Gallon, Surface Mounted, Stainless Steel Facial Tissue Waste Receptacle (Bobrick B-261)	101.85	18.33
10 28 13 13-0082	EA	6.4 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-279)	108.40	18.33
10 28 13 13-0083	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Classic B-3644)	251.21	40.73
10 28 13 13-0084	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Contura B-43644)	354.11	40.73
10 28 13 13-0085	EA	20 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-275)	287.08	40.73
10 28 13 13-0086		Floor-Standing/Counter Waste Receptacles *(10 28 13 13-0079)*		
10 28 13 13-0087	EA	Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-529)	111.47	18.33
10 28 13 13-0088	EA	13 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2260)	200.78	8.15
10 28 13 13-0089	EA	13 Gallon, Swing-Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2250)	302.25	8.15
10 28 13 13-0090	EA	21 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2280)	272.53	8.15
10 28 13 13-0091		Combination Paper Towel Dispenser/ Waste Receptacle *(10 28 13 13-0079)*		
10 28 13 13-0092	EA	2 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-369)	203.44	40.73
10 28 13 13-0093	EA	2.6 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Contura B-4369)	330.13	40.73
10 28 13 13-0094	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3944)	327.67	40.73
10 28 13 13-0095	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3900)	424.84	40.73
10 28 13 13-0096	EA	12 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3909)	576.95	40.73
10 28 13 13-0097	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Roll Towel Dispenser / Waste Receptacle (Bobrick Classic B-3961)	544.76	40.73
10 28 13 13-0098	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Roll Towel Dispenser / Waste Receptacle (Bobrick Classic B-39619)	676.98	40.73
10 28 13 13-0099	EA	16 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Contura B-43944)	603.33	44.81
10 28 13 13-0100	EA	18 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3947)	424.37	44.81
10 28 13 13-0101		Sanitary Napkin/Tampon Receptacles *(10 28 13 13-0079)*		
10 28 13 13-0102	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Contura B-270)	63.07	20.36
10 28 13 13-0103	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-254)	117.19	20.36
10 28 13 13-0104	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-353)	127.24	20.36
10 28 13 13-0105	EA	Partition Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-354)	157.99	20.36
10 28 13 13-0106	EA	Partition Mounted, Stainless Steel Sanitary Napkin Disposal (Bobrick Contura B-4354)	268.07	20.36
10 28 13 13-0107		Grab Bars *(10 28 13 13-0001)*		
10 28 13 13-0108		1-1/4" Diameter, Stainless Steel Grab Bars *(10 28 13 13-0107)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0109	EA	12" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x12)	70.13	16.29
		For Peened Grip, Add	*3.74*	
10 28 13 13-0110	EA	18" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x18)	70.13	16.29
		For Peened Grip, Add	*3.74*	
10 28 13 13-0111	EA	24" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x24)	70.34	16.29
		For Peened Grip, Add	*3.76*	
10 28 13 13-0112	EA	30" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x30)	71.77	16.29
		For Peened Grip, Add	*3.89*	
10 28 13 13-0113	EA	36" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x36)	71.98	16.29
		For Peened Grip, Add	*3.91*	
10 28 13 13-0114	EA	42" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x42)	74.03	16.29
		For Peened Grip, Add	*4.10*	
10 28 13 13-0115	EA	48" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x48)	76.49	16.29
		For Peened Grip, Add	*4.32*	
10 28 13 13-0116		1-1/4" Diameter, Two Wall, Stainless Steel Grab Bars *(10 28 13 13-0107)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0117	EA	24" x 36", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-58616)	129.55	16.29
		For Peened Grip, Add	*8.73*	
10 28 13 13-0118	EA	36" x 54", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5837)	132.01	16.29
		For Peened Grip, Add	*8.95*	

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10 28 13 13-0119		**1-1/2" Diameter, Stainless Steel Grab Bars** *(10 28 13 13-0107)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0120	EA	12" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x12)	70.54	16.29
		For Peened Grip, Add	*3.78*	
10 28 13 13-0121	EA	18" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x18)	70.54	16.29
		For Peened Grip, Add	*3.78*	
10 28 13 13-0122	EA	24" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x24)	71.98	16.29
		For Peened Grip, Add	*3.91*	
10 28 13 13-0123	EA	30" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x30)	72.80	16.29
		For Peened Grip, Add	*3.99*	
10 28 13 13-0124	EA	36" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x36)	74.44	16.29
		For Peened Grip, Add	*4.13*	
10 28 13 13-0125	EA	42" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x42)	76.08	16.29
		For Peened Grip, Add	*4.28*	
10 28 13 13-0126	EA	48" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x48)	79.56	16.29
		For Peened Grip, Add	*4.59*	
10 28 13 13-0127		**1-1/2" Diameter, Two Wall, Stainless Steel Grab Bars** *(10 28 13 13-0107)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0128	EA	16" x 31", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6861)	93.53	16.29
		For Peened Grip, Add	*5.48*	
10 28 13 13-0129	EA	24" x 36", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68616)	132.22	16.29
		For Peened Grip, Add	*8.97*	
10 28 13 13-0130	EA	36" x 54", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68137)	133.65	16.29
		For Peened Grip, Add	*9.10*	
10 28 13 13-0131		**1-1/4" Diameter, Stainless Steel Swing Up Grab Bars** *(10 28 13 13-0107)*		
		Note: Includes satin finish.		
10 28 13 13-0132	EA	29" Length, 1-1/4" Diameter, Stainless Steel Swing Up Grab Bar (Bobrick B-4998)	276.16	16.29
		For Peened Grip, Add	*22.29*	
10 28 13 13-0133		**Shelves** *(10 28 13 13-0001)*		
10 28 13 13-0134	EA	5" Width x 16" Length, Stainless Steel Shelf (Bobrick B-295)	79.49	18.33
10 28 13 13-0135	EA	5" Width x 18" Length, Stainless Steel Shelf (Bobrick B-295)	81.34	18.33
10 28 13 13-0136	EA	5" Width x 24" Length, Stainless Steel Shelf (Bobrick B-295)	90.56	18.33
10 28 13 13-0137	EA	5" Width x 36" Length, Stainless Steel Shelf (Bobrick B-295)	111.27	18.33
10 28 13 13-0138	EA	6" Width x 18" Length, Stainless Steel Shelf (Bobrick B-296)	90.56	18.33
10 28 13 13-0139	EA	6" Width x 24" Length, Stainless Steel Shelf (Bobrick B-296)	101.63	18.33
10 28 13 13-0140	EA	8" Width x 18" Length, Stainless Steel Shelf (Bobrick B-298)	96.30	18.33
10 28 13 13-0141	EA	8" Width x 24" Length, Stainless Steel Shelf (Bobrick B-298)	104.30	18.33
10 28 13 13-0142	EA	8" Width x 36" Length, Stainless Steel Shelf (Bobrick B-298)	131.97	18.33
10 28 13 13-0143	EA	6-1/4" Width x 24" Length, Stainless Steel Towel Shelf With Towel Bar (Bobrick B-7676)	78.06	18.33
10 28 13 13-0144	EA	5-3/4" Width x 14-1/2" Length, Folding Stainless Steel Utility Shelf (Bobrick B-287)	95.69	18.33
10 28 13 13-0145	EA	4-3/4" Width x 24" Length, Stainless Steel Toiletry Shelf (Bobrick B-683)	97.53	18.33
10 28 13 13-0146	EA	12" Width x 24" Length, Stainless Steel Shelf (Bradley 7512-24)	169.98	18.33
10 28 13 13-0147	EA	12" Width x 30" Length, Stainless Steel Shelf (Bradley 7512-30)	181.63	18.33
10 28 13 13-0148	EA	12" Width x 36" Length, Stainless Steel Shelf (Bradley 7512-36)	199.61	18.33
10 28 13 13-0149	EA	12" Width x 48" Length, Stainless Steel Shelf (Bradley 7512-48)	248.53	18.33
10 28 13 13-0150	EA	12" Width x 60" Length, Stainless Steel Shelf (Bradley 7512-60)	337.65	18.33
10 28 13 13-0151	EA	4-1/4" Width x 16-1/2" Length x 6-1/2" Height, Recessed Stainless Steel Shelf (American Specialties 0412)	143.53	18.33
10 28 13 13-0152		**Changing Stations** *(10 28 13 13-0001)*		
10 28 13 13-0153	EA	Horizontal, Wall-Mounted, Polyethylene Child Protection Seat (Bobrick Koala Care KB102-00)	158.96	24.44
10 28 13 13-0154	EA	Horizontal, Wall-Mounted, Polyethylene Baby Changing Station (Bobrick Koala Care KB100-00)	348.37	24.44
10 28 13 13-0155	EA	Vertical, Wall-Mounted, Polyethylene Baby Changing Station (Bobrick Koala Care KB101-00)	348.37	24.44
10 28 13 13-0156	EA	Horizontal, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-00-SSRE)	1,450.57	24.44
10 28 13 13-0157	EA	Horizontal, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-00-SSWM)	1,696.84	24.44
10 28 13 13-0158		**Folding Shower Seats** *(10 28 13 13-0001)*		
10 28 13 13-0159	EA	33" Width, Wall-Mounted, Reversible Stainless Steel Folding Shower Seat (Bobrick B-5181)	372.30	32.59
10 28 13 13-0160	EA	33" Width, Wall-Mounted, Foam Padded, Naugahyde Folding Shower Seat (Bobrick B-517/518)	466.59	32.59
10 28 13 13-0161	EA	30" Width, Wall-Mounted, Teakwood Folding Shower Seat	506.72	32.59
10 28 13 13-0162		**Soap/Dish Holders** *(10 28 13 13-0001)*		
10 28 13 13-0163	EA	Surface Mounted, Stainless Steel Toothbrush and Tumbler Holder (Bobrick B-7679)	44.44	18.33
10 28 13 13-0164	EA	Surface Mounted, Stainless Steel Soap Dish (Bobrick B-7680)	44.85	18.33
10 28 13 13-0165	EA	Recessed Mounted, Stainless Steel Soap Dish (Bobrick B-4380)	78.02	18.33
10 28 13 13-0166	EA	Recessed Mounted, Stainless Steel Soap Dish And Bar (Bobrick B-4390)	84.37	18.33
10 28 13 13-0167		**Shower Curtains/Curtain Rods** *(10 28 13 13-0001)*		
10 28 13 13-0168	EA	Stainless Steel Shower Curtain Hook (Bobrick B-204-1)	2.04	0.81
10 28 13 13-0169	EA	42" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-2)	37.81	8.15
		Note: Requires 7 curtain hooks.		
10 28 13 13-0170	EA	70" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-3)	40.07	8.15
		Note: Requires 12 curtain hooks.		
10 28 13 13-0171	EA	36" Length, 20 Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	60.22	18.33

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10 28 13 13-0172	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	63.91	18.33
10 28 13 13-0173	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	68.42	18.33
10 28 13 13-0174	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	72.93	18.33
10 28 13 13-0175	EA	36" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107)	55.10	18.33
10 28 13 13-0176	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107)	58.99	18.33
10 28 13 13-0177	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107)	61.66	18.33
10 28 13 13-0178	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107)	65.76	18.33
10 28 13 13-0179	EA	36" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	56.12	18.33
10 28 13 13-0180	EA	48" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	60.02	18.33
10 28 13 13-0181	EA	60" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	64.32	18.33
10 28 13 13-0182	EA	72" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	68.01	18.33
10 28 13 13-0183		**Hand Dryers** *(10 28 13 13-0001)*		
10 28 13 13-0184	EA	Surface Mounted, Automatic Sensor, One Piece Plastic Cover Hand Dryer (Bobrick CompacDryer B-710)	455.81	101.84
10 28 13 13-0185	EA	Surface Mounted, Automatic Sensor, Cast Aluminum Cover Hand Dryer (Bobrick AirPro B-709)	580.85	101.84
10 28 13 13-0186	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick Air Guard B-708)	635.18	101.84
10 28 13 13-0187	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hair Dryer (Bobrick AirCraft B-731)	810.65	101.84
10 28 13 13-0188	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick AirCraft B-750)	886.91	101.84
10 28 13 13-0189	EA	Recessed Mounted, Automatic Sensor, Color Cast-Iron Cover Hand Dryer (Bobrick AirCraft B-7507)	982.85	101.84
10 28 13 13-0190	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand Dryer (World Dryer Model A)	624.19	101.84
10 28 13 13-0191	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (World Dryer Model A)	684.63	101.84
10 28 13 13-0192	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60)	639.62	101.84
10 28 13 13-0193	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60T)	658.91	101.84
10 28 13 13-0194	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60TR)	679.48	101.84
10 28 13 13-0195	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Excel Xlerator XL-GR)	764.83	101.84
10 28 13 13-0196		**Additional Accessories** *(10 28 13 13-0001)*		
10 28 13 13-0197		**Hooks** *(10 28 13 13-0196)*		
10 28 13 13-0198	EA	Stainless Steel Clothes Hook And Bumper (Bobrick B-212)	21.62	8.15
10 28 13 13-0199	EA	Single Stainless Steel Robe Hook (Bobrick B-7671)	22.04	8.15
10 28 13 13-0200	EA	Double Stainless Steel Robe Hook (Bobrick B-7672)	23.46	8.15
10 28 13 13-0201		**Clotheslines** *(10 28 13 13-0196)*		
10 28 13 13-0202	EA	Surface Mounted, Stainless Steel Retractable Clothesline (Bobrick B-7636)	43.07	16.29
10 28 13 13-0203		**Towel Bars** *(10 28 13 13-0196)*		
10 28 13 13-0204	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-7673)	54.28	18.33
10 28 13 13-0205	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-7673)	56.53	18.33
10 28 13 13-0206	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-7674)	52.23	18.33
10 28 13 13-0207	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-7674)	52.84	18.33
10 28 13 13-0208	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	73.75	18.33
10 28 13 13-0209	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	76.62	18.33
10 28 13 13-0210	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	75.80	18.33
10 28 13 13-0211	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	78.26	18.33
10 28 13 13-0212	EA	18" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	78.67	18.33
10 28 13 13-0213	EA	24" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	80.93	18.33
10 28 13 13-0214	EA	18" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	64.73	18.33
10 28 13 13-0215	EA	24" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	67.19	18.33
10 28 13 13-0216		**Towel Bar With Shelf** *(10 28 13 13-0196)*		
10 28 13 13-0217	EA	24" Length, Stainless Steel Towel Shelf With Towel Bar (Bobrick B-676)	137.51	18.33
10 28 13 13-0218		**Towel Pins** *(10 28 13 13-0196)*		
10 28 13 13-0219	EA	Stainless Steel Towel Pin (Bobrick B-677)	36.48	8.15
10 28 13 13-0220		**Mirrors** *(10 28 13 13)*		
10 28 13 13-0221		**Stainless Steel Channel Frame Glass Mirrors** *(10 28 13 13-0220)*		
10 28 13 13-0222	EA	16" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1624)	92.73	20.36
10 28 13 13-0223	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1824)	92.73	20.36
10 28 13 13-0224	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1830)	96.42	20.36
		For Tempered Glass (B-1658), Add	*30.42*	
10 28 13 13-0225	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1836)	104.21	20.36
		For Tempered Glass (B-1658), Add	*35.88*	
10 28 13 13-0226	EA	24" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2430)	113.84	20.36
10 28 13 13-0227	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2436)	117.74	20.36
		For Tempered Glass (B-1658), Add	*45.35*	
10 28 13 13-0228	EA	24" x 48", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2448)	144.39	20.36
10 28 13 13-0229	EA	24" x 60", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2460)	165.91	20.36
10 28 13 13-0230	EA	36" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 3636)	187.44	20.36
10 28 13 13-0231	EA	48" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 4836)	230.69	20.36
10 28 13 13-0232	EA	60" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 6036)	267.39	20.36
10 28 13 13-0233		**Stainless Steel Channel Frame Glass Mirror/Shelf Combination** *(10 28 13 13-0220)*		
10 28 13 13-0234	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1824)	140.08	20.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0235	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-1661830)	150.33	20.36
10 28 13 13-0236	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-1661836)	157.30	20.36
10 28 13 13-0237	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-1662436)	176.16	20.36
10 28 13 13-0238		**Stainless Steel Angle Frame Glass Mirrors** *(10 28 13 13-0220)*		
10 28 13 13-0239	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1824)	126.96	20.36
10 28 13 13-0240	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1830)	134.34	20.36
		For Tempered Glass (B-2908), Add	*53.71*	
10 28 13 13-0241	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1836)	143.57	20.36
		For Tempered Glass (B-2908), Add	*59.80*	
10 28 13 13-0242	EA	24" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2430)	159.76	20.36
10 28 13 13-0243	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2436)	160.58	20.36
		For Tempered Glass (B-2908), Add	*71.03*	
10 28 13 13-0244	EA	24" x 48", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2448)	209.78	20.36
10 28 13 13-0245	EA	24" x 60", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2460)	244.84	20.36
10 28 13 13-0246	EA	24" x 72", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2472)	280.85	20.36
10 28 13 13-0247	EA	36" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 3636)	231.51	20.36
10 28 13 13-0248	EA	48" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 4836)	274.97	20.36
10 28 13 13-0249	EA	72" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 7236)	370.29	20.36
10 28 13 13-0250		**Stainless Steel Angle Frame Glass Mirror/Shelf Combination** *(10 28 13 13-0220)*		
10 28 13 13-0251	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1824)	228.64	20.36
10 28 13 13-0252	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1830)	239.30	20.36
10 28 13 13-0253	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1836)	250.58	20.36
10 28 13 13-0254	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-2436)	278.05	20.36
10 28 13 13-0255		**Frameless Stainless Steel Mirrors** *(10 28 13 13-0220)*		
10 28 13 13-0256	EA	15-1/2" x 19-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1620)	109.74	20.36
10 28 13 13-0257	EA	15-1/2" x 23-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1624)	121.84	20.36
10 28 13 13-0258	EA	17-1/2" x 29-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1830)	141.31	20.36
10 28 13 13-0259	EA	23-1/2" x 35-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 2436)	180.47	20.36
10 28 13 13-0260		**Fixed-Position Tilt, Stainless Steel Frame Glass Mirrors** *(10 28 13 13-0220)*		
10 28 13 13-0261	EA	16" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1630)	186.00	20.36
10 28 13 13-0262	EA	18" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1830)	195.64	20.36
10 28 13 13-0263	EA	18" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1836)	233.36	20.36
10 28 13 13-0264	EA	24" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 2436)	284.81	20.36
10 28 13 13-0265		**Medicine Cabinets** *(10 28 13 13)*		
10 28 13 13-0266		**Metal Medicine Cabinets** *(10 28 13 13-0265)*		
10 28 13 13-0267	EA	20" x 26", Surface Mounted, Aluminum Medicine Cabinet (Kohler K-CB)	235.41	40.73
10 28 13 13-0268	EA	15-1/2" x 25-7/8", Recessed Mounted, All-Steel Medicine Cabinet (Bobrick B-397) Note: Includes three adjustable plastic shelves.	162.03	40.73
10 28 13 13-0269	EA	14-1/8" x 20-1/4", Surface Mounted, All-Steel Medicine Cabinet (Bobrick B-297) Note: Includes two fixed shelves with baked white enamel finish.	170.64	40.73
10 28 13 13-0270	EA	15-1/4" x 25-1/2", Recessed Mounted, Stainless Steel Medicine Cabinet (Bobrick B-398) Note: Includes four adjustable stainless steel shelves.	337.71	40.73
10 28 13 13-0271	EA	17" x 26-7/8", Surface Mounted, Stainless Steel Medicine Cabinet (Bobrick B-299) Note: Includes four adjustable shelves.	471.99	40.73
10 28 13 13-0272		**Ash Trays** *(10 28 13 13)*		
10 28 13 13-0273	EA	Compact Type, Surface Mounted, Stainless Steel Wall Urn Ash Tray (Bobrick B-240)	55.58	16.29
10 28 13 13-0274		**Janitorial Material** *(10 28 13 13)*		
10 28 13 13-0275	EA	Stainless Steel Pail And Ladder Hook (Bobrick B-670)	34.12	8.15
10 28 13 13-0276	EA	24" Length, Stainless Steel Utility Hook Strip (Bobrick B-232x24)	86.05	18.33
10 28 13 13-0277	EA	24" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x24)	88.51	18.33
10 28 13 13-0278	EA	30" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x30)	107.17	18.33
10 28 13 13-0279	EA	36" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x36)	99.79	18.33
10 28 13 13-0280	EA	36" Length, Utility Hook Strip (Bobrick B-232x36)	99.79	18.33
10 28 13 13-0281	EA	36" Length, Stainless Steel Custodian Utility Shelf With Mop And Broom Holders And Rag Hooks (Bobrick B-224x36)	202.90	18.33
10 28 13 13-0282	EA	34" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder With Shelf And Rag Hooks (Bobrick B-239x34)	294.95	18.33
10 28 13 13-0283		**Remove And Reinstall Bathroom Accessories** *(10 28 13 13)*		
10 28 13 13-0284	EA	Remove And Reinstall Bathroom Accessory	25.46	
10 28 13 19		**Healthcare Toilet Accessories** *(10 28 13)*		
10 28 13 19-0001	EA	Surface Mounted, Stainless Steel Bed Pan/Urinal Holder (Bradley BR-9905)	183.34	25.50
10 28 13 19-0002	EA	Recessed Mounted, Stainless Steel Bed Pan Storage Cabinet (Bradley BR-990)	565.45	25.50
10 28 13 19-0003	EA	Stainless Steel Foot Operated Soap Dispenser (Bradley BR-6843)	193.89	67.86

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 16		**Bath Accessories** *(10 28)*		
10 28 16 13		**Residential Bath Accessories** *(10 28 16)*		
10 28 16 13-0001		Toilet Accessories *(10 28 16 13)*		
10 28 16 13-0002		Recessed Mounted, Chrome Plated Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0003	EA	Single Roll, Recessed Mounted, Chrome Plated Toilet Paper Holder	57.87	18.33
10 28 16 13-0004	EA	Recessed Mounted, Chrome Plated Soap Dish	70.52	18.33
10 28 16 13-0005	EA	Recessed Mounted, Chrome Plated Soap Dish And Bar	73.09	18.33
10 28 16 13-0006	EA	Recessed Mounted, Chrome Plated Tumbler Holder	58.96	18.33
10 28 16 13-0007		Surface Mounted, Chrome Plated Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0008	EA	Surface Mounted, Chrome Plated Soap Dish	34.72	12.22
10 28 16 13-0009	EA	Surface Mounted, Chrome Plated Single Clothes Hook	37.58	12.22
10 28 16 13-0010	EA	Surface Mounted, Chrome Plated Double Clothes Hook	37.58	12.22
10 28 16 13-0011	LF	6" Deep, Surface Mounted, Chrome Plated Supports, Glass Shelf	59.94	12.22
10 28 16 13-0012	LF	6" Deep, Surface Mounted, Stainless Steel Shelf	52.73	12.22
10 28 16 13-0013	EA	18" Length, Surface Mounted, Chrome Plated Towel Bar	45.44	16.29
10 28 16 13-0014	EA	24" Length, Surface Mounted, Chrome Plated Towel Bar	45.76	16.29
10 28 16 13-0015	EA	Surface Mounted, Chrome Plated Towel Ring	34.01	12.22
10 28 16 13-0016	EA	Surface Mounted, Chrome Plated Tumbler And Toothbrush Holder	22.50	18.33
10 28 16 13-0017	EA	Single Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	34.72	12.22
10 28 16 13-0018	EA	Two Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	53.94	12.22
10 28 16 13-0019	EA	Surface Mounted, Chrome Plated Globe Soap Dispenser	38.57	12.22
10 28 16 13-0020	EA	Surface Mounted, Chrome Plated Towel Pin	39.87	12.22
10 28 16 13-0021	EA	Surface Mounted, Chrome Plated Towel Ladder And Shelf	83.58	12.22
10 28 16 13-0022	EA	Surface Mounted, Retractable Chrome Plated Bath/Shower Clothesline	51.32	12.22
10 28 16 13-0023	EA	24" Length, Cut To Size Plastic Bar, Surface Mounted, Ceramic Base Towel Bar	60.96	12.22
10 28 16 13-0024		Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0025	EA	Surface Mounted Paper Towel Dispenser, Plastic	52.94	18.33
10 28 16 13-0026	EA	Surface Mounted Napkin Disposal, Plastic	49.34	18.33
10 28 16 13-0027	EA	Soap Dispenser For Soaps And Detergent, 50 Fluid Oz, Plastic	50.61	
10 28 16 13-0028	EA	Soap Dispenser For Antibacterial Soaps, 50 Fluid Oz, Plastic	54.42	18.33
10 28 16 13-0029	EA	Multi Roll (2) Toilet Tissue Dispenser, Plastic	52.95	18.33
10 28 16 13-0030	EA	Single Jumbo Roll Toilet Tissue Dispenser, Plastic	64.83	22.41
10 28 16 13-0031	EA	Surface Mounted Toilet Seat Cover Dispenser, Plastic	40.64	16.29
10 28 16 13-0032	EA	Waste Door For Countertops, 13 Gallon, Plastic	109.76	30.55
10 28 16 13-0033		Solid Oak Medicine Cabinets *(10 28 16 13-0001)* Note: Surface or recessed mounted, premium quality.		
10 28 16 13-0034	EA	24" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	301.40	40.73
10 28 16 13-0035	EA	24" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	376.43	40.73
10 28 16 13-0036	EA	30" x 30" Unlighted, Solid Oak Medicine Cabinet With Mirror	318.57	40.73
10 28 16 13-0037	EA	30" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	399.85	40.73
10 28 16 13-0038	EA	36" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	329.40	40.73
10 28 16 13-0039	EA	36" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	420.43	40.73
10 28 16 13-0040	EA	48" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	344.27	40.73
10 28 16 13-0041	EA	48" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	445.57	40.73
10 28 19		**Tub And Shower Doors** *(10 28)*		
10 28 19 00-0001		Tub And Shower Doors *(10 28 19)*		
10 28 19 00-0002		Swinging Shower Doors *(10 28 19 00-0001)*		
10 28 19 00-0003		Framed, Swinging Shower Doors *(10 28 19 00-0002)*		
10 28 19 00-0004	EA	24-1/4" To 26" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00801)	310.54	19.83
10 28 19 00-0005	EA	27-1/4" To 29" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00802)	314.64	19.83
10 28 19 00-0006	EA	29-5/8" To 31-3/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00803)	319.93	19.83
10 28 19 00-0007	EA	33-1/8" To 34-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00804)	324.03	19.83
10 28 19 00-0008	EA	35-1/8" To 36-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00805)	332.25	19.83
10 28 19 00-0009		Sliding Shower Doors *(10 28 19 00-0001)*		
10 28 19 00-0010		Framed, Sliding Shower Doors *(10 28 19 00-0009)*		
10 28 19 00-0011	EA	40" To 42" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00735)	449.48	19.83
10 28 19 00-0012	EA	44" To 46" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00745)	455.81	19.83
10 28 19 00-0013	EA	46" To 48" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00775)	466.69	19.83
10 28 19 00-0014	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00729)	478.25	19.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 19 00-0015	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00794)	484.71	19.83
10 28 19 00-0016	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00795)	494.26	19.83

10 28 19 00-0017 Sliding Bathtub Doors *(10 28 19 00-0001)*

10 28 19 00-0018 Framed, Sliding Bathtub Doors *(10 28 19 00-0017)*

10 28 19 00-0019	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00725)	443.67	19.83
10 28 19 00-0020	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00749)	448.32	19.83
10 28 19 00-0021	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00750)	458.85	19.83

10 40 Safety Specialties *(10)*

10 41 Emergency Access And Information Cabinets *(10 40)*

10 41 13 Fire Department Plan Cabinets *(10 41)*

10 41 13 00-0001 Fire Department Plan Cabinets (Knox) *(10 41 13)*

10 41 13 00-0002	EA	18" High x 14-1/2" Wide x 5" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	838.32	26.47
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Dual Locks, Add	*60.00*	
		For Back Key Hook Panel, Add	*58.04*	
		For Swing Key Hook Panel, Add	*157.04*	
		For Non-Locking Weather Housing, Add	*394.11*	
10 41 13 00-0003	EA	18" High x 14-1/2" Wide x 7" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	887.91	26.47
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Dual Locks, Add	*60.00*	
		For Back Key Hook Panel, Add	*58.04*	
		For Swing Key Hook Panel, Add	*157.04*	
		For Second Swing Key Hook Panel, Add	*124.04*	
		For Non-Locking Weather Housing, Add	*394.11*	

10 41 16 Emergency Key Cabinets *(10 41)*

10 41 16 00-0001 Emergency Key Cabinets (Knox) *(10 41 16)*

10 41 16 00-0002	EA	Elevator/Lobby, Deep Red Finish, Surface Mount, Fire Department Emergency Key Storage Box (Knox 1403)	426.78	26.47
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
10 41 16 00-0003	EA	5" High x 4" Wide x 3-3/4" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Box 3200)	377.20	26.47
		For Lift-Off Door, Deduct	*-40.00*	
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*55.18*	
		For Cast-In-Place Concrete Recess Mounting, Add	*119.00*	
10 41 16 00-0004	EA	6" High x 6" Wide x 4-1/2" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4100)	498.68	26.47
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*55.18*	
		For Dual Locks, Add	*60.00*	
		For Cast-In-Place Concrete Recess Mounting, Add	*130.00*	
10 41 16 00-0005	EA	7" High x 7" Wide x 5" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4400)	529.66	26.47
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*55.18*	
		For Dual Locks, Add	*60.00*	
		For Cast-In-Place Concrete Recess Mounting, Add	*135.00*	

10 44 Fire Protection Specialties *(10 40)*

10 44 13 Fire Protection Cabinets *(10 44)*

10 44 13 00-0001 Fire Extinguisher Cabinets *(10 44 13)*

10 44 13 00-0002 Recessed Fire Extinguisher Cabinets *(10 44 13 00-0001)*

10 44 13 00-0003 Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*
Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0004	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	253.63	33.40
10 44 13 00-0005	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	257.55	33.40
10 44 13 00-0006	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	258.33	33.40
10 44 13 00-0007	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	282.64	33.40
10 44 13 00-0008	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	346.15	33.40
10 44 13 00-0009	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	354.77	33.40

10 44 13 00-0010 Aluminum Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*
Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0011	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	285.89	33.40
10 44 13 00-0012	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	290.87	33.40
10 44 13 00-0013	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	299.18	33.40
10 44 13 00-0014	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	313.30	33.40
10 44 13 00-0015	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	357.00	33.40
10 44 13 00-0016	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	370.29	33.40
10 44 13 00-0017		Stainless Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0018	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	354.56	33.40
10 44 13 00-0019	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	363.01	33.40
10 44 13 00-0020	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	367.23	33.40
10 44 13 00-0021	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	396.11	33.40
10 44 13 00-0022	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	454.25	33.40
10 44 13 00-0023	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	471.85	33.40
10 44 13 00-0024		Bronze Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0025	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	931.39	33.40
10 44 13 00-0026	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	938.10	33.40
10 44 13 00-0027	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	1,074.93	33.40
10 44 13 00-0028		Acrylic Bubble Door And Steel Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0029	EA	10-1/2" x 24" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	304.59	33.40
10 44 13 00-0030	EA	14" x 30" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	334.39	33.40
10 44 13 00-0031		Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0001)*		
10 44 13 00-0032		Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0033	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	274.80	33.40
10 44 13 00-0034	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	282.64	33.40
10 44 13 00-0035	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	283.42	33.40
10 44 13 00-0036	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	310.08	33.40
10 44 13 00-0037	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	363.40	33.40
10 44 13 00-0038	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	372.02	33.40
10 44 13 00-0039		Aluminum Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0040	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	322.95	33.40
10 44 13 00-0041	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	335.41	33.40
10 44 13 00-0042	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	342.88	33.40
10 44 13 00-0043	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	357.00	33.40
10 44 13 00-0044	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	406.00	33.40
10 44 13 00-0045	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	417.63	33.40
10 44 13 00-0046		Stainless Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0047	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	391.57	33.40
10 44 13 00-0048	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	401.43	33.40
10 44 13 00-0049	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	405.66	33.40
10 44 13 00-0050	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	427.49	33.40
10 44 13 00-0051	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	481.71	33.40
10 44 13 00-0052	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	493.68	33.40
10 44 13 00-0053		Bronze Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0054	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,170.32	33.40
10 44 13 00-0055	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,175.95	33.40
10 44 13 00-0056	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,345.90	33.40
10 44 13 00-0057		Acrylic Bubble Door And Steel Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0058	EA	10-1/2" x 24" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	332.82	33.40
10 44 13 00-0059	EA	14" x 30" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	361.05	33.40
10 44 13 00-0060		Surface Mounted Fire Extinguisher Cabinets *(10 44 13 00-0001)*		
10 44 13 00-0061		Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets *(10 44 13 00-0060)*		
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0062	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	268.53	33.40
10 44 13 00-0063	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	273.23	33.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0064	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	310.87	33.40
10 44 13 00-0065	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	357.13	33.40
10 44 13 00-0066	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	369.67	33.40
10 44 13 00-0067		**Aluminum Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0068	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	401.85	33.40
10 44 13 00-0069	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	412.64	33.40
10 44 13 00-0070	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	436.73	33.40
10 44 13 00-0071	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	484.06	33.40
10 44 13 00-0072	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	504.00	33.40
10 44 13 00-0073		**Stainless Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0074	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	452.84	33.40
10 44 13 00-0075	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	466.22	33.40
10 44 13 00-0076	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	499.32	33.40
10 44 13 00-0077	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	563.40	33.40
10 44 13 00-0078	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	583.12	33.40
10 44 13 00-0079		**Bronze Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0080	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	1,340.60	33.40
10 44 13 00-0081	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	1,509.25	33.40
10 44 13 00-0082		**Acrylic Bubble Door And Steel Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0083	EA	13-11/16" x 27-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	315.57	33.40
10 44 13 00-0084	EA	17-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	350.07	33.40
10 44 13 00-0085	EA	31-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	470.82	33.40
10 44 13 00-0086		**Fire Extinguisher Cabinet Accessories** *(10 44 13 00-0001)*		
10 44 13 00-0087	EA	Standard Break Glass Cylinder Lock Mechanism	26.38	10.18
10 44 13 00-0088	EA	Breaker Bar And Chain For Break Glass Cabinets	24.27	10.18
10 44 13 00-0089	EA	Replacement Standard Pull Handle	22.99	10.18
10 44 13 00-0090	EA	Fire Extinguisher Cabinet Battery Operated Alarm	67.82	20.36
10 44 13 00-0091	EA	Fire Rated Option For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	110.95	
10 44 13 00-0092	EA	Fire Rated Option For 12" x 27" x 7-3/4" Cabinets	122.04	
10 44 13 00-0093	EA	Fire Rated Option For 16" x 32" x 7-3/4" Cabinets	166.42	
10 44 13 00-0094	EA	Fire Rated Option For 20" x 27" x 7-3/4" Cabinets	227.45	
10 44 13 00-0095	EA	Fire Rated Option For 9" x 18" x 5-1/2" Cabinets	266.28	
10 44 13 00-0096	EA	Replace Standard Glass With Wire Glass For 9" x 18" x 5-1/2" Cabinets	64.35	
10 44 13 00-0097	EA	Replace Standard Glass With Wire Glass For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	66.57	
10 44 13 00-0098	EA	Replace Standard Glass With Wire Glass For 12" x 27" x 7-3/4" Cabinets	88.76	
10 44 13 00-0099	EA	Replace Standard Glass With Wire Glass For 16" x 32" x 7-3/4" Cabinets	160.88	
10 44 13 00-0100	EA	Replace Standard Glass With Wire Glass For 20" x 27" x 7-3/4" Cabinets	163.10	
10 44 13 00-0101	EA	Replace Standard Glass With Wire Glass For 12-3/16" x 21-3/16" x 6" Cabinets	65.80	
10 44 13 00-0102	EA	Replace Standard Glass With Wire Glass For 13-11/16" x 27-3/16" x 6-1/2" Cabinets	69.09	
10 44 13 00-0103	EA	Replace Standard Glass With Wire Glass For 15-3/16" x 30-3/16" x 8-1/4" Cabinets	93.21	
10 44 13 00-0104	EA	Replace Standard Glass With Wire Glass For 19-3/16" x 35-3/16" x 8-1/4" Cabinets	164.49	
10 44 13 00-0105	EA	Replace Standard Glass With Wire Glass For 23-3/16" x 30-3/16" x 8-1/4" Cabinets	166.68	
10 44 13 00-0106		**Fire Hose Cabinets** *(10 44 13)*		
		Note: Excludes hoses, hose rack units, fire extinguishers and valves. See CSI section 21 12 13 00-0001 for fire hoses and nozzles, 21 12 13 00-0015 for fire hose rack units, 21 12 23 00-0001 for fire department valves, 21 12 23 00-0019 for fire hose angle valves.		
10 44 13 00-0107		**Recessed Fire Hose Cabinets** *(10 44 13 00-0106)*		
10 44 13 00-0108		**Steel Door And Trim, Recessed Fire Hose Cabinets** *(10 44 13 00-0107)*		
		Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0109	EA	34" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	355.98	104.79
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0110	EA	34" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	360.92	104.79
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0111	EA	38" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	365.03	104.79
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0112	EA	38" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	369.15	104.79
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0113	EA	30" x 30" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	374.08	104.79
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0114	EA	38" x 32" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	387.24	104.79
		For Solid Steel Door, Deduct	*-8.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0115	EA	23" x 18" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	391.36	104.79
		For Solid Steel Door, Deduct	*-8.60*	

10 44 13 00-0116 Aluminum Door And Trim, Recessed Fire Hose Cabinets *(10 44 13 00-0107)*

Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0117	EA	34" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	381.57	104.79
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0118	EA	30" x 30" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	389.66	104.79
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0119	EA	34" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	390.70	104.79
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0120	EA	38" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	394.06	104.79
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0121	EA	38" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	398.48	104.79
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0122	EA	38" x 32" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	410.97	104.79
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0123	EA	23" x 18" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	423.46	104.79
		For Solid Aluminum Door, Add	*6.50*	

10 44 13 00-0124 Stainless Steel Door And Trim, Recessed Fire Hose Cabinets *(10 44 13 00-0107)*

Note: Includes #4 finish, stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0125	EA	23" x 18" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	454.34	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0126	EA	34" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	492.56	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0127	EA	34" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	496.23	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0128	EA	38" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	507.99	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0129	EA	38" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	511.66	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0130	EA	30" x 30" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	530.78	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0131	EA	38" x 32" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	549.88	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	

10 44 13 00-0132 Semi Recessed Fire Hose Cabinets *(10 44 13 00-0106)*

10 44 13 00-0133 Steel Door And Trim, Semi Recessed Fire Hose Cabinets *(10 44 13 00-0132)*

Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0134	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	369.15	104.79
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0135	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	374.08	104.79
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0136	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	378.19	104.79
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0137	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	383.12	104.79
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0138	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	387.24	104.79
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0139	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	400.40	104.79
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0140	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	405.33	104.79
		For Solid Steel Door, Deduct	*-8.60*	

10 44 13 00-0141 Aluminum Door And Trim, Semi Recessed Fire Hose Cabinets *(10 44 13 00-0132)*

Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0142	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	389.66	104.79
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0143	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	398.48	104.79
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0144	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	399.74	104.79
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0145	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	402.15	104.79
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0146	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	406.56	104.79
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0147	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	419.06	104.79
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0148	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	431.55	104.79
		For Solid Aluminum Door, Add	*6.50*	

10 44 13 00-0149 Stainless Steel Door And Trim, Semi Recessed Fire Hose Cabinets *(10 44 13 00-0132)*

Note: Includes #4 finish, 304 stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0150	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	477.12	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0151	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	519.02	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0152	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	522.69	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0153	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	534.45	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0154	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	538.12	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0155	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	557.24	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0156	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	576.34	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	

10 44 13 00-0157 Surface Mount Fire Hose Cabinets *(10 44 13 00-0106)*

10 44 13 00-0158 Steel Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes baked enamel finish, steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0159	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	374.08	104.79
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0160	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	378.19	104.79
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0161	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	383.12	104.79
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0162	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	387.24	104.79
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0163	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	391.36	104.79
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0164	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	405.33	104.79
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0165	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	409.45	104.79
		For Solid Steel Door, Deduct	*-8.60*	

10 44 13 00-0166 Aluminum Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes clear satin anodized finish, aluminum door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0167	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	410.97	104.79
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0168	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	419.06	104.79
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0169	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	421.16	104.79
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0170	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	423.46	104.79
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0171	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	427.14	104.79
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0172	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	440.37	104.79
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0173	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	448.46	104.79
		For Solid Aluminum Door, Add	*6.50*	

10 44 13 00-0174 Stainless Steel Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes #4 finish, 304 stainless steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0175	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	507.99	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0176	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	630.00	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0177	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	660.87	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0178	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	668.22	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0179	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	675.57	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0180	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	706.44	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0181	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	744.66	104.79
		For Solid Stainless Steel Door, Deduct	*-7.70*	

10 44 16 Fire Extinguishers *(10 44)*

10 44 16 13 Portable Fire Extinguishers *(10 44 16)*

Note: Includes filling, certification, bracket, hardware and mounting on wall.

10 44 16 13-0001 Carbon Dioxide Type, Class BC Portable Fire Extinguisher *(10 44 16 13)*

10 44 16 13-0002	EA	2.5# Carbon Dioxide, Type BC Portable Fire Extinguisher	174.14	10.59
		For >5 To 10, Deduct	*-5.99*	
		For >10, Deduct	*-11.98*	
		For Placement In Cabinet, Deduct	*-27.16*	
10 44 16 13-0003	EA	5# Carbon Dioxide, Type BC Portable Fire Extinguisher	260.70	12.22
		For >5 To 10, Deduct	*-9.90*	
		For >10, Deduct	*-19.80*	
		For Placement In Cabinet, Deduct	*-31.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 16 13-0004	EA	10# Carbon Dioxide, Type BC Portable Fire Extinguisher	339.14	15.48
		For >5 To 10, Deduct	*-12.88*	
		For >10, Deduct	*-25.77*	
		For Placement In Cabinet, Deduct	*-40.74*	
10 44 16 13-0005	EA	15# Carbon Dioxide, Type BC Portable Fire Extinguisher	416.98	19.55
		For >5 To 10, Deduct	*-15.76*	
		For >10, Deduct	*-31.51*	
		For Placement In Cabinet, Deduct	*-50.92*	
10 44 16 13-0006	EA	20# Carbon Dioxide, Type BC Portable Fire Extinguisher	462.80	19.55
		For >5 To 10, Deduct	*-18.05*	
		For >10, Deduct	*-36.10*	
		For Placement In Cabinet, Deduct	*-50.92*	
10 44 16 13-0007	EA	50# Carbon Dioxide, Type BC Wheeled Fire Extinguisher	1,567.16	30.96
		For >5 To 10, Deduct	*-70.21*	
		For >10, Deduct	*-140.42*	
10 44 16 13-0008	EA	100# Carbon Dioxide, Type BC Wheeled Fire Extinguisher	3,046.41	30.96
		For >5 To 10, Deduct	*-144.17*	
		For >10, Deduct	*-288.35*	

10 44 16 13-0009 Dry Chemical Type, Class ABC Portable Fire Extinguisher *(10 44 16 13)*

10 44 16 13-0010	EA	2.6# Dry Chemical, Type ABC Portable Fire Extinguisher	99.29	10.59
		For >5 To 10, Deduct	*-2.25*	
		For >10, Deduct	*-4.50*	
		For Placement In Cabinet, Deduct	*-27.16*	
10 44 16 13-0011	EA	5# Dry Chemical, Type ABC Portable Fire Extinguisher	127.46	12.22
		For >5 To 10, Deduct	*-3.24*	
		For >10, Deduct	*-6.48*	
		For Placement In Cabinet, Deduct	*-31.33*	
10 44 16 13-0012	EA	10# Dry Chemical, Type ABC Portable Fire Extinguisher	183.04	15.48
		For >5 To 10, Deduct	*-5.08*	
		For >10, Deduct	*-10.16*	
		For Placement In Cabinet, Deduct	*-40.74*	
10 44 16 13-0013	EA	20# Dry Chemical, Type ABC Portable Fire Extinguisher	261.69	19.55
		For >5 To 10, Deduct	*-7.99*	
		For >10, Deduct	*-15.99*	
		For Placement In Cabinet, Deduct	*-50.92*	
10 44 16 13-0014	EA	50# Dry Chemical, Type ABC Wheeled Fire Extinguisher	1,840.93	30.96
		For >5 To 10, Deduct	*-83.90*	
		For >10, Deduct	*-167.80*	
10 44 16 13-0015	EA	125# Dry Chemical, Type ABC Wheeled Fire Extinguisher	2,796.00	30.96
		For >5 To 10, Deduct	*-131.65*	
		For >10, Deduct	*-263.31*	

10 44 16 13-0016 Other Portable Fire Extinguishers *(10 44 16 13)*

10 44 16 13-0017	EA	2.5 Gallon Water, Stored Pressure Portable Fire Extinguisher Note: Stainless steel.	195.56	12.22
		For >5 To 10, Deduct	*-6.65*	
		For >10, Deduct	*-13.29*	
		For Placement In Cabinet, Deduct	*-31.33*	
10 44 16 13-0018	EA	1.6 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel.	293.65	19.55
		For >5 To 10, Deduct	*-9.59*	
		For >10, Deduct	*-19.18*	
		For Placement In Cabinet, Deduct	*-50.92*	
10 44 16 13-0019	EA	2.5 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel.	308.39	19.55
		For >5 To 10, Deduct	*-10.33*	
		For >10, Deduct	*-20.66*	
		For Placement In Cabinet, Deduct	*-50.92*	
10 44 16 13-0020	EA	30# Dry Powder, Class D Portable Fire Extinguisher Note: Yellow steel.	458.89	19.55
		For >5 To 10, Deduct	*-17.85*	
		For >10, Deduct	*-35.71*	

10 44 16 13-0021 Recharge Existing Portable Fire Extinguishers *(10 44 16 13)*

Note: Includes removal, filling, testing, certification and reinstallation.

10 44 16 13-0022 Recharge Carbon Dioxide, Class BC Portable Fire Extinguishers *(10 44 16 13-0021)*

10 44 16 13-0023	EA	Recharge 2.5# Carbon Dioxide Portable Fire Extinguisher	8.62
10 44 16 13-0024	EA	Recharge 5# Carbon Dioxide Portable Fire Extinguisher	9.58
10 44 16 13-0025	EA	Recharge 10# Carbon Dioxide Portable Fire Extinguisher	9.96
10 44 16 13-0026	EA	Recharge 15# Carbon Dioxide Portable Fire Extinguisher	11.27
10 44 16 13-0027	EA	Recharge 20# Carbon Dioxide Portable Fire Extinguisher	13.02

10 44 16 13-0028 Recharge Dry Chemical, Class ABC Portable Fire Extinguishers *(10 44 16 13-0021)*

10 44 16 13-0029	EA	Recharge 2.5# Dry Chemical Portable Fire Extinguisher	10.40
10 44 16 13-0030	EA	Recharge 5# Dry Chemical Portable Fire Extinguisher	12.58
10 44 16 13-0031	EA	Recharge 10# Dry Chemical Portable Fire Extinguisher	17.78
10 44 16 13-0032	EA	Recharge 20# Dry Chemical Portable Fire Extinguisher	28.07

10 44 16 13-0033 Recharge Other Portable Fire Extinguishers *(10 44 16 13-0021)*

10 44 16 13-0034	EA	Recharge 2.5 Gallon Pressurized Water Portable Fire Extinguisher	10.29
10 44 16 13-0035	EA	Recharge 1.6 Gallon Wet Chemical Class K Fire Extinguisher	73.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 16 13-0036	EA	Recharge 2.5 Gallon Wet Chemical Class K Fire Extinguisher	102.65	
10 44 16 13-0037	EA	Recharge 30# Dry Powder Class D Portable Fire Extinguisher	42.26	
10 44 16 13-0038		Fire Extinguisher Backboards *(10 44 16 13)*		
10 44 16 13-0039		Fire Extinguisher Backboards *(10 44 16 13-0038)* Note: Mounted to any wall. Includes anchors.		
10 44 16 13-0040	EA	Red Painted 1/2" x 12" x 40" Beveled Edge Plywood Fire Extinguisher Backboard	90.41	13.97
10 44 16 13-0041	EA	Relocate Fire Extinguisher Wood Backboard, Any Size Note: Includes storage and cleaning.	123.25	
10 44 16 13-0042		Inspections And Testing *(10 44 16 13)*		
10 44 16 13-0043	EA	On Site Fire Extinguisher Annual Inspection (Tag)	9.30	
10 44 16 13-0044	EA	On Site Fire Extinguisher Hydrotest	13.68	
10 44 33		**Fire Blankets And Cabinets** *(10 44)*		
10 44 33 00-0001	EA	Vertical Roller Type Fire Blanket Cabinet (JL Industries 1FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	302.54	33.40
10 44 33 00-0002	EA	Drop Type Fire Blanket Cabinet (JL Industries 2FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	228.05	33.40

10 50 Storage Specialties *(10)*

10 51 Lockers *(10 50)*

10 51 13 Metal Lockers *(10 51)*

10 51 13 00-0001 Institutional Lockers *(10 51 13)*
Note: Price per frame. Includes baked enamel 24 gauge solid body components and 6" legs. Excludes slope top, base fillers, and locks.

10 51 13 00-0002 Single Tier Institutional Locker *(10 51 13 00-0001)*
Note: Includes one hat shelf, three single hooks and one double hook.

10 51 13 00-0003	EA	12" x 12" x 60" Single Tier Institutional Or Corridor Locker	161.33	25.26
		For >50 To 100, Deduct	*-5.54*	
		For >100, Deduct	*-12.60*	
		For 14 Gauge Doors, Add	*8.87*	
10 51 13 00-0004	EA	12" x 15" x 60" Single Tier Institutional Or Corridor Locker	167.20	25.26
		For >50 To 100, Deduct	*-5.83*	
		For >100, Deduct	*-13.18*	
		For 14 Gauge Doors, Add	*9.34*	
10 51 13 00-0005	EA	12" x 18" x 60" Single Tier Institutional Or Corridor Locker	175.23	25.26
		For >50 To 100, Deduct	*-6.24*	
		For >100, Deduct	*-13.99*	
		For 14 Gauge Doors, Add	*9.98*	
10 51 13 00-0006	EA	12" x 12" x 72" Single Tier Institutional Or Corridor Locker	175.14	26.07
		For >50 To 100, Deduct	*-6.15*	
		For >100, Deduct	*-13.86*	
		For 14 Gauge Doors, Add	*9.84*	
10 51 13 00-0007	EA	12" x 15" x 72" Single Tier Institutional Or Corridor Locker	180.01	26.07
		For >50 To 100, Deduct	*-6.39*	
		For >100, Deduct	*-14.35*	
		For 14 Gauge Doors, Add	*10.23*	
10 51 13 00-0008	EA	12" x 18" x 72" Single Tier Institutional Or Corridor Locker	184.75	26.07
		For >50 To 100, Deduct	*-6.63*	
		For >100, Deduct	*-14.83*	
		For 14 Gauge Doors, Add	*10.61*	
10 51 13 00-0009	EA	15" x 15" x 72" Single Tier Institutional Or Corridor Locker	192.95	26.07
		For >50 To 100, Deduct	*-7.04*	
		For >100, Deduct	*-15.65*	
		For 14 Gauge Doors, Add	*11.26*	
10 51 13 00-0010	EA	15" x 18" x 72" Single Tier Institutional Or Corridor Locker	201.05	26.07
		For >50 To 100, Deduct	*-7.45*	
		For >100, Deduct	*-16.46*	
		For 14 Gauge Doors, Add	*11.91*	
10 51 13 00-0011	EA	18" x 18" x 72" Single Tier Institutional Or Corridor Locker	209.64	26.07
		For >50 To 100, Deduct	*-7.88*	
		For >100, Deduct	*-17.31*	
		For 14 Gauge Doors, Add	*12.60*	
10 51 13 00-0012	EA	18" x 21" x 72" Single Tier Institutional Or Corridor Locker	217.57	26.07
		For >50 To 100, Deduct	*-8.27*	
		For >100, Deduct	*-18.11*	
		For 14 Gauge Doors, Add	*13.23*	
10 51 13 00-0013	EA	24" x 24" x 72" Single Tier Institutional Or Corridor Locker	290.02	26.07
		For >50 To 100, Deduct	*-11.89*	
		For >100, Deduct	*-25.35*	
		For 14 Gauge Doors, Add	*19.03*	

10 51 13 00-0014 Two Tier Institutional Locker *(10 51 13 00-0001)*
Note: Includes three single hooks and one double hook per tier.

10 51 13 00-0015	EA	12" x 12" x 60" Two Tier Institutional Or Corridor Locker	188.84	26.07
		For >50 To 100, Deduct	*-6.84*	
		For >100, Deduct	*-15.23*	
		For 14 Gauge Doors, Add	*15.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0016	EA	12" x 15" x 60" Two Tier Institutional Or Corridor Locker	192.54	26.07
		For >50 To 100, Deduct	*-7.02*	
		For >100, Deduct	*-15.60*	
		For 14 Gauge Doors, Add	*15.44*	
10 51 13 00-0017	EA	12" x 18" x 60" Two Tier Institutional Or Corridor Locker	196.27	26.07
		For >50 To 100, Deduct	*-7.21*	
		For >100, Deduct	*-15.98*	
		For 14 Gauge Doors, Add	*15.85*	
10 51 13 00-0018	EA	12" x 12" x 72" Two Tier Institutional Or Corridor Locker	197.27	26.88
		For >50 To 100, Deduct	*-7.18*	
		For >100, Deduct	*-15.96*	
		For 14 Gauge Doors, Add	*15.79*	
10 51 13 00-0019	EA	12" x 15" x 72" Two Tier Institutional Or Corridor Locker	205.35	26.88
		For >50 To 100, Deduct	*-7.58*	
		For >100, Deduct	*-16.77*	
		For 14 Gauge Doors, Add	*16.67*	
10 51 13 00-0020	EA	12" x 18" x 72" Two Tier Institutional Or Corridor Locker	210.23	26.88
		For >50 To 100, Deduct	*-7.82*	
		For >100, Deduct	*-17.26*	
		For 14 Gauge Doors, Add	*17.21*	
10 51 13 00-0021	EA	15" x 15" x 72" Two Tier Institutional Or Corridor Locker	217.23	26.88
		For >50 To 100, Deduct	*-8.17*	
		For >100, Deduct	*-17.96*	
		For 14 Gauge Doors, Add	*17.98*	
10 51 13 00-0022	EA	15" x 18" x 72" Two Tier Institutional Or Corridor Locker	224.26	26.88
		For >50 To 100, Deduct	*-8.52*	
		For >100, Deduct	*-18.66*	
		For 14 Gauge Doors, Add	*18.75*	
10 51 13 00-0023	EA	18" x 18" x 72" Two Tier Institutional Or Corridor Locker	256.06	26.88
		For >50 To 100, Deduct	*-10.11*	
		For >100, Deduct	*-21.84*	
		For 14 Gauge Doors, Add	*22.25*	
10 51 13 00-0024	EA	18" x 21" x 72" Two Tier Institutional Or Corridor Locker	261.83	26.88
		For >50 To 100, Deduct	*-10.40*	
		For >100, Deduct	*-22.42*	
		For 14 Gauge Doors, Add	*22.89*	

10 51 13 00-0025 Three Tier Institutional Locker *(10 51 13 00-0001)*

Note: Includes one double hook per tier.

10 51 13 00-0026	EA	12" x 12" x 72" Three Tier Institutional Or Corridor Locker	220.37	27.70
		For >50 To 100, Deduct	*-8.25*	
		For >100, Deduct	*-18.16*	
		For 14 Gauge Doors, Add	*24.75*	
10 51 13 00-0027	EA	12" x 15" x 72" Three Tier Institutional Or Corridor Locker	224.16	27.70
		For >50 To 100, Deduct	*-8.44*	
		For >100, Deduct	*-18.54*	
		For 14 Gauge Doors, Add	*25.31*	
10 51 13 00-0028	EA	12" x 18" x 72" Three Tier Institutional Or Corridor Locker	237.66	27.70
		For >50 To 100, Deduct	*-9.11*	
		For >100, Deduct	*-19.89*	
		For 14 Gauge Doors, Add	*27.34*	
10 51 13 00-0029	EA	15" x 15" x 72" Three Tier Institutional Or Corridor Locker	250.59	27.70
		For >50 To 100, Deduct	*-9.76*	
		For >100, Deduct	*-21.18*	
		For 14 Gauge Doors, Add	*29.28*	
10 51 13 00-0030	EA	15" x 18" x 72" Three Tier Institutional Or Corridor Locker	260.88	27.70
		For >50 To 100, Deduct	*-10.27*	
		For >100, Deduct	*-22.21*	
		For 14 Gauge Doors, Add	*30.82*	

10 51 13 00-0031 Four Tier Institutional Locker *(10 51 13 00-0001)*

10 51 13 00-0032	EA	12" x 12" x 72" Four Tier Institutional Or Corridor Locker	216.92	28.52
		For >50 To 100, Deduct	*-7.99*	
		For >100, Deduct	*-17.70*	
10 51 13 00-0033	EA	12" x 15" x 72" Four Tier Institutional Or Corridor Locker	223.55	28.52
		For >50 To 100, Deduct	*-8.33*	
		For >100, Deduct	*-18.36*	
10 51 13 00-0034	EA	12" x 18" x 72" Four Tier Institutional Or Corridor Locker	234.21	28.52
		For >50 To 100, Deduct	*-8.86*	
		For >100, Deduct	*-19.43*	
10 51 13 00-0035	EA	15" x 15" x 72" Four Tier Institutional Or Corridor Locker	242.74	28.52
		For >50 To 100, Deduct	*-9.29*	
		For >100, Deduct	*-20.28*	
10 51 13 00-0036	EA	15" x 18" x 72" Four Tier Institutional Or Corridor Locker	255.03	28.52
		For >50 To 100, Deduct	*-9.90*	
		For >100, Deduct	*-21.51*	

10 51 13 00-0037 Six Tier Institutional Locker *(10 51 13 00-0001)*

10 51 13 00-0038	EA	12" x 12" x 72" Six Tier Institutional Or Corridor Locker	235.22	29.33
		For >50 To 100, Deduct	*-8.83*	
		For >100, Deduct	*-19.42*	
10 51 13 00-0039	EA	12" x 15" x 72" Six Tier Institutional Or Corridor Locker	240.33	29.33
		For >50 To 100, Deduct	*-9.08*	
		For >100, Deduct	*-19.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0040	EA	12" x 18" x 72" Six Tier Institutional Or Corridor Locker	249.98	29.33
		For >50 To 100, Deduct	*-9.57*	
		For >100, Deduct	*-20.89*	

10 51 13 00-0041 Locker And Coat Rack Combination *(10 51 13 00-0001)*

10 51 13 00-0042	EA	45" x 18" x 12", 4 Person Wall Mount Locker And Coat Rack Combination	419.08	19.55
10 51 13 00-0043	EA	72" x 18" x 78", 16 Person Locker And Coat Rack Combination	674.49	40.73

10 51 13 00-0044 All-Welded Steel Lockers *(10 51 13)*

10 51 13 00-0045 All-Welded Steel Lockers *(10 51 13 00-0044)*

Note: Price per frame. Includes diamond perforated, standard louvered or solid doors and sides. Includes all-welded construction with 16 gauge solid top, bottom, and shelves, 14 gauge doors and 4" legs. Includes electrostatically applied enamel powder coat paint finish. Excludes slope top, base fillers, and locks.

10 51 13 00-0046 Single Tier, All-Welded Steel Lockers *(10 51 13 00-0045)*

Note: Includes one hat shelf, two single hooks and one double hook.

10 51 13 00-0047	EA	12" x 12" x 48" Single Tier, All-Welded Steel Locker	242.48	14.26
		For >50 To 100, Deduct	*-11.11*	
		For >100, Deduct	*-22.82*	
10 51 13 00-0048	EA	12" x 15" x 48" Single Tier, All-Welded Steel Locker	255.60	14.26
		For >50 To 100, Deduct	*-11.76*	
		For >100, Deduct	*-24.13*	
10 51 13 00-0049	EA	12" x 18" x 48" Single Tier, All-Welded Steel Locker	268.22	14.26
		For >50 To 100, Deduct	*-12.39*	
		For >100, Deduct	*-25.40*	
10 51 13 00-0050	EA	12" x 12" x 60" Single Tier, All-Welded Steel Locker	253.31	14.26
		For >50 To 100, Deduct	*-11.65*	
		For >100, Deduct	*-23.91*	
10 51 13 00-0051	EA	12" x 15" x 60" Single Tier, All-Welded Steel Locker	265.93	14.26
		For >50 To 100, Deduct	*-12.28*	
		For >100, Deduct	*-25.17*	
10 51 13 00-0052	EA	12" x 18" x 60" Single Tier, All-Welded Steel Locker	278.55	14.26
		For >50 To 100, Deduct	*-12.91*	
		For >100, Deduct	*-26.43*	
10 51 13 00-0053	EA	12" x 12" x 72" Single Tier, All-Welded Steel Locker	267.04	15.69
		For >50 To 100, Deduct	*-12.23*	
		For >100, Deduct	*-25.14*	
10 51 13 00-0054	EA	12" x 15" x 72" Single Tier, All-Welded Steel Locker	278.72	15.69
		For >50 To 100, Deduct	*-12.82*	
		For >100, Deduct	*-26.30*	
10 51 13 00-0055	EA	12" x 18" x 72" Single Tier, All-Welded Steel Locker	291.34	15.69
		For >50 To 100, Deduct	*-13.45*	
		For >100, Deduct	*-27.57*	
10 51 13 00-0056	EA	15" x 15" x 72" Single Tier, All-Welded Steel Locker	303.15	15.69
		For >50 To 100, Deduct	*-14.04*	
		For >100, Deduct	*-28.75*	
10 51 13 00-0057	EA	15" x 18" x 72" Single Tier, All-Welded Steel Locker	312.87	15.69
		For >50 To 100, Deduct	*-14.52*	
		For >100, Deduct	*-29.72*	
10 51 13 00-0058	EA	18" x 18" x 72" Single Tier, All-Welded Steel Locker	326.29	15.69
		For >50 To 100, Deduct	*-15.19*	
		For >100, Deduct	*-31.06*	
10 51 13 00-0059	EA	18" x 21" x 72" Single Tier, All-Welded Steel Locker	341.38	15.69
		For >50 To 100, Deduct	*-15.95*	
		For >100, Deduct	*-32.57*	
10 51 13 00-0060	EA	24" x 24" x 72" Single Tier, All-Welded Steel Locker	568.69	15.69
		For >50 To 100, Deduct	*-27.31*	
		For >100, Deduct	*-55.30*	

10 51 13 00-0061 Two Tier, All-Welded Steel Lockers *(10 51 13 00-0045)*

Note: Includes two single hooks and one double hook per tier.

10 51 13 00-0062	EA	12" x 12" x 60" Two Tier, All-Welded Steel Locker	294.23	14.26
		For >50 To 100, Deduct	*-13.69*	
		For >100, Deduct	*-28.00*	
10 51 13 00-0063	EA	12" x 15" x 60" Two Tier, All-Welded Steel Locker	300.02	14.26
		For >50 To 100, Deduct	*-13.98*	
		For >100, Deduct	*-28.58*	
10 51 13 00-0064	EA	12" x 18" x 60" Two Tier, All-Welded Steel Locker	315.57	14.26
		For >50 To 100, Deduct	*-14.76*	
		For >100, Deduct	*-30.13*	
10 51 13 00-0065	EA	12" x 12" x 72" Two Tier, All-Welded Steel Locker	305.95	15.69
		For >50 To 100, Deduct	*-14.18*	
		For >100, Deduct	*-29.03*	
10 51 13 00-0066	EA	12" x 15" x 72" Two Tier, All-Welded Steel Locker	327.38	15.69
		For >50 To 100, Deduct	*-15.25*	
		For >100, Deduct	*-31.17*	
10 51 13 00-0067	EA	12" x 18" x 72" Two Tier, All-Welded Steel Locker	339.06	15.69
		For >50 To 100, Deduct	*-15.83*	
		For >100, Deduct	*-32.34*	
10 51 13 00-0068	EA	15" x 15" x 72" Two Tier, All-Welded Steel Locker	355.71	15.69
		For >50 To 100, Deduct	*-16.67*	
		For >100, Deduct	*-34.00*	
10 51 13 00-0069	EA	15" x 18" x 72" Two Tier, All-Welded Steel Locker	363.55	15.69
		For >50 To 100, Deduct	*-17.06*	
		For >100, Deduct	*-34.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0070	EA	18" x 18" x 72" Two Tier, All-Welded Steel Locker	386.14	15.69
		For >50 To 100, Deduct	*-18.19*	
		For >100, Deduct	*-37.05*	
10 51 13 00-0071	EA	18" x 21" x 72" Two Tier, All-Welded Steel Locker	403.64	15.69
		For >50 To 100, Deduct	*-19.06*	
		For >100, Deduct	*-38.80*	

10 51 13 00-0072 Three Tier, All-Welded Steel Lockers *(10 51 13 00-0045)*

Note: Includes two single hooks and one double hook per tier.

10 51 13 00-0073	EA	12" x 12" x 72" Three Tier, All-Welded Steel Locker	366.32	15.69
		For >50 To 100, Deduct	*-17.20*	
		For >100, Deduct	*-35.06*	
10 51 13 00-0074	EA	12" x 15" x 72" Three Tier, All-Welded Steel Locker	375.10	15.69
		For >50 To 100, Deduct	*-17.63*	
		For >100, Deduct	*-35.94*	
10 51 13 00-0075	EA	12" x 18" x 72" Three Tier, All-Welded Steel Locker	383.82	15.69
		For >50 To 100, Deduct	*-18.07*	
		For >100, Deduct	*-36.81*	
10 51 13 00-0076	EA	15" x 15" x 72" Three Tier, All-Welded Steel Locker	404.47	15.69
		For >50 To 100, Deduct	*-19.10*	
		For >100, Deduct	*-38.88*	
10 51 13 00-0077	EA	15" x 18" x 72" Three Tier, All-Welded Steel Locker	408.28	15.69
		For >50 To 100, Deduct	*-19.29*	
		For >100, Deduct	*-39.26*	

10 51 13 00-0078 Four Tier, All-Welded Steel Lockers *(10 51 13 00-0045)*

10 51 13 00-0079	EA	12" x 12" x 72" Four Tier, All-Welded Steel Locker	345.49	15.69
		For >50 To 100, Deduct	*-16.15*	
		For >100, Deduct	*-32.98*	
10 51 13 00-0080	EA	12" x 15" x 72" Four Tier, All-Welded Steel Locker	353.78	15.69
		For >50 To 100, Deduct	*-16.57*	
		For >100, Deduct	*-33.81*	
10 51 13 00-0081	EA	12" x 18" x 72" Four Tier, All-Welded Steel Locker	362.02	15.69
		For >50 To 100, Deduct	*-16.98*	
		For >100, Deduct	*-34.63*	
10 51 13 00-0082	EA	15" x 15" x 72" Four Tier, All-Welded Steel Locker	381.45	15.69
		For >50 To 100, Deduct	*-17.95*	
		For >100, Deduct	*-36.58*	
10 51 13 00-0083	EA	15" x 18" x 72" Four Tier, All-Welded Steel Locker	384.99	15.69
		For >50 To 100, Deduct	*-18.13*	
		For >100, Deduct	*-36.93*	

10 51 13 00-0084 Six Tier, All-Welded Steel Lockers *(10 51 13 00-0045)*

10 51 13 00-0085	EA	12" x 12" x 72" Six Tier, All-Welded Steel Locker	358.39	15.69
		For >50 To 100, Deduct	*-16.80*	
		For >100, Deduct	*-34.27*	
10 51 13 00-0086	EA	12" x 15" x 72" Six Tier, All-Welded Steel Locker	370.49	15.69
		For >50 To 100, Deduct	*-17.40*	
		For >100, Deduct	*-35.48*	
10 51 13 00-0087	EA	12" x 18" x 72" Six Tier, All-Welded Steel Locker	379.40	15.69
		For >50 To 100, Deduct	*-17.85*	
		For >100, Deduct	*-36.37*	

10 51 13 00-0088 All Welded Locker Accessories *(10 51 13 00-0044)*

10 51 13 00-0089	EA	ADA Requirements For All Welded Lockers	61.46	
10 51 13 00-0090	EA	Solid Boxed End Panel For 12" Deep All Welded Lockers	101.34	3.26
10 51 13 00-0091	EA	Solid Boxed End Panel For 15" Deep All Welded Lockers	117.14	3.26
10 51 13 00-0092	EA	Recessed Trim For All Welded Lockers	72.07	3.26
10 51 13 00-0093	EA	Built In Combination Lock For All Welded Lockers	26.19	3.26
10 51 13 00-0094	EA	Pad Lock For All Welded Lockers	21.15	3.26

10 51 13 00-0095 Athletic Lockers *(10 51 13)*

Note: Price per frame. Includes baked enamel paint, diamond perforated doors and sides, 16 gauge solid top, bottom, and shelves and 6" legs. Excludes slope top, base fillers, and locks.

10 51 13 00-0096 Single Tier Athletic Locker *(10 51 13 00-0095)*

Note: Includes one hat shelf, three single hooks and one double hook.

10 51 13 00-0097	EA	12" x 15" x 72" Single Tier Athletic Locker	245.20	26.07
		For >50 To 100, Deduct	*-9.65*	
		For >100, Deduct	*-20.87*	
10 51 13 00-0098	EA	12" x 18" x 72" Single Tier Athletic Locker	259.23	26.07
		For >50 To 100, Deduct	*-10.35*	
		For >100, Deduct	*-22.27*	
10 51 13 00-0099	EA	15" x 15" x 72" Single Tier Athletic Locker	264.16	26.07
		For >50 To 100, Deduct	*-10.60*	
		For >100, Deduct	*-22.77*	
10 51 13 00-0100	EA	15" x 18" x 72" Single Tier Athletic Locker	273.17	26.07
		For >50 To 100, Deduct	*-11.05*	
		For >100, Deduct	*-23.67*	
10 51 13 00-0101	EA	18" x 18" x 72" Single Tier Athletic Locker	295.38	26.07
		For >50 To 100, Deduct	*-12.16*	
		For >100, Deduct	*-25.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0102	EA	18" x 21" x 72" Single Tier Athletic Locker	318.65	26.07
		For >50 To 100, Deduct	*-13.33*	
		For >100, Deduct	*-28.22*	

10 51 13 00-0103 Two Tier Athletic Locker *(10 51 13 00-0095)*

Note: Includes three single hooks and one double hook per tier.

10 51 13 00-0104	EA	12" x 12" x 72" Two Tier Athletic Locker	273.17	26.88
		For >50 To 100, Deduct	*-10.97*	
		For >100, Deduct	*-23.55*	
10 51 13 00-0105	EA	12" x 15" x 72" Two Tier Athletic Locker	281.66	26.88
		For >50 To 100, Deduct	*-11.39*	
		For >100, Deduct	*-24.40*	
10 51 13 00-0106	EA	12" x 18" x 72" Two Tier Athletic Locker	293.24	26.88
		For >50 To 100, Deduct	*-11.97*	
		For >100, Deduct	*-25.56*	
10 51 13 00-0107	EA	15" x 15" x 72" Two Tier Athletic Locker	294.99	26.88
		For >50 To 100, Deduct	*-12.06*	
		For >100, Deduct	*-25.74*	
10 51 13 00-0108	EA	15" x 18" x 72" Two Tier Athletic Locker	304.51	26.88
		For >50 To 100, Deduct	*-12.54*	
		For >100, Deduct	*-26.69*	
10 51 13 00-0109	EA	18" x 18" x 72" Two Tier Athletic Locker	316.19	26.88
		For >50 To 100, Deduct	*-13.12*	
		For >100, Deduct	*-27.86*	
10 51 13 00-0110	EA	18" x 21" x 72" Two Tier Athletic Locker	342.42	26.88
		For >50 To 100, Deduct	*-14.43*	
		For >100, Deduct	*-30.48*	

10 51 13 00-0111 Three Tier Athletic Locker *(10 51 13 00-0095)*

Note: Includes one double hook per tier.

10 51 13 00-0112	EA	12" x 12" x 72" Three Tier Athletic Locker	301.10	27.70
		For >50 To 100, Deduct	*-12.29*	
		For >100, Deduct	*-26.23*	
10 51 13 00-0113	EA	12" x 15" x 72" Three Tier Athletic Locker	313.24	27.70
		For >50 To 100, Deduct	*-12.89*	
		For >100, Deduct	*-27.45*	
10 51 13 00-0114	EA	12" x 18" x 72" Three Tier Athletic Locker	329.98	27.70
		For >50 To 100, Deduct	*-13.73*	
		For >100, Deduct	*-29.12*	
10 51 13 00-0115	EA	15" x 15" x 72" Three Tier Athletic Locker	338.55	27.70
		For >50 To 100, Deduct	*-14.16*	
		For >100, Deduct	*-29.98*	
10 51 13 00-0116	EA	15" x 18" x 72" Three Tier Athletic Locker	351.41	27.70
		For >50 To 100, Deduct	*-14.80*	
		For >100, Deduct	*-31.26*	

10 51 13 00-0117 Four Tier Athletic Locker *(10 51 13 00-0095)*

10 51 13 00-0118	EA	12" x 12" x 72" Four Tier Athletic Locker	281.25	28.52
		For >50 To 100, Deduct	*-11.21*	
		For >100, Deduct	*-24.13*	
10 51 13 00-0119	EA	12" x 15" x 72" Four Tier Athletic Locker	297.94	28.52
		For >50 To 100, Deduct	*-12.05*	
		For >100, Deduct	*-25.80*	
10 51 13 00-0120	EA	12" x 18" x 72" Four Tier Athletic Locker	314.63	28.52
		For >50 To 100, Deduct	*-12.88*	
		For >100, Deduct	*-27.47*	
10 51 13 00-0121	EA	15" x 15" x 72" Four Tier Athletic Locker	323.18	28.52
		For >50 To 100, Deduct	*-13.31*	
		For >100, Deduct	*-28.33*	
10 51 13 00-0122	EA	15" x 18" x 72" Four Tier Athletic Locker	329.59	28.52
		For >50 To 100, Deduct	*-13.63*	
		For >100, Deduct	*-28.97*	

10 51 13 00-0123 Six Tier Athletic Locker *(10 51 13 00-0095)*

10 51 13 00-0124	EA	12" x 12" x 72" Six Tier Athletic Locker	310.95	29.33
		For >50 To 100, Deduct	*-12.61*	
		For >100, Deduct	*-26.99*	
10 51 13 00-0125	EA	12" x 15" x 72" Six Tier Athletic Locker	323.78	29.33
		For >50 To 100, Deduct	*-13.26*	
		For >100, Deduct	*-28.27*	
10 51 13 00-0126	EA	12" x 18" x 72" Six Tier Athletic Locker	336.57	29.33
		For >50 To 100, Deduct	*-13.90*	
		For >100, Deduct	*-29.55*	
10 51 13 00-0127	EA	12" x 21" x 72" Six Tier Athletic Locker	383.29	29.33
		For >50 To 100, Deduct	*-16.23*	
		For >100, Deduct	*-34.22*	

10 51 13 00-0128 Metal Locker Accessories *(10 51 13)*

10 51 13 00-0129 Locker Slope Tops *(10 51 13 00-0128)*

10 51 13 00-0130 16 Gauge Continuous Sloping Hood *(10 51 13 00-0129)*

10 51 13 00-0131	LF	12" Deep, 16 Gauge Continuous Slope Top	20.19	3.26
10 51 13 00-0132	LF	15" Deep, 16 Gauge Continuous Slope Top	17.27	3.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0133	LF	18" Deep, 16 Gauge Continuous Slope Top	23.18	3.26
10 51 13 00-0134	LF	21" Deep, 16 Gauge Continuous Slope Top	25.45	3.26
10 51 13 00-0135	LF	24" Deep, 16 Gauge Continuous Slope Top	26.52	3.26
10 51 13 00-0136		**16 Gauge Slope Top Corner Fillers** *(10 51 13 00-0129)*		
10 51 13 00-0137	EA	12" Deep, 16 Gauge Slope Top Corner Fillers	78.82	3.26
10 51 13 00-0138	EA	15" Deep, 16 Gauge Slope Top Corner Fillers	80.48	3.26
10 51 13 00-0139	EA	18" Deep, 16 Gauge Slope Top Corner Fillers	82.12	3.26
10 51 13 00-0140	EA	21" Deep, 16 Gauge Slope Top Corner Fillers	84.12	3.26
10 51 13 00-0141	EA	24" Deep, 16 Gauge Slope Top Corner Fillers	86.10	3.26
10 51 13 00-0142		**20 Gauge Individual Slope Top** *(10 51 13 00-0129)*		
10 51 13 00-0143	EA	12" Wide x 12" Deep 20 Gauge Individual Slope Top	17.56	3.26
10 51 13 00-0144	EA	12" Wide x 15" Deep 20 Gauge Individual Slope Top	17.45	3.26
10 51 13 00-0145	EA	12" Wide x 18" Deep 20 Gauge Individual Slope Top	19.25	3.26
10 51 13 00-0146	EA	15" Wide x 15" Deep 20 Gauge Individual Slope Top	19.25	3.26
10 51 13 00-0147	EA	15" Wide x 18" Deep 20 Gauge Individual Slope Top	19.68	3.26
10 51 13 00-0148	EA	15" Wide x 21" Deep 20 Gauge Individual Slope Top	21.38	3.26
10 51 13 00-0149	EA	18" Wide x 18" Deep 20 Gauge Individual Slope Top	21.38	3.26
10 51 13 00-0150	EA	18" Wide x 21" Deep 20 Gauge Individual Slope Top	23.61	3.26
10 51 13 00-0151	EA	18" Wide x 24" Deep 20 Gauge Individual Slope Top	26.27	3.26
10 51 13 00-0152		**Continuous Slope Top End Closures** *(10 51 13 00-0129)*		
10 51 13 00-0153	PR	12" Deep, Continuous Slope Top End Closures	18.62	3.26
10 51 13 00-0154	PR	15" Deep, Continuous Slope Top End Closures	16.05	3.26
10 51 13 00-0155	PR	18" Deep, Continuous Slope Top End Closures	20.74	3.26
10 51 13 00-0156	PR	21" Deep, Continuous Slope Top End Closures	21.80	3.26
10 51 13 00-0157	PR	24" Deep, Continuous Slope Top End Closures	22.53	3.26
10 51 13 00-0158		**Individual Slope Top End Closures** *(10 51 13 00-0129)*		
10 51 13 00-0159	EA	12" Deep, Individual Slope Top End Closures	12.57	3.26
10 51 13 00-0160	EA	15" Deep, Individual Slope Top End Closures	12.90	3.26
10 51 13 00-0161	EA	18" Deep, Individual Slope Top End Closures	13.64	3.26
10 51 13 00-0162	EA	21" Deep, Individual Slope Top End Closures	14.15	3.26
10 51 13 00-0163	EA	24" Deep, Individual Slope Top End Closures	19.39	3.26
10 51 13 00-0164		**Locker Base** *(10 51 13 00-0128)*		
10 51 13 00-0165		**Closed Front Base** *(10 51 13 00-0164)*		
10 51 13 00-0166	EA	12" Wide, 6" High Closed Front Base	13.14	3.26
10 51 13 00-0167	EA	15" Wide, 6" High Closed Front Base	13.69	3.26
10 51 13 00-0168	EA	18" Wide, 6" High Closed Front Base	14.85	3.26
10 51 13 00-0169	EA	24" Wide, 6" High Closed Front Base	15.40	3.26
10 51 13 00-0170		**Closed End Base** *(10 51 13 00-0164)*		
10 51 13 00-0171	EA	12" Deep, 6" High Closed End Base	14.68	3.26
10 51 13 00-0172	EA	15" Deep, 6" High Closed End Base	14.77	3.26
10 51 13 00-0173	EA	18" Deep, 6" High Closed End Base	15.52	3.26
10 51 13 00-0174	EA	21" Deep, 6" High Closed End Base	16.26	3.26
10 51 13 00-0175	EA	24" Deep, 6" High Closed End Base	17.26	3.26
10 51 13 00-0176		**Recessed Continuous Front "Z" Base** *(10 51 13 00-0164)*		
10 51 13 00-0177	LF	4" High Recessed Continuous Front "Z" Base	14.96	2.45
10 51 13 00-0178		**"Z" Base Ends Or Splice** *(10 51 13 00-0164)*		
10 51 13 00-0179	EA	12" Wide, 4" High Z-Base Ends Or Splice	15.27	3.26
10 51 13 00-0180	EA	15" Wide, 4" High Z-Base Ends Or Splice	17.45	3.26
10 51 13 00-0181	EA	18" Wide, 4" High Z-Base Ends Or Splice	19.68	3.26
10 51 13 00-0182	EA	21" Wide, 4" High Z-Base Ends Or Splice	22.02	3.26
10 51 13 00-0183	EA	24" Wide, 4" High Z-Base Ends Or Splice	24.35	3.26
10 51 13 00-0184		**Locker Front Fillers And End Panels** *(10 51 13 00-0128)*		
10 51 13 00-0185		**Locker Front Fillers** *(10 51 13 00-0184)*		
10 51 13 00-0186	EA	6" Wide x 60" High, 16 Gauge Front Filler	24.40	4.07
10 51 13 00-0187	EA	12" Wide x 60" High, 16 Gauge Front Filler	36.67	4.07
10 51 13 00-0188	EA	6" Wide x 66" High, 16 Gauge Front Filler	26.40	4.07
10 51 13 00-0189	EA	12" Wide x 66" High, 16 Gauge Front Filler	29.43	4.07
10 51 13 00-0190	EA	6" Wide x 72" High, 16 Gauge Front Filler	28.72	4.07
10 51 13 00-0191	EA	12" Wide x 72" High, 16 Gauge Front Filler	39.98	4.07
10 51 13 00-0192	EA	6" Wide x 78" High, 16 Gauge Front Filler	29.36	4.07
10 51 13 00-0193	EA	12" Wide x 78" High, 16 Gauge Front Filler	33.91	4.07
10 51 13 00-0194		**Locker End Panels** *(10 51 13 00-0184)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0195	EA	12" Deep x 60" High, 16 Gauge End Panel	36.45	3.26
10 51 13 00-0196	EA	15" Deep x 60" High, 16 Gauge End Panel	41.15	3.26
10 51 13 00-0197	EA	18" Deep x 60" High, 16 Gauge End Panel	48.55	3.26
10 51 13 00-0198	EA	12" Deep x 72" High, 16 Gauge End Panel	42.70	3.26
10 51 13 00-0199	EA	15" Deep x 72" High, 16 Gauge End Panel	48.42	3.26
10 51 13 00-0200	EA	18" Deep x 72" High, 16 Gauge End Panel	56.03	3.26
10 51 13 00-0201	EA	21" Deep x 72" High, 16 Gauge End Panel	64.29	3.26

10 51 13 00-0202 Locker Recessed Trim *(10 51 13 00-0128)*

10 51 13 00-0203	LF	3" Height, Top Trim For Recessed Lockers	6.82	1.63
10 51 13 00-0204	EA	3" Height, Inside And Outside Top Corner Trim For Recessed Lockers	18.28	3.26
10 51 13 00-0205	EA	60" Height, 3" Wide Side Trim For Recessed Lockers	27.10	3.26
10 51 13 00-0206	EA	66" Height, 3" Wide Side Trim For Recessed Lockers	28.03	3.26
10 51 13 00-0207	EA	72" Height, 3" Wide Side Trim For Recessed Lockers	28.96	3.26
10 51 13 00-0208	EA	78" Height, 3" Wide Side Trim For Recessed Lockers	29.77	3.26

10 51 13 00-0209 Locker Interior Accessories *(10 51 13 00-0128)*

10 51 13 00-0210 Locker Coat Rods *(10 51 13 00-0209)*

10 51 13 00-0211	EA	12" Wide Coat Rod	10.52	3.26
10 51 13 00-0212	EA	15" Wide Coat Rod	11.39	3.26
10 51 13 00-0213	EA	18" Wide Coat Rod	12.16	3.26
10 51 13 00-0214	EA	24" Wide Coat Rod	12.84	3.26

10 51 13 00-0215 Locker Hat Shelf *(10 51 13 00-0209)*

10 51 13 00-0216	EA	12" Wide Hat Shelf	12.35	3.26
10 51 13 00-0217	EA	15" Wide Hat Shelf	14.22	3.26
10 51 13 00-0218	EA	18" Wide Hat Shelf	15.01	3.26
10 51 13 00-0219	EA	24" Wide Hat Shelf	18.13	3.26

10 51 13 00-0220 Locker ADA Compliant Shelf *(10 51 13 00-0209)*

10 51 13 00-0221	EA	ADA Compliant Shelf For Single Tier Lockers Note: Includes an ADA label for locker face.	23.31	4.07

10 51 13 00-0222 Other Interior Locker Accessories *(10 51 13 00-0209)*

10 51 13 00-0223	EA	3" x 10" Bent Plate Shoe Rack	29.84	3.26
10 51 13 00-0224	EA	8" x 10" Mirror	24.01	3.26
10 51 13 00-0225	EA	Additional Hook	7.98	3.26

10 51 13 00-0226 Locker Locks *(10 51 13 00-0128)*

10 51 13 00-0227	EA	Built In Combination Lock	26.19	3.26

10 51 13 00-0228 Locker Repair And Refinishing *(10 51 13)*

10 51 13 00-0229	EA	Replace Single Tier Locker Door	225.40	
10 51 13 00-0230	EA	Replace Two Tier Locker Door	177.56	
10 51 13 00-0231	EA	Replace Three Tier Locker Door	152.99	
10 51 13 00-0232	EA	Replace Four Tier Locker Door	129.83	
10 51 13 00-0233	EA	Replace Six Tier Or Sixteen Person Locker Door	75.80	
10 51 13 00-0234	EA	Realign Metal Locker Door For Proper Closure	33.15	
10 51 13 00-0235	SF	Patch Small Drill Holes in Locker	6.63	

10 51 26 Plastic Lockers *(10 51)*

10 51 26 00-0001 Solid Plastic Lockers *(10 51 26)*

Note: Price per frame. High density polyethylene with homogeneous color throughout. Includes 1/2" door, 3/8" sides, tops, bottoms, rears and shelves. Excludes slope top, base, and locks.

10 51 26 00-0002 Single Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0003	EA	12" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	291.72	25.26
		For >50 To 100, Deduct	*-24.12*	
		For >100, Deduct	*-37.70*	
10 51 26 00-0004	EA	12" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	296.56	25.26
		For >50 To 100, Deduct	*-24.61*	
		For >100, Deduct	*-38.42*	
10 51 26 00-0005	EA	12" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	301.40	25.26
		For >50 To 100, Deduct	*-25.09*	
		For >100, Deduct	*-39.15*	
10 51 26 00-0006	EA	15" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	308.65	25.26
		For >50 To 100, Deduct	*-25.81*	
		For >100, Deduct	*-40.24*	
10 51 26 00-0007	EA	15" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	300.98	25.26
		For >50 To 100, Deduct	*-25.05*	
		For >100, Deduct	*-39.09*	
10 51 26 00-0008	EA	18" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	303.01	25.26
		For >50 To 100, Deduct	*-25.25*	
		For >100, Deduct	*-39.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0009	EA	18" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	299.43	25.26
		For >50 To 100, Deduct	*-24.89*	
		For >100, Deduct	*-38.85*	
10 51 26 00-0010	EA	18" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	319.41	25.26
		For >50 To 100, Deduct	*-26.89*	
		For >100, Deduct	*-41.85*	
10 51 26 00-0011	EA	12" x 12" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	314.81	25.26
		For >50 To 100, Deduct	*-26.43*	
		For >100, Deduct	*-41.16*	
10 51 26 00-0012	EA	12" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	320.18	25.26
		For >50 To 100, Deduct	*-26.97*	
		For >100, Deduct	*-41.97*	
10 51 26 00-0013	EA	12" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	325.56	25.26
		For >50 To 100, Deduct	*-27.51*	
		For >100, Deduct	*-42.77*	
10 51 26 00-0014	EA	15" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	337.85	25.26
		For >50 To 100, Deduct	*-28.73*	
		For >100, Deduct	*-44.62*	
10 51 26 00-0015	EA	15" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	354.76	25.26
		For >50 To 100, Deduct	*-30.43*	
		For >100, Deduct	*-47.15*	
10 51 26 00-0016	EA	18" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	339.39	25.26
		For >50 To 100, Deduct	*-28.89*	
		For >100, Deduct	*-44.85*	
10 51 26 00-0017	EA	18" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	367.04	25.26
		For >50 To 100, Deduct	*-31.65*	
		For >100, Deduct	*-48.99*	
10 51 26 00-0018	EA	12" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	316.95	25.26
		For >50 To 100, Deduct	*-26.64*	
		For >100, Deduct	*-41.48*	
10 51 26 00-0019	EA	12" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	332.71	25.26
		For >50 To 100, Deduct	*-28.22*	
		For >100, Deduct	*-43.85*	
10 51 26 00-0020	EA	12" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	348.48	25.26
		For >50 To 100, Deduct	*-29.80*	
		For >100, Deduct	*-46.21*	
10 51 26 00-0021	EA	15" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	336.93	25.26
		For >50 To 100, Deduct	*-28.64*	
		For >100, Deduct	*-44.48*	
10 51 26 00-0022	EA	15" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	353.63	25.26
		For >50 To 100, Deduct	*-30.31*	
		For >100, Deduct	*-46.98*	
10 51 26 00-0023	EA	15" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	370.35	25.26
		For >50 To 100, Deduct	*-31.98*	
		For >100, Deduct	*-49.49*	
10 51 26 00-0024	EA	18" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	356.91	25.26
		For >50 To 100, Deduct	*-30.64*	
		For >100, Deduct	*-47.48*	
10 51 26 00-0025	EA	18" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	374.57	25.26
		For >50 To 100, Deduct	*-32.41*	
		For >100, Deduct	*-50.12*	
10 51 26 00-0026	EA	12" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	360.44	26.07
		For >50 To 100, Deduct	*-30.83*	
		For >100, Deduct	*-47.81*	
10 51 26 00-0027	EA	12" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	378.11	26.07
		For >50 To 100, Deduct	*-32.60*	
		For >100, Deduct	*-50.46*	
10 51 26 00-0028	EA	12" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	395.76	26.07
		For >50 To 100, Deduct	*-34.36*	
		For >100, Deduct	*-53.11*	
10 51 26 00-0029	EA	15" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	383.37	26.07
		For >50 To 100, Deduct	*-33.12*	
		For >100, Deduct	*-51.25*	
10 51 26 00-0030	EA	15" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	402.01	26.07
		For >50 To 100, Deduct	*-34.99*	
		For >100, Deduct	*-54.04*	
10 51 26 00-0031	EA	15" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	420.63	26.07
		For >50 To 100, Deduct	*-36.85*	
		For >100, Deduct	*-56.84*	
10 51 26 00-0032	EA	18" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	401.65	26.07
		For >50 To 100, Deduct	*-34.95*	
		For >100, Deduct	*-53.99*	
10 51 26 00-0033	EA	18" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	425.89	26.07
		For >50 To 100, Deduct	*-37.38*	
		For >100, Deduct	*-57.63*	
10 51 26 00-0034	EA	18" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	445.46	26.07
		For >50 To 100, Deduct	*-39.33*	
		For >100, Deduct	*-60.56*	

10 51 26 00-0035 Double Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0036	EA	12" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	325.65	26.07
		For >50 To 100, Deduct	*-27.35*	
		For >100, Deduct	*-42.59*	
10 51 26 00-0037	EA	12" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	330.26	26.07
		For >50 To 100, Deduct	*-27.81*	
		For >100, Deduct	*-43.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0038	EA	12" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	337.17	26.07
		For >50 To 100, Deduct	*-28.50*	
		For >100, Deduct	*-44.32*	
10 51 26 00-0039	EA	15" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	334.87	26.07
		For >50 To 100, Deduct	*-28.27*	
		For >100, Deduct	*-43.97*	
10 51 26 00-0040	EA	15" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	347.17	26.07
		For >50 To 100, Deduct	*-29.50*	
		For >100, Deduct	*-45.82*	
10 51 26 00-0041	EA	15" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	376.36	26.07
		For >50 To 100, Deduct	*-32.42*	
		For >100, Deduct	*-50.20*	
10 51 26 00-0042	EA	18" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	337.95	26.07
		For >50 To 100, Deduct	*-28.58*	
		For >100, Deduct	*-44.44*	
10 51 26 00-0043	EA	18" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	352.82	26.07
		For >50 To 100, Deduct	*-30.07*	
		For >100, Deduct	*-46.67*	
10 51 26 00-0044	EA	18" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	379.44	26.07
		For >50 To 100, Deduct	*-32.73*	
		For >100, Deduct	*-50.66*	
10 51 26 00-0045	EA	12" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	336.23	26.07
		For >50 To 100, Deduct	*-28.41*	
		For >100, Deduct	*-44.18*	
10 51 26 00-0046	EA	12" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	360.29	26.07
		For >50 To 100, Deduct	*-30.82*	
		For >100, Deduct	*-47.79*	
10 51 26 00-0047	EA	12" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	367.17	26.07
		For >50 To 100, Deduct	*-31.50*	
		For >100, Deduct	*-48.82*	
10 51 26 00-0048	EA	15" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	364.32	26.07
		For >50 To 100, Deduct	*-31.22*	
		For >100, Deduct	*-48.39*	
10 51 26 00-0049	EA	15" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	380.26	26.07
		For >50 To 100, Deduct	*-32.81*	
		For >100, Deduct	*-50.78*	
10 51 26 00-0050	EA	18" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	383.38	26.07
		For >50 To 100, Deduct	*-33.12*	
		For >100, Deduct	*-51.25*	
10 51 26 00-0051	EA	18" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	400.25	26.07
		For >50 To 100, Deduct	*-34.81*	
		For >100, Deduct	*-53.78*	
10 51 26 00-0052	EA	18" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	417.11	26.07
		For >50 To 100, Deduct	*-36.50*	
		For >100, Deduct	*-56.31*	
10 51 26 00-0053	EA	12" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	386.83	26.88
		For >50 To 100, Deduct	*-33.31*	
		For >100, Deduct	*-51.57*	
10 51 26 00-0054	EA	12" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	403.69	26.88
		For >50 To 100, Deduct	*-34.99*	
		For >100, Deduct	*-54.10*	
10 51 26 00-0055	EA	12" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	412.48	26.88
		For >50 To 100, Deduct	*-35.87*	
		For >100, Deduct	*-55.42*	
10 51 26 00-0056	EA	15" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	408.72	26.88
		For >50 To 100, Deduct	*-35.50*	
		For >100, Deduct	*-54.86*	
10 51 26 00-0057	EA	15" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	426.51	26.88
		For >50 To 100, Deduct	*-37.27*	
		For >100, Deduct	*-57.52*	
10 51 26 00-0058	EA	15" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	444.29	26.88
		For >50 To 100, Deduct	*-39.05*	
		For >100, Deduct	*-60.19*	
10 51 26 00-0059	EA	18" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	411.90	26.88
		For >50 To 100, Deduct	*-35.81*	
		For >100, Deduct	*-55.33*	
10 51 26 00-0060	EA	18" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	449.31	26.88
		For >50 To 100, Deduct	*-39.55*	
		For >100, Deduct	*-60.94*	
10 51 26 00-0061	EA	18" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	467.98	26.88
		For >50 To 100, Deduct	*-41.42*	
		For >100, Deduct	*-63.74*	

10 51 26 00-0062 Triple Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0063	EA	12" x 12" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	321.52	26.88
		For >50 To 100, Deduct	*-26.78*	
		For >100, Deduct	*-41.78*	
10 51 26 00-0064	EA	15" x 15" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	334.17	26.88
		For >50 To 100, Deduct	*-28.04*	
		For >100, Deduct	*-43.67*	
10 51 26 00-0065	EA	15" x 18" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	345.77	26.88
		For >50 To 100, Deduct	*-29.20*	
		For >100, Deduct	*-45.41*	
10 51 26 00-0066	EA	12" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	348.02	26.88
		For >50 To 100, Deduct	*-29.43*	
		For >100, Deduct	*-45.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0067	EA	12" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	375.06	26.88
		For >50 To 100, Deduct	*-32.13*	
		For >100, Deduct	*-49.81*	
10 51 26 00-0068	EA	12" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	375.19	26.88
		For >50 To 100, Deduct	*-32.14*	
		For >100, Deduct	*-49.83*	
10 51 26 00-0069	EA	15" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	389.94	26.88
		For >50 To 100, Deduct	*-33.62*	
		For >100, Deduct	*-52.04*	
10 51 26 00-0070	EA	15" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	404.75	26.88
		For >50 To 100, Deduct	*-35.10*	
		For >100, Deduct	*-54.26*	
10 51 26 00-0071	EA	15" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	419.56	26.88
		For >50 To 100, Deduct	*-36.58*	
		For >100, Deduct	*-56.48*	
10 51 26 00-0072	EA	18" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	407.65	26.88
		For >50 To 100, Deduct	*-35.39*	
		For >100, Deduct	*-54.70*	
10 51 26 00-0073	EA	18" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	423.31	26.88
		For >50 To 100, Deduct	*-36.95*	
		For >100, Deduct	*-57.04*	
10 51 26 00-0074	EA	18" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	438.96	26.88
		For >50 To 100, Deduct	*-38.52*	
		For >100, Deduct	*-59.39*	
10 51 26 00-0075	EA	12" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	410.96	27.70
		For >50 To 100, Deduct	*-35.56*	
		For >100, Deduct	*-55.00*	
10 51 26 00-0076	EA	12" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	426.63	27.70
		For >50 To 100, Deduct	*-37.12*	
		For >100, Deduct	*-57.35*	
10 51 26 00-0077	EA	12" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	437.62	27.70
		For >50 To 100, Deduct	*-38.22*	
		For >100, Deduct	*-59.00*	
10 51 26 00-0078	EA	15" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	431.29	27.70
		For >50 To 100, Deduct	*-37.59*	
		For >100, Deduct	*-58.05*	
10 51 26 00-0079	EA	15" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	436.26	27.70
		For >50 To 100, Deduct	*-38.09*	
		For >100, Deduct	*-58.79*	
10 51 26 00-0080	EA	15" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	454.15	27.70
		For >50 To 100, Deduct	*-39.88*	
		For >100, Deduct	*-61.47*	
10 51 26 00-0081	EA	18" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	424.18	27.70
		For >50 To 100, Deduct	*-36.88*	
		For >100, Deduct	*-56.98*	
10 51 26 00-0082	EA	18" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	460.56	27.70
		For >50 To 100, Deduct	*-40.52*	
		For >100, Deduct	*-62.44*	
10 51 26 00-0083	EA	18" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	486.32	27.70
		For >50 To 100, Deduct	*-43.09*	
		For >100, Deduct	*-66.30*	

10 51 26 00-0084 Four Tier Solid Plastic Lockers *(10 51 26 00-0001)*

10 51 26 00-0085	EA	12" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	371.17	27.70
		For >50 To 100, Deduct	*-31.58*	
		For >100, Deduct	*-49.03*	
10 51 26 00-0086	EA	12" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	381.44	27.70
		For >50 To 100, Deduct	*-32.60*	
		For >100, Deduct	*-50.57*	
10 51 26 00-0087	EA	12" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	400.37	27.70
		For >50 To 100, Deduct	*-34.50*	
		For >100, Deduct	*-53.41*	
10 51 26 00-0088	EA	15" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	398.06	27.70
		For >50 To 100, Deduct	*-34.27*	
		For >100, Deduct	*-53.06*	
10 51 26 00-0089	EA	15" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	422.58	27.70
		For >50 To 100, Deduct	*-36.72*	
		For >100, Deduct	*-56.74*	
10 51 26 00-0090	EA	15" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	430.32	27.70
		For >50 To 100, Deduct	*-37.49*	
		For >100, Deduct	*-57.90*	
10 51 26 00-0091	EA	18" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	426.48	27.70
		For >50 To 100, Deduct	*-37.11*	
		For >100, Deduct	*-57.32*	
10 51 26 00-0092	EA	18" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	439.54	27.70
		For >50 To 100, Deduct	*-38.41*	
		For >100, Deduct	*-59.28*	
10 51 26 00-0093	EA	18" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	477.20	27.70
		For >50 To 100, Deduct	*-42.18*	
		For >100, Deduct	*-64.93*	
10 51 26 00-0094	EA	12" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	425.00	28.52
		For >50 To 100, Deduct	*-36.80*	
		For >100, Deduct	*-56.91*	
10 51 26 00-0095	EA	12" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	443.21	28.52
		For >50 To 100, Deduct	*-38.62*	
		For >100, Deduct	*-59.64*	
10 51 26 00-0096	EA	12" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	445.58	28.52
		For >50 To 100, Deduct	*-38.86*	
		For >100, Deduct	*-59.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0097	EA	15" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	468.53	28.52
		For >50 To 100, Deduct	*-41.15*	
		For >100, Deduct	*-63.44*	
10 51 26 00-0098	EA	15" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	447.29	28.52
		For >50 To 100, Deduct	*-39.03*	
		For >100, Deduct	*-60.25*	
10 51 26 00-0099	EA	15" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	466.53	28.52
		For >50 To 100, Deduct	*-40.95*	
		For >100, Deduct	*-63.14*	
10 51 26 00-0100	EA	18" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	446.56	28.52
		For >50 To 100, Deduct	*-38.95*	
		For >100, Deduct	*-60.14*	
10 51 26 00-0101	EA	18" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	469.61	28.52
		For >50 To 100, Deduct	*-41.26*	
		For >100, Deduct	*-63.60*	
10 51 26 00-0102	EA	18" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	504.14	28.52
		For >50 To 100, Deduct	*-44.71*	
		For >100, Deduct	*-68.78*	

10 51 26 00-0103 Five Tier Solid Plastic Lockers *(10 51 26 00-0001)*

10 51 26 00-0104	EA	12" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	402.29	28.10
		For >50 To 100, Deduct	*-34.61*	
		For >100, Deduct	*-53.60*	
10 51 26 00-0105	EA	12" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	415.00	28.10
		For >50 To 100, Deduct	*-35.88*	
		For >100, Deduct	*-55.50*	
10 51 26 00-0106	EA	12" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	427.72	28.10
		For >50 To 100, Deduct	*-37.15*	
		For >100, Deduct	*-57.41*	
10 51 26 00-0107	EA	15" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	419.62	28.10
		For >50 To 100, Deduct	*-36.34*	
		For >100, Deduct	*-56.20*	
10 51 26 00-0108	EA	15" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	442.40	28.10
		For >50 To 100, Deduct	*-38.62*	
		For >100, Deduct	*-59.61*	
10 51 26 00-0109	EA	15" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	453.42	28.10
		For >50 To 100, Deduct	*-39.72*	
		For >100, Deduct	*-61.27*	
10 51 26 00-0110	EA	18" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	449.58	28.10
		For >50 To 100, Deduct	*-39.34*	
		For >100, Deduct	*-60.69*	
10 51 26 00-0111	EA	18" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	461.88	28.10
		For >50 To 100, Deduct	*-40.57*	
		For >100, Deduct	*-62.54*	
10 51 26 00-0112	EA	18" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	501.83	28.10
		For >50 To 100, Deduct	*-44.56*	
		For >100, Deduct	*-68.53*	
10 51 26 00-0113	EA	12" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	437.69	28.92
		For >50 To 100, Deduct	*-37.98*	
		For >100, Deduct	*-58.71*	
10 51 26 00-0114	EA	12" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	451.95	28.92
		For >50 To 100, Deduct	*-39.41*	
		For >100, Deduct	*-60.85*	
10 51 26 00-0115	EA	12" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	466.19	28.92
		For >50 To 100, Deduct	*-40.83*	
		For >100, Deduct	*-62.99*	
10 51 26 00-0116	EA	15" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	461.21	28.92
		For >50 To 100, Deduct	*-40.34*	
		For >100, Deduct	*-62.24*	
10 51 26 00-0117	EA	15" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	471.23	28.92
		For >50 To 100, Deduct	*-41.34*	
		For >100, Deduct	*-63.74*	
10 51 26 00-0118	EA	15" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	486.25	28.92
		For >50 To 100, Deduct	*-42.84*	
		For >100, Deduct	*-66.00*	
10 51 26 00-0119	EA	18" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	474.71	28.92
		For >50 To 100, Deduct	*-41.69*	
		For >100, Deduct	*-64.26*	
10 51 26 00-0120	EA	18" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	491.93	28.92
		For >50 To 100, Deduct	*-43.41*	
		For >100, Deduct	*-66.85*	
10 51 26 00-0121	EA	18" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	511.91	28.92
		For >50 To 100, Deduct	*-45.41*	
		For >100, Deduct	*-69.84*	

10 51 26 00-0122 Six Tier Solid Plastic Lockers *(10 51 26 00-0001)*

10 51 26 00-0123	EA	15" x 12" x 60" Six Tier Solid Plastic Locker (Tufftec Lockers®)	461.21	28.52
		For >50 To 100, Deduct	*-40.42*	
		For >100, Deduct	*-62.34*	
10 51 26 00-0124	EA	12" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	453.54	29.33
		For >50 To 100, Deduct	*-39.49*	
		For >100, Deduct	*-60.99*	
10 51 26 00-0125	EA	12" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	467.78	29.33
		For >50 To 100, Deduct	*-40.91*	
		For >100, Deduct	*-63.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0126	EA	12" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	477.28	29.33
		For >50 To 100, Deduct	*-41.86*	
		For >100, Deduct	*-64.55*	
10 51 26 00-0127	EA	15" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	496.27	29.33
		For >50 To 100, Deduct	*-43.76*	
		For >100, Deduct	*-67.40*	
10 51 26 00-0128	EA	15" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	501.81	29.33
		For >50 To 100, Deduct	*-44.32*	
		For >100, Deduct	*-68.23*	
10 51 26 00-0129	EA	15" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	505.77	29.33
		For >50 To 100, Deduct	*-44.71*	
		For >100, Deduct	*-68.83*	
10 51 26 00-0130	EA	18" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	507.35	29.33
		For >50 To 100, Deduct	*-44.87*	
		For >100, Deduct	*-69.06*	
10 51 26 00-0131	EA	18" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	524.76	29.33
		For >50 To 100, Deduct	*-46.61*	
		For >100, Deduct	*-71.67*	
10 51 26 00-0132	EA	18" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	547.71	29.33
		For >50 To 100, Deduct	*-48.91*	
		For >100, Deduct	*-75.12*	

10 51 26 00-0133 Solid Plastic Locker Accessories *(10 51 26 00-0001)*

10 51 26 00-0134 Slope Tops For Solid Plastic Lockers *(10 51 26 00-0133)*

Note: Price per frame.

10 51 26 00-0135	EA	Slope Top For Solid Plastic Lockers (Tufftec Lockers®)	22.96

10 51 26 00-0136 Recessed Bases For Solid Plastic Lockers *(10 51 26 00-0133)*

Note: Price per frame.

10 51 26 00-0137	EA	Recessed Base For Solid Plastic Lockers (Tufftec Lockers®)	25.01

10 51 26 00-0138 End Panels For Solid Plastic Lockers *(10 51 26 00-0133)*

Note: Price per frame.

10 51 26 00-0139	EA	End Panel For Solid Plastic Lockers (Tufftec Lockers®)	54.81

10 51 26 00-0140 Venting Options For Solid Plastic Locker Doors *(10 51 26 00-0133)*

Note: Price per frame.

10 51 26 00-0141	EA	Horizontal Venting Option For Solid Plastic Locker Doors	20.55

10 51 26 00-0142 Filler Panels For Solid Plastic Lockers *(10 51 26 00-0133)*

10 51 26 00-0143	EA	Up To 6" Width, Filler Panel For Solid Plastic Lockers (Tufftec Lockers®) Note: Full locker height. Width and height cut to size in the field.	61.46

10 51 26 00-0144 Locker Accessories For Solid Plastic Lockers *(10 51 26 00-0133)*

10 51 26 00-0145	EA	Built In Hasp For Solid Plastic Lockers Note: For removable padlocks. Excludes padlock.	5.13
10 51 26 00-0146	EA	Built In Combination Lock For Solid Plastic Lockers	15.41
10 51 26 00-0147	EA	Built In Key Lock For Solid Plastic Lockers	20.55

10 51 53 Locker Room Benches *(10 51)*

10 51 53 00-0001	LF	Hardwood Bench With Aluminum Pedestals	64.95	4.07
10 51 53 00-0002	LF	Hardwood Bench With Painted Steel Pedestals	52.08	4.07
10 51 53 00-0003	LF	Plastic Laminated Bench With Steel Pedestals	78.94	4.07
10 51 53 00-0004	LF	Solid Plastic Bench With Steel Pedestals	75.49	4.07
10 51 53 00-0005	LF	Aluminum Bench With Aluminum Pedestals	58.91	4.07

10 56 Storage Assemblies *(10 50)*

10 56 13 Metal Storage Shelving *(10 56)*

10 56 13 16 Post-And-Shelf Metal Storage Shelving *(10 56 13)*

10 56 13 16-0001 Baked Enamel Steel Shelving *(10 56 13 16)*

10 56 13 16-0002 7 Shelf Unit, 72" Or 87" High, Full Unit, Open Type *(10 56 13 16-0001)*

10 56 13 16-0003	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 10" Wide Shelf	89.75	17.34
		For >75" To 87" High, Add	*7.44*	
10 56 13 16-0004	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 12" Wide Shelf	90.50	18.22
		For >75" To 87" High, Add	*7.43*	
10 56 13 16-0005	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 15" Wide Shelf	88.30	19.95
		For >75" To 87" High, Add	*7.07*	
10 56 13 16-0006	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 18" Wide Shelf	109.86	21.68
		For >75" To 87" High, Add	*9.11*	
10 56 13 16-0007	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 24" Wide Shelf	122.53	22.55
		For >75" To 87" High, Add	*10.25*	
10 56 13 16-0008	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 30" Wide Shelf	119.35	24.29
		For >75" To 87" High, Add	*9.81*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 13 16-0009		LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 36" Wide Shelf	131.93	26.02
			For >75" To 87" High, Add	*10.93*	
10 56 13 16-0010			3 Shelf Unit, 32" High Base Unit Only, Fully Enclosed *(10 56 13 16-0001)*		
			Note: Adjustable shelves.		
10 56 13 16-0011		LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 10" Wide Shelf	62.23	8.85
10 56 13 16-0012		LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 12" Wide Shelf	61.96	9.45
10 56 13 16-0013		LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 15" Wide Shelf	69.27	10.07
10 56 13 16-0014		LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 18" Wide Shelf	72.16	10.67
10 56 13 16-0015		LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 24" Wide Shelf	82.63	11.36
10 56 13 16-0016			4 Shelf Unit, 40" High Unit *(10 56 13 16-0001)*		
10 56 13 16-0017		LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 10" Wide Shelf	74.77	17.34
10 56 13 16-0018		LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 12" Wide Shelf	62.88	18.22
10 56 13 16-0019		LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 15" Wide Shelf	71.62	19.95
10 56 13 16-0020		LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 18" Wide Shelf	75.56	21.68
10 56 13 16-0021		LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 24" Wide Shelf	85.61	22.55
10 56 16			**Fabricated Wood Storage Shelving** *(10 56)*		
10 56 16 00-0001			Shelving *(10 56 16)*		
10 56 16 00-0002			Built-In Wood Shelving *(10 56 16 00-0001)*		
			Note: Priced by shelf area. Includes hardware and trim.		
10 56 16 00-0003		SF	Built-in Wood Storage Shelving Post And Trimmed Plywood	14.51	2.05
			For Each SF Of Lumber Edge Band, Add	*0.69*	
			For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0004		SF	Built-in Wood Storage Shelving Post And Solid Clear Pine	15.63	2.47
			For Each SF Of Lumber Edge Band, Add	*0.69*	
			For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0005		SF	Built-in Wood Storage Shelving Closet Shelf Of Pine With Rod	15.78	4.11
			For Each SF Of Lumber Edge Band, Add	*0.69*	
			For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0006			Wood Shelving, White Pine, Clear Grade, Wall Mounted *(10 56 16 00-0001)*		
10 56 16 00-0007		LF	1" x 8" White Pine Clear Grade Wood Shelving	12.45	4.93
10 56 16 00-0008		LF	1" x 10" White Pine Clear Grade Wood Shelving	13.58	5.26
10 56 16 00-0009		LF	1" x 12" White Pine Clear Grade Wood Shelving	14.85	5.67
10 56 16 00-0010		SF	Wood Shelving, 2" White Pine Clear Grade	18.80	
10 56 16 00-0011			Plywood Shelf With Edge Band *(10 56 16 00-0001)*		
10 56 16 00-0012		LF	3/4" Plywood Shelf, 12" Wide With Edge Band	14.42	4.93
10 56 16 00-0013		LF	3/4" Plywood Shelf, 24" Wide With Edge Band	21.35	6.16
10 56 16 00-0014			Adjustable Shelf And Rod *(10 56 16 00-0001)*		
10 56 16 00-0015		EA	12" Wide Adjustable Shelf, 3' To 6' Long Including Rod	109.36	18.49
10 56 16 00-0016		EA	12" Wide Adjustable Shelf, 5' To 8' Long Including Rod	131.09	24.65
10 56 16 00-0017			Prefinished Wood Shelves With Brackets And Supports *(10 56 16 00-0001)*		
10 56 16 00-0018		LF	Prefinished Wood Shelves, 8" Wide, With Brackets And Supports	12.97	4.93
10 56 16 00-0019		LF	Prefinished Wood Shelves, 10" Wide, With Brackets And Supports	14.05	5.26
10 56 16 00-0020		SF	Adjustable 3/4" Plastic Laminated Wood Shelves, Recessed Metal Standards	44.26	8.22
10 56 16 00-0021			Wood Shelving, Oak, Clear Grade, Wall Mounted *(10 56 16 00-0001)*		
10 56 16 00-0022		LF	Wood Shelving, 1" X 8" Oak Clear Grade	14.19	7.72
10 56 17			**Wall-Mounted Standards and Shelving** *(10 56)*		
10 56 17 00-0001			Galvanized Steel, Wall Mounted Solid Shelving *(10 56 17)*		
			Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0002		LF	8" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	48.08	8.15
			For Installation On Concrete Walls, Add	*2.30*	
			For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0003		LF	10" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	49.62	8.15
			For Installation On Concrete Walls, Add	*2.30*	
			For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0004		LF	12" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	53.17	8.15
			For Installation On Concrete Walls, Add	*2.30*	
			For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0005		LF	16" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	57.77	8.15
			For Installation On Concrete Walls, Add	*2.30*	
			For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0006		LF	18" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	58.91	8.15
			For Installation On Concrete Walls, Add	*2.30*	
			For Installation On Concrete Block Walls, Add	*2.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 17 00-0007	LF	24" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	68.76	8.15
		For Installation On Concrete Walls, Add	*2.30*	
		For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0008		**304 Stainless Steel, Wall Mounted Solid Shelving** *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0009	LF	8" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	76.00	8.15
		For Installation On Concrete Walls, Add	*2.30*	
		For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0010	LF	10" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	82.97	8.15
		For Installation On Concrete Walls, Add	*2.30*	
		For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0011	LF	12" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	89.98	8.15
		For Installation On Concrete Walls, Add	*2.30*	
		For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0012	LF	16" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	106.07	8.15
		For Installation On Concrete Walls, Add	*2.30*	
		For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0013	LF	18" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	115.60	8.15
		For Installation On Concrete Walls, Add	*2.30*	
		For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0014	LF	24" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	129.37	8.15
		For Installation On Concrete Walls, Add	*2.30*	
		For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0015		**Laminated Particleboard, Wall Mounted Solid Shelving** *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0016	LF	8" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	33.59	8.15
		For Installation On Concrete Walls, Add	*2.30*	
		For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0017	LF	10" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	34.62	8.15
		For Installation On Concrete Walls, Add	*2.30*	
		For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0018	LF	12" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	35.88	8.15
		For Installation On Concrete Walls, Add	*2.30*	
		For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0019	LF	16" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	37.70	8.15
		For Installation On Concrete Walls, Add	*2.30*	
		For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0020	LF	18" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	39.91	8.15
		For Installation On Concrete Walls, Add	*2.30*	
		For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0021	LF	24" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	45.84	8.15
		For Installation On Concrete Walls, Add	*2.30*	
		For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0022		**Chrome Plated Steel, Wall Mounted Wire Shelving** *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0023	LF	14" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving	47.11	8.15
		For Installation On Concrete Walls, Add	*2.30*	
		For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0024	LF	18" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving	52.48	8.15
		For Installation On Concrete Walls, Add	*2.30*	
		For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0025		**Stainless Steel, Wall Mounted Wire Shelving** *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0026	LF	14" Depth, Stainless Steel, Wall Mounted Wire Shelving	105.42	8.15
		For Installation On Concrete Walls, Add	*2.30*	
		For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0027	LF	18" Depth, Stainless Steel, Wall Mounted Wire Shelving	109.53	8.15
		For Installation On Concrete Walls, Add	*2.30*	
		For Installation On Concrete Block Walls, Add	*2.67*	
10 56 17 00-0028		**Wall Mounted Shelving Accessories** *(10 56 17)*		
10 56 17 00-0029	LF	Remove And Reinstall Single Shelf Metal Storage Shelving Unit	28.39	
10 57		**Wardrobe And Closet Specialties** *(10 50)*		
10 57 00 00-0001		**Dormitory Wardrobe Units** *(10 57)*		
10 57 00 00-0002	EA	24" x 24" x 68" Hardwood Veneer Dormitory Wardrobe Unit With Door	1,116.90	150.88
		For Custom Made Units, Add	*564.54*	
10 57 00 00-0003	EA	24" x 24" x 68" Plastic Laminate Dormitory Wardrobe Unit With Door	877.45	150.88
		For Custom Made Units, Add	*420.87*	
10 57 00 00-0004		**Hat And Coat Rack** *(10 57)*		
10 57 00 00-0005		**Single Tier** *(10 57 00 00-0004)*		
10 57 00 00-0006	LF	Single Tier Hat And Coat Rack Baked Enameled Steel	41.73	4.07
		For Custom Made Units, Add	*18.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 57 00 00-0007	LF	Single Tier Hat And Coat Rack Stainless Steel	34.30	4.07
		For Custom Made Units, Add	*14.10*	
10 57 00 00-0008	LF	Single Tier Hat And Coat Rack Aluminum	48.86	4.07
		For Custom Made Units, Add	*22.84*	

10 57 00 00-0009 Double Tier *(10 57 00 00-0004)*

10 57 00 00-0010	LF	Double Tier Hat And Coat Rack Baked Enameled Steel	55.55	4.07
		For Custom Made Units, Add	*25.32*	
10 57 00 00-0011	LF	Double Tier Hat And Coat Rack Stainless Steel	38.67	4.07
		For Custom Made Units, Add	*15.19*	
10 57 00 00-0012	LF	Double Tier Hat And Coat Rack Aluminum	78.23	4.07
		For Custom Made Units, Add	*38.93*	

10 57 00 00-0013 Hospital Wardrobe Units 24" x 24" x 76" With Door *(10 57)*

10 57 00 00-0014	EA	Baked Enamel Steel Hospital Wardrobe 24" x 24" x 76" Unit With Door	701.68	150.88
		For Custom Made Units, Add	*315.41*	
10 57 00 00-0015	EA	Hardwood Hospital Wardrobe 24" x 24" x 76" Unit With Door	834.11	150.88
		For Custom Made Units, Add	*394.86*	
10 57 00 00-0016	EA	Stainless Steel Hospital Wardrobe 24" x 24" x 76" Unit With Door	901.92	150.88
		For Custom Made Units, Add	*435.55*	
10 57 00 00-0017	EA	Plastic Laminate Hospital Wardrobe 24" x 24" x 76" Unit With Door	1,064.24	150.88
		For Custom Made Units, Add	*532.94*	

10 70 Exterior Specialties *(10)*

10 71 Exterior Protection *(10 70)*

10 71 13 Exterior Sun Control Devices *(10 71)*

10 71 13 13 Exterior Shutters *(10 71 13)*

10 71 13 13-0001 Exterior Shutters, High Impact Resistant Plastic, Unfinished *(10 71 13 13)*

10 71 13 13-0002 Louvered Decorative Shutters *(10 71 13 13-0001)*

10 71 13 13-0003	PR	15" x 25" Louvered Shutter, High Impact Resistant Plastic	60.05	24.65
		For Colored Finish, Add	*4.89*	
10 71 13 13-0004	PR	15" x 31" Louvered Shutter, High Impact Resistant Plastic	64.62	25.88
		For Colored Finish, Add	*5.42*	
10 71 13 13-0005	PR	15" x 36" Louvered Shutter, High Impact Resistant Plastic	69.20	27.11
		For Colored Finish, Add	*5.95*	
10 71 13 13-0006	PR	15" x 39" Louvered Shutter, High Impact Resistant Plastic	73.45	28.35
		For Colored Finish, Add	*6.42*	
10 71 13 13-0007	PR	15" x 43" Louvered Shutter, High Impact Resistant Plastic	78.16	29.58
		For Colored Finish, Add	*6.97*	
10 71 13 13-0008	PR	15" x 48" Louvered Shutter, High Impact Resistant Plastic	83.05	30.82
		For Colored Finish, Add	*7.55*	
10 71 13 13-0009	PR	15" x 52" Louvered Shutter, High Impact Resistant Plastic	86.61	32.05
		For Colored Finish, Add	*7.90*	
10 71 13 13-0010	PR	15" x 55" Louvered Shutter, High Impact Resistant Plastic	90.47	33.27
		For Colored Finish, Add	*8.30*	
10 71 13 13-0011	PR	15" x 60" Louvered Shutter, High Impact Resistant Plastic	95.42	34.51
		For Colored Finish, Add	*8.89*	
10 71 13 13-0012	PR	15" x 64" Louvered Shutter, High Impact Resistant Plastic	101.78	35.74
		For Colored Finish, Add	*9.74*	
10 71 13 13-0013	PR	15" x 67" Louvered Shutter, High Impact Resistant Plastic	105.18	36.97
		For Colored Finish, Add	*10.06*	
10 71 13 13-0014	PR	15" x 72" Louvered Shutter, High Impact Resistant Plastic	113.00	38.21
		For Colored Finish, Add	*11.17*	
10 71 13 13-0015	PR	15" x 75" Louvered Shutter, High Impact Resistant Plastic	116.38	39.44
		For Colored Finish, Add	*11.48*	
10 71 13 13-0016	PR	15" x 80" Louvered Shutter, High Impact Resistant Plastic	122.04	40.68
		For Colored Finish, Add	*12.21*	

10 71 13 13-0017 Raised Panel Decorative Shutters *(10 71 13 13-0001)*

10 71 13 13-0018	PR	15" x 35" Raised Panel Shutter, High Impact Resistant Plastic	80.16	27.11
		For Colored Finish, Add	*7.92*	
10 71 13 13-0019	PR	15" x 39" Raised Panel Shutter, High Impact Resistant Plastic	85.50	28.35
		For Colored Finish, Add	*8.59*	
10 71 13 13-0020	PR	15" x 43" Raised Panel Shutter, High Impact Resistant Plastic	89.26	29.58
		For Colored Finish, Add	*8.97*	
10 71 13 13-0021	PR	15" x 47" Raised Panel Shutter, High Impact Resistant Plastic	94.74	30.82
		For Colored Finish, Add	*9.66*	
10 71 13 13-0022	PR	15" x 51" Raised Panel Shutter, High Impact Resistant Plastic	99.55	32.05
		For Colored Finish, Add	*10.23*	
10 71 13 13-0023	PR	15" x 55" Raised Panel Shutter, High Impact Resistant Plastic	104.12	33.27
		For Colored Finish, Add	*10.76*	
10 71 13 13-0024	PR	15" x 59" Raised Panel Shutter, High Impact Resistant Plastic	110.08	34.51
		For Colored Finish, Add	*11.53*	
10 71 13 13-0025	PR	15" x 63" Raised Panel Shutter, High Impact Resistant Plastic	117.70	35.74
		For Colored Finish, Add	*12.61*	
10 71 13 13-0026	PR	15" x 67" Raised Panel Shutter, High Impact Resistant Plastic	123.26	36.97
		For Colored Finish, Add	*13.31*	
10 71 13 13-0027	PR	15" x 71" Raised Panel Shutter, High Impact Resistant Plastic	129.42	38.21
		For Colored Finish, Add	*14.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0028	PR	15" x 75" Raised Panel Shutter, High Impact Resistant Plastic	131.94	39.44
		For Colored Finish, Add	*14.28*	
10 71 13 13-0029	PR	15" x 81" Raised Panel Shutter, High Impact Resistant Plastic	136.58	40.68
		For Colored Finish, Add	*14.82*	

10 71 13 13-0030 Exterior Spanish Cedar Shutters *(10 71 13 13)*

10 71 13 13-0031 12" Width *(10 71 13 13-0030)*

10 71 13 13-0032	PR	12" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	469.04	24.65
		For Arched Tops, Add	*150.00*	
10 71 13 13-0033	PR	12" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	506.53	27.11
		For Arched Tops, Add	*150.00*	
10 71 13 13-0034	PR	12" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	542.38	28.35
		For Arched Tops, Add	*150.00*	
10 71 13 13-0035	PR	12" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	579.88	30.82
		For Arched Tops, Add	*150.00*	
10 71 13 13-0036	PR	12" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	615.74	32.05
		For Arched Tops, Add	*150.00*	
10 71 13 13-0037	PR	12" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	656.08	34.51
		For Arched Tops, Add	*150.00*	
10 71 13 13-0038	PR	12" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	691.94	35.74
		For Arched Tops, Add	*150.00*	
10 71 13 13-0039	PR	12" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	727.79	36.97
		For Arched Tops, Add	*150.00*	
10 71 13 13-0040	PR	12" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	765.29	39.44
		For Arched Tops, Add	*150.00*	

10 71 13 13-0041 14" Width *(10 71 13 13-0030)*

10 71 13 13-0042	PR	14" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	497.55	24.65
		For Arched Tops, Add	*150.00*	
10 71 13 13-0043	PR	14" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	540.74	27.11
		For Arched Tops, Add	*150.00*	
10 71 13 13-0044	PR	14" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	582.30	28.35
		For Arched Tops, Add	*150.00*	
10 71 13 13-0045	PR	14" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	625.49	30.82
		For Arched Tops, Add	*150.00*	
10 71 13 13-0046	PR	14" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	667.06	32.05
		For Arched Tops, Add	*150.00*	
10 71 13 13-0047	PR	14" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	710.25	34.51
		For Arched Tops, Add	*150.00*	
10 71 13 13-0048	PR	14" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	751.81	35.74
		For Arched Tops, Add	*150.00*	
10 71 13 13-0049	PR	14" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	790.51	36.97
		For Arched Tops, Add	*150.00*	
10 71 13 13-0050	PR	14" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	833.71	39.44
		For Arched Tops, Add	*150.00*	

10 71 13 13-0051 16" Width *(10 71 13 13-0030)*

10 71 13 13-0052	PR	16" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	528.91	24.65
		For Arched Tops, Add	*150.00*	
10 71 13 13-0053	PR	16" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	574.95	27.11
		For Arched Tops, Add	*150.00*	
10 71 13 13-0054	PR	16" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	622.21	28.35
		For Arched Tops, Add	*150.00*	
10 71 13 13-0055	PR	16" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	668.26	30.82
		For Arched Tops, Add	*150.00*	
10 71 13 13-0056	PR	16" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	715.52	32.05
		For Arched Tops, Add	*150.00*	
10 71 13 13-0057	PR	16" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	764.41	34.51
		For Arched Tops, Add	*150.00*	
10 71 13 13-0058	PR	16" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	808.82	35.74
		For Arched Tops, Add	*150.00*	
10 71 13 13-0059	PR	16" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	856.08	36.97
		For Arched Tops, Add	*150.00*	
10 71 13 13-0060	PR	16" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	904.98	39.44
		For Arched Tops, Add	*150.00*	

10 71 13 13-0061 18" Width *(10 71 13 13-0030)*

10 71 13 13-0062	PR	18" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	557.42	24.65
		For Arched Tops, Add	*150.00*	
10 71 13 13-0063	PR	18" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	609.17	27.11
		For Arched Tops, Add	*150.00*	
10 71 13 13-0064	PR	18" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	662.13	28.35
		For Arched Tops, Add	*150.00*	
10 71 13 13-0065	PR	18" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	713.87	30.82
		For Arched Tops, Add	*150.00*	
10 71 13 13-0066	PR	18" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	763.98	32.05
		For Arched Tops, Add	*150.00*	
10 71 13 13-0067	PR	18" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	818.58	34.51
		For Arched Tops, Add	*150.00*	
10 71 13 13-0068	PR	18" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	868.68	35.74
		For Arched Tops, Add	*150.00*	
10 71 13 13-0069	PR	18" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	921.64	36.97
		For Arched Tops, Add	*150.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0070	PR	18" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	973.40	39.44
		For Arched Tops, Add	*150.00*	
10 71 13 13-0071		20" Width *(10 71 13 13-0030)*		
10 71 13 13-0072	PR	20" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	585.93	24.65
		For Arched Tops, Add	*150.00*	
10 71 13 13-0073	PR	20" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	643.37	27.11
		For Arched Tops, Add	*150.00*	
10 71 13 13-0074	PR	20" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	699.19	28.35
		For Arched Tops, Add	*150.00*	
10 71 13 13-0075	PR	20" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	759.48	30.82
		For Arched Tops, Add	*150.00*	
10 71 13 13-0076	PR	20" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	815.30	32.05
		For Arched Tops, Add	*150.00*	
10 71 13 13-0077	PR	20" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	872.74	34.51
		For Arched Tops, Add	*150.00*	
10 71 13 13-0078	PR	20" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	928.56	35.74
		For Arched Tops, Add	*150.00*	
10 71 13 13-0079	PR	20" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	984.36	36.97
		For Arched Tops, Add	*150.00*	
10 71 13 13-0080	PR	20" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	1,041.82	39.44
		For Arched Tops, Add	*150.00*	

10 73 Protective Covers *(10 70)*

10 73 13 Awnings *(10 73)*

10 73 13 00-0001 Metal Awnings *(10 73 13)*

Note: Includes metal cover, frame supports and anchoring.

10 73 13 00-0002	SF	Ribbed Aluminum Window Awnings, Clear Weather Resistant Finish	30.23	6.84
10 73 13 00-0003	SF	Ribbed Aluminum Window Awning, Baked Enamel Finish	26.86	6.13
10 73 13 00-0004	SF	Flat Roofed Steel Awning (Per SF Of Covered Area)	64.93	7.10
10 73 13 00-0005	SF	Arched Roofed Steel Awning (Per SF Of Covered Area)	67.29	7.99

10 73 13 00-0006 Canvas Awnings *(10 73 13)*

Note: Includes minimum 12 oz. canvas, frame supports and anchoring.

10 73 13 00-0007	SF	Canvas Awning, Waterproof Fabric Tubular Metal Framing	27.22	5.45
10 73 13 00-0008	SF	Side Protection Canvas For Walkways (Per SF Of Wall Area)	14.58	1.76
10 73 13 00-0009	SF	Replacement Canvas For Awnings	15.65	
		Note: Includes removal of existing canvas cover.		
		For 18 Oz. Vinyl Laminated Polyester Cover, Add	*0.46*	

10 73 16 Canopies *(10 73)*

10 73 16 00-0001 Canopies, Wall Hung, Aluminum Framed And Covered, Prefinished *(10 73 16)*

Note: Includes cover, frame supports and anchoring.

10 73 16 00-0002	EA	8' x 10' Canopy, Aluminum, Wall Hung	2,523.96	334.33
10 73 16 00-0003	EA	8' x 20' Canopy, Aluminum, Wall Hung	4,515.75	535.07
10 73 16 00-0004	EA	10' x 10' Canopy, Aluminum, Wall Hung	3,120.01	418.33
10 73 16 00-0005	EA	10' x 20' Canopy, Aluminum, Wall Hung	5,315.82	559.39

10 73 26 Walkway Coverings *(10 73)*

Note: Pre-engineered includes all framing and steel supports, integral gutter system. Excludes foundations.

10 73 26 00-0001 Steel Walkway/Parking Covers *(10 73 26)*

Note: Factory applied polyester finish.

10 73 26 00-0002	SF	Flat Roofed Steel Walkway/Parking Cover	33.21	4.87
		Note: Includes factory applied polyester finish.		
		For Snow Load (30 PSF), Add	*9.38*	
		For Wind Load (140 MPH), Add	*11.73*	
10 73 26 00-0003	SF	Arch Roofed Steel Walkway/Parking Cover	35.41	5.25
		Note: Includes factory applied polyester finish.		
		For Snow Load (30 PSF), Add	*9.97*	
		For Wind Load (140 MPH), Add	*12.46*	

10 73 26 00-0004 Aluminum Walkway/Parking Covers *(10 73 26)*

10 73 26 00-0005	SF	Flat Roofed Aluminum Walkway/Parking Cover	23.79	4.87
		Note: Includes factory applied polyester finish.		
		For Snow Load (30 PSF), Add	*5.62*	
		For Wind Load (140 MPH), Add	*7.02*	
10 73 26 00-0006	SF	Arch Roofed Aluminum Walkway/Parking Cover	25.81	5.25
		Note: Includes factory applied polyester finish.		
		For Snow Load (30 PSF), Add	*6.13*	
		For Wind Load (140 MPH), Add	*7.66*	

10 75 Flagpoles *(10 70)*

Note: Metal bases are installed in a concrete base and fully rigged. Heights indicated are from ground to top of installed flag pole. Uninstalled lengths are longer. Includes top ball (color and material similar to pole), cleats and cleat cover, all caulking and sealants, and hoisting into place. Excludes excavation and concrete. See CSI section 10 75 16 00-0021 for bases.

10 75 16 Ground-Set Flagpoles *(10 75)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0001		**Free Standing Tapered Fiberglass Flagpoles** *(10 75 16)*		
10 75 16 00-0002	EA	25' Exposed Height, Tapered White Fiberglass Flagpole Note: 6" butt diameter, 3" top diameter and 0.180" wall.	2,856.94	665.33
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*20.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0003	EA	30' Exposed Height, Tapered White Fiberglass Flagpole Note: 6-1/2" butt diameter, 3" top diameter and 0.180" wall.	3,355.23	725.81
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*50.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0004	EA	35' Exposed Height, Tapered White Fiberglass Flagpole Note: 7" butt diameter, 3" top diameter and 0.200" wall.	4,253.35	846.77
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*10.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0005	EA	40' Exposed Height, Tapered White Fiberglass Flagpole Note: 7" butt diameter, 3" top diameter and 0.200" wall.	4,943.35	967.94
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*50.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0006	EA	50' Exposed Height, Tapered White Fiberglass Flagpole Note: 10" butt diameter, 4-1/2" top diameter and 0.275" wall.	9,379.89	1,088.87
		For Internal Halyard, Winch System, Add	*1,700.00*	
		For Bronze Finish, Add	*200.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0007	EA	60' Exposed Height, Tapered White Fiberglass Flagpole Note: 10-1/2" butt diameter, 4-1/2" top diameter and 0.300" wall.	11,184.03	1,209.68
		For Internal Halyard, Winch System, Add	*1,900.00*	
		For Bronze Finish, Add	*160.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0008	EA	70' Exposed Height, Tapered White Fiberglass Flagpole Note: 16" butt diameter, 7" top diameter and 0.325" wall.	19,477.49	1,331.05
		For Internal Halyard, Winch System, Add	*2,860.00*	
		For Bronze Finish, Add	*700.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0009	EA	78' Exposed Height, Tapered White Fiberglass Flagpole Note: 10-3/4" butt diameter, 7" top diameter and 0.350" wall.	25,321.81	1,451.61
		For Internal Halyard, Winch System, Add	*2,900.00*	
		For Bronze Finish, Add	*900.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0010		**Free Standing Tapered Aluminum Flagpoles** *(10 75 16)* Note: Heavy duty.		
10 75 16 00-0011	EA	20' Exposed Height, Tapered Satin Aluminum Flagpole Note: 5" butt diameter, 3" top diameter and 0.188" wall.	2,348.24	604.99
		For Internal Halyard, Winch System, Add	*570.00*	
		For Clear Anodized Finish, Add	*150.00*	
		For Bronze Anodized Finish, Add	*180.00*	
		For Black Anodized Finish, Add	*230.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0012	EA	25' Exposed Height, Tapered Satin Aluminum Flagpole Note: 5-1/2" butt diameter, 3-1/2" top diameter and 0.188" wall.	2,805.04	665.33
		For Internal Halyard, Winch System, Add	*1,100.00*	
		For Clear Anodized Finish, Add	*200.00*	
		For Bronze Anodized Finish, Add	*230.00*	
		For Black Anodized Finish, Add	*320.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0013	EA	30' Exposed Height, Tapered Satin Aluminum Flagpole Note: 6" butt diameter, 3-1/2" top diameter and 0.188" wall.	3,145.49	725.81
		For Internal Halyard, Winch System, Add	*1,390.00*	
		For Clear Anodized Finish, Add	*240.00*	
		For Bronze Anodized Finish, Add	*290.00*	
		For Black Anodized Finish, Add	*400.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0014	EA	35' Exposed Height, Tapered Satin Aluminum Flagpole Note: 7" butt diameter, 3-1/2" top diameter and 0.188" wall.	4,013.04	846.77
		For Internal Halyard, Winch System, Add	*1,340.00*	
		For Clear Anodized Finish, Add	*290.00*	
		For Bronze Anodized Finish, Add	*360.00*	
		For Black Anodized Finish, Add	*480.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0015	EA	40' Exposed Height, Tapered Satin Aluminum Flagpole Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.	5,091.25	967.94
		For Internal Halyard, Winch System, Add	*1,490.00*	
		For Clear Anodized Finish, Add	*390.00*	
		For Bronze Anodized Finish, Add	*480.00*	
		For Black Anodized Finish, Add	*660.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0016	EA	45' Exposed Height, Tapered Satin Aluminum Flagpole Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.	5,605.92	1,028.38
		For Internal Halyard, Winch System, Add	*1,340.00*	
		For Clear Anodized Finish, Add	*400.00*	
		For Bronze Anodized Finish, Add	*500.00*	
		For Black Anodized Finish, Add	*700.00*	
		For Rope Lock Box, Add	*96.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0017	EA	50' Exposed Height, Tapered Satin Aluminum Flagpole Note: 10" butt diameter, 4" top diameter and 0.188" wall.	7,058.14	1,088.87
		For Internal Halyard, Winch System, Add	*1,380.00*	
		For Clear Anodized Finish, Add	*700.00*	
		For Bronze Anodized Finish, Add	*860.00*	
		For Black Anodized Finish, Add	*1,130.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0018	EA	60' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.250" wall.	12,067.24	1,209.68
		For Internal Halyard, Winch System, Add	*1,800.00*	
		For Clear Anodized Finish, Add	*620.00*	
		For Bronze Anodized Finish, Add	*820.00*	
		For Black Anodized Finish, Add	*1,160.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0019	EA	70' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.250" wall.	13,542.43	1,331.05
		For Internal Halyard, Winch System, Add	*1,720.00*	
		For Clear Anodized Finish, Add	*710.00*	
		For Bronze Anodized Finish, Add	*950.00*	
		For Black Anodized Finish, Add	*1,360.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0020	EA	80' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.375" wall.	16,585.26	1,451.61
		For Internal Halyard, Winch System, Add	*2,600.00*	
		For Clear Anodized Finish, Add	*1,100.00*	
		For Bronze Anodized Finish, Add	*1,380.00*	
		For Black Anodized Finish, Add	*1,840.00*	
		For Rope Lock Box, Add	*96.00*	

10 75 16 00-0021 Flagpole Bases *(10 75 16)*

10 75 16 00-0022 Flagpole Concrete Base *(10 75 16 00-0021)*

Note: Includes excavation, forms where necessary, steel casing and reinforcing, metal collar installation, base plate, sand fill, ground spike, concrete and finishing of concrete.

10 75 16 00-0023	EA	30' Or Less Flagpole, Poured Concrete Foundation	1,025.54	
10 75 16 00-0024	EA	35' Flagpole, Poured Concrete Foundation	1,059.96	
10 75 16 00-0025	EA	40' Flagpole, Poured Concrete Foundation	1,220.00	
10 75 16 00-0026	EA	45' Flagpole, Poured Concrete Foundation	1,290.41	
10 75 16 00-0027	EA	50' Flagpole, Poured Concrete Foundation	1,546.27	
10 75 16 00-0028	EA	60' Flagpole, Poured Concrete Foundation	1,873.69	
10 75 16 00-0029	EA	70' Flagpole, Poured Concrete Foundation	2,215.01	
10 75 16 00-0030	EA	80' Flagpole, Poured Concrete Foundation	2,576.28	
10 75 16 00-0031	EA	90' To 100' Flagpole, Poured Concrete Foundation	3,003.96	

10 75 16 00-0032 Direct Embedded Flagpole Base *(10 75 16 00-0021)*

Note: Augured in place, no concrete required.

10 75 16 00-0033	EA	20' To 25' Flagpole, Direct Embedded Pole Base	462.79	
10 75 16 00-0034	EA	30' To 40' Flagpole, Direct Embedded Pole Base	664.71	
10 75 16 00-0035	EA	45' To 55' Flagpole, Direct Embedded Pole Base	741.14	
10 75 16 00-0036	EA	60' To 70' Flagpole, Direct Embedded Pole Base	836.25	

10 75 16 00-0037 Flagpole Accessories *(10 75 16)*

10 75 16 00-0038 Flagpole Tops *(10 75 16 00-0037)*

Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.

10 75 16 00-0039	EA	4" Gold Anodized Aluminum Ball For Top Of Flagpole	93.84	34.64
10 75 16 00-0040	EA	5" Gold Anodized Aluminum Ball For Top Of Flagpole	102.60	36.67
10 75 16 00-0041	EA	6" Gold Anodized Aluminum Ball For Top Of Flagpole	112.53	38.71
10 75 16 00-0042	EA	8" Gold Anodized Aluminum Ball For Top Of Flagpole	142.34	40.75
10 75 16 00-0043	EA	10" Gold Anodized Aluminum Ball For Top Of Flagpole	195.55	42.79
10 75 16 00-0044	EA	12" Gold Anodized Aluminum Ball For Top Of Flagpole	218.35	44.82
10 75 16 00-0045	EA	11-1/4" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish	89.65	44.82
10 75 16 00-0046	EA	15" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish	101.88	50.93

10 75 16 00-0047 Flagpole Accessories *(10 75 16 00-0037)*

Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.

10 75 16 00-0048	LF	5/16" Nylon Wire Core (#10)	0.70	0.06
10 75 16 00-0049	LF	5/16" Polypropylene Wire Cord (#10)	0.36	0.06
10 75 16 00-0050	LF	5/16" Nylon (#10)	0.28	0.06
10 75 16 00-0051	LF	3/8" Nylon Wire Core (#12)	0.93	0.06
10 75 16 00-0052	EA	Refinish Existing Ball	261.08	101.84
10 75 16 00-0053	EA	Aluminum Cleat Box, Locking	234.57	61.10
10 75 16 00-0054	EA	Aluminum Cleat	19.26	4.07
10 75 16 00-0055	LF	1/8" Diameter 7x7 Galvanized Wire Rope	0.46	0.09

10 75 23 Wall-Mounted Flagpoles *(10 75)*

10 75 23 00-0001 Vertical, Wall/Roof Mounted Tapered Aluminum Flagpoles *(10 75 23)*

Note: Includes aluminum brackets, 3" butt diameter and 0.125" wall.

10 75 23 00-0002	EA	14' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish	1,611.16	530.64
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0003	EA	17' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish	1,752.40	583.71
		For Rope Lock Box, Add	*96.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 23 00-0004	EA	20' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish	1,881.93	636.77
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0005	EA	25' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish	2,187.79	742.90
		For Rope Lock Box, Add	*96.00*	

10 75 23 00-0006 Outrigger, Wall Mounted Tapered Aluminum Flagpoles *(10 75 23)*

Note: Includes aluminum base, 3-1/2" butt diameter and 0.125" wall.

10 75 23 00-0007	EA	10' Aluminum Outrigger Flagpole, Wall Mounted, Including Base	2,288.90	477.58
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0008	EA	15' Aluminum Outrigger Flagpole, Wall Mounted, Including Base	2,324.84	530.64
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0009	EA	20' Aluminum Outrigger Flagpole, Wall Mounted, Including Base	2,560.51	636.77
		For Rope Lock Box, Add	*96.00*	

10 80 Other Specialties *(10)*

10 81 Pest Control Devices *(10 80)*

10 81 13 Bird Control Devices *(10 81)*

10 81 13 00-0001 Stainless Steel Spiked Bird Barrier *(10 81 13)*

Note: Stainless steel spikes with flexible polycarbonate base.

10 81 13 00-0002	LF	2-1/2" To 3" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	6.60	0.65
10 81 13 00-0003	LF	4-1/2" To 5" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	7.22	0.65
10 81 13 00-0004	LF	8" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	9.60	0.65

10 81 13 00-0005 Polycarbonate Spiked Bird Barrier *(10 81 13)*

Note: Polycarbonate spikes and base.

10 81 13 00-0006	LF	3" Wide Polycarbonate Spikes And Base Bird Deterrent System	5.06	0.65
10 81 13 00-0007	LF	5" Wide Polycarbonate Spikes And Base Bird Deterrent System	6.12	0.65
10 81 13 00-0008	LF	8" Wide Polycarbonate Spikes And Base Bird Deterrent System	7.32	0.65

10 86 Security Mirrors And Domes *(10 80)*

10 86 00 00-0001 Dome Mirrors *(10 86)*

Note: Includes all mounting hardware. Indoor or outdoor applications.

10 86 00 00-0002 Steel Dome Mirrors *(10 86 00 00-0001)*

10 86 00 00-0003	EA	9" Diameter Full-Dome Steel Dome Mirror	160.19	16.30
10 86 00 00-0004	EA	12" Diameter Full-Dome Steel Dome Mirror	187.34	17.11
10 86 00 00-0005	EA	18" Diameter Full-Dome Steel Dome Mirror	216.11	18.74
10 86 00 00-0006	EA	24" Diameter Full-Dome Steel Dome Mirror	285.95	20.37
10 86 00 00-0007	EA	9" Diameter Half-Dome Steel Dome Mirror	114.99	12.22
10 86 00 00-0008	EA	12" Diameter Half-Dome Steel Dome Mirror	132.15	13.04
10 86 00 00-0009	EA	18" Diameter Half-Dome Steel Dome Mirror	153.90	14.26
10 86 00 00-0010	EA	24" Diameter Half-Dome Steel Dome Mirror	211.82	15.48

10 86 00 00-0011 Plexiglas Dome Mirrors *(10 86 00 00-0001)*

10 86 00 00-0012	EA	18" Diameter Full-Dome Plexiglas Dome Mirror	127.90	18.74
10 86 00 00-0013	EA	26" Diameter Full-Dome Plexiglas Dome Mirror	177.22	20.37
10 86 00 00-0014	EA	32" Diameter Full-Dome Plexiglas Dome Mirror	232.56	23.63
10 86 00 00-0015	EA	36" Diameter Full-Dome Plexiglas Dome Mirror	281.17	28.53
10 86 00 00-0016	EA	48" Diameter Full-Dome Plexiglas Dome Mirror	409.91	40.75
10 86 00 00-0017	EA	18" Diameter Half-Dome Plexiglas Dome Mirror	79.90	14.26
10 86 00 00-0018	EA	26" Diameter Half-Dome Plexiglas Dome Mirror	105.64	15.48
10 86 00 00-0019	EA	32" Diameter Half-Dome Plexiglas Dome Mirror	137.81	17.93
10 86 00 00-0020	EA	36" Diameter Half-Dome Plexiglas Dome Mirror	169.67	21.60
10 86 00 00-0021	EA	48" Diameter Half-Dome Plexiglas Dome Mirror	267.49	30.56
10 86 00 00-0022	EA	18" Diameter Quarter-Dome Plexiglas Dome Mirror	53.30	12.22
10 86 00 00-0023	EA	26" Diameter Quarter-Dome Plexiglas Dome Mirror	67.17	13.45
10 86 00 00-0024	EA	32" Diameter Quarter-Dome Plexiglas Dome Mirror	86.86	15.08
10 86 00 00-0025	EA	36" Diameter Quarter-Dome Plexiglas Dome Mirror	107.75	17.93
10 86 00 00-0026	EA	48" Diameter Quarter-Dome Plexiglas Dome Mirror	176.30	25.47

10 86 00 00-0027 Coated Plexiglas Dome Mirrors *(10 86 00 00-0001)*

10 86 00 00-0028	EA	18" Diameter Full-Dome Coated Plexiglas Dome Mirror	150.65	18.74
10 86 00 00-0029	EA	26" Diameter Full-Dome Coated Plexiglas Dome Mirror	228.26	20.37
10 86 00 00-0030	EA	36" Diameter Full-Dome Coated Plexiglas Dome Mirror	383.24	28.53
10 86 00 00-0031	EA	48" Diameter Full-Dome Coated Plexiglas Dome Mirror	588.54	40.75
10 86 00 00-0032	EA	18" Diameter Half-Dome Coated Plexiglas Dome Mirror	98.98	14.26
10 86 00 00-0033	EA	26" Diameter Half-Dome Coated Plexiglas Dome Mirror	144.14	15.48
10 86 00 00-0034	EA	36" Diameter Half-Dome Coated Plexiglas Dome Mirror	226.26	21.60
10 86 00 00-0035	EA	48" Diameter Half-Dome Coated Plexiglas Dome Mirror	371.78	30.56
10 86 00 00-0036	EA	18" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	72.94	12.22
10 86 00 00-0037	EA	26" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	100.24	13.45
10 86 00 00-0038	EA	32" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	128.57	15.08
10 86 00 00-0039	EA	36" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	164.55	17.93
10 86 00 00-0040	EA	48" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	256.19	25.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 86 00 00-0041		**Circular Convex Security Mirrors** *(10 86)* Note: Includes all mounting hardware.		
10 86 00 00-0042		**Plexiglas Circular Convex Mirrors** *(10 86 00 00-0041)* Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 00 00-0043	EA	12" Diameter Plexiglas Circular Convex Mirrors, Indoor	57.15	13.04
10 86 00 00-0044	EA	18" Diameter Plexiglas Circular Convex Mirrors, Indoor	72.80	14.26
10 86 00 00-0045	EA	26" Diameter Plexiglas Circular Convex Mirrors, Indoor	106.86	15.48
10 86 00 00-0046	EA	30" Diameter Plexiglas Circular Convex Mirrors, Indoor	132.71	17.93
10 86 00 00-0047	EA	36" Diameter Plexiglas Circular Convex Mirrors, Indoor	175.22	21.60
10 86 00 00-0048	EA	48" Diameter Plexiglas Circular Convex Mirrors, Indoor	305.21	30.56
10 86 00 00-0049	EA	18" Diameter Plexiglas Circular Convex Mirrors, Outdoor	91.55	14.26
10 86 00 00-0050	EA	26" Diameter Plexiglas Circular Convex Mirrors, Outdoor	129.05	15.48
10 86 00 00-0051	EA	36" Diameter Plexiglas Circular Convex Mirrors, Outdoor	184.10	21.60
10 86 00 00-0052	EA	48" Diameter Plexiglas Circular Convex Mirrors, Outdoor	331.84	30.56
10 86 00 00-0053		**Coated Plexiglas Circular Convex Mirrors** *(10 86 00 00-0041)* Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 00 00-0054	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	108.86	14.26
10 86 00 00-0055	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	167.44	15.48
10 86 00 00-0056	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	223.36	17.93
10 86 00 00-0057	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	278.40	21.60
10 86 00 00-0058	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	403.96	30.56
10 86 00 00-0059	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	129.16	14.26
10 86 00 00-0060	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	196.29	15.48
10 86 00 00-0061	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	271.06	17.93
10 86 00 00-0062	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	307.25	21.60
10 86 00 00-0063	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	484.95	30.56

END OF SECTION 10

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 Equipment

11 01 Operation And Maintenance Of Equipment *(11)*

11 01 10 Operation And Maintenance Of Vehicle And Pedestrian Equipment *(11 01)*

11 01 10 00-0001 Replacement Parking Equipment *(11 01 10)*

11 01 10 00-0002	EA	10' Wood Arm Replacement With Bolts	302.27	
11 01 10 00-0003	EA	12' Wood Arm Replacement With Bolts	317.03	
11 01 10 00-0004	EA	14' Wood Arm Replacement With Bolts	333.75	
11 01 10 00-0005	EA	12' Aluminum Arm Replacement With Bolts	439.58	
11 01 10 00-0006	EA	14' Aluminum Arm Replacement With Bolts	455.33	
11 01 10 00-0007	EA	16' Aluminum Arm Replacement With Bolts	642.64	
11 01 10 00-0008	EA	18' Aluminum Arm Replacement With Bolts	652.84	
11 01 10 00-0009	EA	20' Aluminum Arm Replacement With Bolts	671.48	
11 01 10 00-0010	EA	22' Aluminum Arm Replacement With Bolts	771.20	
11 01 10 00-0011	EA	24' Aluminum Arm Replacement With Bolts	784.64	

11 10 Vehicle And Pedestrian Equipment *(11)*

11 12 Parking Control Equipment *(11 10)*

11 12 16 Parking Ticket Dispensers *(11 12)*

11 12 16 00-0001 Parking Ticket Dispensers *(11 12 16)*

11 12 16 00-0002	EA	Standard Parking Ticket Dispenser With Printer	5,364.67	148.65
11 12 16 00-0003	EA	Rate Computing Parking Ticket Dispenser With Printer	7,155.22	148.65

11 12 23 Parking Meters *(11 12)*

11 12 23 00-0001 Parking Meters *(11 12 23)*

11 12 23 00-0002	EA	Remove Parking Meter For Replacement Or Reinstall Existing Meter	149.58	

11 12 26 Parking Fee Collection Equipment *(11 12)*

11 12 26 00-0001 Parking Fee Collection Equipment *(11 12 26)*

11 12 26 00-0002	EA	Multiple Station Slot Box For Parking Fee Collection	1,294.55	50.38

11 12 33 Parking Gates *(11 12)*

11 12 33 00-0001 Barrier Parking Gate Operators *(11 12 33)*

11 12 33 00-0002 Barrier Parking Gate Operators *(11 12 33 00-0001)*

Note: Includes operator and barrier arm. Excludes access controls and concrete foundation.

11 12 33 00-0003	EA	12' Plastic Arm, 1/2 HP, 115 VAC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	2,618.67	206.11
		For 230/460 VAC, Add	*322.50*	
11 12 33 00-0004	EA	14' Wood Arm, 1/2 HP, 115 VAC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	2,652.67	206.11
		For 230/460 VAC, Add	*322.50*	
11 12 33 00-0005	EA	14' Aluminum Arm, 1/2 HP, 115 VAC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	2,726.67	206.11
		For 230/460 VAC, Add	*322.50*	
11 12 33 00-0006	EA	20' Three Piece Wood Arm, 1 HP, 115 VAC, Barrier Parking Gate Operator (DKS™ DoorKing® 1602-080)	3,696.40	206.11
		For 230/460 VAC, Add	*322.50*	
11 12 33 00-0007	EA	14' Wood Arm, 1/3 HP, 115 VAC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	4,380.78	206.11
11 12 33 00-0008	EA	14' Aluminum Arm, 1/3 HP, 115 VAC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	4,542.78	206.11

11 12 33 00-0009 Barrier Parking Gate Operators With Tire Shredding Traffic Control Spikes *(11 12 33 00-0001)*

Note: Includes operator, barrier arm and tire shredding traffic control spikes. Excludes access controls and concrete foundation.

11 12 33 00-0010	EA	14' Wood Arm, 1/2 HP, 115 VAC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	7,327.95	412.23
11 12 33 00-0011	EA	14' Wood Arm, 1/2 HP, 115 VAC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	8,679.40	412.23
11 12 33 00-0012	EA	14' Aluminum Arm, 1/2 HP, 115 VAC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	7,424.45	412.23
11 12 33 00-0013	EA	14' Aluminum Arm, 1/2 HP, 115 VAC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	8,775.90	412.23

11 12 33 00-0014 Barrier Parking Gate Operator Accessories *(11 12 33 00-0001)*

11 12 33 00-0015	EA	12' Plastic Replacement Arm For Barrier Parking Gate Operators	87.16	16.58
11 12 33 00-0016	EA	14' Wood Replacement Arm For Barrier Parking Gate Operators	121.16	16.58
11 12 33 00-0017	EA	14' Aluminum Replacement Arm For Barrier Parking Gate Operators	195.16	16.58
11 12 33 00-0018	EA	20' Three Piece Wood Replacement Arm For Barrier Parking Gate Operators	276.16	16.58
11 12 33 00-0019	EA	Folding Wood Replacement Arm For Barrier Parking Gate Operators	268.66	16.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 12 33 00-0020	EA	Folding Plastic Replacement Arm For Barrier Parking Gate Operators	268.66	16.58
11 12 33 00-0021	EA	Folding Aluminum Replacement Arm For Barrier Parking Gate Operators	325.66	16.58
11 12 33 00-0022	EA	Heater Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-092)	360.98	99.49
11 12 33 00-0023	EA	Fan Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-093)	360.98	99.49
11 12 33 00-0024	EA	Single Channel Detector Loop For Barrier Parking Gate Operators (DKS™ DoorKing® 9410-010)	381.76	
11 12 33 00-0025	EA	Two Channel Detector Loop For Barrier Parking Gate Operators (Federal APD DLD-10B)	955.78	
11 12 33 00-0026	EA	36" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls (Federal APD) Note: Includes mounting plate and hardware. Excludes concrete foundation.	541.96	16.58

11 12 36 Tire Shredders *(11 12)*

11 12 36 00-0001 Tire Shredding Traffic Control Spikes *(11 12 36)*

11 12 36 00-0002 Flush Mount, Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*

11 12 36 00-0003	EA	6' Section, Flush Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-081)	1,232.80	265.30

11 12 36 00-0004 Surface Mount, Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*

11 12 36 00-0005	EA	3' Section With End Caps, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-086)	1,833.66	132.66
11 12 36 00-0006	EA	3' Add-On Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-085)	1,347.66	132.66

11 12 36 00-0007 Warning Signs And Signals For Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*

11 12 36 00-0008	EA	Warning Sign For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1615) Note: Includes light and mounting post.	976.99	49.74
11 12 36 00-0009	EA	Traffic Light Assembly For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603) Note: Includes mounting post and hardware.	780.66	66.33

11 13 Loading Dock Equipment *(11 10)*

11 13 13 Loading Dock Bumpers *(11 13)*

11 13 13 00-0001 Laminated Rubber Dock Bumpers *(11 13 13)*

11 13 13 00-0002 4-1/2" Projection, Laminated Rubber Dock Bumpers *(11 13 13 00-0001)*

11 13 13 00-0003	EA	14" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	87.02	16.29
11 13 13 00-0004	EA	24" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	107.18	16.29
11 13 13 00-0005	EA	36" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	135.85	16.29
11 13 13 00-0006	EA	12" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	95.64	16.29
11 13 13 00-0007	EA	14" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	102.70	16.29
11 13 13 00-0008	EA	18" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	115.58	16.29
11 13 13 00-0009	EA	24" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	135.85	16.29
11 13 13 00-0010	EA	36" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	181.54	16.29
11 13 13 00-0011	EA	12" x 12", 4-1/2" Projection, Laminated Rubber Dock Bumper	107.07	16.29
11 13 13 00-0012	EA	12" x 14", 4-1/2" Projection, Laminated Rubber Dock Bumper	115.58	16.29
11 13 13 00-0013	EA	12" x 18", 4-1/2" Projection, Laminated Rubber Dock Bumper	139.88	16.29
11 13 13 00-0014	EA	12" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	157.13	16.29
11 13 13 00-0015	EA	12" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	213.13	16.29
11 13 13 00-0016	EA	11" x 20", 4-1/2" Projection, Laminated Rubber Dock Bumper	129.91	16.29
11 13 13 00-0017	EA	11" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	149.85	16.29
11 13 13 00-0018	EA	11" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	192.52	16.29

11 13 13 00-0019 6" Projection, Laminated Rubber Dock Bumpers *(11 13 13 00-0001)*

11 13 13 00-0020	EA	12" x 10", 6" Projection, Laminated Rubber Dock Bumper	120.33	16.29
11 13 13 00-0021	EA	14" x 10", 6" Projection, Laminated Rubber Dock Bumper	127.38	16.29
11 13 13 00-0022	EA	18" x 10", 6" Projection, Laminated Rubber Dock Bumper	144.41	16.29
11 13 13 00-0023	EA	24" x 10", 6" Projection, Laminated Rubber Dock Bumper	170.39	16.29
11 13 13 00-0024	EA	36" x 10", 6" Projection, Laminated Rubber Dock Bumper	227.62	16.29
11 13 13 00-0025	EA	12" x 12", 6" Projection, Laminated Rubber Dock Bumper	136.01	16.29
11 13 13 00-0026	EA	14" x 12", 6" Projection, Laminated Rubber Dock Bumper	141.83	16.29
11 13 13 00-0027	EA	18" x 12", 6" Projection, Laminated Rubber Dock Bumper	164.79	16.29
11 13 13 00-0028	EA	24" x 12", 6" Projection, Laminated Rubber Dock Bumper	199.06	16.29
11 13 13 00-0029	EA	36" x 12", 6" Projection, Laminated Rubber Dock Bumper	278.47	16.29
11 13 13 00-0030	EA	11" x 20", 6" Projection, Laminated Rubber Dock Bumper	170.28	16.29
11 13 13 00-0031	EA	11" x 24", 6" Projection, Laminated Rubber Dock Bumper	193.35	16.29
11 13 13 00-0032	EA	11" x 36", 6" Projection, Laminated Rubber Dock Bumper	238.60	16.29

11 13 13 00-0033 Extruded Rubber Dock Bumpers *(11 13 13)*

11 13 13 00-0034 1-3/4" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*

11 13 13 00-0035	EA	12" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	47.42	16.29
11 13 13 00-0036	EA	18" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	50.18	16.29
11 13 13 00-0037	EA	24" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	53.81	16.29
11 13 13 00-0038	EA	36" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	61.55	16.29

11 13 13 00-0039 4" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*

11 13 13 00-0040	EA	12" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	59.19	16.29
11 13 13 00-0041	EA	18" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	66.88	16.29
11 13 13 00-0042	EA	24" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	71.45	16.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 13 00-0043	EA	36" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	81.33	16.29
11 13 13 00-0044		**6" Projection, Extruded Rubber Dock Bumpers** *(11 13 13 00-0033)*		
11 13 13 00-0045	EA	12" x 6", 6" Projection, Extruded Rubber Dock Bumper	74.05	16.29
11 13 13 00-0046	EA	18" x 6", 6" Projection, Extruded Rubber Dock Bumper	89.57	16.29
11 13 13 00-0047	EA	24" x 6", 6" Projection, Extruded Rubber Dock Bumper	104.39	16.29
11 13 13 00-0048	EA	36" x 6", 6" Projection, Extruded Rubber Dock Bumper	135.63	16.29
11 13 13 00-0049		**Molded Rubber Dock Bumpers** *(11 13 13)*		
11 13 13 00-0050		**Rectangular Molded Rubber Dock Bumpers** *(11 13 13 00-0049)*		
11 13 13 00-0051	EA	18" x 8", 2" Projection, Rectangular Molded Rubber Dock Bumper	74.54	16.29
11 13 13 00-0052	EA	10" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	65.90	16.29
11 13 13 00-0053	EA	20" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	87.81	16.29
11 13 13 00-0054	EA	30" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	109.69	16.29
11 13 13 00-0055	EA	24" x 12", 3" Projection, Rectangular Molded Rubber Dock Bumper	86.05	16.29
11 13 13 00-0056	EA	13" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	67.87	16.29
11 13 13 00-0057	EA	18" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	85.35	16.29
11 13 13 00-0058	EA	30" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	152.89	16.29
11 13 13 00-0059	EA	13" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	71.80	16.29
11 13 13 00-0060	EA	24" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	99.93	16.29
11 13 13 00-0061	EA	18" x 18", 4" Projection, Rectangular Molded Rubber Dock Bumper	137.35	16.29
11 13 13 00-0062	EA	24" x 12", 6" Projection, Rectangular Molded Rubber Dock Bumper	185.50	16.29
11 13 13 00-0063		**T And L Shaped Rubber Dock Bumpers** *(11 13 13 00-0049)*		
11 13 13 00-0064	EA	22" x 22", 3" Projection, T Shaped Molded Rubber Dock Bumper	97.87	16.29
11 13 13 00-0065	EA	18" x 18", 4" Projection, L Shaped Molded Rubber Dock Bumper	88.93	16.29
11 13 16		**Loading Dock Seals And Shelters** *(11 13)*		
11 13 16 13		**Loading Dock Seals** *(11 13 16)*		
11 13 16 13-0001		**Vinyl Loading Dock Seals** *(11 13 16 13)*		
11 13 16 13-0002	LF	10" Projection, Standard Vinyl Dock Seal	68.88	16.29
11 13 16 13-0003	LF	11" Projection, Standard Vinyl Dock Seal	71.16	16.29
11 13 16 13-0004	LF	12" Projection, Standard Vinyl Dock Seal	72.40	16.29
11 13 16 13-0005	LF	13" Projection, Standard Vinyl Dock Seal	73.55	16.29
11 13 16 13-0006	LF	14" Projection, Standard Vinyl Dock Seal	74.79	16.29
11 13 16 13-0007	LF	15" Projection, Standard Vinyl Dock Seal	75.94	16.29
11 13 16 13-0008	LF	16" Projection, Standard Vinyl Dock Seal	77.18	16.29
11 13 16 13-0009	LF	17" Projection, Standard Vinyl Dock Seal	78.33	16.29
11 13 16 13-0010	LF	18" Projection, Standard Vinyl Dock Seal	79.57	16.29
11 13 16 13-0011	LF	19" Projection, Standard Vinyl Dock Seal	80.72	16.29
11 13 16 13-0012	LF	20" Projection, Standard Vinyl Dock Seal	81.96	16.29
11 13 16 13-0013		**Drape Style, Vinyl Loading Dock Seals** *(11 13 16 13)*		
11 13 16 13-0014	LF	10" Projection, Drape Style Vinyl Dock Seal	54.48	16.29
11 13 16 13-0015	LF	12" Projection, Drape Style Vinyl Dock Seal	55.64	16.29
11 13 16 13-0016	LF	14" Projection, Drape Style Vinyl Dock Seal	58.13	16.29
11 13 16 13-0017	LF	16" Projection, Drape Style Vinyl Dock Seal	60.66	16.29
11 13 16 13-0018	LF	18" Projection, Drape Style Vinyl Dock Seal	63.15	16.29
11 13 16 13-0019	LF	20" Projection, Drape Style Vinyl Dock Seal	65.68	16.29
11 13 16 13-0020	LF	22" Projection, Drape Style Vinyl Dock Seal	68.21	16.29
11 13 16 23		**Loading Dock Shelters** *(11 13 16)*		
11 13 16 23-0001		**Retractable Vinyl Loading Dock Shelter** *(11 13 16 23)*		
11 13 16 23-0002	LF	Retractable Vinyl Dock Shelters, Scissor Arms	100.03	20.36
11 13 16 23-0003		**Rigid Loading Dock Shelters** *(11 13 16 23)*		
11 13 16 23-0004	LF	18" Projection, Rigid Loading Dock Shelter	94.08	19.55
11 13 16 23-0005	LF	24" Projection, Rigid Loading Dock Shelter	98.41	19.55
11 13 16 23-0006	LF	30" Projection, Rigid Loading Dock Shelter	102.31	20.36
11 13 16 23-0007	LF	36" Projection, Rigid Loading Dock Shelter	104.69	20.36
11 13 19		**Stationary Loading Dock Equipment** *(11 13)*		
		Note: Includes all anchor bolts and fasteners.		
11 13 19 13		**Loading Dock Levelers** *(11 13 19)*		
11 13 19 13-0001		**Hydraulic Dock Levelers** *(11 13 19 13)*		
11 13 19 13-0002		**20,000# Hydraulic Dock Levelers** *(11 13 19 13-0001)*		
11 13 19 13-0003	EA	6' x 6', 20,000# Hydraulic Dock Leveler	6,936.87	551.48
11 13 19 13-0004	EA	6' x 8', 20,000# Hydraulic Dock Leveler	7,406.55	612.76
11 13 19 13-0005	EA	6' x 10', 20,000# Hydraulic Dock Leveler	9,110.84	735.31
11 13 19 13-0006	EA	7' x 6', 20,000# Hydraulic Dock Leveler	7,382.11	612.76
11 13 19 13-0007	EA	7' x 8', 20,000# Hydraulic Dock Leveler	8,030.46	674.03

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 19 13-0008	EA	7' x 10', 20,000# Hydraulic Dock Leveler	9,634.76	735.31
11 13 19 13-0009		**25,000# Hydraulic Dock Levelers** *(11 13 19 13-0001)*		
11 13 19 13-0010	EA	6' x 6', 25,000# Hydraulic Dock Leveler	7,089.62	551.48
11 13 19 13-0011	EA	6' x 8', 25,000# Hydraulic Dock Leveler	7,566.02	612.76
11 13 19 13-0012	EA	6' x 10', 25,000# Hydraulic Dock Leveler	9,260.30	735.31
11 13 19 13-0013	EA	7' x 6', 25,000# Hydraulic Dock Leveler	7,532.94	612.76
11 13 19 13-0014	EA	7' x 8', 25,000# Hydraulic Dock Leveler	8,170.88	674.03
11 13 19 13-0015	EA	7' x 10', 25,000# Hydraulic Dock Leveler	9,927.41	735.31
11 13 19 13-0016		**30,000# Hydraulic Dock Levelers** *(11 13 19 13-0001)*		
11 13 19 13-0017	EA	6' x 6', 30,000# Hydraulic Dock Leveler	7,405.69	643.40
11 13 19 13-0018	EA	6' x 8', 30,000# Hydraulic Dock Leveler	7,871.70	735.31
11 13 19 13-0019	EA	6' x 10', 30,000# Hydraulic Dock Leveler	9,613.13	857.86
11 13 19 13-0020	EA	7' x 6', 30,000# Hydraulic Dock Leveler	7,871.70	735.31
11 13 19 13-0021	EA	7' x 8', 30,000# Hydraulic Dock Leveler	8,494.10	827.23
11 13 19 13-0022	EA	7' x 10', 30,000# Hydraulic Dock Leveler	10,235.54	827.23
11 13 19 13-0023		**35,000# Hydraulic Dock Levelers** *(11 13 19 13-0001)*		
11 13 19 13-0024	EA	6' x 6', 35,000# Hydraulic Dock Leveler	7,668.06	612.76
11 13 19 13-0025	EA	6' x 8', 35,000# Hydraulic Dock Leveler	8,134.97	674.03
11 13 19 13-0026	EA	6' x 10', 35,000# Hydraulic Dock Leveler	10,269.36	796.59
11 13 19 13-0027	EA	7' x 6', 35,000# Hydraulic Dock Leveler	8,134.97	674.03
11 13 19 13-0028	EA	7' x 8', 35,000# Hydraulic Dock Leveler	8,827.54	735.31
11 13 19 13-0029	EA	7' x 10', 35,000# Hydraulic Dock Leveler	10,595.94	857.86
11 13 19 13-0030		**40,000# Hydraulic Dock Levelers** *(11 13 19 13-0001)*		
11 13 19 13-0031	EA	6' x 6', 40,000# Hydraulic Dock Leveler	8,153.97	612.76
11 13 19 13-0032	EA	6' x 8', 40,000# Hydraulic Dock Leveler	8,620.44	674.03
11 13 19 13-0033	EA	6' x 10', 40,000# Hydraulic Dock Leveler	10,380.74	796.59
11 13 19 13-0034	EA	7' x 6', 40,000# Hydraulic Dock Leveler	8,620.44	674.03
11 13 19 13-0035	EA	7' x 8', 40,000# Hydraulic Dock Leveler	9,313.56	735.31
11 13 19 13-0036	EA	7' x 10', 40,000# Hydraulic Dock Leveler	11,081.76	857.86
11 13 19 13-0037		**45,000# Hydraulic Dock Levelers** *(11 13 19 13-0001)*		
11 13 19 13-0038	EA	6' x 6', 45,000# Hydraulic Dock Leveler	8,535.63	674.03
11 13 19 13-0039	EA	6' x 8', 45,000# Hydraulic Dock Leveler	9,007.75	735.31
11 13 19 13-0040	EA	6' x 10', 45,000# Hydraulic Dock Leveler	10,761.45	857.86
11 13 19 13-0041	EA	7' x 6', 45,000# Hydraulic Dock Leveler	9,008.67	735.31
11 13 19 13-0042	EA	7' x 8', 45,000# Hydraulic Dock Leveler	9,697.55	796.59
11 13 19 13-0043	EA	7' x 10', 45,000# Hydraulic Dock Leveler	11,457.38	919.14
11 13 19 13-0044		**Manual Dock Levelers** *(11 13 19 13)*		
11 13 19 13-0045		**20,000# Manual Dock Levelers** *(11 13 19 13-0044)*		
11 13 19 13-0046	EA	6' x 6', 20,000# Manual Dock Leveler	5,354.87	551.48
11 13 19 13-0047	EA	6' x 8', 20,000# Manual Dock Leveler	5,834.54	612.76
11 13 19 13-0048	EA	6' x 10', 20,000# Manual Dock Leveler	7,528.84	735.31
11 13 19 13-0049	EA	7' x 6', 20,000# Manual Dock Leveler	5,801.53	612.76
11 13 19 13-0050	EA	7' x 8', 20,000# Manual Dock Leveler	6,448.46	674.03
11 13 19 13-0051	EA	7' x 10', 20,000# Manual Dock Leveler	8,214.10	735.31
11 13 19 13-0052		**40,000# Manual Dock Levelers** *(11 13 19 13-0044)*		
11 13 19 13-0053	EA	6' x 6', 40,000# Manual Dock Leveler	6,711.89	612.76
11 13 19 13-0054	EA	6' x 8', 40,000# Manual Dock Leveler	7,178.36	674.03
11 13 19 13-0055	EA	6' x 10', 40,000# Manual Dock Leveler	7,713.61	796.59
11 13 19 13-0056	EA	7' x 6', 40,000# Manual Dock Leveler	7,178.36	674.03
11 13 19 13-0057	EA	7' x 8', 40,000# Manual Dock Leveler	8,198.45	735.31
11 13 19 13-0058	EA	7' x 10', 40,000# Manual Dock Leveler	9,639.68	857.86
11 13 19 13-0059		**Edge-Of-Dock Levelers** *(11 13 19 13)* Note: Mounted on face of dock, single torsion bar counter balance, includes bumpers.		
11 13 19 13-0060		**Hydraulic Edge-Of-Dock Levelers** *(11 13 19 13-0059)*		
11 13 19 13-0061	EA	66" Usable Width, 20,000# Edge-Of-Dock Leveler, Hydraulic	2,934.73	183.83
11 13 19 13-0062	EA	72" Usable Width, 20,000# Edge-Of-Dock Leveler, Hydraulic	3,161.65	183.83
11 13 19 13-0063	EA	66" Usable Width, 25,000# Edge-Of-Dock Leveler, Hydraulic	3,135.08	183.83
11 13 19 13-0064	EA	72" Usable Width, 25,000# Edge-Of-Dock Leveler, Hydraulic	3,447.12	183.83
11 13 19 13-0065		**Manual Edge-Of-Dock Levelers** *(11 13 19 13-0059)*		
11 13 19 13-0066	EA	66" Usable Width, 20,000# Edge-Of-Dock Leveler, Manual	1,523.77	183.83
11 13 19 13-0067	EA	72" Usable Width, 20,000# Edge-Of-Dock Leveler, Manual	1,520.02	183.83
11 13 19 13-0068	EA	66" Usable Width, 25,000# Edge-Of-Dock Leveler, Manual	1,567.04	183.83
11 13 19 13-0069	EA	72" Usable Width, 25,000# Edge-Of-Dock Leveler, Manual	1,676.20	183.83

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 19 23		**Stationary Loading Dock Lifts** *(11 13 19)*		
11 13 19 23-0001		Top Of Ground, Fixed Platform Lifts *(11 13 19 23)*		
11 13 19 23-0002	EA	6' x 8', 5,500# Top Of Ground, Fixed Platform Lift	13,609.83	164.33
11 13 19 23-0003		Pit Mounted, Fixed Platform Lifts *(11 13 19 23)*		
11 13 19 23-0004	EA	6' x 8', 5,000# Fixed Platform Lift, Pit Mounted	8,309.69	164.33
11 13 19 23-0005	EA	6' x 8', 8,000# Fixed Platform Lift, Pit Mounted	16,050.76	246.50
11 13 19 23-0006	EA	7' x 12', 15,000# Fixed Platform Lift, Pit Mounted	30,415.88	493.00
11 13 19 23-0007	EA	8' x 20', 15,000# Fixed Platform Lift, Pit Mounted	29,352.75	657.33
11 13 19 26		**Loading Dock Truck Lifts** *(11 13 19)*		
11 13 19 26-0001		Hydraulic Truck Lifts *(11 13 19 26)*		
11 13 19 26-0002	EA	10' x 15', 60,000# Platform Truck Lift	26,156.34	1,295.67
11 13 19 26-0003	EA	10' x 20', 60,000# Platform Truck Lift	29,910.12	1,554.81
11 13 19 33		**Loading Dock Truck Restraints** *(11 13 19)*		
11 13 19 33-0001		Truck Restraint System *(11 13 19 33)* Note: Includes push button controls, warning lights, alarms, 30,000 lb holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.		
11 13 19 33-0002	EA	Truck Restraint System	6,551.97	600.50
11 13 23		**Portable Dock Equipment** *(11 13)*		
11 13 23 23		**Portable Dock Platforms** *(11 13 23)*		
11 13 23 23-0001	EA	6' x 6', 5,000# Capacity Portable Platform Lift	13,703.95	82.91
11 13 26		**Loading Dock Lights** *(11 13)*		
11 13 26 00-0001		Communication Lights *(11 13 26)*		
11 13 26 00-0002	EA	Console Controlled, Dock Communication Light, Stop And Go Red Light Style, 12 Or 24 Volt DC Or 115 Volt AC Note: Excludes control console.	218.37	61.93
11 13 26 00-0003	EA	Toggle Switch Controlled, Dock Communication Light, Stop And Go Red Light Style, With Solid State Flasher, 12 Or 24 Volt DC Or 115 Volt AC	265.78	61.93
11 13 26 00-0004	EA	Dock Guide Light For Truck Backing	125.93	49.55
11 13 26 00-0005		Communication Lights Controls *(11 13 26)*		
11 13 26 00-0006	EA	Dock Communication Lights Control Console For Up To Two Docks	246.45	82.58
11 13 26 00-0007		Loading Dock Lights *(11 13 26)*		
11 13 26 00-0008		Incandescent Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0009	EA	24" Long, Single Arm Loading Dock Light, 300W Incandescent	281.21	82.58
11 13 26 00-0010	EA	40" Long, Dual Arm Loading Dock Light, 300W Incandescent	295.91	82.58
11 13 26 00-0011	EA	60" Long, Dual Arm Loading Dock Light, 300W Incandescent	321.69	82.58
11 13 26 00-0012		Metal Halide Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0013	EA	24" Long, Single Arm Loading Dock Light, 100W Metal Halide	469.05	82.58
11 13 26 00-0014	EA	40" Long, Dual Arm Loading Dock Light, 100W Metal Halide	515.09	82.58
11 13 26 00-0015	EA	60" Long, Dual Arm Loading Dock Light, 100W Metal Halide	551.91	82.58
11 13 26 00-0016		Quartz Halogen Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0017	EA	24" Long, Single Arm Loading Dock Light, 500W Quartz Halogen	290.73	82.58
11 13 26 00-0018	EA	40" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	319.87	82.58
11 13 26 00-0019	EA	60" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	344.73	82.58
11 14		Pedestrian Control Equipment *(11 10)*		
11 14 13		**Pedestrian Gates** *(11 14)*		
11 14 13 16		**Rotary Gates** *(11 14 13)*		
11 14 13 16-0001		Access Control Indoor Or Outdoor Impenetrability *(11 14 13 16)*		
11 14 13 16-0002		Mechanical *(11 14 13 16-0001)*		
11 14 13 16-0003		Galvanized Steel *(11 14 13 16-0002)*		
11 14 13 16-0004	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Galvanized Steel	6,671.92	1,061.69
11 14 13 16-0005	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	7,457.94	1,061.69
11 14 13 16-0006	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	14,565.56	1,584.00
11 14 13 16-0007	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Or 4 Rotor Sections, Galvanized Steel	14,132.09	1,584.00
11 14 13 16-0008		Powder Coated Steel *(11 14 13 16-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0009	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	7,468.06	1,061.69
11 14 13 16-0010	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Powder Coated Steel	8,223.74	1,061.69
11 14 13 16-0011	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	17,037.79	1,584.00
11 14 13 16-0012	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	15,438.28	1,584.00
11 14 13 16-0013		Anodized Aluminum *(11 14 13 16-0002)*		
11 14 13 16-0014	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	7,813.39	1,061.69
11 14 13 16-0015	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	13,103.17	1,061.69
11 14 13 16-0016	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	15,374.71	1,584.00
11 14 13 16-0017	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	25,338.74	1,584.00
11 14 13 16-0018		Stainless Steel *(11 14 13 16-0002)*		
11 14 13 16-0019	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	11,996.37	1,061.69
11 14 13 16-0020	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Stainless Steel	13,392.15	1,061.69
11 14 13 16-0021	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	19,189.24	1,584.00
11 14 13 16-0022	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	23,726.23	1,584.00
11 14 13 16-0023		Transparent *(11 14 13 16-0002)*		
11 14 13 16-0024	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Transparent	23,217.47	1,061.85
11 14 13 16-0025		Mechanical Options *(11 14 13 16-0001)*		
11 14 13 16-0026	EA	Out-of-Use Lock Option, Add	122.82	
11 14 13 16-0027	EA	Heel Protector (Each Heel Protector), Add	86.69	
11 14 13 16-0028		Electrical, One-Way *(11 14 13 16-0001)*		
11 14 13 16-0029		Galvanized Steel *(11 14 13 16-0028)*		
11 14 13 16-0030	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	7,020.14	1,061.69
11 14 13 16-0031	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	7,807.61	1,061.69
11 14 13 16-0032	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	15,865.97	1,584.00
11 14 13 16-0033	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	14,694.16	1,584.00
11 14 13 16-0034	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	15,865.97	1,584.00
11 14 13 16-0035		Powder Coated Steel *(11 14 13 16-0028)*		
11 14 13 16-0036	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	7,814.83	1,061.69
11 14 13 16-0037	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	8,694.78	1,061.69
11 14 13 16-0038	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	20,936.13	1,584.00
11 14 13 16-0039	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	16,007.57	1,584.00
11 14 13 16-0040	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	17,182.28	1,584.00
11 14 13 16-0041		Anodized Aluminum *(11 14 13 16-0028)*		
11 14 13 16-0042	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	7,959.32	1,061.69
11 14 13 16-0043	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	8,407.24	1,061.69
11 14 13 16-0044	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	13,536.64	1,061.69
11 14 13 16-0045	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	16,170.85	1,584.00
11 14 13 16-0046	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	17,888.83	1,584.00
11 14 13 16-0047	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	26,088.64	1,584.00
11 14 13 16-0048		Stainless Steel *(11 14 13 16-0028)*		
11 14 13 16-0049	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	12,726.05	1,061.69
11 14 13 16-0050	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	13,578.54	1,061.69
11 14 13 16-0051	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	21,899.87	1,584.00
11 14 13 16-0052	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	24,840.25	1,584.00
11 14 13 16-0053	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	27,295.13	1,584.00
11 14 13 16-0054		Transparent *(11 14 13 16-0028)*		
11 14 13 16-0055	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	21,227.84	1,061.85
11 14 13 16-0056	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	22,435.77	1,061.85
11 14 13 16-0057	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	22,963.16	1,061.85
11 14 13 16-0058	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	37,683.96	1,584.00
11 14 13 16-0059	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	40,010.25	1,584.00
11 14 13 16-0060		Electrical, Two-Way *(11 14 13 16-0001)*		
11 14 13 16-0061		Galvanized Steel *(11 14 13 16-0060)*		
11 14 13 16-0062	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	7,522.96	1,061.69
11 14 13 16-0063	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	8,333.55	1,061.69
11 14 13 16-0064	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	18,628.62	1,584.00
11 14 13 16-0065	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	15,591.44	1,584.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0066		**Powder Coated Steel** *(11 14 13 16-0060)*		
11 14 13 16-0067	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	8,255.53	1,061.69
11 14 13 16-0068	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	9,186.04	1,061.69
11 14 13 16-0069	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	21,372.49	1,584.00
11 14 13 16-0070	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	16,912.08	1,584.00
11 14 13 16-0071		**Anodized Aluminum** *(11 14 13 16-0060)*		
11 14 13 16-0072	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	8,454.92	1,061.69
11 14 13 16-0073	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	8,882.61	1,061.69
11 14 13 16-0074	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	14,113.15	1,061.69
11 14 13 16-0075	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	17,180.83	1,584.00
11 14 13 16-0076	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	27,026.38	1,584.00
11 14 13 16-0077		**Stainless Steel** *(11 14 13 16-0060)*		
11 14 13 16-0078	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	13,214.42	1,061.69
11 14 13 16-0079	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	14,081.36	1,061.69
11 14 13 16-0080	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	22,258.21	1,584.00
11 14 13 16-0081	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	25,562.70	1,584.00
11 14 13 16-0082	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	28,292.11	1,584.00
11 14 13 16-0083		**Transparent** *(11 14 13 16-0060)*		
11 14 13 16-0084	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	21,646.86	1,061.85
11 14 13 16-0085	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	22,782.55	1,061.85
11 14 13 16-0086	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	23,434.20	1,061.85
11 14 13 16-0087	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	38,565.35	1,584.00
11 14 13 16-0088	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	40,732.70	1,584.00
11 14 13 16-0089		**Electrical Options** *(11 14 13 16-0001)*		
11 14 13 16-0090	EA	Additional Set Of Electric Controls, Per Rotor, Add	481.15	
11 14 13 16-0091	EA	Indicator Lights, Set, Red/Green, Per Controlled Direction, Add	338.11	
11 14 13 16-0092	EA	Time-Out-Relay, Per Controlled Direction	111.26	
11 14 13 16-0093	EA	Pulse-Relay, Per Controlled Direction	111.26	
11 14 13 16-0094	EA	Pushbutton, Per Controlled Direction	88.14	
11 14 13 16-0095	EA	Heel Protectors, (Per Heel Protector), Add	86.69	
11 14 13 16-0096	EA	Card Reader Mounting Pad, Per Reader	79.47	
11 14 13 16-0097	EA	Hydraulic Speed Control (Per Rotor), Add	2,018.53	
11 14 13 16-0098		**Relocate Rotary Gate** *(11 14 13 16-0001)*		
11 14 13 16-0099	EA	Relocate Rotary Gate	3,118.69	
11 14 13 19		**Turnstiles** *(11 14 13)*		
11 14 13 19-0001		**Security Turnstiles** *(11 14 13 19)*		
11 14 13 19-0002	EA	7' Security Turnstile With Automatic Control Free Turning Note: One direction, Type B.	6,903.18	526.94
11 14 13 19-0003	EA	7' Security Turnstile, Type B Free Turning In Both Directions	6,112.11	526.94
11 14 13 19-0004	EA	7' Security Turnstile With Automatic Control Free Turning Note: One direction, Type AA.	8,130.48	526.94
11 14 13 19-0005	EA	7' Security Turnstile, Type AA Free Turning In Both Directions	7,406.21	526.94
11 14 13 19-0006		**Turnstiles** *(11 14 13 19)*		
11 14 13 19-0007	EA	24" Diameter Manual Turnstile, Three Arm, Two Way	1,503.17	308.12
11 14 13 19-0008	EA	24" Diameter Manual Turnstile, Three Arm, Two Way With Counter	1,910.02	308.12

11 20 Commercial Equipment *(11)*

11 22 Refrigerated Display Equipment *(11 20)*

11 22 00 00-0001		**Dairy Products** *(11 22)*		
11 22 00 00-0002		**Refrigerated Dairy Case** *(11 22 00 00-0001)*		
11 22 00 00-0003	LF	Refrigerated Case, Dairy, Multi-Deck	1,266.73	309.84
		For Rear Sliding Doors, Add	*19.95*	
11 22 00 00-0004		**Refrigerated Milk Unit** *(11 22 00 00-0001)*		
11 22 00 00-0005	EA	46" x 32" x 49-1/2" Capacity: 12, 13" x 13" x 11" Refrigerated Milk Unit	4,839.89	173.10
11 22 00 00-0006		**Refrigerated Ice Cream And Milk Dispenser** *(11 22 00 00-0001)*		
11 22 00 00-0007	EA	63-1/2" x 28-1/2" x 35-3/8" Refrigerated Ice Cream And Milk Dispenser	5,365.57	190.10

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 22 00 00-0008		Ice Cream Dispenser *(11 22 00 00-0001)*		
11 22 00 00-0009	EA	46" x 28-1/2" x 35-3/8" Refrigerated Ice Cream Dispenser	4,481.82	160.06
11 22 00 00-0010		Drop-In Ice Cream Freezer *(11 22 00 00-0001)*		
11 22 00 00-0011	EA	27-7/8" x 16-9/16" x 28-1/4" 6 Gallon Drop-In Ice Cream Freezer	1,117.69	39.84
11 22 00 00-0012	EA	30" x 27-7/8" x 28-1/4" 12 Gallon Drop-In Ice Cream Freezer	1,460.52	52.09
11 22 00 00-0013		Ice Cream Cabinets *(11 22 00 00-0001)*		
11 22 00 00-0014	EA	46" x 32" x 42", 24 Gallon Ice Cream Cabinet	3,500.46	124.49
11 22 00 00-0015	EA	68" x 32" x 42", 48 Gallon Ice Cream Cabinet	4,987.45	179.66
11 22 00 00-0016		Delicatessen Case, Service Deli *(11 22)*		
11 22 00 00-0017	LF	Delicatessen Case, Single-Deck	1,195.89	258.20
11 22 00 00-0018	LF	Delicatessen Case, Multi-Deck	1,376.29	309.84
11 22 00 00-0019	EA	Delicatessen Case, 3 Shelf, 32" x 23" x 23"	1,300.02	57.43
11 22 00 00-0020		Meat Case *(11 22)*		
11 22 00 00-0021	LF	Meat Case, Single - Deck	977.32	309.84
11 22 00 00-0022	LF	Meat Case, Multi - Deck	1,054.14	309.84
11 22 00 00-0023		Produce Case *(11 22)*		
11 22 00 00-0024	LF	Produce Case, Single - Deck	1,007.70	309.84
11 22 00 00-0025	LF	Produce Case, Multi - Deck	1,102.61	309.84
11 22 00 00-0026		Bottle Coolers *(11 22)*		
11 22 00 00-0027	EA	Bottle Cooler, 6' Long	3,640.17	1,032.81
11 22 00 00-0028	EA	Bottle Cooler, 10' Long	5,623.76	1,549.21
11 22 00 00-0029		Cold Pan Units *(11 22)*		
11 22 00 00-0030	EA	5" x 48", Iced, Cold Pan Units	1,791.44	63.39
11 22 00 00-0031	EA	5" x 72", Iced, Cold Pan Units	2,489.15	88.68
11 22 00 00-0032	EA	8" x 72", Iced, Cold Pan Units	2,943.06	104.89
11 22 00 00-0033	EA	5" x 48", Mechanical, Cold Pan Units	3,025.80	108.37
11 22 00 00-0034	EA	8" x 48", Mechanical, Cold Pan Units	3,292.90	116.99
11 22 00 00-0035	EA	8" x 72", Mechanical, Cold Pan Units	3,912.40	138.24
11 22 00 00-0036		Cold Cabinets (Insulated) *(11 22)*		
11 22 00 00-0037	EA	69-3/4" x 32" x 24", Insulated Cold Cabinet	1,625.69	54.85

11 24 Maintenance Equipment *(11 20)*

11 24 29 Facility Fall Protection *(11 24)*

11 24 29 00-0001		Safety And Tie-Back Anchors *(11 24 29)* Note: One cut sheet charge required per manufacturer order. Excludes flashing and testing by engineer after installation. See CSI section 01 22 20 00-0038 for engineering testing and inspection.		
11 24 29 00-0002		Roof Mounted, Safety And Tie-Back Anchors *(11 24 29 00-0001)* Note: Includes up to 10" high, 0.216" thick hollow structural section tube, 1018 steel forged pad eye, 8" x 8" x 1/2" base plate and hot-dipped galvanized finish.		
11 24 29 00-0003	EA	Mechanically Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.	389.39	61.12
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 24 29 00-0004	EA	Epoxy Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete and adhesive anchor systems.	334.69	61.12
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 24 29 00-0005	EA	Welded In Place, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)	287.79	64.88
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 24 29 00-0006		Wall Mounted, Safety And Tie-Back Anchor *(11 24 29 00-0001)* Note: Includes 1018 steel forged pad eye, 10" x 4" x 1/2" base plate and hot-dipped galvanized finish.		
11 24 29 00-0007	EA	Mechanically Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.	305.57	61.12
		For Stainless Steel Pad Eye, Add	*40.00*	
11 24 29 00-0008	EA	Epoxy Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete and adhesive anchor systems.	278.97	61.12
		For Stainless Steel Pad Eye, Add	*40.00*	
11 24 29 00-0009	EA	Welded In Place, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	258.53	64.88
		For Stainless Steel Pad Eye, Add	*40.00*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 24 29 00-0010		**Safety And Tie-Back Anchor Accessories** *(11 24 29 00-0001)*		
11 24 29 00-0011	EA	Mandatory Cut Sheets For Safety And Tie-Back Anchors (Summit Anchor) Note: One cut sheet required per order.	212.84	

11 26 Unit Kitchens *(11 20)*

11 26 13 Metal Unit Kitchens *(11 26)*

Note: Includes electrical hook-up to outlet, supply line connection to service stops, and drain line and p-trap. Excludes garbage disposer and hood exhaust vent piping.

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 26 13 00-0001		**30" Compact Kitchen** *(11 26 13)*		
11 26 13 00-0002	EA	30" Compact Unit Kitchen With Refrigerator, Range And Sink	1,972.15	396.48
		For Gas Unit, Add	*216.53*	
11 26 13 00-0003	EA	30" Compact Unit Kitchen With Refrigerator And Sink	1,695.07	277.54
11 26 13 00-0004	EA	30" Compact Unit Kitchen With Refrigerator And Range	1,555.77	237.89
11 26 13 00-0005	EA	30" Compact Unit Kitchen Cabinet For Upper Wall Section	484.40	244.40
11 26 13 00-0006	EA	30" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,004.86	162.93
		For Range Hood In Upper Section, Add	*179.00*	
11 26 13 00-0007	EA	30" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	63.91	13.26
11 26 13 00-0008	EA	30" Compact Unit Kitchen Stainless Steel Shield For Side Wall	57.27	13.26
11 26 13 00-0009		**42" Compact Kitchen** *(11 26 13)*		
11 26 13 00-0010	EA	42" Compact Unit Kitchen With Refrigerator, Range And Sink	2,304.25	436.13
		For Gas Unit, Add	*258.41*	
11 26 13 00-0011	EA	42" Compact Unit Kitchen With Refrigerator And Sink	2,089.66	356.83
11 26 13 00-0012	EA	42" Compact Unit Kitchen Cabinet For Upper Wall Section	616.98	138.49
11 26 13 00-0013	EA	42" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,166.59	183.30
		For Range Hood In Upper Section, Add	*179.00*	
11 26 13 00-0014	EA	42" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	77.18	13.26
11 26 13 00-0015	EA	42" Compact Unit Kitchen Stainless Steel Shield For Side Wall	64.10	13.26
11 26 13 00-0016		**54" Compact Kitchen** *(11 26 13)*		
11 26 13 00-0017	EA	54" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink	3,130.14	555.07
		For Gas Unit, Add	*358.51*	
11 26 13 00-0018	EA	54" Compact Unit Kitchen Cabinet For Upper Wall Section	765.86	81.47
11 26 13 00-0019	EA	54" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,297.33	203.66
		For Range Hood In Upper Section, Add	*179.00*	
11 26 13 00-0020	EA	54" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	89.98	13.26
11 26 13 00-0021	EA	54" Compact Unit Kitchen Stainless Steel Shield For Side Wall	66.61	13.26
11 26 13 00-0022		**60" Compact Kitchen** *(11 26 13)*		
11 26 13 00-0023	EA	60" Compact Unit Kitchen With Refrigerator, Oven, Range, And Sink	3,289.44	594.71
		For Gas Unit, Add	*374.47*	
11 26 13 00-0024	EA	60" Compact Unit Kitchen Cabinet For Upper Wall Section	907.33	203.66
11 26 13 00-0025	EA	60" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	95.59	13.26
11 26 13 00-0026	EA	60" Compact Unit Kitchen Stainless Steel Shield For Side Wall	66.61	13.26
11 26 13 00-0027		**72" Compact Kitchen** *(11 26 13)*		
11 26 13 00-0028	EA	72" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink	3,528.73	634.37
		For Gas Unit, Add	*402.44*	
11 26 13 00-0029	EA	72" Compact Unit Kitchen Cabinet For Upper Wall Section	1,108.79	244.40
11 26 13 00-0030	EA	72" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	111.67	16.58
11 26 13 00-0031	EA	72" Compact Unit Kitchen Stainless Steel Shield For Side Wall	69.61	16.58

11 40 Foodservice Equipment *(11)*

11 41 Foodservice Storage Equipment *(11 40)*

11 41 13 Refrigerated Food Storage Cases *(11 41)*

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 13 00-0001		**Frozen Food Cases** *(11 41 13)*		
11 41 13 00-0002	LF	Chest Type Frozen Food Case	1,002.33	309.84
11 41 13 00-0003	LF	Reach-in Frozen Food Case (Glass Door)	1,714.92	309.84
11 41 13 00-0004	LF	Island Type Frozen Food Case	1,122.83	309.84
11 41 13 00-0005	LF	Multi-Deck Frozen Food Case	1,656.61	309.84
11 41 13 00-0006		**Reach-In Refrigeration** *(11 41 13)*		
11 41 13 00-0007		**Reach-In Refrigerators** *(11 41 13 00-0006)*		
11 41 13 00-0008	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	2,824.17	120.38
11 41 13 00-0009	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	3,480.52	151.82
11 41 13 00-0010	EA	Three Section, 69.1 CF, Full Door, Self Contained, Reach-In Refrigerator	4,632.24	167.73
11 41 13 00-0011	EA	Single Section, Glass Door, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	2,891.18	120.38
11 41 13 00-0012	EA	Two Section, Glass Door, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	3,759.38	151.82
11 41 13 00-0013	EA	Three Section, Glass Door, 61.1 CF, Full Door, Self Contained, Reach-In Refrigerator	4,985.22	167.73
11 41 13 00-0014	EA	Single Section, Pass-Thru, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	3,380.14	120.38
11 41 13 00-0015	EA	Two Section, Pass-Thru, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	4,566.76	151.82
11 41 13 00-0016	EA	Single Section, Pass-Thru, Glass Door, 25.6 CF, Full Door, Self Contained, Reach-In Refrigerator	3,906.25	120.38

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 13 00-0017	EA	Two Section, Pass-Thru, Glass Door, 48.8 CF, Full Door, Self Contained, Reach-In Refrigerator	5,619.15	151.82

11 41 13 00-0018 Reach-In Freezers *(11 41 13 00-0006)*

11 41 13 00-0019	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Freezer	3,169.00	120.52
11 41 13 00-0020	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Freezer	4,197.94	151.61

11 41 23 Walk-In-Coolers *(11 41)*

11 41 23 00-0001 Walk-In Refrigerated Boxes *(11 41 23)*

Note: Overall heights include 4" floor panel and 4" ceiling panel.

11 41 23 00-0002 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.

11 41 23 00-0003	EA	6' x 6' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	6,993.24	985.99
		For Refrigerated Boxes Without Floor, Deduct	*-1,419.59*	
11 41 23 00-0004	EA	6' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	8,341.56	1,109.24
		For Refrigerated Boxes Without Floor, Deduct	*-1,715.64*	
11 41 23 00-0005	EA	6' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	8,846.57	1,232.50
		For Refrigerated Boxes Without Floor, Deduct	*-1,800.81*	
11 41 23 00-0006	EA	6' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	10,022.82	1,479.00
		For Refrigerated Boxes Without Floor, Deduct	*-2,012.97*	
11 41 23 00-0007	EA	6' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	11,566.13	1,725.49
		For Refrigerated Boxes Without Floor, Deduct	*-2,316.68*	
11 41 23 00-0008	EA	6' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,800.21	1,972.00
		For Refrigerated Boxes Without Floor, Deduct	*-2,542.61*	
11 41 23 00-0009	EA	6' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,012.75	2,218.49
		For Refrigerated Boxes Without Floor, Deduct	*-2,763.69*	
11 41 23 00-0010	EA	8' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	9,194.39	1,232.50
		For Refrigerated Boxes Without Floor, Deduct	*-1,887.77*	
11 41 23 00-0011	EA	8' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	10,064.08	1,355.75
		For Refrigerated Boxes Without Floor, Deduct	*-2,064.23*	
11 41 23 00-0012	EA	8' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	11,357.05	1,602.24
		For Refrigerated Boxes Without Floor, Deduct	*-2,304.95*	
11 41 23 00-0013	EA	8' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,044.43	1,848.74
		For Refrigerated Boxes Without Floor, Deduct	*-2,644.86*	
11 41 23 00-0014	EA	8' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,357.42	2,095.24
		For Refrigerated Boxes Without Floor, Deduct	*-2,891.19*	
11 41 23 00-0015	EA	8' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,711.72	2,341.74
		For Refrigerated Boxes Without Floor, Deduct	*-3,147.21*	
11 41 23 00-0016	EA	8' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,023.30	2,588.24
		For Refrigerated Boxes Without Floor, Deduct	*-3,393.54*	
11 41 23 00-0017	EA	8' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,373.80	2,834.74
		For Refrigerated Boxes Without Floor, Deduct	*-3,648.29*	
11 41 23 00-0018	EA	8' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,691.87	3,081.24
		For Refrigerated Boxes Without Floor, Deduct	*-3,895.89*	

11 41 23 00-0019 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.

11 41 23 00-0020	EA	10' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	11,395.74	1,479.00
		For Refrigerated Boxes Without Floor, Deduct	*-2,356.20*	
11 41 23 00-0021	EA	10' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,803.39	1,725.49
		For Refrigerated Boxes Without Floor, Deduct	*-2,625.99*	
11 41 23 00-0022	EA	10' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,271.05	1,972.00
		For Refrigerated Boxes Without Floor, Deduct	*-2,910.32*	
11 41 23 00-0023	EA	10' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,659.03	2,218.49
		For Refrigerated Boxes Without Floor, Deduct	*-3,175.26*	
11 41 23 00-0024	EA	10' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,146.56	2,464.99
		For Refrigerated Boxes Without Floor, Deduct	*-3,465.71*	
11 41 23 00-0025	EA	10' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,535.39	2,711.49
		For Refrigerated Boxes Without Floor, Deduct	*-3,729.38*	
11 41 23 00-0026	EA	10' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,027.28	2,957.99
		For Refrigerated Boxes Without Floor, Deduct	*-4,021.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0027	EA	10' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,408.68	3,204.49
		For Refrigerated Boxes Without Floor, Deduct	*-4,284.77*	
11 41 23 00-0028	EA	10' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,899.70	3,450.98
		For Refrigerated Boxes Without Floor, Deduct	*-4,575.21*	
11 41 23 00-0029	EA	10' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,290.60	3,697.49
		For Refrigerated Boxes Without Floor, Deduct	*-4,840.16*	
11 41 23 00-0030	EA	10' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,944.96	4,067.23
		For Refrigerated Boxes Without Floor, Deduct	*-5,130.86*	
11 41 23 00-0031	EA	10' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,483.61	4,436.99
		For Refrigerated Boxes Without Floor, Deduct	*-5,394.27*	
11 41 23 00-0032	EA	12' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,130.73	1,848.74
		For Refrigerated Boxes Without Floor, Deduct	*-2,916.44*	
11 41 23 00-0033	EA	12' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,749.72	2,095.24
		For Refrigerated Boxes Without Floor, Deduct	*-3,239.27*	
11 41 23 00-0034	EA	12' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,241.72	2,341.74
		For Refrigerated Boxes Without Floor, Deduct	*-3,529.71*	
11 41 23 00-0035	EA	12' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,853.18	2,588.24
		For Refrigerated Boxes Without Floor, Deduct	*-3,851.01*	
11 41 23 00-0036	EA	12' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,352.60	2,834.74
		For Refrigerated Boxes Without Floor, Deduct	*-4,142.99*	
11 41 23 00-0037	EA	12' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,964.43	3,081.24
		For Refrigerated Boxes Without Floor, Deduct	*-4,464.03*	
11 41 23 00-0038	EA	12' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,451.33	3,327.73
		For Refrigerated Boxes Without Floor, Deduct	*-4,754.48*	
11 41 23 00-0039	EA	12' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,074.02	3,574.24
		For Refrigerated Boxes Without Floor, Deduct	*-5,077.31*	
11 41 23 00-0040	EA	12' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,649.55	3,882.36
		For Refrigerated Boxes Without Floor, Deduct	*-5,367.75*	
11 41 23 00-0041	EA	12' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,427.19	4,252.11
		For Refrigerated Boxes Without Floor, Deduct	*-5,689.05*	
11 41 23 00-0042	EA	12' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,086.58	4,621.86
		For Refrigerated Boxes Without Floor, Deduct	*-5,981.03*	
11 41 23 00-0043	EA	12' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,858.44	4,991.60
		For Refrigerated Boxes Without Floor, Deduct	*-6,302.07*	
11 41 23 00-0044	EA	12' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,508.06	5,361.36
		For Refrigerated Boxes Without Floor, Deduct	*-6,592.52*	

11 41 23 00-0045 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.

11 41 23 00-0046	EA	14' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,588.47	2,218.49
		For Refrigerated Boxes Without Floor, Deduct	*-3,907.62*	
11 41 23 00-0047	EA	14' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,388.12	2,464.99
		For Refrigerated Boxes Without Floor, Deduct	*-4,276.10*	
11 41 23 00-0048	EA	14' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,333.87	2,711.49
		For Refrigerated Boxes Without Floor, Deduct	*-4,679.00*	
11 41 23 00-0049	EA	14' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,132.78	2,957.99
		For Refrigerated Boxes Without Floor, Deduct	*-5,047.73*	
11 41 23 00-0050	EA	14' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,066.00	3,204.49
		For Refrigerated Boxes Without Floor, Deduct	*-5,449.10*	
11 41 23 00-0051	EA	14' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,876.28	3,450.98
		For Refrigerated Boxes Without Floor, Deduct	*-5,819.36*	
11 41 23 00-0052	EA	14' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,812.88	3,697.49
		For Refrigerated Boxes Without Floor, Deduct	*-6,220.73*	
11 41 23 00-0053	EA	14' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,779.36	4,067.23
		For Refrigerated Boxes Without Floor, Deduct	*-6,589.46*	
11 41 23 00-0054	EA	14' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,875.95	4,436.99
		For Refrigerated Boxes Without Floor, Deduct	*-6,992.36*	
11 41 23 00-0055	EA	14' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,862.57	4,806.73
		For Refrigerated Boxes Without Floor, Deduct	*-7,360.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0056	EA	14' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,948.12	5,176.48
		For Refrigerated Boxes Without Floor, Deduct	*-7,762.46*	
11 41 23 00-0057	EA	14' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	39,924.82	5,484.60
		For Refrigerated Boxes Without Floor, Deduct	*-8,132.46*	

11 41 23 00-0058 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.

11 41 23 00-0059	EA	16' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,281.40	2,588.24
		For Refrigerated Boxes Without Floor, Deduct	*-4,708.07*	
11 41 23 00-0060	EA	16' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,356.10	2,834.74
		For Refrigerated Boxes Without Floor, Deduct	*-5,143.86*	
11 41 23 00-0061	EA	16' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,363.69	3,081.24
		For Refrigerated Boxes Without Floor, Deduct	*-5,563.85*	
11 41 23 00-0062	EA	16' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,438.11	3,327.73
		For Refrigerated Boxes Without Floor, Deduct	*-6,001.17*	
11 41 23 00-0063	EA	16' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,449.42	3,574.24
		For Refrigerated Boxes Without Floor, Deduct	*-6,421.16*	
11 41 23 00-0064	EA	16' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,606.35	3,882.36
		For Refrigerated Boxes Without Floor, Deduct	*-6,856.95*	
11 41 23 00-0065	EA	16' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,784.85	4,252.11
		For Refrigerated Boxes Without Floor, Deduct	*-7,278.47*	
11 41 23 00-0066	EA	16' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,019.52	4,621.86
		For Refrigerated Boxes Without Floor, Deduct	*-7,714.26*	
11 41 23 00-0067	EA	16' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	39,187.14	4,991.60
		For Refrigerated Boxes Without Floor, Deduct	*-8,134.25*	
11 41 23 00-0068	EA	16' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	41,424.28	5,361.36
		For Refrigerated Boxes Without Floor, Deduct	*-8,571.57*	
11 41 23 00-0069	EA	18' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,064.66	2,957.99
		For Refrigerated Boxes Without Floor, Deduct	*-5,530.70*	
11 41 23 00-0070	EA	18' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,191.68	3,204.49
		For Refrigerated Boxes Without Floor, Deduct	*-5,980.52*	
11 41 23 00-0071	EA	18' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,429.34	3,450.98
		For Refrigerated Boxes Without Floor, Deduct	*-6,457.62*	
11 41 23 00-0072	EA	18' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,554.64	3,697.49
		For Refrigerated Boxes Without Floor, Deduct	*-6,906.17*	
11 41 23 00-0073	EA	18' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,959.72	4,067.23
		For Refrigerated Boxes Without Floor, Deduct	*-7,384.55*	
11 41 23 00-0074	EA	18' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,238.89	4,436.99
		For Refrigerated Boxes Without Floor, Deduct	*-7,833.09*	
11 41 23 00-0075	EA	18' x 30' Walk-in Refrigerated Box, 7' 6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	39,660.03	4,806.73
		For Refrigerated Boxes Without Floor, Deduct	*-8,310.20*	
11 41 23 00-0076	EA	18' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	41,938.36	5,176.48
		For Refrigerated Boxes Without Floor, Deduct	*-8,760.02*	
11 41 23 00-0077	EA	18' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	44,343.46	5,546.23
		For Refrigerated Boxes Without Floor, Deduct	*-9,237.12*	
11 41 23 00-0078	EA	18' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	46,780.67	5,998.15
		For Refrigerated Boxes Without Floor, Deduct	*-9,685.67*	

11 41 23 00-0079 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.

11 41 23 00-0080	EA	6' x 6' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	7,362.48	985.99
		For Refrigerated Boxes Without Floor, Deduct	*-1,511.90*	
11 41 23 00-0081	EA	6' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	8,484.36	1,109.24
		For Refrigerated Boxes Without Floor, Deduct	*-1,751.34*	
11 41 23 00-0082	EA	6' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	9,315.77	1,232.50
		For Refrigerated Boxes Without Floor, Deduct	*-1,918.11*	
11 41 23 00-0083	EA	6' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	10,561.38	1,479.00
		For Refrigerated Boxes Without Floor, Deduct	*-2,147.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0084	EA	6' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,135.29	1,725.49
		For Refrigerated Boxes Without Floor, Deduct	*-2,458.97*	
11 41 23 00-0085	EA	6' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,438.73	1,972.00
		For Refrigerated Boxes Without Floor, Deduct	*-2,702.24*	
11 41 23 00-0086	EA	6' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,681.87	2,218.49
		For Refrigerated Boxes Without Floor, Deduct	*-2,930.97*	
11 41 23 00-0087	EA	8' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	9,702.35	1,232.50
		For Refrigerated Boxes Without Floor, Deduct	*-2,014.76*	
11 41 23 00-0088	EA	8' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	10,602.64	1,355.75
		For Refrigerated Boxes Without Floor, Deduct	*-2,198.87*	
11 41 23 00-0089	EA	8' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	11,964.97	1,602.24
		For Refrigerated Boxes Without Floor, Deduct	*-2,456.93*	
11 41 23 00-0090	EA	8' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,682.95	1,848.74
		For Refrigerated Boxes Without Floor, Deduct	*-2,804.49*	
11 41 23 00-0091	EA	8' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,065.30	2,095.24
		For Refrigerated Boxes Without Floor, Deduct	*-3,068.16*	
11 41 23 00-0092	EA	8' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,450.20	2,341.74
		For Refrigerated Boxes Without Floor, Deduct	*-3,331.83*	
11 41 23 00-0093	EA	8' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,831.14	2,588.24
		For Refrigerated Boxes Without Floor, Deduct	*-3,595.50*	
11 41 23 00-0094	EA	8' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,212.24	2,834.74
		For Refrigerated Boxes Without Floor, Deduct	*-3,857.90*	
11 41 23 00-0095	EA	8' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,599.67	3,081.24
		For Refrigerated Boxes Without Floor, Deduct	*-4,122.84*	

11 41 23 00-0096 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.

11 41 23 00-0097	EA	10' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	11,964.90	1,479.00
		For Refrigerated Boxes Without Floor, Deduct	*-2,498.49*	
11 41 23 00-0098	EA	10' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,441.91	1,725.49
		For Refrigerated Boxes Without Floor, Deduct	*-2,785.62*	
11 41 23 00-0099	EA	10' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,940.17	1,972.00
		For Refrigerated Boxes Without Floor, Deduct	*-3,077.60*	
11 41 23 00-0100	EA	10' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,397.51	2,218.49
		For Refrigerated Boxes Without Floor, Deduct	*-3,359.88*	
11 41 23 00-0101	EA	10' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,915.64	2,464.99
		For Refrigerated Boxes Without Floor, Deduct	*-3,657.98*	
11 41 23 00-0102	EA	10' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,373.83	2,711.49
		For Refrigerated Boxes Without Floor, Deduct	*-3,938.99*	
11 41 23 00-0103	EA	10' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,896.32	2,957.99
		For Refrigerated Boxes Without Floor, Deduct	*-4,238.61*	
11 41 23 00-0104	EA	10' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,347.08	3,204.49
		For Refrigerated Boxes Without Floor, Deduct	*-4,519.37*	
11 41 23 00-0105	EA	10' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,868.70	3,450.98
		For Refrigerated Boxes Without Floor, Deduct	*-4,817.46*	
11 41 23 00-0106	EA	10' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,328.96	3,697.49
		For Refrigerated Boxes Without Floor, Deduct	*-5,099.75*	
11 41 23 00-0107	EA	10' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,013.92	4,067.23
		For Refrigerated Boxes Without Floor, Deduct	*-5,398.10*	
11 41 23 00-0108	EA	10' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,621.93	4,375.36
		For Refrigerated Boxes Without Floor, Deduct	*-5,678.85*	
11 41 23 00-0109	EA	12' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,838.61	1,848.74
		For Refrigerated Boxes Without Floor, Deduct	*-3,093.41*	
11 41 23 00-0110	EA	12' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,488.20	2,095.24
		For Refrigerated Boxes Without Floor, Deduct	*-3,423.89*	
11 41 23 00-0111	EA	12' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,049.56	2,341.74
		For Refrigerated Boxes Without Floor, Deduct	*-3,731.67*	
11 41 23 00-0112	EA	12' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,691.62	2,588.24
		For Refrigerated Boxes Without Floor, Deduct	*-4,060.62*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0113	EA	12' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,260.40	2,834.74
		For Refrigerated Boxes Without Floor, Deduct	*-4,369.94*	
11 41 23 00-0114	EA	12' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,902.83	3,081.24
		For Refrigerated Boxes Without Floor, Deduct	*-4,698.63*	
11 41 23 00-0115	EA	12' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,459.09	3,327.73
		For Refrigerated Boxes Without Floor, Deduct	*-5,006.42*	
11 41 23 00-0116	EA	12' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,112.38	3,574.24
		For Refrigerated Boxes Without Floor, Deduct	*-5,336.90*	
11 41 23 00-0117	EA	12' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,757.27	3,882.36
		For Refrigerated Boxes Without Floor, Deduct	*-5,644.68*	
11 41 23 00-0118	EA	12' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,565.51	4,252.11
		For Refrigerated Boxes Without Floor, Deduct	*-5,973.63*	
11 41 23 00-0119	EA	12' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,294.26	4,621.86
		For Refrigerated Boxes Without Floor, Deduct	*-6,282.95*	
11 41 23 00-0120	EA	12' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,096.72	4,991.60
		For Refrigerated Boxes Without Floor, Deduct	*-6,611.64*	
11 41 23 00-0121	EA	12' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,815.70	5,361.36
		For Refrigerated Boxes Without Floor, Deduct	*-6,919.43*	

11 41 23 00-0122 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.

11 41 23 00-0123	EA	14' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,357.55	2,218.49
		For Refrigerated Boxes Without Floor, Deduct	*-4,099.89*	
11 41 23 00-0124	EA	14' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,226.56	2,464.99
		For Refrigerated Boxes Without Floor, Deduct	*-4,485.71*	
11 41 23 00-0125	EA	14' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,202.91	2,711.49
		For Refrigerated Boxes Without Floor, Deduct	*-4,896.26*	
11 41 23 00-0126	EA	14' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,071.18	2,957.99
		For Refrigerated Boxes Without Floor, Deduct	*-5,282.33*	
11 41 23 00-0127	EA	14' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,035.00	3,204.49
		For Refrigerated Boxes Without Floor, Deduct	*-5,691.35*	
11 41 23 00-0128	EA	14' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,914.64	3,450.98
		For Refrigerated Boxes Without Floor, Deduct	*-6,078.95*	
11 41 23 00-0129	EA	14' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,881.84	3,697.49
		For Refrigerated Boxes Without Floor, Deduct	*-6,487.97*	
11 41 23 00-0130	EA	14' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,917.68	4,067.23
		For Refrigerated Boxes Without Floor, Deduct	*-6,874.04*	
11 41 23 00-0131	EA	14' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,044.87	4,436.99
		For Refrigerated Boxes Without Floor, Deduct	*-7,284.59*	
11 41 23 00-0132	EA	14' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,100.85	4,806.73
		For Refrigerated Boxes Without Floor, Deduct	*-7,670.40*	
11 41 23 00-0133	EA	14' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	39,217.00	5,176.48
		For Refrigerated Boxes Without Floor, Deduct	*-8,079.68*	
11 41 23 00-0134	EA	14' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	41,263.06	5,546.23
		For Refrigerated Boxes Without Floor, Deduct	*-8,467.02*	

11 41 23 00-0135 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.

11 41 23 00-0136	EA	16' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,189.20	2,588.24
		For Refrigerated Boxes Without Floor, Deduct	*-4,935.02*	
11 41 23 00-0137	EA	16' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,294.50	2,834.74
		For Refrigerated Boxes Without Floor, Deduct	*-5,378.46*	
11 41 23 00-0138	EA	16' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,371.45	3,081.24
		For Refrigerated Boxes Without Floor, Deduct	*-5,815.79*	
11 41 23 00-0139	EA	16' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,476.47	3,327.73
		For Refrigerated Boxes Without Floor, Deduct	*-6,260.76*	
11 41 23 00-0140	EA	16' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,557.14	3,574.24
		For Refrigerated Boxes Without Floor, Deduct	*-6,698.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0141	EA	16' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,744.67	3,882.36
		For Refrigerated Boxes Without Floor, Deduct	*-7,141.53*	
11 41 23 00-0142	EA	16' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,992.53	4,252.11
		For Refrigerated Boxes Without Floor, Deduct	*-7,580.39*	
11 41 23 00-0143	EA	16' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	38,257.80	4,621.86
		For Refrigerated Boxes Without Floor, Deduct	*-8,023.83*	
11 41 23 00-0144	EA	16' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	40,494.78	4,991.60
		For Refrigerated Boxes Without Floor, Deduct	*-8,461.16*	
11 41 23 00-0145	EA	16' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	42,762.52	5,361.36
		For Refrigerated Boxes Without Floor, Deduct	*-8,906.13*	
11 41 23 00-0146	EA	18' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,033.66	2,957.99
		For Refrigerated Boxes Without Floor, Deduct	*-5,772.95*	
11 41 23 00-0147	EA	18' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,230.04	3,204.49
		For Refrigerated Boxes Without Floor, Deduct	*-6,240.11*	
11 41 23 00-0148	EA	18' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,498.30	3,450.98
		For Refrigerated Boxes Without Floor, Deduct	*-6,724.86*	
11 41 23 00-0149	EA	18' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,692.96	3,697.49
		For Refrigerated Boxes Without Floor, Deduct	*-7,190.75*	
11 41 23 00-0150	EA	18' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	36,128.64	4,067.23
		For Refrigerated Boxes Without Floor, Deduct	*-7,676.78*	
11 41 23 00-0151	EA	18' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	38,477.17	4,436.99
		For Refrigerated Boxes Without Floor, Deduct	*-8,142.66*	
11 41 23 00-0152	EA	18' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	40,928.91	4,806.73
		For Refrigerated Boxes Without Floor, Deduct	*-8,627.42*	
11 41 23 00-0153	EA	18' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	43,276.60	5,176.48
		For Refrigerated Boxes Without Floor, Deduct	*-9,094.58*	
11 41 23 00-0154	EA	18' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	45,712.30	5,546.23
		For Refrigerated Boxes Without Floor, Deduct	*-9,579.33*	
11 41 23 00-0155	EA	18' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	48,218.87	5,998.15
		For Refrigerated Boxes Without Floor, Deduct	*-10,045.22*	

11 41 23 00-0156 Walk-In Refrigerated Unit Metal Price Add-Ons *(11 41 23 00-0001)*

11 41 23 00-0157	SF	Metal Price Add-on, 190 Series Embossed White Polyester vs. 24 Gauge Galvalume	0.43
11 41 23 00-0158	SF	Metal Price Add-ons, 24 GA White Polyester vs. 24 Gauge Galvalume	0.80
11 41 23 00-0159	SF	Metal Price Add-ons, 0.038" Stucco Embossed Aluminum vs. 24 Gauge Galvalume	1.13
11 41 23 00-0160	SF	Metal Price Add-ons, 22 GA Stainless Steel vs. 24 Gauge Galvalume	7.96
11 41 23 00-0161	SF	Metal Price Add-ons, 20 GA Stainless Steel vs. 24 Gauge Galvalume	10.40
11 41 23 00-0162	SF	Metal Price Add-ons, 24 GA Embossed Tan Polyester vs. 24 Gauge Galvalume	1.28
11 41 23 00-0163	SF	Metal Price Add-ons, 0.040" Embossed White Aluminum vs. 24 Gauge Galvalume	3.16
11 41 23 00-0164	SF	Metal Price Add-ons, 0.040" Smooth White Aluminum vs. 24 Gauge Galvalume	4.08
11 41 23 00-0165	SF	Metal Price Add-ons, 24 GA Smooth Kynar Painted vs. 24 Gauge Galvalume	4.28
11 41 23 00-0166	SF	Metal Price Deducts, 14 GA Galvanized vs. 10 Gauge Smooth Aluminum Interior Floor	-5.76
11 41 23 00-0167	SF	Metal Price Add-ons, 16 GA Stainless Steel Type 430 vs. 10 Gauge Smooth Aluminum Interior Floor	2.40
11 41 23 00-0168	SF	Metal Price Add-ons, 16 GA Stainless Steel Type 304 vs. 10 Gauge Smooth Aluminum Interior Floor	6.23
11 41 23 00-0169	SF	Metal Price Add-ons, 12 GA Rigid Aluminum vs. 10 Gauge Smooth Aluminum Interior Floor	5.46
11 41 23 00-0170	SF	Metal Price Add-ons, 16 GA Rigid Stainless Steel vs. 10 Gauge Smooth Aluminum Interior Floor	17.70

11 41 23 00-0171 Air Cooled Condensing Units For Walk-In Coolers And Freezers *(11 41 23)*

11 41 23 00-0172 Medium Temperature Hermetic System, Indoor *(11 41 23 00-0171)*

Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.

11 41 23 00-0173 208/230 Volt, 1 Phase *(11 41 23 00-0172)*

Note: Pre-Assembled indoor R404a.

11 41 23 00-0174	EA	1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	2,430.81	109.49
11 41 23 00-0175	EA	3/4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	2,571.30	127.75
11 41 23 00-0176	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	2,962.35	145.99
11 41 23 00-0177	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,197.37	164.24
11 41 23 00-0178	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,522.86	182.49
11 41 23 00-0179	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,963.96	218.99
11 41 23 00-0180	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	5,371.35	255.48
11 41 23 00-0181	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	5,768.10	291.98

11 41 23 00-0182 208/230 Volt, 3 Phase *(11 41 23 00-0172)*

Note: Pre-Assembled indoor R404a.

11 41 23 00-0183	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	2,966.48	145.99
11 41 23 00-0184	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	3,197.37	164.24
11 41 23 00-0185	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	3,560.08	182.49
11 41 23 00-0186	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	3,919.64	218.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0187	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	5,371.35	255.48
11 41 23 00-0188	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	5,716.69	291.98
11 41 23 00-0189		Medium Temperature Hermetic System, Outdoor *(11 41 23 00-0171)*		
		Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0190		208/230 Volt, 1 Phase *(11 41 23 00-0189)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0191	EA	1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	2,602.18	109.49
11 41 23 00-0192	EA	3/4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	2,866.76	127.75
11 41 23 00-0193	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,305.67	145.99
11 41 23 00-0194	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,447.33	164.24
11 41 23 00-0195	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,701.91	182.49
11 41 23 00-0196	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	4,219.24	218.99
11 41 23 00-0197	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	5,630.76	255.48
11 41 23 00-0198	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	6,029.29	291.98
11 41 23 00-0199		208/230 Volt, 3 Phase *(11 41 23 00-0189)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0200	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,283.81	145.99
11 41 23 00-0201	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,456.19	164.24
11 41 23 00-0202	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,748.00	182.49
11 41 23 00-0203	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	4,175.51	218.99
11 41 23 00-0204	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	5,644.35	255.48
11 41 23 00-0205	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	5,974.92	291.98
11 41 23 00-0206		Low Temperature Hermetic System, Indoor *(11 41 23 00-0171)*		
		Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0207		208/230 Volt, 1 Phase *(11 41 23 00-0206)*		
		Note: Pre-Assembled indoor R404a.		
11 41 23 00-0208	EA	1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	219.00	109.49
11 41 23 00-0209	EA	3/4 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	2,863.21	127.75
11 41 23 00-0210	EA	1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,003.71	145.99
11 41 23 00-0211	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,210.37	164.24
11 41 23 00-0212	EA	2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,493.90	182.49
11 41 23 00-0213	EA	3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	4,126.46	218.99
11 41 23 00-0214		208/230 Volt, 3 Phase *(11 41 23 00-0206)*		
		Note: Pre-Assembled indoor R404a.		
11 41 23 00-0215	EA	1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	3,007.85	145.99
11 41 23 00-0216	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	3,210.37	164.24
11 41 23 00-0217	EA	2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	3,532.31	182.49
11 41 23 00-0218	EA	3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	4,083.92	218.99
11 41 23 00-0219		Low Temperature Hermetic System, Outdoor *(11 41 23 00-0171)*		
		Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0220		208/230 Volt, 1 Phase *(11 41 23 00-0219)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0221	EA	1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,060.14	109.49
11 41 23 00-0222	EA	3/4 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,110.21	127.75
11 41 23 00-0223	EA	1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,281.44	145.99
11 41 23 00-0224	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,558.42	164.24
11 41 23 00-0225	EA	2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,883.32	182.49
11 41 23 00-0226	EA	3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	4,374.65	218.99
11 41 23 00-0227		208/230 Volt, 3 Phase *(11 41 23 00-0219)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0228	EA	1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hz	3,388.40	145.99
11 41 23 00-0229	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hz	3,611.01	164.24
11 41 23 00-0230	EA	2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hz	3,925.86	182.49
11 41 23 00-0231	EA	3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hz	4,331.51	218.99
11 41 23 00-0232		Medium Temperature Semi-Hermetic System, Indoor *(11 41 23 00-0171)*		
		Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0233		208/230 Volt, 1 Phase *(11 41 23 00-0232)*		
		Note: Pre-Assembled indoor R404a.		
11 41 23 00-0234	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,141.40	145.99
11 41 23 00-0235	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	7,179.22	291.98
11 41 23 00-0236		208/230 Volt, 3 Phase *(11 41 23 00-0232)*		
		Note: Pre-Assembled indoor R404a.		
11 41 23 00-0237	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	3,143.76	145.99
11 41 23 00-0238	EA	2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	4,343.05	182.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0239	EA	3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	5,419.40	218.99
11 41 23 00-0240	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	7,082.90	291.98
11 41 23 00-0241		Medium Temperature Semi-Hermetic System, Outdoor *(11 41 23 00-0171)*		
		Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0242		208/230 Volt, 1 Phase *(11 41 23 00-0241)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0243	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,439.22	145.99
11 41 23 00-0244	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	8,465.65	291.98
11 41 23 00-0245		208/230 Volt, 3 Phase *(11 41 23 00-0241)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0246	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hz	3,445.13	145.99
11 41 23 00-0247	EA	2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hz	4,070.05	182.49
11 41 23 00-0248	EA	3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hz	5,844.86	218.99
11 41 23 00-0249	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hz	7,656.68	291.98
11 41 23 00-0250		Low Temperature Semi-Hermetic System, Indoor *(11 41 23 00-0171)*		
		Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0251		208/230 Volt, 1 Phase *(11 41 23 00-0250)*		
		Note: Pre-Assembled indoor R404a.		
11 41 23 00-0252	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,206.53	127.75
11 41 23 00-0253	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,428.58	145.99
11 41 23 00-0254	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	4,021.11	164.24
11 41 23 00-0255	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	4,656.24	182.49
11 41 23 00-0256	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hz	5,883.27	218.99
11 41 23 00-0257		208/230 Volt, 3 Phase *(11 41 23 00-0250)*		
		Note: Pre-Assembled indoor R404a.		
11 41 23 00-0258	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	3,189.99	127.75
11 41 23 00-0259	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	3,426.22	145.99
11 41 23 00-0260	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	3,998.65	164.24
11 41 23 00-0261	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	4,617.24	182.49
11 41 23 00-0262	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	5,675.85	218.99
11 41 23 00-0263	EA	4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	7,920.58	255.48
11 41 23 00-0264	EA	6 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	8,371.96	328.48
11 41 23 00-0265	EA	7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hz	12,040.01	383.23
11 41 23 00-0266		Low Temperature Semi-Hermetic System, Outdoor *(11 41 23 00-0171)*		
		Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0267		208/230 Volt, 1 Phase *(11 41 23 00-0266)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0268	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,527.40	127.75
11 41 23 00-0269	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,701.59	145.99
11 41 23 00-0270	EA	1-1/2 Low Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	4,305.34	164.24
11 41 23 00-0271	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	4,944.61	182.49
11 41 23 00-0272	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	6,191.14	218.99
11 41 23 00-0273		208/230 Volt, 3 Phase *(11 41 23 00-0266)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0274	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,475.40	127.75
11 41 23 00-0275	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	3,703.95	145.99
11 41 23 00-0276	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	4,296.48	164.24
11 41 23 00-0277	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	4,900.88	182.49
11 41 23 00-0278	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	6,003.82	218.99
11 41 23 00-0279	EA	4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	8,733.68	255.48
11 41 23 00-0280	EA	6 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	9,237.07	328.48
11 41 23 00-0281	EA	7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hz	12,973.67	383.23
11 41 23 00-0282		Walk-In Refrigerated Boxes Accessories *(11 41 23)*		
		See CSI section 08 71 00 00-0000 for additional door accessories.		
11 41 23 00-0283		Accessories *(11 41 23 00-0282)*		
11 41 23 00-0284	EA	Super Door Package, For 36" Or 42" Door	570.43	
		Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.		
11 41 23 00-0285	EA	Super Door Package, For 48" Door	763.21	
		Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.		
11 41 23 00-0286	EA	Super Door Package, For 60" Door	763.21	
		Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.		
11 41 23 00-0287	EA	14" x 24" Observation Window, Heated	857.65	
11 41 23 00-0288	EA	Heated Air Vent, Kason	322.15	
11 41 23 00-0289	EA	Heated Air Vent, Bally PVC	735.25	
11 41 23 00-0290	EA	Interior Ramps, For 36" Or 42" Wide Doors	1,051.17	
11 41 23 00-0291	EA	Interior Ramps, For 48" Wide Doors	1,148.07	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0292	EA	Interior Ramps, For 60" Wide Doors	1,260.27	
11 41 23 00-0293	EA	Exterior Ramps, For 36" Or 42" Wide Doors	433.05	
11 41 23 00-0294	EA	Exterior Ramps, For 48" Wide Doors	783.93	
11 41 23 00-0295	EA	Exterior Ramps, For 60" Wide Doors	783.93	
11 41 23 00-0296	EA	Field Installed Extra Vapor-Proof Lights	105.48	
11 41 23 00-0297	EA	Field Installed Fluorescent Lights, 48", 2 Tubes	407.16	
11 41 23 00-0298	EA	Vinyl Strip Curtain, For 36" Or 42" Wide Door	333.13	
11 41 23 00-0299	EA	Vinyl Strip Curtain, For 48" Wide Door	440.06	
11 41 23 00-0300	EA	Vinyl Strip Curtain, For 60" Wide Door	536.17	
11 41 23 00-0301	EA	Alarm With Digital Thermostat Modularm 75 With Adjustable Setting (Flush Mounted)	1,030.62	
11 41 23 00-0302	EA	Alarm With Digital Thermostat Modularm 75B (Battery Backup) (Flush Mounted)	1,082.64	
11 41 23 00-0303	EA	Alarm With Digital Thermostat National TM100 With Adjustable Setting (Flush Mounted)	520.62	
11 41 23 00-0304	EA	Locking Devices, 36" Or 42" Wide Locking Bar	297.24	
11 41 23 00-0305	EA	Locking Devices, 48" Wide Locking Bar	338.04	
11 41 23 00-0306	EA	Locking Devices, 60" Wide Locking Bar	338.04	
11 41 23 00-0307	EA	Locking Devices, Mortise Dead Bolt (Cooler)	595.08	
11 41 23 00-0308	EA	Locking Devices, Mortise Dead Bolt (Freezer)	729.72	
11 41 23 00-0309	EA	Blast Freezer Kit, For 36" Or 42" Wide Doors	1,177.65	
11 41 23 00-0310	EA	Blast Freezer Kit, For 48" Wide Doors	1,242.93	
11 41 23 00-0311	EA	Blast Freezer Kit, For 60" Wide Doors	1,277.61	
11 41 23 00-0312	EA	Hardware Options, Polished For 36" Or 42" Door	56.10	
11 41 23 00-0313	EA	Hardware Options, Polished For 48" Or 60" Door	45.90	
11 41 23 00-0314	EA	Hardware Options, Chrome For 36" Or 42" Door	141.78	
11 41 23 00-0315	EA	Hardware Options, Chrome For 48" Or 60" Door	76.50	
11 41 23 00-0316	EA	Hardware Options, Positive Latch, 36" Or 42" Door	183.74	
11 41 23 00-0317	EA	Hardware Options, Strap Hinges, 36" Or 42" Door	134.78	
11 41 23 00-0318	EA	4" Screed Door	364.99	
11 41 23 00-0319	EA	Doors Cut For Tile	438.43	
11 41 23 00-0320	EA	84" High Doors (36" Wide)	438.43	
11 41 23 00-0321	EA	Doors Raised Or Lowered In Panel	978.01	
11 41 23 00-0322	EA	57-1/2" Door Section	286.45	
11 41 23 00-0323	EA	3 Way (Interior And Exterior) Light Switches	241.14	
11 41 23 00-0324	EA	3 Way (1 Side Only) Light Switch	122.63	
11 41 23 00-0325	EA	Structural Support, 5" Reinforcing Ceilings (Every 23")	219.58	
11 41 23 00-0326	EA	Structural Support, 6" Reinforcing Ceilings (Every 23")	276.70	
11 41 23 00-0327	LF	Structural Support, Self-Supporting Standard Angle	29.62	
11 41 23 00-0328	LF	Structural Support, Self-Supporting 6" Channel	38.04	
11 41 23 00-0329	LF	Structural Support, Self-Supporting 8" Channel	54.61	
11 41 23 00-0330	LF	Structural Support, Self-Supporting 10" Channel	86.48	
11 41 23 00-0331	LF	Structural Support, Suspended Ceiling Support	16.25	
11 41 23 00-0332	LF	Factory Prepared Opening, Foam Cut Opening	5.36	
11 41 23 00-0333	LF	Factory Prepared Opening, Metal Capped Opening	17.85	
11 41 23 00-0334	LF	Factory Prepared Opening, Wood Framed Opening	15.86	
11 41 23 00-0335	LF	Factory Prepared Opening, Metal Capped Wood Framed Opening	27.54	
11 41 23 00-0336	LF	Factory Prepared Opening, Opening For Glass Doors (Doors Provided By Others, No Charge For Opening When Glass Door Purchased Through Manufacturer)	22.95	
11 41 23 00-0337	SF	Outdoor Weather Roofs, Aluminum Roof Caps	10.31	
11 41 23 00-0338	SF	Outdoor Weather Roofs, Membrane Roof Caps	5.61	
11 41 23 00-0339	SF	Outdoor Weather Roofs, Painted Aluminum Roofs	12.81	
11 41 23 00-0340	SF	1/8" Aluminum Tread Plate	29.92	
11 41 23 00-0341	SF	3/16" Aluminum Tread Plate	35.34	
11 41 23 00-0342	EA	Digitemp Display Thermometer (Indoor Exterior Wall)	233.81	
11 41 23 00-0343	EA	4-1/2" Dial Type Thermometer With 5' Cap Tube	210.35	
11 41 23 00-0344	EA	6" Dial Type Thermometer With 5' Cap Tube	670.37	
11 41 23 00-0345	EA	2" Dial Type Thermometer (Standard)	75.71	
11 41 23 00-0346	LF	Extra Capillary Tubing	9.08	

11 41 23 00-0347 Partition Wall For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

Note: Includes 36" x 78" door. Sizes listed as 7'-2"/7'-6" are for either 7'-2" or 7'-6" high refrigerated boxes. Sizes listed as 8'-2"/8'-6" are for either 8'-2" or 8'-6" high refrigerated boxes.

11 41 23 00-0348	EA	5'-10" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,403.69	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*116.08*	
11 41 23 00-0349	EA	6'-9-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,617.92	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*126.58*	
11 41 23 00-0350	EA	7'-9" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,693.42	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*130.15*	
11 41 23 00-0351	EA	8'-8-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,911.73	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*140.86*	
11 41 23 00-0352	EA	9'-8" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,852.60	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*137.70*	
11 41 23 00-0353	EA	10'-7-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,065.81	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*148.16*	
11 41 23 00-0354	EA	11'-7" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,131.12	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*151.22*	
11 41 23 00-0355	EA	12'-6-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,434.08	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*166.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0356	EA	13'-6" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,301.51	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*159.32*	
11 41 23 00-0357	EA	14'-5-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,515.75	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*169.83*	
11 41 23 00-0358	EA	15'-5" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,596.35	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*173.66*	
11 41 23 00-0359	EA	16'-4-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,811.60	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*184.21*	
11 41 23 00-0360	EA	17'-4" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	4,389.06	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*212.88*	
11 41 23 00-0361	EA	5'-10" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,621.97	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*126.99*	
11 41 23 00-0362	EA	6'-9-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,803.56	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*135.86*	
11 41 23 00-0363	EA	7'-9" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,892.32	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*140.10*	
11 41 23 00-0364	EA	8'-8-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,134.09	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*151.98*	
11 41 23 00-0365	EA	9'-8" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,062.72	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*148.21*	
11 41 23 00-0366	EA	10'-7-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,303.47	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*160.04*	
11 41 23 00-0367	EA	11'-7" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,393.26	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*164.32*	
11 41 23 00-0368	EA	12'-6-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,634.00	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*176.15*	
11 41 23 00-0369	EA	13'-6" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,562.63	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*172.38*	
11 41 23 00-0370	EA	14'-5-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,803.39	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*184.21*	
11 41 23 00-0371	EA	15'-5" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,893.17	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*188.50*	
11 41 23 00-0372	EA	16'-4-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	4,133.92	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*200.33*	
11 41 23 00-0373	EA	17'-4" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	4,062.54	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*196.55*	
11 41 23 00-0374		Glass Doors For Walk-In Refrigerated Boxes *(11 41 23 00-0282)* Note: Factory installed, includes lights and 5 tier shelves.		
11 41 23 00-0375	EA	23" x 67" Glass Door, Displayrite, Coolrite Model	1,012.86	
11 41 23 00-0376	EA	23" x 73" Glass Door, Displayrite, Coolrite Model	1,106.70	
11 41 23 00-0377	EA	30" x 67" Glass Door, Displayrite, Coolrite Model	1,115.88	
11 41 23 00-0378	EA	30" x 73" Glass Door, Displayrite, Coolrite Model	1,234.20	
11 41 23 00-0379	EA	23" x 67" Glass Door, Displayrite, Freezerite Model	1,354.56	
11 41 23 00-0380	EA	23" x 73" Glass Door, Displayrite, Freezerite Model	1,440.24	
11 41 23 00-0381	EA	30" x 67" Glass Door, Displayrite, Freezerite Model	1,445.34	
11 41 23 00-0382	EA	30" x 73" Glass Door, Displayrite, Freezerite Model	1,681.98	
11 41 23 00-0383	EA	24" x 67" Glass Door, Anthony Model 101	1,377.00	
11 41 23 00-0384	EA	26" x 67" Glass Door, Anthony Model 101	1,705.44	
11 41 23 00-0385	EA	30" x 67" Glass Door, Anthony Model 101	1,820.70	
11 41 23 00-0386	EA	30x75 Glass Door, Anthony Model 101	1,859.46	
11 41 23 00-0387	EA	24" x 67" Glass Door, Anthony Model 101	2,097.12	
11 41 23 00-0388	EA	26" x 67" Glass Door, Anthony Model 101	2,327.64	
11 41 23 00-0389	EA	30" x 67" Glass Door, Anthony Model 101	2,370.48	
11 41 23 00-0390	EA	30" x 75" Glass Door, Anthony Model 101	2,528.58	
11 41 23 00-0391	EA	23" x 67" Glass Door, Anthony Model 401	1,087.32	
11 41 23 00-0392	EA	26-3/4" x 67" Glass Door, Anthony Model 401	1,145.46	
11 41 23 00-0393	EA	30-1/4" x 67" Glass Door, Anthony Model 401	1,540.20	
11 41 23 00-0394	EA	30-1/4" x 75" Glass Door, Anthony Model 401	1,320.90	
11 41 23 00-0395	EA	23" x 67" Glass Door, Anthony Model 401	1,466.76	
11 41 23 00-0396	EA	26-3/4" x 67" Glass Door, Anthony Model 401	1,535.10	
11 41 23 00-0397	EA	30-1/4" x 67" Glass Door, Anthony Model 401	1,540.20	
11 41 23 00-0398	EA	30-1/4" x 75" Glass Door, Anthony Model 401	1,833.96	
11 41 23 00-0399		Modular Wire Shelving For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*		
11 41 23 00-0400	EA	14" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	375.78	
		For Cantilever Shelving, Add	*402.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0401	EA	14" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	396.22	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0402	EA	14" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	441.12	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0403	EA	14" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	465.63	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0404	EA	14" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	506.49	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0405	EA	18" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	432.94	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0406	EA	18" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	444.18	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0407	EA	18" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	490.11	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0408	EA	18" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	512.58	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0409	EA	18" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	585.06	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0410	EA	21" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	471.72	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0411	EA	21" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	477.87	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0412	EA	21" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	544.20	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0413	EA	21" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	548.31	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0414	EA	21" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	630.98	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0415	EA	14" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	322.74	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0416	EA	14" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	339.10	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0417	EA	14" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	371.76	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0418	EA	14" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	379.95	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0419	EA	14" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	433.05	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0420	EA	18" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	355.42	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0421	EA	18" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	380.94	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0422	EA	18" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	403.41	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0423	EA	18" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	409.56	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0424	EA	18" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	482.04	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0425	EA	21" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	390.12	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0426	EA	21" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	405.45	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0427	EA	21" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	435.06	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0428	EA	21" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	451.41	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0429	EA	21" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	525.92	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0430	EA	14" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,611.64	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0431	EA	14" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,798.48	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0432	EA	14" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,834.09	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0433	EA	14" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,869.70	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0434	EA	14" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,262.27	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0435	EA	18" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,691.37	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0436	EA	18" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,796.28	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0437	EA	18" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,989.42	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0438	EA	18" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,069.14	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0439	EA	18" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,531.02	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0440	EA	21" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,827.79	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0441	EA	21" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,995.72	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0442	EA	21" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,188.85	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0443	EA	21" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,268.58	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0444	EA	21" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,881.67	
		For Cantilever Shelving, Add	*402.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0445	EA	14" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	443.19	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0446	EA	14" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	477.90	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0447	EA	14" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	517.71	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0448	EA	14" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	554.46	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0449	EA	14" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	601.43	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0450	EA	18" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	523.80	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0451	EA	18" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	537.09	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0452	EA	18" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	592.20	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0453	EA	18" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	620.78	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0454	EA	18" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	708.56	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0455	EA	21" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	570.75	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0456	EA	21" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	589.14	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0457	EA	21" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	651.38	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0458	EA	21" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	665.69	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0459	EA	21" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	763.67	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0460	EA	14" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	378.93	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0461	EA	14" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	398.34	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0462	EA	14" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	438.15	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0463	EA	14" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	447.36	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0464	EA	14" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	511.67	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0465	EA	18" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	427.92	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0466	EA	18" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	457.53	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0467	EA	18" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	520.80	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0468	EA	18" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	516.74	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0469	EA	18" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	578.00	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0470	EA	21" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	469.77	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0471	EA	21" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	488.16	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0472	EA	21" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	524.90	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0473	EA	21" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	543.29	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0474	EA	21" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	635.15	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0475	EA	14" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	1,967.36	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0476	EA	14" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,199.88	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0477	EA	14" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,243.37	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0478	EA	14" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,286.86	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0479	EA	14" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,775.51	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0480	EA	18" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,065.99	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0481	EA	18" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,196.12	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0482	EA	18" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,436.51	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0483	EA	18" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,535.12	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0484	EA	18" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,110.42	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0485	EA	21" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,235.50	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0486	EA	21" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,444.38	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0487	EA	21" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,684.77	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0488	EA	21" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,783.39	
		For Cantilever Shelving, Add	*472.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0489	EA	21" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,547.72	
		For Cantilever Shelving, Add	*472.00*	

11 41 31 Non-Refrigerated Storage Equipment *(11 41)*

11 41 31 00-0001 Wall Cabinets *(11 41 31)*

11 41 31 00-0002	EA	48" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	1,716.14	63.62
11 41 31 00-0003	EA	72" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	2,264.40	84.00
11 41 31 00-0004	EA	72" Wall Cabinet With Hinged Doors Note: 15" deep and 24" high.	2,599.06	96.29
11 41 31 00-0005	EA	72" Wall Cabinet With Open Shelves Note: 15" deep and 24" high.	1,663.39	61.43

11 41 31 00-0006 Mobile Sheet Pan Truck *(11 41 31)*

11 41 31 00-0007	EA	2 Level Mobile Sheet Pan Truck	159.50	4.98

11 41 31 00-0008 Pot And Utensil Rack *(11 41 31)*

11 41 31 00-0009	EA	70" Bench Type Pot And Utensil Rack	465.26	15.18
11 41 31 00-0010	EA	94" Bench Type Pot And Utensil Rack	539.24	17.16
11 41 31 00-0011	EA	94" Ceiling Type Pot And Utensil Rack	641.09	20.55
11 41 31 00-0012	EA	96" Wall Type Pot And Utensil Rack	348.64	11.22

11 41 31 00-0013 Tray And Silverware Cart *(11 41 31)*

11 41 31 00-0014	EA	33" x 22-1/2" x 42" Tray And Silverware Cart	1,609.32	51.22

11 41 31 00-0015 Flat Top Utility Units *(11 41 31)*

11 41 31 00-0016	EA	39" x 28-1/2" x 35-3/8" Flat Top Utility Units	1,097.24	35.01
11 41 31 00-0017	EA	79-1/2" x 28-1/2" x 35-3/8" Flat Top Utility Units	1,470.38	46.80

11 41 33 Foodservice Shelving *(11 41)*

11 41 33 00-0001 Shelving/Racks *(11 41 33)*

11 41 33 00-0002 Stainless Steel Shelving, Louvered, 4-Tier *(11 41 33 00-0001)*

11 41 33 00-0003	EA	20" X 3' Stainless Steel Shelving, Louvered 4-Tier	572.81	41.45
11 41 33 00-0004	EA	20" X 4' Stainless Steel Shelving, Louvered 4-Tier	657.28	41.45
11 41 33 00-0005	EA	20" X 6' Stainless Steel Shelving, Louvered 4-Tier	814.95	41.45
11 41 33 00-0006	EA	24" X 3' Stainless Steel Shelving, Louvered 4-Tier	696.70	41.45
11 41 33 00-0007	EA	24" X 4' Stainless Steel Shelving, Louvered 4-Tier	758.64	41.45
11 41 33 00-0008	EA	24" X 6' Stainless Steel Shelving, Louvered 4-Tier	997.40	41.45

11 41 33 00-0009 Stainless Steel Shelving, Flat, 4-Tier *(11 41 33 00-0001)*

11 41 33 00-0010	EA	20" X 3' Stainless Steel Shelving, Flat 4-Tier	567.18	41.45
11 41 33 00-0011	EA	20" X 4' Stainless Steel Shelving, Flat 4-Tier	640.38	41.45
11 41 33 00-0012	EA	20" X 5' Stainless Steel Shelving, Flat 4-Tier	741.74	41.45
11 41 33 00-0013	EA	24" X 3' Stainless Steel Shelving, Flat 4-Tier	640.38	41.45
11 41 33 00-0014	EA	24" X 4' Stainless Steel Shelving, Flat 4-Tier	747.38	41.45
11 41 33 00-0015	EA	24" X 6' Stainless Steel Shelving, Flat 4-Tier	826.21	41.45

11 41 33 00-0016 Galvanized Steel Shelving, Louvered, 4-Tier *(11 41 33 00-0001)*

11 41 33 00-0017	EA	20" X 3' Galvanized Shelving, Louvered 4-Tier	487.07	41.45
11 41 33 00-0018	EA	20" X 4' Galvanized Shelving, Louvered 4-Tier	575.69	41.45
11 41 33 00-0019	EA	20" X 6' Galvanized Shelving, Louvered 4-Tier	785.34	41.45
11 41 33 00-0020	EA	24" X 3' Galvanized Shelving, Louvered 4-Tier	554.07	41.45
11 41 33 00-0021	EA	24" X 4' Galvanized Shelving, Louvered 4-Tier	623.24	41.45
11 41 33 00-0022	EA	24" X 6' Galvanized Shelving, Louvered 4-Tier	752.92	41.45

11 41 33 00-0023 Galvanized Steel Shelving, Flat, 4-Tier *(11 41 33 00-0001)*

11 41 33 00-0024	EA	20" X 3' Galvanized Shelving, Flat 4-Tier	487.07	41.45
11 41 33 00-0025	EA	20" X 4' Galvanized Shelving, Flat 4-Tier	515.17	41.45
11 41 33 00-0026	EA	20" X 6' Galvanized Shelving, Flat 4-Tier	677.27	41.45
11 41 33 00-0027	EA	24" X 3' Galvanized Shelving, Flat 4-Tier	515.17	41.45
11 41 33 00-0028	EA	24" X 4' Galvanized Shelving, Flat 4-Tier	601.62	41.45
11 41 33 00-0029	EA	24" X 6' Galvanized Shelving, Flat 4-Tier	709.69	41.45

11 41 33 00-0030 Stainless Steel Dunnage Rack *(11 41 33 00-0001)*

11 41 33 00-0031	EA	24" X 3' Stainless Steel Dunnage Rack	404.19	33.15
11 41 33 00-0032	EA	24" X 4' Stainless Steel Dunnage Rack	437.98	33.15

11 41 33 00-0033 Galvanized Steel Dunnage Rack *(11 41 33 00-0001)*

11 41 33 00-0034	EA	24" X 3' Galvanized Dunnage Rack	422.94	33.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0035	EA	24" X 4' Galvanized Dunnage Rack	444.56	33.15
11 41 33 00-0036		**Mobile Racks** *(11 41 33 00-0001)*		
11 41 33 00-0037	EA	Mobile Rack With Pan Slide	1,376.80	33.15
11 41 33 00-0038		**Can Racks** *(11 41 33 00-0001)*		
11 41 33 00-0039	EA	Can Rack	1,992.53	33.15

11 42 Food Preparation Equipment *(11 40)*

11 42 13 Food Preparation Appliances *(11 42)*

11 42 13 00-0001		**Vertical Cutter Mixers** *(11 42 13)*		
11 42 13 00-0002	EA	Bench Type Mixers, 25 Quart	8,116.12	180.74
11 42 13 00-0003	EA	Bench Type Mixers, 40 Quart	9,321.78	180.74
11 42 13 00-0004	EA	Bench Type Mixers, 80 Quart	11,684.44	310.87
11 42 13 00-0005	EA	Bench Type Mixers, 130 Quart	13,226.36	506.08
11 42 13 00-0006		**Choppers** *(11 42 13)*		
11 42 13 00-0007	EA	Choppers, 5 LB	2,037.71	144.59
11 42 13 00-0008	EA	Choppers, 16 LB	2,988.77	187.97
11 42 13 00-0009	EA	Choppers, 35 LB - 40 LB	5,768.49	231.35
11 42 13 00-0010	EA	Choppers, 35 LB - 40 LB/Min, 2 HP	4,785.77	205.54
11 42 13 00-0011	EA	Choppers, 35 LB - 40 LB/Min, 3 HP	5,426.97	205.54
11 42 13 00-0012		**Floor Model Mixer** *(11 42 13)*		
11 42 13 00-0013	EA	Floor Type Mixers, 20 Quart	3,869.20	108.45
11 42 13 00-0014	EA	Floor Type Mixers, 60 Quart	9,524.53	72.29
11 42 13 00-0015	EA	Floor Type Mixers, 80 Quart	15,036.92	72.29
11 42 13 00-0016	EA	Floor Type Mixers, 140 Quart	19,057.09	115.68
11 42 13 00-0017		**Slicers** *(11 42 13)*		
11 42 13 00-0018	EA	Slicer With Table	3,229.73	104.40
11 42 13 00-0019		**Peelers** *(11 42 13)*		
11 42 13 00-0020	EA	Small Peeler	2,215.86	117.48
11 42 13 00-0021	EA	Large Peeler	2,347.25	156.67
11 42 13 00-0022		**Proof Boxes** *(11 42 13)*		
11 42 13 00-0023	EA	30-1/2" x 22-1/2", Stainless Steel Proof Box	1,129.85	51.22
11 42 13 00-0024	EA	30-1/2" x 45", Stainless Steel Proof Box	1,890.76	85.84
11 42 13 00-0025	EA	30-1/2" x 45", Galvanized Proof Box	1,591.63	38.97
11 42 13 00-0026		**Non-Insulated Heated Proof Cabinet** *(11 42 13)*		
11 42 13 00-0027	EA	Angle Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet	1,535.08	49.09
11 42 13 00-0028	EA	Angle Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet	1,646.75	52.48
11 42 13 00-0029	EA	Channel Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet	1,524.67	48.68
11 42 13 00-0030	EA	Channel Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet	1,615.94	51.62
11 42 13 00-0031		**Insulated Heated Proof Cabinet** *(11 42 13)*		
11 42 13 00-0032	EA	3 Spacing, 69-3/4" High Solid Door Insulated Heated Proof Cabinet	2,511.54	93.19
11 42 13 00-0033	EA	3 Spacing 69-3/4" High Sliding Door Insulated Heated Proof Cabinet	2,624.61	97.43
11 42 13 00-0034		**Pass-Thru Hot Food Holding Cabinet** *(11 42 13)*		
11 42 13 00-0035	EA	Single Section, Full Door, Pass-Thru Hot Food Holding Cabinet	3,658.46	151.82
11 42 13 00-0036	EA	Single Section, Half Door, Pass-Thru Hot Food Holding Cabinet	3,886.75	151.82
11 42 13 00-0037	EA	Two Section, Full Door, Pass-Thru Hot Food Holding Cabinet	4,943.16	159.05
11 42 13 00-0038	EA	Two Section, Half Door, Pass-Thru Hot Food Holding Cabinet	5,409.50	159.05

11 42 16 Food Preparation Surfaces *(11 42)*

11 42 16 00-0001		**Tables** *(11 42 16)*		
11 42 16 00-0002		**Baker's Table** *(11 42 16 00-0001)*		
11 42 16 00-0003	EA	4' Open Base Baker's Table	752.62	41.55
11 42 16 00-0004	EA	10' Open Base Baker's Table	1,477.15	81.47
11 42 16 00-0005	EA	10' Undershelf Baker's Table	1,822.57	100.53
11 42 16 00-0006	EA	10' Three Drawers Baker's Table	1,954.76	107.94
11 42 16 00-0007	EA	10' Bins Baker's Table	2,875.97	158.86
11 42 16 00-0008	EA	10' Bins And Drawers Baker's Table	4,516.11	249.37

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 16 00-0009		**Preparation Table, Stainless Steel, With Undershelf** *(11 42 16 00-0001)*		
11 42 16 00-0010	EA	30" X 72" Square Edge Stainless Steel Preparation Table With Undershelf	418.38	21.91
11 42 16 00-0011	EA	30" X 72' Marine Edge Stainless Steel Preparation Table With Undershelf	453.12	26.31
11 42 16 00-0012	EA	36" X 96" Marine Edge Stainless Steel Preparation Table With Undershelf	681.54	35.76
11 42 16 00-0013		**Preparation Table, Stainless Steel, With Open Front** *(11 42 16 00-0001)*		
11 42 16 00-0014	EA	30" X 72" Round Edge Stainless Steel Preparation Table With Open Front	440.54	23.05
11 42 16 00-0015	EA	36" X 96" Round Edge Stainless Steel Preparation Table With Open Front	566.23	29.65
11 42 16 00-0016	EA	36" X 96" Square Edge Stainless Steel Preparation Table With Open Front	486.38	25.50
11 42 16 00-0017	EA	36" X 96' Marine Edge Stainless Steel Preparation Table With Open Front	585.45	30.71
11 42 16 00-0018	EA	Roller Utility Drawers Stainless Steel Preparation Table With Open Front	118.26	6.19
11 42 16 00-0019		**Mobile Tables** *(11 42 16 00-0001)*		
11 42 16 00-0020	EA	21-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top	1,518.57	19.63
11 42 16 00-0021	EA	32-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top	827.13	23.54
11 42 16 00-0022	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Mobile Table With Stainless Steel Top	504.16	26.47
11 42 16 00-0023		**Hot Food Tables, Stainless Steel, Gas Or Electric** *(11 42 16 00-0001)*		
11 42 16 00-0024	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Hot Food Tables	900.41	47.25
11 42 16 00-0025	EA	32-1/4" x 27-1/2" x 21" Stainless Steel Hot Food Tables	730.32	38.29
11 42 16 00-0026	EA	Full Size Pan With Cover Stainless Steel Hot Food Tables	60.62	3.18
11 42 16 00-0027	EA	Set Of Three 1/3 Size With Cover Stainless Steel Hot Food Tables	88.67	4.65
11 42 16 00-0028	EA	58-1/2", 4 Openings Stainless Steel Hot Food Tables	1,763.92	80.22
11 42 16 00-0029	EA	114-1/2", 8 Openings Stainless Steel Hot Food Tables	3,509.52	160.06
11 42 16 00-0030		**Basic Table** *(11 42 16 00-0001)*		
11 42 16 00-0031	LF	Table, Basic	251.37	18.44
11 42 16 00-0032		**Table With Sink** *(11 42 16)*		
11 42 16 00-0033	LF	Table With Sink	306.77	30.44

11 42 23 Food Preparation Scullery Sinks *(11 42)*

11 42 23 00-0001		**Stainless Steel Scullery Sinks** *(11 42 23)*		
		Note: Excludes faucet. See CSI section 22 42 39 00-0056 for service sink faucets.		
11 42 23 00-0002	EA	Stainless Steel Scullery Sink, Single 30" x 24" x 12" Compartment And Drainboard	1,913.16	127.75
		For Additional Drain Board, Add	*178.54*	
11 42 23 00-0003	EA	Stainless Steel Scullery Sink, Double 30" x 24" x 12" Compartment And Drainboard	2,623.11	145.99
		For Additional Drain Board, Add	*248.62*	
11 42 23 00-0004	EA	Stainless Steel Scullery Sink, Triple 30" x 24" x 12" Compartment And Drainboard	3,428.64	145.99
		For Additional Drain Board, Add	*328.27*	
11 42 23 00-0005	EA	Stainless Steel Scullery Sink, Quad 30" x 24" x 12" Compartment And Drainboard	4,852.42	145.99
		For Additional Drain Board, Add	*470.64*	
11 42 23 00-0006	EA	Stainless Steel Pot Sink, Double 20" x 20" x 18" Compartment And Drainboard	3,137.79	145.99

11 44 Food Cooking Equipment *(11 40)*

11 44 13 Commercial Ranges *(11 44)*

11 44 13 00-0001		**Range** *(11 44 13)*		
11 44 13 00-0002	EA	Heavy Duty Range, With 34" Open Top Oven	1,922.39	72.29
11 44 13 00-0003	EA	Range With Fry Top	1,922.39	72.29
11 44 13 00-0004	EA	Steel Finish Fry Top	4,095.10	96.35
11 44 13 00-0005	EA	Stainless Top Only Fry Top	4,093.34	95.24
11 44 13 00-0006	EA	Stainless Top And 2 Sides Fry Top	4,729.93	110.90
11 44 13 00-0007	EA	Gas Range, Vulcan #260L	4,267.45	98.81
		Note: Six 12" burners, open top sections, porcelain on steel aeration plates and grates. 24" griddle/broiler, two 26-1/4" x 22" x 14-1/2" ovens porcelain on steel liner and aluminized steel construction, nickel plated oven racks.		

11 44 16 Commercial Ovens *(11 44)*

11 44 16 00-0001		**Bake Oven** *(11 44 16)*		
11 44 16 00-0002	EA	Bake Oven - Single Deck	3,993.65	108.45
11 44 16 00-0003	EA	Bake Oven - Double Deck	8,139.38	144.59
11 44 16 00-0004	EA	Bake Oven - Triple Deck	11,839.21	144.59
11 44 16 00-0005	EA	Rotary Oven, Gas, Medium	29,609.97	4,699.28
11 44 16 00-0006		**Combination Ovens** *(11 44 16)*		
		Note: Convection, steam and combination modes.		
11 44 16 00-0007	EA	35.4" x 34" x 26.6" Half Size Electric Boilerless Combination Oven	11,620.39	126.52
11 44 16 00-0008	EA	35.4" x 45" x 36.8" Full Size Electric Boilerless Combination Oven	19,025.92	144.59
11 44 16 00-0009	EA	35.4" x 34" x 36.8 Half Size Electric Boilerless Combination Oven	15,732.62	144.59
11 44 16 00-0010	EA	35.4" x 45" x 70.4" Full Size Electric Boilerless Combination Oven	37,868.21	180.74
11 44 16 00-0011	EA	35.4" x 34" x 70.4 Half Size Electric Boilerless Combination Oven	28,775.13	180.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0012		Electric Convection Type Oven *(11 44 16)*		
11 44 16 00-0013	EA	40" x 45" x 57" Convection Oven	6,250.31	122.90
11 44 16 00-0014	EA	30" x 25" x 29" Half Size Electric Convection Oven	3,438.39	126.52
11 44 16 00-0015	EA	30" x 25" x 66-3/4" Half Size Electric Convection Oven	6,984.00	135.55
11 44 16 00-0016	EA	40" x 41-1/2" x 56-3/4" Single Deck Electric Convection Oven	4,833.27	135.55
11 44 16 00-0017	EA	40" x 41-1/2" x 70" Single Deck Electric Convection Oven	9,116.14	144.59
11 44 16 00-0018		Broiler, Without Oven *(11 44 16)*		
11 44 16 00-0019	EA	69" x 26" x 39" Broiler Without Oven	5,340.41	115.68
11 44 16 00-0020	EA	Conveyor Broiler	4,746.69	134.25
11 44 19		**Other Commercial Cooking Equipment** *(11 44)*		
11 44 19 00-0001		Electric Griddle *(11 44 19)*		
11 44 19 00-0002	EA	24" Wide x 24" Deep Electric Griddle	2,086.81	99.41
11 44 19 00-0003	EA	36" Wide x 24" Deep Electric Griddle	2,942.21	99.41
11 44 19 00-0004	EA	48" Wide x 24" Deep Electric Griddle	3,364.23	108.45
11 44 19 00-0005	EA	60" Wide x 24" Deep Electric Griddle	4,012.57	108.45
11 44 19 00-0006	EA	72" Wide x 24" Deep Electric Griddle	5,129.77	117.48
11 44 19 00-0007		Fryer, With Submerger *(11 44 19)*		
11 44 19 00-0008	EA	Single Fryer With Submerger	2,924.18	115.68
11 44 19 00-0009	EA	Double Fryer With Submerger	5,922.34	144.59
11 44 19 00-0010	EA	Fryer Battery With Filter Unit (Single 42 LB Capacity)	8,962.64	187.97
11 44 19 00-0011	EA	Fryer Battery With Filter Unit (Triple 42 LB Capacity)	21,190.29	234.96
11 44 19 00-0012	EA	50 LB Capacity, 208V, Electric Fryer	3,286.50	144.59
11 44 19 00-0013	EA	50 LB Capacity, Single Basket Lift, 208V, Electric Fryer	4,799.94	151.82
11 44 19 00-0014	EA	50 LB Capacity, 480V, Electric Fryer	3,445.36	144.59
11 44 19 00-0015	EA	50 LB Capacity, Single Basket Lift, 480V, Electric Fryer	4,958.80	151.82
11 44 19 00-0016	EA	85 LB Capacity, Single Basket Lift, 208V, Electric Fryer	10,839.71	187.97
11 44 19 00-0017	EA	85 LB Capacity, Single Basket Lift, 480V, Electric Fryer	11,100.40	187.97
11 44 19 00-0018		Kettles, Steam Jacketed *(11 44 19)*		
11 44 19 00-0019	EA	5 Gallon Kettle, With Stand	3,001.36	79.04
11 44 19 00-0020	EA	20 Gallon Kettle With Steam Jacket	3,976.43	79.04
11 44 19 00-0021	EA	40 Gallon Kettle With Steam Jacket	7,062.55	79.04
11 44 19 00-0022	EA	60 Gallon Kettle With Steam Jacket	11,035.00	79.04
11 44 19 00-0023		Steamers, Electric *(11 44 19)*		
11 44 19 00-0024		Cooking Equipment/ Steamers *(11 44 19 00-0023)*		
11 44 19 00-0025	EA	3 Pan, Electric Countertop Convection Steamer	4,484.26	151.82
11 44 19 00-0026	EA	5 Pan, Electric Countertop Convection Steamer	5,882.31	159.05
11 44 19 00-0027	EA	3 Pan, Electric Countertop Boilerless/Connectionless Steamer	4,155.67	151.82
11 44 19 00-0028	EA	5 Pan, Electric Countertop Boilerless/Connectionless Steamer	6,024.19	159.05
11 44 19 00-0029		Braising Pans *(11 44 19)*		
11 44 19 00-0030	EA	24" X 24", 240V, Tilting Braising Pan	6,325.01	137.77
11 44 19 00-0031	EA	24" X 31", 240V, Tilting Braising Pan	6,674.59	144.88
11 44 19 00-0032	EA	24" X 41", 240V, Tilting Braising Pan	7,108.95	154.29
11 44 19 00-0033	EA	24" X 24", 62000 BTU/Hour, Tilting Braising Pan	8,245.41	179.66
11 44 19 00-0034	EA	24" X 31", 90000 BTU/Hour, Tilting Braising Pan	8,526.27	185.20
11 44 19 00-0035	EA	24" X 41", 120000 BTU/Hour, Tilting Braising Pan	8,857.80	190.10
11 44 19 00-0036		Toasters *(11 44 19)*		
11 44 19 00-0037	EA	Bun Toaster 3.2 KW	1,257.21	31.78
11 44 19 00-0038	EA	Bun Toaster 4.3 KW	1,372.05	34.62
11 44 19 00-0039	EA	Pop-Up Toaster, 2 Slot	420.37	78.29
11 44 19 00-0040	EA	Conveyor Toaster	723.11	117.48
11 44 19 00-0041		Microwave Ovens *(11 44 19)*		
11 44 19 00-0042	EA	1000 Watt Commercial Grade Microwave Oven, Freestanding Metallic Cabinet With Dial Timer	666.21	
11 44 19 00-0043	EA	1000 Watt Commercial Grade Microwave Oven, Freestanding Stainless Steel Cabinet With Digital Display	924.92	
11 44 19 00-0044		Ceramic Broiler On Storage Base With Doors *(11 44 19)*		
11 44 19 00-0045	EA	Standard Finish Ceramic Boiler On Storage Base With Doors	5,211.43	112.95
11 44 19 00-0046	EA	Stainless Steel Front Ceramic Boiler On Storage Base With Doors	5,211.43	112.95
11 44 19 00-0047	EA	Stainless Steel Front And Sides Ceramic Boiler On Storage Base With Doors	6,477.21	141.01
11 44 19 00-0048		Gas Countertop Hot Plate *(11 44 19)*		
11 44 19 00-0049	EA	2 Burners Gas Countertop Hot Plate	664.40	14.38

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 Food Dispensing Equipment *(11 40)*				
11 46 13 Bar Equipment *(11 46)*				
11 46 13 00-0001		Soft Serve Machines *(11 46 13)*		
11 46 13 00-0002	EA	Soft Serve Machines, Medium	9,126.38	85.46
11 46 13 00-0003	EA	Soft Serve Machines, Large	15,395.70	104.40
11 46 13 00-0004		Salad Bars *(11 46 13)*		
11 46 13 00-0005	EA	96" Refrigerated Salad Bar With Light 54" Height	6,849.93	306.28
11 46 13 00-0006	EA	96" Refrigerated Salad Bar Without Light 54" Height	6,291.38	306.28
11 46 13 00-0007	EA	96" Iced Salad Bar Without Light 54" Height	4,408.56	168.28
11 46 13 00-0008	EA	79" Iced Salad Bar Without Light 54" Height	3,488.24	138.24
11 46 13 00-0009	EA	79" Refrigerated Salad Bar Without Light 54" Height	5,296.64	202.82
11 46 13 00-0010	EA	114" Iced Salad Bar 34" Height	5,820.08	179.66
11 46 13 00-0011	EA	Salad Bar Tray Fixed	1,146.45	30.43
11 46 13 00-0012	EA	Salad Bar Tray Hinged	1,220.08	30.43
11 46 16 Service Line Equipment *(11 46)*				
11 46 16 00-0001		Food Warmer Holding Station *(11 46 16)*		
11 46 16 00-0002	EA	Food Warmer Station And Heat Lamp	464.51	11.73
11 46 16 00-0003		Roll And Food Warmers *(11 46 16)*		
11 46 16 00-0004	EA	One Drawer, 16 Roll Capacity Food Warmer	999.59	25.26
11 46 16 00-0005	EA	Three Drawer, 36 Roll Capacity Food Warmer	2,287.52	57.85
11 46 16 00-0006		Hot Cabinets With Top Wells Electric *(11 46 16)*		
11 46 16 00-0007	EA	2 Wells, 2 Compartments Hot Cabinet With Top Wells, Electric	5,329.02	112.95
11 46 16 00-0008	EA	3 Wells, 3 Compartments Hot Cabinet With Top Wells, Electric	7,613.77	161.87
11 46 16 00-0009		Portable Hot Food Units *(11 46 16)*		
11 46 16 00-0010	EA	44-1/2", 3 Opening Portable Hot Food Unit	1,175.49	24.98
11 46 16 00-0011	EA	72-1/2", 5 Opening Portable Hot Food Unit	1,711.50	36.36
11 46 16 00-0012		Stationary Hot Food Units *(11 46 16)*		
11 46 16 00-0013	EA	44-1/2", 3 Opening Stationary Hot Food Unit	1,057.59	23.00
11 46 16 00-0014	EA	72-1/2", 5 Opening Stationary Hot Food Unit	1,560.53	33.91
11 46 16 00-0015		Serving Counters *(11 46 16)*		
11 46 16 00-0016	LF	11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Straight Section	92.30	29.50
11 46 16 00-0017	LF	11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Curved Section	116.81	45.19
11 46 16 00-0018		Drop-In Equipment *(11 46 16)*		
11 46 16 00-0019	EA	Hot Food Well, Rectangular	397.65	93.98
11 46 16 00-0020	EA	Hot Food Well, Circular	364.88	93.98
11 46 16 00-0021	EA	Refrigerated Well, 2 Compartment	976.33	93.98
11 46 16 00-0022	EA	Refrigerated Well, 3 Compartment	1,107.59	104.40
11 46 16 00-0023	EA	Refrigerated Well, 4 Compartment	1,257.58	117.48
11 46 16 00-0024	EA	Frost Cold Plate	1,535.72	104.40
11 46 16 00-0025		Beverage Dispensing *(11 46 16)*		
11 46 16 00-0026	EA	Coffee Urn, Twin 3 Gallon	2,486.45	141.62
11 46 16 00-0027	EA	Coffee Urn, Twin 6 Gallon	3,541.63	198.24
11 46 16 00-0028	EA	Coffee Brewer, 5 Burner	1,020.35	141.62
11 46 16 00-0029	EA	Hot Chocolate Dispenser	994.94	116.65
11 46 16 00-0030	EA	Iced Tea Brewer	1,461.80	116.65
11 46 16 00-0031	EA	Juice Dispenser (Concentrate)	1,072.59	208.65
11 46 16 00-0032	EA	Jet Spray Dispenser	1,523.44	208.87
11 46 16 00-0033	EA	Milk Dispenser, Bulk, 2 Flavor	1,280.07	117.48
11 46 16 00-0034	EA	Milk Dispenser, Bulk, 3 Flavor	1,746.93	117.48
11 46 16 00-0035		Dish Dispensers *(11 46 16)*		
11 46 16 00-0036	EA	Dish Dispenser, 12", Drop-in	515.87	23.67
11 46 16 00-0037	EA	Dish Dispenser, Mobile	1,608.18	27.66
11 46 16 00-0038	EA	Cup And Glass Dispenser, Drop-in	881.12	73.61
11 46 16 00-0039	EA	Disposable Cup Dispenser, Drop-in	319.82	16.58
11 46 16 00-0040		Tray And Silver Dispensers *(11 46 16)*		
11 46 16 00-0041	EA	Tray And Silver Dispensers Mobile	2,008.70	16.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0042		Condiment Dispensers *(11 46 16)*		
11 46 16 00-0043	EA	Butter Pat Dispenser	118.44	20.76
11 46 16 00-0044	EA	Bread Dispenser, Counter Top	333.03	20.76
11 46 16 00-0045		Sandwich Rack Warmer *(11 46 16)*		
11 46 16 00-0046	EA	18 Compartment, 2 Tier Sandwich Rack Warmer	2,526.02	93.60
11 46 16 00-0047		Mobile Bread Counter *(11 46 16)*		
11 46 16 00-0048	EA	Mobile Bread And Roll Counter	5,797.70	210.42
11 46 16 00-0049		Open Service Stand *(11 46 16)*		
11 46 16 00-0050	EA	6' Open Service Stand	2,227.22	70.74
11 46 16 00-0051	LF	Each Additional Ft Over 6 Ft Add	304.70	9.56
11 46 16 00-0052		Mobile Serving Stand Unit *(11 46 16)*		
11 46 16 00-0053	EA	36" Mobile Serving Stand Unit	1,945.02	67.66
11 46 16 00-0054	EA	96" Mobile Serving Stand Unit	3,197.37	101.41
11 46 16 00-0055		Reach-In Heated Cabinets *(11 46 16)*		
11 46 16 00-0056	EA	Heated Cabinet, Reach-in, 1 Compartment	3,926.72	120.52
11 46 16 00-0057	EA	Heated Cabinet, Reach-in, 2 Compartment	5,659.77	151.61
11 46 16 00-0058	EA	Heated Cabinet, 1 Compartment, Pass-Through Roll-In	4,111.00	120.52
11 46 16 00-0059	EA	Heated Cabinet, Pass-Through, Roll-In 2 Compartment	5,927.60	151.61
11 46 16 00-0060		Mobile Heated Cabinets *(11 46 16)*		
11 46 16 00-0061	EA	Heated Cabinet, Mobile	4,423.87	41.45
11 46 19		**Soda Fountain Equipment** *(11 46)*		
11 46 19 00-0001		Carbonated Beverage Dispensing *(11 46 19)*		
11 46 19 00-0002	EA	Carbonated Beverage Dispenser	2,731.69	293.74
11 46 19 00-0003	EA	Carbonated Beverage Dispenser With 90# Ice	4,345.58	335.68
11 46 19 00-0004	EA	Carbonated Beverage Dispenser With 150# Ice	8,003.34	469.93
11 46 19 00-0005		Beverage Chilling Systems *(11 46 19)*		
11 46 19 00-0006	EA	Beverage Chiller, Small	4,099.59	243.29
11 46 19 00-0007	EA	Beverage Chiller, Large	7,626.98	364.98
11 47		Ice Machines *(11 40)*		
11 47 00 00-0001		Ice Cube Maker *(11 47)*		
11 47 00 00-0002	EA	101 LB/Day, Self Contained Ice Maker With Built-In Bin	1,694.56	126.52
11 47 00 00-0003	EA	201 LB/Day, Self Contained Ice Maker With Built-In Bin	2,005.13	135.55
11 47 00 00-0004	EA	260 LB/Day, Self Contained Ice Maker With Built-In Bin	2,294.79	144.59
11 47 00 00-0005	EA	320 LB/Day, Modlular Ice Maker Without Bin	2,026.02	135.55
11 47 00 00-0006	EA	451 LB/Day, Modlular Ice Maker Without Bin	2,200.19	144.59
11 47 00 00-0007	EA	600 LB/Day, Modlular Ice Maker Without Bin	2,507.89	144.59
11 47 00 00-0008	EA	901 LB/Day, Modlular Ice Maker Without Bin	3,557.55	153.63
11 47 00 00-0009	EA	1301 LB/Day, Modlular Ice Maker Without Bin	4,025.98	153.63
11 47 00 00-0010	EA	1601 LB/Day, Modlular Ice Maker Without Bin	4,841.54	162.67
11 47 00 00-0011	EA	1900 LB/Day, Modlular Ice Maker Without Bin	5,339.35	162.67
11 47 00 00-0012		Ice Flakers *(11 47)*		
11 47 00 00-0013	EA	Ice Flakers, 300 LB/Day	3,465.10	516.40
11 47 00 00-0014	EA	Ice Flakers, 600 LB/Day	6,211.55	826.25
11 47 00 00-0015	EA	Ice Flakers, 1000 LB/Day	7,751.97	1,136.09
11 47 00 00-0016	EA	Ice Flakers, 2000 LB/Day	9,374.12	1,239.37
11 47 00 00-0017		Ice Storage Bins *(11 47)*		
11 47 00 00-0018	EA	260 LB Stainless Steel Ice Storage Bin	842.44	99.49
11 47 00 00-0019	EA	360 LB Stainless Steel Ice Storage Bin	917.65	99.49
11 47 00 00-0020	EA	550 LB Stainless Steel Ice Storage Bin	1,134.79	107.78
11 47 00 00-0021	EA	660 LB Stainless Steel Ice Storage Bin	1,218.36	107.78
11 47 00 00-0022	EA	1150 LB Stainless Steel Ice Storage Bin	2,279.53	116.07
11 48		Cleaning And Disposal Equipment *(11 40)*		
11 48 13		**Commercial Dishwashers** *(11 48)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 48 13 00-0001		Sprays And Hoses *(11 48 13)*		
11 48 13 00-0002		Sprays, Fillers *(11 48 13 00-0001)*		
11 48 13 00-0003	EA	Pre-Rinse Spray	320.69	57.94
11 48 13 00-0004	EA	Kettle Fillers	279.74	57.94
11 48 13 00-0005		Hoses *(11 48 13 00-0001)*		
11 48 13 00-0006	EA	Hose Reel	384.83	69.56
11 48 13 00-0007	EA	Wash-Down Hose	302.92	69.56
11 48 13 00-0008	EA	Hose Reel And Spray System With Accessories (Chicago 535NF)	1,180.91	
11 48 13 00-0009		Rack Type Dishwasher *(11 48 13)*		
11 48 13 00-0010	EA	Dishwasher, 1 Tank And 190 Racks/Hour	7,076.26	158.59
11 48 13 00-0011	EA	Dishwasher, 2 Tanks And 234 Racks/Hour	11,815.65	222.03
11 48 13 00-0012	EA	Dishwasher, 2 Tanks And 265 Racks/Hour	14,208.83	237.89
11 48 13 00-0013	EA	Dishwasher, Automatic - 100 Meals/Hour	11,363.51	118.94
11 48 13 00-0014	EA	Dishwasher, Machine Rack	13,298.90	330.43
11 48 13 00-0015	EA	Dishwasher, Hobart LX30-H	3,548.77	138.77
11 48 13 00-0016		Exhaust Hood Dishwasher *(11 48 13)*		
11 48 13 00-0017	EA	4' x 4' x 2' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	1,457.98	164.61
11 48 13 00-0018	EA	4' x 4' x 7' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	2,455.20	197.53
11 48 13 00-0019		Dish Tables *(11 48 13)*		
11 48 13 00-0020	LF	Clean/Soiled Dish Table, Basic	172.63	30.44
11 48 13 00-0021	LF	Clean/Soiled Dish Table With Trough	270.61	45.62
11 48 13 00-0022	LF	Clean/Soiled Dish Table, Maximum	329.70	60.81

11 48 16 Food Waste Disposers *(11 48)*

11 48 16 00-0001		Garbage Disposals *(11 48 16)* Note: Manual switch.		
11 48 16 00-0002	EA	Garbage Disposal 1.5 HP At 100 GPH	1,982.78	118.94
11 48 16 00-0003	EA	Garbage Disposal 3 HP At 120 GPH	3,054.38	79.30
11 48 16 00-0004	EA	Garbage Disposal 5 HP At 250 GPH	3,650.83	158.59
11 48 16 00-0005	EA	Garbage Disposal 7-1/2 HP	5,043.61	157.64
11 48 16 00-0006		Pulper/Extractors *(11 48 16)*		
11 48 16 00-0007	EA	5 HP, Pulper/Extractor, Close-Coupled	4,439.35	165.17

11 50 Educational And Scientific Equipment *(11)*

11 52 Audio-Visual Equipment *(11 50)*

11 52 13 Projection Screens *(11 52)*

11 52 13 13 Fixed Projection Screens *(11 52 13)*

11 52 13 13-0001		Screens *(11 52 13 13)*		
11 52 13 13-0002		Pull Down Project Screen, Matte White Or Glass Beaded; Da-Lite Model B *(11 52 13 13-0001)*		
11 52 13 13-0003	EA	40 x 40 Pull Down Projection Screen	183.10	57.05
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0004	EA	50 x 50 Pull Down Projection Screen	221.62	73.35
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0005	EA	60 x 60 Pull Down Projection Screen	292.74	101.88
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0006	EA	70 x 70 Pull Down Projection Screen	343.50	122.25
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0007	EA	84 x 84 Pull Down Projection Screen	525.74	183.37
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0008	EA	96 x 96 Pull Down Projection Screen	606.49	203.74
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0009	EA	64 x 84 Pull Down Projection Screen	419.79	130.39
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0010	EA	72 x 96 Pull Down Projection Screen	494.99	162.99
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0011	EA	43 x 57 Pull Down Projection Screen	247.54	69.27
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0012	EA	50 x 67 Pull Down Projection Screen	344.60	97.80
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0013	EA	55 x 77 Pull Down Projection Screen	379.05	110.02
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0014	EA	60 x 80 Pull Down Projection Screen	405.34	118.17
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0015	EA	69 x 92 Pull Down Projection Screen	474.24	142.62
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0016	EA	45 x 80 Pull Down Projection Screen	372.74	101.88
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0017	EA	52 x 92 Pull Down Projection Screen	425.34	118.17
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

11 52 13 13-0018 Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded; Da-Lite Model C *(11 52 13 13-0001)*

11 52 13 13-0019	EA	50 x 50 Pull Down Projection Screen	361.62	73.35
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0020	EA	60 x 60 Pull Down Projection Screen	442.74	101.88
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0021	EA	70 x 70 Pull Down Projection Screen	536.09	138.54
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0022	EA	84 x 84 Pull Down Projection Screen	645.74	183.37
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0023	EA	6' x 8' Pull Down Projection Screen	693.89	187.44
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0024	EA	8' x 8' Pull Down Projection Screen	746.49	203.74
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0025	EA	7' x 9' Pull Down Projection Screen	756.49	203.74
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0026	EA	9' x 9' Pull Down Projection Screen	810.94	215.97
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0027	EA	8' x 10' Pull Down Projection Screen	865.39	228.19
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0028	EA	10' x 10' Pull Down Projection Screen	927.98	244.50
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0029	EA	9' x 12' Pull Down Projection Screen	1,007.98	244.50
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0030	EA	12' x 12' Pull Down Projection Screen	1,210.98	325.99
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

11 52 13 13-0031 Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded; Da-Lite Model C With CSR *(11 52 13 13-0001)*
Note: With controlled screen return.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0032	EA	60 x 60 Pull Down Projection Screen With CSR (Controlled Screen Return)	642.74	101.88
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0033	EA	70 x 70 Pull Down Projection Screen With CSR (Controlled Screen Return)	746.09	138.54
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0034	EA	84 x 84 Pull Down Projection Screen With CSR (Controlled Screen Return)	855.74	183.37
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0035	EA	6' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return)	893.89	187.44
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0036	EA	8' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return)	956.49	203.74
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0037	EA	7' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return)	966.49	203.74
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0038	EA	9' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return)	1,020.94	215.97
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0039	EA	8' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return)	1,047.24	224.12
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0040	EA	10' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return)	1,167.98	244.50
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0041	EA	9' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return)	1,257.98	244.50
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0042	EA	12' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return)	1,480.98	325.99
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

11 52 13 13-0043 Electric Project Screen, Matte White Or Glass Beaded; Da-Lite Cosmopolitan Electrol *(11 52 13 13-0001)*

Note: Heavy-duty screen for exposed installation.

11 52 13 13-0044	EA	50" x 50" Electric Projection Screen, Wall Or Ceiling Mounted	1,261.21	91.69
11 52 13 13-0045	EA	60" x 60" Electric Projection Screen, Wall Or Ceiling Mounted	1,294.44	101.88
11 52 13 13-0046	EA	70" x 70" Electric Projection Screen, Wall Or Ceiling Mounted	1,359.64	122.25
11 52 13 13-0047	EA	84" x 84" Electric Projection Screen, Wall Or Ceiling Mounted	1,592.49	183.37
11 52 13 13-0048	EA	6' x 8' Electric Projection Screen, Wall Or Ceiling Mounted	1,631.51	187.44
11 52 13 13-0049	EA	8' x 8' Electric Projection Screen, Wall Or Ceiling Mounted	1,734.85	203.74
11 52 13 13-0050	EA	7' x 9' Electric Projection Screen, Wall Or Ceiling Mounted	1,767.00	203.74
11 52 13 13-0051	EA	9' x 9' Electric Projection Screen, Wall Or Ceiling Mounted	1,857.27	218.00
11 52 13 13-0052	EA	8' x 10' Electric Projection Screen, Wall Or Ceiling Mounted	1,963.82	228.19
11 52 13 13-0053	EA	10' x 10' Electric Projection Screen, Wall Or Ceiling Mounted	2,038.85	244.50
11 52 13 13-0054	EA	9' x 12' Electric Projection Screen, Wall Or Ceiling Mounted	2,096.73	244.50
11 52 13 13-0055	EA	12' x 12' Electric Projection Screen, Wall Or Ceiling Mounted	2,360.05	325.99

11 52 13 13-0056 Electric Project Screen, Matte White Or Glass Beaded; Da-Lite Professional Electrol *(11 52 13 13-0001)*

Note: Heavy-duty screen for exposed or recessed installation without doors.

11 52 13 13-0057	EA	9' x 12' Electric Projection Screen, Ceiling Mounted Note: Heavy-duty screen for exposed or recessed installation without doors.	2,187.98	244.50
11 52 13 13-0058	EA	12' x 12' Electric Projection Screen, Ceiling Mounted Note: Heavy-duty screen for exposed or recessed installation without doors.	2,430.98	325.99
11 52 13 13-0059	EA	14' x 14' Electric Projection Screen, Ceiling Mounted Note: Heavy-duty screen for exposed or recessed installation without doors.	2,972.48	366.74
11 52 13 13-0060	EA	12' x 16' Electric Projection Screen, Ceiling Mounted Note: Heavy-duty screen for exposed or recessed installation without doors.	3,153.98	407.49
11 52 13 13-0061	EA	16' x 16' Electric Projection Screen, Ceiling Mounted Note: Heavy-duty screen for exposed or recessed installation without doors.	3,416.98	488.98
11 52 13 13-0062	EA	13.5' x 18' Electric Projection Screen, Ceiling Mounted Note: Heavy-duty screen for exposed or recessed installation without doors.	3,798.47	529.74
11 52 13 13-0063	EA	18' x 18' Electric Projection Screen, Ceiling Mounted Note: Heavy-duty screen for exposed or recessed installation without doors.	4,149.97	570.49
11 52 13 13-0064	EA	15' x 20' Electric Projection Screen, Ceiling Mounted Note: Heavy-duty screen for exposed or recessed installation without doors.	4,349.97	570.49
11 52 13 13-0065	EA	20' x 20' Electric Projection Screen, Ceiling Mounted Note: Heavy-duty screen for exposed or recessed installation without doors.	4,722.97	651.98
11 52 13 13-0066	EA	11' x 22' Electric Projection Screen, Ceiling Mounted Note: Heavy-duty screen for exposed or recessed installation without doors.	4,298.47	529.74
11 52 13 13-0067	EA	16.5' x 22' Electric Projection Screen, Ceiling Mounted Note: Heavy-duty screen for exposed or recessed installation without doors.	4,642.97	651.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0068	EA	22' x 22' Electric Projection Screen, Ceiling Mounted Note: Heavy-duty screen for exposed or recessed installation without doors.	4,905.96	733.48
11 52 13 13-0069	EA	12' x 24' Electric Projection Screen, Ceiling Mounted Note: Heavy-duty screen for exposed or recessed installation without doors.	4,579.97	570.49
11 52 13 13-0070	EA	18' x 24' Electric Projection Screen, Ceiling Mounted Note: Heavy-duty screen for exposed or recessed installation without doors.	5,905.96	733.48

11 52 13 13-0071 Electric Project Screen, Matte White Or Glass Beaded; Da-Lite Executive Electrol *(11 52 13 13-0001)*

Note: In-the-ceiling screen with automatically operated door to conceal screen.

11 52 13 13-0072	EA	50 x 50 Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	1,882.37	91.69
11 52 13 13-0073	EA	60 x 60 Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	1,932.74	101.88
11 52 13 13-0074	EA	70 x 70 Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	1,993.50	122.25
11 52 13 13-0075	EA	84 x 84 Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,185.74	183.37
11 52 13 13-0076	EA	6' x 8' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,213.89	187.44
11 52 13 13-0077	EA	8' x 8' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,306.49	203.74
11 52 13 13-0078	EA	7' x 9' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,366.49	203.74
11 52 13 13-0079	EA	9' x 9' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,425.02	218.00
11 52 13 13-0080	EA	8' x 10' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,495.39	228.19
11 52 13 13-0081	EA	10' x 10' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,567.98	244.50
11 52 13 13-0082	EA	9' x 12' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,587.98	244.50
11 52 13 13-0083	EA	12' x 12' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,850.98	325.99
11 52 13 13-0084	EA	10.6' x 14' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,051.73	346.36
11 52 13 13-0085	EA	14' x 14' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,192.48	366.74
11 52 13 13-0086	EA	12' x 16' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,493.98	407.49
11 52 13 13-0087	EA	16' x 16' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,706.98	488.98

11 52 13 13-0088 Electric Project Screen, Matte White Or Glass Beaded; Da-Lite Senior Electrol *(11 52 13 13-0001)*

Note: In-the-ceiling screen with automatically operated door to conceal screen.

11 52 13 13-0089	EA	50 x 50 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	1,578.37	91.69
11 52 13 13-0090	EA	60 x 60 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	1,633.12	112.06
11 52 13 13-0091	EA	70 x 70 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	1,662.50	122.25
11 52 13 13-0092	EA	84 x 84 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	1,813.74	183.37
11 52 13 13-0093	EA	6' x 8' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	1,830.89	187.44
11 52 13 13-0094	EA	8' x 8' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	1,901.49	203.74
11 52 13 13-0095	EA	7' x 9' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	1,954.49	203.74
11 52 13 13-0096	EA	9' x 9' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	2,054.02	218.00
11 52 13 13-0097	EA	8' x 10' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	2,088.39	228.19
11 52 13 13-0098	EA	10' x 10' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	2,163.98	244.50
11 52 13 13-0099	EA	9' x 12' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	2,205.49	285.24
11 52 13 13-0100	EA	12' x 12' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	2,426.98	325.99
11 52 13 13-0101	EA	10'-6" x 14' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	2,965.73	346.36
11 52 13 13-0102	EA	14' x 14' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	3,101.48	366.74
11 52 13 13-0103	EA	12' x 16' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	3,367.98	407.49
11 52 13 13-0104	EA	16' x 16' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	3,572.98	488.98
11 52 13 13-0105	EA	13'-6" x 18' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	3,889.47	529.74
11 52 13 13-0106	EA	18' x 18' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	4,137.97	570.49
11 52 13 13-0107	EA	15' x 20' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	4,283.97	570.49
11 52 13 13-0108	EA	20' x 20' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	4,758.97	651.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0109	EA	50 x 67 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	1,662.50	122.25
11 52 13 13-0110	EA	60 x 80 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	1,772.99	162.99
11 52 13 13-0111	EA	69 x 92 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	1,822.74	183.37
11 52 13 13-0112	EA	87 x 116 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	2,098.39	228.19
11 52 13 13-0113	EA	105 x 140 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	2,288.49	285.24
11 52 13 13-0114	EA	123 x 164 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	2,850.48	366.74
11 52 13 13-0115	EA	141 x 188 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	3,089.48	448.24
11 52 13 13-0116	EA	12' x 24' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	5,249.46	611.23
11 52 13 13-0117	EA	45 x 80 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	1,777.99	162.99
11 52 13 13-0118	EA	52 x 92 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	1,837.74	183.37
11 52 13 13-0119	EA	54 x 96 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	1,891.19	195.60
11 52 13 13-0120	EA	58 x 104 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	1,932.79	211.89
11 52 13 13-0121	EA	65 x 116 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	2,050.39	228.19
11 52 13 13-0122	EA	78 x 139 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	2,250.49	285.24
11 52 13 13-0123	EA	92 x 164 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	2,823.48	366.74
11 52 13 13-0124	EA	106 x 188 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	3,288.48	448.24
11 52 13 13-0125	EA	119 x 212 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation.	3,976.47	529.74
11 52 13 13-0126		Electric Project Screen, Matte White Or Glass Beaded; Da-Lite Boardroom Electrol *(11 52 13 13-0001)* Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0127	EA	50" x 50" Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,425.22	91.69
11 52 13 13-0128	EA	60" x 60" Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,476.46	101.88
11 52 13 13-0129	EA	70" x 70" Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,540.37	122.25
11 52 13 13-0130	EA	84" x 84" Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,742.35	183.37
11 52 13 13-0131	EA	6' x 8' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,776.23	187.44
11 52 13 13-0132	EA	8' x 8' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,864.13	203.74
11 52 13 13-0133	EA	7' x 9' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,950.31	203.74
11 52 13 13-0134	EA	9' x 9' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,034.14	218.00
11 52 13 13-0135	EA	8' x 10' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,095.67	228.19
11 52 13 13-0136	EA	10' x 10' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,193.86	244.50
11 52 13 13-0137	EA	9' x 12' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,282.61	244.50
11 52 13 13-0138	EA	12' x 12' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,520.21	325.99
11 52 13 13-0139		Electric Ascending Project Screen, Matte White, Glass Beaded; Da-Lite Ascender Electrol *(11 52 13 13-0001)* Note: High contrast matte white, video spectrum or high power. Includes a motorized spring assisted scissors mechanism which raises the screen surface from the housing ensuring smooth operation. A trap door housing keeps the screen and lift mechanism hidden until the screen is activated.		
11 52 13 13-0140	EA	60 x 80 Electric Ascending Projection Screen Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	4,786.49	203.74
11 52 13 13-0141	EA	69 x 92 Electric Ascending Projection Screen Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	5,147.98	244.50
11 52 13 13-0142	EA	87 x 116 Electric Ascending Projection Screen Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	6,072.48	366.74
11 52 13 13-0143	EA	105 x 140 Electric Ascending Projection Screen Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	7,676.98	488.98
11 52 13 13-0144	EA	120 x 160 Electric Ascending Projection Screen Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	8,539.97	570.49
11 52 13 13-0145	EA	52 x 92 Electric Ascending Projection Screen Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	5,066.49	203.74
11 52 13 13-0146	EA	58 x 104 Electric Ascending Projection Screen Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	5,557.98	244.50
11 52 13 13-0147	EA	65 x 116 Electric Ascending Projection Screen Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	5,909.49	285.24
11 52 13 13-0148	EA	78 x 139 Electric Ascending Projection Screen Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	7,432.48	366.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0149		Electric Rear Projection Screen, Da-Lite DA-View *(11 52 13 13-0001)*		
		Note: Consists of a single acrylic layer with rear Fensel lens and lenticulated front profile. Un-framed.		
11 52 13 13-0150	EA	60" Diagonal Video Format Rigid Rear Projection Screen	2,376.14	203.74
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0151	EA	67" Diagonal Video Format Rigid Rear Projection Screen	2,964.04	224.12
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0152	EA	72" Diagonal Video Format Rigid Rear Projection Screen	3,387.78	244.50
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0153	EA	84" Diagonal Video Format Rigid Rear Projection Screen	6,000.15	264.87
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0154	EA	90" Diagonal Video Format Rigid Rear Projection Screen	6,642.76	6,357.51
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0155	EA	96" Diagonal Video Format Rigid Rear Projection Screen	7,380.83	325.99
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0156	EA	100" Diagonal Video Format Rigid Rear Projection Screen	9,432.07	366.74
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0157	EA	120" Diagonal Video Format Rigid Rear Projection Screen	12,687.04	407.49
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0158	EA	125" Diagonal Video Format Rigid Rear Projection Screen	14,191.13	448.24
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0159	EA	135" Diagonal Video Format Rigid Rear Projection Screen	18,923.41	488.98
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0160		Screen Accessories *(11 52 13 13-0001)*		
11 52 13 13-0161		Manual Pull Down Accessories *(11 52 13 13-0160)*		
11 52 13 13-0162	EA	6" Mounting Bracket (Pair)	30.22	6.11
11 52 13 13-0163	EA	14" Wall Mounting Bracket (Pair)	40.22	6.52
11 52 13 13-0164	EA	14-1/2" To 24" Adjustable Wall Mounting Bracket (Pair)	46.22	7.34
11 52 13 13-0165		Electric Powered Screen Accessories *(11 52 13 13-0160)*		
11 52 13 13-0166	EA	Single Motor Low Voltage Remote Control System - Infrared	259.36	
11 52 13 13-0167	EA	Single Motor Low Voltage Remote Control System - Radio Frequency	369.36	
11 52 13 13-0168		Relocate Existing Fixed Projection Screen *(11 52 13 13)*		
11 52 13 13-0169	EA	Relocate Electric Controlled Projection Screen, Including Storage And Cleaning	1,198.50	
11 52 13 16		**Portable Projection Screens** *(11 52 13)*		
11 52 13 16-0001		Motion Picture Screen And Case *(11 52 13 16)*		
11 52 13 16-0002	SF	Screen, Riser Projection With Anodized Aluminum Frame	18.59	2.93
11 52 16		**Projectors** *(11 52)*		
11 52 16 26		**Video Projectors** *(11 52 16)*		
11 52 16 26-0001		Projectors *(11 52 16 26)*		
11 52 16 26-0002	EA	2000 Lumens Output, 800 x 600 Pixels, SVGA Compact 3LCD Panels Projector	677.45	40.75
11 52 16 26-0003	EA	2000 Lumens Output, 1024 x 768 Pixels, XGA Compact 3LCD Panels Projector	781.74	40.75
11 52 16 26-0004	EA	2000 Lumens Output, 1280 x 800 Pixels, WXGA Compact 3LCD Panels Projector	1,027.57	40.75
11 52 16 26-0005	EA	3000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	1,608.63	40.75
11 52 16 26-0006	EA	3500 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	1,869.36	40.75
11 52 16 26-0007	EA	3000 Lumens Output, 1366 x 800 Pixels, WXGA 3LCD Panels Projector	2,368.47	40.75
11 52 16 26-0008	EA	4000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	3,754.05	40.75
11 52 16 26-0009	EA	5200 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	5,080.05	40.75
11 52 16 26-0010	EA	6000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	7,530.90	40.75
11 52 16 26-0011		Projector Mounts *(11 52 16 26)*		
11 52 16 26-0012		Universal Projector Mounts *(11 52 16 26-0011)*		
		Note: Includes ceiling or wall mounting hardware and hardware for attaching projector. Excludes projector.		
11 52 16 26-0013	EA	Flush Ceiling, Universal Projector Mount (Peerless PPF)	166.86	44.81
11 52 16 26-0014	EA	Wall Arm, Universal Projector Mount (Peerless PWA-14)	259.34	44.81
11 52 16 26-0015		Projector Mount Components *(11 52 16 26-0011)*		
		Note: Complete projector mount system will include ceiling attachment plate, threaded extension column and projector attachment plate. Excludes projector.		
11 52 16 26-0016		Ceiling Attachment Plates For Projector Mounts *(11 52 16 26-0015)*		
11 52 16 26-0017	EA	Finished Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 570)	62.72	20.36
11 52 16 26-0018	EA	Truss Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 557)	81.70	20.36
11 52 16 26-0019	EA	I-Beam Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 558/559)	109.80	20.36
11 52 16 26-0020	EA	Suspended Ceiling, Attachment Plate For Projector Mounts (Peerless CMJ 455)	137.80	20.36
11 52 16 26-0021		Projector Attachment Plates For Projector Mounts *(11 52 16 26-0015)*		
11 52 16 26-0022	EA	Universal Projector Attachment Plate For Projector Mounts (Peerless PRG-UNV)	192.90	20.36
11 52 16 26-0023	EA	High Security Projector Enclosure For Projector Mounts (Peerless ALB)	414.16	20.36

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 16 26-0024		Threaded Extension Columns For Projector Mounts *(11 52 16 26-0015)*		
11 52 16 26-0025		Fixed Length, Threaded Extension Column For Projector Mounts *(11 52 16 26-0024)*		
		Note: Peerless EXT series.		
11 52 16 26-0026	EA	6" Fixed Length, Threaded Extension Column For Projector Mounts	34.46	6.11
11 52 16 26-0027	EA	12" Fixed Length, Threaded Extension Column For Projector Mounts	43.83	6.11
11 52 16 26-0028	EA	18" Fixed Length, Threaded Extension Column For Projector Mounts	47.34	6.11
11 52 16 26-0029	EA	24" Fixed Length, Threaded Extension Column For Projector Mounts	49.68	6.11
11 52 16 26-0030	EA	36" Fixed Length, Threaded Extension Column For Projector Mounts	59.60	8.15
11 52 16 26-0031	EA	48" Fixed Length, Threaded Extension Column For Projector Mounts	71.31	8.15
11 52 16 26-0032	EA	60" Fixed Length, Threaded Extension Column For Projector Mounts	90.04	8.15
11 52 16 26-0033	EA	72" Fixed Length, Threaded Extension Column For Projector Mounts	102.92	8.15
11 52 16 26-0034	EA	84" Fixed Length, Threaded Extension Column For Projector Mounts	121.03	10.18
11 52 16 26-0035	EA	96" Fixed Length, Threaded Extension Column For Projector Mounts	137.42	10.18
11 52 16 26-0036	EA	108" Fixed Length, Threaded Extension Column For Projector Mounts	153.21	12.22
11 52 16 26-0037	EA	120" Fixed Length, Threaded Extension Column For Projector Mounts	160.23	12.22
11 52 16 26-0038		Adjustable Length, Threaded Extension Columns For Projector Mounts *(11 52 16 26-0024)*		
		Note: Peerless ADJ series. Adjustable at 1" increments.		
11 52 16 26-0039	EA	6" To 9" Adjustable Length, Threaded Extension Column For Projector Mounts	69.53	10.18
11 52 16 26-0040	EA	12" To 18" Adjustable Length, Threaded Extension Column For Projector Mounts	104.64	10.18
11 52 16 26-0041	EA	18" To 24" Adjustable Length, Threaded Extension Column For Projector Mounts	106.99	10.18
11 52 16 26-0042	EA	24" To 36" Adjustable Length, Threaded Extension Column For Projector Mounts	110.50	10.18
11 52 16 26-0043	EA	36" To 60" Adjustable Length, Threaded Extension Column For Projector Mounts	120.43	12.22
11 52 16 26-0044	EA	48" To 72" Adjustable Length, Threaded Extension Column For Projector Mounts	126.28	12.22
11 52 16 26-0045	EA	60" To 84" Adjustable Length, Threaded Extension Column For Projector Mounts	139.16	12.22
11 52 16 26-0046	EA	72" To 96" Adjustable Length, Threaded Extension Column For Projector Mounts	150.87	12.22
11 52 16 26-0047	EA	84" To 108" Adjustable Length, Threaded Extension Column For Projector Mounts	167.82	14.26
11 52 16 26-0048	EA	96" To 120" Adjustable Length, Threaded Extension Column For Projector Mounts	179.53	14.26
11 52 16 26-0049	EA	108" To 132" Adjustable Length, Threaded Extension Column For Projector Mounts	196.48	16.29
11 52 16 26-0050	EA	120" To 144" Adjustable Length, Threaded Extension Column For Projector Mounts	204.67	16.29
11 53		Laboratory Equipment *(11 50)*		
11 53 43		**Service Fittings And Accessories** *(11 53)*		
11 53 43 00-0001		Outlet And Valves *(11 53 43)*		
11 53 43 00-0002	EA	Medical Outlet Conversion Kit (Air, Oxygen, And Vacuum)	570.80	
11 53 43 00-0003		Test And Certify *(11 53 43)*		
11 53 43 00-0004	EA	Test And Certify Medical Gas Port	51.64	
11 60		Entertainment Equipment *(11)*		
11 61		Theater And Stage Equipment *(11 60)*		
11 61 23		**Folding And Portable Stages** *(11 61)*		
11 61 23 00-0001		Auditorium Seating *(11 61 23)*		
		See CSI section 12 61 00 00-0000 for seating.		
11 70		Healthcare Equipment *(11)*		
11 73		Patient Care Equipment *(11 70)*		
11 73 00 00-0001		Ceiling Patient Lift *(11 73)*		
11 73 00 00-0002	EA	Maxi Sky 600 Fixed 4 Function Ceiling Patient Lift Note: Maxi Sky 600 cassette with 600 pound weight capacity. Includes 2 point hanger bar, hardware (x-y 3 meter x 4.5 meter 8 anchors xy 4.5), powered raise and lower as well as powered traverse on track. Maxi sky supports clinically activated return to charge, programmable automatic return.	6,773.03	
11 73 00 00-0003		Ceiling Patient Lift System *(11 73)*		
		Note: Guldmann		
11 73 00 00-0004	EA	GH2 HD AC UL Ceiling Mounted Hoist, 550 LB Weight Capicity, With Hand Control	7,126.82	701.23
11 73 00 00-0005	EA	550 LB Weight Capicity Hanging Bar GH2 Standard Snap Hook	366.35	
11 73 00 00-0006	EA	550 LB Weight Capicity Traverse Traveling Trolley Room Covering System	474.71	97.39
11 73 00 00-0007	EA	GH2 HD Twin Strap Ceiling Mounted Hoist, 1000 LB Weight Capicity, With Hand Control	10,097.37	973.94
11 73 00 00-0008	EA	1000 LB Weight Capicity Hanging Bar	3,178.34	
11 73 00 00-0009	EA	1000 LB Weight Capicity Traverse Traveling Trolley Room Covering System	1,079.98	214.26
11 73 00 00-0010	LF	Aluminum Midi Rail	191.27	23.37
11 73 00 00-0011	EA	Wire For Charging Liner	72.69	
11 73 00 00-0012	LF	Charging Liner For Midi Rail	80.84	
11 73 00 00-0013	EA	End Stops	36.27	
11 73 00 00-0014	EA	Standard Ceiling Brackets	115.92	23.37
11 73 00 00-0015	EA	Charging Kit For Room-Covering System With Midi Rails	219.83	
11 73 00 00-0016	EA	Lock For Charging Liner	40.23	
11 73 00 00-0017	EA	Cover Plate For Midi Rail	3.94	
11 73 00 00-0018	EA	Rosette White	2.23	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 73 00 00-0019	EA	Aluminum Pipe 2M Profile	107.09	
11 73 00 00-0020	EA	Repositioning Sling Gold, 3 Slings Per System	164.71	
11 73 00 00-0021	EA	Uni D M/L High Black - 550 LB Capicity Sling, 2 Slings Per System	90.46	
11 73 00 00-0022	EA	Uni D L/XL High Black - 550 LB Capicity Sling, 2 Slings Per System	90.46	
11 73 00 00-0023	EA	Disposable Limb Lifter, 2 Slings Per System	42.99	
11 73 00 00-0024	EA	Disposable Turner Sling, 1 Sling Per System	106.21	

11 73 00 00-0025 Sharps Containers *(11 73)*

11 73 00 00-0026	EA	3 Quart Disposable Sharps Containers, Wall Mounted Note: The rotating cylinder top permits convenient, one-handed disposal of sharps. The rotating lid automatically drops needles and syringes in a horizontal position to maximize capacity. Lid remains closed when not in use. A built-in needle key permits the safe removal of needles when necessary.	140.35	
11 73 00 00-0027	EA	2 Gallon Disposable Sharps Containers, Wall Mounted Note: Provides open access for disposal of a variety of shapes and sizes of sharps, (i.e. needles and syringes, vials, test tubes, and glass slides). The lid features a needle key for the safe removal of needles.	179.59	
11 73 00 00-0028	EA	3 Gallon Disposable Sharps Containers, Wall Mounted Note: Has a dual-purpose lid, which allows the container to remain open for code situations or in a free-fall position for normal, one-handed operation. Lid features a needle key for safe removal of needles when necessary.	159.54	
11 73 00 00-0029	EA	One-Quart Disposable Phlebotomy Container, Wall Mounted Note: Has an opening to safely place the blood tube holder with needle while attending a patient Once full, the lids can be locked, & the container is ready for safe disposal One-quart capacity, is puncture resistant, fully disposable, may be autoclaved or incinerated for final disposal.	252.86	

11 80 Collection And Disposal Equipment *(11)*

11 82 Solid Waste Handling Equipment *(11 80)*

11 82 19 Packaged Incinerators *(11 82)*

11 82 19 00-0001 Electric Incinerator *(11 82 19)*

11 82 19 00-0002	EA	Electric Package Incinerator, 100 LB/Hour	20,105.40	801.60
11 82 19 00-0003	EA	Electric Package Incinerator, 400 LB/Hour	41,113.24	1,603.20
11 82 19 00-0004	EA	Electric Package Incinerator, 1000 LB/Hour	136,972.29	2,404.81

11 82 26 Facility Waste Compactors *(11 82)*

11 82 26 00-0001 110 Volt Compactors *(11 82 26)*

11 82 26 00-0002	EA	Waste Compactor, 110 V At 75 LB/Hour	10,714.67	306.38
11 82 26 00-0003	EA	Waste Compactor, 110 V At 250 LB/Hour	13,498.56	735.31

11 82 26 00-0004 230 Volt Compactors *(11 82 26)*

11 82 26 00-0005	EA	Waste Compactor, 230 V At 600 LB/Hour Hand Fed	13,501.31	980.42
11 82 26 00-0006	EA	Waste Compactor, 230 V At 600 LB/Hour Chute Fed	15,245.87	1,286.80

11 82 26 00-0007 Trash Compactors *(11 82 26)*

11 82 26 00-0008	EA	Trash Compactor, Small	2,606.03	218.56
11 82 26 00-0009	EA	Trash Compactor, Large	3,209.42	247.32

END OF SECTION 11

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

12 Furnishings

12 01 Operation And Maintenance Of Furnishings *(12)*

12 01 60 Operation And Maintenance Of Multiple Seating *(12 01)*

12 01 60 00-0001 Repair Fixed Auditorium Seating *(12 01 60)*

12 01 60 00-0002	EA	Replace Seat Part	103.97	
12 01 60 00-0003	EA	Replace Center Armrest Part	50.56	
12 01 60 00-0004	EA	Replace End Armrest Part	68.05	
12 01 60 00-0005	EA	Replace Kick Plate Part	73.65	
12 01 60 00-0006	EA	Replace Back Part	123.61	
12 01 60 00-0007	EA	Replace Standard Part	97.50	
12 01 60 00-0008	EA	Replace Back Bracket Part	44.89	
12 01 60 00-0009	EA	Replace Seat Bracket Part	46.08	
12 01 60 00-0010	EA	Secure Seat To Floor	42.42	
12 01 60 00-0011	EA	Remove And Reinstall Existing Seat To Floor Note: Includes drilling and fasteners.	52.67	
		For Epoxy Anchoring, Add	*23.32*	

12 20 Window Treatments *(12)*

12 21 Window Blinds *(12 20)*

12 21 13 Horizontal Louver Blinds *(12 21)*

Note: Includes headrail, brackets, cords and all hardware.

12 21 13 13 Metal Horizontal Louver Blinds *(12 21 13)*

12 21 13 13-0001 Aluminum Horizontal Louver Blinds *(12 21 13 13)*

12 21 13 13-0002	SF	1/2" x 0.006" Slats, Aluminum Horizontal Louver Blinds	8.30	0.71
12 21 13 13-0003	SF	1" x 0.006" Slats, Aluminum Horizontal Louver Blinds	6.81	0.71
12 21 13 13-0004	SF	1" x 0.008" Slats, Aluminum Horizontal Louver Blinds	7.38	0.71
12 21 13 13-0005	SF	2" x 0.008" Slats, Aluminum Horizontal Louver Blinds	8.53	0.71

12 21 13 33 Plastic Horizontal Louver Blinds *(12 21 13)*

12 21 13 33-0001 Vinyl Horizontal Louver Blinds *(12 21 13 33)*

12 21 13 33-0002	SF	1" Slats, Vinyl Horizontal Louver Blinds	7.04	0.71
12 21 13 33-0003	SF	2" Slats, Vinyl Horizontal Louver Blinds	8.12	0.71

12 21 16 Vertical Louver Blinds *(12 21)*

Note: Includes headrail, brackets, cords and all hardware.

12 21 16 13 Metal Vertical Louver Blinds *(12 21 16)*

12 21 16 13-0001 Aluminum Vertical Louver Blinds *(12 21 16 13)*

12 21 16 13-0002	SF	3-1/2" x 0.008" Slats, Aluminum Vertical Louver Blinds	9.73	1.50

12 21 16 33 Plastic Vertical Louver Blinds *(12 21 16)*

12 21 16 33-0001 Vinyl Vertical Louver Blinds *(12 21 16 33)*

12 21 16 33-0002	SF	2" Slats, Vinyl Vertical Louver Blinds	6.34	1.50
12 21 16 33-0003	SF	3-1/2" Slats, Vinyl Vertical Louver Blinds	8.81	1.50

12 22 Curtains And Drapes *(12 20)*

12 22 13 Draperies *(12 22)*

12 22 13 00-0001 Lined Draperies *(12 22 13)*

Note: Width dimensions are the panel width at top excluding returns and overlaps.

12 22 13 00-0002 Up To 48" Wide Lined Draperies *(12 22 13 00-0001)*

12 22 13 00-0003	EA	Up To 39" Long, Up To 48" Wide Lined Draperies	129.04	10.19
12 22 13 00-0004	EA	>39" To 63" Long, Up To 48" Wide Lined Draperies	133.93	10.19
12 22 13 00-0005	EA	>63" To 72" Long, Up To 48" Wide Lined Draperies	141.87	10.19
12 22 13 00-0006	EA	>72" To 81" Long, Up To 48" Wide Lined Draperies	144.92	10.19
12 22 13 00-0007	EA	>81" To 90" Long, Up To 48" Wide Lined Draperies	152.24	10.19
12 22 13 00-0008	EA	>90" To 99" Long, Up To 48" Wide Lined Draperies	162.01	10.19
12 22 13 00-0009	EA	>99" To 108" Long, Up To 48" Wide Lined Draperies	168.12	10.19
12 22 13 00-0010	EA	>108" To 120" Long, Up To 48" Wide Lined Draperies	176.66	10.19
12 22 13 00-0011	EA	>120" To 130" Long, Up To 48" Wide Lined Draperies	190.10	10.19

12 22 13 00-0012 >48" To 72" Wide Lined Draperies *(12 22 13 00-0001)*

12 22 13 00-0013	EA	Up To 39" Long, >48" To 72" Wide Lined Draperies	186.45	13.85
12 22 13 00-0014	EA	>39" To 63" Long, >48" To 72" Wide Lined Draperies	197.44	13.85
12 22 13 00-0015	EA	>63" To 72" Long, >48" To 72" Wide Lined Draperies	205.98	13.85
12 22 13 00-0016	EA	>72" To 81" Long, >48" To 72" Wide Lined Draperies	213.31	13.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0017	EA	>81" To 90" Long, >48" To 72" Wide Lined Draperies	230.41	13.85
12 22 13 00-0018	EA	>90" To 99" Long, >48" To 72" Wide Lined Draperies	238.95	13.85
12 22 13 00-0019	EA	>99" To 108" Long, >48" To 72" Wide Lined Draperies	246.28	13.85
12 22 13 00-0020	EA	>108" To 120" Long, >48" To 72" Wide Lined Draperies	262.15	13.85
12 22 13 00-0021	EA	>120" To 130" Long, >48" To 72" Wide Lined Draperies	279.25	13.85
12 22 13 00-0022		**>72" To 96" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0023	EA	Up To 39" Long, >72" To 96" Wide Lined Draperies	246.29	17.52
12 22 13 00-0024	EA	>39" To 63" Long, >72" To 96" Wide Lined Draperies	262.17	17.52
12 22 13 00-0025	EA	>63" To 72" Long, >72" To 96" Wide Lined Draperies	269.49	17.52
12 22 13 00-0026	EA	>72" To 81" Long, >72" To 96" Wide Lined Draperies	286.59	17.52
12 22 13 00-0027	EA	>81" To 90" Long, >72" To 96" Wide Lined Draperies	302.46	17.52
12 22 13 00-0028	EA	>90" To 99" Long, >72" To 96" Wide Lined Draperies	318.33	17.52
12 22 13 00-0029	EA	>99" To 108" Long, >72" To 96" Wide Lined Draperies	326.88	17.52
12 22 13 00-0030	EA	>108" To 120" Long, >72" To 96" Wide Lined Draperies	343.98	17.52
12 22 13 00-0031	EA	>120" To 130" Long, >72" To 96" Wide Lined Draperies	367.18	17.52
12 22 13 00-0032		**>96" To 120" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0033	EA	Up To 39" Long, >96" To 120" Wide Lined Draperies	309.79	21.19
12 22 13 00-0034	EA	>39" To 63" Long, >96" To 120" Wide Lined Draperies	325.66	21.19
12 22 13 00-0035	EA	>63" To 72" Long, >96" To 120" Wide Lined Draperies	334.21	21.19
12 22 13 00-0036	EA	>72" To 81" Long, >96" To 120" Wide Lined Draperies	358.63	21.19
12 22 13 00-0037	EA	>81" To 90" Long, >96" To 120" Wide Lined Draperies	374.51	21.19
12 22 13 00-0038	EA	>90" To 99" Long, >96" To 120" Wide Lined Draperies	391.60	21.19
12 22 13 00-0039	EA	>99" To 108" Long, >96" To 120" Wide Lined Draperies	402.72	21.19
12 22 13 00-0040	EA	>108" To 120" Long, >96" To 120" Wide Lined Draperies	433.12	21.19
12 22 13 00-0041	EA	>120" To 130" Long, >96" To 120" Wide Lined Draperies	445.33	21.19
12 22 13 00-0042		**>120" To 144" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0043	EA	Up To 39" Long, >120" To 144" Wide Lined Draperies	365.96	24.85
12 22 13 00-0044	EA	>39" To 63" Long, >120" To 144" Wide Lined Draperies	389.16	24.85
12 22 13 00-0045	EA	>63" To 72" Long, >120" To 144" Wide Lined Draperies	397.71	24.85
12 22 13 00-0046	EA	>72" To 81" Long, >120" To 144" Wide Lined Draperies	422.13	24.85
12 22 13 00-0047	EA	>81" To 90" Long, >120" To 144" Wide Lined Draperies	446.55	24.85
12 22 13 00-0048	EA	>90" To 99" Long, >120" To 144" Wide Lined Draperies	470.97	24.85
12 22 13 00-0049	EA	>99" To 108" Long, >120" To 144" Wide Lined Draperies	495.39	24.85
12 22 13 00-0050	EA	>108" To 120" Long, >120" To 144" Wide Lined Draperies	519.82	24.85
12 22 13 00-0051	EA	>120" To 130" Long, >120" To 144" Wide Lined Draperies	550.34	24.85
12 22 13 00-0052		**>144" To 168" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0053	EA	Up To 39" Long, >144" To 168" Wide Lined Draperies	429.47	28.53
12 22 13 00-0054	EA	>39" To 63" Long, >144" To 168" Wide Lined Draperies	453.89	28.53
12 22 13 00-0055	EA	>63" To 72" Long, >144" To 168" Wide Lined Draperies	472.21	28.53
12 22 13 00-0056	EA	>72" To 81" Long, >144" To 168" Wide Lined Draperies	496.63	28.53
12 22 13 00-0057	EA	>81" To 90" Long, >144" To 168" Wide Lined Draperies	521.05	28.53
12 22 13 00-0058	EA	>90" To 99" Long, >144" To 168" Wide Lined Draperies	551.58	28.53
12 22 13 00-0059	EA	>99" To 108" Long, >144" To 168" Wide Lined Draperies	576.00	28.53
12 22 13 00-0060	EA	>108" To 120" Long, >144" To 168" Wide Lined Draperies	600.42	28.53
12 22 13 00-0061	EA	>120" To 130" Long, >144" To 168" Wide Lined Draperies	643.16	28.53
12 22 13 00-0062		**>168" To 192" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0063	EA	Up To 39" Long, >168" To 192" Wide Lined Draperies	485.64	32.19
12 22 13 00-0064	EA	>39" To 63" Long, >168" To 192" Wide Lined Draperies	516.17	32.19
12 22 13 00-0065	EA	>63" To 72" Long, >168" To 192" Wide Lined Draperies	534.49	32.19
12 22 13 00-0066	EA	>72" To 81" Long, >168" To 192" Wide Lined Draperies	565.01	32.19
12 22 13 00-0067	EA	>81" To 90" Long, >168" To 192" Wide Lined Draperies	589.43	32.19
12 22 13 00-0068	EA	>90" To 99" Long, >168" To 192" Wide Lined Draperies	619.96	32.19
12 22 13 00-0069	EA	>99" To 108" Long, >168" To 192" Wide Lined Draperies	668.80	32.19
12 22 13 00-0070	EA	>108" To 120" Long, >168" To 192" Wide Lined Draperies	687.12	32.19
12 22 13 00-0071	EA	>120" To 130" Long, >168" To 192" Wide Lined Draperies	729.85	32.19
12 22 13 00-0072		**>192" To 216" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0073	EA	Up To 39" Long, >192" To 216" Wide Lined Draperies	547.93	35.85
12 22 13 00-0074	EA	>39" To 63" Long, >192" To 216" Wide Lined Draperies	572.35	35.85
12 22 13 00-0075	EA	>63" To 72" Long, >192" To 216" Wide Lined Draperies	596.77	35.85
12 22 13 00-0076	EA	>72" To 81" Long, >192" To 216" Wide Lined Draperies	633.40	35.85
12 22 13 00-0077	EA	>81" To 90" Long, >192" To 216" Wide Lined Draperies	670.04	35.85
12 22 13 00-0078	EA	>90" To 99" Long, >192" To 216" Wide Lined Draperies	706.67	35.85
12 22 13 00-0079	EA	>99" To 108" Long, >192" To 216" Wide Lined Draperies	737.19	35.85
12 22 13 00-0080	EA	>108" To 120" Long, >192" To 216" Wide Lined Draperies	767.72	35.85
12 22 13 00-0081	EA	>120" To 130" Long, >192" To 216" Wide Lined Draperies	822.67	35.85
12 22 13 00-0082		**>216" To 240" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0083	EA	Up To 39" Long, >216" To 240" Wide Lined Draperies	604.11	39.53
12 22 13 00-0084	EA	>39" To 63" Long, >216" To 240" Wide Lined Draperies	646.85	39.53
12 22 13 00-0085	EA	>63" To 72" Long, >216" To 240" Wide Lined Draperies	665.17	39.53
12 22 13 00-0086	EA	>72" To 81" Long, >216" To 240" Wide Lined Draperies	701.80	39.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0087	EA	>81" To 90" Long, >216" To 240" Wide Lined Draperies	744.53	39.53
12 22 13 00-0088	EA	>90" To 99" Long, >216" To 240" Wide Lined Draperies	781.17	39.53
12 22 13 00-0089	EA	>99" To 108" Long, >216" To 240" Wide Lined Draperies	817.80	39.53
12 22 13 00-0090	EA	>108" To 120" Long, >216" To 240" Wide Lined Draperies	854.43	39.53
12 22 13 00-0091	EA	>120" To 130" Long, >216" To 240" Wide Lined Draperies	915.48	39.53

12 22 16 Drapery Track And Accessories *(12 22)*

12 22 16 00-0001 Metal Wall Or Ceiling Mount Drapery Tracks *(12 22 16)*

12 22 16 00-0002 Basic Traverse Rod *(12 22 16 00-0001)*

12 22 16 00-0003	EA	Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	80.73	33.56
12 22 16 00-0004	EA	Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	87.90	33.56
12 22 16 00-0005	EA	Traverse Rod, 84' To 156" Extension Metal Wall Or Ceiling Mounted Track	101.49	37.30
12 22 16 00-0006	EA	Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	123.88	37.30
12 22 16 00-0007	EA	Traverse Rod, 165" To 312" Extension Metal Wall Or Ceiling Mounted Track	132.32	41.02

12 22 16 00-0008 Traverse Rod With Stationary Curtain Rod *(12 22 16 00-0001)*

12 22 16 00-0009	EA	Tray And Curtain Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	87.60	33.56
12 22 16 00-0010	EA	Tray And Curtain Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	92.24	33.56
12 22 16 00-0011	EA	Tray And Curtain Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	112.39	37.30
12 22 16 00-0012	EA	Tray And Curtain Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	127.99	41.02

12 22 16 00-0013 Double Traverse Rod *(12 22 16 00-0001)*

12 22 16 00-0014	EA	Double Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	99.41	33.56
12 22 16 00-0015	EA	Double Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	113.45	33.56
12 22 16 00-0016	EA	Double Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	136.96	37.30
12 22 16 00-0017	EA	Double Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	149.94	41.02

12 22 16 00-0018 Curtain Rods *(12 22 16 00-0001)*

12 22 16 00-0019	LF	Standard Metal Curtain Rod, White	5.07	1.47

12 22 16 00-0020 Relocate Drapery And Rod *(12 22 16 00-0001)*

12 22 16 00-0021	LF	Relocate Any Type Of Drapery And Any Type Rod Note: Includes storage and cleaning.	22.38	

12 24 Window Shades *(12 20)*

12 24 13 Roller Window Shades *(12 24)*

12 24 13 00-0001 Roller Window Shades *(12 24 13)*

12 24 13 00-0002 Vinyl Coated Fiberglass, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0003	SF	0% Openness, Blackout, Vinyl Coated Fiberglass, Roller Window Shades	10.49	0.49
12 24 13 00-0004	SF	1% To 10% Openness, Vinyl Coated Fiberglass, Roller Window Shades	10.49	0.49

12 24 13 00-0005 PVC Free, Acrylic Backed Polyester, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0006	SF	0% Openness, Blackout, PVC Free, Acrylic Backed Polyester, Roller Window Shades	13.42	0.49

12 24 13 00-0007 Vinyl Coated Polyester, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0008	SF	1% To 10% Openness, Vinyl Coated Polyester, Roller Window Shades	10.49	0.49

12 30 Casework *(12)*

12 31 Manufactured Metal Casework *(12 30)*

12 31 13 Manufactured Metal Panel Casework *(12 31)*

12 31 13 00-0001 Stainless Steel Cabinets *(12 31 13)*

12 31 13 00-0002 Stainless Steel Base Cabinets *(12 31 13 00-0001)*

12 31 13 00-0003 18" Stainless Steel Base Cabinet *(12 31 13 00-0002)*

12 31 13 00-0004	EA	18" Stainless Steel Base Cabinet, No Doors Or Drawers	1,480.24	178.36
		For >5 To 9, Deduct	*-58.98*	
		For >9, Deduct	*-117.96*	
12 31 13 00-0005	EA	18" Stainless Steel Base Cabinet, With 4 Drawers	2,434.44	178.36
		For >5 To 9, Deduct	*-109.08*	
		For >9, Deduct	*-218.15*	
12 31 13 00-0006	EA	18" Stainless Steel Base Cabinet, With 3 Drawers	2,254.39	178.36
		For >5 To 9, Deduct	*-99.62*	
		For >9, Deduct	*-199.24*	
12 31 13 00-0007	EA	18" Stainless Steel Base Cabinet, With 2 Drawers	2,074.34	178.36
		For >5 To 9, Deduct	*-90.17*	
		For >9, Deduct	*-180.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 13 00-0008	EA	18" Stainless Steel Base Cabinet, With Doors And Drawers	2,013.24	178.36
		For >5 To 9, Deduct	*-86.96*	
		For >9, Deduct	*-173.92*	

12 31 13 00-0009 24" Stainless Steel Base Cabinet *(12 31 13 00-0002)*

12 31 13 00-0010	EA	24" Stainless Steel Base Cabinet, With Doors And Locks	2,157.02	192.76
		For >5 To 9, Deduct	*-92.99*	
		For >9, Deduct	*-185.98*	
12 31 13 00-0011	EA	24" Stainless Steel Base Cabinet, With Door, No Locks	1,937.32	192.76
		For >5 To 9, Deduct	*-81.45*	
		For >9, Deduct	*-162.91*	
12 31 13 00-0012	EA	24" Stainless Steel Base Cabinet, With Two Doors, No Locks	1,985.42	192.76
		For >5 To 9, Deduct	*-83.98*	
		For >9, Deduct	*-167.96*	
12 31 13 00-0013	EA	24" Stainless Steel Base Cabinet, No Doors, 2 Drawers	2,209.02	192.76
		For >5 To 9, Deduct	*-95.72*	
		For >9, Deduct	*-191.44*	
12 31 13 00-0014	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	2,886.97	192.76
		For >5 To 9, Deduct	*-131.31*	
		For >9, Deduct	*-262.62*	
12 31 13 00-0015	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, With Locks	3,177.52	192.76
		For >5 To 9, Deduct	*-146.56*	
		For >9, Deduct	*-293.13*	

12 31 13 00-0016 30" Stainless Steel Base Cabinet *(12 31 13 00-0002)*

12 31 13 00-0017	EA	30" Stainless Steel Base Cabinet, No Doors, No Drawers	1,889.57	203.13
		For >5 To 9, Deduct	*-77.88*	
		For >9, Deduct	*-155.76*	
12 31 13 00-0018	EA	30" Stainless Steel Base Cabinet, With 4 Full Size Drawers	2,770.97	203.13
		For >5 To 9, Deduct	*-124.16*	
		For >9, Deduct	*-248.31*	
12 31 13 00-0019	EA	30" Stainless Steel Base Cabinet, With Doors, Drawers And Locks	3,581.52	203.13
		For >5 To 9, Deduct	*-166.71*	
		For >9, Deduct	*-333.42*	
12 31 13 00-0020	EA	30" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	3,290.97	203.13
		For >5 To 9, Deduct	*-151.46*	
		For >9, Deduct	*-302.91*	
12 31 13 00-0021	EA	30" Stainless Steel Base Cabinet, With Doors And One Full Size Drawer	3,110.92	203.13
		For >5 To 9, Deduct	*-142.00*	
		For >9, Deduct	*-284.01*	
12 31 13 00-0022	EA	30" Stainless Steel Base Cabinet, With Doors, No Locks	2,380.32	203.13
		For >5 To 9, Deduct	*-103.65*	
		For >9, Deduct	*-207.29*	
12 31 13 00-0023	EA	30" Stainless Steel Base Cabinet, With Doors And Locks	2,358.22	203.13
		For >5 To 9, Deduct	*-102.49*	
		For >9, Deduct	*-204.97*	

12 31 13 00-0024 36" Stainless Steel Base Cabinet *(12 31 13 00-0002)*

12 31 13 00-0025	EA	36" Stainless Steel Base Cabinet, No Doors, No Drawers	2,090.94	211.19
		For >5 To 9, Deduct	*-87.58*	
		For >9, Deduct	*-175.15*	
12 31 13 00-0026	EA	36" Stainless Steel Base Cabinet, With Doors And Locks	2,560.24	211.19
		For >5 To 9, Deduct	*-112.22*	
		For >9, Deduct	*-224.43*	
12 31 13 00-0027	EA	36" Stainless Steel Base Cabinet, With Door, No Lock	2,387.34	211.19
		For >5 To 9, Deduct	*-103.14*	
		For >9, Deduct	*-206.28*	
12 31 13 00-0028	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	3,780.94	211.19
		For >5 To 9, Deduct	*-176.30*	
		For >9, Deduct	*-352.60*	
12 31 13 00-0029	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers, No Locks	3,491.04	211.19
		For >5 To 9, Deduct	*-161.08*	
		For >9, Deduct	*-322.16*	

12 31 13 00-0030 42" Stainless Steel Base Cabinet *(12 31 13 00-0002)*

12 31 13 00-0031	EA	42" Stainless Steel Base Cabinet, No Doors, No Drawers	2,194.30	224.45
		For >5 To 9, Deduct	*-91.63*	
		For >9, Deduct	*-183.26*	
12 31 13 00-0032	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	3,987.65	224.45
		For >5 To 9, Deduct	*-185.78*	
		For >9, Deduct	*-371.56*	
12 31 13 00-0033	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	3,697.10	224.45
		For >5 To 9, Deduct	*-170.53*	
		For >9, Deduct	*-341.06*	
12 31 13 00-0034	EA	42" Stainless Steel Base Cabinet, No Doors, 2 Drawers	3,396.15	224.45
		For >5 To 9, Deduct	*-154.73*	
		For >9, Deduct	*-309.46*	
12 31 13 00-0035	EA	42" Stainless Steel Base Cabinet, With Doors, No Lock	2,594.70	224.45
		For >5 To 9, Deduct	*-112.65*	
		For >9, Deduct	*-225.30*	
12 31 13 00-0036	EA	42" Stainless Steel Base Cabinet, With Doors And Lock	2,765.00	224.45
		For >5 To 9, Deduct	*-121.59*	
		For >9, Deduct	*-243.19*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 13 00-0037		**48" Stainless Steel Base Cabinet** *(12 31 13 00-0002)*		
12 31 13 00-0038	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	4,183.73	229.64
		For >5 To 9, Deduct	*-195.55*	
		For >9, Deduct	*-391.10*	
12 31 13 00-0039	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	3,893.83	229.64
		For >5 To 9, Deduct	*-180.33*	
		For >9, Deduct	*-360.66*	
12 31 13 00-0040	EA	48" Stainless Steel Base Cabinet, No Doors, No Drawers	2,390.38	229.64
		For >5 To 9, Deduct	*-101.40*	
		For >9, Deduct	*-202.80*	
12 31 13 00-0041	EA	48" Stainless Steel Base Cabinet, No Doors, 2 Drawers	3,592.88	229.64
		For >5 To 9, Deduct	*-164.53*	
		For >9, Deduct	*-329.06*	
12 31 13 00-0042	EA	48" Stainless Steel Base Cabinet, With Doors, And Lock	2,963.03	229.64
		For >5 To 9, Deduct	*-131.46*	
		For >9, Deduct	*-262.93*	
12 31 13 00-0043	EA	48" Stainless Steel Base Cabinet, With Doors, No Locks	2,916.23	229.64
		For >5 To 9, Deduct	*-129.01*	
		For >9, Deduct	*-258.01*	
12 31 13 00-0044		**60" Stainless Steel Base Cabinet** *(12 31 13 00-0002)*		
12 31 13 00-0045	EA	24" Deep x 60" Wide Stainless Steel Sink Base Cabinet	2,882.94	236.63
		For >5 To 9, Deduct	*-126.52*	
		For >9, Deduct	*-253.04*	
12 31 13 00-0046		**Stainless Steel Wall Cabinets** *(12 31 13 00-0001)*		
12 31 13 00-0047		**12" Wide Stainless Steel Wall Cabinets** *(12 31 13 00-0046)*		
12 31 13 00-0048	EA	12"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,165.47	67.90
		For >5 To 9, Deduct	*-54.06*	
		For >9, Deduct	*-108.11*	
12 31 13 00-0049	EA	12"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,159.82	72.02
		For >5 To 9, Deduct	*-53.33*	
		For >9, Deduct	*-106.65*	
12 31 13 00-0050		**18" Wide Stainless Steel Wall Cabinets** *(12 31 13 00-0046)*		
12 31 13 00-0051	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,221.28	73.01
		For >5 To 9, Deduct	*-56.45*	
		For >9, Deduct	*-112.89*	
12 31 13 00-0052	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,150.43	73.01
		For >5 To 9, Deduct	*-52.73*	
		For >9, Deduct	*-105.45*	
12 31 13 00-0053	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,351.15	79.42
		For >5 To 9, Deduct	*-62.59*	
		For >9, Deduct	*-125.19*	
12 31 13 00-0054	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,307.60	79.42
		For >5 To 9, Deduct	*-60.31*	
		For >9, Deduct	*-120.61*	
12 31 13 00-0055		**24" Wide Stainless Steel Wall Cabinets** *(12 31 13 00-0046)*		
12 31 13 00-0056	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Door	1,008.65	80.82
		For >5 To 9, Deduct	*-44.47*	
		For >9, Deduct	*-88.94*	
12 31 13 00-0057	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,379.15	80.82
		For >5 To 9, Deduct	*-63.92*	
		For >9, Deduct	*-127.84*	
12 31 13 00-0058	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,308.95	80.82
		For >5 To 9, Deduct	*-60.24*	
		For >9, Deduct	*-120.47*	
12 31 13 00-0059	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,298.53	75.47
		For >5 To 9, Deduct	*-60.24*	
		For >9, Deduct	*-120.48*	
12 31 13 00-0060	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,223.78	75.47
		For >5 To 9, Deduct	*-56.32*	
		For >9, Deduct	*-112.63*	
12 31 13 00-0061	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Glass Door, No Lock	1,574.13	75.47
		For >5 To 9, Deduct	*-74.71*	
		For >9, Deduct	*-149.42*	
12 31 13 00-0062	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	923.48	75.47
		For >5 To 9, Deduct	*-40.55*	
		For >9, Deduct	*-81.10*	
12 31 13 00-0063	EA	24"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors	869.27	72.02
		For >5 To 9, Deduct	*-38.07*	
		For >9, Deduct	*-76.15*	
12 31 13 00-0064		**30" Wide Stainless Steel Wall Cabinets** *(12 31 13 00-0046)*		
12 31 13 00-0065	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,794.98	85.84
		For >5 To 9, Deduct	*-85.22*	
		For >9, Deduct	*-170.44*	
12 31 13 00-0066	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,624.68	85.84
		For >5 To 9, Deduct	*-76.28*	
		For >9, Deduct	*-152.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 13 00-0067	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,083.23	85.84
		For >5 To 9, Deduct	*-47.85*	
		For >9, Deduct	*-95.71*	
12 31 13 00-0068	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,708.25	79.01
		For >5 To 9, Deduct	*-81.38*	
		For >9, Deduct	*-162.77*	
12 31 13 00-0069	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Lock	1,537.95	79.01
		For >5 To 9, Deduct	*-72.44*	
		For >9, Deduct	*-144.89*	
12 31 13 00-0070	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	996.50	79.01
		For >5 To 9, Deduct	*-44.02*	
		For >9, Deduct	*-88.03*	
12 31 13 00-0071	EA	30"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors	942.06	75.31
		For >5 To 9, Deduct	*-41.55*	
		For >9, Deduct	*-83.11*	

12 31 13 00-0072 36" Wide Stainless Steel Wall Cabinets *(12 31 13 00-0046)*

12 31 13 00-0073	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,866.98	88.32
		For >5 To 9, Deduct	*-88.74*	
		For >9, Deduct	*-177.49*	
12 31 13 00-0074	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,692.78	88.32
		For >5 To 9, Deduct	*-79.60*	
		For >9, Deduct	*-159.20*	
12 31 13 00-0075	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,155.23	88.32
		For >5 To 9, Deduct	*-51.38*	
		For >9, Deduct	*-102.75*	
12 31 13 00-0076	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,779.55	80.82
		For >5 To 9, Deduct	*-84.94*	
		For >9, Deduct	*-169.88*	
12 31 13 00-0077	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,609.90	80.82
		For >5 To 9, Deduct	*-76.04*	
		For >9, Deduct	*-152.07*	
12 31 13 00-0078	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,067.80	80.82
		For >5 To 9, Deduct	*-47.58*	
		For >9, Deduct	*-95.15*	
12 31 13 00-0079	EA	36"W x 12"D x 18"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,014.59	76.96
		For >5 To 9, Deduct	*-45.18*	
		For >9, Deduct	*-90.37*	

12 31 13 00-0080 42" Wide Stainless Steel Wall Cabinets *(12 31 13 00-0046)*

12 31 13 00-0081	EA	42"W x 12"D x 42"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,950.69	111.12
		For >5 To 9, Deduct	*-90.75*	
		For >9, Deduct	*-181.51*	
12 31 13 00-0082	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,956.21	104.86
		For >5 To 9, Deduct	*-91.70*	
		For >9, Deduct	*-183.39*	
12 31 13 00-0083	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,783.31	104.86
		For >5 To 9, Deduct	*-82.62*	
		For >9, Deduct	*-165.24*	
12 31 13 00-0084	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,243.16	104.86
		For >5 To 9, Deduct	*-54.26*	
		For >9, Deduct	*-108.52*	
12 31 13 00-0085	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,847.87	88.07
		For >5 To 9, Deduct	*-87.77*	
		For >9, Deduct	*-175.53*	
12 31 13 00-0086	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,676.27	88.07
		For >5 To 9, Deduct	*-78.76*	
		For >9, Deduct	*-157.52*	
12 31 13 00-0087	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,136.12	88.07
		For >5 To 9, Deduct	*-50.40*	
		For >9, Deduct	*-100.80*	

12 31 13 00-0088 48" Wide Stainless Steel Wall Cabinets *(12 31 13 00-0046)*

12 31 13 00-0089	EA	48"W x 12"D x 42"H Stainless Steel Wall Cabinet, No Doors, No Locks	1,711.77	111.12
		For >5 To 9, Deduct	*-77.98*	
		For >9, Deduct	*-155.95*	
12 31 13 00-0090	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,026.81	107.16
		For >5 To 9, Deduct	*-95.15*	
		For >9, Deduct	*-190.31*	
12 31 13 00-0091	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,856.51	107.16
		For >5 To 9, Deduct	*-86.21*	
		For >9, Deduct	*-172.43*	
12 31 13 00-0092	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,315.06	107.16
		For >5 To 9, Deduct	*-57.79*	
		For >9, Deduct	*-115.58*	
12 31 13 00-0093	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,918.32	88.89
		For >5 To 9, Deduct	*-91.37*	
		For >9, Deduct	*-182.74*	
12 31 13 00-0094	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,748.67	88.89
		For >5 To 9, Deduct	*-82.47*	
		For >9, Deduct	*-164.93*	
12 31 13 00-0095	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,206.57	88.89
		For >5 To 9, Deduct	*-54.01*	
		For >9, Deduct	*-108.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 13 00-0096		Accessories *(12 31 13 00-0001)*		
12 31 13 00-0097		Stainless Steel Countertops *(12 31 13 00-0096)* Note: 16 gauge countertops without sinks.		
12 31 13 00-0098	SF	Stainless Steel Countertop With Marine Edge and Splash Note: 16 gauge.	102.67	4.52
12 31 13 00-0099	SF	Stainless Steel Countertop Without Marine Edge and With Splash Note: 16 gauge.	95.52	4.52
12 31 13 00-0100	SF	Stainless Steel Countertop Without Marine Edge or Splash Note: 16 gauge.	89.02	4.52
12 31 13 00-0101		Stainless Steel Wall Panels *(12 31 13 00-0096)*		
12 31 13 00-0102	SF	Stainless Steel Wall Panel, 20 Gauge	28.14	6.75
12 31 13 00-0103		Pedestal Legs *(12 31 13 00-0096)*		
12 31 13 00-0104	EA	Type #304 Stainless Steel Pedestal Leg	255.46	10.29
12 31 13 00-0105		Stainless Steel Slanted Cabinet Top Enclosure *(12 31 13 00-0096)*		
12 31 13 00-0106	EA	Stainless Steel Slanted Cabinet Top Enclosure, 5' Sections	278.83	20.37

12 35 Specialty Casework *(12 30)*

12 35 70 Healthcare Casework *(12 35)*

12 35 70 13 Hospital Casework *(12 35 70)*

12 35 70 13-0001		Modular Casework *(12 35 70 13)* Note: Midmark.		
12 35 70 13-0002	EA	36" High Base Sink Unit, 2 Doors; Midmark MC-SBS005-243624	468.44	67.93
12 35 70 13-0003	EA	36" High Base Sink Unit, 2 Doors; Midmark MC-SBS005-363624	581.28	84.91
12 35 70 13-0004	EA	36" High Base Sink Unit, 2 Doors With Tap Master Valve; Midmark MC-SBS009-243624	796.73	67.93
12 35 70 13-0005	EA	36" High Base Sink Unit, 2 Doors With Tap Master Valve; Midmark MC-SBS009-363624	917.45	84.91
12 35 70 13-0006	EA	36" High Base Storage Unit, 1 Door; Midmark MC-SBP006-243624	526.88	67.93
12 35 70 13-0007	EA	36" High Base Storage Unit, 2 Doors; Midmark MC-SBP007-363624	706.03	84.91
12 35 70 13-0008	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door; Midmark MC-SBP012-153624	528.85	67.93
12 35 70 13-0009	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door; Midmark MC-SBP012-183624	567.59	67.93
12 35 70 13-0010	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door; Midmark MC-SBP012-213624	601.07	67.93
12 35 70 13-0011	EA	36" High Base Storage Unit, 1 4" Drawer, 2 Doors; Midmark MC-SBP013-303624	751.34	84.91
12 35 70 13-0012	EA	36" High Base Storage Unit, 1 4" Drawer, 2 Doors; Midmark MC-SBP013-363624	762.50	84.91
12 35 70 13-0013	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors; Midmark MC-SBP020-243624	701.53	67.93
12 35 70 13-0014	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors; Midmark MC-SBP020-303624	817.00	84.91
12 35 70 13-0015	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors; Midmark MC-SBP020-363624	841.29	84.91
12 35 70 13-0016	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers; Midmark MC-SBP024-123624	616.83	67.93
12 35 70 13-0017	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers; Midmark MC-SBP024-153624	633.90	67.93
12 35 70 13-0018	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers; Midmark MC-SBP024-183624	677.89	67.93
12 35 70 13-0019	EA	36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers; Midmark MC-SBP025-303624	1,119.68	84.91
12 35 70 13-0020	EA	36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers; Midmark MC-SBP025-363624	1,181.40	84.91
12 35 70 13-0021	EA	36" High Base Storage Unit, 5 4" Drawer; Midmark MC-SBP032-153624	788.85	67.93
12 35 70 13-0022	EA	36" High Base Storage Unit, 5 4" Drawer; Midmark MC-SBP032-183624	834.16	67.93
12 35 70 13-0023	EA	36" High Base Storage Unit, 5 4" Drawer; Midmark MC-SBP032-213624	912.29	67.93
12 35 70 13-0024	EA	84" High Tall Storage Unit, 2 Doors; Midmark MC-STP032-368424	1,627.26	203.79
12 35 70 13-0025	EA	84" High Tall Storage Unit, Open Upper With Pull Out Shelf, 1 4" Drawer, 2 Doors; Midmark MC-STP081-248424	1,500.54	203.79
12 35 70 13-0026	EA	Desk Filler Panel; Midmark MC-SDA003-060501	64.25	16.98
12 35 70 13-0027	EA	30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-123014	347.63	67.93
12 35 70 13-0028	EA	30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-153014	341.72	67.93
12 35 70 13-0029	EA	30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-183014	362.73	67.93
12 35 70 13-0030	EA	30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-213014	390.97	67.93
12 35 70 13-0031	EA	30" High Overhead Unit, 2 Doors; Midmark MC-SOHO42-243014	423.14	67.93
12 35 70 13-0032	EA	30" High Overhead Unit, 2 Doors; Midmark MC-SOHO42-303014	486.74	84.91
12 35 70 13-0033	EA	30" High Overhead Unit, 2 Doors; Midmark MC-SOHO42-363014	525.48	84.91
12 35 70 13-0034	EA	30" High Overhead Unit, 2 Window Doors; Midmark MC-SOHO44-303014	638.41	84.91
12 35 70 13-0035	EA	30" High Overhead Unit, 2 Window Doors; Midmark MC-SOHO44-363014	706.69	84.91
12 35 70 13-0036	LF	19" Self Edge Laminate Countertop With Backsplash	87.73	12.22
12 35 70 13-0037	LF	25" Self Edge Laminate Countertop With Backsplash	169.49	16.29

12 35 70 19 Exam Room Casework *(12 35 70)*

12 35 70 19-0001		Medical Exam Room Cabinetwork *(12 35 70 19)*		
12 35 70 19-0002		Medical Exam Room Wall Cabinets *(12 35 70 19-0001)*		
12 35 70 19-0003		Medical Exam Room Wall Cabinets (Clinton Industries®) *(12 35 70 19-0002)* Note: Include all laminate construction, chip resistant PVC edges, hinges, one shelf behind doors, mounting hardware, door pulls and flush-face doors.		
12 35 70 19-0004	EA	24" Width, 12" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8212)	269.29	25.26
		For Additional Shelf, Add	*22.74*	
		For Lock And Inside Latch Combo For Double Doors, Add	*52.99*	
12 35 70 19-0005	EA	24" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8224)	292.04	25.26
		For Additional Shelf, Add	*22.74*	
		For Lock And Inside Latch Combo For Double Doors, Add	*52.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 35 70 19-0006	EA	36" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8236)	469.98	32.99
		For Additional Shelf, Add	*22.74*	
		For Lock And Inside Latch Combo For Double Doors, Add	*53.30*	
12 35 70 19-0007	EA	42" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8242)	511.14	34.62
		For Additional Shelf, Add	*22.74*	
		For Lock And Inside Latch Combo For Double Doors, Add	*53.37*	
12 35 70 19-0008	EA	48" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8248)	563.69	37.07
		For Additional Shelf, Add	*22.74*	
		For Lock And Inside Latch Combo For Double Doors, Add	*53.46*	
12 35 70 19-0009	EA	54" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8254)	635.73	39.51
		For Additional Shelf, Add	*22.74*	
		For Lock For Single Door/Drawer, Add	*36.23*	
		For Lock And Inside Latch Combo For Double Doors, Add	*53.56*	
12 35 70 19-0010	EA	66" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8266)	730.23	42.36
		For Additional Shelf, Add	*22.74*	
		For Lock For Single Door/Drawer, Add	*36.34*	
		For Lock And Inside Latch Combo For Double Doors, Add	*53.67*	
12 35 70 19-0011	EA	72" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8272)	773.03	44.81
		For Additional Shelf, Add	*22.74*	
		For Lock For Single Door/Drawer, Add	*36.44*	
		For Lock And Inside Latch Combo For Double Doors, Add	*53.77*	

12 35 70 19-0012 Medical Exam Room Base Cabinets *(12 35 70 19-0001)*

12 35 70 19-0013 Medical Exam Room Base Cabinets (Ritter®) *(12 35 70 19-0012)*

Note: Include polymer covered drawers and door fronts, hinges, mounting hardware, door pulls, flush-face doors, Pebble Grey Kydex top.

12 35 70 19-0014	EA	24" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet (Ritter® 2060)	888.22	62.32
		For Lock For Single Door/Drawer, Add	*37.14*	
		For Soft Edge Top, Add	*265.35*	
12 35 70 19-0015	EA	24" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Ritter® 2061-001)	917.46	62.32
		For Lock For Single Door/Drawer, Add	*37.14*	
		For Soft Edge Top, Add	*265.35*	
12 35 70 19-0016	EA	24" Width, 36" Height, 18" Depth, 5 Drawers, Medical Exam Room Base Cabinet (Ritter® 2062-001)	1,025.77	62.32
		For Lock For Single Door/Drawer, Add	*37.14*	
		For Soft Edge Top, Add	*265.35*	
12 35 70 19-0017	EA	24" Width, 36" Height, 24" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Ritter® 2061-002)	1,034.43	62.32
		For Lock For Single Door/Drawer, Add	*37.14*	
		For Soft Edge Top, Add	*265.35*	
12 35 70 19-0018	EA	24" Width, 36" Height, 24" Depth, 5 Drawers, Medical Exam Room Base Cabinet (Ritter® 2062-002)	1,164.40	62.32
		For Lock For Single Door/Drawer, Add	*37.14*	
		For Soft Edge Top, Add	*265.35*	

12 35 70 19-0019 Medical Exam Room Base Cabinets (Clinton Industries®) *(12 35 70 19-0012)*

Note: Include all laminate construction, chip resistant PVC edges, hinges, one shelf behind doors, mounting hardware, door pulls, flush-face doors and countertop.

12 35 70 19-0020	EA	24" Width, 35" Height, 18" Depth, 2 Doors, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 76)	501.51	101.84
		Note: Includes stainless steel sink and faucet.		
		For Additional Shelf, Add	*22.74*	
		For Lock For Single Door/Drawer, Add	*38.71*	
		For Lock And Inside Latch Combo For Double Doors, Add	*56.04*	
12 35 70 19-0021	EA	24" Width, 35" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet (Clinton Industries® 8024)	633.70	62.32
		For Additional Shelf, Add	*22.74*	
		For Lock For Single Door/Drawer, Add	*37.14*	
		For Lock And Inside Latch Combo For Double Doors, Add	*54.47*	
12 35 70 19-0022	EA	36" Width, 35" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8036)	903.69	70.06
		For Additional Shelf, Add	*22.74*	
		For Lock For Single Door/Drawer, Add	*37.45*	
		For Lock And Inside Latch Combo For Double Doors, Add	*54.78*	
12 35 70 19-0023	EA	42" Width, 35" Height, 18" Depth, 3 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8042)	977.92	75.77
		For Additional Shelf, Add	*22.74*	
		For Lock For Single Door/Drawer, Add	*37.67*	
		For Lock And Inside Latch Combo For Double Doors, Add	*55.00*	
12 35 70 19-0024	EA	48" Width, 35" Height, 18" Depth, 4 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8048)	1,068.95	85.54
		For Additional Shelf, Add	*22.74*	
		For Lock For Single Door/Drawer, Add	*38.06*	
		For Lock And Inside Latch Combo For Double Doors, Add	*55.39*	
12 35 70 19-0025	EA	54" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8054)	1,280.46	91.65
		For Additional Shelf, Add	*22.74*	
		For Lock For Single Door/Drawer, Add	*38.30*	
		For Lock And Inside Latch Combo For Double Doors, Add	*55.63*	
12 35 70 19-0026	EA	66" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8066)	1,412.90	97.76
		For Additional Shelf, Add	*22.74*	
		For Lock For Single Door/Drawer, Add	*38.55*	
		For Lock And Inside Latch Combo For Double Doors, Add	*55.88*	
12 35 70 19-0027	EA	66" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 8042-99)	1,526.33	142.57
		Note: Includes stainless steel sink and faucet.		
		For Additional Shelf, Add	*22.74*	
		For Lock For Single Door/Drawer, Add	*40.33*	
		For Lock And Inside Latch Combo For Double Doors, Add	*57.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 35 70 19-0028	EA	72" Width, 35" Height, 18" Depth, 6 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8072)	1,506.35	103.87
		For Additional Shelf, Add	*22.74*	
		For Lock For Single Door/Drawer, Add	*38.79*	
		For Lock And Inside Latch Combo For Double Doors, Add	*56.12*	
12 35 70 19-0029	EA	72" Width, 35" Height, 18" Depth, 2 Doors And 6 Drawers, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 8048-99)	1,741.91	150.72
		Note: Includes stainless steel sink and faucet.		
		For Additional Shelf, Add	*22.74*	
		For Lock For Single Door/Drawer, Add	*40.65*	
		For Lock And Inside Latch Combo For Double Doors, Add	*57.98*	

12 35 70 19-0030 Medical Exam Room Cabinet Combinations *(12 35 70 19-0001)*

12 35 70 19-0031 Medical Exam Room Cabinet Combinations (Ritter®) *(12 35 70 19-0030)*

Note: Includes base cabinet and overhead cabinet, powder coated steel shell, polymer covered drawers and door fronts, hinges, mounting hardware, door pulls, flush-face doors and laminate countertop.

12 35 70 19-0032	EA	48" Width, 36" Height, 18" Depth, 1 Door And 1 Drawer, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic)	1,453.11	122.20
		For Locks On Single Drawer And All Doors, Add	*346.29*	
12 35 70 19-0033	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic)	1,495.35	122.20
		For Locks On Single Drawer And All Doors, Add	*346.29*	
12 35 70 19-0034	EA	48" Width, 36" Height, 18" Depth, 1 Door And 1 Drawer, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic)	1,820.46	154.78
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*348.23*	
12 35 70 19-0035	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic)	1,881.11	154.78
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*348.23*	
12 35 70 19-0036	EA	48" Width, 36" Height, 18" Depth, 1 Door And 2 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic Value)	1,668.64	122.20
		For Locks On Single Drawer And All Doors, Add	*346.29*	
12 35 70 19-0037	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic Value)	1,711.97	122.20
		For Locks On Single Drawer And All Doors, Add	*346.29*	
12 35 70 19-0038	EA	48" Width, 36" Height, 18" Depth, 1 Door And 2 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic Value)	2,164.88	154.78
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*348.23*	
12 35 70 19-0039	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic Value)	2,206.03	154.78
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*348.23*	
12 35 70 19-0040	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Managed Care)	1,883.09	122.20
		For Locks On Single Drawer And All Doors, Add	*346.29*	
12 35 70 19-0041	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Managed Care)	1,928.58	122.20
		For Locks On Single Drawer And All Doors, Add	*346.29*	
12 35 70 19-0042	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Managed Care)	2,380.41	154.78
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*348.23*	
12 35 70 19-0043	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Managed Care)	2,424.82	154.78
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*348.23*	
12 35 70 19-0044	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Desk And Overhead Cabinet (Ritter® Traditional)	2,132.29	138.49
		For Locks On Single Drawer And All Doors, Add	*347.26*	
12 35 70 19-0045	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Desk And Overhead Cabinet (Ritter® Traditional)	2,173.44	138.49
		For Locks On Single Drawer And All Doors, Add	*347.26*	
12 35 70 19-0046	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Sink, Desk And Overhead Cabinet (Ritter® Traditional)	2,628.53	171.08
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*349.20*	
12 35 70 19-0047	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Sink, Desk And Overhead Cabinet (Ritter® Traditional)	2,677.27	171.08
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*349.20*	

12 36 Countertops *(12 30)*

12 36 23 Plastic Countertops *(12 36)*

12 36 23 13 Plastic-Laminate-Clad Countertops *(12 36 23)*

12 36 23 13-0001 Plastic Laminate Countertops *(12 36 23 13)*

12 36 23 13-0002	EA	Field Cutout For Sinks And Lavatories	67.89	
12 36 23 13-0003	SF	Plastic Laminate Counter Top	15.28	4.07
		For Square Edge Instead Of Rolled Drip Edge, Add	*2.85*	
		For Plywood Base Instead Of Particle Board, Add	*1.07*	
12 36 23 13-0004	LF	Plastic Laminate Counter Top With Backsplash, Up To 26" Deep	33.46	8.15
		For Square Edge Instead Of Rolled Drip Edge, Add	*5.89*	
		For Plywood Base Instead Of Particle Board, Add	*2.21*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 36 23 13-0005	LF	Plastic Laminated Counter Top Custom Made With Backsplash Note: Up to 26" deep.	41.88	12.22
		For Square Edge Instead Of Rolled Drip Edge, Add	*5.89*	
		For Plywood Base Instead Of Particle Board, Add	*2.21*	
12 36 23 13-0006	LF	Plastic Laminated Backsplash	7.70	4.89
		For Plywood Base Instead Of Particle Board, Add	*0.20*	
12 36 23 13-0007	EA	For End Splash	29.83	4.89
		For Plywood Base Instead Of Particle Board, Add	*3.01*	

12 36 61 Simulated Stone Countertops *(12 36)*

12 36 61 16 Solid Surfacing Countertops *(12 36 61)*

12 36 61 16-0001 Solid Polyester Countertops *(12 36 61 16)*

12 36 61 16-0002 Solid Polyester Countertop And Backsplash *(12 36 61 16-0001)*
Note: May be used for wall applications.

12 36 61 16-0003	SF	1/4" Solid Polyester (Corian) Backsplash Note: Quantity based on area of backsplash. Excludes backing material such as cement or water resistant gypsum board.	20.95	5.43
		For Solid Color Material (White Or Off White), Deduct	*-3.56*	
12 36 61 16-0004	SF	1/2" Solid Polyester (Corian) Countertop Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used).	41.91	8.15
		For Solid Color Material (White Or Off White), Deduct	*-7.11*	
		For Each LF Of Half Round Edge, Add	*8.00*	
		For Each LF Of Ogee Or Full Round Edge, Add	*12.00*	
		For Each LF Of Machining A Cove At Backsplash, Add	*10.00*	
		For Each Sink, Range Or Vanity Cutout, Add	*15.00*	
		For Up To 1.5 SF Integral Single Basin Sink, Add *Note: Single or double bowl.*	*450.76*	
		For >1.5 To 2.5 SF Integral Single Basin Sink, Add *Note: Single or double bowl.*	*507.10*	
		For >2.5 To 3 SF Integral Single Basin Sink, Add *Note: Single or double bowl.*	*563.45*	
		For >3 SF Integral Single Basin Sink, Add *Note: Single or double bowl.*	*704.31*	
		For Integral Double Basin Sink, Add	*845.18*	

12 40 Furnishings And Accessories *(12)*

12 41 Office Accessories *(12 40)*

12 41 00 00-0001 Wall Mounted Office Accessories *(12 41)*

12 41 00 00-0002	EA	Manual Pencil Sharpener, Wall Mounted	11.39	2.72
12 41 00 00-0003	EA	Wall Mounted Flag	10.20	2.72

12 48 Rugs And Mats *(12 40)*

12 48 13 Entrance Floor Mats And Frames *(12 48)*

12 48 13 13 Entrance Floor Mats *(12 48 13)*

12 48 13 13-0001 Floor Mats *(12 48 13 13)*

12 48 13 13-0002	SF	3/8" Thick Solid Recessable Floor Mat	12.17	1.87
		For Colors, Add	*1.69*	
12 48 13 13-0003	SF	1/2" Thick Solid Recessable Floor Mat	14.77	1.87
		For Colors, Add	*2.21*	
12 48 13 13-0004	SF	3/8" Thick Perforated Recessable Floor Mat	12.82	1.87
		For Colors, Add	*1.82*	
12 48 13 13-0005	SF	1/2" Thick Perforated Recessable Floor Mat	15.42	1.87
		For Colors, Add	*2.34*	

12 48 13 13-0006 Link Mats *(12 48 13 13)*
Note: Includes nosing.

12 48 13 13-0007	SF	3/8" Link Mats, Aluminum	14.87	1.87
12 48 13 13-0008	SF	Black Rubber Link Mats With Galvanized Tie Rods	12.67	1.87
12 48 13 13-0009	SF	3/8" Thick, Galvanized Steel Link Mats	12.78	1.87
12 48 13 13-0010	SF	Vinyl Link Mats, Color	13.63	1.87
12 48 13 13-0011	LF	Rubber Nosing	3.94	0.82

12 48 13 13-0012 Duckboard *(12 48 13 13)*

12 48 13 13-0013	SF	Aluminum Slats	20.77	2.12
12 48 13 13-0014	SF	Hardwood Strips On Rubber Base	12.86	2.12
12 48 13 13-0015	SF	Assembled With Brass Rods And Vinyl Spacers	14.13	2.12
12 48 13 13-0016	SF	Tire Fabric, 3/4" Thick	11.88	2.12
12 48 13 13-0017	SF	Vinyl, 36" Wide, Hollow Top And Bottom	6.87	2.12
12 48 13 13-0018	SF	Vinyl, 36" Wide, Solid Top And Bottom	8.96	2.12

12 48 13 16 Entrance Floor Mat Frames *(12 48 13)*

12 48 13 16-0001 Recessed Frames *(12 48 13 16)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 48 13 16-0002	LF	Aluminum Recessed Frame	11.77	3.26
12 48 13 16-0003	LF	Bronze Recessed Frame	15.70	3.26

12 50 Furniture *(12)*

12 56 Institutional Furniture *(12 50)*

12 56 53 Laboratory Furniture *(12 56)*

12 56 53 00-0001 Steel Laboratory Furniture *(12 56 53)*

12 56 53 00-0002 Modular Steel Laboratory Cabinets *(12 56 53 00-0001)*

12 56 53 00-0003 29-3/8" High x 21-5/8" Deep, Modular Steel Laboratory Base Cabinets *(12 56 53 00-0002)*

12 56 53 00-0004	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	416.26	70.41
12 56 53 00-0005	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	415.58	70.41
12 56 53 00-0006	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	454.27	76.85
12 56 53 00-0007	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	435.90	76.85
12 56 53 00-0008	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	512.88	86.72
12 56 53 00-0009	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	529.32	89.56
12 56 53 00-0010	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	583.79	98.78
12 56 53 00-0011	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	606.42	102.61
12 56 53 00-0012	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	588.93	99.59
12 56 53 00-0013	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	591.00	99.99
12 56 53 00-0014	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	624.92	105.70
12 56 53 00-0015	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	611.53	103.43
12 56 53 00-0016	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	817.16	138.22
12 56 53 00-0017	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	832.33	140.83
12 56 53 00-0018	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	918.86	155.42
12 56 53 00-0019	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	933.44	157.86
12 56 53 00-0020	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet	855.28	144.65
12 56 53 00-0021	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet	951.67	161.04
12 56 53 00-0022	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet	928.55	161.04
12 56 53 00-0023	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	863.89	145.88
12 56 53 00-0024	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	857.77	145.88
12 56 53 00-0025	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	925.04	156.47
12 56 53 00-0026	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	919.65	156.23
12 56 53 00-0027	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	1,004.75	169.84
12 56 53 00-0028	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	1,034.97	175.05
12 56 53 00-0029	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	1,132.48	191.52
12 56 53 00-0030	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	1,159.01	196.08
12 56 53 00-0031	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	967.20	163.57
12 56 53 00-0032	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	909.64	153.86
12 56 53 00-0033	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	1,027.82	173.84
12 56 53 00-0034	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	977.45	165.36
12 56 53 00-0035	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	1,096.82	185.49
12 56 53 00-0036	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	1,096.82	185.49
12 56 53 00-0037	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	1,200.25	203.02
12 56 53 00-0038	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	1,157.35	195.76
12 56 53 00-0039	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	1,344.40	227.38
12 56 53 00-0040	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	1,348.48	227.46
12 56 53 00-0041	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	1,465.72	247.92
12 56 53 00-0042	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	1,480.11	250.37
12 56 53 00-0043	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	1,645.57	278.32
12 56 53 00-0044	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	1,696.99	287.03
12 56 53 00-0045	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	1,625.77	286.87
12 56 53 00-0046	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	1,798.60	304.23
12 56 53 00-0047	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	1,757.54	297.30
12 56 53 00-0048	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	781.13	132.11
12 56 53 00-0049	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	764.13	132.43
12 56 53 00-0050	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	815.04	137.81
12 56 53 00-0051	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	798.04	137.81
12 56 53 00-0052	EA	32-7/8" Wide x 29-3/8" High x 21-5/8" Deep, Standard Corner, Modular Steel Laboratory Base Cabinet	1,094.58	185.16
12 56 53 00-0053	EA	32-7/8" Wide x 29-3/8" High x 21-5/8" Deep, Hexagon Corner, Modular Steel Laboratory Base Cabinet	946.60	160.07

12 56 53 00-0054 35-1/4" High x 21-5/8" Deep, Modular Steel Laboratory Base Cabinets *(12 56 53 00-0002)*

12 56 53 00-0055	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	435.79	73.75
12 56 53 00-0056	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	433.74	73.75
12 56 53 00-0057	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	460.48	77.91
12 56 53 00-0058	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	445.05	75.38
12 56 53 00-0059	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	527.27	89.24
12 56 53 00-0060	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	552.97	93.32
12 56 53 00-0061	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	589.96	99.83
12 56 53 00-0062	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	612.58	103.91
12 56 53 00-0063	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	617.72	104.32
12 56 53 00-0064	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	617.72	104.32
12 56 53 00-0065	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	655.74	110.83
12 56 53 00-0066	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	651.06	112.46
12 56 53 00-0067	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	856.16	144.65
12 56 53 00-0068	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	878.77	148.33
12 56 53 00-0069	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	944.59	159.73
12 56 53 00-0070	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	966.14	163.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0071	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Tilt-Out Door With Removable Bin, Modular Steel Laboratory Base Cabinet	951.77	160.96
12 56 53 00-0072	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Tilt-Out Door With Removable Bin, Modular Steel Laboratory Base Cabinet	978.50	165.44
12 56 53 00-0073	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	1,044.12	176.44
12 56 53 00-0074	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	1,128.32	190.71
12 56 53 00-0075	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	1,122.42	190.71
12 56 53 00-0076	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	1,026.78	173.18
12 56 53 00-0077	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	648.29	174.00
12 56 53 00-0078	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	1,079.20	182.55
12 56 53 00-0079	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	1,064.91	182.55
12 56 53 00-0080	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	1,189.17	201.13
12 56 53 00-0081	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	1,236.48	209.13
12 56 53 00-0082	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	1,313.10	222.16
12 56 53 00-0083	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	1,344.40	227.38
12 56 53 00-0084	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	1,094.79	185.00
12 56 53 00-0085	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	1,169.61	197.63
12 56 53 00-0086	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	1,176.69	198.86
12 56 53 00-0087	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	1,222.03	206.60
12 56 53 00-0088	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	1,411.20	238.79
12 56 53 00-0089	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	1,459.46	246.94
12 56 53 00-0090	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	1,532.38	259.16
12 56 53 00-0091	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	1,533.58	259.16
12 56 53 00-0092	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	1,714.43	290.14
12 56 53 00-0093	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	1,728.61	292.17
12 56 53 00-0094	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	1,764.07	298.28
12 56 53 00-0095	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	1,860.08	314.99
12 56 53 00-0096	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	1,865.91	315.80
12 56 53 00-0097	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	1,893.30	320.20
12 56 53 00-0098	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	1,982.62	335.36
12 56 53 00-0099	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	2,020.61	341.80
12 56 53 00-0100	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	2,072.02	350.44
12 56 53 00-0101	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	2,128.75	360.06
12 56 53 00-0102	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	797.64	134.88
12 56 53 00-0103	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	811.88	137.33
12 56 53 00-0104	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	815.04	137.73
12 56 53 00-0105	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	833.39	140.99
12 56 53 00-0106	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	1,096.82	185.49
12 56 53 00-0107	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	1,129.72	191.03
12 56 53 00-0108	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	1,209.63	204.64
12 56 53 00-0109	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	1,227.04	207.41
12 56 53 00-0110	EA	32-7/8" Wide x 35-1/4" High x 21-5/8" Deep, Standard Corner, Modular Steel Laboratory Base Cabinet	1,138.05	192.34
12 56 53 00-0111	EA	32-7/8" Wide x 35-1/4" High x 21-5/8" Deep, Hexagon Corner, Modular Steel Laboratory Base Cabinet	1,055.93	178.48
12 56 53 00-0112	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	560.15	94.78
12 56 53 00-0113	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	567.35	95.93
12 56 53 00-0114	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	591.00	99.83
12 56 53 00-0115	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	593.05	100.24
12 56 53 00-0116	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	776.02	131.30
12 56 53 00-0117	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	793.49	134.23
12 56 53 00-0118	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	845.87	143.02
12 56 53 00-0119	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	848.96	143.60
12 56 53 00-0120	EA	52" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	980.51	165.84
12 56 53 00-0121	EA	58" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	1,079.20	182.55
12 56 53 00-0122	EA	60" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	1,128.54	190.87

12 56 53 00-0123 25-3/16" High x 16" Deep, Modular Steel Laboratory Wall Cabinets *(12 56 53 00-0002)*

12 56 53 00-0124	EA	15" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	414.21	70.09
12 56 53 00-0125	EA	18" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	427.56	72.29
12 56 53 00-0126	EA	21" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	430.65	72.86
12 56 53 00-0127	EA	24" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	441.97	74.74
12 56 53 00-0128	EA	30" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	462.52	78.24
12 56 53 00-0129	EA	36" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	472.79	79.95
12 56 53 00-0130	EA	42" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	514.94	87.12
12 56 53 00-0131	EA	48" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	521.11	88.10
12 56 53 00-0132	EA	15" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	612.58	103.59
12 56 53 00-0133	EA	18" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	628.00	106.19
12 56 53 00-0134	EA	21" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	642.38	108.64
12 56 53 00-0135	EA	24" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	655.74	110.91
12 56 53 00-0136	EA	30" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	797.60	134.88
12 56 53 00-0137	EA	36" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	807.88	136.67
12 56 53 00-0138	EA	42" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	880.83	148.97
12 56 53 00-0139	EA	48" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	883.92	149.55
12 56 53 00-0140	EA	15" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	716.37	121.19
12 56 53 00-0141	EA	18" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	740.03	125.18
12 56 53 00-0142	EA	21" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	752.35	127.22
12 56 53 00-0143	EA	24" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	765.72	129.50
12 56 53 00-0144	EA	30" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	1,073.05	181.50
12 56 53 00-0145	EA	36" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	1,094.65	185.16
12 56 53 00-0146	EA	42" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	1,158.33	195.92
12 56 53 00-0147	EA	48" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	1,178.90	199.42
12 56 53 00-0148	EA	25-23/32" Wide x 25-3/16" High x 16" Deep, Corner 18" Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	980.51	165.84
12 56 53 00-0149	EA	28-23/32" Wide x 25-3/16" High x 16" Deep, Corner 18" Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	1,085.40	183.62
12 56 53 00-0150	EA	30" Wide x 25-3/16" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	821.35	134.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0151	EA	36" Wide x 25-3/16" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	831.94	136.67
12 56 53 00-0152	EA	42" Wide x 25-3/16" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	907.06	148.97
12 56 53 00-0153	EA	48" Wide x 25-3/16" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	910.24	149.47
12 56 53 00-0154	EA	30" Wide x 25-3/16" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	1,105.00	181.50
12 56 53 00-0155	EA	36" Wide x 25-3/16" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	1,127.24	185.16
12 56 53 00-0156	EA	42" Wide x 25-3/16" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	1,192.82	195.92
12 56 53 00-0157	EA	48" Wide x 25-3/16" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	1,214.00	199.42
12 56 53 00-0158		31" High x 16" Deep, Modular Steel Laboratory Wall Cabinets *(12 56 53 00-0002)*		
12 56 53 00-0159	EA	15" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	452.25	76.61
12 56 53 00-0160	EA	18" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	465.60	78.64
12 56 53 00-0161	EA	21" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	467.66	79.06
12 56 53 00-0162	EA	24" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	472.79	79.87
12 56 53 00-0163	EA	30" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	502.61	85.17
12 56 53 00-0164	EA	36" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	517.00	87.20
12 56 53 00-0165	EA	42" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	613.61	103.91
12 56 53 00-0166	EA	48" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	626.99	105.95
12 56 53 00-0167	EA	15" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	638.28	107.99
12 56 53 00-0168	EA	18" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	654.71	110.83
12 56 53 00-0169	EA	21" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	666.02	112.88
12 56 53 00-0170	EA	24" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	697.90	117.77
12 56 53 00-0171	EA	30" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	862.36	145.88
12 56 53 00-0172	EA	36" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	874.67	147.92
12 56 53 00-0173	EA	42" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	972.29	164.63
12 56 53 00-0174	EA	48" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	991.82	167.89
12 56 53 00-0175	EA	15" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	759.55	128.36
12 56 53 00-0176	EA	18" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	782.19	132.02
12 56 53 00-0177	EA	21" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	793.46	134.07
12 56 53 00-0178	EA	24" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	814.03	137.73
12 56 53 00-0179	EA	30" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	1,107.99	187.04
12 56 53 00-0180	EA	36" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	1,139.85	192.74
12 56 53 00-0181	EA	42" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	1,327.90	224.53
12 56 53 00-0182	EA	48" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	1,246.23	199.26
12 56 53 00-0183	EA	25-23/32" Wide x 31" High x 16" Deep, Corner 18" Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,085.33	183.78
12 56 53 00-0184	EA	25-23/32" Wide x 31" High x 16" Deep, Corner 18" Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	1,291.95	218.82
12 56 53 00-0185	EA	30" Wide x 31" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	888.04	145.88
12 56 53 00-0186	EA	36" Wide x 31" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	900.72	147.92
12 56 53 00-0187	EA	42" Wide x 31" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	1,001.25	164.46
12 56 53 00-0188	EA	48" Wide x 31" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	1,021.35	167.73
12 56 53 00-0189	EA	30" Wide x 31" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	1,140.98	187.44
12 56 53 00-0190	EA	36" Wide x 31" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	1,173.80	192.82
12 56 53 00-0191	EA	42" Wide x 31" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	1,367.44	224.61
12 56 53 00-0192	EA	48" W Glass Sliding Door Cases	1,284.37	199.42
12 56 53 00-0193		Wood Laboratory Furniture *(12 56 53)*		
12 56 53 00-0194		Wood Laboratory Cabinets *(12 56 53 00-0193)*		
12 56 53 00-0195		28-1/2" High x 21-1/2" Deep, Wood Laboratory Base Cabinets *(12 56 53 00-0194)*		
12 56 53 00-0196	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	336.98	64.38
12 56 53 00-0197	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	347.92	66.42
12 56 53 00-0198	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	358.84	68.46
12 56 53 00-0199	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	369.75	70.90
12 56 53 00-0200	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	410.77	78.64
12 56 53 00-0201	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	438.09	83.54
12 56 53 00-0202	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	458.14	87.20
12 56 53 00-0203	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	482.73	92.09
12 56 53 00-0204	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	409.86	78.24
12 56 53 00-0205	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	424.44	81.09
12 56 53 00-0206	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	433.54	82.72
12 56 53 00-0207	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	445.36	85.17
12 56 53 00-0208	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	572.93	109.20
12 56 53 00-0209	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	608.25	116.14
12 56 53 00-0210	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	628.45	119.80
12 56 53 00-0211	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	653.19	124.69
12 56 53 00-0212	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	601.92	114.91
12 56 53 00-0213	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	623.13	118.99
12 56 53 00-0214	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	639.40	122.25
12 56 53 00-0215	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	661.29	125.91
12 56 53 00-0216	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	612.07	116.54
12 56 53 00-0217	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	636.67	121.84
12 56 53 00-0218	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	654.87	125.10
12 56 53 00-0219	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	675.84	129.17
12 56 53 00-0220	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	957.29	182.55
12 56 53 00-0221	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	1,014.58	193.55
12 56 53 00-0222	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	1,035.50	197.63
12 56 53 00-0223	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	1,076.54	205.37
12 56 53 00-0224	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	1,096.61	209.05
12 56 53 00-0225	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	1,147.58	219.23
12 56 53 00-0226	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	1,181.22	225.74
12 56 53 00-0227	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	1,222.26	233.50
12 56 53 00-0228	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	453.56	86.80
12 56 53 00-0229	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	469.97	90.06
12 56 53 00-0230	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	479.99	91.69

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0231	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	493.65	94.13
12 56 53 00-0232	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	732.27	139.77
12 56 53 00-0233	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	765.98	146.21
12 56 53 00-0234	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	787.82	150.36
12 56 53 00-0235	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	816.08	155.75
12 56 53 00-0236	EA	35" Wide x 28-1/2" High x 21-1/2" Deep, Diagonal Corner, Wood Laboratory Base Cabinet	956.33	182.55
12 56 53 00-0237	EA	35" Wide x 28-1/2" High x 21-1/2" Deep, Diagonal Corner With Lazy Susan, Wood Laboratory Base Cabinet	1,060.12	202.52
12 56 53 00-0238	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	373.43	71.31
12 56 53 00-0239	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	385.26	73.51
12 56 53 00-0240	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	392.55	74.90
12 56 53 00-0241	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	401.65	76.69
12 56 53 00-0242	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	514.59	98.20
12 56 53 00-0243	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	541.00	103.25
12 56 53 00-0244	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	556.50	106.19
12 56 53 00-0245	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	572.88	109.37

12 56 53 00-0246 35-3/4" High x 22" Deep, Wood Laboratory Base Cabinets *(12 56 53 00-0194)*

12 56 53 00-0247	EA	24" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet	590.39	112.68
12 56 53 00-0248	EA	30" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet	764.37	145.69
12 56 53 00-0249	EA	36" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet	770.03	146.96
12 56 53 00-0250	EA	48" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet	888.11	169.50
12 56 53 00-0251	EA	24" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet	967.85	184.72
12 56 53 00-0252	EA	30" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,085.92	207.25
12 56 53 00-0253	EA	36" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,161.63	221.70
12 56 53 00-0254	EA	48" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,375.56	262.52
12 56 53 00-0255	EA	24" Wide x 35-3/4" High x 22" Deep, Combination Door/Drawer, Wood Laboratory Base Cabinet	711.50	135.44
12 56 53 00-0256	EA	30" Wide x 35-3/4" High x 22" Deep, Combination Door/Drawer, Wood Laboratory Base Cabinet	979.94	187.02
12 56 53 00-0257	EA	36" Wide x 35-3/4" High x 22" Deep, Combination Door/Drawer, Wood Laboratory Base Cabinet	1,019.31	194.53
12 56 53 00-0258	EA	48" Wide Base Cabinet With Combination Door/Drawer	1,139.42	217.46

12 56 53 00-0259 30-5/8" High x 13" Deep, Wood Laboratory Wall Cabinets *(12 56 53 00-0194)*

12 56 53 00-0260	EA	15" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	400.76	76.61
12 56 53 00-0261	EA	18" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	416.23	79.06
12 56 53 00-0262	EA	21" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	427.17	81.50
12 56 53 00-0263	EA	24" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	389.81	74.16
12 56 53 00-0264	EA	30" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	448.12	85.57
12 56 53 00-0265	EA	36" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	485.46	92.50
12 56 53 00-0266	EA	42" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	507.31	96.98
12 56 53 00-0267	EA	48" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	537.38	102.28
12 56 53 00-0268	EA	15" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	439.92	83.94
12 56 53 00-0269	EA	18" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	459.95	88.01
12 56 53 00-0270	EA	21" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,868.64	920.93
12 56 53 00-0271	EA	24" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	494.56	94.13
12 56 53 00-0272	EA	30" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	646.68	123.47
12 56 53 00-0273	EA	36" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	696.77	132.84
12 56 53 00-0274	EA	42" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	728.64	139.36
12 56 53 00-0275	EA	48" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	766.87	146.29
12 56 53 00-0276	EA	15" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	492.75	94.13
12 56 53 00-0277	EA	18" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	511.87	97.80
12 56 53 00-0278	EA	21" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	526.43	100.24
12 56 53 00-0279	EA	24" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	546.47	104.32
12 56 53 00-0280	EA	30" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	753.23	143.84
12 56 53 00-0281	EA	36" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	801.51	152.81
12 56 53 00-0282	EA	42" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	823.33	157.29
12 56 53 00-0283	EA	48" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	873.44	166.66
12 56 53 00-0284	EA	30" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	674.03	128.36
12 56 53 00-0285	EA	36" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	727.55	138.96
12 56 53 00-0286	EA	42" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	776.83	148.33
12 56 53 00-0287	EA	48" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	831.48	158.92
12 56 53 00-0288	EA	30" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	814.43	155.25
12 56 53 00-0289	EA	36" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	865.39	165.04
12 56 53 00-0290	EA	42" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	892.56	170.33
12 56 53 00-0291	EA	48" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	941.73	179.70
12 56 53 00-0292	EA	23-1/2" Wide x 30-5/8" High x 13" Deep, Corner With Solid Swinging Door, Wood Laboratory Wall Cabinet	992.93	189.48
12 56 53 00-0293	EA	23-1/2" Wide x 30-5/8" High x 13" Deep, Corner With Glass Swinging Door, Wood Laboratory Wall Cabinet	1,033.69	197.63

12 56 53 00-0294 30-5/8" High x 16" Deep, Wood Laboratory Wall Cabinets *(12 56 53 00-0194)*

12 56 53 00-0295	EA	30" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	495.48	94.54
12 56 53 00-0296	EA	36" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	542.84	103.51
12 56 53 00-0297	EA	42" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	569.25	108.80
12 56 53 00-0298	EA	48" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	604.78	114.91
12 56 53 00-0299	EA	15" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	460.87	88.01
12 56 53 00-0300	EA	18" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	485.46	92.91
12 56 53 00-0301	EA	21" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	500.00	95.76
12 56 53 00-0302	EA	24" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	520.97	99.02
12 56 53 00-0303	EA	30" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	684.05	130.39
12 56 53 00-0304	EA	36" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	742.31	141.40
12 56 53 00-0305	EA	42" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	775.09	148.33
12 56 53 00-0306	EA	48" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	818.78	156.07
12 56 53 00-0307	EA	15" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	515.50	98.61
12 56 53 00-0308	EA	18" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	531.01	101.46
12 56 53 00-0309	EA	21" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	548.29	104.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0310	EA	24" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	576.53	110.02
12 56 53 00-0311	EA	30" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	786.04	149.96
12 56 53 00-0312	EA	36" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	847.97	161.78
12 56 53 00-0313	EA	42" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	874.32	167.07
12 56 53 00-0314	EA	48" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	930.83	177.66
12 56 53 00-0315	EA	30" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	705.91	134.47
12 56 53 00-0316	EA	36" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	780.37	149.14
12 56 53 00-0317	EA	42" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	819.62	156.47
12 56 53 00-0318	EA	48" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	876.28	167.47
12 56 53 00-0319	EA	30" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	850.90	162.18
12 56 53 00-0320	EA	36" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	904.56	172.37
12 56 53 00-0321	EA	42" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	940.85	179.70
12 56 53 00-0322	EA	48" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	991.79	189.08
12 56 53 00-0323	EA	26-1/2" Wide x 30-5/8" High x 16" Deep, Corner With Solid Swinging Door, Wood Laboratory Wall Cabinet	1,039.36	198.45
12 56 53 00-0324	EA	26-1/2" Wide x 30-5/8" High x 16" Deep, Corner With Glass Swinging Door, Wood Laboratory Wall Cabinet	1,072.80	204.97
12 56 53 00-0325		Plastic Laminate Laboratory Furniture *(12 56 53)*		
12 56 53 00-0326		Plastic Laminate Laboratory Cabinets *(12 56 53 00-0325)*		
12 56 53 00-0327		28-1/2" High x 22.3" Deep, Plastic Laminate Laboratory Base Cabinet *(12 56 53 00-0326)*		
12 56 53 00-0328	EA	15" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	295.31	64.30
12 56 53 00-0329	EA	18" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	304.90	66.42
12 56 53 00-0330	EA	21" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	314.46	68.46
12 56 53 00-0331	EA	24" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	324.03	70.58
12 56 53 00-0332	EA	30" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	359.98	78.40
12 56 53 00-0333	EA	36" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	383.92	83.62
12 56 53 00-0334	EA	42" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	401.49	87.45
12 56 53 00-0335	EA	48" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	423.04	92.17
12 56 53 00-0336	EA	15" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	359.18	78.24
12 56 53 00-0337	EA	18" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	371.96	81.01
12 56 53 00-0338	EA	21" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	379.93	82.72
12 56 53 00-0339	EA	24" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	390.29	85.01
12 56 53 00-0340	EA	30" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	502.09	109.37
12 56 53 00-0341	EA	36" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	533.02	116.05
12 56 53 00-0342	EA	42" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	550.74	119.96
12 56 53 00-0343	EA	48" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	572.44	124.69
12 56 53 00-0344	EA	15" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	527.48	114.83
12 56 53 00-0345	EA	18" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	546.10	118.99
12 56 53 00-0346	EA	21" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	560.34	122.09
12 56 53 00-0347	EA	24" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	579.53	126.24
12 56 53 00-0348	EA	15" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	536.39	116.78
12 56 53 00-0349	EA	18" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	557.94	121.51
12 56 53 00-0350	EA	21" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	573.89	125.02
12 56 53 00-0351	EA	24" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	592.28	129.01
12 56 53 00-0352	EA	15" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	409.54	78.24
12 56 53 00-0353	EA	18" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	424.47	81.09
12 56 53 00-0354	EA	21" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	433.50	82.72
12 56 53 00-0355	EA	24" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	445.24	85.17
12 56 53 00-0356	EA	30" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	679.04	147.92
12 56 53 00-0357	EA	36" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	729.56	158.92
12 56 53 00-0358	EA	42" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	747.48	162.99
12 56 53 00-0359	EA	48" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	783.66	170.74
12 56 53 00-0360	EA	15" Wide Cabinet, 1 Drawer Over Cupboard	397.47	86.56
12 56 53 00-0361	EA	18" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinets	411.85	89.73
12 56 53 00-0362	EA	21" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	420.64	91.61
12 56 53 00-0363	EA	24" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	432.61	94.22
12 56 53 00-0364	EA	30" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	641.73	139.77
12 56 53 00-0365	EA	36" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	671.26	146.21
12 56 53 00-0366	EA	42" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	690.41	150.36
12 56 53 00-0367	EA	48" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	715.17	155.75
12 56 53 00-0368	EA	22.3" Wide x 28-1/2" High x 22.3" Deep, Diagonal Corner, Plastic Laminate Laboratory Base Cabinet	838.15	182.55
12 56 53 00-0369	EA	22.3" Wide x 28-1/2" High x 22.3" Deep, Diagonal Corner With Lazy Susan, Plastic Laminate Laboratory Base Cabinet	929.02	202.36
12 56 53 00-0370	EA	15" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	327.25	71.31
12 56 53 00-0371	EA	18" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	337.62	73.51
12 56 53 00-0372	EA	21" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	344.01	74.90
12 56 53 00-0373	EA	24" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	351.99	76.69
12 56 53 00-0374	EA	30" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	450.96	98.20
12 56 53 00-0375	EA	36" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	474.10	103.25
12 56 53 00-0376	EA	42" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	487.69	106.19
12 56 53 00-0377	EA	48" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	502.04	109.37
12 56 53 00-0378		30.6" High x 12" Deep, Plastic Laminate Laboratory Wall Cabinet *(12 56 53 00-0326)*		
12 56 53 00-0379	EA	15" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	351.21	76.53
12 56 53 00-0380	EA	18" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	364.76	79.46
12 56 53 00-0381	EA	21" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	374.35	81.50
12 56 53 00-0382	EA	24" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	341.61	74.41
12 56 53 00-0383	EA	30" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	392.71	85.57
12 56 53 00-0384	EA	36" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	425.43	92.67
12 56 53 00-0385	EA	42" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	444.57	96.82
12 56 53 00-0386	EA	48" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	470.93	102.61
12 56 53 00-0387	EA	15" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	385.53	83.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0388	EA	18" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	403.08	87.77
12 56 53 00-0389	EA	21" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,862.68	919.46
12 56 53 00-0390	EA	24" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	433.41	94.38
12 56 53 00-0391	EA	30" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	566.72	123.47
12 56 53 00-0392	EA	36" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	610.62	133.01
12 56 53 00-0393	EA	42" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	638.54	139.04
12 56 53 00-0394	EA	48" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	672.04	146.37
12 56 53 00-0395	EA	15" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	431.82	94.04
12 56 53 00-0396	EA	18" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	448.58	97.72
12 56 53 00-0397	EA	21" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	461.33	100.49
12 56 53 00-0398	EA	24" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	478.90	104.32
12 56 53 00-0399	EA	30" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	660.09	143.76
12 56 53 00-0400	EA	36" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	702.40	152.97
12 56 53 00-0401	EA	42" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	721.51	157.13
12 56 53 00-0402	EA	48" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	765.43	166.75
12 56 53 00-0403	EA	30" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	590.68	128.68
12 56 53 00-0404	EA	36" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	637.56	138.79
12 56 53 00-0405	EA	42" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	680.76	148.25
12 56 53 00-0406	EA	48" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	728.66	158.84
12 56 53 00-0407	EA	30" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	713.75	155.50
12 56 53 00-0408	EA	36" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	758.40	165.20
12 56 53 00-0409	EA	42" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	782.19	170.33
12 56 53 00-0410	EA	48" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	825.28	179.70
12 56 53 00-0411		30.6" High x 16" Deep, Plastic Laminate Laboratory Wall Cabinet *(12 56 53 00-0326)*		
12 56 53 00-0412	EA	15" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	403.88	87.93
12 56 53 00-0413	EA	18" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	425.43	92.67
12 56 53 00-0414	EA	21" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	438.17	95.43
12 56 53 00-0415	EA	24" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	456.55	99.43
12 56 53 00-0416	EA	30" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	599.47	130.56
12 56 53 00-0417	EA	36" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	650.52	141.73
12 56 53 00-0418	EA	42" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	679.25	147.92
12 56 53 00-0419	EA	48" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	717.53	156.23
12 56 53 00-0420	EA	15" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	451.76	98.37
12 56 53 00-0421	EA	18" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	465.35	101.38
12 56 53 00-0422	EA	21" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	480.49	104.64
12 56 53 00-0423	EA	24" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	505.24	110.02
12 56 53 00-0424	EA	30" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	688.84	150.04
12 56 53 00-0425	EA	36" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	743.12	161.86
12 56 53 00-0426	EA	42" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	766.20	166.83
12 56 53 00-0427	EA	48" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	815.73	177.66
12 56 53 00-0428	EA	30" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	618.63	134.72
12 56 53 00-0429	EA	36" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	683.85	148.89
12 56 53 00-0430	EA	42" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	718.26	156.39
12 56 53 00-0431	EA	48" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	767.93	167.31
12 56 53 00-0432	EA	30" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	745.71	162.51
12 56 53 00-0433	EA	36" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	792.73	172.70
12 56 53 00-0434	EA	42" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	824.51	179.54
12 56 53 00-0435	EA	48" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	869.15	189.32
12 56 53 00-0436		Laboratory Furniture Accessories *(12 56 53)*		
12 56 53 00-0437		Laboratory Base Cabinet Accessories *(12 56 53 00-0436)*		
12 56 53 00-0438		Laboratory Countertops *(12 56 53 00-0437)*		
12 56 53 00-0439	SF	1" Thick Self-Band High Pressure Plastic Laminate With Curb Laboratory Countertop	28.38	4.08
12 56 53 00-0440	SF	1" Thick Self-Band High Pressure Chemsurf With Curb Laboratory Countertop	25.23	4.32
12 56 53 00-0441	SF	1" Thick Waterfall High Pressure Plastic Laminate With Curb Laboratory Countertop	28.38	4.32
12 56 53 00-0442	SF	1" Thick Waterfall High Pressure Chemsurf With Curb Laboratory Countertop	32.31	4.32
12 56 53 00-0443	SF	1" Thick 3MM Edge Banding High Pressure Plastic Laminate With Curb Laboratory Countertop	28.38	4.32
12 56 53 00-0444	SF	1" Thick 3MM Edge Banding High Pressure Chemsurf With Curb Laboratory Countertop	32.31	4.32
12 56 53 00-0445	SF	1" Thick Modified Epoxy Resin With Curb Laboratory Countertop	40.18	4.32
12 56 53 00-0446	SF	1" Thick Imperial Stone With Curb Laboratory Countertop	49.62	4.32
12 56 53 00-0447	SF	1-1/4" Thick Self-Band High Pressure Plastic Laminate With Curb Laboratory Countertop	29.95	4.08
12 56 53 00-0448	SF	1-1/4" Thick Self-Band High Pressure Chemsurf With Curb Laboratory Countertop	34.67	4.32
12 56 53 00-0449	SF	1-1/4" Thick Waterfall High Pressure Plastic Laminate With Curb Laboratory Countertop	29.95	4.48
12 56 53 00-0450	SF	1-1/4" Thick Waterfall High Pressure Chemsurf With Curb Laboratory Countertop	34.67	4.48
12 56 53 00-0451	SF	1-1/4" Thick 3MM Edge Banding High Pressure Plastic Laminate With Curb Laboratory Countertop	29.95	4.32
12 56 53 00-0452	SF	1-1/4" Thick 3MM Edge Banding High Pressure Chemsurf With Curb Laboratory Countertop	34.67	4.32
12 56 53 00-0453	SF	1-1/4" Thick Modified Epoxy Resin With Curb Laboratory Countertop	47.26	4.48
12 56 53 00-0454	SF	Steel Laboratory Countertop	48.25	8.15
12 56 53 00-0455	SF	Stainless Steel Laboratory Countertop Note: Use this task when depth does not match nominal size LF tasks.	108.52	8.15
12 56 53 00-0456	LF	24" Deep, Backsplash, Stainless Steel Laboratory Countertop	112.17	9.94
		For Box Curb Backsplash, Add	*12.97*	
12 56 53 00-0457	LF	30" Deep, Backsplash, Stainless Steel Laboratory Countertop	130.86	9.94
		For Box Curb Backsplash, Add	*12.97*	
12 56 53 00-0458	LF	54" Wide Stainless Steel Laboratory Countertop	185.69	11.58
12 56 53 00-0459		Modifications To Laboratory Countertop *(12 56 53 00-0437)*		
12 56 53 00-0460	EA	Sink Cutout For Laminate Laboratory Countertop	23.61	
12 56 53 00-0461	EA	Cupsink Cutout For Laminate Laboratory Countertop	17.31	
12 56 53 00-0462	EA	Column Cutout For Laminate Laboratory Countertop	29.12	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0463	EA	Flush Electric Cutout For Laminate Laboratory Countertop	11.02	
12 56 53 00-0464	EA	Fixture Hole For Laminate Laboratory Countertop	6.30	
12 56 53 00-0465	EA	Sink Cutout For Chemsurf Laboratory Countertop	21.25	
12 56 53 00-0466	EA	Cupsink Cutout For Chemsurf Laboratory Countertop	14.95	
12 56 53 00-0467	EA	Column Cutout For Chemsurf Laboratory Countertop	21.25	
12 56 53 00-0468	EA	Flush Electric Cutout For Chemsurf Laboratory Countertop	12.59	
12 56 53 00-0469	EA	Fixture Hole For Chemsurf Laboratory Countertop	5.51	
12 56 53 00-0470	EA	Sink Cutout For Imperial Stone Laboratory Countertop	48.01	
12 56 53 00-0471	EA	Cupsink Cutout For Imperial Stone Laboratory Countertop	44.07	
12 56 53 00-0472	EA	Column Cutout For Imperial Stone Laboratory Countertop	68.47	
12 56 53 00-0473	EA	Flush Electric Cutout For Imperial Stone Laboratory Countertop	27.55	
12 56 53 00-0474	EA	Drainboard Groove (Each) For Imperial Stone Laboratory Countertop	31.48	
12 56 53 00-0475	EA	Fixture Hole For Imperial Stone Laboratory Countertop	10.23	
12 56 53 00-0476	EA	Sink Cutout For Epoxy Resin Laboratory Countertop	69.26	
12 56 53 00-0477	EA	Cupsink Cutout For Epoxy Resin Laboratory Countertop	59.03	
12 56 53 00-0478	EA	Column Cutout For Epoxy Resin Laboratory Countertop	69.26	
12 56 53 00-0479	EA	Vent Hole For Epoxy Resin Laboratory Countertop	34.63	
12 56 53 00-0480	EA	Flush Electric Cutout For Epoxy Resin Laboratory Countertop	69.26	
12 56 53 00-0481	EA	Drainboard Groove (Each) For Epoxy Resin Laboratory Countertop	16.53	
12 56 53 00-0482	EA	Upright Notch For Epoxy Resin Laboratory Countertop	34.63	
12 56 53 00-0483	EA	Fixture Hole For Epoxy Resin Laboratory Countertop	12.59	
12 56 53 00-0484	EA	Angle Cut For Epoxy Resin Laboratory Countertop	34.63	
12 56 53 00-0485		Laboratory Countertop Fixtures *(12 56 53 00-0437)*		
		Note: Includes final connection. Excludes rough-in.		
12 56 53 00-0486	EA	6" Gooseneck Deck Mount Single Valve Faucet (Fisher Hamilton 32L391)	153.32	19.83
12 56 53 00-0487	EA	6" Gooseneck Deck Mount Hot And Cold Valve Faucet (Fisher Hamilton 32L406)	209.46	19.83
12 56 53 00-0488	EA	Deionozed Water 6" Gooseneck Deck Mount Single Valve Faucet (Fisher Hamilton 32L512)	211.70	19.83
12 56 53 00-0489	EA	Turret Deck Mount Air Or Gas Valve (Fisher Hamilton 30L535)	69.76	11.89
12 56 53 00-0490		Laboratory Sinks, Excludes Rough-In Within A Wall *(12 56 53 00-0437)*		
		Note: Includes final connection and all associated trim. See CSI section 22 42 16 00-0048 for stainless steel sinks.		
12 56 53 00-0491	EA	Epoxy Resin Cup Sink	110.15	31.72
12 56 53 00-0492	EA	Stainless Steel Cup Sink	401.49	33.70
12 56 53 00-0493	EA	21" x 15" x 10" Polyethylene Laboratory Sink	615.00	109.49
12 56 53 00-0494	EA	27" x 17" x 13" Polyethylene Laboratory Sink	653.65	109.49
12 56 53 00-0495	EA	25" x 15" x 10" Epoxy Resin Single Bowl Laboratory Sink	708.06	129.49

12 59 Systems Furniture *(12 50)*

12 59 13 Panel-Hung Component System Furniture *(12 59)*

12 59 13 00-0001		Panel Hung Furniture, Office Systems *(12 59 13)*		
12 59 13 00-0002	EA	Acoustic Panel, 43" High, 24" Wide, NRC .85	260.68	
12 59 13 00-0003	EA	Acoustic Panel, 43" High, 30" Wide, NRC .85	290.85	
12 59 13 00-0004	EA	Acoustic Panel, 43" High, 36" Wide, NRC .85	321.38	
12 59 13 00-0005	EA	Acoustic Panel, 43" High, 48" Wide, NRC .85	384.89	
12 59 13 00-0006	EA	Acoustic Panel, 64" High, 30" Wide, NRC .85	345.94	
12 59 13 00-0007	EA	Acoustic Panel, 64" High, 36" Wide, NRC .85	370.50	
12 59 13 00-0008	EA	Acoustic Panel, 64" High, 42" Wide, NRC .85	430.13	
12 59 13 00-0009	EA	Acoustic Panel, 64" High, 48" Wide, NRC .85	456.10	
12 59 13 00-0010	EA	Acoustic Panel, 64" High, 60" Wide, NRC .85	499.93	
12 59 13 00-0011	EA	Bookshelf, 36" Wide, 13-3/4" Depth, 8" High	120.70	
12 59 13 00-0012	EA	Bookshelf, 42" Wide, 13-3/4" Depth, 16" High	126.66	
12 59 13 00-0013	EA	Bookshelf, 48" Wide, 13-3/4" Depth, 8" High	130.17	
12 59 13 00-0014	EA	Cantilever Bracket, 20" Deep, 24" Deep	40.52	
12 59 13 00-0015	PR	Countertop Bracket, Pair	16.93	
12 59 13 00-0016	EA	Flat Bracket, 20" Deep, 24" Wide	20.91	
12 59 13 00-0017	PR	Worksurface Kit, Pair	16.93	
12 59 13 00-0018	EA	Connector Kit, Ell, 43" High, 90" Deep	72.98	
12 59 13 00-0019	EA	Connector Kit, Ell, 64" High, 90" Deep	42.80	
12 59 13 00-0020	EA	Connector Kit, Straight, 43" High	29.65	
12 59 13 00-0021	EA	Connector Kit, Straight, 64" High	30.57	
12 59 13 00-0022	EA	Support Column For Peninsula, 29-1/2" High	104.74	
12 59 13 00-0023	EA	Countertop, 15" Deep, 36" Wide	137.53	
12 59 13 00-0024	EA	Countertop, 15" Deep, 48" Wide	153.33	
12 59 13 00-0025	EA	Duplex Receptacle Circuit 1	14.97	
12 59 13 00-0026	EA	Duplex Receptacle Circuit 2	17.12	
12 59 13 00-0027	EA	Electric Power Harness, 36" Wide	97.71	
12 59 13 00-0028	EA	Electric Power Harness, 42" Wide	100.17	
12 59 13 00-0029	EA	Electric Power Harness, 60" Wide	102.64	
12 59 13 00-0030	EA	Panel End Cover, 43" High	29.65	
12 59 13 00-0031	EA	Panel End Cover, 64" High	29.65	
12 59 13 00-0032	EA	Finish End Cover, 2-way, Variable Height	44.91	
12 59 13 00-0033	EA	Overhead Cabinet With Door, 42" Wide	282.42	
12 59 13 00-0034	EA	Overhead Cabinet With Door, 60" Wide	429.05	
12 59 13 00-0035	EA	Pedestal Spacer, 22" Deep, 15" Wide	48.59	
12 59 13 00-0036	EA	Pedestal Spacer, 28" Deep, 15" Wide	58.59	
12 59 13 00-0037	EA	Pedestal Box, Box, File, 22" Deep, 26" High	341.40	
12 59 13 00-0038	EA	Pedestal Box, Box, File, 28" Deep, 26" High	356.11	
12 59 13 00-0039	EA	Pedestal File, File, 22" Deep, 26" High	318.24	
12 59 13 00-0040	EA	Pedestal Lateral File, 2 Drawer, 30" Wide	449.08	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0041	EA	Base In Feed Power Cable	196.01	
12 59 13 00-0042	EA	Task Light, Recessed, 30" - 36" Wide	132.45	
12 59 13 00-0043	EA	Task Light, Recessed, 42" - 48" Wide	143.16	
12 59 13 00-0044	EA	Task Light, Recessed, 60" Wide	155.07	
12 59 13 00-0045	EA	Worksurface, Radius Edge, 24" Deep, 36" Wide	142.62	
12 59 13 00-0046	EA	Worksurface, Radius Edge, 24" Deep, 42" Wide	175.08	
12 59 13 00-0047	EA	Worksurface, Radius Edge, 24" Deep, 48" Wide	186.66	
12 59 13 00-0048	EA	Worksurface, Radius Edge, 24" Deep, 60" Wide	234.38	
12 59 13 00-0049	EA	Worksurface, Radius Edge, 24" Deep, 72" Wide	264.89	
12 59 13 00-0050	EA	Worksurface, Radius Edge, 30" Deep, 42" Wide	224.54	
12 59 13 00-0051	EA	Worksurface, Radius Edge, 30" Deep, 60" Wide	262.08	
12 59 13 00-0052	EA	Worksurface, Radius Edge, 30" Deep, 72" Wide	298.22	
12 59 13 00-0053	EA	Worksurface, Radius Edge, Corner 24" Deep, 36" Wide	343.13	
12 59 13 00-0054	EA	Worksurface, Radius Edge, Corner 24" Deep, 42" Wide	390.10	
12 59 13 00-0055	EA	Worksurface, Peninsula, 36" Wide, 66" Long	449.08	

12 59 13 00-0056 Open Office Systems Furniture Components *(12 59 13)*

Note: Excludes electrical wire and wiring devices.

12 59 13 00-0057	EA	34H 24W Fabric Covered Panel - Component Systems Furniture	160.21	18.24
		For Tackable Acoustical Barrier Panel, Add	*26.37*	
		For Acoustical Panel, Add	*28.66*	
		For Enameled Surface, Deduct	*-11.46*	
12 59 13 00-0058	EA	34H 30W Fabric Covered Panel - Component Systems Furniture	178.07	20.30
		For Tackable Acoustical Barrier Panel, Add	*29.31*	
		For Acoustical Panel, Add	*31.86*	
		For Enameled Surface, Deduct	*-12.74*	
12 59 13 00-0059	EA	34H 36W Fabric Covered Panel - Component Systems Furniture	190.40	21.62
		For Tackable Acoustical Barrier Panel, Add	*31.34*	
		For Acoustical Panel, Add	*34.06*	
		For Enameled Surface, Deduct	*-13.62*	
12 59 13 00-0060	EA	34H 48W Fabric Covered Panel - Component Systems Furniture	213.33	24.28
		For Tackable Acoustical Barrier Panel, Add	*35.11*	
		For Acoustical Panel, Add	*38.17*	
		For Enameled Surface, Deduct	*-15.27*	
12 59 13 00-0061	EA	42H 24W Fabric Covered Panel - Component Systems Furniture	162.76	18.50
		For Tackable Acoustical Barrier Panel, Add	*26.79*	
		For Acoustical Panel, Add	*29.12*	
		For Enameled Surface, Deduct	*-11.65*	
12 59 13 00-0062	EA	42H 30W Fabric Covered Panel - Component Systems Furniture	184.00	20.89
		For Tackable Acoustical Barrier Panel, Add	*30.29*	
		For Acoustical Panel, Add	*32.92*	
		For Enameled Surface, Deduct	*-13.17*	
12 59 13 00-0063	EA	42H 36W Fabric Covered Panel - Component Systems Furniture	206.10	23.48
		For Tackable Acoustical Barrier Panel, Add	*33.92*	
		For Acoustical Panel, Add	*36.87*	
		For Enameled Surface, Deduct	*-14.75*	
12 59 13 00-0064	EA	42H 48W Fabric Covered Panel - Component Systems Furniture	242.23	27.53
		For Tackable Acoustical Barrier Panel, Add	*39.87*	
		For Acoustical Panel, Add	*43.34*	
		For Enameled Surface, Deduct	*-17.33*	
12 59 13 00-0065	EA	62H 12W Fabric Covered Panel - Component Systems Furniture	156.81	17.84
		For Tackable Acoustical Barrier Panel, Add	*25.81*	
		For Acoustical Panel, Add	*28.05*	
		For Enameled Surface, Deduct	*-11.22*	
12 59 13 00-0066	EA	62H 24W Fabric Covered Panel - Component Systems Furniture	192.94	21.95
		For Tackable Acoustical Barrier Panel, Add	*31.76*	
		For Acoustical Panel, Add	*34.52*	
		For Enameled Surface, Deduct	*-13.81*	
12 59 13 00-0067	EA	62H 36W Fabric Covered Panel - Component Systems Furniture	241.41	27.46
		For Tackable Acoustical Barrier Panel, Add	*39.73*	
		For Acoustical Panel, Add	*43.19*	
		For Enameled Surface, Deduct	*-17.27*	
12 59 13 00-0068	EA	62H 48W Fabric Covered Panel - Component Systems Furniture	288.97	32.83
		For Tackable Acoustical Barrier Panel, Add	*47.56*	
		For Acoustical Panel, Add	*51.70*	
		For Enameled Surface, Deduct	*-20.68*	
12 59 13 00-0069	EA	34" Draw Rod Panel Connector Hardware	8.75	0.99
12 59 13 00-0070	EA	42" Draw Rod Panel Connector Hardware	8.75	0.99
12 59 13 00-0071	EA	62" Draw Rod Panel Connector Hardware	9.34	1.06
12 59 13 00-0072	EA	34" Two-Way 90 Degree Panel Connector Hardware	40.25	4.58
12 59 13 00-0073	EA	42" Two-Way 90 Degree Panel Connector Hardware	46.66	5.31
12 59 13 00-0074	EA	62" Two-Way 90 Degree Panel Connector Hardware	53.66	6.10
12 59 13 00-0075	EA	34" Three-Way 90 Degree Panel Connector Hardware	62.41	7.09
12 59 13 00-0076	EA	42" Three-Way 90 Degree Panel Connector Hardware	72.33	8.23
12 59 13 00-0077	EA	62" Three-Way 90 Degree Panel Connector Hardware	84.00	9.55
12 59 13 00-0078	EA	34" Four-Way 90 Degree Panel Connector Hardware	78.74	8.95
12 59 13 00-0079	EA	42" Four-Way 90 Degree Panel Connector Hardware	92.17	10.48
12 59 13 00-0080	EA	62" Four-Way 90 Degree Panel Connector Hardware	110.82	12.60
12 59 13 00-0081	EA	34" Panel End Cap Hardware	13.41	1.52
12 59 13 00-0082	EA	42" Panel End Cap Hardware	15.16	1.73
12 59 13 00-0083	EA	62" Panel End Cap Hardware	16.34	1.86
12 59 13 00-0084	EA	28" Variable Height Panel End Filler Note: Field cut to appropriate length.	14.80	1.73
12 59 13 00-0085	EA	Two-Way Trim Cover For Cable Management Raceway	7.62	0.86
12 59 13 00-0086	EA	Three-Way Trim Cover For Cable Management Raceway	8.04	0.93
12 59 13 00-0087	EA	Four-Way Trim Cover For Cable Management Raceway	9.30	1.06
12 59 13 00-0088	EA	Finished End Trim Cover For Cable Management Raceway	7.62	0.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0089	EA	12" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	15.65	1.79
12 59 13 00-0090	EA	24" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	17.77	1.99
12 59 13 00-0091	EA	30" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	18.18	2.06
12 59 13 00-0092	EA	36" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	20.30	2.32
12 59 13 00-0093	EA	48" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	22.83	2.59
12 59 13 00-0094	EA	24" x 36" Radiused Edge Rectangular Hanging Work Surface	122.81	13.93
12 59 13 00-0095	EA	30" x 36" Radiused Edge Rectangular Hanging Work Surface	151.28	17.18
12 59 13 00-0096	EA	24" x 48" Radiused Edge Rectangular Hanging Work Surface	142.79	16.25
12 59 13 00-0097	EA	30" x 48" Radiused Edge Rectangular Hanging Work Surface	178.50	20.30
12 59 13 00-0098	EA	24" x 60" Radiused Edge Rectangular Hanging Work Surface	180.18	20.50
12 59 13 00-0099	EA	30" x 60" Radiused Edge Rectangular Hanging Work Surface	226.94	25.86
12 59 13 00-0100	EA	24" x 72" Radiused Edge Rectangular Hanging Work Surface	218.85	24.87
12 59 13 00-0101	EA	30" x 72" Radiused Edge Rectangular Hanging Work Surface	274.94	31.24
12 59 13 00-0102	EA	30" x 60" Radiused Edge Table	488.41	55.58
12 59 13 00-0103	EA	30" x 72" Radiused Edge Table	533.76	60.76
12 59 13 00-0104	EA	14" x 24" Radiused Edge Transaction Surface	58.65	6.70
12 59 13 00-0105	EA	14" x 36" Radiused Edge Transaction Surface	66.71	7.56
12 59 13 00-0106	EA	14" x 48" Radiused Edge Transaction Surface	74.79	8.49
12 59 13 00-0107	EA	14" x 60" Radiused Edge Transaction Surface	93.06	10.61
12 59 13 00-0108	EA	14" x 72" Radiused Edge Transaction Surface	111.76	12.73
12 59 13 00-0109	EA	14" Right Angle Corner Transaction Surface	195.49	22.22
12 59 13 00-0110	EA	Transaction Surface Support	15.48	1.76
12 59 13 00-0111	EA	Plastic Pencil Drawer	16.78	1.73
12 59 13 00-0112	EA	15-1/2" x 24" Hanging Shelf	57.10	6.50
12 59 13 00-0113	EA	15-1/2" x 36" Hanging Shelf	62.16	7.03
12 59 13 00-0114	EA	15-1/2" x 48" Hanging Shelf	66.39	7.56
12 59 13 00-0115	EA	24" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	98.53	11.21
12 59 13 00-0116	EA	36" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	115.02	13.13
12 59 13 00-0117	EA	48" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	131.94	14.99
12 59 13 00-0118	EA	24" Suspended Lateral File, Lockable	339.60	38.44
12 59 13 00-0119	EA	30" Suspended Lateral File, Lockable	358.68	40.59
12 59 13 00-0120	EA	36" Suspended Lateral File, Lockable	378.46	42.83
12 59 13 00-0121	EA	48" Suspended Lateral File, Lockable	413.92	46.84
12 59 13 00-0122	EA	Fully Adjustable Vinyl Keyboard Tray	153.94	17.51
12 59 13 00-0123	EA	Palm Rest For Vinyl Keyboard Tray	24.09	2.79
12 59 13 00-0124	EA	24" x 36" Radiused Edge Corner Work Surface	194.49	22.15
12 59 13 00-0125	EA	File Drawer Organizer	62.59	7.09
12 59 13 00-0126	EA	Suspended Lateral File Converter Bracket	13.53	1.52
12 59 13 00-0127	EA	Utility Task Light	67.66	7.70

12 59 13 00-0128 Disassemble And Store Systems Furniture Components *(12 59 13)*

12 59 13 00-0129	EA	Disassemble And Store 34H 24W Fabric Covered Panel	22.79	
12 59 13 00-0130	EA	Disassemble And Store 34H 30W Fabric Covered Panel	25.33	
12 59 13 00-0131	EA	Disassemble And Store 34H 36W Fabric Covered Panel	27.09	
12 59 13 00-0132	EA	Disassemble And Store 34H 48W Fabric Covered Panel	30.35	
12 59 13 00-0133	EA	Disassemble And Store 42H 24W Fabric Covered Panel	23.16	
12 59 13 00-0134	EA	Disassemble And Store 42H 30W Fabric Covered Panel	26.18	
12 59 13 00-0135	EA	Disassemble And Store 42H 36W Fabric Covered Panel	29.33	
12 59 13 00-0136	EA	Disassemble And Store 42H 48W Fabric Covered Panel	34.46	
12 59 13 00-0137	EA	Disassemble And Store 62H 12W Fabric Covered Panel	22.30	
12 59 13 00-0138	EA	Disassemble And Store 62H 24W Fabric Covered Panel	27.45	
12 59 13 00-0139	EA	Disassemble And Store 62H 36W Fabric Covered Panel	34.34	
12 59 13 00-0140	EA	Disassemble And Store 62H 48W Fabric Covered Panel	41.12	
12 59 13 00-0141	EA	Disassemble And Store 34" Draw Rod Panel Connector Hardware	1.24	
12 59 13 00-0142	EA	Disassemble And Store 42" Draw Rod Panel Connector Hardware	1.24	
12 59 13 00-0143	EA	Disassemble And Store 62" Draw Rod Panel Connector Hardware	1.32	
12 59 13 00-0144	EA	Disassemble And Store 34" Two-Way 90 Degree Panel Connector Hardware	5.73	
12 59 13 00-0145	EA	Disassemble And Store 42" Two-Way 90 Degree Panel Connector Hardware	6.64	
12 59 13 00-0146	EA	Disassemble And Store 62" Two-Way 90 Degree Panel Connector Hardware	7.64	
12 59 13 00-0147	EA	Disassemble And Store 34" Three-Way 90 Degree Panel Connector Hardware	8.88	
12 59 13 00-0148	EA	Disassemble And Store 42" Three-Way 90 Degree Panel Connector Hardware	10.29	
12 59 13 00-0149	EA	Disassemble And Store 62" Three-Way 90 Degree Panel Connector Hardware	11.95	
12 59 13 00-0150	EA	Disassemble And Store 34" Four-Way 90 Degree Panel Connector Hardware	11.21	
12 59 13 00-0151	EA	Disassemble And Store 42" Four-Way 90 Degree Panel Connector Hardware	13.11	
12 59 13 00-0152	EA	Disassemble And Store 62" Four-Way 90 Degree Panel Connector Hardware	15.77	
12 59 13 00-0153	EA	Disassemble And Store 34" Panel End Cap Hardware	1.91	
12 59 13 00-0154	EA	Disassemble And Store 42" Panel End Cap Hardware	2.16	
12 59 13 00-0155	EA	Disassemble And Store 62" Panel End Cap Hardware	2.33	
12 59 13 00-0156	EA	Disassemble And Store Variable Height Panel End Filler	2.11	
12 59 13 00-0157	EA	Disassemble And Store Two-Way Trim Cover For Cable Management Raceway	1.08	
12 59 13 00-0158	EA	Disassemble And Store Three-Way Trim Cover For Cable Management Raceway	1.14	
12 59 13 00-0159	EA	Disassemble And Store Four-Way Trim Cover For Cable Management Raceway	1.32	
12 59 13 00-0160	EA	Disassemble And Store Finished End Trim Cover For Cable Management Raceway	1.08	
12 59 13 00-0161	EA	Disassemble And Store 12" Cable Management Raceway Assembly	2.23	
12 59 13 00-0162	EA	Disassemble And Store 24" Cable Management Raceway Assembly	2.53	
12 59 13 00-0163	EA	Disassemble And Store 30" Cable Management Raceway Assembly	2.59	
12 59 13 00-0164	EA	Disassemble And Store 36" Cable Management Raceway Assembly	2.89	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0165	EA	Disassemble And Store 48" Cable Management Raceway Assembly	3.25	
12 59 13 00-0166	EA	Disassemble And Store 24" x 36" Radiused Edge Rectangular Hanging Work Surface	17.47	
12 59 13 00-0167	EA	Disassemble And Store 30" x 36" Radiused Edge Rectangular Hanging Work Surface	21.52	
12 59 13 00-0168	EA	Disassemble And Store 24" x 48" Radiused Edge Rectangular Hanging Work Surface	20.32	
12 59 13 00-0169	EA	Disassemble And Store 30" x 48" Radiused Edge Rectangular Hanging Work Surface	25.39	
12 59 13 00-0170	EA	Disassemble And Store 24" x 60" Radiused Edge Rectangular Hanging Work Surface	25.63	
12 59 13 00-0171	EA	Disassemble And Store 30" x 60" Radiused Edge Rectangular Hanging Work Surface	32.29	
12 59 13 00-0172	EA	Disassemble And Store 24" x 72" Radiused Edge Rectangular Hanging Work Surface	31.13	
12 59 13 00-0173	EA	Disassemble And Store 30" x 72" Radiused Edge Rectangular Hanging Work Surface	39.12	
12 59 13 00-0174	EA	Disassemble And Store 30" x 60" Radiused Edge Table	60.41	
12 59 13 00-0175	EA	Disassemble And Store 30" x 72" Radiused Edge Table	75.92	
12 59 13 00-0176	EA	Disassemble And Store 14" x 24" Radiused Edge Transaction Surface	8.35	
12 59 13 00-0177	EA	Disassemble And Store 14" x 36" Radiused Edge Transaction Surface	9.49	
12 59 13 00-0178	EA	Disassemble And Store 14" x 48" Radiused Edge Transaction Surface	10.64	
12 59 13 00-0179	EA	Disassemble And Store 14" x 60" Radiused Edge Transaction Surface	13.24	
12 59 13 00-0180	EA	Disassemble And Store 14" x 72" Radiused Edge Transaction Surface	15.90	
12 59 13 00-0181	EA	Disassemble And Store 14" Right Angle Corner Transaction Surface	27.81	
12 59 13 00-0182	EA	Disassemble And Store Transaction Surface Support	2.20	
12 59 13 00-0183	EA	Disassemble And Store Plastic Pencil Drawer	2.17	
12 59 13 00-0184	EA	Disassemble And Store 15-1/2" x 24" Hanging Shelf	8.13	
12 59 13 00-0185	EA	Disassemble And Store 15-1/2" x 36" Hanging Shelf	8.84	
12 59 13 00-0186	EA	Disassemble And Store 15-1/2" x 48" Hanging Shelf	9.45	
12 59 13 00-0187	EA	Disassemble And Store 24" Flipper Door And Shelf	14.02	
12 59 13 00-0188	EA	Disassemble And Store 36" Flipper Door And Shelf	16.36	
12 59 13 00-0189	EA	Disassemble And Store 48" Flipper Door And Shelf	18.77	
12 59 13 00-0190	EA	Disassemble And Store 24" Suspended Lateral File	48.05	
12 59 13 00-0191	EA	Disassemble And Store 30" Suspended Lateral File	50.74	
12 59 13 00-0192	EA	Disassemble And Store 36" Suspended Lateral File	53.54	
12 59 13 00-0193	EA	Disassemble And Store 48" Suspended Lateral File	58.56	
12 59 13 00-0194	EA	Disassemble And Store Fully Adjustable Vinyl Keyboard Tray	21.90	
12 59 13 00-0195	EA	Disassemble And Store 24" x 36" Radiused Edge Corner Work Surface	27.67	
12 59 13 00-0196	EA	Disassemble And Store Utility Task Light	9.62	

12 59 13 00-0197 Reconfigure Systems Furniture Components *(12 59 13)*

12 59 13 00-0198	EA	Reconfigure 34H 24W Fabric Covered Panel	24.30	
12 59 13 00-0199	EA	Reconfigure 34H 30W Fabric Covered Panel	27.01	
12 59 13 00-0200	EA	Reconfigure 34H 36W Fabric Covered Panel	28.87	
12 59 13 00-0201	EA	Reconfigure 34H 48W Fabric Covered Panel	32.36	
12 59 13 00-0202	EA	Reconfigure 42H 24W Fabric Covered Panel	24.68	
12 59 13 00-0203	EA	Reconfigure 42H 30W Fabric Covered Panel	27.91	
12 59 13 00-0204	EA	Reconfigure 42H 36W Fabric Covered Panel	31.26	
12 59 13 00-0205	EA	Reconfigure 42H 48W Fabric Covered Panel	36.74	
12 59 13 00-0206	EA	Reconfigure 62H 12W Fabric Covered Panel	23.79	
12 59 13 00-0207	EA	Reconfigure 62H 24W Fabric Covered Panel	29.27	
12 59 13 00-0208	EA	Reconfigure 62H 36W Fabric Covered Panel	36.61	
12 59 13 00-0209	EA	Reconfigure 62H 48W Fabric Covered Panel	43.83	
12 59 13 00-0210	EA	Reconfigure 34" Draw Rod Panel Connector Hardware	1.32	
12 59 13 00-0211	EA	Reconfigure 42" Draw Rod Panel Connector Hardware	1.32	
12 59 13 00-0212	EA	Reconfigure 62" Draw Rod Panel Connector Hardware	1.41	
12 59 13 00-0213	EA	Reconfigure 34" Two-Way 90 Degree Panel Connector Hardware	6.10	
12 59 13 00-0214	EA	Reconfigure 42" Two-Way 90 Degree Panel Connector Hardware	7.08	
12 59 13 00-0215	EA	Reconfigure 62" Two-Way 90 Degree Panel Connector Hardware	8.14	
12 59 13 00-0216	EA	Reconfigure 34" Three-Way 90 Degree Panel Connector Hardware	9.47	
12 59 13 00-0217	EA	Reconfigure 42" Three-Way 90 Degree Panel Connector Hardware	10.98	
12 59 13 00-0218	EA	Reconfigure 62" Three-Way 90 Degree Panel Connector Hardware	12.74	
12 59 13 00-0219	EA	Reconfigure 34" Four-Way 90 Degree Panel Connector Hardware	11.95	
12 59 13 00-0220	EA	Reconfigure 42" Four-Way 90 Degree Panel Connector Hardware	13.98	
12 59 13 00-0221	EA	Reconfigure 62" Four-Way 90 Degree Panel Connector Hardware	16.82	
12 59 13 00-0222	EA	Reconfigure 34" Panel End Cap Hardware	2.04	
12 59 13 00-0223	EA	Reconfigure 42" Panel End Cap Hardware	2.30	
12 59 13 00-0224	EA	Reconfigure 62" Panel End Cap Hardware	2.48	
12 59 13 00-0225	EA	Reconfigure Variable Height Panel End Filler	2.25	
12 59 13 00-0226	EA	Reconfigure Two-Way Trim Cover For Cable Management Raceway	1.15	
12 59 13 00-0227	EA	Reconfigure Three-Way Trim Cover For Cable Management Raceway	1.21	
12 59 13 00-0228	EA	Reconfigure Four-Way Trim Cover For Cable Management Raceway	1.41	
12 59 13 00-0229	EA	Reconfigure Finished End Trim Cover For Cable Management Raceway	1.15	
12 59 13 00-0230	EA	Reconfigure 12" Cable Management Raceway Assembly	2.38	
12 59 13 00-0231	EA	Reconfigure 24" Cable Management Raceway Assembly	2.70	
12 59 13 00-0232	EA	Reconfigure 30" Cable Management Raceway Assembly	2.76	
12 59 13 00-0233	EA	Reconfigure 36" Cable Management Raceway Assembly	3.08	
12 59 13 00-0234	EA	Reconfigure 48" Cable Management Raceway Assembly	3.46	
12 59 13 00-0235	EA	Reconfigure 24" x 36" Radiused Edge Rectangular Hanging Work Surface	18.63	
12 59 13 00-0236	EA	Reconfigure 30" x 36" Radiused Edge Rectangular Hanging Work Surface	22.95	
12 59 13 00-0237	EA	Reconfigure 24" x 48" Radiused Edge Rectangular Hanging Work Surface	21.66	
12 59 13 00-0238	EA	Reconfigure 30" x 48" Radiused Edge Rectangular Hanging Work Surface	27.07	
12 59 13 00-0239	EA	Reconfigure 24" x 60" Radiused Edge Rectangular Hanging Work Surface	27.33	
12 59 13 00-0240	EA	Reconfigure 30" x 60" Radiused Edge Rectangular Hanging Work Surface	34.42	
12 59 13 00-0241	EA	Reconfigure 24" x 72" Radiused Edge Rectangular Hanging Work Surface	33.20	
12 59 13 00-0242	EA	Reconfigure 30" x 72" Radiused Edge Rectangular Hanging Work Surface	41.71	
12 59 13 00-0243	EA	Reconfigure 30" x 60" Radiused Edge Table	74.09	
12 59 13 00-0244	EA	Reconfigure 30" x 72" Radiused Edge Table	80.97	
12 59 13 00-0245	EA	Reconfigure 14" x 24" Radiused Edge Transaction Surface	8.90	
12 59 13 00-0246	EA	Reconfigure 14" x 36" Radiused Edge Transaction Surface	10.12	
12 59 13 00-0247	EA	Reconfigure 14" x 48" Radiused Edge Transaction Surface	11.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0248	EA	Reconfigure 14" x 60" Radiused Edge Transaction Surface	14.12	
12 59 13 00-0249	EA	Reconfigure 14" x 72" Radiused Edge Transaction Surface	16.96	
12 59 13 00-0250	EA	Reconfigure 14" Right Angle Corner Transaction Surface	29.66	
12 59 13 00-0251	EA	Reconfigure Transaction Surface Support	2.34	
12 59 13 00-0252	EA	Reconfigure 15-1/2" x 24" Hanging Shelf	8.66	
12 59 13 00-0253	EA	Reconfigure 15-1/2" x 36" Hanging Shelf	9.43	
12 59 13 00-0254	EA	Reconfigure 15-1/2" x 48" Hanging Shelf	10.07	
12 59 13 00-0255	EA	Reconfigure 24" Flipper Door And Shelf	14.95	
12 59 13 00-0256	EA	Reconfigure 36" Flipper Door And Shelf	17.45	
12 59 13 00-0257	EA	Reconfigure 48" Flipper Door And Shelf	20.02	
12 59 13 00-0258	EA	Reconfigure 24" Suspended Lateral File	51.25	
12 59 13 00-0259	EA	Reconfigure 30" Suspended Lateral File	54.13	
12 59 13 00-0260	EA	Reconfigure 36" Suspended Lateral File	57.12	
12 59 13 00-0261	EA	Reconfigure 48" Suspended Lateral File	62.47	
12 59 13 00-0262	EA	Reconfigure 24" x 36" Radiused Edge Corner Work Surface	29.50	

12 59 16 Free-Standing Component System Furniture *(12 59)*

12 59 16 00-0001 Furniture, Office Systems *(12 59 16)*

12 59 16 00-0002	EA	Desk Top, 24" Deep x 48" Wide	358.41	
12 59 16 00-0003	EA	Desk Top, 30" Deep x 48" Wide	447.55	
12 59 16 00-0004	EA	Desk Top, 30" Deep x 60" Wide	513.99	
12 59 16 00-0005	EA	Desk Top, 30" Deep x 72" Wide	546.29	
12 59 16 00-0006	EA	File, Mobile, 2-Drawer, 22" Deep	473.60	
12 59 16 00-0007	EA	File, Suspended, 2-Drawer, 22" Deep	404.10	
12 59 16 00-0008	EA	File, Undercounter, 2-Drawer, 22" Deep	463.13	
12 59 16 00-0009	EA	File, Undercounter, 2 Box, 1 File, 22" Deep	487.96	
12 59 16 00-0010	EA	Keyboard Platform With Articulating Arm	256.38	
12 59 16 00-0011	EA	End Support Leg	181.60	
12 59 16 00-0012	EA	Modesty Panel, 48" Wide	82.45	
12 59 16 00-0013	EA	Modesty Panel, Return	89.82	
12 59 16 00-0014	EA	Pencil/Utility Drawer	141.87	
12 59 16 00-0015	EA	Privacy Screen, 48" Wide x 17-20" High	240.00	
12 59 16 00-0016	EA	Privacy Screen, 72" Wide x 17-20" High	337.63	
12 59 16 00-0017	EA	Printer Stand, 30" Deep x 36" Wide	506.96	
12 59 16 00-0018	EA	Printer Stand, Universal	659.37	
12 59 16 00-0019	EA	Paper Basket	60.00	
12 59 16 00-0020	EA	Storage Unit With Doors, 60" Wide	782.47	
12 59 16 00-0021	EA	Storage Unit With Doors, 72" Wide	945.70	
12 59 16 00-0022	EA	Table, Peninsula, 30" x 72"	528.50	
12 59 16 00-0023	EA	Return Table, 24" x 48"	401.62	
12 59 16 00-0024	EA	Round Conference Return, 42" Diameter	449.08	
12 59 16 00-0025	EA	Work Surface, 24" Deep x 48" Wide	277.13	
12 59 16 00-0026	EA	Work Surface, 30" Deep x 30" Wide	262.08	
12 59 16 00-0027	EA	Work Surface, 30" Deep x 60" Wide	369.14	
12 59 16 00-0028	EA	Work Surface, 30" Deep x 72" Wide	387.56	
12 59 16 00-0029	EA	Corner Bridge, 30" x 42"	405.35	
12 59 16 00-0030	EA	Peninsula, 30" x 60"	575.17	
12 59 16 00-0031	EA	Connector Plate	14.98	

12 59 16 00-0032 Herman Miller Systems Furniture *(12 59 16)*

12 59 16 00-0033 Herman Miller Systems Furniture *(12 59 16 00-0032)*

12 59 16 00-0034	EA	Series 1 Panel Camel 34H 24W Herman Miller, AO120.3424-LN-V3827	160.21	18.24
		For Owner Furnished Material, Deduct	*-114.64*	
12 59 16 00-0035	EA	Series 1 Panel Camel 34H 30W Herman Miller, AO120.3430-LN-V3827	178.07	20.30
		For Owner Furnished Material, Deduct	*-127.42*	
12 59 16 00-0036	EA	Series 1 Panel Camel 34H 36W Herman Miller, AO120.3436-LN-V3827	190.40	21.62
		For Owner Furnished Material, Deduct	*-136.24*	
12 59 16 00-0037	EA	Series 1 Panel Camel 34H 48W Herman Miller, AO120.3448-LN-V3827	213.33	24.28
		For Owner Furnished Material, Deduct	*-152.66*	
12 59 16 00-0038	EA	Series 1 Panel Camel 42H 24W Herman Miller, AO120.4224-LN-V3827	162.76	18.50
		For Owner Furnished Material, Deduct	*-116.47*	
12 59 16 00-0039	EA	Series 1 Panel Camel 42H 30W Herman Miller, AO120.4230-LN-V3827	184.00	20.89
		For Owner Furnished Material, Deduct	*-131.68*	
12 59 16 00-0040	EA	Series 1 Panel Camel 42H 36W Herman Miller, AO120.4236-LN-V3827	206.10	23.48
		For Owner Furnished Material, Deduct	*-147.49*	
12 59 16 00-0041	EA	Series 1 Panel Camel 42H 48W Herman Miller, AO120.4248-LN-V3827	242.23	27.53
		For Owner Furnished Material, Deduct	*-173.34*	
12 59 16 00-0042	EA	Series 1 Panel Camel 62H 12W Herman Miller, AO130.6212-LN-V3827	156.81	17.84
		For Owner Furnished Material, Deduct	*-112.21*	
12 59 16 00-0043	EA	Series 1 Panel Terra Cotta 62H 12W Herman Miller, AO130.6212-LN-V3850	156.81	17.84
		For Owner Furnished Material, Deduct	*-112.21*	
12 59 16 00-0044	EA	Series 1 Panel Camel 62H 24W Herman Miller, AO130.6224-LN-V3827	192.94	21.95
		For Owner Furnished Material, Deduct	*-138.07*	
12 59 16 00-0045	EA	Series 1 Panel Terra Cotta 62H 24W Herman Miller, AO130.6224-LN-V3850	192.94	21.95
		For Owner Furnished Material, Deduct	*-138.07*	
12 59 16 00-0046	EA	Series 1 Panel Camel 62H 36W Herman Miller, AO130.6236-LN-V3827	241.41	27.46
		For Owner Furnished Material, Deduct	*-172.74*	
12 59 16 00-0047	EA	Series 1 Panel Terra Cotta 62H 36W Herman Miller, AO130.6236-LN-V3850	241.41	27.46
		For Owner Furnished Material, Deduct	*-172.74*	
12 59 16 00-0048	EA	Series 1 Panel Camel 62H 48W Herman Miller, AO130.6248-LN-V3827	288.97	32.83
		For Owner Furnished Material, Deduct	*-206.80*	
12 59 16 00-0049	EA	Series 1 Panel Hardware Panel Connector - 34" Herman Miller, AO215.34	8.75	0.99
		For Owner Furnished Material, Deduct	*-6.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0050	EA	Series 1 Panel Hardware Panel Connector - 42" Herman Miller, AO215.42	8.75	0.99
		For Owner Furnished Material, Deduct	*-6.26*	
12 59 16 00-0051	EA	Series 1 Panel Hardware Panel Connector - 62" Herman Miller, AO215.62	9.34	1.06
		For Owner Furnished Material, Deduct	*-6.68*	
12 59 16 00-0052	EA	Series 1 Panel Hardware 34" Two-Way 90 Herman Miller, AO220.34-LN	40.25	4.58
		For Owner Furnished Material, Deduct	*-28.80*	
12 59 16 00-0053	EA	Series 1 Panel Hardware 42" Two-Way 90 Herman Miller, AO220.42-LN	46.66	5.31
		For Owner Furnished Material, Deduct	*-33.39*	
12 59 16 00-0054	EA	Series 1 Panel Hardware 62" Two-Way 90 Herman Miller, AO220.62-LN	53.66	6.10
		For Owner Furnished Material, Deduct	*-38.40*	
12 59 16 00-0055	EA	Series 1 Panel Hardware 34" Three-Way 90 Herman Miller, AO230.34-LN	62.41	7.09
		For Owner Furnished Material, Deduct	*-44.66*	
12 59 16 00-0056	EA	Series 1 Panel Hardware 42" Three-Way 90 Herman Miller, AO230.42-LN	72.33	8.23
		For Owner Furnished Material, Deduct	*-51.76*	
12 59 16 00-0057	EA	Series 1 Panel Hardware 62" Three-Way 90 Herman Miller, AO230.62-LN	84.00	9.55
		For Owner Furnished Material, Deduct	*-60.11*	
12 59 16 00-0058	EA	Series 1 Panel Hardware 34" Four-Way 90 Herman Miller, AO240.34-LN	78.74	8.95
		For Owner Furnished Material, Deduct	*-56.35*	
12 59 16 00-0059	EA	Series 1 Panel Hardware 42" Four-Way 90 Herman Miller, AO240.42-LN	92.17	10.48
		For Owner Furnished Material, Deduct	*-65.95*	
12 59 16 00-0060	EA	Series 1 Panel Hardware 62" Four-Way 90 Herman Miller, AO240.62-LN	110.82	12.60
		For Owner Furnished Material, Deduct	*-79.31*	
12 59 16 00-0061	EA	Series 1 Panel Hardware Panel End Cap-34" Herman Miller, AO250.34-LN	13.41	1.52
		For Owner Furnished Material, Deduct	*-9.60*	
12 59 16 00-0062	EA	Series 1 Panel Hardware Panel End Cap-42" Herman Miller, AO250.42-LN	15.16	1.73
		For Owner Furnished Material, Deduct	*-10.85*	
12 59 16 00-0063	EA	Series 1 Panel Hardware Panel End Cap-62" Herman Miller, AO250.62-LN	16.34	1.86
		For Owner Furnished Material, Deduct	*-11.69*	
12 59 16 00-0064	EA	Series 1 Panel Hardware Variable Height Filler Herman Miller, AO259.LN	14.80	1.73
		For Owner Furnished Material, Deduct	*-10.59*	
12 59 16 00-0065	EA	Series 1 Cable Management Two-Way Trim Cover Herman Miller, AO362.2-DT	7.62	0.86
		For Owner Furnished Material, Deduct	*-5.45*	
12 59 16 00-0066	EA	Series 1 Cable Management Three-Way Trim Cover Herman Miller, AO362.3-DT	8.04	0.93
		For Owner Furnished Material, Deduct	*-5.75*	
12 59 16 00-0067	EA	Series 1 Cable Management Four-Way Trim Cover Herman Miller, AO362.4-DT	9.30	1.06
		For Owner Furnished Material, Deduct	*-6.65*	
12 59 16 00-0068	EA	Series 1 Cable Management End Cap Trim Cover Herman Miller, AO363-DT	7.62	0.86
		For Owner Furnished Material, Deduct	*-5.45*	
12 59 16 00-0069	EA	Series 1 Cable Management Assembly 12" Herman Miller, AO380.12-DT	15.65	1.79
		For Owner Furnished Material, Deduct	*-11.20*	
12 59 16 00-0070	EA	Series 1 Cable Management Assembly 24" Herman Miller, AO380.24-DT	17.77	1.99
		For Owner Furnished Material, Deduct	*-12.71*	
12 59 16 00-0071	EA	Series 1 Cable Management Assembly 30" Herman Miller, AO380.30-DT	18.18	2.06
		For Owner Furnished Material, Deduct	*-13.01*	
12 59 16 00-0072	EA	Series 1 Cable Management Assembly 36" Herman Miller, AO380.36-DT	20.30	2.32
		For Owner Furnished Material, Deduct	*-14.53*	
12 59 16 00-0073	EA	Series 1 Cable Management Assembly 48" Herman Miller, AO380.48-DT	22.83	2.59
		For Owner Furnished Material, Deduct	*-16.34*	
12 59 16 00-0074	EA	Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-M8-DT	122.81	13.93
		For Owner Furnished Material, Deduct	*-87.88*	
12 59 16 00-0075	EA	Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-OL-DT	122.81	13.93
		For Owner Furnished Material, Deduct	*-87.88*	
12 59 16 00-0076	EA	Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-M8-DT	151.28	17.18
		For Owner Furnished Material, Deduct	*-108.26*	
12 59 16 00-0077	EA	Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-OL-DT	151.28	17.18
		For Owner Furnished Material, Deduct	*-108.26*	
12 59 16 00-0078	EA	Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-M8-DT	142.79	16.25
		For Owner Furnished Material, Deduct	*-102.18*	
12 59 16 00-0079	EA	Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-OL-DT	142.79	16.25
		For Owner Furnished Material, Deduct	*-102.18*	
12 59 16 00-0080	EA	Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-M8-DT	178.50	20.30
		For Owner Furnished Material, Deduct	*-127.73*	
12 59 16 00-0081	EA	Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-OL-DT	178.50	20.30
		For Owner Furnished Material, Deduct	*-127.73*	
12 59 16 00-0082	EA	Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-M8-DT	180.18	20.50
		For Owner Furnished Material, Deduct	*-128.94*	
12 59 16 00-0083	EA	Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-OL-DT	180.18	20.50
		For Owner Furnished Material, Deduct	*-128.94*	
12 59 16 00-0084	EA	Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-M8-DT	226.94	25.86
		For Owner Furnished Material, Deduct	*-162.40*	
12 59 16 00-0085	EA	Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-OL-DT	226.94	25.86
		For Owner Furnished Material, Deduct	*-162.40*	
12 59 16 00-0086	EA	Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-M8-DT	218.85	24.87
		For Owner Furnished Material, Deduct	*-156.61*	
12 59 16 00-0087	EA	Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-OL-DT	218.85	24.87
		For Owner Furnished Material, Deduct	*-156.61*	
12 59 16 00-0088	EA	Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-M8-DT	274.94	31.24
		For Owner Furnished Material, Deduct	*-196.76*	
12 59 16 00-0089	EA	Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-OL-DT	274.94	31.24
		For Owner Furnished Material, Deduct	*-196.76*	
12 59 16 00-0090	EA	Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-M8-DT	424.61	48.29
		For Owner Furnished Material, Deduct	*-303.84*	
12 59 16 00-0091	EA	Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-OL-DT	488.41	55.58
		For Owner Furnished Material, Deduct	*-349.53*	
12 59 16 00-0092	EA	Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-M8-DT	463.88	52.73
		For Owner Furnished Material, Deduct	*-331.97*	
12 59 16 00-0093	EA	Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-OL-DT	533.76	60.76
		For Owner Furnished Material, Deduct	*-381.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0094	EA	Counter Cap 24" Herman Miller, AO450.1424-M8-DT	58.65	6.70
		For Owner Furnished Material, Deduct	*-41.97*	
12 59 16 00-0095	EA	Counter Cap 24" Herman Miller, AO450.1424-OL-DT	58.65	6.70
		For Owner Furnished Material, Deduct	*-41.97*	
12 59 16 00-0096	EA	Counter Cap 36" Herman Miller, AO450.1436-M8-DT	66.71	7.56
		For Owner Furnished Material, Deduct	*-47.74*	
12 59 16 00-0097	EA	Counter Cap 36" Herman Miller, AO450.1436-OL-DT	66.71	7.56
		For Owner Furnished Material, Deduct	*-47.74*	
12 59 16 00-0098	EA	Counter Cap 48" Herman Miller, AO450.1448-M8-DT	74.79	8.49
		For Owner Furnished Material, Deduct	*-53.52*	
12 59 16 00-0099	EA	Counter Cap 48" Herman Miller, AO450.1448-OL-DT	74.79	8.49
		For Owner Furnished Material, Deduct	*-53.52*	
12 59 16 00-0100	EA	Counter Cap 60" Herman Miller, AO450.1460-M8-DT	93.06	10.61
		For Owner Furnished Material, Deduct	*-66.59*	
12 59 16 00-0101	EA	Counter Cap 60" Herman Miller, AO450.1460-OL-DT	93.06	10.61
		For Owner Furnished Material, Deduct	*-66.59*	
12 59 16 00-0102	EA	Counter Cap 72" Herman Miller, AO450.1472-M8-DT	111.76	12.73
		For Owner Furnished Material, Deduct	*-79.98*	
12 59 16 00-0103	EA	Counter Cap 72" Herman Miller, AO450.1472-OL-DT	111.76	12.73
		For Owner Furnished Material, Deduct	*-79.98*	
12 59 16 00-0104	EA	Corner Counter Cap (Right Angle) Herman Miller, AO653-M8-DT	195.49	22.22
		For Owner Furnished Material, Deduct	*-139.89*	
12 59 16 00-0105	EA	Corner Counter Cap (Right Angle) Herman Miller, AO653-OL-DT	195.49	22.22
		For Owner Furnished Material, Deduct	*-139.89*	
12 59 16 00-0106	EA	Pencil Drawer Herman Miller, AO480.DT	16.78	1.73
		For Owner Furnished Material, Deduct	*-12.45*	
12 59 16 00-0107	EA	Shelf 24" Herman Miller, AO520.1324-LN	57.10	6.50
		For Owner Furnished Material, Deduct	*-40.86*	
12 59 16 00-0108	EA	Shelf 36" Herman Miller, AO520.1336-LN	62.16	7.03
		For Owner Furnished Material, Deduct	*-44.48*	
12 59 16 00-0109	EA	Shelf 48" Herman Miller, AO520.1348-LN	66.39	7.56
		For Owner Furnished Material, Deduct	*-47.51*	
12 59 16 00-0110	EA	Flipper Door 24" (Keyed Between UM 226 and UM300) Herman Miller, AO550.1324-LN-V3860	98.53	11.21
		For Owner Furnished Material, Deduct	*-70.51*	
12 59 16 00-0111	EA	Flipper Door 36" (Keyed Between UM 226 and UM300) Herman Miller, AO550.1336-LN-V3860	115.02	13.13
		For Owner Furnished Material, Deduct	*-82.31*	
12 59 16 00-0112	EA	Flipper Door 48" (Keyed Between UM 226 and UM300) Herman Miller, AO550.1348-LN-V3860	131.94	14.99
		For Owner Furnished Material, Deduct	*-94.42*	
12 59 16 00-0113	EA	Vinyl Keyboard Tray (Fully Adjustable) Herman Miller, G7715.BU	153.94	17.51
		For Owner Furnished Material, Deduct	*-110.16*	
12 59 16 00-0114	EA	Palm Rest For Vinyl Keyboard Tray Herman Miller, G7790	24.09	2.79
		For Owner Furnished Material, Deduct	*-17.24*	
12 59 16 00-0115	EA	Drawer Ped. Loop Pull Stationary 24D File/File Herman Miller, PEDDIFF24	276.67	31.44
		For Owner Furnished Material, Deduct	*-197.97*	
12 59 16 00-0116	EA	Drawer Ped. Loop Pull Stationary 24D Box /Box/File Herman Miller, PEDDIBBF24	286.65	32.64
		For Owner Furnished Material, Deduct	*-205.13*	
12 59 16 00-0117	EA	Stationary Divider Herman Miller, G5911.19	62.59	7.09
		For Owner Furnished Material, Deduct	*-44.79*	
12 59 16 00-0118	EA	Utility Tray, Herman Miller, G5912	8.04	0.93
		For Owner Furnished Material, Deduct	*-5.75*	
12 59 16 00-0119	EA	File Converter Herman Miller, G5913	13.53	1.52
		For Owner Furnished Material, Deduct	*-9.68*	
12 59 16 00-0120	EA	Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-M8-DT	194.49	22.15
		For Owner Furnished Material, Deduct	*-139.18*	
12 59 16 00-0121	EA	Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-OL-DT	194.49	22.15
		For Owner Furnished Material, Deduct	*-139.18*	
12 59 16 00-0122	EA	Task Light Herman Miller, G6130.24M-LN	67.66	7.70
		For Owner Furnished Material, Deduct	*-48.42*	
12 59 16 00-0123	EA	48" Round With Steel X Base Herman Miller	523.33	59.57
		For Owner Furnished Material, Deduct	*-374.48*	
12 59 16 00-0124	EA	Double Sided Name Plate Herman Miller, MISCPAO375OBKO	26.64	3.05
		For Owner Furnished Material, Deduct	*-19.07*	
12 59 16 00-0125	EA	Single Sided Name Plate Herman Miller, MISCPAO376OBKO	11.65	1.32
		For Owner Furnished Material, Deduct	*-8.34*	

12 59 16 00-0126 Disassemble And Store *(12 59 16 00-0032)*

12 59 16 00-0127	EA	Disassemble And Store Series 1 Panel Camel 34H 24W Herman Miller, AO120.3424-LN-V3827	22.79	
12 59 16 00-0128	EA	Disassemble And Store Series 1 Panel Camel 34H 30W Herman Miller, AO120.3430-LN-V3827	25.33	
12 59 16 00-0129	EA	Disassemble And Store Series 1 Panel Camel 34H 36W Herman Miller, AO120.3436-LN-V3827	27.09	
12 59 16 00-0130	EA	Disassemble And Store Series 1 Panel Camel 34H 48W Herman Miller, AO120.3448-LN-V3827	30.35	
12 59 16 00-0131	EA	Disassemble And Store Series 1 Panel Camel 42H 24W Herman Miller, AO120.4224-LN-V3827	23.16	
12 59 16 00-0132	EA	Disassemble And Store Series 1 Panel Camel 42H 30W Herman Miller, AO120.4230-LN-V3827	26.18	
12 59 16 00-0133	EA	Disassemble And Store Series 1 Panel Camel 42H 36W Herman Miller, AO120.4236-LN-V3827	29.33	
12 59 16 00-0134	EA	Disassemble And Store Series 1 Panel Camel 42H 48W Herman Miller, AO120.4248-LN-V3827	34.46	
12 59 16 00-0135	EA	Disassemble And Store Series 1 Panel Camel 62H 12W Herman Miller, AO130.6212-LN-V3827	22.30	
12 59 16 00-0136	EA	Disassemble And Store Series 1 Panel Terra Cotta 62H 12W Herman Miller, AO130.6212-LN-V3850	22.30	
12 59 16 00-0137	EA	Disassemble And Store Series 1 Panel Camel 62H 24W Herman Miller, AO130.6224-LN-V3827	27.45	
12 59 16 00-0138	EA	Disassemble And Store Series 1 Panel Terra Cotta 62H 24W Herman Miller, AO130.6224-LN-V3850	27.45	
12 59 16 00-0139	EA	Disassemble And Store Series 1 Panel Camel 62H 36W Herman Miller, AO130.6236-LN-V3827	34.34	
12 59 16 00-0140	EA	Disassemble And Store Series 1 Panel Terra Cotta 62H 36W Herman Miller, AO130.6236-LN-V3850	34.34	
12 59 16 00-0141	EA	Disassemble And Store Series 1 Panel Camel 62H 48W Herman Miller, AO130.6248-LN-V3827	41.12	
12 59 16 00-0142	EA	Disassemble And Store Panel Hardware Panel Connector - 34" Series 1. Herman Miller, AO215.34	1.24	
12 59 16 00-0143	EA	Disassemble And Store Panel Hardware Panel Connector - 42" Series 1. Herman Miller, AO215.42	1.24	
12 59 16 00-0144	EA	Disassemble And Store Panel Hardware Panel Connector - 62" Series 1. Herman Miller, AO215.62	1.32	
12 59 16 00-0145	EA	Disassemble And Store Panel Hardware 34" Two-Way 90 Series 1. Herman Miller, AO220.34-LN	5.73	
12 59 16 00-0146	EA	Disassemble And Store Series 1 Panel Hardware 42" Two-Way 90 Herman Miller, AO220.42-LN	6.64	
12 59 16 00-0147	EA	Disassemble And Store Series 1 Panel Hardware 62" Two-Way 90 Herman Miller, AO220.62-LN	7.64	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0148	EA	Disassemble And Store Series 1 Panel Hardware 34" Three-Way 90 Herman Miller, AO230.34-LN	8.88	
12 59 16 00-0149	EA	Disassemble And Store Series 1 Panel Hardware 42" Three-Way 90 Herman Miller, AO230.42-LN	10.29	
12 59 16 00-0150	EA	Disassemble And Store Series 1 Panel Hardware 62" Three-Way 90 Herman Miller, AO230.62-LN	11.95	
12 59 16 00-0151	EA	Disassemble And Store Series 1 Panel Hardware 34" Four-Way 90 Herman Miller, AO240.34-LN	11.21	
12 59 16 00-0152	EA	Disassemble And Store Series 1 Panel Hardware 42" Four-Way90 Herman Miller, AO240.42-LN	13.11	
12 59 16 00-0153	EA	Disassemble And Store Series 1 Panel Hardware 62" Four-Way 90 Herman Miller, AO240.62-LN	15.77	
12 59 16 00-0154	EA	Disassemble And Store Panel Hardware Panel End Cap - 34" Series 1, Herman Miller, AO250.34-LN	1.91	
12 59 16 00-0155	EA	Disassemble And Store Panel Hardware Panel End Cap - 42" Herman Miller, AO250.42-LN	2.16	
12 59 16 00-0156	EA	Disassemble And Store Panel Hardware Panel End Cap - 62" Herman Miller, AO250.62-LN	2.33	
12 59 16 00-0157	EA	Disassemble And Store Panel Hardware Variable Height Filler Herman Miller, AO259.LN	2.11	
12 59 16 00-0158	EA	Disassemble And Store Series 1 Cable Management Two-Way Trim Cover. Herman Miller, AO362.2-DT	1.08	
12 59 16 00-0159	EA	Disassemble And Store Series 1 Cable Management Three-Way Trim Cover. Herman Miller, AO362.3-DT	1.14	
12 59 16 00-0160	EA	Disassemble And Store Series 1 Cable Management Four-Way Trim Cover. Herman Miller, AO362.4-DT	1.32	
12 59 16 00-0161	EA	Disassemble And Store Series 1 Cable Management End Cap Trim Cover. Herman Miller, AO363-DT	1.08	
12 59 16 00-0162	EA	Disassemble And Store Series 1 Cable Management Assembly 12" Herman Miller, AO380.12-DT	2.23	
12 59 16 00-0163	EA	Disassemble And Store Series 1 Cable Management Assembly 24" Herman Miller, AO380.24-DT	2.53	
12 59 16 00-0164	EA	Disassemble And Store Series 1 Cable Management Assembly 30" Herman Miller, AO380.30-DT	2.59	
12 59 16 00-0165	EA	Disassemble And Store Series 1 Cable Management Assembly 36" Herman Miller, AO380.36-DT	2.89	
12 59 16 00-0166	EA	Disassemble And Store Series 1 Cable Management Assembly 48" Herman Miller, AO380.48-DT	3.25	
12 59 16 00-0167	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-M8-DT	17.47	
12 59 16 00-0168	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-OL-DT	17.47	
12 59 16 00-0169	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-M8-DT	21.52	
12 59 16 00-0170	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-OL-DT	21.52	
12 59 16 00-0171	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-M8-DT	20.32	
12 59 16 00-0172	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-OL-DT	20.32	
12 59 16 00-0173	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-M8-DT	25.39	
12 59 16 00-0174	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-OL-DT	25.39	
12 59 16 00-0175	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-M8-DT	25.63	
12 59 16 00-0176	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-OL-DT	25.63	
12 59 16 00-0177	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-M8-DT	32.29	
12 59 16 00-0178	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-OL-DT	32.29	
12 59 16 00-0179	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-M8-DT	31.13	
12 59 16 00-0180	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-OL-DT	31.13	
12 59 16 00-0181	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-M8-DT	39.12	
12 59 16 00-0182	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-OL-DT	39.12	
12 59 16 00-0183	EA	Disassemble And Store Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-M8-DT	60.41	
12 59 16 00-0184	EA	Disassemble And Store Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-OL-DT	69.49	
12 59 16 00-0185	EA	Disassemble And Store Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-M8-DT	66.01	
12 59 16 00-0186	EA	Disassemble And Store Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-OL-DT	75.92	
12 59 16 00-0187	EA	Disassemble And Store Counter Cap 24" Herman Miller, AO450.1424-M8-DT	8.35	
12 59 16 00-0188	EA	Disassemble And Store Counter Cap 24" Herman Miller, AO450.1424-OL-DT	8.35	
12 59 16 00-0189	EA	Disassemble And Store Counter Cap 36" Herman Miller, AO450.1436-M8-DT	9.49	
12 59 16 00-0190	EA	Disassemble And Store Counter Cap 36" Herman Miller, AO450.1436-OL-DT	9.49	
12 59 16 00-0191	EA	Disassemble And Store Counter Cap 48" Herman Miller, AO450.1448-M8-DT	10.64	
12 59 16 00-0192	EA	Disassemble And Store Counter Cap 48" Herman Miller, AO450.1448-OL-DT	10.64	
12 59 16 00-0193	EA	Disassemble And Store Counter Cap 60" Herman Miller, AO450.1460-M8-DT	13.24	
12 59 16 00-0194	EA	Disassemble And Store Counter Cap 60" Herman Miller, AO450.1460-OL-DT	13.24	
12 59 16 00-0195	EA	Disassemble And Store Counter Cap 72" Herman Miller, AO450.1472-M8-DT	15.90	
12 59 16 00-0196	EA	Disassemble And Store Counter Cap 72" Herman Miller, AO450.1472-OL-DT	15.90	
12 59 16 00-0197	EA	Disassemble And Store Corner Counter Cap (Right Angle) Herman Miller, AO653-M8-DT	27.81	
12 59 16 00-0198	EA	Disassemble And Store Corner Counter Cap (Right Angle) Herman Miller, AO653-OL-DT	27.81	
12 59 16 00-0199	EA	Disassemble And Store Pencil Drawer Herman Miller, AO480.DT	2.17	
12 59 16 00-0200	EA	Disassemble And Store Shelf 24" Herman Miller, AO520.1324-LN	8.13	
12 59 16 00-0201	EA	Disassemble And Store Shelf 36" Herman Miller, AO520.1336-LN	8.84	
12 59 16 00-0202	EA	Disassemble And Store Shelf 48" Herman Miller, AO520.1348-LN	9.45	
12 59 16 00-0203	EA	Disassemble And Store Flipper Door 24" (Keyed Between UM 226 and UM300). Herman Miller, AO550.1324-LN-V3860	14.02	
12 59 16 00-0204	EA	Disassemble And Store Flipper Door 36" (Keyed Between UM 226 and UM300). Herman Miller, AO550.1336-LN-V3860	16.36	
12 59 16 00-0205	EA	Disassemble And Store Flipper Door 48" (Keyed Between UM 226 and UM300). Herman Miller, AO550.1348-LN-V3860	18.77	
12 59 16 00-0206	EA	Disassemble And Store Vinyl Keyboard Tray (Fully Adjustable) Herman Miller, G7715.BU	21.90	
12 59 16 00-0207	EA	Disassemble And Store Palm Rest For Vinyl Keyboard Tray Herman Miller, G7790	3.43	
12 59 16 00-0208	EA	Disassemble And Store Drawer Ped. Loop Pull Stationary 24D File/File. Herman Miller, PEDDIFF24	39.36	
12 59 16 00-0209	EA	Disassemble And Store Drawer Ped. Loop Pull Stationary 24D Box /Box/File. Herman Miller, PEDDIBBF24	40.78	
12 59 16 00-0210	EA	Disassemble And Store Stationary Divider Herman Miller, G5911.19	8.91	
12 59 16 00-0211	EA	Disassemble And Store Utility Tray, Herman Miller, G5912	1.14	
12 59 16 00-0212	EA	Disassemble And Store File Converter Herman Miller, G5913	1.93	
12 59 16 00-0213	EA	Disassemble And Store Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-M8-DT	27.67	
12 59 16 00-0214	EA	Disassemble And Store Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-OL-DT	27.67	
12 59 16 00-0215	EA	Disassemble And Store Task Light Herman Miller, G6130.24M-LN	9.62	
12 59 16 00-0216	EA	Disassemble And Store 48" Round With Steel X Base Herman Miller	74.44	
12 59 16 00-0217	EA	Disassemble And Store Double Sided Name Plate Herman Miller, MISCPAO375OBKO	3.79	
12 59 16 00-0218	EA	Disassemble And Store Single Sided Name Plate Herman Miller, MISCPAO376OBKO	1.66	

12 59 16 00-0219 Reconfigure *(12 59 16 00-0032)*

12 59 16 00-0220	EA	Reconfigure Series 1 Panel Camel 34H 24W Herman Miller, AO120.3424-LN-V3827	26.59	
12 59 16 00-0221	EA	Reconfigure Series 1 Panel Camel 34H 30W Herman Miller, AO120.3430-LN-V3827	29.56	
12 59 16 00-0222	EA	Reconfigure Series 1 Panel Camel 34H 36W Herman Miller, AO120.3436-LN-V3827	31.59	
12 59 16 00-0223	EA	Reconfigure Series 1 Panel Camel 34H 48W Herman Miller, AO120.3448-LN-V3827	35.41	
12 59 16 00-0224	EA	Reconfigure Series 1 Panel Camel 42H 24W Herman Miller, AO120.4224-LN-V3827	27.01	
12 59 16 00-0225	EA	Reconfigure Series 1 Panel Camel 42H 30W Herman Miller, AO120.4230-LN-V3827	30.55	
12 59 16 00-0226	EA	Reconfigure Series 1 Panel Camel 42H 36W Herman Miller, AO120.4236-LN-V3827	34.21	
12 59 16 00-0227	EA	Reconfigure Series 1 Panel Camel 42H 48W Herman Miller, AO120.4248-LN-V3827	40.21	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0228	EA	Reconfigure Series 1 Panel Camel 62H 12W Herman Miller, AO130.6212-LN-V3827	26.03	
12 59 16 00-0229	EA	Reconfigure Series 1 Panel Terra Cotta 62H 12W Herman Miller, AO130.6212-LN-V3850	26.03	
12 59 16 00-0230	EA	Reconfigure Series 1 Panel Camel 62H 24W Herman Miller, AO130.6224-LN-V3827	32.04	
12 59 16 00-0231	EA	Reconfigure Series 1 Panel Terra Cotta 62H 24W Herman Miller, AO130.6224-LN-V3850	32.04	
12 59 16 00-0232	EA	Reconfigure Series 1 Panel Camel 62H 36W Herman Miller, AO130.6236-LN-V3827	40.07	
12 59 16 00-0233	EA	Reconfigure Series 1 Panel Terra Cotta 62H 36W Herman Miller, AO130.6236-LN-V3850	40.07	
12 59 16 00-0234	EA	Reconfigure Series 1 Panel Camel 62H 48W Herman Miller, AO130.6248-LN-V3827	47.97	
12 59 16 00-0235	EA	Reconfigure Series 1 Panel Hardware Panel Connector-34" Herman Miller, AO215.34	1.45	
12 59 16 00-0236	EA	Reconfigure Series 1 Panel Hardware Panel Connector-42" Herman Miller, AO215.42	1.45	
12 59 16 00-0237	EA	Reconfigure Series 1 Panel Hardware Panel Connector-62" Herman Miller, AO215.62	1.54	
12 59 16 00-0238	EA	Reconfigure Series 1 Panel Hardware 34" Two-Way 90, Herman Miller, AO220.34-LN	6.67	
12 59 16 00-0239	EA	Reconfigure Series 1 Panel Hardware 42" Two-Way 90 Herman Miller, AO220.42-LN	7.75	
12 59 16 00-0240	EA	Reconfigure Series 1 Panel Hardware 62" Two-Way 90 Herman Miller, AO220.62-LN	8.90	
12 59 16 00-0241	EA	Reconfigure Series 1 Panel Hardware 34"Three-Way 90 Herman Miller, AO230.34-LN	10.36	
12 59 16 00-0242	EA	Reconfigure Series 1 Panel Hardware 42" Three-Way 90 Herman Miller, AO230.42-LN	12.02	
12 59 16 00-0243	EA	Reconfigure Series 1 Panel Hardware 62" Three-Way 90 Herman Miller, AO230.62-LN	13.94	
12 59 16 00-0244	EA	Reconfigure Series 1 Panel Hardware 34" Four-Way 90 Herman Miller, AO240.34-LN	13.08	
12 59 16 00-0245	EA	Reconfigure Series 1 Panel Hardware 42" Four-Way90 Herman Miller, AO240.42-LN	15.30	
12 59 16 00-0246	EA	Reconfigure Series 1 Panel Hardware 62" Four-Way 90 Herman Miller, AO240.62-LN	18.41	
12 59 16 00-0247	EA	Reconfigure Series 1 Panel Hardware Panel End Cap-34" Herman Miller, AO250.34-LN	2.23	
12 59 16 00-0248	EA	Reconfigure Series 1 Panel Hardware Panel End Cap-42" Herman Miller, AO250.42-LN	2.51	
12 59 16 00-0249	EA	Reconfigure Series 1 Panel Hardware Panel End Cap-62" Herman Miller, AO250.62-LN	2.72	
12 59 16 00-0250	EA	Reconfigure Series 1 Panel Hardware Variable Height Filler Herman Miller, AO259.LN	2.46	
12 59 16 00-0251	EA	Reconfigure Series 1 Cable Management Two-Way Trim Cover Herman Miller, AO362.2-DT	1.26	
12 59 16 00-0252	EA	Reconfigure Series 1 Cable Management Three-Way Trim Cover Herman Miller, AO362.3-DT	1.33	
12 59 16 00-0253	EA	Reconfigure Series 1 Cable Management Four-Way Trim Cover Herman Miller, AO362.4-DT	1.54	
12 59 16 00-0254	EA	Reconfigure Series 1 Cable Management End Cap Trim Cover Herman Miller, AO363-DT	1.26	
12 59 16 00-0255	EA	Reconfigure Series 1 Cable Management Assembly 12" Herman Miller, AO380.12-DT	2.61	
12 59 16 00-0256	EA	Reconfigure Series 1 Cable Management Assembly 24" Herman Miller, AO380.24-DT	2.95	
12 59 16 00-0257	EA	Reconfigure Series 1 Cable Management Assembly 30" Herman Miller, AO380.30-DT	3.02	
12 59 16 00-0258	EA	Reconfigure Series 1 Cable Management Assembly 36" Herman Miller, AO380.36-DT	3.37	
12 59 16 00-0259	EA	Reconfigure Series 1 Cable Management Assembly 48" Herman Miller, AO380.48-DT	3.78	
12 59 16 00-0260	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-M8-DT	20.38	
12 59 16 00-0261	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-OL-DT	20.38	
12 59 16 00-0262	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-M8-DT	25.12	
12 59 16 00-0263	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-OL-DT	25.12	
12 59 16 00-0264	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-M8-DT	23.70	
12 59 16 00-0265	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-OL-DT	23.70	
12 59 16 00-0266	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-M8-DT	29.62	
12 59 16 00-0267	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-OL-DT	29.62	
12 59 16 00-0268	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-M8-DT	29.91	
12 59 16 00-0269	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-OL-DT	29.91	
12 59 16 00-0270	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-M8-DT	37.66	
12 59 16 00-0271	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-OL-DT	37.66	
12 59 16 00-0272	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-M8-DT	36.34	
12 59 16 00-0273	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-OL-DT	36.34	
12 59 16 00-0274	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-M8-DT	45.65	
12 59 16 00-0275	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-OL-DT	45.65	
12 59 16 00-0276	EA	Reconfigure Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-M8-DT	70.47	
12 59 16 00-0277	EA	Reconfigure Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-OL-DT	81.08	
12 59 16 00-0278	EA	Reconfigure Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-M8-DT	77.02	
12 59 16 00-0279	EA	Reconfigure Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-OL-DT	88.60	
12 59 16 00-0280	EA	Reconfigure Counter Cap 24" Herman Miller, AO450.1424-M8-DT	9.73	
12 59 16 00-0281	EA	Reconfigure Counter Cap 24" Herman Miller, AO450.1424-OL-DT	9.73	
12 59 16 00-0282	EA	Reconfigure Counter Cap 36" Herman Miller, AO450.1436-M8-DT	11.07	
12 59 16 00-0283	EA	Reconfigure Counter Cap 36" Herman Miller, AO450.1436-OL-DT	11.07	
12 59 16 00-0284	EA	Reconfigure Counter Cap 48" Herman Miller, AO450.1448-M8-DT	12.42	
12 59 16 00-0285	EA	Reconfigure Counter Cap 48" Herman Miller, AO450.1448-OL-DT	12.42	
12 59 16 00-0286	EA	Reconfigure Counter Cap 60" Herman Miller, AO450.1460-M8-DT	15.46	
12 59 16 00-0287	EA	Reconfigure Counter Cap 60" Herman Miller, AO450.1460-OL-DT	15.46	
12 59 16 00-0288	EA	Reconfigure Counter Cap 72" Herman Miller, AO450.1472-M8-DT	18.56	
12 59 16 00-0289	EA	Reconfigure Counter Cap 72" Herman Miller, AO450.1472-OL-DT	18.56	
12 59 16 00-0290	EA	Reconfigure Corner Counter Cap (Right Angle) Herman Miller, AO653-M8-DT	32.46	
12 59 16 00-0291	EA	Reconfigure Corner Counter Cap (Right Angle) Herman Miller, AO653-OL-DT	32.46	
12 59 16 00-0292	EA	Reconfigure Pencil Drawer Herman Miller, AO480.DT	2.52	
12 59 16 00-0293	EA	Reconfigure Shelf 24" Herman Miller, AO520.1324-LN	9.48	
12 59 16 00-0294	EA	Reconfigure Shelf 36" Herman Miller, AO520.1336-LN	10.32	
12 59 16 00-0295	EA	Reconfigure Shelf 48" Herman Miller, AO520.1348-LN	11.02	
12 59 16 00-0296	EA	Reconfigure Flipper Door 24" Keyed between UM 226 and UM300) Herman Miller, AO550.1324-LN-V3860	16.36	
12 59 16 00-0297	EA	Reconfigure Flipper Door 36" Keyed between UM 226 and UM300) Herman Miller, AO550.1336-LN-V3860	19.10	
12 59 16 00-0298	EA	Reconfigure Flipper Door 48" Keyed between UM 226 and UM300) Herman Miller, AO550.1348-LN-V3860	21.90	
12 59 16 00-0299	EA	Reconfigure Vinyl Keyboard Tray (Fully Adjustable) Herman Miller, G7715.BU	25.56	
12 59 16 00-0300	EA	Reconfigure Palm Rest For Vinyl Keyboard Tray Herman Miller, G7790	4.00	
12 59 16 00-0301	EA	Reconfigure Drawer Ped. Loop Pull Stationary 24D File/File Herman Miller, PEDDIFF24	45.93	
12 59 16 00-0302	EA	Reconfigure Drawer Ped. Loop Pull Stationary 24D Box/Box/File Herman Miller, PEDDIBBF24	47.57	
12 59 16 00-0303	EA	Reconfigure Stationary Divider Herman Miller, G5911.19	10.38	
12 59 16 00-0304	EA	Reconfigure Utility Tray Herman Miller, G5912	1.33	
12 59 16 00-0305	EA	Reconfigure File Converter Herman Miller, G5913	2.25	
12 59 16 00-0306	EA	Reconfigure Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-M8-DT	32.28	
12 59 16 00-0307	EA	Reconfigure Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-OL-DT	32.28	
12 59 16 00-0308	EA	Reconfigure Task Light Herman Miller, G6130.24M-LN	11.23	
12 59 16 00-0309	EA	Reconfigure 48" Round With Steel X Base Herman Miller	86.87	
12 59 16 00-0310	EA	Reconfigure Double Sided Name Plate Herman Miller, MISCPAO375OBKO	4.42	
12 59 16 00-0311	EA	Reconfigure Single Sided Name Plate Herman Miller, MISCPAO376OBKO	1.94	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

12 60 Multiple Seating *(12)*

12 61 Fixed Audience Seating *(12 60)*

See CSI section 12 01 60 00-0001 for for seat repairs.

12 61 13 Upholstered Audience Seating *(12 61)*

12 61 13 00-0001 Fixed Back Upholstered Audience Seating *(12 61 13)*

12 61 13 00-0002	EA	Polypropylene, Fixed Back Upholstered Audience Seating Note: Polypropylene surfaced back and seat with plywood backed upholstered panels. Powdered coated steel chair platform.	379.22	34.78
		For >100, Deduct	*-49.25*	
		For Table Arm Attachment, Add	*56.55*	
		For Armrest, Add	*34.41*	
		For Aisle Panel, Add	*83.21*	
		For Epoxy Anchoring, Add	*23.32*	
		For <25, Add	*81.97*	

12 61 16 Molded-Plastic Audience Seating *(12 61)*

12 61 16 00-0001 Fixed Back Molded-Plastic Audience Seating *(12 61 16)*

12 61 16 00-0002	EA	Fixed Back Molded-Plastic Audience Seating Note: Impact resistant textured polypropylene seat and back. Powder coated steel chair platform.	281.70	34.78
		For >100, Deduct	*-33.43*	
		For Table Arm Attachment, Add	*56.55*	
		For Armrest, Add	*34.41*	
		For Aisle Panel, Add	*83.21*	
		For Epoxy Anchoring, Add	*23.32*	
		For <25, Add	*55.64*	

12 61 16 19 Plywood/Hardwood Audience Seating *(12 61)*

12 61 16 19-0001 Fixed Back Plywood/Hardwood Audience Seating *(12 61 16 19)*

12 61 16 19-0002	EA	Fixed Back Plywood/Hardwood Audience Seating Note: Stained hardwood armrests, veneered plywood seat, and veneered plywood back. Powder coated steel chair platform.	416.74	34.78
		For >100, Deduct	*-55.33*	
		For Table Arm Attachment, Add	*56.55*	
		For Armrest, Add	*34.41*	
		For Aisle Panel, Add	*83.21*	
		For Epoxy Anchoring, Add	*23.32*	
		For <25, Add	*92.11*	

12 90 Other Furnishings *(12)*

12 93 Site Furnishings *(12 90)*

12 93 13 Bicycle Racks *(12 93)*

12 93 13 00-0001 Bicycle Organizer And Rack *(12 93 13)*

12 93 13 00-0002 Vertical Style Bike Racks Single/Double Sided, Galvanized *(12 93 13 00-0001)*

12 93 13 00-0003 Double Sided *(12 93 13 00-0002)*

12 93 13 00-0004	EA	5' Galvanized Steel Double Sided Bike Rack, 9 Bikes	476.07	93.32
12 93 13 00-0005	EA	10' Galvanized Steel Double Sided Bike Rack, 18 Bikes	721.66	153.30
12 93 13 00-0006	EA	20' Galvanized Steel Double Sided Bike Rack, 36 Bikes	1,234.75	233.30

12 93 13 00-0007 Single Sided *(12 93 13 00-0002)*

12 93 13 00-0008	EA	5' Galvanized Steel Single Sided Bike Rack, 5 Bikes	417.17	83.32
12 93 13 00-0009	EA	10' Galvanized Steel Single Sided Bike Rack, 9 Bikes	594.86	138.65
12 93 13 00-0010	EA	20' Galvanized Steel Single Sided Bike Rack, 18 Bikes	1,012.91	208.30

12 93 13 00-0011 Anchor Set For Vertical Style Bike Rack *(12 93 13 00-0002)*

12 93 13 00-0012	PR	Anchor Set For Vertical Style Bike Rack Note: Anchoring frame to ground.	81.02	

12 93 13 00-0013 Bike Racks Ground Loop *(12 93 13 00-0001)*

Note: In-ground mount.

12 93 13 00-0014	EA	83" Ground Loop Bike Rack, Surface Or Wall Mounted, 12 Bikes	651.08	163.50

12 93 13 00-0015 Serpentine Bike Racks *(12 93 13 00-0001)*

Note: 36" Overall height, In-ground mount.

12 93 13 00-0016 Galvanized, 36" High, 2-3/8" OD Tubing *(12 93 13 00-0015)*

12 93 13 00-0017	EA	1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Galvanized	364.45	99.98
12 93 13 00-0018	EA	3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Galvanized	486.74	108.32
12 93 13 00-0019	EA	5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Galvanized	609.04	116.65
12 93 13 00-0020	EA	7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Galvanized	746.41	124.98
12 93 13 00-0021	EA	9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Galvanized	883.79	133.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 93 13 00-0022	EA	11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Galvanized	960.82	141.64
12 93 13 00-0023		**Galvanized, 42" High, 2-3/8" OD Tubing** *(12 93 13 00-0015)*		
12 93 13 00-0024	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Galvanized	408.69	99.98
12 93 13 00-0025	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Galvanized	518.63	108.32
12 93 13 00-0026	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Galvanized	628.58	116.65
12 93 13 00-0027	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Galvanized	726.87	124.98
12 93 13 00-0028	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Galvanized	836.81	133.31
12 93 13 00-0029	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Galvanized	970.08	141.64
12 93 13 00-0030		**Powder Coated, 36" High, 2-3/8" OD Tubing** *(12 93 13 00-0015)*		
12 93 13 00-0031	EA	1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Powder Coated	364.45	99.98
12 93 13 00-0032	EA	3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Powder Coated	486.74	108.32
12 93 13 00-0033	EA	5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Powder Coated	609.04	116.65
12 93 13 00-0034	EA	7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Powder Coated	746.41	124.98
12 93 13 00-0035	EA	9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Powder Coated	883.79	133.31
12 93 13 00-0036	EA	11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Powder Coated	960.82	141.64
12 93 13 00-0037		**Powder Coated, 42" High, 2-3/8" OD Tubing** *(12 93 13 00-0015)*		
12 93 13 00-0038	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Powder Coated	420.35	99.98
12 93 13 00-0039	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Powder Coated	541.95	108.32
12 93 13 00-0040	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Powder Coated	651.90	116.65
12 93 13 00-0041	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Powder Coated	785.17	124.98
12 93 13 00-0042	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Powder Coated	895.11	133.31
12 93 13 00-0043	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Powder Coated	1,040.04	141.64
12 93 13 00-0044		**Stainless Steel, 36" High, 2-3/8" OD Tubing** *(12 93 13 00-0015)*		
12 93 13 00-0045	EA	1' x 36" High Serpentine Bike Rack, 3 Bikes, Stainless Steel	661.70	99.98
12 93 13 00-0046	EA	3' x 36" High Serpentine Bike Rack, 5 Bikes, Stainless Steel	974.88	108.32
12 93 13 00-0047	EA	5' x 36" High Serpentine Bike Rack, 7 Bikes, Stainless Steel	1,288.08	116.65
12 93 13 00-0048	EA	7' x 36" High Serpentine Bike Rack, 9 Bikes, Stainless Steel	1,643.63	124.98
12 93 13 00-0049	EA	9' x 36" High Serpentine Bike Rack, 11 Bikes, Stainless Steel	1,999.16	133.31
12 93 13 00-0050	EA	11' x 36" High Serpentine Bike Rack, 13 Bikes, Stainless Steel	2,185.28	141.64
12 93 13 00-0051		**Stainless Steel, 42" High, 2-3/8" OD Tubing** *(12 93 13 00-0015)*		
12 93 13 00-0052	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Stainless Steel	525.29	99.98
12 93 13 00-0053	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Stainless Steel	1,124.97	108.32
12 93 13 00-0054	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Stainless Steel	1,468.13	116.65
12 93 13 00-0055	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Stainless Steel	1,787.95	124.98
12 93 13 00-0056	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Stainless Steel	2,119.44	133.31
12 93 13 00-0057	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Stainless Steel	2,462.60	141.64
12 93 13 00-0058		**Bike Racks Bollards/Bicycle Posts** *(12 93 13 00-0001)* Note: 43" Overall height, In-ground mount.		
12 93 13 00-0059	EA	Bollard/Bicycle Post, 2 Loop Galvanized Steel Bollard	353.41	74.99

12 93 16 Skate Board Deterrent *(12 93)*

12 93 16 00-0001		**Skate Stoppers** *(12 93 16)*		
12 93 16 00-0002	EA	Aluminum Architectural Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	36.19	
		For >60 To 100, Deduct	*-3.57*	
		For >100 To 250, Deduct	*-4.58*	
		For >250, Deduct	*-5.58*	
12 93 16 00-0003	EA	Aluminum Fixed Angle Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	30.27	
		For >60 To 100, Deduct	*-2.75*	
		For >100 To 250, Deduct	*-3.57*	
		For >250, Deduct	*-4.40*	
12 93 16 00-0004	EA	Aluminum Fixed Radius Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	30.27	
		For >60 To 100, Deduct	*-2.75*	
		For >100 To 250, Deduct	*-3.57*	
		For >250, Deduct	*-4.40*	
12 93 16 00-0005	EA	Aluminum Bench Clips, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	20.53	
		For >60 To 100, Deduct	*-1.68*	
		For >100 To 250, Deduct	*-2.23*	
		For >250, Deduct	*-2.78*	
12 93 16 00-0006	EA	Aluminum Curve Clips, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	23.57	
		For >60 To 100, Deduct	*-2.11*	
		For >100 To 250, Deduct	*-2.75*	
		For >250, Deduct	*-3.39*	
12 93 16 00-0007	EA	Aluminum Hand Rail, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	21.37	
		For >60 To 100, Deduct	*-1.80*	
		For >100 To 250, Deduct	*-2.37*	
		For >250, Deduct	*-2.95*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 93 16 00-0008	EA	Aluminum 2" x 3" x 0.25" Flat Cap, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	20.25	
		For >60 To 100, Deduct	*-1.64*	
		For >100 To 250, Deduct	*-2.18*	
		For >250, Deduct	*-2.72*	
12 93 16 00-0009	EA	Aluminum 6" Diameter x 0.25" Rumble Disc, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	30.55	
		For >60 To 100, Deduct	*-2.78*	
		For >100 To 250, Deduct	*-3.62*	
		For >250, Deduct	*-4.45*	
12 93 16 00-0010	EA	Aluminum 4" x 17" x 0.25" Flat Strap, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	51.51	
		For >60 To 100, Deduct	*-5.72*	
		For >100 To 250, Deduct	*-7.18*	
		For >250, Deduct	*-8.64*	

12 93 23 Trash And Litter Receptors *(12 93)*

12 93 23 00-0001 Steel Trash Containment *(12 93 23)*

12 93 23 00-0002 Steel Frame Surrounded With Kiln-Dried Wood *(12 93 23 00-0001)*

12 93 23 00-0003	EA	13" x 13" x 30" Ash Receptacle Steel Frame, Kiln Dried Wood	359.34	39.80
12 93 23 00-0004	EA	24" x 24" x 30" High Open Top Trash Container Steel Frame, Kiln Dried Wood	343.41	39.80
12 93 23 00-0005	EA	21" x 21" x 31" High Flat Top Trash Container Steel Frame, Kiln Dried Wood	343.41	39.80
12 93 23 00-0006	EA	24" x 24" x 31" High, Flat Top Trash Container Steel Frame, Kiln Dried Wood	325.48	39.80
12 93 23 00-0007	EA	18" x 18" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	359.34	39.80
12 93 23 00-0008	EA	23" x 23" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	325.48	39.80
12 93 23 00-0009	EA	24" x 24" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	443.01	39.80

12 93 23 00-0010 Square Steel Frames Surrounded With Flat Steel *(12 93 23 00-0001)*

12 93 23 00-0011	EA	26" Diameter x 34" High Open Top Trash Square Container Steel Frame, Flat Steel Surround	643.47	39.80
12 93 23 00-0012	EA	26" Diameter x 34" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	694.10	39.80
12 93 23 00-0013	EA	26" Diameter x 39" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	694.10	39.80

12 93 23 00-0014 Round Steel Pipe And Flat Steel Frames *(12 93 23 00-0001)*

Note: Surrounded with kiln-dried wood.

12 93 23 00-0015	EA	21" Diameter x 32" High Open Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	947.21	39.80
12 93 23 00-0016	EA	21" Diameter x 32" High Flat Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	1,019.53	39.80
12 93 23 00-0017	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	1,173.21	39.80
12 93 23 00-0018	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	1,064.73	39.80

12 93 23 00-0019 Round Steel Pipe Surrounded With Perforated *(12 93 23 00-0001)*

12 93 23 00-0020	EA	21" Diameter x 32" High Open Top Trash Container Perforated Round Steel Pipe	847.77	39.80
12 93 23 00-0021	EA	21" Diameter x 32" High Flat Top Trash Container Perforated Round Steel Pipe	920.09	39.80
12 93 23 00-0022	EA	21" Diameter x 39" High Dome Top Trash Container Perforated Round Steel Pipe	1,073.77	39.80
12 93 23 00-0023	EA	21" Diameter x 40" High HPR Top Trash Container Perforated Round Steel Pipe	974.33	39.80

12 93 23 00-0024 Round Steel Pipe Frames Surrounded With Welded Wire *(12 93 23 00-0001)*

12 93 23 00-0025	EA	21" Diameter x 32" High Flat Top Trash Container Steel Pipe Frame, Welded Wire Surround	676.02	39.80
12 93 23 00-0026	EA	21" Diameter x 32" High Open Top Trash Steel Container Pipe Frame, Welded Wire Surround	748.34	39.80
12 93 23 00-0027	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe Frame, Welded Wire Surround	902.01	39.80
12 93 23 00-0028	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe Frame, Welded Wire Surround	802.58	39.80

12 93 23 00-0029 Litter Baskets *(12 93 23)*

12 93 23 00-0030 Round Wire Litter Baskets *(12 93 23 00-0029)*

12 93 23 00-0031	EA	1.33' Diameter x 1.83' High Round Wire Litter Basket	118.34	4.04
12 93 23 00-0032	EA	1.5' Diameter x 1.83' High Round Wire Litter Basket	149.28	4.04
12 93 23 00-0033	EA	1.75' Diameter x 2.33' High Round Wire Litter Basket	201.77	4.04
12 93 23 00-0034	EA	1.83' Diameter x 2.83' High Round Wire Litter Basket	231.39	4.04

12 93 23 00-0035 Trash Can/Wire Basket Holder *(12 93 23 00-0029)*

12 93 23 00-0036	EA	Steel Post, Single Holder	172.84	32.50
12 93 23 00-0037	EA	Steel Post, Double Holder	232.04	32.50
12 93 23 00-0038	EA	Redwood Post, Single Holder	106.10	32.50
12 93 23 00-0039	EA	Redwood Post, Double Holder	123.54	32.50

12 93 23 00-0040 Litter Receptacles, Freestanding *(12 93 23 00-0029)*

Note: Includes 1-1/2" outside diameter steel leg supports. Wall mounted, includes 3/8" x 3" steel wall plates. Surface mounted, includes 2-1/2" outside diameter steel tube with floor flange, embedded to include 2-1/2" outside diameter steel tube.

12 93 23 00-0041	EA	16" Diameter x 28" High Litter Receptacle, Freestanding Or Embedded	949.48	16.58
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
12 93 23 00-0042	EA	16" Diameter x 32" High Litter Receptacle, Freestanding Or Embedded	999.28	16.58
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 93 23 00-0043	EA	20" Diameter x 36" High Litter Receptacle, Freestanding Or Embedded	1,165.27	24.87
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
12 93 23 00-0044	EA	20" Diameter x 40" High Litter Receptacle, Freestanding Embedded	1,215.08	24.87
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
12 93 23 00-0045	EA	16" Diameter x 28" High Litter Receptacle, Pole Mount With Pole	1,264.88	24.87
		For Powder Coated Sand Pan, Add	*50.00*	
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
12 93 23 00-0046	EA	16" Diameter x 32" High Litter Receptacle, Pole Mount With Pole	1,314.68	24.87
		For Powder Coated Sand Pan, Add	*50.00*	
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
12 93 23 00-0047	EA	16" Diameter x 28" High Litter Receptacle, Wall Mount	1,049.08	21.56
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
		For 1-1/2" x 6" Diameter Metal Cover Plate , Add	*20.00*	
12 93 23 00-0048	EA	16" Diameter x 32" High Litter Receptacle, Wall Mount	1,098.88	21.56
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
		For 1-1/2" x 6" Diameter Metal Cover Plate , Add	*20.00*	

12 93 23 00-0049 Ash Receptacles *(12 93 23)*

12 93 23 00-0050	EA	12" Diameter x 21" High Ash Receptacle, Freestanding Or Embedded	424.44	16.58
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Sand Pan, Add	*110.00*	
		For Bowl And Funnel, Add	*120.00*	
12 93 23 00-0051	EA	18" Square Concrete Exposed Aggregate x 36" High Ash Receptacles With 3-1/2" ID iron Pipe With Cap Square Concrete With Steel Liner	181.87	16.58

12 93 23 00-0052 Trash Receptacles *(12 93 23)*

12 93 23 00-0053	EA	Outdoor Covered Steel Receptacle With Liner	780.16	16.58
12 93 23 00-0054	EA	Driftwood And Sable Receptacle, 35 Gallon With Liner And Frame	343.06	16.58
12 93 23 00-0055	EA	24" x 24" Square Trash Containment With Exposed Aggregate Finish	457.74	16.58
12 93 23 00-0056	EA	30" x 30" Square Trash Containment With Exposed Aggregate Finish	477.72	18.24
12 93 23 00-0057	EA	36" x 36" Square Trash Containment With Exposed Aggregate Finish	514.34	19.89
12 93 23 00-0058	EA	32 Gallon, Open Round Trash Receptacle, Recycled Plastic Lumber	153.47	13.26
12 93 23 00-0059	EA	32 Gallon, Round Trash Receptacle With Liner And Lid, Recycled Plastic Lumber	179.92	13.26
12 93 23 00-0060	EA	24" x 24" Square 18" High Trash Receptacle, Fiberglass	238.15	16.58

12 93 23 00-0061 Trash Containers (Dumpsters) *(12 93 23)*

12 93 23 00-0062	EA	1 CY Straight Side Trash Dumpster	145.07	
12 93 23 00-0063	EA	1.5 CY Straight Side Trash Dumpster	217.61	
12 93 23 00-0064	EA	2 CY Straight Side Trash Dumpster	290.14	
12 93 23 00-0065	EA	2 CY Sloped Side Trash Dumpster	290.14	
12 93 23 00-0066	EA	3 CY Sloped Side Trash Dumpster	435.21	
12 93 23 00-0067	EA	4 CY Sloped Side Trash Dumpster	580.28	
12 93 23 00-0068	EA	6 CY Sloped Side Trash Dumpster	870.43	
12 93 23 00-0069	EA	8 CY Sloped Side Trash Dumpster	1,160.57	

12 93 33 Manufactured Planters *(12 93)*

12 93 33 00-0001 Precast Concrete Planters *(12 93 33)*

12 93 33 00-0002 Circular Precast Concrete Planters *(12 93 33 00-0001)*

12 93 33 00-0003	EA	24" Diameter, 17" Height, Circular Precast Concrete Planter	399.15	19.06
12 93 33 00-0004	EA	24" Diameter, 24" Height, Circular Precast Concrete Planter	447.84	22.86
12 93 33 00-0005	EA	24" Diameter, 33" Height, Circular Precast Concrete Planter	488.89	22.86
12 93 33 00-0006	EA	30" Diameter, 17" Height, Circular Precast Concrete Planter	531.53	26.68
12 93 33 00-0007	EA	30" Diameter, 30" Height, Circular Precast Concrete Planter	644.58	34.30
12 93 33 00-0008	EA	36" Diameter, 24" Height, Circular Precast Concrete Planter	700.12	34.30
12 93 33 00-0009	EA	36" Diameter, 30" Height, Circular Precast Concrete Planter	788.64	38.11
12 93 33 00-0010	EA	48" Diameter, 17" Height, Circular Precast Concrete Planter	832.12	38.11
12 93 33 00-0011	EA	48" Diameter, 24" Height, Circular Precast Concrete Planter	929.66	47.64
12 93 33 00-0012	EA	48" Diameter, 30" Height, Circular Precast Concrete Planter	988.89	50.69
12 93 33 00-0013	EA	48" Diameter, 36" Height, Circular Precast Concrete Planter	1,030.45	53.36
12 93 33 00-0014	EA	60" Diameter, 17" Height, Circular Precast Concrete Planter	935.28	47.64
12 93 33 00-0015	EA	60" Diameter, 24" Height, Circular Precast Concrete Planter	1,029.24	53.36
12 93 33 00-0016	EA	60" Diameter, 36" Height, Circular Precast Concrete Planter	1,313.38	57.17
12 93 33 00-0017	EA	72" Diameter, 36" Height, Circular Precast Concrete Planter	1,703.70	72.42
12 93 33 00-0018	EA	84" Diameter, 36" Height, Circular Precast Concrete Planter	1,975.77	76.22

12 93 33 00-0019 Square Precast Concrete Planters *(12 93 33 00-0001)*

12 93 33 00-0020	EA	36" Square, 30" Height, Square Precast Concrete Planter	809.94	49.54
12 93 33 00-0021	EA	42" Square, 30" Height, Square Precast Concrete Planter	925.71	53.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 93 33 00-0022	EA	60" Square, 36" Height, Square Precast Concrete Planter	1,451.42	60.97
12 93 33 00-0023	EA	72" Square, 36" Height, Square Precast Concrete Planter	1,548.39	64.79
12 93 33 00-0024		Rectangular Precast Concrete Planters *(12 93 33 00-0001)*		
12 93 33 00-0025	EA	33" x 18", 20" Height, Rectangular Precast Concrete Planter	465.95	22.86
12 93 33 00-0026	EA	48" x 18", 20" Height, Rectangular Precast Concrete Planter	550.39	34.30
12 93 33 00-0027	EA	60" x 18", 20" Height, Rectangular Precast Concrete Planter	637.71	38.11
12 93 33 00-0028	EA	72" x 18", 20" Height, Rectangular Precast Concrete Planter	728.01	47.64
12 93 33 00-0029		Fiberglass Planters *(12 93 33)*		
12 93 33 00-0030		Circular Fiberglass Planters *(12 93 33 00-0029)*		
12 93 33 00-0031	EA	36" Diameter, 27" High, Circular Fiberglass Planter	675.37	19.06
12 93 33 00-0032	EA	60" Diameter, 39" High, Circular Fiberglass Planter	1,567.54	19.06
12 93 33 00-0033	EA	36" Diameter, 24" High, Circular Fiberglass Planter	623.35	19.06
12 93 33 00-0034	EA	60" Diameter, 24" High, Circular Fiberglass Planter	1,169.58	19.06
12 93 33 00-0035		Tapered Circular Fiberglass Planters *(12 93 33 00-0029)*		
12 93 33 00-0036	EA	24" Diameter, 36" High, Tapered Circular Fiberglass Planter	587.46	19.06
12 93 33 00-0037	EA	40" Diameter, 36" High, Tapered Circular Fiberglass Planter	779.42	19.06
12 93 33 00-0038		Square Fiberglass Planters *(12 93 33 00-0029)*		
12 93 33 00-0039	EA	24" Square, 17" High, Square Fiberglass Planter	384.05	19.06
12 93 33 00-0040	EA	48" Square, 39" High, Square Fiberglass Planter	1,520.72	19.06
12 93 33 00-0041	EA	24" Square, 36" High, Square Fiberglass Planter	506.30	19.06
12 93 33 00-0042	EA	48" Square, 36" High, Square Fiberglass Planter	1,437.49	19.06
12 93 33 00-0043		Rectangular Fiberglass Planters *(12 93 33 00-0029)*		
12 93 33 00-0044	EA	48" x 12", 18" High, Rectangular Fiberglass Planter	488.10	19.06
12 93 33 00-0045	EA	48" x 24", 21" High, Rectangular Fiberglass Planter	701.38	19.06
12 93 33 00-0046		Square Fiberglass Planter And Bench Combo *(12 93 33 00-0029)*		
12 93 33 00-0047	EA	72" Square, 36" High, Square Fiberglass Planter And Bench Combo	3,386.59	119.39
12 93 33 00-0048	EA	96" Square, 27" High, Square Fiberglass Planter And Bench Combo	4,557.07	119.39
12 93 33 00-0049		Timber Planters *(12 93 33)*		
12 93 33 00-0050		Square Timber Planters *(12 93 33 00-0049)*		
12 93 33 00-0051	EA	14" Square, 30" High, Square Timber Planter	408.66	39.80
12 93 33 00-0052	EA	21" Square, 30" High, Square Timber Planter	408.66	39.80
12 93 33 00-0053	EA	27" Square, 30" High, Square Timber Planter	775.38	39.80
12 93 33 00-0054	EA	34" Square, 30" High, Square Timber Planter	672.08	39.80
12 93 33 00-0055	EA	41" Square, 36" High, Square Timber Planter	801.20	39.80
12 93 33 00-0056	EA	54" Square, 36" High, Square Timber Planter	2,061.47	39.80
12 93 33 00-0057	EA	81" Square, 36" High, Square Timber Planter	3,099.64	39.80
12 93 33 00-0058		Rectangular Timber Planters *(12 93 33 00-0049)*		
12 93 33 00-0059	EA	21" x 14", 30" High, Rectangular Timber Planter	403.50	39.80
12 93 33 00-0060	EA	27" x 14", 30" High, Rectangular Timber Planter	449.98	39.80
12 93 33 00-0061	EA	27" x 21", 30" High, Rectangular Timber Planter	589.44	39.80
12 93 33 00-0062	EA	34" x 21", 30" High, Rectangular Timber Planter	651.42	39.80
12 93 33 00-0063	EA	41" x 21", 30" High, Rectangular Timber Planter	837.36	39.80
12 93 33 00-0064	EA	34" x 27", 30" High, Rectangular Timber Planter	971.65	39.80
12 93 33 00-0065	EA	41" x 27", 30" High, Rectangular Timber Planter	1,085.28	39.80
12 93 33 00-0066	EA	54" x 27", 30" High, Rectangular Timber Planter	1,410.68	39.80
12 93 33 00-0067	EA	54" x 34", 30" High, Rectangular Timber Planter	1,591.45	39.80
12 93 33 00-0068	EA	68" x 34", 36" High, Rectangular Timber Planter	1,813.55	39.80
12 93 33 00-0069	EA	54" x 41", 36" High, Rectangular Timber Planter	1,725.74	39.80
12 93 33 00-0070	EA	68" x 41", 36" High, Rectangular Timber Planter	1,953.00	39.80
12 93 33 00-0071	EA	81" x 41", 36" High, Rectangular Timber Planter	2,185.43	39.80

12 93 43 Site Seating And Tables *(12 93)*

12 93 43 13 Site Seating *(12 93 43)*

12 93 43 13-0001 Benches (Landscapeforms) *(12 93 43 13)*

Note: Excludes embedding in concrete See CSI section 32 31 13 00-0001 for drilling and concrete.

12 93 43 13-0002	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Balustrade)	1,332.65	66.33
12 93 43 13-0003	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Balustrade)	1,668.65	66.33
12 93 43 13-0004	EA	96" Backed Wood Bench (Landscapeforms Balustrade)	1,884.65	66.33
12 93 43 13-0005	EA	End Loop Arms For Backed Bench (Landscapeforms Balustrade)	153.16	16.58
12 93 43 13-0006	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Gretchen's)	1,332.65	66.33
12 93 43 13-0007	EA	96" Backless Wood Bench (Landscapeforms Gretchen's)	1,524.65	66.33
12 93 43 13-0008	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Gretchen's)	1,668.65	66.33
12 93 43 13-0009	EA	96" Backed Wood Bench (Landscapeforms Gretchen's)	1,884.65	66.33
12 93 43 13-0010	EA	72" Backed Wood Or PolySite Bench With Armrest (Landscapeforms Gretchen's)	1,908.65	66.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 93 43 13-0011	EA	96" Backed Wood Bench With Armrest (Landscapeforms Gretchen's)	2,124.64	66.33
12 93 43 13-0012	EA	59" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	2,616.64	66.33
12 93 43 13-0013	EA	75" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	2,844.64	66.33
12 93 43 13-0014	EA	42" Backless Metal Grid Bench (Landscapeforms Manistee)	735.48	49.74
12 93 43 13-0015	EA	62" Backless Metal Grid Bench (Landscapeforms Manistee)	795.48	49.74
12 93 43 13-0016	EA	72" Backless Metal Grid Bench (Landscapeforms Manistee)	860.06	58.03
12 93 43 13-0017	EA	82" Backless Metal Grid Bench (Landscapeforms Manistee)	1,004.06	58.03
12 93 43 13-0018	EA	42" Backed Metal Grid Bench (Landscapeforms Manistee)	920.06	58.03
12 93 43 13-0019	EA	62" Backed Metal Grid Bench (Landscapeforms Manistee)	980.06	58.03
12 93 43 13-0020	EA	72" Backed Metal Grid Bench (Landscapeforms Manistee)	1,056.65	66.33
12 93 43 13-0021	EA	82" Backed Metal Grid Bench (Landscapeforms Manistee)	1,212.65	66.33
12 93 43 13-0022	EA	42" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,028.06	58.03
12 93 43 13-0023	EA	62" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,104.65	66.33
12 93 43 13-0024	EA	72" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,164.65	66.33
12 93 43 13-0025	EA	82" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,320.65	66.33
12 93 43 13-0026	EA	72" Backless Solid Wood Bench (Landscapeforms Palisade)	1,860.65	66.33
12 93 43 13-0027	EA	96" Backless Solid Wood Bench (Landscapeforms Palisade)	2,136.64	66.33
12 93 43 13-0028	EA	70" Backless Perforated Metal Bench (Landscapeforms Petoskey)	1,380.65	66.33
12 93 43 13-0029	EA	70" Dual Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	1,668.65	66.33
12 93 43 13-0030	EA	70" Quad Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	1,812.65	66.33
12 93 43 13-0031	EA	72" Backed Wood Bench (Landscapeforms Plainwell)	1,812.65	66.33
12 93 43 13-0032	EA	72" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,028.64	66.33
12 93 43 13-0033	EA	96" Backed Wood Bench (Landscapeforms Plainwell)	2,232.64	66.33
12 93 43 13-0034	EA	96" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,448.64	66.33
12 93 43 13-0035	EA	96" Backed Wood Bench With Two Center Arms (Landscapeforms Plainwell)	2,664.64	66.33
12 93 43 13-0036	EA	72" Backed Aluminum Bench (Landscapeforms Plainwell)	2,328.64	66.33
12 93 43 13-0037	EA	72" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	2,544.64	66.33
12 93 43 13-0038	EA	96" Backed Aluminum Bench (Landscapeforms Plainwell)	2,856.64	66.33
12 93 43 13-0039	EA	96" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	3,072.64	66.33
12 93 43 13-0040	EA	96" Backed Aluminum Bench With Two Center Arms (Landscapeforms Plainwell)	3,288.63	66.33
12 93 43 13-0041	EA	Backless Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	501.16	16.58
12 93 43 13-0042	EA	Backless Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	657.15	16.58
12 93 43 13-0043	EA	Backless Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	657.15	16.58
12 93 43 13-0044	EA	Backed Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	609.16	16.58
12 93 43 13-0045	EA	Narrow-Backed Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	753.15	16.58
12 93 43 13-0046	EA	Narrow-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	753.15	16.58
12 93 43 13-0047	EA	Wide-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	753.15	16.58
12 93 43 13-0048	EA	Armrest For Metal Grid Seats (Landscapeforms Plexus)	120.00	16.58
12 93 43 13-0049	EA	Backless Straight Metal Grid Seats (Landscapeforms Presidio)	681.15	16.58
12 93 43 13-0050	EA	Backless Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	765.15	16.58
12 93 43 13-0051	EA	Backless Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	849.15	16.58
12 93 43 13-0052	EA	Backless Angled Metal Grid Seats (Landscapeforms Presidio)	837.15	16.58
12 93 43 13-0053	EA	Backless Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	921.15	16.58
12 93 43 13-0054	EA	Backless Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,005.15	16.58
12 93 43 13-0055	EA	Backed Straight Metal Grid Seats (Landscapeforms Presidio)	825.15	16.58
12 93 43 13-0056	EA	Backed Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	909.15	16.58
12 93 43 13-0057	EA	Backed Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	993.15	16.58
12 93 43 13-0058	EA	Narrow-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,005.15	16.58
12 93 43 13-0059	EA	Narrow-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,089.15	16.58
12 93 43 13-0060	EA	Narrow-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,173.15	16.58
12 93 43 13-0061	EA	Wide-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,005.15	16.58
12 93 43 13-0062	EA	Wide-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,089.15	16.58
12 93 43 13-0063	EA	Wide-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,173.15	16.58
12 93 43 13-0064	EA	48" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,392.65	66.33
12 93 43 13-0065	EA	72" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,416.65	66.33
12 93 43 13-0066	EA	96" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,728.65	66.33
12 93 43 13-0067	EA	48" Backless Woven Bench (Landscapeforms Scarborough)	2,100.64	66.33
12 93 43 13-0068	EA	72" Backless Woven Bench (Landscapeforms Scarborough)	2,472.64	66.33
12 93 43 13-0069	EA	96" Backless Woven Bench (Landscapeforms Scarborough)	2,844.64	66.33
12 93 43 13-0070	EA	24" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,308.65	66.33
12 93 43 13-0071	EA	48" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,512.65	66.33
12 93 43 13-0072	EA	72" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,536.65	66.33
12 93 43 13-0073	EA	72" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	1,776.65	66.33
12 93 43 13-0074	EA	96" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	2,004.64	66.33
12 93 43 13-0075	EA	96" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,244.64	66.33
12 93 43 13-0076	EA	96" Backed Horizontal Strap Bench With Two Intermediate Arms (Landscapeforms Scarborough)	2,484.64	66.33
12 93 43 13-0077	EA	24" Backed Woven Bench (Landscapeforms Scarborough)	2,004.64	66.33
12 93 43 13-0078	EA	48" Backed Woven Bench (Landscapeforms Scarborough)	2,424.64	66.33
12 93 43 13-0079	EA	72" Backed Woven Bench (Landscapeforms Scarborough)	2,832.64	66.33
12 93 43 13-0080	EA	72" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	3,072.64	66.33
12 93 43 13-0081	EA	96" Backed Woven Bench (Landscapeforms Scarborough)	3,576.63	66.33
12 93 43 13-0082	EA	96" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	3,816.63	66.33
12 93 43 13-0083	EA	96" Backed Woven Bench With Two Intermediate Arms (Landscapeforms Scarborough)	4,056.63	66.33
12 93 43 13-0084	EA	32" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	932.06	58.03
12 93 43 13-0085	EA	49" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,124.06	58.03
12 93 43 13-0086	EA	49" Backed Strap Or Perforated Bench With Divider (Landscapeforms Town Square)	1,220.06	58.03
12 93 43 13-0087	EA	70" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,440.65	66.33
12 93 43 13-0088	EA	70" Backed Strap Or Perforated Bench With Two Dividers (Landscapeforms Town Square)	1,632.65	66.33

12 93 43 13-0089 Benches (Columbia Cascade, TimberForm) *(12 93 43 13)*

12 93 43 13-0090 Wood Benches (Columbia Cascade, TimberForm) *(12 93 43 13-0089)*

Note: Includes powder coated steel frames.

12 93 43 13-0091	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-E)	440.29	33.16
12 93 43 13-0092	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-E)	501.86	33.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 93 43 13-0093	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-E)	637.28	33.16
12 93 43 13-0094	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-P)	458.78	33.16
12 93 43 13-0095	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-P)	520.34	33.16
12 93 43 13-0096	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-P)	661.92	33.16
12 93 43 13-0097	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-E)	661.92	33.16
12 93 43 13-0098	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-E)	766.56	33.16
12 93 43 13-0099	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-E)	982.01	33.16
12 93 43 13-0100	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-P)	692.69	33.16
12 93 43 13-0101	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-P)	797.34	33.16
12 93 43 13-0102	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-P)	1,025.10	33.16
12 93 43 13-0103	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-E)	1,259.02	33.16
12 93 43 13-0104	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-E)	1,474.47	33.16
12 93 43 13-0105	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-E)	1,923.83	33.16
12 93 43 13-0106	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-P)	1,289.80	33.16
12 93 43 13-0107	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-P)	1,505.25	33.16
12 93 43 13-0108	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-P)	1,966.92	33.16
12 93 43 13-0109	EA	70" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-E)	508.02	33.16
12 93 43 13-0110	EA	94" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-E)	569.58	33.16
12 93 43 13-0111	EA	70" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-P)	526.49	33.16
12 93 43 13-0112	EA	94" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-P)	588.05	33.16
12 93 43 13-0113	EA	46" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-E)	834.28	33.16
12 93 43 13-0114	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-E)	982.01	33.16
12 93 43 13-0115	EA	46" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-P)	883.52	33.16
12 93 43 13-0116	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-P)	1,031.26	33.16
12 93 43 13-0117	EA	70" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-6)	543.51	49.74
12 93 43 13-0118	EA	94" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-8)	568.14	49.74
12 93 43 13-0119	EA	118" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-10)	758.96	49.74
12 93 43 13-0120	EA	46" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-E)	415.69	33.16
12 93 43 13-0121	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-E)	477.25	33.16
12 93 43 13-0122	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-E)	538.80	33.16
12 93 43 13-0123	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-E)	686.54	33.16
12 93 43 13-0124	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-E)	748.10	33.16
12 93 43 13-0125	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-P)	421.84	33.16
12 93 43 13-0126	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-P)	483.40	33.16
12 93 43 13-0127	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-P)	544.96	33.16
12 93 43 13-0128	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-P)	705.01	33.16
12 93 43 13-0129	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-P)	766.56	33.16
12 93 43 13-0130	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-E)	698.85	33.16
12 93 43 13-0131	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-E)	803.50	33.16
12 93 43 13-0132	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-E)	1,031.26	33.16
12 93 43 13-0133	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-E)	1,135.90	33.16
12 93 43 13-0134	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-P)	711.16	33.16
12 93 43 13-0135	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-P)	815.81	33.16
12 93 43 13-0136	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-P)	1,049.72	33.16
12 93 43 13-0137	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-P)	1,154.37	33.16
12 93 43 13-0138	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-E)	698.85	33.16
12 93 43 13-0139	EA	82" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-E)	975.86	33.16
12 93 43 13-0140	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-E)	871.21	33.16
12 93 43 13-0141	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-E)	1,142.06	33.16
12 93 43 13-0142	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-E)	1,246.71	33.16
12 93 43 13-0143	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-P)	797.34	33.16
12 93 43 13-0144	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-P)	994.32	33.16
12 93 43 13-0145	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-P)	883.52	33.16
12 93 43 13-0146	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-P)	1,160.53	33.16
12 93 43 13-0147	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-P)	1,265.17	33.16
12 93 43 13-0148	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-6)	746.65	49.74
12 93 43 13-0149	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-8)	857.45	49.74
12 93 43 13-0150	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-10)	1,091.37	49.74
12 93 43 13-0151	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-6)	814.36	49.74
12 93 43 13-0152	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-8)	925.17	49.74
12 93 43 13-0153	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-10)	1,196.02	49.74

12 93 43 13-0154 Recycled Plastic Benches (Columbia Cascade, TimberForm) *(12 93 43 13-0089)*

Note: Includes powder coated steel frames.

12 93 43 13-0155	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-E)	594.20	33.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 93 43 13-0156	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-E)	803.50	33.16
12 93 43 13-0157	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-P)	612.67	33.16
12 93 43 13-0158	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-P)	821.96	33.16
12 93 43 13-0159	EA	46" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-E)	920.46	33.16
12 93 43 13-0160	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-E)	1,074.35	33.16
12 93 43 13-0161	EA	46" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-P)	969.70	33.16
12 93 43 13-0162	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-P)	1,123.59	33.16
12 93 43 13-0163	EA	70" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-6)	605.07	49.74
12 93 43 13-0164	EA	94" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-8)	722.03	49.74
12 93 43 13-0165	EA	118" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-10)	845.14	49.74
12 93 43 13-0166	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-E)	489.54	33.16
12 93 43 13-0167	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-E)	649.60	33.16
12 93 43 13-0168	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-E)	772.71	33.16
12 93 43 13-0169	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-P)	508.02	33.16
12 93 43 13-0170	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-P)	668.07	33.16
12 93 43 13-0171	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-P)	797.34	33.16
12 93 43 13-0172	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-E)	766.56	33.16
12 93 43 13-0173	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-E)	1,025.10	33.16
12 93 43 13-0174	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-E)	1,240.55	33.16
12 93 43 13-0175	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-P)	797.34	33.16
12 93 43 13-0176	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-P)	1,068.19	33.16
12 93 43 13-0177	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-P)	1,283.64	33.16
12 93 43 13-0178	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-E)	1,474.47	33.16
12 93 43 13-0179	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-E)	2,022.32	33.16
12 93 43 13-0180	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-E)	2,237.77	33.16
12 93 43 13-0181	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-P)	1,505.25	33.16
12 93 43 13-0182	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-P)	2,065.41	33.16
12 93 43 13-0183	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-P)	2,280.86	33.16
12 93 43 13-0184	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-E)	932.77	33.16
12 93 43 13-0185	EA	82" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-E)	1,289.80	33.16
12 93 43 13-0186	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-E)	1,234.40	33.16
12 93 43 13-0187	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-E)	1,412.91	33.16
12 93 43 13-0188	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-E)	1,893.05	33.16
12 93 43 13-0189	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-P)	945.08	33.16
12 93 43 13-0190	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-P)	1,308.26	33.16
12 93 43 13-0191	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-P)	1,252.86	33.16
12 93 43 13-0192	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-P)	1,431.38	33.16
12 93 43 13-0193	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-P)	1,923.83	33.16
12 93 43 13-0194	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-6)	900.54	49.74
12 93 43 13-0195	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-8)	1,202.17	49.74
12 93 43 13-0196	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-10)	1,479.18	49.74
12 93 43 13-0197	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-6)	1,005.19	49.74
12 93 43 13-0198	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-8)	1,331.44	49.74
12 93 43 13-0199	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-10)	1,460.71	49.74
12 93 43 13-0200	EA	46" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-E)	440.31	33.16
12 93 43 13-0201	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-E)	569.58	33.16
12 93 43 13-0202	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-E)	760.41	33.16
12 93 43 13-0203	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-E)	889.68	33.16
12 93 43 13-0204	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-E)	1,031.26	33.16
12 93 43 13-0205	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-P)	452.62	33.16
12 93 43 13-0206	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-P)	581.89	33.16
12 93 43 13-0207	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-P)	778.87	33.16
12 93 43 13-0208	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-P)	908.14	33.16
12 93 43 13-0209	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-P)	1,055.88	33.16
12 93 43 13-0210	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-E)	834.28	33.16
12 93 43 13-0211	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-E)	1,135.90	33.16
12 93 43 13-0212	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-E)	1,394.44	33.16
12 93 43 13-0213	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-E)	1,566.80	33.16
12 93 43 13-0214	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-P)	846.59	33.16
12 93 43 13-0215	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-P)	1,154.37	33.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 93 43 13-0216	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-P)	1,412.91	33.16
12 93 43 13-0217	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-P)	1,591.43	33.16

12 93 43 53 Site Tables *(12 93 43)*

12 93 43 53-0001 Picnic Tables *(12 93 43 53)*

12 93 43 53-0002 Concrete Picnic Tables *(12 93 43 53-0001)*

12 93 43 53-0003	EA	6' Concrete Picnic Table	1,672.29	150.16

END OF SECTION 12

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

13 Special Construction

13 10 Special Facility Components *(13)*

13 11 Swimming Pools *(13 10)*

13 11 46 Swimming Pool Accessories *(13 11)*

See CSI section 22 51 19 00-0025 for diatomite type filter system.

13 11 46 00-0001 Diving Stand *(13 11 46)*

13 11 46 00-0002	EA	Diving Stand, 3 M Galvanized Steel Swimming Pool Equipment	18,041.05	2,037.45
13 11 46 00-0003	EA	Diving Stand, 3 M Stainless Steel Swimming Pool Equipment	18,935.99	2,037.45
13 11 46 00-0004	EA	Diving Stand, 1 M Galvanized Steel Swimming Pool Equipment	10,583.94	814.98
13 11 46 00-0005	EA	Diving Stand, 1 M Stainless Steel Swimming Pool Equipment	11,502.07	814.98
13 11 46 00-0006	EA	Diving Stand, 1/2 M Galvanized Steel With Stainless Steel Rails	3,920.78	378.15

13 11 46 00-0007 Diving Boards *(13 11 46)*

13 11 46 00-0008	EA	14' Long, Aluminum Diving Boards	2,184.57	301.54
		For Wheel Adjuster, Add	*105.14*	
13 11 46 00-0009	EA	14' Long, Fiberglass Diving Boards	1,495.90	301.54
		For Wheel Adjuster, Add	*105.14*	
13 11 46 00-0010	EA	8' Long, Fiberglass Diving Board	934.58	250.19
		For Wheel Adjuster, Add	*99.43*	
13 11 46 00-0011	EA	10' Long, Fiberglass Diving Board	1,145.90	267.32
		For Wheel Adjuster, Add	*101.32*	
13 11 46 00-0012	EA	12' Long, Fiberglass Diving Board	1,354.32	285.24
		For Wheel Adjuster, Add	*103.30*	

13 11 46 00-0013 Heavy Duty Ladders *(13 11 46)*

13 11 46 00-0014	EA	Ladders, 2 Tread, Galvanized Steel Swimming Pool Equipment	973.13	116.54
13 11 46 00-0015	EA	Ladders, 2 Tread, Stainless Steel Swimming Pool Equipment	1,335.18	116.54
13 11 46 00-0016	EA	Ladders, 4 Tread, Galvanized Steel Swimming Pool Equipment	1,117.71	134.47
13 11 46 00-0017	EA	Ladders, 4 Tread, Stainless Steel Swimming Pool Equipment	1,639.40	134.47

13 11 46 00-0018 Lifeguard Chair *(13 11 46)*

13 11 46 00-0019	EA	Lifeguard Chair, Galvanized Swimming Pool Equipment	2,337.43	301.54
13 11 46 00-0020	EA	Lifeguard Chair, Stainless Steel Swimming Pool Equipment	3,029.78	301.54

13 11 46 00-0021 Underwater Lights *(13 11 46)*

13 11 46 00-0022	EA	Lights, Underwater, 12 V, With Transformer Swimming Pool Equipment	411.41	103.22
13 11 46 00-0023	EA	Lights, Underwater, 110 V, Swimming Pool Equipment	401.99	103.22

13 11 46 00-0024 Pool Covers *(13 11 46)*

Note: Includes cover straps and tension springs.

13 11 46 00-0025	SF	Pool Covers, Reinforced Polyethylene	10.53	4.65
13 11 46 00-0026	SF	Pool Cover, Vinyl Water Tube	10.74	4.65

13 11 46 00-0027 Slides With Water Tube *(13 11 46)*

13 11 46 00-0028	EA	Swim Pool Slide	2,101.50	458.42

13 11 46 00-0029 Curved Slides With Water Tube *(13 11 46)*

13 11 46 00-0030	EA	8 Ft Curved With Continuous Flowing Water	1,578.15	623.70

13 20 Special Purpose Rooms *(13)*

13 21 Controlled Environment Rooms *(13 20)*

13 21 26 Cold Storage Rooms *(13 21)*

See CSI section 11 41 23 00-0000 for refrigerated controlled environment rooms.

13 30 Special Structures *(13)*

13 34 Fabricated Engineered Structures *(13 30)*

13 34 19 Metal Building Systems *(13 34)*

Note: Includes material, delivery to site, factory design analysis with report, engineered foundation design, shop drawings, and assembly of building on site.

13 34 19 00-0001 Pre-Engineered Metal Buildings *(13 34 19)*

Note: Free standing base buildings have a live load of 12 PSF and a wind load of 16.4 PSF (80 MPH). Includes anchoring and fasteners to concrete foundation. Includes design for foundation footings and piers. Includes a prime coated structural frame, painted steel wall panels 26 gauge, standing seam roof panels 26 gauge, roof 1 in 12 slope. Includes material, delivery to site, lifting equipment (crane) for erection, factory design analysis with report, engineered foundation design, shop drawings, and assembly of building on site. Eave height is measured from the top of slab to the underside of the roof deck. Excludes foundations and slab.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0002		Clear Span Rigid Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)* Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.		
13 34 19 00-0003		20' To 30' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings *(13 34 19 00-0002)*		
13 34 19 00-0004	GSF	10' Eave Height, 20' To 30' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	26.35	5.86
		For 30' To 49' In Length Only, Add	*3.51*	
		For 50' To 69' In Length Only, Add	*1.92*	
		For 70' To 99' In Length Only, Add	*0.79*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.79*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.32*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.98*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.57*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.16*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.01*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.32*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.81*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.74*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0005	GSF	12' Eave Height, 20' To 30' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	27.95	6.44
		For 30' To 49' In Length Only, Add	*3.62*	
		For 50' To 69' In Length Only, Add	*1.97*	
		For 70' To 99' In Length Only, Add	*0.81*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.84*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.40*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.10*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.73*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.35*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.31*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.71*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.85*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.81*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0006	GSF	14' Eave Height, 20' To 30' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	29.70	7.10
		For 30' To 49' In Length Only, Add	*3.72*	
		For 50' To 69' In Length Only, Add	*2.03*	
		For 70' To 99' In Length Only, Add	*0.84*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.89*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.49*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.23*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.90*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.56*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.64*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.13*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.90*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.88*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0007	GSF	16' Eave Height, 20' To 30' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	31.75	7.77
		For 30' To 49' In Length Only, Add	*3.89*	
		For 50' To 69' In Length Only, Add	*2.12*	
		For 70' To 99' In Length Only, Add	*0.88*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.95*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.59*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.38*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.10*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.81*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.03*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.62*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.96*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.95*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0008	GSF	18' Eave Height, 20' To 30' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	33.92	8.43
		For 30' To 49' In Length Only, Add	*4.09*	
		For 50' To 69' In Length Only, Add	*2.23*	
		For 70' To 99' In Length Only, Add	*0.92*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.02*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.70*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.54*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.31*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.07*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.44*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.14*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.02*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.03*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0009	GSF	20' Eave Height, 20' To 30' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	36.00	9.06
		For 30' To 49' In Length Only, Add	*4.29*	
		For 50' To 69' In Length Only, Add	*2.34*	
		For 70' To 99' In Length Only, Add	*0.97*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.08*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.80*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.70*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.51*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.32*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.84*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.64*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.08*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.10*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0010	GSF	24' Eave Height, 20' To 30' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	40.13	10.39
		For 30' To 49' In Length Only, Add	*4.67*	
		For 50' To 69' In Length Only, Add	*2.55*	
		For 70' To 99' In Length Only, Add	*1.05*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.20*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*2.01*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*3.01*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.91*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.82*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*7.62*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*9.63*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.20*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.24*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0011 >30' To 50' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings

(13 34 19 00-0002)

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0012	GSF	10' Eave Height, >30' To 50' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	22.99	4.66
		For 30' To 49' In Length Only, Add	*3.28*	
		For 50' To 69' In Length Only, Add	*1.79*	
		For 70' To 99' In Length Only, Add	*0.74*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.69*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.15*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.72*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.24*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.76*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.37*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.52*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.71*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.61*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0013	GSF	12' Eave Height, >30' To 50' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	24.28	5.08
		For 30' To 49' In Length Only, Add	*3.38*	
		For 50' To 69' In Length Only, Add	*1.84*	
		For 70' To 99' In Length Only, Add	*0.76*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.73*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.21*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.82*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.37*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.91*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.61*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.83*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.75*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.66*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0014	GSF	14' Eave Height, >30' To 50' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	25.37	5.51
		For 30' To 49' In Length Only, Add	*3.45*	
		For 50' To 69' In Length Only, Add	*1.88*	
		For 70' To 99' In Length Only, Add	*0.78*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.76*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.27*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.90*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.47*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.04*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.82*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.09*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.78*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.71*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0015	GSF	16' Eave Height, >30' To 50' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	27.10	5.99
		For 30' To 49' In Length Only, Add	*3.63*	
		For 50' To 69' In Length Only, Add	*1.98*	
		For 70' To 99' In Length Only, Add	*0.82*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.81*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.36*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.03*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.64*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.25*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.15*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.50*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.83*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.76*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0016	GSF	18' Eave Height, >30' To 50' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	29.47	6.44
		For 30' To 49' In Length Only, Add	*3.98*	
		For 50' To 69' In Length Only, Add	*2.17*	
		For 70' To 99' In Length Only, Add	*0.90*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.88*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.47*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.21*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.87*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.54*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.60*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.07*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.90*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.81*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0017	GSF	20' Eave Height, >30' To 50' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	31.48	6.89
		For 30' To 49' In Length Only, Add	*4.23*	
		For 50' To 69' In Length Only, Add	*2.31*	
		For 70' To 99' In Length Only, Add	*0.95*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.94*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.57*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.36*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.07*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.78*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.98*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.56*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.96*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.86*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0018	GSF	24' Eave Height, >30' To 50' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	34.17	7.77
		For 30' To 49' In Length Only, Add	*4.47*	
		For 50' To 69' In Length Only, Add	*2.44*	
		For 70' To 99' In Length Only, Add	*1.01*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.03*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.71*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.56*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.33*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.10*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.49*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.20*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.04*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.95*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0019 >50' To 100' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings

(13 34 19 00-0002)

13 34 19 00-0020	GSF	10' Eave Height, >50' To 100' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	17.72	2.89
		For 30' To 49' In Length Only, Add	*2.87*	
		For 50' To 69' In Length Only, Add	*1.57*	
		For 70' To 99' In Length Only, Add	*0.65*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.53*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.89*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.33*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.73*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.13*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.37*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.25*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.56*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.42*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0021	GSF	12' Eave Height, >50' To 100' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	18.46	3.07
		For 30' To 49' In Length Only, Add	*2.96*	
		For 50' To 69' In Length Only, Add	*1.62*	
		For 70' To 99' In Length Only, Add	*0.67*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.55*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.92*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.38*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.80*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.22*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.51*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.43*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.58*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.44*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0022	GSF	14' Eave Height, >50' To 100' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	19.16	3.24
		For 30' To 49' In Length Only, Add	*3.04*	
		For 50' To 69' In Length Only, Add	*1.66*	
		For 70' To 99' In Length Only, Add	*0.68*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.57*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.96*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.44*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.87*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.30*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.64*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.60*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.61*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.46*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0023	GSF	16' Eave Height, >50' To 100' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	20.25	3.42
		For 30' To 49' In Length Only, Add	*3.22*	
		For 50' To 69' In Length Only, Add	*1.76*	
		For 70' To 99' In Length Only, Add	*0.72*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.61*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.01*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.52*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.97*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.43*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.85*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.86*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.64*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.48*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0024	GSF	18' Eave Height, >50' To 100' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	21.08	3.59
		For 30' To 49' In Length Only, Add	*3.33*	
		For 50' To 69' In Length Only, Add	*1.82*	
		For 70' To 99' In Length Only, Add	*0.75*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.63*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.05*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.58*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.06*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.53*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.01*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.06*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.67*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.50*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0025	GSF	20' Eave Height, >50' To 100' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	21.81	3.77
		For 30' To 49' In Length Only, Add	*3.42*	
		For 50' To 69' In Length Only, Add	*1.87*	
		For 70' To 99' In Length Only, Add	*0.77*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.65*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.09*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.64*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.13*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.62*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.14*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.23*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.69*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.52*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0026	GSF	24' Eave Height, >50' To 100' Wide, Up To 30' Long Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	23.87	4.13
		For 30' To 49' In Length Only, Add	*3.75*	
		For 50' To 69' In Length Only, Add	*2.04*	
		For 70' To 99' In Length Only, Add	*0.84*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.72*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.19*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.79*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.33*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.86*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.54*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.73*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.75*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.55*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0027		Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*		
		Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.		
13 34 19 00-0028		Up To 30' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0027)*		
13 34 19 00-0029	GSF	10' Eave Height, Up To 30' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	23.42	4.66
		For 30' To 49' In Length Only, Add	*3.38*	
		For 50' To 69' In Length Only, Add	*1.85*	
		For 70' To 99' In Length Only, Add	*0.76*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.70*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.17*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.76*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.28*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.81*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.45*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.62*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.73*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.61*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0030	GSF	12' Eave Height, Up To 30' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	25.05	5.08
		For 30' To 49' In Length Only, Add	*3.57*	
		For 50' To 69' In Length Only, Add	*1.95*	
		For 70' To 99' In Length Only, Add	*0.80*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.75*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.25*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.88*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.44*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.01*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.76*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.01*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.78*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.66*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0031	GSF	14' Eave Height, Up To 30' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	26.64	5.51
		For 30' To 49' In Length Only, Add	*3.75*	
		For 50' To 69' In Length Only, Add	*2.05*	
		For 70' To 99' In Length Only, Add	*0.84*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.80*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.33*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.00*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.60*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.20*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.06*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.39*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.82*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.71*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0032	GSF	16' Eave Height, Up To 30' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	28.79	5.99
		For 30' To 49' In Length Only, Add	*4.03*	
		For 50' To 69' In Length Only, Add	*2.20*	
		For 70' To 99' In Length Only, Add	*0.91*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.86*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.44*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.16*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.81*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.45*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.47*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.91*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.89*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.76*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0033	GSF	18' Eave Height, Up To 30' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	30.61	6.46
		For 30' To 49' In Length Only, Add	*4.25*	
		For 50' To 69' In Length Only, Add	*2.32*	
		For 70' To 99' In Length Only, Add	*0.96*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.92*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.53*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.30*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.98*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.67*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.82*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.35*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.94*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.81*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0034	GSF	20' Eave Height, Up To 30' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	32.41	6.93
		For 30' To 49' In Length Only, Add	*4.45*	
		For 50' To 69' In Length Only, Add	*2.43*	
		For 70' To 99' In Length Only, Add	*1.00*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.97*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.62*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.43*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.16*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.89*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.16*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.78*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.00*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.86*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0035	GSF	24' Eave Height, Up To 30' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	36.14	7.91
		For 30' To 49' In Length Only, Add	*4.88*	
		For 50' To 69' In Length Only, Add	*2.66*	
		For 70' To 99' In Length Only, Add	*1.10*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.08*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.81*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.71*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.52*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.34*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.87*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.67*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.11*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.97*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0036		>30' To 40' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0027)*		
13 34 19 00-0037	GSF	10' Eave Height, >30' To 40' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	21.21	4.13
		For 30' To 49' In Length Only, Add	*3.11*	
		For 50' To 69' In Length Only, Add	*1.70*	
		For 70' To 99' In Length Only, Add	*0.70*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.64*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.06*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.59*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.07*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.55*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.03*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.09*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.66*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.55*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0038	GSF	12' Eave Height, >30' To 40' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	22.50	4.50
		For 30' To 49' In Length Only, Add	*3.24*	
		For 50' To 69' In Length Only, Add	*1.77*	
		For 70' To 99' In Length Only, Add	*0.73*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.68*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.13*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.69*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.19*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.70*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.28*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.40*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.70*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.60*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0039	GSF	14' Eave Height, >30' To 40' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	23.77	4.88
		For 30' To 49' In Length Only, Add	*3.36*	
		For 50' To 69' In Length Only, Add	*1.84*	
		For 70' To 99' In Length Only, Add	*0.76*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.71*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.19*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.78*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.32*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.85*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.52*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.70*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.73*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.64*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0040	GSF	16' Eave Height, >30' To 40' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	25.24	5.24
		For 30' To 49' In Length Only, Add	*3.54*	
		For 50' To 69' In Length Only, Add	*1.93*	
		For 70' To 99' In Length Only, Add	*0.80*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.76*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.26*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.89*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.46*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.03*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.80*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.06*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.78*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.68*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0041	GSF	18' Eave Height, >30' To 40' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	26.67	5.62
		For 30' To 49' In Length Only, Add	*3.71*	
		For 50' To 69' In Length Only, Add	*2.02*	
		For 70' To 99' In Length Only, Add	*0.83*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.80*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.33*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.00*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.60*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.20*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.07*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.40*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.82*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.72*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0042	GSF	20' Eave Height, >30' To 40' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	28.10	5.99
		For 30' To 49' In Length Only, Add	*3.87*	
		For 50' To 69' In Length Only, Add	*2.11*	
		For 70' To 99' In Length Only, Add	*0.87*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.84*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.41*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.11*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.74*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.37*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.34*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.74*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.86*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.76*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0043	GSF	24' Eave Height, >30' To 40' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	31.30	6.84
		For 30' To 49' In Length Only, Add	*4.23*	
		For 50' To 69' In Length Only, Add	*2.31*	
		For 70' To 99' In Length Only, Add	*0.95*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.94*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.57*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.35*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.05*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.76*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.95*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.51*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.96*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.85*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0044 >40' To 80' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0027)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0045	GSF	10' Eave Height, >40' To 80' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	18.85	3.24
		For 30' To 49' In Length Only, Add	*2.97*	
		For 50' To 69' In Length Only, Add	*1.62*	
		For 70' To 99' In Length Only, Add	*0.67*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.57*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.94*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.41*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.84*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.26*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.58*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.52*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.59*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.46*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0046	GSF	12' Eave Height, >40' To 80' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	19.82	3.46
		For 30' To 49' In Length Only, Add	*3.09*	
		For 50' To 69' In Length Only, Add	*1.69*	
		For 70' To 99' In Length Only, Add	*0.70*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.59*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.99*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.49*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.93*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.38*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.77*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.76*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.62*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.48*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0047	GSF	14' Eave Height, >40' To 80' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	20.74	3.68
		For 30' To 49' In Length Only, Add	*3.21*	
		For 50' To 69' In Length Only, Add	*1.75*	
		For 70' To 99' In Length Only, Add	*0.72*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.62*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.04*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.56*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.02*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.49*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.94*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.98*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.65*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.51*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0048	GSF	16' Eave Height, >40' To 80' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	21.77	3.91
		For 30' To 49' In Length Only, Add	*3.35*	
		For 50' To 69' In Length Only, Add	*1.83*	
		For 70' To 99' In Length Only, Add	*0.75*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.65*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.09*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.63*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.12*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.61*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.14*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.22*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.68*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.53*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0049	GSF	18' Eave Height, >40' To 80' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	23.06	4.18
		For 30' To 49' In Length Only, Add	*3.53*	
		For 50' To 69' In Length Only, Add	*1.93*	
		For 70' To 99' In Length Only, Add	*0.79*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.69*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.15*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.73*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.25*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.77*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.38*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.53*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.72*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.56*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0050	GSF	20' Eave Height, >40' To 80' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	24.28	4.40
		For 30' To 49' In Length Only, Add	*3.72*	
		For 50' To 69' In Length Only, Add	*2.03*	
		For 70' To 99' In Length Only, Add	*0.84*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.73*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.21*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.82*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.37*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.91*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.61*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.83*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.76*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.58*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0051	GSF	24' Eave Height, >40' To 80' Wide, Up To 30' Long Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	26.97	4.99
		For 30' To 49' In Length Only, Add	*4.08*	
		For 50' To 69' In Length Only, Add	*2.22*	
		For 70' To 99' In Length Only, Add	*0.92*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.81*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.35*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.02*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.63*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.24*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.12*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.47*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.84*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.65*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0052 Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*

Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.

13 34 19 00-0053 Up To 60' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0052)*

13 34 19 00-0054	GSF	14' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	19.22	3.82
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.58*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.96*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.44*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.87*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.31*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.65*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.61*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.60*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.52*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0055	GSF	16' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	20.50	4.09
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.62*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.03*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.54*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.00*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.46*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.90*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.92*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.64*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.55*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0056	GSF	18' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	21.50	4.31
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.65*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.08*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.61*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.10*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.58*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.09*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.16*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.67*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.57*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0057	GSF	20' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	21.44	4.00
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.64*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.07*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.61*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.09*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.57*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.07*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.15*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.67*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.54*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0058	GSF	24' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	23.19	4.36
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.70*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.16*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.74*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.26*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.78*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.41*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.57*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.72*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.58*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0059 >60' To 80' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0052)*

13 34 19 00-0060	GSF	14' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	18.02	3.37
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.54*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.90*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.35*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.76*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.16*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.42*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.32*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.56*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.47*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0061	GSF	16' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	19.16	3.59
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.57*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.96*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.44*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.87*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.30*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.64*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.60*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.60*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.50*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0062	GSF	18' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	20.17	3.82
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.61*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.01*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.51*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.97*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.42*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.83*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.84*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.63*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.52*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0063	GSF	20' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	21.07	4.00
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.63*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.05*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.58*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.05*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.53*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.00*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.06*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.66*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.54*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0064	GSF	24' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	22.77	4.36
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.68*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.14*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.71*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.22*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.73*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.33*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.46*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.71*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.58*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0065 >80' To 100' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0052)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0066	GSF	14' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	16.88	2.98
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.51*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.84*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.27*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.65*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.03*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.21*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.05*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.53*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.43*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0067	GSF	16' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	17.71	3.11
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.53*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.89*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.33*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.73*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.13*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.36*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.25*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.56*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.44*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0068	GSF	18' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	18.63	3.28
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.56*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.93*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.40*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.82*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.24*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.54*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.47*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.59*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.46*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0069	GSF	20' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	19.44	3.42
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.58*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.97*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.46*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.90*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.33*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.69*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.67*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.61*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.48*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0070	GSF	24' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	21.01	3.73
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.63*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.05*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.58*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.05*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.52*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.99*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.04*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.66*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.51*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0071 >100' To 120' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0052)*

13 34 19 00-0072	GSF	14' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	16.52	2.84
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.50*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.83*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.24*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.61*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.98*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.14*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.96*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.52*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.41*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0073	GSF	16' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	17.15	2.98
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.51*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.86*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.29*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.67*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.06*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.26*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.12*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.54*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.43*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0074	GSF	18' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	17.95	3.11
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.54*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.90*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.35*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.75*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.15*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.41*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.31*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.57*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.44*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0075	GSF	20' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	18.70	3.24
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.56*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.94*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.40*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.82*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.24*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.55*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.49*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.59*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.46*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0076	GSF	24' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	20.29	3.51
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.61*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.01*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.52*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.98*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.43*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.86*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.87*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.64*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.49*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0077 Double Post 3-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*

Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.

13 34 19 00-0078 Up To 120' Wide Double Post 3-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0077)*

13 34 19 00-0079	GSF	14' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	16.20	2.98
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.49*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.81*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.22*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.58*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.94*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.08*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.89*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.51*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.43*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0080	GSF	16' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	16.81	3.11
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.50*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.84*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.26*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.64*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.02*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.19*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.03*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.53*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.44*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0081	GSF	18' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	17.02	3.02
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.51*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.85*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.28*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.66*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.04*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.23*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.08*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.54*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.43*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0082	GSF	20' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	17.67	3.16
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.53*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.88*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.33*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.72*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.12*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.36*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.24*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.56*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.45*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0083	GSF	24' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	20.05	3.37
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.60*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.00*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.50*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.95*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.41*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.81*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.81*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.63*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.47*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0084 >120' To 150' Wide Double Post 3-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0077)*

13 34 19 00-0085	GSF	14' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	15.42	2.71
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.46*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.77*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.16*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.50*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.85*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.93*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.70*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.49*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.40*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0086	GSF	16' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	15.95	2.80
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.48*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.80*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.20*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.56*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.91*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.03*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.83*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.50*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.41*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0087	GSF	18' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	16.54	2.91
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.50*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.83*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.24*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.61*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.98*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.14*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.97*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.52*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.42*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0088	GSF	20' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	17.12	3.02
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.51*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.86*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.28*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.67*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.05*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.25*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.11*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.54*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.43*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0089	GSF	24' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	19.47	3.24
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.58*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.97*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.46*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.90*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.34*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.70*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.67*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.62*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.46*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0090 Triple Post 4-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*

Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.

13 34 19 00-0091 Up To 160' Wide Triple Post 4-Span Frame Pre-Engineered Metal Building *(13 34 19 00-0090)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0092	GSF	14' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	14.84	2.58
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.45*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.74*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.11*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.45*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.78*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.82*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.56*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.47*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.38*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0093	GSF	16' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	15.47	2.66
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.46*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.77*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.16*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.51*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.86*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.94*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.71*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.49*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.39*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0094	GSF	18' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.01	2.75
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.48*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.80*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.20*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.56*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.92*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.04*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.84*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.51*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.40*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0095	GSF	20' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.50	2.84
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.50*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.83*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.24*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.61*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.98*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.14*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.96*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.52*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.41*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0096	GSF	24' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	18.81	3.11
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.56*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.94*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.41*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.83*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.26*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.57*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.51*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.60*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.44*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0097 >160' To 180' Wide Triple Post 4-Span Frame Pre-Engineered Metal Building *(13 34 19 00-0090)*

13 34 19 00-0098	GSF	14' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	14.68	2.49
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.44*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.73*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.10*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.43*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.76*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.79*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.52*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.46*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.37*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0099	GSF	16' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	15.21	2.58
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.46*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.76*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.14*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.48*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.83*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.89*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.65*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.48*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.38*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0100	GSF	18' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	15.79	2.66
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.47*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.79*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.18*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.54*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.89*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.00*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.79*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.50*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.39*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0101	GSF	20' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.32	2.75
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.49*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.82*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.22*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.59*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.96*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.10*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.92*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.52*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.40*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0102	GSF	24' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	18.55	2.98
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.56*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.93*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.39*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.81*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.23*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.52*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.45*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.59*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.43*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0103 >180' To 200' Wide Triple Post 4-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0090)*

13 34 19 00-0104	GSF	14' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	14.56	2.40
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.44*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.73*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.09*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.42*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.75*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.77*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.49*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.46*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.36*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0105	GSF	16' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	14.97	2.49
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.45*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.75*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.12*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.46*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.80*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.84*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.59*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.47*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.37*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0106	GSF	18' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	15.56	2.58
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.47*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.78*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.17*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.52*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.87*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.96*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.73*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.49*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.38*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0107	GSF	20' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.14	2.66
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.48*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.81*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.21*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.57*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.94*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.07*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.87*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.51*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.39*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0108	GSF	24' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	18.39	2.89
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.55*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.92*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.38*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.79*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.21*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.49*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.41*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.59*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.42*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0109 Metal Building Options *(13 34 19 00-0001)*

Note: For use with metal buildings only. See CSI section 08 12 13 13-0000 for metal door frames, 08 13 13 13-0000 for metal doors, 08 33 23 00-0000 for coiling roll-up doors, 08 36 13 00-0000 for sectional doors, 08 51 13 00-0065 for sliding windows, 08 71 16 00-0000 for door hardware.

13 34 19 00-0110 Metal Framing For Rough Openings *(13 34 19 00-0109)*

13 34 19 00-0111	EA	Single Door, Metal Frame Rough Opening	310.12	99.46
13 34 19 00-0112	EA	Double Door, Metal Frame Rough Opening	456.30	128.76
13 34 19 00-0113	EA	10' x 10' Overhead Door, Metal Frame Rough Opening	509.40	122.10
13 34 19 00-0114	EA	12' x 12' Overhead Door, Metal Frame Rough Opening	545.53	124.32
13 34 19 00-0115	EA	14' x 14' Overhead Door, Metal Frame Rough Opening	576.36	128.76
13 34 19 00-0116	EA	Up To 12 SF, Window Opening, Metal Frame Rough Opening	301.57	99.46
13 34 19 00-0117	EA	>12 To 18 SF, Window Opening, Metal Frame Rough Opening	339.79	113.04
13 34 19 00-0118	LF	Additional Girts	9.05	

13 34 19 00-0119 Wall Panel Options For Metal Buildings *(13 34 19 00-0109)*

Note: Upgrade from 26 gauge wall panels.

13 34 19 00-0120	SF	Upgrade To 2" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile Note: 24 gauge exterior and 24 gauge interior panels.	7.74	
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0121	SF	Upgrade To 2-1/2" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile Note: 24 gauge exterior and 24 gauge interior panels.	9.51	
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0122	SF	Upgrade To 3" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile Note: 24 gauge exterior and 24 gauge interior panels.	11.12	
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0123	SF	Upgrade To 4" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile Note: 24 gauge exterior and 24 gauge interior panels.	13.02	
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	

13 34 19 00-0124 Roofing Options For Metal Buildings *(13 34 19 00-0109)*

Note: Upgrade from 26 gauge standing seam roof panels.

13 34 19 00-0125	SF	Upgrade To 24 Gauge Galvanized Steel Standing Seam Roof	0.74	
13 34 19 00-0126	SF	Upgrade To 4" Thick Insulated Roof Panel, Metal-Span III, CFR-42 Note: 24 gauge exterior and 24 gauge interior panels.	11.60	
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0127	SF	Upgrade To 5" Thick Insulated Roof Panel, Metal-Span III, CFR-42 Note: 24 gauge exterior and 24 gauge interior panels.	12.52	
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0128	SF	Upgrade To 6" Thick Insulated Roof Panel, Metal-Span III, CFR-42 Note: 24 gauge exterior and 24 gauge interior panels.	13.28	
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0129	EA	3' x 10' Translucent Fiberglass Panels	120.99	38.18
13 34 19 00-0130	LF	Vented Ridge Vent For Standing Seam Roof	22.53	

13 34 19 00-0131 Insulation For Metal Buildings *(13 34 19 00-0109)*

13 34 19 00-0132	SF	1-1/2" Thick, R-5.5, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	0.89	0.28
13 34 19 00-0133	SF	2-1/2" Thick, R-8, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	0.97	0.28
13 34 19 00-0134	SF	3-1/2" Thick, R-11, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	1.09	0.37
13 34 19 00-0135	SF	3-1/2" Thick, R-13, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	1.25	0.37
13 34 19 00-0136	SF	6" Thick, R-19, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	1.51	0.37
13 34 19 00-0137	SF	1-1/2" Thick, R-5.5, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.04	0.28
13 34 19 00-0138	SF	2-1/2" Thick, R-8, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.12	0.28
13 34 19 00-0139	SF	3-1/2" Thick, R-11, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.21	0.37
13 34 19 00-0140	SF	3-1/2" Thick, R-13, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.34	0.37
13 34 19 00-0141	SF	6" Thick, R-19, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.56	0.37
13 34 19 00-0142	SF	1-1/2" Thick, R-5.5, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	1.00	0.28
13 34 19 00-0143	SF	2-1/2" Thick, R-8, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	1.09	0.28
13 34 19 00-0144	SF	3-1/2" Thick, R-11, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	1.27	0.37
13 34 19 00-0145	SF	3-1/2" Thick, R-13, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	1.40	0.37
13 34 19 00-0146	SF	6" Thick, R-19, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	1.61	0.37
13 34 19 00-0147	SF	2" Thick, R-6.5, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	0.94	0.28
13 34 19 00-0148	SF	3" Thick, R-10, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	0.99	0.28
13 34 19 00-0149	SF	4" Thick, R-13, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	1.10	0.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0150	SF	6" Thick, R-19, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	1.35	0.37
13 34 19 00-0151	SF	2" Thick, R-6.5, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation	0.95	0.28
13 34 19 00-0152	SF	3" Thick, R-10, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation	1.00	0.28
13 34 19 00-0153	SF	4" Thick, R-13, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation	1.12	0.37
13 34 19 00-0154	SF	6" Thick, R-19, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation	1.38	0.37
13 34 19 00-0155	SF	2" Thick, R-6.5, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	1.20	0.28
13 34 19 00-0156	SF	3" Thick, R-10, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	1.27	0.28
13 34 19 00-0157	SF	4" Thick, R-13, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	1.39	0.37
13 34 19 00-0158	SF	6" Thick, R-19, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	1.65	0.37

13 34 19 00-0159 Eave And Overhang Options For Metal Buildings *(13 34 19 00-0109)*

13 34 19 00-0160	LF	2' End Wall Roof Overhang And 26 Gauge Soffit	37.31	6.93
13 34 19 00-0161	LF	4' End Wall Roof Overhang And 26 Gauge Soffit	56.63	4.97
13 34 19 00-0162	SF	Up To 20 SF, Prefinished Aluminum, Wall Hung Canopy	52.55	11.10
		Note: Up to 7' projection from wall. Includes finished underside and edges.		
		For End Braced (Up To 16' Wall Projection), Add	*12.03*	
		For Overhead Braced (Up To 10' Wall Projection), Add	*6.77*	
13 34 19 00-0163	SF	>20 To 50 SF, Prefinished Aluminum, Wall Hung Canopy	43.93	9.33
		Note: Up to 7' projection from wall. Includes finished underside and edges.		
		For End Braced (Up To 16' Wall Projection), Add	*10.05*	
		For Overhead Braced (Up To 10' Wall Projection), Add	*5.66*	
13 34 19 00-0164	SF	>50 SF, Prefinished Aluminum, Wall Hung Canopy	33.99	7.99
		Note: Up to 7' projection from wall. Includes finished underside and edges.		
		For End Braced (Up To 16' Wall Projection), Add	*7.70*	
		For Overhead Braced (Up To 10' Wall Projection), Add	*4.30*	
13 34 19 00-0165	SF	Up To 50 SF, Prefinished Aluminum, Free Standing Canopy	66.56	16.87
		Note: Includes finished underside and edges.		
13 34 19 00-0166	SF	>50 SF, Prefinished Aluminum, Free Standing Canopy	43.91	10.21
		Note: Includes finished underside and edges.		
13 34 19 00-0167	LF	1' Standard Eave Overhang Without Soffit	24.67	
13 34 19 00-0168	LF	2' Standard Eave Overhang Without Soffit	30.78	
13 34 19 00-0169	LF	3' Standard Eave Overhang Without Soffit	37.18	
13 34 19 00-0170	LF	4' Standard Eave Overhang Without Soffit	43.46	
13 34 19 00-0171	LF	6' Standard Eave Overhang Without Soffit	55.29	
13 34 19 00-0172	LF	1' Standard Eave Overhang And 26 Gauge Soffit	32.50	
		For 24 Gauge, Add	*3.17*	
13 34 19 00-0173	LF	2' Standard Eave Overhang And 26 Gauge Soffit	40.52	
		For 24 Gauge, Add	*4.00*	
13 34 19 00-0174	LF	3' Standard Eave Overhang And 26 Gauge Soffit	48.80	
		For 24 Gauge, Add	*4.79*	
13 34 19 00-0175	LF	4' Standard Eave Overhang And 26 Gauge Soffit	57.11	
		For 24 Gauge, Add	*5.58*	
13 34 19 00-0176	LF	6' Standard Eave Overhang And 26 Gauge Soffit	72.83	
		For 24 Gauge, Add	*7.20*	

13 34 19 00-0177 Louvers And Vents For Metal Buildings *(13 34 19 00-0109)*

13 34 19 00-0178	EA	4' x 3' Fixed Louver	439.91	138.53
13 34 19 00-0179	EA	12" Rotary Vent With Damper	270.22	88.80
13 34 19 00-0180	EA	20" Rotary Vent With Damper	450.95	118.55
13 34 19 00-0181	EA	24" Rotary Vent With Damper	581.52	133.20
13 34 19 00-0182	EA	Gravity Ridge Ventilator With Birdscreen, 9" Throat x 10'	683.18	177.61
13 34 19 00-0183	EA	Gravity Ridge Ventilator With Birdscreen, 12" Throat x 10'	720.51	177.61
13 34 19 00-0184	EA	Ridge Ventilator - 9" Throat X 10 Ft, Manually Operated Damper With Birdscreen	818.23	177.61
13 34 19 00-0185	EA	Ridge Ventilator - 12" Throat X 10 Ft, Manually Operated Damper With Birdscreen	882.54	177.61
13 34 19 00-0186	EA	Ridge Ventilator - 15" Throat X 10 Ft, Manually Operated Damper With Birdscreen	953.28	177.61
13 34 19 00-0187	EA	Ridge Ventilator - 18" Throat X 10 Ft, Manually Operated Damper With Birdscreen	1,024.02	177.61
13 34 19 00-0188	EA	Ridge Ventilator - 9" Throat X 10 Ft, Motor Operated Damper With Birdscreen	1,337.91	222.00
13 34 19 00-0189	EA	Ridge Ventilator - 12" Throat X 10 Ft, Motor Operated Damper With Birdscreen	1,453.67	222.00

13 34 19 00-0190 Gutters And Downspouts For Metal Buildings *(13 34 19 00-0109)*

13 34 19 00-0191	LF	Pre-Engineered Standard Type Gutter, Painted	10.95	2.22
		For Galvanized Instead Of Painted, Deduct	*-1.63*	
13 34 19 00-0192	LF	Pre-Engineered Standard Type Downspout, Painted	8.81	3.11
		For Galvanized Instead Of Painted, Deduct	*-0.65*	

13 34 23 Fabricated Structures *(13 34)*

13 34 23 13 Portable And Mobile Buildings *(13 34 23)*

Note: Includes material, delivery to site, factory design analysis and report, shop drawings and assembly of building on site. Tie down with hurricane anchors on approved foundation. Excludes utility hook-ups and foundation.

13 34 23 13-0001 Prefabricated Signal, Communication Or Electrical Building *(13 34 23 13)*

Note: Complete, includes door, roof, lights and wiring, insulation, painted.

13 34 23 13-0002	SF	15 SF To 29 SF Prefabricated Signal, Communication Or Electrical Building	517.60
13 34 23 13-0003	SF	30 SF To 49 SF Prefabricated Signal, Communication Or Electrical Building	443.90
13 34 23 13-0004	SF	50 SF To 79 SF Prefabricated Signal, Communication Or Electrical Building	355.26
13 34 23 13-0005	SF	80 SF To 99 SF Prefabricated Signal, Communication Or Electrical Building	281.14
13 34 23 13-0006	SF	100 SF To 144 SF Prefabricated Signal, Communication Or Electrical Building	251.31

13 34 23 13-0007 Relocate Trailer Within 5 Miles *(13 34 23 13)*

Note: Includes removal of tie-downs and underpins. Set-up tie-downs.

13 34 23 13-0008	EA	Relocate Single Trailer Within 5 Miles	892.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 23 13-0009	SF	Install Under-Pinning	2.44	
13 34 23 13-0010		**Temporary Trailers 1 To 6 Years Life** *(13 34 23 13)* Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, phone jacks, two wooden landings, stairs, and handrails. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.		
13 34 23 13-0011	SF	Single Trailer Up To 14' x 73'	32.55	
		For Each Delivery And Set-Up (Block And Level), Add	*1,181.84*	
		For Each Knock-Down And Pick-Up, Add	*901.84*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
13 34 23 13-0012	SF	Modular Trailers, Connected	45.56	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
		For Each Delivery And Set-Up (Block And Level), Add	*2,610.39*	
		For Each Knock-Down And Pick-Up, Add	*1,960.39*	
13 34 23 13-0013	EA	Add Per Additional Exterior Door With Frame And Hardware	488.19	
13 34 23 13-0014		**Semi Permanent Modular Transportable Buildings** *(13 34 23 13)*		
13 34 23 13-0015	SF	Portable Classrooms, Complete With Doors, Windows, Fixtures, Toilets And Workroom	48.49	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
		For Each Delivery And Set-Up (Block And Level), Add	*2,610.39*	
		For Each Knock-Down And Pick-Up, Add	*1,960.39*	
13 34 23 13-0016	SF	Modular Classroom, Connected, Complete With Doors, Windows, Fixtures, Toilets And Teachers Work Room	49.93	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
		For Each Delivery And Set-Up (Block And Level), Add	*2,610.39*	
		For Each Knock-Down And Pick-Up, Add	*1,960.39*	
13 34 23 13-0017		**Accessories** *(13 34 23 13)*		
13 34 23 13-0018		**Skirting** *(13 34 23 13-0017)* Note: Includes 2" x 4" wood framing 16" on center.		
13 34 23 13-0019		**Vinyl Covered, Exterior Only** *(13 34 23 13-0018)*		
13 34 23 13-0020	SF	1'-8" High Vinyl Covered Skirt	3.27	1.40
13 34 23 13-0021	SF	3' High Vinyl Covered Skirt	4.93	2.30
13 34 23 13-0022		**Fiberglass, Exterior Only** *(13 34 23 13-0018)*		
13 34 23 13-0023	SF	1'-8" High Fiberglass Skirt	6.03	2.63
13 34 23 13-0024	SF	3' High Fiberglass Skirt	7.08	3.21
13 34 23 13-0025		**Plywood, Exterior Only** *(13 34 23 13-0018)*		
13 34 23 13-0026	SF	1'-8" High 5/8" Plywood Skirt	5.84	2.79
13 34 23 13-0027	SF	3' High 5/8" Plywood Skirt	6.94	3.37
13 34 23 13-0028		**Steel, Painted, Exterior Only** *(13 34 23 13-0018)*		
13 34 23 13-0029	SF	1'-8" High 26 Gauge Steel Skirt	6.41	2.63
13 34 23 13-0030	SF	3' High 26 Ga. Steel Skirt	7.51	3.21
13 34 23 13-0031		**14" x 14" Access Hatch** *(13 34 23 13-0017)* Note: Simple design.		
13 34 23 13-0032	EA	14" x 14" Vinyl Covered Access Hatch	159.95	61.62
13 34 23 13-0033	EA	14" x 14" Fiberglass Access Hatch	142.80	61.62
13 34 23 13-0034	EA	14" x 14" Plywood Access Hatch	159.02	61.62
13 34 23 13-0035	EA	14" x 14" 26 Gauge Steel Access Hatch	159.78	61.62
13 34 23 16		**Fabricated Control Booths** *(13 34 23)*		
13 34 23 16-0001		**Fabricated Parking Attendant Booths** *(13 34 23 16)* Note: Excludes foundations and slab.		
13 34 23 16-0002	EA	Parking Booth For Attendant	1,053.32	
13 34 23 31		**Fabricated Pavilion Style Buildings** *(13 34 23)*		
13 34 23 31-0001		**Pavilion Style Metal Shelter Structures** *(13 34 23 31)* Note: Prefabricated open structure system, complete with all necessary hardware. Hip roof, steel structural rafters and columns, urethane/polyester (TGIC) powder finish, aluminum roof decking, 8' height at perimeter. Excludes foundations and slab. Americana or equal.		
13 34 23 31-0002	EA	12' x 12' Metal Shelter Structure	8,736.91	1,702.84
13 34 23 31-0003	EA	16' x 16' Metal Shelter Structure	10,260.90	1,776.90
13 34 23 31-0004	EA	16' x 32' Metal Shelter Structure	13,088.95	1,895.36
13 34 23 31-0005	EA	20' x 20' Metal Shelter Structure	12,294.11	1,836.12
13 34 23 31-0006	EA	20' x 30' Metal Shelter Structure	15,210.53	2,013.82
13 34 23 31-0007	EA	20' x 40' Metal Shelter Structure	18,126.63	2,073.04
13 34 23 31-0008	EA	24' x 24' Metal Shelter Structure	15,032.54	1,895.36
13 34 23 31-0009	EA	24' x 48' Metal Shelter Structure	21,220.96	2,369.20
13 34 23 31-0010	EA	30' x 30' Metal Shelter Structure	20,399.87	2,369.20
13 34 23 31-0011	EA	30' x 60' Metal Shelter Structure	37,304.27	2,961.49
13 34 23 31-0012	EA	40' x 40' Metal Shelter Structure	34,651.82	3,701.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 23 31-0013	EA	40' x 60' Metal Shelter Structure	50,035.02	4,146.08

13 40 Integrated Construction *(13)*

13 48 Sound, Vibration, And Seismic Control *(13 40)*

13 48 63 Fabricated Seismic Control Assemblies *(13 48)*

13 48 63 00-0001 Seismic Bracing Assembly *(13 48 63)*

13 48 63 00-0002	EA	4-Bolt Deck Anchor Connection For Seismic Brace Note: Includes drilling into concrete, bolts, anchor plate, seismic bracket attached with bolt, nut and washer.	114.60	
13 48 63 00-0003	EA	2 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	105.70	
13 48 63 00-0004	EA	3 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	158.53	
13 48 63 00-0005	EA	4 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	205.21	
13 48 63 00-0006	EA	2 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	191.14	
13 48 63 00-0007	EA	3 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	283.60	
13 48 63 00-0008	EA	4 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	376.07	
13 48 63 00-0009	EA	2 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	127.72	
13 48 63 00-0010	EA	3 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	188.48	
13 48 63 00-0011	EA	4 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	249.24	

13 48 63 00-0012 Seismic Restraints *(13 48 63)*

13 48 63 00-0013	EA	1" x 1" Seismic Fastener, Gray, Drilled With 0.187 Diameter Hole Note: Adhesive applied.	3.10	0.81
13 48 63 00-0014	EA	1" x 1" Seismic Fastener, Gray, Adhesive Applied	2.28	0.40
13 48 63 00-0015	EA	1" x 2" Seismic Fastener, Gray, Drilled With (2) 0.187 Diameter Hole Note: Adhesive applied.	4.02	1.02
13 48 63 00-0016	EA	1" x 2" Seismic Fastener, Gray, Adhesive Applied	2.91	0.51
13 48 63 00-0017	EA	2" x 2" Seismic Fastener, Gray, Adhesive Applied	3.66	0.59
13 48 63 00-0018	EA	2" x 3" Seismic Fastener, Gray, Adhesive Applied	5.99	0.71
13 48 63 00-0019	LF	3/4" Wide Seismic Strap, Gray	149.88	0.61
13 48 63 00-0020	LF	1" Wide Seismic Strap, Gray	261.67	0.61
13 48 63 00-0021	EA	3/4" Wide x 4" Long Seismic Strap, Gray	1.36	0.40
13 48 63 00-0022	EA	3/4" Wide x 12" Long Seismic Strap, Gray	5.84	1.22
13 48 63 00-0023	LF	Seismic Chord, Black	268.36	0.61
13 48 63 00-0024	LF	SAFELOK Seismic Fastener, Black	2.22	0.61

13 48 63 00-0025 Seismic Brace Components *(13 48 63)*

13 48 63 00-0026	EA	1/8" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-1 Note: To be used with 7x19 stranded cable.	18.93	
13 48 63 00-0027	EA	3/16" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-2 Note: To be used with 7x19 stranded cable.	25.27	
13 48 63 00-0028	EA	1/4" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-3 Note: To be used with 7x19 stranded cable.	32.90	
13 48 63 00-0029	EA	3/8" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-4 Note: To be used with 7x19 stranded cable.	44.31	
13 48 63 00-0030	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-1 Note: To be used with angle or channel.	17.89	
13 48 63 00-0031	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-2 Note: To be used with angle or channel.	23.48	
13 48 63 00-0032	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-3 Note: To be used with angle or channel.	30.26	
13 48 63 00-0033	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-4 Note: To be used with angle or channel.	40.24	
13 48 63 00-0034	EA	1/8" Cable Diameter Seismic Cable Brace Hook Anchor; Mason SCBH-1 Note: To be used with 7x19 stranded cable.	21.28	
13 48 63 00-0035	EA	3/16" Cable Diameter Seismic Cable Brace Hook Anchor; Mason SCBH-2 Note: To be used with 7x19 stranded cable.	27.47	
13 48 63 00-0036	EA	1/4" Cable Diameter Seismic Cable Brace Hook Anchor; Mason SCBH-3 Note: To be used with 7x19 stranded cable.	37.45	
13 48 63 00-0037	EA	1/8" Cable Diameter Seismic Cable Brace Vise Anchor; Mason SCBV-1 Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	35.85	
13 48 63 00-0038	EA	3/16" Cable Diameter Seismic Cable Brace Vise Anchor; Mason SCBV-2 Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	49.62	
13 48 63 00-0039	EA	1/4" Cable Diameter Seismic Cable Brace Vise Anchor; Mason SCBV-3 Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	66.98	
13 48 63 00-0040	EA	Seismic Rod Clamp; Mason SRC-1 Note: To be used on 3/8" through 5/8" rod. 1" x 1" x 1/4" Angle or Stiffener not included.	15.53	
13 48 63 00-0041	EA	Seismic Rod Clamp; Mason SRC-1 1/2 Note: To be used on 3/8" through 1" rod. 1-1/2" x 1-1/2" x 1/4" Angle or Stiffener not included.	18.72	
13 48 63 00-0042	EA	Seismic Rod Clamp; Mason SRC-2 Note: To be used on 3/8" through 1-1/4" rod. 2" x 2" x 1/4" Angle or Stiffener not included.	23.11	

13 49 Radiation Protection *(13 40)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 49 13		**Integrated X-Ray Shielding Assemblies** *(13 49)*		
13 49 13 00-0001		Lead Shielding *(13 49 13)* See CSI section 09 29 00 00-0054 for finishing tasks.		
13 49 13 00-0002	SF	1/16" Sheet Lead Shielding	16.96	4.89
13 49 13 00-0003	SF	1/8" Sheet Lead Shielding	24.95	5.29
13 49 13 00-0004	SF	1/4" Sheet Lead Shielding	39.64	5.71
13 49 13 00-0005	SF	1/2" Sheet Lead Shielding	71.11	7.34
13 49 16		**Modular X-Ray Shielding Rooms** *(13 49)*		
13 49 16 00-0001		X-Ray Barriers, Modular *(13 49 16)* Note: Panels mounted within framework for attaching to floor, wall or ceiling, upper portion is clear lead plastic window panels 48" high, lower portion is opaque leaded steel panels 36" high. Excludes structural supports.		
13 49 16 00-0002		1-Section Barrier, 36"W x 84"H *(13 49 16 00-0001)*		
13 49 16 00-0003	EA	0.5mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	2,509.59	102.89
13 49 16 00-0004	EA	0.8mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	2,657.27	102.89
13 49 16 00-0005	EA	1.0mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	2,757.49	123.46
13 49 16 00-0006	EA	1.5mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	2,934.71	123.46
13 49 16 00-0007		2-Section Barrier, 72"W x 84"H *(13 49 16 00-0001)*		
13 49 16 00-0008	EA	0.5mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	5,320.85	164.61
13 49 16 00-0009	EA	0.8mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	5,527.60	164.61
13 49 16 00-0010	EA	1.0mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	5,716.48	185.19
13 49 16 00-0011	EA	1.5mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	6,171.09	205.76
13 49 16 00-0012		3-Section Barrier, 108"W x 84"H *(13 49 16 00-0001)*		
13 49 16 00-0013	EA	0.5mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	8,031.88	205.76
13 49 16 00-0014	EA	0.8mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	8,415.85	205.76
13 49 16 00-0015	EA	1.0mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	8,645.85	246.91
13 49 16 00-0016	EA	1.5mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	9,277.66	267.50
13 49 16 00-0017		X-Ray Barriers, Mobile *(13 49 16)* Note: Mounted within framework with casters on bottom, clear lead plastic window panels on upper portion, opaque on lower.		
13 49 16 00-0018		30"W x 75"H, Includes Framework *(13 49 16 00-0017)*		
13 49 16 00-0019	EA	24"H Upper With 0.5mm LE, 48"H Lower With 0.8mm LE Mobile X-Ray Barriers	1,665.25	20.37
13 49 16 00-0020		48"W x 75"H, Includes Framework *(13 49 16 00-0017)*		
13 49 16 00-0021	EA	36"H Upper With 0.5mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	2,935.30	20.37
13 49 16 00-0022	EA	36"H Upper With 1.0mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	3,526.03	20.37
13 49 16 00-0023		72"W x 75"H, Includes Framework *(13 49 16 00-0017)*		
13 49 16 00-0024	EA	36"H Upper With 0.5mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	3,466.96	20.37
13 49 16 00-0025	EA	36"H Upper With 1.0mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	4,382.58	20.37
13 49 19		**Lead-Lined Materials** *(13 49)*		
13 49 19 16		**Lead-Lined Drywall** *(13 49 19)*		
13 49 19 16-0001		Lead Lined Drywall *(13 49 19 16)* See CSI section 09 29 00 00-0054 for finishing tasks.		
13 49 19 16-0002	SF	1/32" Lead Lined 5/8" Fire Rated Drywall	7.69	1.07
13 49 19 16-0003	SF	1/16" Lead Lined 5/8" Fire Rated Drywall	12.25	1.28
13 49 19 16-0004	SF	1/8" Lead Lined 5/8" Fire Rated Drywall	21.01	1.54

END OF SECTION 13

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

14 Conveying Equipment

14 01 Operation And Maintenance Of Conveying Equipment *(14)*

14 01 20 Operation And Maintenance Of Elevators *(14 01)*

14 01 20 00-0001 Elevator Maintenance *(14 01 20)*

14 01 20 00-0002	HR	Elevator Servicing, Labor Only Note: Minimum 8 Hour	125.00	
14 01 20 00-0003	EA	Regular Elevator Inspection, Electric Up To 10 Floors (Sufficient For Issue Of Certificate/Permit)	728.43	
14 01 20 00-0004	EA	Regular Elevator Inspection, Electric Over 10 Floors (Sufficient For Issue Of Certificate/Permit)	910.54	
14 01 20 00-0005	EA	Regular Elevator Inspection, Hydraulic (Sufficient For Issue Of Certificate/Permit)	546.33	
14 01 20 00-0006	EA	Regular Elevator Inspection, Roped Hydraulic (Sufficient For Issue Of Certificate/Permit)	591.85	
14 01 20 00-0007	EA	Regular Elevator Inspection, Dumbwaiters/Cart Lifts (Sufficient For Issue Of Certificate/Permit)	159.35	
14 01 20 00-0008	EA	Full Load Test For Traction And Winding Drum Elevator Up To 10 Floors	641.65	
14 01 20 00-0009	EA	Full Load Test For Traction And Winding Drum Elevator Over 10 Floors	732.70	
14 01 20 00-0010	EA	Full Load Test For Hydraulic Elevator	459.54	
14 01 20 00-0011	EA	Full Load Test For Roped Hydraulic Elevator	573.36	
14 01 20 00-0012	EA	Full Load Test For Dumbwaiters/Cart Lifts	527.83	
14 01 20 00-0013	EA	Acceptance Test Of Traction And Winding Drum Elevator Up To 10 Floors	2,731.62	
14 01 20 00-0014	EA	Acceptance Test Of Traction And Winding Drum Elevator Over 10 Floors	3,004.77	
14 01 20 00-0015	EA	Acceptance Test Of Hydraulic Elevator	2,595.03	
14 01 20 00-0016	EA	Acceptance Test Of Roped Hydraulic Elevator	2,686.09	
14 01 20 00-0017	EA	Acceptance Test Of Dumbwaiters/Cart Lifts	1,593.44	

14 01 20 00-0018 Elevator Modernization *(14 01 20)*

Note: Includes removal of existing and replacement with new.

14 01 20 00-0019	EA	4" Piston (Hydraulic) Unit Up To 3 Stories (2000# x 50 FPM) Note: Includes replacing existing piston, hydraulic pump, motor supply lines, hydraulic valves and ports.	21,156.15	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add *Note: Deduct if <3 stops.*	*3,155.00*	
14 01 20 00-0020	EA	6" Piston (Hydraulic) Unit Up To 3 Stories (2500# x 100 FPM) Note: Includes replacing existing piston, hydraulic pump, motor supply lines, hydraulic valves and ports.	26,134.65	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add *Note: Deduct if <3 stops.*	*3,155.00*	
14 01 20 00-0021	EA	8" Piston (Hydraulic) Unit Up To 3 Stories (3000# x 100 FPM) Note: Includes replacing existing piston, hydraulic pump, motor supply lines, hydraulic valves and ports.	39,858.21	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add *Note: Deduct if <3 stops.*	*3,155.00*	
14 01 20 00-0022	EA	10" Piston (Hydraulic) Unit Up To 3 Stories (4000# x 100 FPM) Note: Includes replacing existing piston, hydraulic pump, motor supply lines, hydraulic valves and ports.	54,565.96	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add *Note: Deduct if <3 stops.*	*3,155.00*	
14 01 20 00-0023	EA	12" Piston (Hydraulic) Unit Up To 3 Stories (6000# x 100 FPM) Note: Includes replacing existing piston, hydraulic pump, motor supply lines, hydraulic valves and ports.	64,984.81	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add *Note: Deduct if <3 stops.*	*3,155.00*	
14 01 20 00-0024	EA	Replace Multi-Port Controller Valve System	9,330.72	
14 01 20 00-0025	SET	Car Roller Guide Assembly, Set Of Four	3,978.05	727.30
14 01 20 00-0026	EA	New Door Opening, Excluding Buildback	6,958.94	
14 01 20 00-0027	SF	Cab Flooring, Epoxy Aggregate Flooring	17.97	6.67
14 01 20 00-0028	SF	Cab Flooring, Aluminum Diamond Plate	39.86	9.70
14 01 20 00-0029	EA	Car Stop Electronic Leveling Device (Per Car)	3,974.34	484.86
14 01 20 00-0030	EA	Electronic Leveling Device At Stop (Per Stop)	891.39	181.82
14 01 20 00-0031	EA	Hoistway Door Hangers Set	801.89	181.82
14 01 20 00-0032	EA	Hoistway Door Closer Set	371.49	96.97
14 01 20 00-0033	EA	Hoistway Door Interlock Set	581.92	151.52
14 01 20 00-0034	EA	Fire Service Switch Controller	1,779.68	181.82
14 01 20 00-0035	EA	Telephone Dialers For Elevator Viking Electronics #K-1500-4	551.05	121.22
14 01 20 00-0036	EA	Car Door Operators With ADA Buzzer	6,668.92	242.43
14 01 20 00-0037	EA	Car Door Safety Edges (Infrared Proximity Type Edge)	4,830.91	242.43
14 01 20 00-0038	EA	Car Operating Panel (ADA, Fire, Position, Chime)	11,585.88	
14 01 20 00-0039	EA	Car Position LED Indicator And Cover Plate, Stainless Steel	487.67	84.85
14 01 20 00-0040	EA	Car Traveling Lanterns With Audible Signal	3,290.44	363.65
14 01 20 00-0041	EA	Hoistway Door Jam Floor Tags (Braille)	127.26	
14 01 20 00-0042	EA	Lobby Vandal Resistant Call Station	692.32	121.22
14 01 20 00-0043	EA	Car Voice Synthesized Floor Announcement Module	3,267.17	
14 01 20 00-0044	LF	Traveling Cable (140 Conductors, #16 AWG Type ETT)	18.75	9.09
14 01 20 00-0045	LF	Governor Cable	8.27	4.24
14 01 20 00-0046	EA	Cab Walls Coverings (3500#, Rigid Stainless Steel)	10,243.03	969.73
14 01 20 00-0047	EA	Remove And Replace Governor	5,190.35	
14 01 20 00-0048	EA	Remove And Replace Car Station	7,395.90	
14 01 20 00-0049	EA	Remove And Replace Telephone	3,177.53	
14 01 20 00-0050	EA	Remove And Replace Lanterns	2,452.43	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 00-0051	EA	Hall Call Buttons, Vandal Resistant	512.20	151.52
14 01 20 00-0052	EA	Hall Traveling Lanterns With Audible Signal	912.31	212.13
14 01 20 00-0053	EA	Add Raised Character (Braille) Signage To Control Panel	279.28	
14 01 20 00-0054	EA	Reprogram Existing Controller, Signal Fixtures	18,386.65	
14 01 20 00-0055	EA	New Walls And Platform, Plastic Laminate, For 5' x 7' Cab	7,251.71	606.08
14 01 20 00-0056	EA	New Walls And Platform, Plastic Laminate With Shell, For 5' x 7' Cab	10,239.23	727.30
14 01 20 00-0057	EA	Replace Elevator Or Hoistway Doors, Baked Enamel	8,655.88	848.51
14 01 20 00-0058	EA	Reopening Device, Manual	3,559.36	424.26
14 01 20 00-0059	EA	Reopening Device, Automatic	16,905.94	424.26
14 01 20 00-0060	EA	Elevator Pit Ladder	1,417.94	484.86
14 01 20 00-0061	EA	New Walls And Platform, Partial Cab Plastic Laminate, For 5' x 7' Cab	9,368.34	606.08
14 01 20 00-0062	LF	Replace Lifting Cable, 3/8" - Liftpack; Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 4.5, EHS Traction Steel - 5.5	16.12	9.09
14 01 20 00-0063	LF	Replace Lifting Cable, 1/2" - Liftpack; Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 8.0, EHS Traction Steel - 9.7	17.76	9.09
14 01 20 00-0064	LF	Replace Lifting Cable, 5/8" - Liftpack; Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 12.7, EHS Traction Steel - 15.4	19.78	9.09
14 01 20 00-0065	EA	Hydraulic Leak Detector And Alarm In Elevator Pit (Sensorcomm Inc)	3,761.89	121.22
14 01 20 00-0066	LF	6" Wide Elevator Door Jamb Wrapped With 0.030" Stainless Steel	222.79	20.25
14 01 20 00-0067	LF	8" Wide Elevator Door Jamb Wrapped With 0.030" Stainless Steel	123.70	45.54
14 01 20 00-0068	LF	10" Wide Elevator Door Jamb Wrapped With 0.030" Stainless Steel	132.67	45.67
14 01 20 00-0069	LF	12" Wide Elevator Door Jamb Wrapped With 0.030" Stainless Steel	60.61	45.70
14 01 20 00-0070	EA	"RopeGripper" With Pumping Unit For Use On 4-7/8" Maximum Out To Out Of Cable	4,835.50	727.30
14 01 20 00-0071	EA	"RopeGripper" With Pumping Unit For Use On 6" Maximum Out To Out Of Cable	6,392.96	848.51
14 01 20 00-0072	EA	"RopeGripper" With Pumping Unit For Use On 10" Maximum Out To Out Of Cable	8,441.08	969.73
14 01 20 00-0073	EA	"RopeGripper" With Pumping Unit For Use On 11-1/2" Maximum Out To Out Of Cable	9,429.49	1,030.34
14 01 20 00-0074	EA	60 AMP Bussmann Power Module Switch, 480 - 120V CPT, Firesafety Interface Relay, Mechanical Interlock	2,671.40	121.22
14 01 20 00-0075	EA	100 AMP Bussmann Power Module Switch, 480 - 120V CPT, Firesafety Interface Relay, Mechanical Interlock	3,066.41	145.46
14 01 20 00-0076	EA	200 AMP Bussmann Power Module Switch, 480 - 120V CPT, Firesafety Interface Relay, Mech Interlock	4,078.82	169.71
14 01 20 00-0077	EA	Aluminum Handrail Spacers With Set Screw	21.87	4.56
14 01 20 00-0078	EA	Bronze Handrail Spacers With Set Screw	35.70	4.56
14 01 20 00-0079	LF	1/2" x 2" Obround Stainless Steel Elevator Handrail	47.27	3.41
14 01 20 00-0080	LF	3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	65.36	3.41
14 01 20 00-0081	LF	3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	88.16	3.64
14 01 20 00-0082	LF	3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	102.61	3.41
14 01 20 00-0083	LF	3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	124.34	3.64
14 01 20 00-0084	LF	3/8" x 2" Flat Bar Bronze Elevator Handrail, Brushed Finish	80.26	3.41
14 01 20 00-0085	LF	3/8" x 3" Flat Bar Bronze Elevator Handrail, Brushed Finish	103.06	3.64
14 01 20 00-0086	LF	3/8" x 2" Flat Bar Bronze Elevator Handrail, Mirror Finish	110.06	3.41
14 01 20 00-0087	LF	3/8" x 3" Flat Bar Bronze Elevator Handrail, Mirror Finish	132.86	3.64
14 01 20 00-0088	LF	3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	69.25	3.41
14 01 20 00-0089	LF	3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	75.58	3.41
14 01 20 00-0090	LF	3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	101.36	3.64
14 01 20 00-0091	LF	3/8" x 3" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	114.02	3.64
14 01 20 00-0092	LF	3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	106.33	3.41
14 01 20 00-0093	LF	3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	113.57	3.41
14 01 20 00-0094	LF	3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	132.11	3.64
14 01 20 00-0095	LF	3/8" x 3" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	144.77	3.64
14 01 20 00-0096	LF	3/8" x 1-1/2" Diameter Tubular Bronze Elevator Handrail, Brushed Finish	80.26	3.41
14 01 20 00-0097	LF	3/8" x 2" Diameter Tubular Bronze Elevator Handrail, Brushed Finish	87.71	3.41
14 01 20 00-0098	LF	3/8" x 2-1/2" Diameter Tubular Bronze Elevator Handrail, Brushed Finish	117.96	3.64
14 01 20 00-0099	LF	3/8" x 3" Diameter Tubular Bronze Elevator Handrail, Brushed Finish	132.86	3.64
14 01 20 00-0100	LF	3/8" x 1-1/2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	123.89	3.41
14 01 20 00-0101	LF	3/8" x 2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	132.41	3.41
14 01 20 00-0102	LF	3/8" x 2-1/2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	154.14	3.64
14 01 20 00-0103	LF	3/8" x 3" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	169.04	3.64

14 01 30 Operation And Maintenance Of Escalators And Moving Walks *(14 01)*

14 01 30 00-0001 Maintenance *(14 01 30)*

14 01 30 00-0002	EA	Regular Escalator Inspection (Sufficient For Issue Of Certificate/Permit)	546.33	
14 01 30 00-0003	HR	Escalator Servicing, Labor Only	91.05	
14 01 30 00-0004	EA	Acceptance Test Of Escalators And Moving Walks	3,004.77	

14 01 30 00-0005 Modernization *(14 01 30)*

14 01 30 00-0006	EA	Replace 28" Wide Escalator Stair Tread	1,672.26	
14 01 30 00-0007	EA	Replace 36" Wide Escalator Stair Tread	1,808.50	
14 01 30 00-0008	EA	Replace 48" Wide Escalator Stair Tread	1,913.23	
14 01 30 00-0009	EA	Replace 54" Wide Escalator Stair Tread	2,072.43	
14 01 30 00-0010	LF	Replace Sliding Handrail	151.72	

14 20 Elevators *(14)*

Note: Excludes final electrical work or shaft walls.

14 21 Electric Traction Elevators *(14 20)*

14 21 13 Electric Traction Freight Elevators *(14 21)*

14 21 13 00-0001 Selective-Collective Freight Elevators AC Rheostatic *(14 21 13)*

Note: Painted metal shaft doors and steel painted cab. Unit prices are based on shaft of 8 stops and 8 openings with power doors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 13 00-0002	EA	Collective Freight Elevator, 4000 # x 100 FPM	229,415.72	14,221.32
		For Each Additional 50 FPM, Add	*2,165.00*	
		For Each Additional 500 Lb., Add	*2,619.00*	
		For Each Additional Stop, Add	*4,461.00*	
		Note: Deduct if <6 stops.		
		For Variable Voltage Construction, Add	*10,048.65*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Bi-Parting Doors, Add	*894.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Class "B" Loading, Add	*1,400.00*	
		For Class "C-1" Loading, Add	*3,350.00*	
		For Class "C-2" Loading, Add	*3,790.00*	
		For Class "C-3" Loading, Add	*5,175.00*	
14 21 13 00-0003	EA	Collective Freight Elevator, 6000 # x 100 FPM	236,351.02	15,315.25
		For Each Additional 50 FPM, Add	*2,165.00*	
		For Each Additional 500 Lb., Add	*2,619.00*	
		For Each Additional Stop, Add	*4,461.00*	
		Note: Deduct if <6 stops.		
		For Variable Voltage Construction, Add	*10,286.02*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Bi-Parting Doors, Add	*894.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Class "B" Loading, Add	*1,400.00*	
		For Class "C-1" Loading, Add	*3,350.00*	
		For Class "C-2" Loading, Add	*3,790.00*	
		For Class "C-3" Loading, Add	*5,175.00*	
14 21 13 00-0004	EA	Collective Freight Elevator, 8000 # x 100 FPM	240,486.02	16,591.50
		For Each Additional 50 FPM, Add	*2,165.00*	
		For Each Additional 500 Lb., Add	*2,619.00*	
		For Each Additional Stop, Add	*4,461.00*	
		Note: Deduct if <6 stops.		
		For Variable Voltage Construction, Add	*10,365.15*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Bi-Parting Doors, Add	*894.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Class "B" Loading, Add	*1,400.00*	
		For Class "C-1" Loading, Add	*3,350.00*	
		For Class "C-2" Loading, Add	*3,790.00*	
		For Class "C-3" Loading, Add	*5,175.00*	
14 21 13 00-0005	EA	Collective Freight Elevator, 4000 # x 150 FPM	231,236.06	15,131.48
		For Each Additional 50 FPM, Add	*2,165.00*	
		For Each Additional 500 Lb., Add	*2,619.00*	
		For Each Additional Stop, Add	*4,461.00*	
		Note: Deduct if <6 stops.		
		For Variable Voltage Construction, Add	*10,048.65*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Bi-Parting Doors, Add	*894.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Class "B" Loading, Add	*1,400.00*	
		For Class "C-1" Loading, Add	*3,350.00*	
		For Class "C-2" Loading, Add	*3,790.00*	
		For Class "C-3" Loading, Add	*5,175.00*	
14 21 13 00-0006	EA	Collective Freight Elevator, 6000 # x 150 FPM	238,052.72	16,166.14
		For Each Additional 50 FPM, Add	*2,165.00*	
		For Each Additional 500 Lb., Add	*2,619.00*	
		For Each Additional Stop, Add	*4,461.00*	
		Note: Deduct if <6 stops.		
		For Variable Voltage Construction, Add	*10,286.02*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Bi-Parting Doors, Add	*894.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Class "B" Loading, Add	*1,400.00*	
		For Class "C-1" Loading, Add	*3,350.00*	
		For Class "C-2" Loading, Add	*3,790.00*	
		For Class "C-3" Loading, Add	*5,175.00*	
14 21 13 00-0007	EA	Collective Freight Elevator, 8000 # x 150 FPM	244,074.91	17,594.72
		For Each Additional 50 FPM, Add	*2,165.00*	
		For Each Additional 500 Lb., Add	*2,619.00*	
		For Each Additional Stop, Add	*4,461.00*	
		Note: Deduct if <6 stops.		
		For Variable Voltage Construction, Add	*10,444.27*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Bi-Parting Doors, Add	*894.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Class "B" Loading, Add	*1,400.00*	
		For Class "C-1" Loading, Add	*3,350.00*	
		For Class "C-2" Loading, Add	*3,790.00*	
		For Class "C-3" Loading, Add	*5,175.00*	
14 21 13 00-0008	EA	Collective Freight Elevator, 4000 # x 200 FPM	233,562.70	15,503.55
		For Each Additional 50 FPM, Add	*2,165.00*	
		For Each Additional 500 Lb., Add	*2,619.00*	
		For Each Additional Stop, Add	*4,461.00*	
		Note: Deduct if <6 stops.		
		For Variable Voltage Construction, Add	*10,127.78*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Bi-Parting Doors, Add	*894.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Class "B" Loading, Add	*1,400.00*	
		For Class "C-1" Loading, Add	*3,350.00*	
		For Class "C-2" Loading, Add	*3,790.00*	
		For Class "C-3" Loading, Add	*5,175.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 13 00-0009	EA	Collective Freight Elevator, 6000 # x 200 FPM	240,486.02	16,591.50
		For Each Additional 50 FPM, Add	*2,165.00*	
		For Each Additional 500 Lb., Add	*2,619.00*	
		For Each Additional Stop, Add	*4,461.00*	
		Note: Deduct if <6 stops.		
		For Variable Voltage Construction, Add	*10,365.15*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Bi-Parting Doors, Add	*894.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Class "B" Loading, Add	*1,400.00*	
		For Class "C-1" Loading, Add	*3,350.00*	
		For Class "C-2" Loading, Add	*3,790.00*	
		For Class "C-3" Loading, Add	*5,175.00*	
14 21 13 00-0010	EA	Collective Freight Elevator, 8000 # x 200 FPM	252,997.47	18,099.86
		For Each Additional 50 FPM, Add	*2,165.00*	
		For Each Additional 500 Lb., Add	*2,619.00*	
		For Each Additional Stop, Add	*4,461.00*	
		Note: Deduct if <6 stops.		
		For Variable Voltage Construction, Add	*10,839.89*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Bi-Parting Doors, Add	*894.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Class "B" Loading, Add	*1,400.00*	
		For Class "C-1" Loading, Add	*3,350.00*	
		For Class "C-2" Loading, Add	*3,790.00*	
		For Class "C-3" Loading, Add	*5,175.00*	

14 21 23 Electric Traction Passenger Elevators *(14 21)*

14 21 23 00-0001 Selective-Collective Passenger Elevators *(14 21 23)*

Note: Baked enamel shaft doors and plastic laminated trimmed cab, allowance of $4000. Unit prices based on a shaft of 6 stops and 6 openings.

14 21 23 00-0002	EA	AC Rheostatic Elevator, 2000# x 50 FPM Collective Passenger Elevators	165,378.05	12,242.30
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 00-0003	EA	AC Rheostatic Elevator, 2000# x 100 FPM Collective Passenger Elevators	170,330.67	13,462.14
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 00-0004	EA	AC Rheostatic Elevator, 2000# x 150 FPM Collective Passenger Elevators	175,211.70	14,549.51
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 00-0005	EA	Variable Voltage Elevator, 2500# x 150 FPM Collective Passenger Elevators	151,365.39	15,131.48
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 23 00-0006	EA	Variable Voltage Elevator, 3000# x 150 FPM Collective Passenger Elevators	157,803.54	16,376.05
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 00-0007	EA	Variable Voltage Elevator, 4000# x 150 FPM Collective Passenger Elevators	163,883.79	18,099.86
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 00-0008	EA	Variable Voltage Elevator, 2500# x 200 FPM Collective Passenger Elevators	163,965.29	16,166.14
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 00-0009	EA	Variable Voltage Elevator, 3000# x 200 FPM Collective Passenger Elevators	170,523.91	16,812.76
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 00-0010	EA	Variable Voltage Elevator, 4000# x 200 FPM Collective Passenger Elevators	182,066.03	18,634.84
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 00-0011	EA	Variable Voltage Elevator, 2500# x 250 FPM Collective Passenger Elevators	165,281.63	16,166.14
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 23 00-0012	EA	Variable Voltage Elevator, 3000# x 250 FPM Collective Passenger Elevators	171,840.24	16,812.76
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 00-0013	EA	Variable Voltage Elevator, 4000# x 250 FPM Collective Passenger Elevators	183,382.36	18,634.84
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 00-0014	EA	Variable Voltage Elevator, 2500# x 300 FPM Collective Passenger Elevators	167,017.86	16,376.05
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 00-0015	EA	Variable Voltage Elevator, 3000# x 300 FPM Collective Passenger Elevators	174,720.54	17,594.72
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 00-0016	EA	Variable Voltage Elevator, 4000# x 300 FPM Collective Passenger Elevators	185,833.81	19,202.36
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	

14 24 Hydraulic Elevators *(14 20)*

Note: Prices are for a complete operating elevator including all standard controls, hydraulic motor and devices based on unit with cab sized 5' by 8' with galvanized primed shaft door with cab allowances as listed below.

14 24 13 Hydraulic Freight Elevators *(14 24)*

14 24 13 00-0001 Hydraulic Freight Elevators *(14 24 13)*

Note: Painted metal shaft doors and steel painted cab. Unit prices are based on a shaft of 3 stops and 3 openings with power doors. See CSI section 14 24 13 00-0011 for drilling piston hole.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0002	EA	Hydraulic Freight Elevator, 3000 # x 50 FPM	119,006.39	7,084.06
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,263.00*	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	*-10,483.83*	
		For Class "B" Loading, Add	*1,235.00*	
		For Class "C-1" Loading, Add	*2,935.00*	
		For Class "C-2" Loading, Add	*3,530.00*	
		For Class "C-3" Loading, Add	*4,800.00*	
14 24 13 00-0003	EA	Hydraulic Freight Elevator, 4000 # x 50 FPM	129,860.21	7,565.74
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,263.00*	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	*-11,472.87*	
		For Class "B" Loading, Add	*1,235.00*	
		For Class "C-1" Loading, Add	*2,935.00*	
		For Class "C-2" Loading, Add	*3,530.00*	
		For Class "C-3" Loading, Add	*4,800.00*	
14 24 13 00-0004	EA	Hydraulic Freight Elevator, 6000 # x 50 FPM	150,337.46	7,913.93
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,263.00*	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	*-13,450.96*	
		For Class "B" Loading, Add	*1,235.00*	
		For Class "C-1" Loading, Add	*2,935.00*	
		For Class "C-2" Loading, Add	*3,530.00*	
		For Class "C-3" Loading, Add	*4,800.00*	
14 24 13 00-0005	EA	Hydraulic Freight Elevator, 3000 # x 100 FPM	133,013.95	7,164.50
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,263.00*	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	*-11,868.49*	
		For Class "B" Loading, Add	*1,235.00*	
		For Class "C-1" Loading, Add	*2,935.00*	
		For Class "C-2" Loading, Add	*3,530.00*	
		For Class "C-3" Loading, Add	*4,800.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0006	EA	Hydraulic Freight Elevator, 4000 # x 100 FPM	141,912.49	7,657.62
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,263.00*	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	*-12,659.72*	
		For Class "B" Loading, Add	*1,235.00*	
		For Class "C-1" Loading, Add	*2,935.00*	
		For Class "C-2" Loading, Add	*3,530.00*	
		For Class "C-3" Loading, Add	*4,800.00*	
14 24 13 00-0007	EA	Hydraulic Freight Elevator, 6000 # x 100 FPM	164,591.61	8,117.79
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,263.00*	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	*-14,835.61*	
		For Class "B" Loading, Add	*1,235.00*	
		For Class "C-1" Loading, Add	*2,935.00*	
		For Class "C-2" Loading, Add	*3,530.00*	
		For Class "C-3" Loading, Add	*4,800.00*	
14 24 13 00-0008	EA	Hydraulic Freight Elevator, 3000 # x 150 FPM	144,882.44	7,164.50
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,263.00*	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	*-13,055.34*	
		For Class "B" Loading, Add	*1,235.00*	
		For Class "C-1" Loading, Add	*2,935.00*	
		For Class "C-2" Loading, Add	*3,530.00*	
		For Class "C-3" Loading, Add	*4,800.00*	
14 24 13 00-0009	EA	Hydraulic Freight Elevator, 4000 # x 150 FPM	156,043.27	7,799.77
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,263.00*	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	*-14,044.38*	
		For Class "B" Loading, Add	*1,235.00*	
		For Class "C-1" Loading, Add	*2,935.00*	
		For Class "C-2" Loading, Add	*3,530.00*	
		For Class "C-3" Loading, Add	*4,800.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0010	EA	Hydraulic Freight Elevator, 6000 # x 150 FPM	176,779.84	8,277.59
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,263.00*	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	*-16,022.46*	
		For Class "B" Loading, Add	*1,235.00*	
		For Class "C-1" Loading, Add	*2,935.00*	
		For Class "C-2" Loading, Add	*3,530.00*	
		For Class "C-3" Loading, Add	*4,800.00*	

14 24 13 00-0011 Hydraulic Elevators Piston Drilling *(14 24 13)*

14 24 13 00-0012	VLF	Up To 6" Diameter Piston Drilling Note: Includes casing.	54.04	
14 24 13 00-0013	VLF	8" To 10" Diameter Piston Drilling Note: Includes casing.	63.81	
14 24 13 00-0014	VLF	12" To 16" Diameter Piston Drilling Note: Includes casing.	71.04	
14 24 13 00-0015	VLF	18" Diameter Piston Drilling Note: Includes casing.	80.52	

14 24 23 Hydraulic Passenger Elevators *(14 24)*

14 24 23 00-0001 Hydraulic Passenger Elevators *(14 24 23)*

Note: Baked enamel shaft doors and plastic laminated trimmed cab, allowance of $4000. Unit prices are based on a shaft of 3 stops and 3 openings. See CSI section 14 24 13 00-0011 for drilling piston hole.

14 24 23 00-0002	EA	Hydraulic Passenger Elevator, 2000 # x 50 FPM	98,664.95	6,803.71
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 24 23 00-0003	EA	Hydraulic Passenger Elevator, 2500 # x 50 FPM	103,181.73	7,084.06
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 24 23 00-0004	EA	Hydraulic Passenger Elevator, 3000 # x 50 FPM	112,118.25	7,596.09
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 24 23 00-0005	EA	Hydraulic Passenger Elevator, 2000 # x 100 FPM	108,125.94	7,084.06
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 23 00-0006	EA	Hydraulic Passenger Elevator, 2500 # x 100 FPM	114,312.93	7,704.45
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 24 23 00-0007	EA	Hydraulic Passenger Elevator, 3000 # x 100 FPM	120,226.34	8,188.06
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 24 23 00-0008	EA	Hydraulic Passenger Elevator, 2000 # x 150 FPM	116,201.25	7,164.50
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 24 23 00-0009	EA	Hydraulic Passenger Elevator, 2500 # x 150 FPM	126,904.21	8,065.84
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 24 23 00-0010	EA	Hydraulic Passenger Elevator, 3000 # x 150 FPM	136,741.57	9,028.36
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	

14 24 23 00-0011 Twin Jack Holeless Hydraulic Passenger Elevator *(14 24 23)*

Note: Baked enamel shaft doors and plastic laminated trimmed cab. Excludes flooring, shaft construction/alterations, pit or mechanical room construction. Connect to established utilities.

14 24 23 00-0012	EA	Hydraulic Passenger Elevator, 2000#, 80 FPM, 3 Stops, 3 Openings	79,653.47	7,084.06
14 24 23 00-0013	EA	Hydraulic Passenger Elevator, 2000#, 80 FPM, 2 Stops, 2 Openings	59,727.13	6,052.59

14 26 Limited-Use/Limited-Application Elevators *(14 20)*

14 26 00 00-0001 Small Elevators, 1 Passenger Capacity *(14 26)*

Note: 400 lb capacity, 28 FPM rated, 220V, automatic operation. Includes cab interiors.

14 26 00 00-0002	EA	2 Stop Per Shaft, Electric, Push Small Elevators, 1 Passenger	31,113.10	3,480.35
14 26 00 00-0003	EA	3 Stop Per Shaft, Electric, Push Small Elevators, 1 Passenger	35,876.09	4,350.44
14 26 00 00-0004	EA	4 Stop Per Shaft, Electric, Push Small Elevators, 1 Passenger	40,657.48	5,220.52

14 26 00 00-0005 Small Elevators, 2 To 3 Passenger Capacity *(14 26)*

Note: 750 lb capacity, 36 FPM rated, 220V, automatic operation. Includes cab interiors, telephone box and telephone.

14 26 00 00-0006	EA	2 Stop Per Shaft, Electric, Push Small Elevators, 2 To 3 Passenger Capacity	44,999.90	5,220.52
14 26 00 00-0007	EA	3 Stop Per Shaft, Electric, Push Small Elevators, 2 To 3 Passenger Capacity	51,174.11	6,090.62
14 26 00 00-0008	EA	4 Stop Per Shaft, Electric, Push Small Elevators, 2 To 3 Passenger Capacity	57,326.53	6,960.70
14 26 00 00-0009	EA	5 Stop Per Shaft, Electric, Push Small Elevators, 2 To 3 Passenger Capacity	64,068.10	7,830.79
14 26 00 00-0010	EA	6 Stop Per Shaft, Electric, Push Small Elevators, 2 To 3 Passenger Capacity	72,251.28	9,135.92
14 26 00 00-0011	EA	7 Stop Per Shaft, Electric, Push Small Elevators, 2 To 3 Passenger Capacity	80,925.31	10,441.05

14 26 00 00-0012 Small Elevators, 4 To 6 Passenger Capacity *(14 26)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		Note: 1500 lb capacity, 42 FPM rated, 220V, automatic operation. Includes cab interiors, telephone box and telephone.		
14 26 00 00-0013	EA	2 Stop Per Shaft, Electric, Push Small Elevators, 4 To 6 Passenger Capacity	69,818.97	8,517.03
		For #4 Brushed Stainless Steel Doors, Add	*105.57*	
		For Wrap Around Front, Add	*52.78*	
		For Metal Hand Rails, Add	*263.92*	
		For Wood Hand Rails, Add	*395.89*	
		For Red Oak Side Panels, Add	*1,583.55*	
14 26 00 00-0014	EA	3 Stop Per Shaft, Electric, Push Small Elevators, 4 To 6 Passenger Capacity	79,782.94	10,191.77
		For #4 Brushed Stainless Steel Doors, Add	*118.80*	
		For Wrap Around Front, Add	*59.40*	
		For Metal Hand Rails, Add	*297.00*	
		For Wood Hand Rails, Add	*445.50*	
		For Red Oak Side Panels, Add	*1,781.98*	
14 26 00 00-0015	EA	4 Stop Per Shaft, Electric, Push Small Elevators, 4 To 6 Passenger Capacity	90,202.41	12,094.22
		For #4 Brushed Stainless Steel Doors, Add	*132.03*	
		For Wrap Around Front, Add	*66.01*	
		For Metal Hand Rails, Add	*330.07*	
		For Wood Hand Rails, Add	*495.10*	
		For Red Oak Side Panels, Add	*1,980.42*	

14 30 Escalators And Moving Walks *(14)*

14 31 Escalators *(14 30)*

14 31 00 00-0001 Escalators Stainless Steel Construction *(14 31)*

Note: Prices are medians and are based on each moving stairway. Complete, includes all standard accessories and single microprocessor controlled electronic display sign packages, LED.

14 31 00 00-0002	EA	Escalators Stainless Steel, 32" Wide x 12' Floor To Floor Height	201,041.22	9,247.02
14 31 00 00-0003	EA	Escalators Stainless Steel, 32" Wide x 15' Floor To Floor Height	220,622.22	10,928.29
14 31 00 00-0004	EA	Escalators Stainless Steel, 32" Wide x 18' Floor To Floor Height	239,785.40	12,609.57
14 31 00 00-0005	EA	Escalators Stainless Steel, 32" Wide x 22' Floor To Floor Height	263,167.62	15,131.48
14 31 00 00-0006	EA	Escalators Stainless Steel, 32" Wide x 25' Floor To Floor Height	291,134.53	16,812.76
14 31 00 00-0007	EA	Escalators Stainless Steel, 36" Wide x 12' Floor To Floor Height	212,965.76	9,835.47
14 31 00 00-0008	EA	Escalators Stainless Steel, 36" Wide x 15' Floor To Floor Height	233,935.10	11,768.93
14 31 00 00-0009	EA	Escalators Stainless Steel, 36" Wide x 18' Floor To Floor Height	252,980.50	13,450.21
14 31 00 00-0010	EA	Escalators Stainless Steel, 36" Wide x 22' Floor To Floor Height	282,526.53	16,896.82
14 31 00 00-0011	EA	Escalators Stainless Steel, 36" Wide x 25' Floor To Floor Height	305,541.73	18,157.77
14 31 00 00-0012	EA	Escalators Stainless Steel, 48" Wide x 12' Floor To Floor Height	225,084.78	10,423.91
14 31 00 00-0013	EA	Escalators Stainless Steel, 48" Wide x 15' Floor To Floor Height	247,744.76	12,609.57
14 31 00 00-0014	EA	Escalators Stainless Steel, 48" Wide x 18' Floor To Floor Height	265,819.00	14,290.85
14 31 00 00-0015	EA	Escalators Stainless Steel, 48" Wide x 22' Floor To Floor Height	302,875.34	17,821.53
14 31 00 00-0016	EA	Escalators Stainless Steel, 48" Wide x 25' Floor To Floor Height	321,892.70	19,502.80
14 31 00 00-0017	EA	Escalator Fire Shutter Fusible Link	31,908.46	336.26

14 32 Moving Walks *(14 30)*

14 32 00 00-0001 Moving Sidewalks *(14 32)*

Note: Prices are medians. Includes safety rails.

14 32 00 00-0002	LF	Moving Sidewalks, 28" Wide	1,909.91	201.75
		For Each LF Of Ramp Or Sloped Sections, Add	*333.56*	
14 32 00 00-0003	LF	Moving Sidewalks, 36" Wide	2,684.56	205.96
		For Each LF Of Ramp Or Sloped Sections, Add	*487.49*	
14 32 00 00-0004	LF	Moving Sidewalks, 48" Wide	3,064.86	214.36
		For Each LF Of Ramp Or Sloped Sections, Add	*561.53*	
14 32 00 00-0005	LF	Moving Sidewalks, 54" Wide	3,553.13	232.52
		For Each LF Of Ramp Or Sloped Sections, Add	*654.82*	

14 40 Lifts *(14)*

14 42 Wheelchair Lifts *(14 40)*

14 42 13 Inclined Wheelchair Lifts *(14 42)*

14 42 13 00-0001 Chair Lift-Stair Climber *(14 42 13)*

Note: Includes landing, rails, lifting device and gates.

14 42 13 00-0002	EA	Chair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300# Capacity Note: Includes top and bottom call button, safety chair, track, and power unit.	3,535.10	409.74

14 42 16 Vertical Wheelchair Lifts *(14 42)*

14 42 16 00-0001 Shorty Wheelchair Lift *(14 42 16)*

14 42 16 00-0002	EA	36" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	5,926.27	273.16
		For Accordion Safety Skirt, Add	*998.00*	
		For Removable Handrails, Add	*100.00*	
		For Power Operated Ramp, Add	*885.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 42 16 00-0003	EA	42" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	5,926.27	273.16
		For 2000 LB Capacity, Add	*600.00*	
		For 3000 LB Capacity, Add	*1,000.00*	
		For 4000 LB Capacity, Add	*1,500.00*	
		For Accordion Safety Skirt, Add	*998.00*	
		For Removable Handrails, Add	*100.00*	
		For Power Operated Ramp, Add	*885.00*	
14 42 16 00-0004	EA	70" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	8,108.29	364.22
		For 2000 LB Capacity, Add	*600.00*	
		For 3000 LB Capacity, Add	*1,000.00*	
		For 4000 LB Capacity, Add	*1,500.00*	
		For Accordion Safety Skirt, Add	*998.00*	
		For Removable Handrails, Add	*100.00*	
		For Power Operated Ramp, Add	*885.00*	
14 42 16 00-0005	EA	84" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	9,108.29	364.22
		For 2000 LB Capacity, Add	*600.00*	
		For 3000 LB Capacity, Add	*1,000.00*	
		For 4000 LB Capacity, Add	*1,500.00*	
		For Accordion Safety Skirt, Add	*998.00*	
		For Removable Handrails, Add	*100.00*	
		For Power Operated Ramp, Add	*885.00*	
14 42 16 00-0006	EA	18' Travel Wheelchair Incline Lift Note: 500 LB capacity, interior installation.	11,351.86	728.43

14 90 Other Conveying Equipment *(14)*

14 91 Facility Chutes *(14 90)*

14 91 82 Trash Chutes *(14 91)*

14 91 82 00-0001 Trash Chutes *(14 91 82)*

14 91 82 00-0002	LF	18" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	21.68	3.12
		For Aluminum, Add	*1.57*	
		For Stainless Steel, Add	*5.51*	
14 91 82 00-0003	LF	24" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	27.75	3.12
		For Aluminum, Add	*2.13*	
		For Stainless Steel, Add	*7.45*	
14 91 82 00-0004	LF	30" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	30.59	3.89
		For Aluminum, Add	*2.36*	
		For Stainless Steel, Add	*8.26*	
14 91 82 00-0005	LF	36" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	46.44	3.89
		For Aluminum, Add	*3.89*	
		For Stainless Steel, Add	*13.60*	
14 91 82 00-0006	EA	Trash Chutes, Hopper	343.60	21.80
		For Aluminum, Add	*29.97*	
		For Stainless Steel, Add	*104.91*	
14 91 82 00-0007	EA	Trash Chutes, Skylight	190.07	42.81
		For Aluminum, Add	*10.43*	
		For Stainless Steel, Add	*36.49*	
14 91 82 00-0008	EA	Trash Chutes, Sprinkler Unit At Top	144.31	46.70
		For Aluminum, Add	*4.56*	
		For Stainless Steel, Add	*15.96*	
14 91 82 00-0009	EA	Trash Chutes, Sprinkler Unit At Intake Hopper	40.72	16.34
		For Aluminum, Add	*0.78*	
		For Stainless Steel, Add	*2.74*	
14 91 82 00-0010	EA	Refuse Type Bottom Storage Hopper Unit	316.24	58.38
		For Aluminum, Add	*19.29*	
		For Stainless Steel, Add	*67.50*	
14 91 82 00-0011	EA	Hopper Doors	661.02	42.94

14 91 82 00-0012 Aluminized Steel Trash Chutes And Accessories *(14 91 82)*

Note: Includes sprinklers. Includes smoke/shut down dampers per floor, chute opening doors per floor, base chute damper. Complete.

14 91 82 00-0013	EA	Refuse Bottom Hopper, Aluminum , 18" Diameter	1,388.96	190.84
14 91 82 00-0014	FLR	18" Diameter Trash Chutes And With Sprinklers Aluminized Steel	493.35	218.39
14 91 82 00-0015	FLR	24" Diameter Trash Chutes And With Sprinklers Aluminized Steel	575.35	238.87
14 91 82 00-0016	FLR	30" Diameter Trash Chutes And With Sprinklers Aluminized Steel	646.43	254.77
14 91 82 00-0017	FLR	36" Diameter Trash Chutes And With Sprinklers Aluminized Steel	705.63	272.97
14 91 82 00-0018	EA	Refuse Bottom Hopper, 36" Aluminized Steel, With Sprinklers	609.03	254.77

14 92 Pneumatic Tube Systems *(14 90)*

14 92 00 00-0001 Pneumatic Tube Station; Swisslog *(14 92)*

14 92 00 00-0002	LF	4" Pneumatic Tube	49.99	15.53
14 92 00 00-0003	LF	6" Pneumatic Tube	62.45	19.41
14 92 00 00-0004	EA	4" 90 Degree Bend	210.66	33.97
14 92 00 00-0005	EA	6" 90 Degree Bend	288.37	38.83
14 92 00 00-0006	EA	4" PRV Bend	260.92	50.96
14 92 00 00-0007	EA	6" PRV Bend	357.85	58.24
14 92 00 00-0008	EA	Vacuum Bypass Valve	1,539.28	242.68
14 92 00 00-0009	EA	Blower Assembly For 4" Tube	13,199.80	485.36
14 92 00 00-0010	EA	Blower Assembly For 6" Tube	16,010.30	582.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 92 00 00-0011	EA	Recessed Receiving Station For 4" Tube	8,890.58	728.04
14 92 00 00-0012	EA	Recessed Receiving Station For 6" Tube	10,131.97	873.63
14 92 00 00-0013	EA	Wall Mount Receiving Station For 4" Tube	7,679.48	485.36
14 92 00 00-0014	EA	Wall Mount Receiving Station For 6" Tube	8,526.53	582.43
14 92 00 00-0015	EA	2 Out Transfer Unit For 4" Tube	6,066.29	533.89
14 92 00 00-0016	EA	2 Out Transfer Unit For 6" Tube	6,517.10	582.43
14 92 00 00-0017	EA	4 Out Transfer Unit For 4" Tube	7,323.65	728.04
14 92 00 00-0018	EA	4 Out Transfer Unit For 6" Tube	7,693.07	776.56
14 92 00 00-0019	EA	6 Out Transfer Unit For 4" Tube	9,029.94	970.70
14 92 00 00-0020	EA	6 Out Transfer Unit For 6" Tube	9,510.46	1,019.24
14 92 00 00-0021	EA	T.E.U. Assembly For 4" Tube	2,480.16	121.34
14 92 00 00-0022	EA	T.E.U. Assembly For 6" Tube	2,840.97	194.14
14 92 00 00-0023	EA	Security Door	873.83	
14 92 00 00-0024	EA	SB-101 Contron Panel	2,499.36	291.21
14 92 00 00-0025	LF	Pneumatic Tube Hanging Material	8.35	1.94

END OF SECTION 14

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 Fire Suppression

21 01 Operation and Maintenance of Fire Suppression (21)

21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems (21 01)

21 01 10 00-0001 Relocate Sprinkler Head And Branch Piping (21 01 10)

Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.

21 01 10 00-0002	EA	Relocate Existing Sprinkler Head And Branch Piping, 1 Head	367.55
21 01 10 00-0003	EA	Relocate Existing Sprinkler Head And Branch Piping, 2 To 4 Heads	245.03
21 01 10 00-0004	EA	Relocate Existing Sprinkler Head And Branch Piping, >4 To 10 Heads	122.52
21 01 10 00-0005	EA	Relocate Existing Sprinkler Head And Branch Piping, > 10 Heads	36.76

Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.

21 01 10 00-0006 Sprinkler Upgrades (21 01 10)

21 01 10 00-0007	LF	Bleed Existing Lines Of Water	0.39
21 01 10 00-0008	LF	Refill Existing Lines With Water	0.47

21 01 30 Operation and Maintenance of Fire-Suppression Equipment (21 01)

21 01 30 00-0001 Inspection And Recharge (21 01 30)

21 01 30 00-0002	EA	Inspection, CO2, Carbon Dioxide	131.71
21 01 30 00-0003	LB	Refill/Recharge, CO2, Carbon Dioxide	1.07
21 01 30 00-0004	EA	Inspection, Halon 1301	131.71
21 01 30 00-0005	LB	Refill/Recharge, Halon 1301	25.68
21 01 30 00-0006	EA	Inspection, WC, Wet Chemical	79.63
21 01 30 00-0007	GAL	Refill/Recharge, WC, Wet Chemical	24.08
21 01 30 00-0008	EA	Inspection, DC, Dry Chemical	79.63
21 01 30 00-0009	LB	Refill/Recharge, DC, Dry Chemical	2.14
21 01 30 00-0010	EA	Hydrostatic Testing, All Sizes, All Agents	24.50

See CSI section 23 05 93 00-0046 for testing existing piping systems.

21 01 30 00-0011	EA	Disarm/Arm System	42.88

21 05 Common Work Results for Fire Suppression (21)

21 05 13 Common Motor Requirements For Fire-Suppression Equipment (21 05)

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

21 05 16 Expansion Fittings And Loops For Fire-Suppression Piping (21 05)

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

21 05 19 Meters And Gages For Fire-Suppression Systems (21 05)

21 05 19 00-0001 Fire Service Meter Cast Iron Housing (21 05 19)

21 05 19 00-0002	EA	3" Diameter, 0-600 GPM Fire Service Meter Flanged, With Cast Iron Housing	2,929.22	339.43
		For >10 To 25, Deduct	*-146.46*	
		For >25, Deduct	*-387.12*	
21 05 19 00-0003	EA	4" Diameter, 0-1000 GPM Fire Service Meter Flanged, With Cast Iron Housing	5,669.12	470.60
		For >10 To 25, Deduct	*-283.46*	
		For >25, Deduct	*-777.87*	
21 05 19 00-0004	EA	6" Diameter, 0-2000 GPM Fire Service Meter Flanged, With Cast Iron Housing	7,847.78	755.07
		For >10 To 25, Deduct	*-392.39*	
		For >25, Deduct	*-1,060.84*	
21 05 19 00-0005	EA	8" Diameter, 0-4000 GPM Fire Service Meter Flanged, With Cast Iron Housing	9,973.83	991.43
		For >10 To 25, Deduct	*-498.69*	
		For >25, Deduct	*-1,371.44*	
21 05 19 00-0006	EA	10" Diameter, 0-6200 GPM Fire Service Meter Flanged, With Cast Iron Housing	13,817.99	1,167.51
		For >10 To 25, Deduct	*-690.90*	
		For >25, Deduct	*-1,925.97*	

21 05 23 General-Duty Valves For Water-Based Fire-Suppression Piping (21 05)

See CSI section 23 05 23 00-0000 for valves.

21 05 29 Hangers And Supports For Fire-Suppression Piping And Equipment (21 05)

See CSI section 23 05 29 00-0000 for hangers and supports.

21 05 48 Vibration And Seismic Controls For Fire-Suppression Piping And Equipment (21 05)

See CSI section 23 05 48 00-0000 for vibration and seismic control.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 05 53 Identification For Fire-Suppression Piping And Equipment (21 05)

See CSI section 23 05 53 00-0000 for identification.

21 07 Fire-Suppression Systems Insulation (21)

21 07 19 Fire-Suppresion Piping Insulation (21 07)

See CSI section 22 07 19 00-0000 for fire-suppresion piping insulation.

21 09 Instrumentation And Control For Fire-Suppression Systems (21)

21 09 00 00-0001 Controller Panel (21 09)

Note: Excludes valves. Panel to be tied into fire alarm system. See CSI section 23 05 23 00-0170 for solenoid valves.

21 09 00 00-0002	EA	Single Zone Controller Panel Box	2,123.65	109.49
21 09 00 00-0003	EA	Double Zone Controller Panel Box	2,432.22	127.75
21 09 00 00-0004	EA	Triple Zone Controller Panel Box	2,922.21	145.99

21 10 Water-Based Fire-Suppression Systems (21)

See CSI section 22 11 16 00-0285 for copper pipe, 22 11 16 00-0678 for CPVC pipe, 23 05 23 00-0229 for OS&Y gate valves, 23 21 13 23-0000 for black steel piping.

21 11 Facility Fire-Suppression Water-Service Piping (21 10)

21 11 19 Fire-Department Connections (21 11)

21 11 19 00-0001 Fire Department Connections (21 11 19)

21 11 19 00-0002	EA	4" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	522.72	224.95
		For Polished Chrome, Add	*22.74*	
21 11 19 00-0003	EA	6" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	704.66	281.19
		For Polished Chrome, Add	*34.81*	
21 11 19 00-0004	EA	4" x 3" x 3" Siamese Connection, Polished Brass	693.65	224.95
		For Polished Chrome, Add	*44.09*	
21 11 19 00-0005	EA	6" x 3" x 3" Siamese Connection, Polished Brass	905.16	281.19
		For Polished Chrome, Add	*59.87*	
21 11 19 00-0006	EA	6" x 2-1/2" x 2-1/2" x 2-1/2" Siamese Connection, Three Way, Polished Brass	954.17	281.19
		For Polished Chrome, Add	*66.00*	
21 11 19 00-0007	EA	Sidewalk Type Connection With Plug And Chain, Polished Brass	857.90	297.60
		For Polished Chrome, Add	*50.90*	
21 11 19 00-0008	EA	Wall Type Connection With Plug And Chain, Polished Brass	574.42	224.95
		For Polished Chrome, Add	*29.21*	

21 11 19 00-0009 Wall Type Indicator Post, Wheel Operated (21 11 19)

See CSI section 33 12 16 00-0198 for adjustable indiactor post accessory for ground valves.

21 11 19 00-0010	EA	Wall Type Indicator Post With Wall Flange For Valve Note: The wall flange is tapped for a 4" diameter schedule 40 steel pipe which extends through wall.	546.61	208.04

21 12 Fire-Suppression Standpipes (21 10)

21 12 13 Fire-Suppression Hoses And Nozzles (21 12)

21 12 13 00-0001 Fire Hose (21 12 13)

21 12 13 00-0002 Fire Hose Without Couplings (21 12 13 00-0001)

21 12 13 00-0003	LF	1-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	1.70	1.22
21 12 13 00-0004	LF	2-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.01	1.22
21 12 13 00-0005	LF	2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	1.79	1.22
21 12 13 00-0006	LF	3" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.14	1.22
21 12 13 00-0007	LF	1-1/2" Cotton Fire Hose, 300# Test With 1-1/2" Rubber Lining Without Couplings	2.00	1.22
21 12 13 00-0008	LF	2-1/2" Cotton Fire Hose, 300# Test With 1-1/2" Rubber Lining Without Couplings	2.56	1.22
21 12 13 00-0009	LF	1-1/2" Cotton Fire Hose, 400# Test With 1-1/2" Rubber Lining Without Couplings	2.09	1.22
21 12 13 00-0010	LF	2-1/2" Cotton Fire Hose, 400# Test With 1-1/2" Rubber Lining Without Couplings	2.75	1.22

21 12 13 00-0011 Fire Hose With Aluminum Couplings (21 12 13 00-0001)

21 12 13 00-0012	LF	1-3/4" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	2.82	0.68
21 12 13 00-0013	LF	2-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	3.45	0.80
21 12 13 00-0014	LF	3-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	5.44	0.80

21 12 13 00-0015 Fire Hose Accessories (21 12 13 00-0001)

21 12 13 00-0016	EA	Hose Coupling With 1-1/2" Pin Lug	59.43	20.21
21 12 13 00-0017	EA	Hose Coupling With 2-1/2" Pin Lug	83.78	22.66
21 12 13 00-0018	EA	1-1/2" x 10" Brass Straight Nozzle	41.07	15.93
21 12 13 00-0019	EA	2-1/2" x 12" Brass Straight Nozzle	72.88	15.93
21 12 13 00-0020	EA	1-1/2" Brass Fog Type Nozzle	59.19	15.93
21 12 13 00-0021	EA	2-1/2" Brass Fog Type Nozzle	81.74	15.93
21 12 13 00-0022	EA	1-1/2" Brass 100' Hose Rack	148.35	67.39
21 12 13 00-0023	EA	2-1/2" Brass 100' Hose Rack	190.75	67.39

21 12 23 Fire-Suppression Hose Valves (21 12)

21 12 23 00-0001 Standpipe Valves (21 12 23)

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 12 23 00-0002	EA	2-1/2" Fire Department Valve, Polished Brass With Plug And Chain	379.63	148.80
		For Polished Chrome, Add	*23.14*	
21 12 23 00-0003	EA	2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass	562.24	148.74
		For Polished Chrome, Add	*50.53*	
21 12 23 00-0004	EA	2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass	708.48	160.89
		For Polished Chrome, Add	*69.70*	
21 12 23 00-0005	EA	3" x 3" x 4" Fire Department Valve, Flush, Polished Brass	825.40	148.74
		For Polished Chrome, Add	*90.01*	
21 12 23 00-0006	EA	3" x 3" x 6" Fire Department Valve, Flush, Polished Brass	962.10	160.89
		For Polished Chrome, Add	*107.74*	
21 12 23 00-0007	EA	2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass	534.28	148.74
		For Polished Chrome, Add	*46.34*	
21 12 23 00-0008	EA	2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass	752.34	160.89
		For Polished Chrome, Add	*76.28*	
21 12 23 00-0009	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass	935.03	153.56
		For Polished Chrome, Add	*84.29*	
21 12 23 00-0010	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass	1,312.10	170.60
		For Polished Chrome, Add	*126.43*	
21 12 23 00-0011	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass	997.96	153.56
		For Polished Chrome, Add	*91.84*	
21 12 23 00-0012	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass	1,406.91	170.60
		For Polished Chrome, Add	*137.81*	
21 12 23 00-0013	EA	2-1/2" x 2-1/2" x 2-1/2" x 2-1/2" 6" Fire Department Valve, Square, Flush, Polished Brass	2,050.67	204.69
		For Polished Chrome, Add	*174.05*	

21 12 23 00-0014 Fire Hose Valve Cap And Chain Replacement *(21 12 23)*

21 12 23 00-0015	EA	1-1/2" Brass Chrome Fire Hose Valve Cap And Chain	26.62	6.99
21 12 23 00-0016	EA	1-1/2" Aluminum Brass Fire Hose Valve Cap And Chain	18.40	6.99
21 12 23 00-0017	EA	2-1/2" Brass Chrome Fire Hose Valve Cap And Chain	37.16	8.73
21 12 23 00-0018	EA	2-1/2" Aluminum Brass Fire Hose Valve Cap And Chain	24.12	8.73

21 12 23 00-0019 Fire Hose Cabinet Angle Valves *(21 12 23)*

21 12 23 00-0020	EA	1-1/2" Fire Hose Angle Valve, Cast Brass	113.89	
21 12 23 00-0021	EA	2-1/2" Fire Hose Angle Valve, Cast Brass	192.50	27.57

21 12 29 Fire-Suppression Fire Hose Equipment *(21 12)*

21 12 29 00-0001 Standpipe And Fire Hose Equipment *(21 12 29)*

21 12 29 00-0002	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Manifold Roof Type, Vertical, Polished Brass	1,032.43	368.86
21 12 29 00-0003	EA	Water Motor Gong	332.19	97.42
21 12 29 00-0004	EA	Water Motor Gong With Retard Chamber Assembly	618.69	119.31
21 12 29 00-0005	EA	Fire Riser Flow Switch (NFPA 13)	219.14	11.34
21 12 29 00-0006	EA	Water Flow Supervisory (Tamper) Switch Mounted On Valve	125.77	19.39
21 12 29 00-0007	EA	Pressure-Type Water Flow Detector For Up To 2-1/2" Pipe	208.07	59.66
21 12 29 00-0008	EA	Pressure-Type Water Flow Detector For >2-1/2" To 4" Pipe	300.55	79.05
21 12 29 00-0009	EA	Pressure-Type Water Flow Detector For >4" To 8" Pipe	457.77	89.49
21 12 29 00-0010	EA	Vane-Type Water Flow Switch For Up To 2-1/2" Pipe	256.10	59.66
21 12 29 00-0011	EA	Vane-Type Water Flow Switch For >2-1/2" To 4" Pipe	359.39	79.05
21 12 29 00-0012	EA	Vane-Type Water Flow Switch For >4" To 8" Pipe	551.04	89.49
21 12 29 00-0013	EA	Spare Sprinkler Head Box For 3 Heads	22.58	7.46
21 12 29 00-0014	EA	Spare Sprinkler Head Box For 6 Heads	22.70	7.46
21 12 29 00-0015	EA	Spare Sprinkler Head Box For 12 Heads	24.03	7.46

21 13 Fire-Suppression Sprinkler Systems *(21 10)*

21 13 13 Wet-Pipe Sprinkler Systems *(21 13)*

21 13 13 00-0001 Complete Sprinkler System Costs *(21 13 13)*

Note: Includes complete design per NFPA 13, 13D or 13R and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc) from riser pipe and mains. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks.

21 13 13 00-0002 Light Hazard, Prices Per Head *(21 13 13 00-0001)*

21 13 13 00-0003	EA	Exposed Piping, Wet Automatic Sprinkler System, Light Hazard Note: Includes branch pipe and fittings, supports and sprinkler heads.	274.45	
		For Copper Pipe, Add	*33.31*	
		For PVC Pipe, Deduct	*-47.03*	
		For Up To 5, Add	*125.49*	
		For >5 To 10, Add	*78.46*	
		For >10 To 20, Add	*51.01*	
		For >20 To 40, Add	*21.58*	
		For >100 To 150, Deduct	*-27.45*	
		For >150, Deduct	*-54.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0004	EA	Concealed Piping, Wet Automatic Sprinkler System, Light Hazard	358.28	
		Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
		For Copper Pipe, Add	*42.17*	
		For PVC Pipe, Deduct	*-60.09*	
		For Up To 5, Add	*166.45*	
		For >5 To 10, Add	*106.36*	
		For >10 To 20, Add	*70.53*	
		For >20 To 40, Add	*29.48*	
		For >100 To 150, Deduct	*-35.83*	
		For >150, Deduct	*-71.66*	

21 13 13 00-0005 Ordinary Hazard, Prices Per Head *(21 13 13 00-0001)*

21 13 13 00-0006	EA	Exposed Piping, Wet Automatic Sprinkler System, Ordinary Hazard	273.66	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.		
		For Copper Pipe, Add	*33.29*	
		For PVC Pipe, Deduct	*-46.97*	
		For Up To 5, Add	*124.99*	
		For >5 To 10, Add	*78.02*	
		For >10 To 20, Add	*50.65*	
		For >20 To 40, Add	*21.44*	
		For >100 To 150, Deduct	*-27.37*	
		For >150, Deduct	*-54.73*	
21 13 13 00-0007	EA	Concealed Piping, Wet Automatic Sprinkler System, Ordinary Hazard	355.31	
		Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
		For Copper Pipe, Add	*41.88*	
		For PVC Pipe, Deduct	*-59.65*	
		For Up To 5, Add	*164.96*	
		For >5 To 10, Add	*105.31*	
		For >10 To 20, Add	*69.78*	
		For >20 To 40, Add	*29.18*	
		For >100 To 150, Deduct	*-35.53*	
		For >150, Deduct	*-71.06*	

21 13 13 00-0008 Extra Hazard, Prices Per Head *(21 13 13 00-0001)*

21 13 13 00-0009	EA	Exposed Piping, Wet Automatic Sprinkler System, Extra Hazard	253.03	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.		
		For Copper Pipe, Add	*30.73*	
		For PVC Pipe, Deduct	*-43.38*	
		For Up To 5, Add	*115.67*	
		For >5 To 10, Add	*72.29*	
		For >10 To 20, Add	*46.99*	
		For >20 To 40, Add	*19.88*	
		For >100 To 150, Deduct	*-25.30*	
		For >150, Deduct	*-50.61*	
21 13 13 00-0010	EA	Concealed Piping, Wet Automatic Sprinkler System, Extra Hazard	329.21	
		Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
		For Copper Pipe, Add	*38.75*	
		For PVC Pipe, Deduct	*-55.21*	
		For Up To 5, Add	*152.95*	
		For >5 To 10, Add	*97.75*	
		For >10 To 20, Add	*64.83*	
		For >20 To 40, Add	*27.10*	
		For >100 To 150, Deduct	*-32.92*	
		For >150, Deduct	*-65.84*	

21 13 13 00-0011 Wet-Pipe Sprinkler Components *(21 13 13)*

Note: Excludes hydraulic calculations.

21 13 13 00-0012 Sprinkler Heads *(21 13 13 00-0011)*

21 13 13 00-0013	EA	Pendant Brass Sprinkler Heads, Standard Response	40.55	15.32
		For Chrome, Add	*1.49*	
21 13 13 00-0014	EA	Upright Brass Sprinkler Heads	34.42	15.32
		For Chrome, Add	*1.03*	
21 13 13 00-0015	EA	Sidewall, Vertical, Brass Sprinkler Heads	35.97	15.32
		For Chrome, Add	*1.26*	
21 13 13 00-0016	EA	Sidewall, Horizontal, Brass Sprinkler Heads	34.36	15.32
		For Chrome, Add	*1.02*	
21 13 13 00-0017	EA	Nipple, Adjustable, Fire Sprinkler System	59.28	6.08
21 13 13 00-0018	EA	Standard Duty Sprinkler Head Guard, 1 Piece	13.74	6.08
21 13 13 00-0019	EA	Heavy Duty Sprinkler Head Guard, 2 Piece	22.27	6.08
21 13 13 00-0020	EA	Concealed Pendent Sprinkler Heads With Concealed Cover Plate	58.97	15.32
		For Chrome, Add	*3.79*	
21 13 13 00-0021	EA	Chrome Sprinkler Head Escutcheon, 1 Piece	5.97	2.30
21 13 13 00-0022	EA	Split Wall Chrome Sprinkler Head Escutcheon	7.25	2.30
21 13 13 00-0023	EA	Recessed Chrome Sprinkler Head Escutcheon, Two Piece	9.76	2.30

21 13 13 00-0024 Wet Pipe Alarm Valves *(21 13 13 00-0011)*

21 13 13 00-0025	EA	2" Alarm Valve - Wet System	1,131.81	507.26
21 13 13 00-0026	EA	3" Alarm Valve - Wet System	1,520.84	692.44
21 13 13 00-0027	EA	4" Alarm Valve - Wet System	2,444.98	969.43
21 13 13 00-0028	EA	6" Alarm Valve - Wet System	2,799.06	1,145.41
21 13 13 00-0029	EA	8" Alarm Valve - Wet System	3,908.96	1,259.95

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0030		Flexible Sprinkler Piping *(21 13 13 00-0011)*		
		Note: 1" Diameter stainless steel flexible pipe with either 1/2" or 3/4" outlet.		
21 13 13 00-0031	EA	2' Long Stainless Steel Flexible Sprinkler Piping	44.81	9.50
		Note: Includes ceiling mounting bracket.		
21 13 13 00-0032	EA	3' Long Stainless Steel Flexible Sprinkler Piping	49.74	9.80
		Note: Includes ceiling mounting bracket.		
21 13 13 00-0033	EA	4' Long Stainless Steel Flexible Sprinkler Piping	54.75	10.42
		Note: Includes ceiling mounting bracket.		
21 13 13 00-0034	EA	5' Long Stainless Steel Flexible Sprinkler Piping	59.91	11.02
		Note: Includes ceiling mounting bracket.		
21 13 13 00-0035	EA	6' Long Stainless Steel Flexible Sprinkler Piping	65.22	12.26
		Note: Includes ceiling mounting bracket.		

21 13 16 Dry-Pipe Sprinkler Systems *(21 13)*

21 13 16 00-0001		Complete Sprinkler System Costs *(21 13 16)*		
		Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks.		
21 13 16 00-0002		Light Hazard, Prices Per Head *(21 13 16 00-0001)*		
21 13 16 00-0003	EA	Exposed Piping, Dry Automatic Sprinkler System, Light Hazard	297.33	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.		
		For Up To 5, Add	*136.13*	
		For >5 To 10, Add	*72.74*	
		For >10 To 20, Add	*55.53*	
		For >20 To 40, Add	*23.47*	
		For >100 To 150, Deduct	*-29.73*	
		For >150, Deduct	*-59.47*	
		For Copper Pipe, Add	*36.00*	
		For PVC Pipe, Deduct	*-50.87*	
21 13 16 00-0004	EA	Concealed Piping, Dry Automatic Sprinkler System, Light Hazard	369.88	
		Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
		For Up To 5, Add	*171.29*	
		For >5 To 10, Add	*95.32*	
		For >10 To 20, Add	*71.99*	
		For >20 To 40, Add	*30.16*	
		For >100 To 150, Deduct	*-36.99*	
		For >150, Deduct	*-73.98*	
		For Copper Pipe, Add	*43.82*	
		For PVC Pipe, Deduct	*-62.31*	
21 13 16 00-0005		Ordinary Hazard, Prices Per Head *(21 13 16 00-0001)*		
21 13 16 00-0006	EA	Exposed Piping, Dry Automatic Sprinkler System, Ordinary Hazard	302.53	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.		
		For Up To 5, Add	*138.00*	
		For >5 To 10, Add	*72.72*	
		For >10 To 20, Add	*55.73*	
		For >20 To 40, Add	*23.62*	
		For >100 To 150, Deduct	*-30.25*	
		For >150, Deduct	*-60.51*	
		For Copper Pipe, Add	*36.89*	
		For PVC Pipe, Deduct	*-52.01*	
21 13 16 00-0007	EA	Concealed Piping, Dry Automatic Sprinkler System, Ordinary Hazard	373.12	
		Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
		For Up To 5, Add	*172.30*	
		For >5 To 10, Add	*94.94*	
		For >10 To 20, Add	*71.89*	
		For >20 To 40, Add	*30.18*	
		For >100 To 150, Deduct	*-37.31*	
		For >150, Deduct	*-74.62*	
		For Copper Pipe, Add	*44.44*	
		For PVC Pipe, Deduct	*-63.10*	
21 13 16 00-0008		Extra Hazard, Prices Per Head *(21 13 16 00-0001)*		
21 13 16 00-0009	EA	Exposed Piping, Dry Automatic Sprinkler System, Extra Hazard	283.99	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.		
		For Up To 5, Add	*129.43*	
		For >5 To 10, Add	*67.97*	
		For >10 To 20, Add	*52.14*	
		For >20 To 40, Add	*22.11*	
		For >100 To 150, Deduct	*-28.40*	
		For >150, Deduct	*-56.80*	
		For Copper Pipe, Add	*34.68*	
		For PVC Pipe, Deduct	*-48.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0010	EA	Concealed Piping, Dry Automatic Sprinkler System, Extra Hazard Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	347.34	
		For Up To 5, Add	*160.41*	
		For >5 To 10, Add	*88.41*	
		For >10 To 20, Add	*66.94*	
		For >20 To 40, Add	*28.10*	
		For >100 To 150, Deduct	*-34.73*	
		For >150, Deduct	*-69.47*	
		For Copper Pipe, Add	*41.37*	
		For PVC Pipe, Deduct	*-58.73*	

21 13 16 00-0011 Equipment *(21 13 16 00-0001)*

21 13 16 00-0012	EA	Dry System Air Compressor, 3/4 HP With Alarm Valve Flange With Gauge	1,283.60	214.47
21 13 16 00-0013	EA	Dry System Air Compressor, 1 HP With Alarm Valve Flange With Gauge	1,334.63	214.47
21 13 16 00-0014	EA	Dry System Air Compressor, 1-1/2 HP With Alarm Valve Flange With Gauge	1,377.68	214.47
21 13 16 00-0015	EA	Dry System Air Compressor, 2 HP With Alarm Valve Flange With Gauge	1,545.11	214.47

21 13 16 00-0016 Dry-Pipe Sprinkler Components *(21 13 16)*

Note: Excludes hydraulic calculations.

21 13 16 00-0017 Dry Pipe Alarm Valves *(21 13 16 00-0016)*

21 13 16 00-0018	EA	2" Alarm Valve - Dry System	1,165.46	507.26
21 13 16 00-0019	EA	3" Alarm Valve - Dry System	1,563.18	692.44
21 13 16 00-0020	EA	4" Alarm Valve - Dry System	2,833.37	969.43
21 13 16 00-0021	EA	6" Alarm Valve - Dry System	3,624.50	1,145.41
21 13 16 00-0022	EA	8" Alarm Valve - Dry System	4,506.55	1,259.95

21 13 16 00-0023 Dry Sprinkler Heads, 3/4" Or 1" NPT *(21 13 16 00-0016)*

21 13 16 00-0024	EA	Dry Pendant Head, Up To 4-3/4" Length	73.67	20.15
21 13 16 00-0025	EA	Dry Pendant Head, >4-3/4" To 6-3/4" Length	73.67	20.15
21 13 16 00-0026	EA	Dry Pendant Head, >6-3/4" To 8-3/4" Length	75.01	20.15
21 13 16 00-0027	EA	Dry Pendant Head, >8-3/4" To 10-3/4" Length	77.02	20.15
21 13 16 00-0028	EA	Dry Pendant Head, >10-3/4" To 12-3/4" Length	77.02	20.15
21 13 16 00-0029	EA	Dry Pendant Head, >12-3/4" To 14-3/4" Length	81.72	20.15
21 13 16 00-0030	EA	Dry Pendant Head, >14-3/4" To 16-3/4" Length	81.72	20.15
21 13 16 00-0031	EA	Dry Pendant Head, >16-3/4" To 18-3/4" Length	86.42	20.15
21 13 16 00-0032	EA	Dry Pendant Head, >18-3/4" To 20-3/4" Length	86.42	20.15
21 13 16 00-0033	EA	Dry Pendant Head, >20-3/4" To 22-3/4" Length	87.76	20.15
21 13 16 00-0034	EA	Dry Pendant Head, >22-3/4" To 24-3/4" Length	87.76	20.15
21 13 16 00-0035	EA	Dry Pendant Head, >24-3/4" To 26-3/4" Length	89.10	20.15
21 13 16 00-0036	EA	Dry Pendant Head, >26-3/4" To 28-3/4" Length	91.79	20.15

21 13 19 Preaction Sprinkler Systems *(21 13)*

21 13 19 00-0001 Complete Sprinkler System Costs *(21 13 19)*

Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks.

21 13 19 00-0002 Ordinary Hazard, Prices Per Head *(21 13 19 00-0001)*

21 13 19 00-0003	EA	Exposed Piping Warehouse, Pre-Action Sprinkler System, Ordinary Hazard Note: Includes branch pipe and fittings, supports and sprinkler heads.	284.03	
		For Up To 5, Add	*130.60*	
		For >5 To 10, Add	*82.29*	
		For >10 To 20, Add	*53.88*	
		For >20 To 40, Add	*22.70*	
		For >100 To 150, Deduct	*-28.40*	
		For >150, Deduct	*-56.81*	

21 13 19 00-0004 Extra Hazard, Prices Per Head *(21 13 19 00-0001)*

21 13 19 00-0005	EA	Exposed Piping Warehouse, Pre-Action Sprinkler System, Extra Hazard Note: Includes branch pipe and fittings, supports and sprinkler heads.	264.43	
		For Up To 5, Add	*121.60*	
		For >5 To 10, Add	*76.63*	
		For >10 To 20, Add	*50.19*	
		For >20 To 40, Add	*21.14*	
		For >100 To 150, Deduct	*-26.44*	
		For >150, Deduct	*-52.89*	

21 13 26 Deluge Fire-Suppression Sprinkler Systems *(21 13)*

21 13 26 00-0001 Deluge Sprinkler Equipment *(21 13 26)*

See CSI section 23 21 13 23-0000 for pipe and fittings.

21 13 26 00-0002 Nozzles *(21 13 26 00-0001)*

21 13 26 00-0003	EA	3/8" Auto Deluge Sprinkler Nozzle	57.77	26.28
21 13 26 00-0004	EA	1/2" Pendant Deluge Spring Nozzle With Open Head	57.77	26.28
21 13 26 00-0005	EA	1/2" Pendant Deluge Spring Nozzle Open Head With Canopy	57.77	26.28

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 26 00-0006		Deluge Valves With Required Trim And Release Equipment *(21 13 26 00-0001)*		
21 13 26 00-0007	EA	3" Deluge Valve With Trim And Release Equipment	3,620.71	340.36
21 13 26 00-0008	EA	4" Deluge Valve With Trim And Release Equipment	4,150.50	382.87
21 13 26 00-0009	EA	6" Deluge Valve With Trim And Release Equipment	5,159.68	556.91
21 13 39		**Foam-Water Systems** *(21 13)*		
21 13 39 00-0001		Foam Control Valves And Monitors *(21 13 39)*		
21 13 39 00-0002		Control Valves *(21 13 39 00-0001)*		
21 13 39 00-0003	EA	3" Foam Control Valve	1,747.40	340.36
21 13 39 00-0004		Supply Valves *(21 13 39 00-0001)*		
21 13 39 00-0005	EA	2-1/2" Foam Supply Valve	1,595.43	382.87
21 13 39 00-0006		Proportioners *(21 13 39 00-0001)*		
21 13 39 00-0007	EA	8" Foam Proportioner	1,379.04	556.91
21 13 39 00-0008		Monitors *(21 13 39 00-0001)*		
21 13 39 00-0009	EA	Oscillating Foam Monitor	1,741.96	76.58
21 13 41		**Fire-Suppression Sprinkler Piping** *(21 13)*		
		See CSI section 23 21 13 23-0000 for black steel piping.		
21 13 41 00-0001		CPVC Fire Sprinkler Pipe *(21 13 41)*		
		Note: SDR 13.5		
21 13 41 00-0002		Schedule 40 CPVC Fire Sprinkler Pipe *(21 13 41 00-0001)*		
21 13 41 00-0003	LF	3/4" Schedule 40 CPVC Fire Sprinkler Pipe	3.25	0.98
21 13 41 00-0004	LF	1" Schedule 40 CPVC Fire Sprinkler Pipe	3.86	1.04
21 13 41 00-0005	LF	1-1/4" Schedule 40 CPVC Fire Sprinkler Pipe	4.81	1.16
21 13 41 00-0006	LF	1-1/2" Schedule 40 CPVC Fire Sprinkler Pipe	5.86	1.28
21 13 41 00-0007	LF	2" Schedule 40 CPVC Fire Sprinkler Pipe	7.47	1.41
21 13 41 00-0008	LF	2-1/2" Schedule 40 CPVC Fire Sprinkler Pipe	10.14	1.60
21 13 41 00-0009	LF	3" Schedule 40 CPVC Fire Sprinkler Pipe	14.08	1.90
21 13 41 00-0010		CPVC 90 Degree Elbows, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0011	EA	3/4" Schedule 40 CPVC 90 Degree Elbow, Fire Sprinkler Piping	15.74	5.89
21 13 41 00-0012	EA	1" Schedule 40 CPVC 90 Degree Elbow, Fire Sprinkler Piping	20.69	7.35
21 13 41 00-0013	EA	1-1/4" Schedule 40 CPVC 90 Degree Elbow, Fire Sprinkler Piping	25.90	9.19
21 13 41 00-0014	EA	1-1/2" Schedule 80 CPVC 90 Degree Elbow, Fire Sprinkler Piping	29.53	10.17
21 13 41 00-0015	EA	2" Schedule 80 CPVC 90 Degree Elbow, Fire Sprinkler Piping	33.47	11.40
21 13 41 00-0016	EA	2-1/2" Schedule 80 CPVC 90 Degree Elbow, Fire Sprinkler Piping	42.05	12.92
21 13 41 00-0017	EA	3" Schedule 80 CPVC 90 Degree Elbow, Fire Sprinkler Piping	51.42	15.32
21 13 41 00-0018		CPVC 45 Degree Elbows, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0019	EA	3/4" Schedule 40 CPVC 45 Degree Elbow, Fire Sprinkler Piping	16.11	5.89
21 13 41 00-0020	EA	1" Schedule 40 CPVC 45 Degree Elbow, Fire Sprinkler Piping	20.11	7.35
21 13 41 00-0021	EA	1-1/4" Schedule 40 CPVC 45 Degree Elbow, Fire Sprinkler Piping	25.46	9.19
21 13 41 00-0022	EA	1-1/2" Schedule 80 CPVC 45 Degree Elbow, Fire Sprinkler Piping	28.82	10.17
21 13 41 00-0023	EA	2" Schedule 80 CPVC 45 Degree Elbow, Fire Sprinkler Piping	32.58	11.40
21 13 41 00-0024	EA	2-1/2" Schedule 80 CPVC 45 Degree Elbow, Fire Sprinkler Piping	39.82	12.92
21 13 41 00-0025	EA	3" Schedule 80 CPVC 45 Degree Elbow, Fire Sprinkler Piping	48.96	15.32
21 13 41 00-0026		CPVC Tees, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0027	EA	3/4" Schedule 40 CPVC Tee, Fire Sprinkler Piping	23.46	8.82
21 13 41 00-0028	EA	1" Schedule 40 CPVC Tee, Fire Sprinkler Piping	30.48	11.09
21 13 41 00-0029	EA	1-1/4" Schedule 40 CPVC Tee, Fire Sprinkler Piping	38.75	13.84
21 13 41 00-0030	EA	1-1/2" Schedule 80 CPVC Tee, Fire Sprinkler Piping	44.39	15.32
21 13 41 00-0031	EA	2" Schedule 80 CPVC Tee, Fire Sprinkler Piping	51.78	17.03
21 13 41 00-0032	EA	2-1/2" Schedule 80 CPVC Tee, Fire Sprinkler Piping	63.38	19.42
21 13 41 00-0033	EA	3" Schedule 80 CPVC Tee, Fire Sprinkler Piping	74.87	22.91
21 13 41 00-0034		CPVC Reducing Tees, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0035	EA	1" Schedule 40 CPVC Reducing Tee, Fire Sprinkler Piping	28.17	10.35
21 13 41 00-0036	EA	1-1/4" Schedule 40 CPVC Reducing Tee, Fire Sprinkler Piping	36.58	12.92
21 13 41 00-0037	EA	1-1/2" Schedule 80 CPVC Reducing Tee, Fire Sprinkler Piping	40.92	14.28
21 13 41 00-0038	EA	2" Schedule 80 CPVC Reducing Tee, Fire Sprinkler Piping	48.22	15.93
21 13 41 00-0039	EA	2-1/2" Schedule 80 CPVC Reducing Tee, Fire Sprinkler Piping	56.83	18.13
21 13 41 00-0040	EA	3" Schedule 80 CPVC Reducing Tee, Fire Sprinkler Piping	66.88	21.38
21 13 41 00-0041		CPVC Crosses, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0042	EA	3/4" Schedule 40 CPVC Cross, Fire Sprinkler Piping	31.64	11.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 41 00-0043	EA	1" Schedule 40 CPVC Cross, Fire Sprinkler Piping	39.67	14.76
21 13 41 00-0044	EA	1-1/4" Schedule 40 CPVC Cross, Fire Sprinkler Piping	49.93	18.43
21 13 41 00-0045	EA	1-1/2" Schedule 80 CPVC Cross, Fire Sprinkler Piping	56.23	20.40
21 13 41 00-0046	EA	2" Schedule 80 CPVC Cross, Fire Sprinkler Piping	65.54	22.73
21 13 41 00-0047	EA	2-1/2" Schedule 80 CPVC Cross, Fire Sprinkler Piping	83.64	25.85
21 13 41 00-0048		CPVC Couplings, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0049	EA	3/4" Schedule 40 CPVC Coupling, Fire Sprinkler Piping	10.80	3.92
21 13 41 00-0050	EA	1" Schedule 40 CPVC Coupling, Fire Sprinkler Piping	14.47	5.27
21 13 41 00-0051	EA	1-1/4" Schedule 40 CPVC Coupling, Fire Sprinkler Piping	19.17	6.93
21 13 41 00-0052	EA	1-1/2" Schedule 80 CPVC Coupling, Fire Sprinkler Piping	21.82	7.65
21 13 41 00-0053	EA	2" Schedule 80 CPVC Coupling, Fire Sprinkler Piping	24.99	8.51
21 13 41 00-0054	EA	2-1/2" Schedule 80 CPVC Coupling, Fire Sprinkler Piping	29.88	9.68
21 13 41 00-0055	EA	3" Schedule 80 CPVC Coupling, Fire Sprinkler Piping	36.00	11.46
21 13 41 00-0056		CPVC Caps, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0057	EA	3/4" Schedule 40 CPVC Cap, Fire Sprinkler Piping	5.50	1.96
21 13 41 00-0058	EA	1" Schedule 40 CPVC Cap, Fire Sprinkler Piping	8.75	3.19
21 13 41 00-0059	EA	1-1/4" Schedule 40 CPVC Cap, Fire Sprinkler Piping	10.02	3.43
21 13 41 00-0060	EA	1-1/2" Schedule 80 CPVC Cap, Fire Sprinkler Piping	11.46	3.80
21 13 41 00-0061	EA	2" Schedule 80 CPVC Cap, Fire Sprinkler Piping	13.52	4.29
21 13 41 00-0062	EA	2-1/2" Schedule 80 CPVC Cap, Fire Sprinkler Piping	16.26	4.84
21 13 41 00-0063	EA	3" Schedule 80 CPVC Cap, Fire Sprinkler Piping	21.03	5.75
21 13 41 00-0064		CPVC Reducer Bushing, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0065	EA	1" Schedule 40 CPVC Reducing Bushing, Fire Sprinkler Piping	15.30	5.82
21 13 41 00-0066	EA	1-1/4" Schedule 40 CPVC Reducing Bushing, Fire Sprinkler Piping	20.26	7.59
21 13 41 00-0067	EA	1-1/2" Schedule 80 CPVC Reducing Bushing, Fire Sprinkler Piping	22.39	8.39
21 13 41 00-0068	EA	2" Schedule 80 CPVC Reducing Bushing, Fire Sprinkler Piping	25.47	9.37
21 13 41 00-0069	EA	2-1/2" Schedule 80 CPVC Reducing Bushing, Fire Sprinkler Piping	30.16	10.66
21 13 41 00-0070	EA	3" Schedule 80 CPVC Reducing Bushing, Fire Sprinkler Piping	36.76	12.62
21 13 41 00-0071		CPVC Spigot Style Reducing Adapter, Male Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0072	EA	3/4" Schedule 40 CPVC Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	13.38	4.29
21 13 41 00-0073	EA	1" Schedule 40 CPVC Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	17.27	5.82
21 13 41 00-0074		CPVC Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0075	EA	3/4" Schedule 40 CPVC Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	13.38	4.29
21 13 41 00-0076	EA	1" Schedule 40 CPVC Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	17.27	5.82
21 13 41 00-0077		CPVC Reducing 90 Degree Elbow Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0078	EA	3/4" Schedule 40 CPVC Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	15.66	5.27
21 13 41 00-0079	EA	1" Schedule 40 CPVC Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	19.99	6.61
21 13 41 00-0080	EA	1" Schedule 40 CPVC Reducing 90 Degree Elbow Adapter With 3/4" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	20.73	6.61
21 13 41 00-0081		CPVC Straight Tee Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0082	EA	3/4" Schedule 40 CPVC Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	25.72	8.82
21 13 41 00-0083	EA	1" Schedule 40 CPVC Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	31.66	11.09
21 13 41 00-0084	EA	1-1/4" Schedule 40 CPVC Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	41.17	13.84
21 13 41 00-0085	EA	1-1/2" Schedule 80 CPVC Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	46.96	15.32
21 13 41 00-0086	EA	2" Schedule 80 CPVC Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	54.90	17.03

21 20 Fire-Extinguishing Systems *(21)*

21 21 Carbon-Dioxide Fire-Extinguishing Systems *(21 20)*

21 21 16 Carbon-Dioxide Fire-Extinguishing Equipment *(21 21)*

21 21 16 00-0001		Carbon Dioxide Cylinders *(21 21 16)*		
21 21 16 00-0002	EA	Carbon Dioxide Simplex Cylinder, 75#	868.47	160.59
21 21 16 00-0003	EA	Carbon Dioxide Duplex Cylinder, 75# (Each)	1,736.95	321.18
21 21 16 00-0004	EA	Carbon Dioxide Cylinder, Heat/Ion Detector, With Bracket	179.04	87.54
21 21 16 00-0005	EA	Carbon Dioxide Cylinder, Dispersion Nozzle	84.26	38.21

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 21 16 00-0006	LF	Carbon Dioxide Cylinder, 1/2" Rubber Tubing	27.14	15.49

21 22 Clean-Agent Fire-Extinguishing Systems *(21 20)*

21 22 16 Clean-Agent Fire-Extinguishing Equipment *(21 22)*

21 22 16 00-0001 Ansul Fire Control Systems *(21 22 16)*

21 22 16 00-0002 Inergen® Fire Suppression System *(21 22 16 00-0001)*

21 22 16 00-0003 Actuation Attachments, Inergen® Fire Suppression System *(21 22 16 00-0002)*

21 22 16 00-0004	EA	Pilot Valve Actuation Adaptor, Inergen® Fire Suppression System (Ansul 873236)	4.35	0.72
21 22 16 00-0005	EA	Male Elbow For Actuation Hose, Inergen® Fire Suppression System (Ansul 831810)	6.87	1.08
21 22 16 00-0006	EA	Male Elbow For Pilot Valve Actuation Adaptor, Inergen® Fire Suppression System (Ansul 832334)	8.31	1.41
21 22 16 00-0007	EA	Male Straight Adaptor, Inergen® Fire Suppression System (Ansul 832338)	9.39	1.60
21 22 16 00-0008	EA	1/8" x 1/4" x 1/4", Flared Tee For Actuation Hose, Inergen® Fire Suppression System (Ansul 4860)	18.57	0.95
21 22 16 00-0009	EA	Current Limiter Module For CV98 Actuator, Inergen® Fire Suppression System (Ansul 427354)	41.68	7.04
21 22 16 00-0010	EA	Actuator, Connecting Link For CV98 Valve, Inergen® Fire Suppression System (Ansul 842514)	50.47	8.47
21 22 16 00-0011	EA	16" Stainless Steel Braided Actuation Hose, Inergen® Fire Suppression System (Ansul 831809)	68.08	11.56
21 22 16 00-0012	EA	20" Stainless Steel Braided Actuation Hose, Inergen® Fire Suppression System (Ansul 832335)	68.08	12.34
21 22 16 00-0013	EA	24" Stainless Steel Braided Actuation Hose, Inergen® Fire Suppression System (Ansul 832336)	68.08	11.56
21 22 16 00-0014	EA	Flexible Discharge Bend For CV90 And CV98 (200 Bar), Inergen® Fire Suppression System (Ansul 427082)	138.77	23.55
21 22 16 00-0015	EA	Metron Protractor Replacement Cartridges, Inergen® Fire Suppression System (Ansul 423958)	150.53	25.30
21 22 16 00-0016	EA	Electric Actuator, Lever, CV98, Inergen® Fire Suppression System (Ansul 423309)	270.61	45.81
21 22 16 00-0017	EA	Electric Actuator For CV98 Valve, Inergen® Fire Suppression System (Ansul 423684) Note: Includes current limiter module.	580.34	98.06
21 22 16 00-0018	EA	Electric Actuator For CV90 Valve, Inergen® Fire Suppression System (Ansul 426876)	617.32	104.32

21 22 16 00-0019 Check Valves, Inergen® Fire Suppression System *(21 22 16 00-0002)*

21 22 16 00-0020	EA	1/4" NPT, Bronze Check Valve, Inergen® Fire Suppression System (Ansul 853051)	65.00	17.71
21 22 16 00-0021	EA	1/2" NPT, Bronze Check Valve, Inergen® Fire Suppression System (Ansul 840860)	167.49	24.79
21 22 16 00-0022	EA	3/4" NPT, Bronze Check Valve, Inergen® Fire Suppression System (Ansul 840852)	256.55	33.05
21 22 16 00-0023	EA	1" NPT, Bronze Check Valve, Inergen® Fire Suppression System (Ansul 841470)	533.14	41.10
21 22 16 00-0024	EA	1-1/4" NPT, Bronze Check Valve, Inergen® Fire Suppression System (Ansul 841549)	668.08	51.95
21 22 16 00-0025	EA	1-1/2" NPT, Bronze Check Valve, Inergen® Fire Suppression System (Ansul 841463)	780.55	60.62
21 22 16 00-0026	EA	2" NPT, Bronze Check Valve, Inergen® Fire Suppression System (Ansul 840649)	1,302.21	70.54
21 22 16 00-0027	EA	2-1/2" NPT, Bronze Check Valve, Inergen® Fire Suppression System (Ansul 840656)	2,055.32	103.07
21 22 16 00-0028	EA	3" NPT, Bronze Check Valve, Inergen® Fire Suppression System (Ansul 840665)	3,444.99	119.29
21 22 16 00-0029	EA	2" Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 840794)	1,491.07	165.04
21 22 16 00-0030	EA	2-1/2" Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 846095)	3,014.34	206.87
21 22 16 00-0031	EA	3" Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 840672)	3,664.06	249.94

21 22 16 00-0032 Components, Inergen® Fire Suppression System *(21 22 16 00-0002)*

21 22 16 00-0033	EA	1/2" Manifold Relief Valve, Inergen® Fire Suppression System (Ansul 418378)	42.73	7.22
21 22 16 00-0034	EA	Header Vent Plug, Inergen® Fire Suppression System (Ansul 840309)	62.82	10.63
21 22 16 00-0035	EA	Pressure Trip With Manual Pull, Inergen® Fire Suppression System (Ansul 805156)	127.90	21.61
21 22 16 00-0036	EA	Pressure Operated Siren, Inergen® Fire Suppression System (Ansul 419700)	457.67	77.35
21 22 16 00-0037	EA	30 Second Pneumatic Time Delay, Inergen® Fire Suppression System (Ansul 54169)	1,433.04	242.04
21 22 16 00-0038	EA	60 Second Time Delay, Inergen® Fire Suppression System (Ansul 426170)	1,459.57	246.59

21 22 16 00-0039 Cylinders, Inergen® Fire Suppression System *(21 22 16 00-0002)*

Note: Includes CV98 valve.

21 22 16 00-0040	EA	200 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426147)	1,311.66	221.52
21 22 16 00-0041	EA	250 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426148)	1,486.99	250.97
21 22 16 00-0042	EA	350 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426620)	1,925.95	325.23
21 22 16 00-0043	EA	425 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426594)	2,130.43	359.83
21 22 16 00-0044	EA	435 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426150)	2,130.43	397.42
21 22 16 00-0045	EA	200 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426256)	1,481.77	249.94
21 22 16 00-0046	EA	250 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426257)	1,657.10	279.84
21 22 16 00-0047	EA	350 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426621)	2,097.35	354.20
21 22 16 00-0048	EA	425 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426595)	2,299.22	388.33
21 22 16 00-0049	EA	435 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426259)	2,377.01	427.07

21 22 16 00-0050 Directional And Stop Valves, Inergen® Fire Suppression System *(21 22 16 00-0002)*

21 22 16 00-0051	EA	Normally Open, Valve Lever For 1/2" Globe Valve, Inergen® Fire Suppression System (Ansul 840248)	181.42	30.47
21 22 16 00-0052	EA	Normally Open, Valve Lever For 3/4" Globe Valve, Inergen® Fire Suppression System (Ansul 840267)	181.42	30.47
21 22 16 00-0053	EA	Normally Closed, Valve Lever For 1/2" Globe Valve, Inergen® Fire Suppression System (Ansul 840238)	181.42	30.47
21 22 16 00-0054	EA	Normally Closed, Valve Lever For 3/4" Globe Valve, Inergen® Fire Suppression System (Ansul 840239)	181.42	30.47
21 22 16 00-0055	EA	Valve Sector For 1/2" Globe Valve, Inergen® Fire Suppression System (Ansul 840276)	319.33	53.59
21 22 16 00-0056	EA	Valve Sector For 3/4" Globe Valve, Inergen® Fire Suppression System (Ansul 840279)	341.95	57.32
21 22 16 00-0057	EA	1/2" Globe Valve, Inergen® Fire Suppression System (Ansul 841451) Note: Excludes lever and sector.	763.51	128.07
21 22 16 00-0058	EA	3/4" Globe Valve, Inergen® Fire Suppression System (Ansul 841102) Note: Excludes lever and sector.	818.78	171.44

21 22 16 00-0059 Inspection/Maintenance Devices, Inergen® Fire Suppression System *(21 22 16 00-0002)*

21 22 16 00-0060	EA	0 To 10 Grid Standard Chart Paper For Model 312 Chart Recorder, Inergen® Fire Suppression System (Ansul 417223)	20.97	3.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0061	EA	Red Spare Rectangular Body Pens For Model 312 Chart Recorder, Inergen® Fire Suppression System (Ansul 417222)	39.86	6.68
21 22 16 00-0062	EA	Blue Spare Rectangular Body Pens For Model 312 Chart Recorder, Inergen® Fire Suppression System (Ansul 417221)	41.95	7.02
21 22 16 00-0063	EA	CV90 Fill Adaptor To CV98 Valve, Conversion Adapter, Inergen® Fire Suppression System (Ansul 423657)	48.02	8.05
21 22 16 00-0064	EA	CV98 To CV90 Conversion Adapter, Cylinder Test Gauge, Inergen® Fire Suppression System (Ansul 426181)	48.02	8.05
21 22 16 00-0065	EA	CV90 Pressure Test Assembly Venting Kit, Inergen® Fire Suppression System (Ansul 426954)	53.33	8.95
21 22 16 00-0066	EA	Pressure Test Gauge, Inergen® Fire Suppression System (Ansul 423923)	918.82	153.71
21 22 16 00-0067	EA	8 Channel Logger With RS232 Interface Cable, Signalogger-PC, Inergen® Fire Suppression System (Ansul 417750)	2,875.21	481.05
21 22 16 00-0068	EA	M-Tek Model 312, 2 Pen 4" Chart Recorder, Bench Mount Cabinet, Inergen® Fire Suppression System (Ansul 417220)	5,227.95	874.56
21 22 16 00-0069	EA	O2/CO2 Analyzer, Inergen® Fire Suppression System (Ansul 417219)	11,957.69	2,000.45

21 22 16 00-0070 Multiple Cylinder Bracketing, Inergen® Fire Suppression System *(21 22 16 00-0002)*

21 22 16 00-0071	EA	2 Cylinder Back Frame Assembly, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 879638)	123.33	20.66
21 22 16 00-0072	EA	3 Cylinder Back Frame Assembly, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 879639)	160.97	27.21
21 22 16 00-0073	EA	4 Cylinder Back Frame Assembly, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 879640)	214.91	36.15
21 22 16 00-0074	EA	5 Cylinder Back Frame Assembly, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 879641)	259.72	43.87
21 22 16 00-0075	EA	6 Cylinder Back Frame Assembly, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 879642)	311.49	52.68
21 22 16 00-0076	EA	10-1/2" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 873250) Note: For single row 200 cubic foot cylinders.	10.68	1.91
21 22 16 00-0077	EA	11" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 873251) Note: For single row 250 cubic foot cylinders.	11.36	1.91
21 22 16 00-0078	EA	12-1/2" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 873252) Note: For single row 350 or 425 cubic foot cylinders.	11.36	1.91
21 22 16 00-0079	EA	13" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418502) Note: For single row 435 cubic foot cylinders.	14.02	2.35
21 22 16 00-0080	EA	21" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 873253) Note: For double row 200 cubic foot cylinders.	29.02	4.86
21 22 16 00-0081	EA	22" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 873254) Note: For double row 250 cubic foot cylinders.	25.06	4.19
21 22 16 00-0082	EA	26" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 873255) Note: For double row 350 or 425 cubic foot cylinders.	15.18	2.54
21 22 16 00-0083	EA	27" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418503) Note: For double row 435 cubic foot cylinders.	20.05	3.36
21 22 16 00-0084	EA	Connector (Bracketing), Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 879413) Note: Required to hook together back frames for seven or more cylinders.	20.70	3.47
21 22 16 00-0085	EA	2 Cylinder Clamp, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 873091)	48.82	8.18
21 22 16 00-0086	EA	3 Cylinder Clamp, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 873092)	59.08	9.90

21 22 16 00-0087 Nameplates, Inergen® Fire Suppression System *(21 22 16 00-0002)*

21 22 16 00-0088	EA	"Main", Nameplate, Inergen® Fire Suppression System (Ansul 841942)	11.36	1.91
21 22 16 00-0089	EA	"Reserve", Nameplate, Inergen® Fire Suppression System (Ansul 841943)	11.36	1.91
21 22 16 00-0090	EA	Warning Plate, Nameplate, Inside Room With Alarm, Inergen® Fire Suppression System (Ansul 416265)	15.58	2.63
21 22 16 00-0091	EA	Warning Plate, Nameplate, Outside Room Without Alarm, Inergen® Fire Suppression System (Ansul 416266)	15.58	2.63
21 22 16 00-0092	EA	Pull Cable Actuation Operating Instruction Plate, Nameplate, Inergen® Fire Suppression System (Ansul 841915)	31.02	5.17

21 22 16 00-0093 Nozzle Deflector Shields, Inergen® Fire Suppression System *(21 22 16 00-0002)*

21 22 16 00-0094	EA	1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417708)	66.78	11.34
21 22 16 00-0095	EA	3/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417711)	70.68	11.88
21 22 16 00-0096	EA	1" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417714)	81.13	13.72
21 22 16 00-0097	EA	1-1/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417717)	91.80	15.49
21 22 16 00-0098	EA	1-1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417720)	105.49	17.82

21 22 16 00-0099 Nozzles, Inergen® Fire Suppression System *(21 22 16 00-0002)*

21 22 16 00-0100	EA	1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417908)	104.20	17.56
21 22 16 00-0101	EA	3/8" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417723)	107.45	18.07
21 22 16 00-0102	EA	1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417362)	98.98	16.73
21 22 16 00-0103	EA	3/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417363)	107.45	18.07
21 22 16 00-0104	EA	1" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417364)	117.45	19.88
21 22 16 00-0105	EA	1-1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417365)	125.30	21.17
21 22 16 00-0106	EA	1-1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417366)	134.87	22.72
21 22 16 00-0107	EA	2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426155)	234.93	39.76
21 22 16 00-0108	EA	2-1/2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426156)	310.18	52.15
21 22 16 00-0109	EA	3" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426137)	339.59	57.32
21 22 16 00-0110	EA	1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426138)	122.03	20.64
21 22 16 00-0111	EA	3/8" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426139)	142.69	24.17
21 22 16 00-0112	EA	1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426140)	117.45	19.88
21 22 16 00-0113	EA	3/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426141)	124.65	21.07
21 22 16 00-0114	EA	1" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426142)	125.96	21.17
21 22 16 00-0115	EA	1-1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426143)	151.84	25.71
21 22 16 00-0116	EA	1-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426157)	164.87	27.88
21 22 16 00-0117	EA	2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426144)	253.20	42.79
21 22 16 00-0118	EA	2-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426145)	296.69	50.09
21 22 16 00-0119	EA	3" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426146)	324.55	54.74

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0120		**Pressure Reducers, Inergen® Fire Suppression System** *(21 22 16 00-0002)*		
21 22 16 00-0121	EA	1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416677)	134.87	22.72
21 22 16 00-0122	EA	3/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416678)	167.48	28.30
21 22 16 00-0123	EA	1" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416679)	179.66	30.47
21 22 16 00-0124	EA	1-1/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416680)	253.20	42.79
21 22 16 00-0125	EA	1-1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416681)	277.13	46.89
21 22 16 00-0126	EA	2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416682)	325.85	54.74
21 22 16 00-0127	EA	2-1/2" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417057)	379.79	64.18
21 22 16 00-0128	EA	3" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417058)	449.84	75.91
21 22 16 00-0129	EA	2-1/2" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426823)	582.96	98.53
21 22 16 00-0130	EA	3" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426824)	776.56	131.17
21 22 16 00-0131	EA	4" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426825)	884.87	149.55
21 22 16 00-0132	EA	2-1/2" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426847)	560.33	94.65
21 22 16 00-0133	EA	3" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426848)	618.63	104.60
21 22 16 00-0134	EA	4" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426849)	884.87	149.55
21 22 16 00-0135	EA	2-1/2" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426853)	577.74	97.60
21 22 16 00-0136	EA	3" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426854)	643.43	108.70
21 22 16 00-0137	EA	4" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426855)	888.45	159.71
21 22 16 00-0138		**Pressure Switches, Inergen® Fire Suppression System** *(21 22 16 00-0002)*		
21 22 16 00-0139	EA	DPST With 2-3/4" Outlets, Pressure Switch, Inergen® Fire Suppression System (Ansul 846250)	338.90	57.27
21 22 16 00-0140	EA	DPDT, Explosion Proof And Latching, Pressure Switch, Inergen® Fire Suppression System (Ansul 843241)	531.63	89.86
21 22 16 00-0141	EA	3PST, Pressure Switch, Inergen® Fire Suppression System (Ansul 842344)	676.50	114.12
21 22 16 00-0142		**Releasing Device Equipment, Inergen® Fire Suppression System** *(21 22 16 00-0002)*		
21 22 16 00-0143	EA	12 Or 24 VDC Assembly, Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 17728)	1,057.59	177.06
21 22 16 00-0144	EA	24 VDC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 31492)	1,409.55	235.93
21 22 16 00-0145	EA	120 VAC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 32525)	1,434.34	239.99
21 22 16 00-0146	EA	240 VAC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 32526)	1,733.26	288.16
21 22 16 00-0147	EA	Cocking Lever For Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 26310)	72.66	12.20
21 22 16 00-0148	EA	LT-30-R Nitrogen Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 5373)	95.93	16.16
21 22 16 00-0149	EA	Remote Actuator Booster With N2 Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 28939)	770.07	126.31
21 22 16 00-0150		**Replacement Orifice Plates, Inergen® Fire Suppression System** *(21 22 16 00-0002)*		
21 22 16 00-0151	EA	1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418095)	71.35	11.99
21 22 16 00-0152	EA	3/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418096)	75.26	12.63
21 22 16 00-0153	EA	1" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418097)	76.57	12.84
21 22 16 00-0154	EA	1-1/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418098)	79.18	13.27
21 22 16 00-0155	EA	1-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418099)	87.02	14.56
21 22 16 00-0156	EA	2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418100)	93.75	15.74
21 22 16 00-0157	EA	2-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426984)	251.89	42.18
21 22 16 00-0158	EA	3" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426985)	254.50	42.60
21 22 16 00-0159	EA	4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426986)	325.85	54.60
21 22 16 00-0160		**Single Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0002)*		
21 22 16 00-0161	EA	Strap For 200 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 845120)	55.42	9.29
21 22 16 00-0162	EA	Strap For 250 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 845121)	55.42	9.29
21 22 16 00-0163	EA	Strap For 350-425 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 845122)	64.59	10.89
21 22 16 00-0164	EA	Strap For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427704)	117.45	19.88
21 22 16 00-0165	EA	Channel For 200 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 845244) Note: Includes fasteners.	61.78	10.33
21 22 16 00-0166	EA	Channel For 250 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 845261) Note: Includes fasteners.	69.39	11.78
21 22 16 00-0167	EA	Channel For 350-425 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 845245) Note: Includes fasteners.	75.90	12.86
21 22 16 00-0168	EA	Channel For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427705) Note: Includes saddle, padding and fasteners.	168.89	45.45
21 22 16 00-0169		**Single Mating Flanges, Flanged Manifold Orifices, Inergen® Fire Suppression System** *(21 22 16 00-0002)*		
21 22 16 00-0170	EA	2 1/2" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426856) Note: Includes gasket and fasteners.	174.01	29.39
21 22 16 00-0171	EA	3" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426857) Note: Includes gasket and fasteners.	259.72	43.87
21 22 16 00-0172	EA	4" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426858) Note: Includes gasket and fasteners.	295.39	49.92
21 22 16 00-0173	EA	2-1/2" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426859) Note: Includes gasket and fasteners.	162.27	27.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0174	EA	3" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426860) Note: Includes gasket and fasteners.	190.11	32.02
21 22 16 00-0175	EA	4" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426861) Note: Includes gasket and fasteners.	290.17	49.06
21 22 16 00-0176	EA	2-1/2" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426862) Note: Includes gasket and fasteners.	170.10	28.74
21 22 16 00-0177	EA	3" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426863) Note: Includes gasket and fasteners.	197.95	33.50
21 22 16 00-0178	EA	4" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426864) Note: Includes gasket and fasteners.	316.71	53.60
21 22 16 00-0179	EA	2-1/2" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426828) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	12.91	2.18
21 22 16 00-0180	EA	3" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426829) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	14.14	2.40
21 22 16 00-0181	EA	4" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426830) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	16.87	2.84
21 22 16 00-0182		Upright And Feet, Cylinder Bracketing, Inergen® Fire Suppression System *(21 22 16 00-0002)*		
21 22 16 00-0183	EA	Center Upright Foot, Inergen® Fire Suppression System (Ansul 418508)	20.85	3.49
21 22 16 00-0184	EA	Left Bracket Foot, Single Or Back-To-Back Row, Inergen® Fire Suppression System (Ansul 873553)	39.33	6.60
21 22 16 00-0185	EA	Right Bracket Foot, Single Or Back-To-Back Row, Inergen® Fire Suppression System (Ansul 873554)	39.33	6.60
21 22 16 00-0186	EA	Left Bracket Foot, Double Row, Inergen® Fire Suppression System (Ansul 873555)	56.99	9.54
21 22 16 00-0187	EA	Right Bracket Foot, Double Row, Inergen® Fire Suppression System (Ansul 873556)	56.99	9.54
21 22 16 00-0188	EA	Upright, Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 872357) Note: Center, left side or right side.	89.84	15.09
21 22 16 00-0189	EA	Single Row, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 871683)	91.36	15.20
21 22 16 00-0190	EA	Double Row, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 871682)	107.24	17.88
21 22 16 00-0191	EA	Single Row, Back-To-Back Rows, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 871684)	107.24	17.88
21 22 16 00-0192	EA	Double Row, Back-To-Back Rows, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 423027)	158.36	26.55
21 22 16 00-0193	EA	85" High, Cylinder Bracketing For 425 CF And LC100# Cylinders, Inergen® Fire Suppression System (Ansul 426592) Note: Includes upright, left, right and center.	129.12	26.55
21 22 16 00-0194		Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0001)*		
21 22 16 00-0195		Accessory Switches, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0194)*		
21 22 16 00-0196	EA	Abort, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76495)	136.17	22.91
21 22 16 00-0197	EA	Abort, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76494)	155.75	26.12
21 22 16 00-0198	EA	Main/Reserve, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76497)	197.95	33.19
21 22 16 00-0199	EA	Main/Reserve, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76496)	213.62	35.75
21 22 16 00-0200	EA	Maintenance, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76499)	267.99	44.96
21 22 16 00-0201	EA	Maintenance, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76498)	284.96	47.74
21 22 16 00-0202	EA	Explosion Proof, Abort Switch, Autopulse® Fire Detection And Control Equipment (Ansul 65956)	549.88	92.06
21 22 16 00-0203	EA	N.O. Contact Block Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76486)	22.58	3.79
21 22 16 00-0204	EA	N.C. Contact Block Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76485)	25.06	4.19
21 22 16 00-0205	EA	Single Gang, Surface Mount Back Box For Accessory Switches, Autopulse® Fire Detection And Control Equipment (Ansul 76490)	40.89	6.85
21 22 16 00-0206	EA	Double Gang, Back Box For Accessory Switches, Autopulse® Fire Detection And Control Equipment (Ansul 76492)	27.45	4.61
21 22 16 00-0207		Alarm Devices, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0194)*		
21 22 16 00-0208	EA	Selectable Candela Strobe, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429698)	118.77	19.91
21 22 16 00-0209	EA	Weatherproof, Horn And 117 Candela Strobe, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429696)	163.57	27.40
21 22 16 00-0210	EA	Sync Module, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429699)	174.01	29.11
21 22 16 00-0211	EA	Back Box Extender Adapter, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429702)	15.84	2.65
21 22 16 00-0212		Annunciators, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0194)*		
21 22 16 00-0213	EA	80 Character LCD, Annunciator, LCD-80, Autopulse® Fire Detection And Control Equipment (Ansul 417492)	1,380.39	231.00
21 22 16 00-0214	EA	Annunciator Programming Kit For LCD-80, PK-LCD-80, Autopulse® Fire Detection And Control Equipment (Ansul 417884)	1,021.92	171.06
21 22 16 00-0215	EA	16 Zone Alarm, Annunciator, AFM-16A, Autopulse® Fire Detection And Control Equipment (Ansul 417494)	558.60	92.91
21 22 16 00-0216	EA	16 Zone Alarm/Trouble, Annunciator, AFM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417495)	689.54	115.40
21 22 16 00-0217	EA	16 Zone Alarm/Trouble, Annunciator Control Module, ACM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417496)	1,156.36	193.54
21 22 16 00-0218	EA	16 Zone Alarm/Trouble, Annunciator Expander Module, AEM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417497)	897.94	150.29
21 22 16 00-0219	EA	32 Zone, Alarm Annunciator, AFM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417498)	590.79	98.91
21 22 16 00-0220	EA	32 Zone, Alarm Annunciator Control Module, ACM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417499)	897.94	150.29
21 22 16 00-0221	EA	32 Zone, Alarm Annunciator Expander Module, AEM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417500)	781.77	130.81
21 22 16 00-0222	EA	Annunciator Lamp Driver Control Module, LDM-32, Autopulse® Fire Detection And Control Equipment (Ansul 417501)	781.77	130.81

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0223	EA	Annunciator Lamp Driver Expander Module, LDM-E32, Autopulse® Fire Detection And Control Equipment (Ansul 417502)	625.16	104.69
21 22 16 00-0224	EA	Annunciator Lamp Driver Relay Module, LDM-R32, Autopulse® Fire Detection And Control Equipment (Ansul 417650)	1,156.36	193.54
21 22 16 00-0225	EA	24", Annunciator Lamp Driver Cable, LDM-CBL24, Autopulse® Fire Detection And Control Equipment (Ansul 417651)	233.61	39.18
21 22 16 00-0226	EA	48", Annunciator Lamp Driver Cable, LDM-CBL48, Autopulse® Fire Detection And Control Equipment (Ansul 417652)	294.09	49.24
21 22 16 00-0227	EA	8 Relay, Annunciator Control Module, ACM-8R, Autopulse® Fire Detection And Control Equipment (Ansul 417653)	590.79	98.91
21 22 16 00-0228	EA	Surface, Annunciator Back Box For ACM-8R, ABS-8R, Autopulse® Fire Detection And Control Equipment (Ansul 417654)	201.86	67.65
21 22 16 00-0229	EA	Surface, Single Annunciator Back Box, ABS-1T, Autopulse® Fire Detection And Control Equipment (Ansul 417655)	98.98	16.59
21 22 16 00-0230	EA	Surface, Deep, Single Annunciator Back Box, ABS-1T, Autopulse® Fire Detection And Control Equipment (Ansul 417493)	174.01	16.59
21 22 16 00-0231	EA	Surface, Double Annunciator Back Box, Surface, ABS-2, Autopulse® Fire Detection And Control Equipment (Ansul 417656)	159.65	26.76
21 22 16 00-0232	EA	Key Switch, AKS-1 Annunciator Accessory, Autopulse® Fire Detection And Control Equipment (Ansul 417660)	98.98	16.59
21 22 16 00-0233	EA	Low Profile Annunciator Chassis, CHS-4L, Autopulse® Fire Detection And Control Equipment (Ansul 418576) Note: For up to 4 LDM modules.	136.17	22.91
21 22 16 00-0234	EA	Flush, Single Annunciator Back Box, ABF-1, Autopulse® Fire Detection And Control Equipment (Ansul 417657)	233.61	39.18
21 22 16 00-0235	EA	Flush, Double Annunciator Back Box, ABF-2, Autopulse® Fire Detection And Control Equipment (Ansul 417658)	294.09	49.24
21 22 16 00-0236	EA	Flush, Four Annunciator Back Box, ABF-4, Autopulse® Fire Detection And Control Equipment (Ansul 417659)	585.56	98.05

21 22 16 00-0237 Autopulse IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0194)*

21 22 16 00-0238	EA	A Size (CAB-A3), IQ-396X Red Enclosure, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419671)	662.15	110.89
21 22 16 00-0239	EA	B Size (CAB-B3), IQ-396X Red Enclosure, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419672)	883.58	147.93
21 22 16 00-0240	EA	C Size (CAB-C3), IQ-396X Red Enclosure, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419673)	1,349.94	225.86
21 22 16 00-0241	EA	CAB-A3 Red Trim Ring, TR-A3R, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419608)	223.18	37.47
21 22 16 00-0242	EA	CAB-B3 Red Trim Ring, TR-B3R, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419609)	223.18	37.47
21 22 16 00-0243	EA	CAB-C3 Red Trim Ring, TR-C3R, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419610)	223.18	37.47
21 22 16 00-0244	EA	CHS-4 Chassis, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419586)	190.11	31.90
21 22 16 00-0245	EA	CHS-4M Chassis, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419587) Note: Includes CHS-4, MP-1 and cable.	301.91	50.52
21 22 16 00-0246	EA	IQ-396X Dress Panel, DP-1 Blank, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419588)	73.30	12.31
21 22 16 00-0247	EA	IQ-396X Blank Module, BM-1, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419581)	62.04	10.41
21 22 16 00-0248	EA	REL 47K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419639)	13.04	2.18
21 22 16 00-0249	EA	REL 4.7K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419640)	15.84	2.65
21 22 16 00-0250	EA	REL 2.2K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 407765)	15.84	2.65

21 22 16 00-0251 Autopulse IQ-396X Control Systems, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0194)*

21 22 16 00-0252	EA	BE-IQ 396X, Basic Equipment Shipping Assembly, IQ-396X Control Systems, Autopulse® Fire Detection And Control Equipment (Ansul 419404)	7,343.14	1,228.66
21 22 16 00-0253	EA	IQ-301/IQ-396X Programming Kit, IQ-396X Control Systems, Autopulse® Fire Detection And Control Equipment (Ansul 428413)	667.37	111.76
21 22 16 00-0254	EA	IQ-301/IQ-396X Programming Upgrade CD, IQ-396X Control Systems, Autopulse® Fire Detection And Control Equipment (Ansul 428414)	211.00	35.33

21 22 16 00-0255 Autopulse IQ-396X Modules, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0194)*

21 22 16 00-0256	EA	Indicating Circuit, IQ-396X Modules, ICM-4, Autopulse® Fire Detection And Control Equipment (Ansul 419563)	807.01	135.09
21 22 16 00-0257	EA	Indicating Circuit Expander, IQ-396X Modules, ICE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419564)	427.21	71.50
21 22 16 00-0258	EA	Control Relay, IQ-396X Modules, CRM-4, Autopulse® Fire Detection And Control Equipment (Ansul 419565)	506.39	84.78
21 22 16 00-0259	EA	Control Relay Expander, IQ-396X Modules, CRE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419566)	254.50	42.60
21 22 16 00-0260	EA	Auxiliary Relay, IQ-396X Modules, ARM-4, Autopulse® Fire Detection And Control Equipment (Ansul 419570)	325.85	54.60

21 22 16 00-0261 Batteries And Power Supplies, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0194)*

21 22 16 00-0262	EA	7 AH, 24 VDC Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417692)	163.57	27.40
21 22 16 00-0263	EA	12 AH, 24 VDC Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417693)	346.74	58.02
21 22 16 00-0264	EA	18 AH, 24 VDC Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417694)	392.85	65.73
21 22 16 00-0265	EA	25 AH, 24 VDC Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417695)	478.54	80.07
21 22 16 00-0266	EA	55 AH, 24 VDC Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417997)	830.51	138.94
21 22 16 00-0267	EA	BB-17, Grey Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 417468)	131.82	22.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0268	EA	BB-17, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 418578)	131.82	22.05
21 22 16 00-0269	EA	BB-25, Grey Cabinet, Autopulse® Fire Detection And Control Equipment (Ansul 428079) Note: Holds six XP5 modules or 25AH battery pack.	237.53	39.82
21 22 16 00-0270	EA	BB-55, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 419410) Note: For mounting in BB-55 battery box.	484.20	81.14
21 22 16 00-0271	EA	Battery Charger, CHG-120, Autopulse® Fire Detection And Control Equipment (Ansul 426207) Note: For mounting in BB-55 battery box.	1,412.15	236.36
21 22 16 00-0272	EA	0-10 Amps, Ammeter, AM-1, Autopulse® Fire Detection And Control Equipment (Ansul 426208) Note: c	63.08	10.58
21 22 16 00-0273	EA	0-50 Volts, Voltmeter, VM-1, Autopulse® Fire Detection And Control Equipment (Ansul 426209)	63.08	10.58
21 22 16 00-0274	EA	Ammeter-Voltmeter Module, 4XMM, Autopulse® Fire Detection And Control Equipment (Ansul 417472)	231.00	38.75
21 22 16 00-0275	EA	6 AMP, 120/240 Volt, APS-6R Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 426513) Note: (IQ-301/IQ-396X).	924.48	154.79
21 22 16 00-0276	EA	120 VAC, FCPS-24, Grey Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418561)	1,032.37	172.77
21 22 16 00-0277	EA	220 VAC, FCPS-24E, Grey Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418562)	1,032.37	172.77
21 22 16 00-0278	EA	120 VAC, FCPS-24F, Red Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418563)	1,032.37	172.77
21 22 16 00-0279	EA	220 VAC, FCPS-24EF, Red Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418564)	1,032.37	172.77

21 22 16 00-0280 Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0194)*

21 22 16 00-0281	EA	Monitor Module, Intelligent Addressable Devices, FMM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428097)	109.42	18.30
21 22 16 00-0282	EA	Mini Monitor Module, Intelligent Addressable Devices, FMM-101, Autopulse® Fire Detection And Control Equipment (Ansul 428098)	108.76	18.20
21 22 16 00-0283	EA	Isolator Module, Intelligent Addressable Devices, ISO-X, Autopulse® Fire Detection And Control Equipment (Ansul 417480)	155.75	26.12
21 22 16 00-0284	EA	2-Wire Detector Monitor Module, Intelligent Addressable Devices, FZM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428100)	203.17	34.04
21 22 16 00-0285	EA	NAC Control Module, Intelligent Addressable Devices, FCM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428101)	164.87	27.62
21 22 16 00-0286	EA	Control Relay Module, Intelligent Addressable Devices, FRM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428102)	158.36	26.55
21 22 16 00-0287	EA	Transponder 5 Circuit Monitor Module, Intelligent Addressable Devices, XP5-M, Autopulse® Fire Detection And Control Equipment (Ansul 428076)	561.64	93.99
21 22 16 00-0288	EA	5 Circuit Transponder Control Module, Intelligent Addressable Devices, XP5-C, Autopulse® Fire Detection And Control Equipment (Ansul 428077)	779.17	130.38
21 22 16 00-0289	EA	Low Profile, Analog Addressable Detector, Intelligent Addressable Devices, IPX-751, Autopulse® Fire Detection And Control Equipment (Ansul 423942)	211.00	35.33
21 22 16 00-0290	EA	Low Profile, Analog Addressable Detector, Intelligent Addressable Devices, LPX-751, Autopulse® Fire Detection And Control Equipment (Ansul 423943)	488.11	81.78
21 22 16 00-0291	EA	Photo, Analog Addressable Detector, Intelligent Addressable Devices, HPX-751, Autopulse® Fire Detection And Control Equipment (Ansul 427065)	512.92	85.85
21 22 16 00-0292	EA	Ionization, Analog Addressable Detector, Intelligent Addressable Devices, FSI-751, Autopulse® Fire Detection And Control Equipment (Ansul 428090)	140.09	23.55
21 22 16 00-0293	EA	Photoelectric, Analog Addressable Detector, Intelligent Addressable Devices, FSP-751, Autopulse® Fire Detection And Control Equipment (Ansul 428091)	155.75	26.12
21 22 16 00-0294	EA	Photo/Thermal, Analog Addressable Detector, Intelligent Addressable Devices, FSP-751T, Autopulse® Fire Detection And Control Equipment (Ansul 428092)	177.06	29.76
21 22 16 00-0295	EA	Duct, Analog Addressable Detector, Intelligent Addressable Devices, FSD-751P, Autopulse® Fire Detection And Control Equipment (Ansul 428093) Note: Without alarm relay, photo.	374.57	62.73
21 22 16 00-0296	EA	Duct, Analog Addressable Detector, Intelligent Addressable Devices, FSD-751RP, Autopulse® Fire Detection And Control Equipment (Ansul 428094) Note: Without alarm relay, photo.	457.67	76.64
21 22 16 00-0297	EA	Thermal, Analog Addressable Detector, Intelligent Addressable Devices, FST-751, Autopulse® Fire Detection And Control Equipment (Ansul 428095)	101.58	17.02
21 22 16 00-0298	EA	Thermal With Rate-Of-Rise, Analog Addressable Detector, Intelligent Addressable Devices, FST-751R, Autopulse® Fire Detection And Control Equipment (Ansul 428096)	110.29	18.51
21 22 16 00-0299	EA	Analog Addressable Detector Base, Intelligent Addressable Devices, B710LP, Autopulse® Fire Detection And Control Equipment (Ansul 423944)	21.10	3.53
21 22 16 00-0300	EA	Flangeless, Analog Addressable Detector Base, Intelligent Addressable Devices, B501, Autopulse® Fire Detection And Control Equipment (Ansul 417487)	25.33	4.24
21 22 16 00-0301	EA	Audible, Analog Addressable Detector Base, Intelligent Addressable Devices, B501BH, Autopulse® Fire Detection And Control Equipment (Ansul 417488)	131.82	22.05
21 22 16 00-0302	EA	Analog Addressable Detector Base With Isolator, Intelligent Addressable Devices, B224BI, Autopulse® Fire Detection And Control Equipment (Ansul 426125)	89.19	14.98
21 22 16 00-0303	EA	Harsh Detector, Analog Addressable Detector Base, Intelligent Addressable Devices, B710HD, Autopulse® Fire Detection And Control Equipment (Ansul 427066)	87.02	14.56
21 22 16 00-0304	EA	HPX-751 Detector Filter Cover, Intelligent Addressable Devices, FR-FTX, Autopulse® Fire Detection And Control Equipment (Ansul 427067)	32.07	11.99
21 22 16 00-0305	EA	Low Profile Trim Ring, Intelligent Addressable Devices, F110, Autopulse® Fire Detection And Control Equipment (Ansul 428138) Note: Converts BX501 to low profile base.	7.91	1.33
21 22 16 00-0306	EA	Relay Base, Intelligent Addressable Devices, B224RB, Autopulse® Fire Detection And Control Equipment (Ansul 423945)	83.75	14.02
21 22 16 00-0307	EA	EOL Power Supervision Relay, Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment (Ansul 417699)	49.33	8.27
21 22 16 00-0308	EA	Recessed Detector Mounting Kit, Intelligent Addressable Devices, RMK400, Autopulse® Fire Detection And Control Equipment (Ansul 417489)	15.18	2.54
21 22 16 00-0309	EA	XP5 Modules Cabinet, Intelligent Addressable Devices, BB-XP, Autopulse® Fire Detection And Control Equipment (Ansul 428078)	130.08	21.83
21 22 16 00-0310	EA	BB-25 Chassis, Intelligent Addressable Devices, CHS-6, Autopulse® Fire Detection And Control Equipment (Ansul 428080)	68.74	11.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0311		**Manual Pull Stations, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0194)*		
21 22 16 00-0312	EA	Break Rod Package For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 428661)	18.49	3.11
21 22 16 00-0313	EA	Key Pull Station For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 418336)	8.79	1.71
21 22 16 00-0314		**Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0194)*		
21 22 16 00-0315	EA	Transmitter Module, 4XTM, Autopulse® Fire Detection And Control Equipment (Ansul 417470) Note: Includes municipal box and remote station connection.	174.01	29.11
21 22 16 00-0316	EA	Relay/Transmitter Module With 8 Form C Relay Contacts, RTM-8, Autopulse® Fire Detection And Control Equipment (Ansul 417471)	499.86	83.71
21 22 16 00-0317	EA	Universal Digital Alarm COM/XMTR Module, UDACT, Autopulse® Fire Detection And Control Equipment (Ansul 419411)	1,008.44	168.70
21 22 16 00-0318	EA	911 AC Digital Communicator Transmitter, Autopulse® Fire Detection And Control Equipment (Ansul 407477)	538.15	90.13
21 22 16 00-0319	EA	Programmer For 911 AC Transmitter, Autopulse® Fire Detection And Control Equipment (Ansul 407478)	460.28	77.07
21 22 16 00-0320	EA	Ferrite Core For Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (Ansul 419635)	26.11	4.36
21 22 16 00-0321		**Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0001)*		
21 22 16 00-0322		**Batteries And Power Supplies, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0321)*		
21 22 16 00-0323	EA	Transformer Only, VSP-TRAN-120, Vesda® Aspirating Smoke Detection System (Ansul 430482)	125.29	20.56
21 22 16 00-0324	EA	Battery Cabinet, VBC-001, Vesda® Aspirating Smoke Detection System (Ansul 430379)	362.85	59.51
21 22 16 00-0325	EA	120 VAC, Single Zone Power Supply With Housing, VPS-100US-120, Vesda® Aspirating Smoke Detection System (Ansul 430374)	730.93	119.89
21 22 16 00-0326	EA	220 VAC, Single Zone Power Supply With Housing, VPS-100US-220, Vesda® Aspirating Smoke Detection System (Ansul 430375)	730.93	119.89
21 22 16 00-0327	EA	120 VAC, Multi Zone Power Supply, VPS-300US-120, Vesda® Aspirating Smoke Detection System (Ansul 430376) Note: Includes housing and battery cab.	1,096.38	179.83
21 22 16 00-0328	EA	220 VAC, Multi Zone Power Supply, VPS-300US-220, Vesda® Aspirating Smoke Detection System (Ansul 430377) Note: Includes housing and battery cab.	1,096.38	179.83
21 22 16 00-0329	EA	48 VDC, Multi Zone Power Supply With Housing, VPS-400US-48, Vesda® Aspirating Smoke Detection System (Ansul 430378)	1,396.59	229.08
21 22 16 00-0330		**Blank Plates, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0321)*		
21 22 16 00-0331	EA	Blank Plate Without VESDA Logo, VSP-300, Vesda® Aspirating Smoke Detection System (Ansul 430459)	23.49	3.85
21 22 16 00-0332	EA	Blank Plate With VESDA Logo, VSP-000, Vesda® Aspirating Smoke Detection System (Ansul 430458)	23.49	3.85
21 22 16 00-0333	EA	Blank Plate, EMC Painted Without Logo, VSP-200, Vesda® Aspirating Smoke Detection System (Ansul 430484)	44.37	7.28
21 22 16 00-0334	EA	Single Blank Plate, VRE-001, Vesda® Aspirating Smoke Detection System (Ansul 430446)	49.59	8.14
21 22 16 00-0335	EA	Double Blank Plate, VRE-002, Vesda® Aspirating Smoke Detection System (Ansul 430447)	99.19	16.27
21 22 16 00-0336	EA	Blank Plate Without FOK LED's And Logo, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430480)	125.29	20.56
21 22 16 00-0337		**Detectors, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0321)*		
21 22 16 00-0338	EA	LaserPLUS, Detector Only, Enclosure, VLP-000, Vesda® Aspirating Smoke Detection System (Ansul 430350) Note: Includes 3 blank plates.	6,134.54	1,006.22
21 22 16 00-0339	EA	LaserPLUS Detector, VLP-012, Vesda® Aspirating Smoke Detection System (Ansul 430354) Note: Includes centrally mounted LCD programmer module and standard display.	7,570.29	1,241.72
21 22 16 00-0340	EA	LaserPLUS Detector, VLP-010, Vesda® Aspirating Smoke Detection System (Ansul 430356) Note: Includes centrally mounted LCD programmer.	6,917.68	1,134.67
21 22 16 00-0341	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-200, Vesda® Aspirating Smoke Detection System (Ansul 430357)	9,136.56	1,498.63
21 22 16 00-0342	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-300, Vesda® Aspirating Smoke Detection System (Ansul 430358)	9,658.65	1,584.26
21 22 16 00-0343	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-600, Vesda® Aspirating Smoke Detection System (Ansul 430359) Note: Includes 1 fire alarm (any SCT) and OK/FOK LEDs.	9,267.08	1,520.04
21 22 16 00-0344	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-700, Vesda® Aspirating Smoke Detection System (Ansul 430360) Note: Includes 1 fire alarm (any SCT) and OK/FOK LED.	9,789.16	1,605.67
21 22 16 00-0345	EA	7-Relay, LaserSCANNER Detector Only, VLS-204, Vesda® Aspirating Smoke Detection System (Ansul 430361) Note: Includes 2 blank plates and scan display module at far right.	10,180.75	1,669.90
21 22 16 00-0346	EA	12-Relay, LaserSCANNER Detector, VLS-304, Vesda® Aspirating Smoke Detection System (Ansul 430363) Note: Includes 2 blank plates and scanner display.	10,702.84	1,755.53
21 22 16 00-0347	EA	7-Relay, LaserSCANNER Detector, VLS-214, Vesda® Aspirating Smoke Detection System (Ansul 430365) Note: Includes centrally mounted programmer module.	11,224.91	1,841.17
21 22 16 00-0348	EA	12-Relay, LaserSCANNER Detector, VLS-314, Vesda® Aspirating Smoke Detection System (Ansul 430367) Note: Includes centrally mounted LCD programmer module and scanner display module.	11,746.98	1,926.80
21 22 16 00-0349	EA	12-Relay, LaserSCANNER Detector, VLS-310, Vesda® Aspirating Smoke Detection System (Ansul 430369) Note: Includes centrally mounted LCD programmer.	10,702.84	1,755.53
21 22 16 00-0350		**Displays, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0321)*		
21 22 16 00-0351	EA	VRT-200 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430381) Note: Includes a remote termination card and 7 relays.	1,435.75	235.49
21 22 16 00-0352	EA	VRT-400 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430385) Note: Includes a remote termination card and 7 relays.	1,435.75	235.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0353	EA	VRT-600 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430383) Note: Includes a remote termination card without relays.	1,305.22	214.09
21 22 16 00-0354	EA	VRT-700 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430387) Note: Includes a remote termination card.	1,305.22	214.09
21 22 16 00-0355	EA	VRT-800 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430389) Note: Includes a remote termination card and 12 relays.	1,566.27	256.90
21 22 16 00-0356	EA	VRT-K00 Display, Compact Version Without Relays, Vesda® Aspirating Smoke Detection System (Ansul 430391)	1,357.43	222.65
21 22 16 00-0357	EA	VRT-J00 Display, Compact Version With 7 Relays, Vesda® Aspirating Smoke Detection System (Ansul 430393)	1,524.50	250.06
21 22 16 00-0358		**Intelligent Addressable Devices, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0321)*		
21 22 16 00-0359	EA	LaserCOMPACT (VN), VESDAnet Version Plus Relay Output, VLC-505, Vesda® Aspirating Smoke Detection System (Ansul 430370)	4,307.24	706.49
21 22 16 00-0360	EA	LaserCOMPACT (RO), Relay Only Version, VLC-500, Vesda® Aspirating Smoke Detection System (Ansul 430372)	3,445.79	565.20
21 22 16 00-0361	EA	Programmer With Remote Termination Card, VRT-100, Vesda® Aspirating Smoke Detection System (Ansul 430380)	1,305.22	214.09
21 22 16 00-0362	EA	VESDAnet Socket, VRT-300, Vesda® Aspirating Smoke Detection System (Ansul 430395)	848.40	139.16
21 22 16 00-0363	EA	System Relay Module, VRT-S07, Vesda® Aspirating Smoke Detection System (Ansul 430399)	1,143.37	187.54
21 22 16 00-0364	EA	PC-Link High-Level Interface, VHX-0200, Vesda® Aspirating Smoke Detection System (Ansul 430442) Note: Interface connects PC and LaserPLUS system.	1,409.63	231.22
21 22 16 00-0365	EA	Modem Cable, PC-HLI To Modem Connection, VHX-00090, Vesda® Aspirating Smoke Detection System (Ansul 430443)	211.45	34.69
21 22 16 00-0366	EA	Hand-Held Programmer, VHH-1000, Vesda® Aspirating Smoke Detection System (Ansul 430444)	1,305.22	214.09
21 22 16 00-0367	EA	Programmer Module, VSP-001, Vesda® Aspirating Smoke Detection System (Ansul 430460)	1,083.34	177.70
21 22 16 00-0368	EA	VESDAnet Socket Kit, VSP-003, Vesda® Aspirating Smoke Detection System (Ansul 430463)	835.34	137.02
21 22 16 00-0369	EA	Standard Display Module, VSP-002, Vesda® Aspirating Smoke Detection System (Ansul 430461)	1,083.34	177.70
21 22 16 00-0370	EA	Scanner Display Module, VSP-004, Vesda® Aspirating Smoke Detection System (Ansul 430464)	1,083.34	177.70
21 22 16 00-0371	EA	Remote Display Module, Compact (VN), VSP-502, Vesda® Aspirating Smoke Detection System (Ansul 430487)	1,018.08	166.99
21 22 16 00-0372	EA	Filter Cartridge, VSP-005, Vesda® Aspirating Smoke Detection System (Ansul 430466)	97.85	14.98
21 22 16 00-0373	EA	Detector Chassis Assembly, VSP-006, Vesda® Aspirating Smoke Detection System (Ansul 430467)	5,012.05	822.10
21 22 16 00-0374	EA	Scanner Chassis Assembly, VSP-009, Vesda® Aspirating Smoke Detection System (Ansul 430470)	8,771.09	1,438.68
21 22 16 00-0375	EA	Detector Cover Assembly With EMC Shields, VSP-013, Vesda® Aspirating Smoke Detection System (Ansul 430473)	129.67	64.23
21 22 16 00-0376	EA	Aspirator For LaserPLUS And Laser Scanner, VSP-015, Vesda® Aspirating Smoke Detection System (Ansul 430475)	652.62	107.04
21 22 16 00-0377	EA	Filter Cover, VSP-019, Vesda® Aspirating Smoke Detection System (Ansul 430477)	13.06	2.14
21 22 16 00-0378	EA	Cover Screws, 17606, Vesda® Aspirating Smoke Detection System (Ansul 430478)	2.60	0.43
21 22 16 00-0379	EA	US Power Supply Circuit Board Only, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430481)	378.51	62.09
21 22 16 00-0380	EA	Relay Processor Module (DRP), VSP-102, Vesda® Aspirating Smoke Detection System (Ansul 430483)	459.44	75.36
21 22 16 00-0381	EA	Aspirator, LaserCOMPACT, VSP-501, Vesda® Aspirating Smoke Detection System (Ansul 430486)	665.67	109.18
21 22 16 00-0382	EA	RO-Cable For LaserCOMPACT Relay Only, (RO) Version, VSP-509, Vesda® Aspirating Smoke Detection System (Ansul 430488)	99.19	16.27
21 22 16 00-0383	EA	Miniature Sampling Point, E700-SP, Vesda® Aspirating Smoke Detection System (Ansul 430502)	20.89	3.43
21 22 16 00-0384		**Labels And Decals, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0321)*		
21 22 16 00-0385	EA	Sampling Point Labels, Roll Of 35, E700-SP-DCL-PIPE, Vesda® Aspirating Smoke Detection System (Ansul 430509)	15.67	2.56
21 22 16 00-0386	EA	Round Point Label, Roll Of 50, E700-SP-DCL-PNT, Vesda® Aspirating Smoke Detection System (Ansul 430505)	18.27	3.00
21 22 16 00-0387	EA	Red, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLR, Vesda® Aspirating Smoke Detection System (Ansul 430506)	23.49	3.85
21 22 16 00-0388	EA	Grey, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLG, Vesda® Aspirating Smoke Detection System (Ansul 430507)	23.49	3.85
21 22 16 00-0389	EA	Sampling Point Decal, Wrap-Around Style, Roll Of 200, E700-SP-DCL, Vesda® Aspirating Smoke Detection System (Ansul 430508)	88.77	14.56
21 22 16 00-0390		**Mounting Hardware, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0321)*		
21 22 16 00-0391	EA	Remote Mounting Single Box With Escutcheon Only, VKT-000, Vesda® Aspirating Smoke Detection System (Ansul 430456)	187.95	30.83
21 22 16 00-0392	EA	Recessed Mounting Kit For Remote Single Boxes, VSP-012, Vesda® Aspirating Smoke Detection System (Ansul 430472)	250.61	41.10
21 22 16 00-0393	EA	Recessed Mounting Kit For VLP Or VLS Detector, VSP-011, Vesda® Aspirating Smoke Detection System (Ansul 430471)	274.10	44.96
21 22 16 00-0394	EA	Remote 19 Sub Rack With 4 Blank Plates, VSR-0000, Vesda® Aspirating Smoke Detection System (Ansul 430457)	391.57	64.23
21 22 16 00-0395	EA	Sub Rack Enclosure, VRE-100, Vesda® Aspirating Smoke Detection System (Ansul 430445)	861.44	141.29
21 22 16 00-0396		**Pipe And Fittings, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0321)*		
21 22 16 00-0397	LF	3/4", Orange CPVC Pipe, Vesda® Aspirating Smoke Detection System (Ansul 430491)	103.86	50.96
21 22 16 00-0398	EA	3/4", End Cap, CPVC Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430497)	12.14	5.57
21 22 16 00-0399	EA	3/4", 45 Degree Elbow, CPVC Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430494)	16.41	7.74
21 22 16 00-0400	EA	3/4", 90 Degree Elbow, CPVC Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430493)	16.89	7.74
21 22 16 00-0401	EA	3/4", Coupling, CPVC Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430495)	16.89	7.74
21 22 16 00-0402	EA	3/4", Union, CPVC Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430496)	22.33	9.20
21 22 16 00-0403	EA	3/4", Tee, CPVC Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430498)	27.69	12.91
21 22 16 00-0404	EA	3/4" x 1/2" FPT, Tee, CPVC, Vesda® Aspirating Smoke Detection System (Ansul 430499)	30.54	12.91
21 22 16 00-0405	LF	1/2" OD x 3/8" ID, Black Polyethylene Tubing, Vesda® Aspirating Smoke Detection System (Ansul 430500)	4.28	1.55
21 22 16 00-0406	EA	Pipe Adapters, Metric-To-Imperial, VSP-021, Vesda® Aspirating Smoke Detection System (Ansul 430479)	14.31	4.71
21 22 16 00-0407	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Plastic, E700-CAP KIT, Vesda® Aspirating Smoke Detection System (Ansul 430503)	20.89	3.43
21 22 16 00-0408	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Brass, Vesda® Aspirating Smoke Detection System (Ansul 430504)	28.71	4.71

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0409		Remote Termination And Relay Cards, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0321)*		
21 22 16 00-0410	EA	VRT-500, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430396) Note: Remote box includes 7 relays for VLP/VLC.	1,002.42	164.42
21 22 16 00-0411	EA	VN, Compact Termination Card, VSP-515, Vesda® Aspirating Smoke Detection System (Ansul 430490)	1,153.82	189.25
21 22 16 00-0412	EA	12-Relay, Remote Termination Card, VSP-208, Vesda® Aspirating Smoke Detection System (Ansul 430485)	704.82	115.61
21 22 16 00-0413	EA	RO, Compact Termination Card, VSP-510, Vesda® Aspirating Smoke Detection System (Ansul 430489)	796.19	130.59
21 22 16 00-0414	EA	VRT-501, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430397) Note: Remote box includes 7 relays for VLS.	1,002.42	164.42
21 22 16 00-0415	EA	VRT-900 Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430398) Note: Remote box includes 12 relays for VLS.	1,153.82	189.25
21 22 16 00-0416	EA	Remote Termination Card Without Relay, VSP-007, Vesda® Aspirating Smoke Detection System (Ansul 430468)	355.02	58.23
21 22 16 00-0417	EA	Remote Termination Card (RTC7), VSP-008, Vesda® Aspirating Smoke Detection System (Ansul 430469)	542.98	89.06
21 22 16 00-0418	EA	7-Relay, Head Termination Card, VSP-014, Vesda® Aspirating Smoke Detection System (Ansul 430474)	1,122.49	184.12
21 22 16 00-0419	EA	12-Relay, Head Termination Card, VSP-016, Vesda® Aspirating Smoke Detection System (Ansul 430476)	1,644.58	269.76
21 22 16 00-0420		Software, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0321)*		
21 22 16 00-0421	EA	System Management (VSM 3 PLUS) Software Package, VSW-007, Vesda® Aspirating Smoke Detection System (Ansul 430448)	5,325.31	873.48
21 22 16 00-0422	EA	ASPIRE Pipe Modeling Software, Windows-Based, VSW-002, Vesda® Aspirating Smoke Detection System (Ansul 430449)	78.32	12.84
21 22 16 00-0423	EA	V-Config Basic, VSW-004, Vesda® Aspirating Smoke Detection System (Ansul 430450)	78.32	12.84
21 22 16 00-0424	EA	V-Config PRO, VSW-005, Vesda® Aspirating Smoke Detection System (Ansul 430451)	313.25	51.38
21 22 16 00-0425		Preferred® Low Pressure CO2 System *(21 22 16 00-0001)*		
21 22 16 00-0426		Manual Pull Stations, Preferred® Low Pressure CO2 System *(21 22 16 00-0425)*		
21 22 16 00-0427	EA	Addressable, DPST, Dual Action Pull Station, Preferred® Low Pressure CO2 System (Ansul 428658) Note: Excludes FMM-101.	86.14	14.98
21 22 16 00-0428	EA	Weatherproof Backbox For Manual Pull Stations, Preferred® Low Pressure CO2 System (Ansul 428659)	62.64	11.13
21 22 16 00-0429		Industrial Fire Control System *(21 22 16 00-0001)*		
21 22 16 00-0430		Alarm Devices, Industrial Fire Control System *(21 22 16 00-0429)*		
21 22 16 00-0431	EA	Explosion Proof Alarm Horn, Alarm Devices, Industrial Fire Control System (Ansul 65947)	2,360.99	394.99
21 22 16 00-0432	EA	6", 115 VAC Alarm Bell For Release Systems, Alarm Devices, Industrial Fire Control System (Ansul 24751)	54.12	9.08
21 22 16 00-0433	EA	Horn And 15 Candela Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429694)	155.75	26.12
21 22 16 00-0434	EA	Horn And 75 Candela Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429695)	155.75	26.12
21 22 16 00-0435	EA	24 VAC, Multitone Horn, Alarm Devices, Industrial Fire Control System (Ansul 429697)	70.03	11.78
21 22 16 00-0436	EA	Weatherproof Surface Back Box For Horn And Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429700)	42.20	7.07
21 22 16 00-0437	EA	Semi-Flush Plate, Alarm Devices, Industrial Fire Control System (Ansul 429701)	17.14	2.87
21 22 16 00-0438		Manual Pull Stations, Industrial Fire Control System *(21 22 16 00-0429)*		
21 22 16 00-0439	EA	SPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428655)	70.47	12.42
21 22 16 00-0440	EA	DPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428656)	89.56	17.56
21 22 16 00-0441	EA	Explosion Proof, DPDT, Dual Action Pull Station, Industrial Fire Control System (Ansul 428657)	823.97	137.88
21 22 16 00-0442	EA	Surface Mounted Backbox For Manual Pull Stations, Industrial Fire Control System (Ansul 428660)	23.75	3.98
21 22 16 00-0443	EA	Extra Pull Station Labels For Manual Pull Stations, Industrial Fire Control System (Ansul 428654)	10.57	1.78
21 22 16 00-0444		Marine Fire Control System *(21 22 16 00-0001)*		
21 22 16 00-0445		Alarm Devices, Marine Fire Control System *(21 22 16 00-0444)*		
21 22 16 00-0446	EA	Weatherproof Surface Mount Back Box For Alarm Accessories, Alarm Devices, Marine Fire Control System (Ansul 24747)	42.98	7.19
21 22 16 00-0447	EA	6", 24 VDC Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417805)	83.10	13.92
21 22 16 00-0448	EA	10", 24 VDC Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417806)	83.10	13.92
21 22 16 00-0449		Sapphire® Fire Suppression Systems *(21 22 16)* Note: ANSUL® SAPPHIRE® fire suppression systems use 3M™ Novec™ 1230 fire protection fluid for total flooding applications.		
21 22 16 00-0450		Cylinders, Sapphire® Fire Suppression Systems *(21 22 16 00-0449)*		
21 22 16 00-0451	EA	20#, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570635)	937.17	54.75
21 22 16 00-0452	EA	40#, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570636)	992.18	54.75
21 22 16 00-0453	EA	80#, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570637)	1,046.31	54.75
21 22 16 00-0454	EA	140#, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570638)	1,755.08	73.00
21 22 16 00-0455	EA	280#, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570639)	2,058.90	73.00
21 22 16 00-0456	EA	390#, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570640)	2,240.34	91.25
21 22 16 00-0457	EA	450#, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570641)	2,387.01	91.25
21 22 16 00-0458	EA	850#, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570586)	3,436.29	109.49
21 22 16 00-0459		Nozzles, Sapphire® Fire Suppression Systems *(21 22 16 00-0449)*		
21 22 16 00-0460	EA	1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570515)	113.41	9.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0461	EA	3/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570516)	116.03	9.13
21 22 16 00-0462	EA	1" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570517)	123.03	9.13
21 22 16 00-0463	EA	1-1/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570518)	128.26	9.13
21 22 16 00-0464	EA	1-1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570519)	136.12	9.13
21 22 16 00-0465	EA	2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570520)	150.09	9.13
21 22 16 00-0466	EA	1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570602)	113.41	9.13
21 22 16 00-0467	EA	3/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570603)	116.03	9.13
21 22 16 00-0468	EA	1" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570604)	123.03	9.13
21 22 16 00-0469	EA	1-1/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570605)	128.26	9.13
21 22 16 00-0470	EA	1-1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570606)	136.12	9.13
21 22 16 00-0471	EA	2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570607)	150.09	9.13
21 22 16 00-0472		**Actuation Attachments, Sapphire® Fire Suppression System** *(21 22 16 00-0449)*		
21 22 16 00-0473	EA	7/16-20 To 1/4" NPT, Male Actuation Elbow, Sapphire® Fire Suppression System (Ansul 31810)	10.53	2.74
21 22 16 00-0474	EA	7/16-20 To 1/4" NPT, Male Actuation Tee, Sapphire® Fire Suppression System (Ansul 31811)	14.03	2.74
21 22 16 00-0475	EA	1/4" NPT To 7/16-20, Male Actuation Connector, Sapphire® Fire Suppression System (Ansul 32338)	20.01	6.39
21 22 16 00-0476	EA	16" Actuation Hose, Sapphire® Fire Suppression System (Ansul 73597)	50.04	8.18
21 22 16 00-0477	EA	32" Actuation Hose, Sapphire® Fire Suppression System (Ansul 415142)	52.14	8.18
21 22 16 00-0478	EA	42" Actuation Hose, Sapphire® Fire Suppression System (Ansul 430815)	72.66	8.18
21 22 16 00-0479	EA	24", Stainless Steel, Swivel, Braided Actuation Hose, Sapphire® Fire Suppression System (Ansul 32336)	66.98	8.18
21 22 16 00-0480	EA	Pneumatic Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	216.71	73.00
21 22 16 00-0481	EA	Local Manual Actuator, Sapphire® Fire Suppression System (Ansul 570549)	198.54	54.75
21 22 16 00-0482	EA	Electric Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	506.57	73.00
21 22 16 00-0483		**Nameplates, Sapphire® Fire Suppression Systems** *(21 22 16 00-0449)*		
21 22 16 00-0484	EA	Warning Plate For Use Outside Room, Sapphire® Fire Suppression Systems (Ansul 570580)	36.24	9.13
21 22 16 00-0485	EA	Warning Plate for Use Inside Room, Sapphire® Fire Suppression Systems (Ansul 570581)	36.24	9.13
21 22 16 00-0486		**Cylinder Bracketing, Sapphire® Fire Suppression Systems** *(21 22 16 00-0449)*		
21 22 16 00-0487	EA	Tank Bracket Assembly For 20#, 40#, 50#, 80# And 90# Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	109.32	27.37
21 22 16 00-0488	EA	Tank Bracket Assembly For 140#, 280#, 390# And 450# Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	115.86	27.37
21 22 16 00-0489	EA	Tank Bracket Assembly For 850# Tanks, Sapphire® Fire Suppression Systems (Ansul 570336)	124.16	27.37
21 22 16 00-0490		**Check Valves, Sapphire® Fire Suppression Systems** *(21 22 16 00-0449)*		
21 22 16 00-0491	EA	1" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570566)	287.51	29.06
21 22 16 00-0492	EA	2" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570568)	405.17	49.86
21 22 16 00-0493		**Discharge Hose, Sapphire® Fire Suppression Systems** *(21 22 16 00-0449)*		
21 22 16 00-0494	EA	1" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570539)	93.26	18.25
21 22 16 00-0495	EA	2" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570538)	380.50	18.25
21 22 16 00-0496	EA	3" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 69990)	308.03	18.25
21 22 16 00-0497	EA	3" Discharge Hose And Check Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 69841)	1,287.98	73.00
21 22 16 00-0498		**Swivel Adaptors, Sapphire® Fire Suppression Systems** *(21 22 16 00-0449)*		
21 22 16 00-0499	EA	1" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570557)	33.18	12.77
21 22 16 00-0500	EA	2" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570558)	48.11	12.77
21 22 16 00-0501	EA	3" Flare To 3" Grooved, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69471)	144.85	9.13
21 22 16 00-0502	EA	3" Flare To 3" NPT, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69470)	185.48	9.13
21 22 16 00-0503		**Pressure Switches, Sapphire® Fire Suppression Systems** *(21 22 16 00-0449)*		
21 22 16 00-0504	EA	Cylinder Low Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 570585)	121.02	36.50
21 22 16 00-0505	EA	Pressure Trip, Sapphire® Fire Suppression Systems (Ansul 5156)	124.96	15.33
21 22 16 00-0506	EA	Weather Proof, DPST Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 46250)	377.45	63.87
21 22 16 00-0507		**Level Indicators, Sapphire® Fire Suppression Systems** *(21 22 16 00-0449)*		
21 22 16 00-0508	EA	Liquid Level Indicator For 280# Tanks, Sapphire® Fire Suppression Systems (Ansul 570277)	459.48	12.77
21 22 16 00-0509	EA	Liquid Level Indicator For 390# And 850# Tanks, Sapphire® Fire Suppression Systems (Ansul 570278)	481.30	12.77
21 22 16 00-0510	EA	Liquid Level Indicator For 450# Tanks, Sapphire® Fire Suppression Systems (Ansul 570589)	514.94	18.25
21 22 16 00-0511		**Inspection/Maintenance Devices, Sapphire® Fire Suppression Systems** *(21 22 16 00-0449)*		
21 22 16 00-0512	EA	Master Tank Pilot Port Male Adaptor, Sapphire® Fire Suppression Systems (Ansul 570342)	34.64	10.95
21 22 16 00-0513	EA	Cylinder Valve Pressure Gauge, Sapphire® Fire Suppression Systems (Ansul 570642)	42.75	12.77
21 22 16 00-0514	EA	Recharge Top Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570579)	139.52	54.75
21 22 16 00-0515	EA	1" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570576)	164.93	54.75
21 22 16 00-0516	EA	2" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570592)	186.75	54.75
21 22 16 00-0517	EA	3" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 69891)	255.29	54.75
21 22 16 00-0518		**Replacement Parts, Sapphire® Fire Suppression Systems** *(21 22 16 00-0449)*		
21 22 16 00-0519	EA	O-Ring Kit, Sapphire® Fire Suppression Systems (Ansul 570559)	35.39	14.60
21 22 16 00-0520	EA	Recoil Cap, Sapphire® Fire Suppression Systems (Ansul 570553)	69.32	9.13
21 22 16 00-0521	EA	Burst Disc Assembly, Sapphire® Fire Suppression Systems (Ansul 570053)	91.94	18.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0522	EA	Bonnet Assembly, Sapphire® Fire Suppression Systems (Ansul 570543)	236.80	73.00
21 22 16 00-0523	EA	Piston Assembly, Sapphire® Fire Suppression Systems (Ansul 570551)	336.33	73.00
21 22 16 00-0524	EA	1" Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570535)	1,254.80	73.00
21 22 16 00-0525		FM200 System Equipment *(21 22 16)*		
21 22 16 00-0526	EA	26# Cylinder, Filled, For FM200 Fire Protection system	2,241.18	103.28
21 22 16 00-0527	EA	44# Cylinder, Filled, For FM200 Fire Protection system	3,195.94	118.25
21 22 16 00-0528	EA	63# Cylinder, Filled, For FM200 Fire Protection system	3,793.18	139.43
21 22 16 00-0529	EA	101# Cylinder, Filled, For FM200 Fire Protection system	5,016.27	165.25
21 22 16 00-0530	EA	196# Cylinder, Filled, For FM200 Fire Protection system	7,811.73	206.56
21 22 16 00-0531	EA	Electro/Mechanical Release, For FM200 Fire Protection system	561.09	206.56
21 22 16 00-0532	EA	Manual Pull Station, For FM200 Fire Protection system	192.83	68.69
21 22 16 00-0533	EA	Pneumatic Damper Release, For FM200 Fire Protection system	208.09	51.64
21 22 16 00-0534	LB	FM200 Gas	15.01	
21 22 16 00-0535	EA	Master Cylinder, For FM200 Fire Protection system	3,593.28	55.56
21 22 16 00-0536	EA	Shuttle Check Valve, For FM200 Fire Protection system	475.44	77.67
21 22 16 00-0537	EA	Flex Head Cylinder, For FM200 Fire Protection system	478.86	83.25
21 22 16 00-0538	EA	Nozzles, For FM200 Fire Protection system	126.70	29.44
21 22 16 00-0539	EA	Cylinder Support, For FM200 Fire Protection system	166.39	55.56
21 22 16 00-0540	EA	Solenoid Valve, For FM200 Fire Protection system	599.42	83.25
21 22 16 00-0541	EA	Battery Back-Up, For FM200 Fire Protection system	585.37	219.57
21 22 16 00-0542	EA	Control Panel, Single Zone, For FM200 Fire Protection system	2,828.72	412.50
21 22 16 00-0543	EA	Control Panel, Multizone, For FM200 Fire Protection system	4,673.07	825.93
21 22 16 00-0544	EA	Smoke Or Heat Detector, For FM200 Fire Protection system	237.92	83.25
21 22 16 00-0545	EA	Annunciator, For FM200 Fire Protection system	2,278.66	312.63
21 22 16 00-0546	EA	Pressure Switch, For FM200 Fire Protection system	252.14	83.25
21 22 16 00-0547	EA	Alarm Horn, For FM200 Fire Protection system	236.54	83.25
21 22 16 00-0548	EA	Testing, For FM200 Fire Protection system	1,075.07	
21 22 16 00-0549	EA	Abort Switch, For FM200 Fire Protection system	147.42	38.73

21 23 Wet-Chemical Fire-Extinguishing Systems *(21 20)*

21 23 16 Wet-Chemical Fire-Extinguishing Equipment *(21 23)*

21 23 16 00-0001 Kidde Fire Systems *(21 23 16)*

Note: Kidde or equal.

21 23 16 00-0002	EA	125 Cylinder And Valve Assembly With 1.25 Gallon of Wet Agent	466.47	65.70
21 23 16 00-0003	EA	260 Cylinder And Valve Assembly With 2.6 Gallon of Wet Agent	581.60	81.83
21 23 16 00-0004	EA	400S And L Cylinder And Valve Assembly With 4 Gallon of Wet Agent	717.86	100.96
21 23 16 00-0005	EA	600 And L Cylinder And Valve Assembly With 6 Gallon of Wet Agent	851.71	119.79
21 23 16 00-0006	EA	125 Cylinder Mounting Bracket	51.97	7.30
21 23 16 00-0007	EA	260 Cylinder Mounting Bracket	55.08	7.74
21 23 16 00-0008	EA	400S And L Cylinder Mounting Bracket	103.79	14.60
21 23 16 00-0009	EA	600 Cylinder Mounting Bracket	117.78	16.57
21 23 16 00-0010	EA	Discharge Adapter Kit (One Required Per Cylinder)	24.42	3.44
21 23 16 00-0011	EA	Pressure Operated Actuator	97.23	13.65
21 23 16 00-0012	EA	Control Head - Mechanical - No Microswitch	389.67	54.82
21 23 16 00-0013	EA	Control Head - Mechanical - 1 Microswitch	406.50	57.15
21 23 16 00-0014	EA	Control Head - Mechanical - 2 Microswitches	466.35	65.63
21 23 16 00-0015	EA	Control Head - Electric 120 VAC/24 VDC	599.76	84.38
21 23 16 00-0016	EA	Control Head - Tandem	354.38	49.86
21 23 16 00-0017	EA	Vent Plug	19.66	2.77
21 23 16 00-0018	EA	Vent Check	44.22	6.21
21 23 16 00-0019	EA	3/8" NPT Nozzle; ADP, F, GRW Or R	47.54	6.72
21 23 16 00-0020	EA	3/8" NPT Nozzle; LPF Or DM	51.42	6.72
21 23 16 00-0021	EA	3/8" NPT Nozzle; LPR	59.27	6.72
21 23 16 00-0022	EA	3/8" Swivel Adapter For Nozzles	33.65	4.75
21 23 16 00-0023	EA	Replacement Nozzle Seals	5.51	
21 23 16 00-0024	EA	Disc Cap	3.28	0.43
21 23 16 00-0025	EA	Universal Link Housing Kit Note: Includes (1) bracket (11-3/4"), (2) "S" hook, and (2) cable crimp sleeves.	16.98	2.41
21 23 16 00-0026	EA	KFA-360 link For KRS-50 And Mechanical Control Head, 360F "A" Link	9.09	1.31
21 23 16 00-0027	EA	KGS Standard Res. Link	6.44	1.10
21 23 16 00-0028	EA	KGS Rapid Res. Link	8.60	2.05
21 23 16 00-0029	EA	Corner Pulley	14.00	1.97
21 23 16 00-0030	EA	Tee Pulley	88.90	12.05
21 23 16 00-0031	EA	3 Way Pulley	22.66	3.21
21 23 16 00-0032	EA	Cable, 1/16" x 500' long	171.83	24.09
21 23 16 00-0033	EA	EMT Adapter, 1/2" EMT x 3/8" NPT	48.10	6.79
21 23 16 00-0034	EA	Cable Crimp Sleeve (Minimum 50 Pieces)	1.03	0.29
21 23 16 00-0035	EA	"S" Hook (Minimum 50 Pieces)	1.03	0.29
21 23 16 00-0036	EA	Six Liter "K" Extinguisher	328.19	46.13
21 23 16 00-0037	EA	2-1/2 Gallon "K" Extinguisher	340.76	47.96
21 23 16 00-0038	EA	Six Liter "K" Extinguisher, UL Listed	328.19	46.13
21 23 16 00-0039	EA	2-1/2 Gallon "K" Extinguisher, UL Listed	340.76	47.96
21 23 16 00-0040	EA	3/4" NPT Mechanical Cable Operated Gas Shut-off Valve	212.68	15.77
21 23 16 00-0041	EA	1" NPT Mechanical Cable Operated Gas Shut-off Valve	233.82	19.41
21 23 16 00-0042	EA	1-1/4" NPT Mechanical Cable Operated Gas Shut-off Valve	268.15	24.52
21 23 16 00-0043	EA	1-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	297.21	28.25
21 23 16 00-0044	EA	2" NPT Mechanical Cable Operated Gas Shut-off Valve	322.35	33.36
21 23 16 00-0045	EA	2-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	529.37	48.76
21 23 16 00-0046	EA	3" NPT Mechanical Cable Operated Gas Shut-off Valve	593.78	56.43
21 23 16 00-0047	EA	Pneumatic Release (Single Unit)	126.29	17.81
21 23 16 00-0048	EA	1/2" NPT Electric Solenoid Gas Shut-off Valve	220.44	14.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0049	EA	3/4" NPT Electric Solenoid Gas Shut-off Valve	182.82	15.77
21 23 16 00-0050	EA	1" NPT Electric Solenoid Gas Shut-off Valve	300.81	19.41
21 23 16 00-0051	EA	1-1/4" NPT Electric Solenoid Gas Shut-off Valve	312.24	24.52
21 23 16 00-0052	EA	1-1/2" NPT Electric Solenoid Gas Shut-off Valve	470.89	28.25
21 23 16 00-0053	EA	2" NPT Electric Solenoid Gas Shut-off Valve	520.10	33.36
21 23 16 00-0054	EA	2-1/2" NPT Electric Solenoid Gas Shut-off Valve	883.90	48.76
21 23 16 00-0055	EA	3" NPT Electric Solenoid Gas Shut-off Valve	1,188.01	56.43
21 23 16 00-0056	EA	Manual Reset Relay	521.71	73.36
21 23 16 00-0057	EA	Circuit Monitor 120 VAC	117.81	16.57
21 23 16 00-0058	EA	SPDT Microswitch For KRS-50	48.70	6.86
21 23 16 00-0059	EA	DPDT Microswitch For KRS-50	84.15	11.90
21 23 16 00-0060	EA	Pressure Operated Switch, SPDT	271.06	38.17
21 23 16 00-0061	EA	KRS-100 Nitrogen Cylinder	156.54	22.04
21 23 16 00-0062	EA	KRS-100 Actuator Assembly	159.66	22.49
21 23 16 00-0063	EA	KRS-100 Mounting Bracket	39.17	5.55
21 23 16 00-0064	EA	KRS-700S Nitrogen Cylinder	451.57	63.58
21 23 16 00-0065	EA	Mounting Bracket	96.66	13.58
21 23 16 00-0066	EA	KRS-700S Discharge Adapter Kit	96.22	13.58
21 23 16 00-0067	EA	Pressure Operated Actuator	96.66	13.61
21 23 16 00-0068	EA	Pressure Operated Actuator (Old Style)	188.70	26.57
21 23 16 00-0069	EA	Check Valve	68.36	9.63
21 23 16 00-0070	EA	Vent Check	43.79	6.14
21 23 16 00-0071	EA	Replacement Receiver Gasket For KRS-100 Actuator Assembly	5.07	
21 23 16 00-0072	EA	Compression Seal Adapter - 3/8" Tubing	21.75	3.06
21 23 16 00-0073	EA	Compression Seal Adapter - 1/2" Tubing / 1/4" Pipe	23.68	3.35
21 23 16 00-0074	EA	Compression Seal Adapter - 5/8" Tubing / 3/8" Pipe	28.45	4.01
21 23 16 00-0075	EA	Compression Seal Adapter - 3/4" Tubing / 1/2" Pipe	30.38	4.30
21 23 16 00-0076	EA	Compression Seal Adapter - 1/2" EMT	28.45	4.01
21 23 16 00-0077	EA	Quik-Seal Adapter - 3/8" NPT Female	23.68	3.35
21 23 16 00-0078	EA	Quik-Seal Adapter - 1/2" NPT Female	23.68	3.35
21 23 16 00-0079	EA	Quik-Seal Adapter - 3/4" NPT Female	40.36	5.69
21 23 16 00-0080	EA	Quik-Seal Adapter - 1" NPT Female	53.47	7.52
21 23 16 00-0081	EA	Quik-Patch For Hole Patching Up To 1-1/8" Diameter	23.68	3.35
21 23 16 00-0082	EA	WHDR - 450 Cylinder And Valve Assembly With 4-1/2 Gallon Of Wet Agent	780.60	109.86
21 23 16 00-0083	EA	WHDR - 900 Cylinder And Valve Assembly With 9 Gallon Of Wet Agent	1,122.00	157.96
21 23 16 00-0084	EA	WHDR - 450 Shelf Type Mounting Bracket	101.13	14.24
21 23 16 00-0085	EA	WHDR - 900 Shelf Type Mounting Bracket	120.05	16.94
21 23 16 00-0086	EA	Floor Mounting Kit WHDR - 900 (Requires Shelf Mounting Bracket)	58.68	8.25
21 23 16 00-0087	EA	Discharge Adapter Kit For WHDR 450 Or 900	25.16	
21 23 16 00-0088	EA	3/8" NPT FRW Nozzle With Cap	60.92	8.61
21 23 16 00-0089	EA	3/8" NPT Duct Nozzle With Cap	48.56	6.86
21 23 16 00-0090	EA	3/8" NPT Plenum Nozzle With Cap	39.92	5.62
21 23 16 00-0091	EA	3/8" NPT Appliance Nozzle With Cap	39.92	5.62
21 23 16 00-0092	EA	3/8" NPT Wide Angle Appliance Nozzle With Cap	52.88	7.45
21 23 16 00-0093	EA	3/8" NPT Swivel Adapter For Nozzles	48.55	6.86
21 23 16 00-0094	EA	Replacement Blow-off Cap	2.70	0.36
21 23 16 00-0095	EA	FRW Blow-off Cap	6.24	0.88
21 23 16 00-0096	EA	3/4" NPT Mechanical Cable Operated Gas Shut-off Valve, Turnbuckle Style	283.77	0.88
21 23 16 00-0097	EA	1" NPT Mechanical Cable Operated Gas Shut-off Valve	313.73	1.10
21 23 16 00-0098	EA	1-1/4" NPT Mechanical Cable Operated Gas Shut-off Valve	328.12	1.39
21 23 16 00-0099	EA	1-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	359.46	1.60
21 23 16 00-0100	EA	2" NPT Mechanical Cable Operated Gas Shut-off Valve	381.14	1.89
21 23 16 00-0101	EA	3" NPT Mechanical Cable Operated Gas Shut-off Valve	676.88	3.21
21 23 16 00-0102	EA	Nameplate For Turnbuckle Style Mechanical Gas Valves	15.19	
21 23 16 00-0103	EA	Turnbuckle For Turnbuckle Style Mechanical Gas Valves	28.00	
21 23 16 00-0104	EA	Adjusting Screw For Turnbuckle Style Mechanical Gas Valves	24.43	
21 23 16 00-0105	EA	Detect-A-Fire, 325F To 725F, Vertical Mount	195.56	27.52
21 23 16 00-0106	EA	Single Hazard Control Panel, UL Listed, 120 Or 240 VAC Input	1,036.63	145.92
21 23 16 00-0107	EA	Single Hazard Control Panel, ULC Listed, 120 Or 240 VAC Input	1,141.63	160.74
21 23 16 00-0108	EA	Lead Acid Battery, 12VDC, 1.2 AH Note: Two required per panel	86.04	12.12

21 23 16 00-0109 Pyro-Chem Kitchen Fire Suppression Systems *(21 23 16)*

21 23 16 00-0110 Cylinders, Kitchen Fire Suppression Systems *(21 23 16 00-0109)*

21 23 16 00-0111	EA	3.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551194)	476.46	51.82
21 23 16 00-0112	EA	4.6 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551193)	686.34	74.67
21 23 16 00-0113	EA	6.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551196)	903.10	102.13
21 23 16 00-0114	EA	Cylinder Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550053)	98.32	12.19
21 23 16 00-0115	EA	Enclosure With Mechanical Control Unit, Kitchen Fire Suppression Systems (Pyro-Chem 551208)	647.16	79.71
21 23 16 00-0116	EA	Enclosure For Secondary Cylinders, Kitchen Fire Suppression Systems (Pyro-Chem 550966)	395.13	48.62

21 23 16 00-0117 Fusible Links, Kitchen Fire Suppression Systems *(21 23 16 00-0109)*

21 23 16 00-0118	EA	165 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551522)	12.76	1.60
21 23 16 00-0119	EA	212 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551523)	12.76	1.60
21 23 16 00-0120	EA	280 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551524)	13.05	1.60
21 23 16 00-0121	EA	360 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551525)	12.76	1.60
21 23 16 00-0122	EA	450 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551526)	12.76	1.60
21 23 16 00-0123	EA	500 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551527)	13.81	1.60
21 23 16 00-0124	EA	Fusible Link Kit With 10" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550131)	22.10	2.70
21 23 16 00-0125	EA	Fusible Link Kit With 8" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550132)	28.70	3.58
21 23 16 00-0126	EA	Fusible Link Hanger, Kitchen Fire Suppression Systems (Pyro-Chem 550876)	41.40	18.47
21 23 16 00-0127	EA	225 To 600 Fahrenheit, Electrical Thermal Detector, Kitchen Fire Suppression Systems (Pyro-Chem 13970-6)	279.19	41.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0128		**Gas Valves, Kitchen Fire Suppression Systems** *(21 23 16 00-0109)*		
21 23 16 00-0129	EA	3/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550593)	224.95	15.77
21 23 16 00-0130	EA	1" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550594)	256.89	19.41
21 23 16 00-0131	EA	1-1/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550595)	278.86	24.52
21 23 16 00-0132	EA	1-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550596)	307.29	28.18
21 23 16 00-0133	EA	2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 551049)	353.88	33.29
21 23 16 00-0134	EA	2-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550185)	811.45	48.69
21 23 16 00-0135	EA	3" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550186)	867.84	56.36
21 23 16 00-0136	EA	3/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550358)	178.03	15.77
21 23 16 00-0137	EA	1" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550359)	300.28	19.41
21 23 16 00-0138	EA	1-1/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550360)	315.21	24.52
21 23 16 00-0139	EA	1-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550361)	358.88	28.18
21 23 16 00-0140	EA	2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550362)	494.60	33.29
21 23 16 00-0141	EA	2-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550363)	949.81	48.69
21 23 16 00-0142	EA	3" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 17643)	1,003.87	56.36
21 23 16 00-0143		**Nozzles, Kitchen Fire Suppression Systems** *(21 23 16 00-0109)*		
21 23 16 00-0144	EA	Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	45.65	5.40
21 23 16 00-0145	EA	Swivel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	64.46	6.86
21 23 16 00-0146	EA	Stainless Steel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	240.30	6.86
21 23 16 00-0147		**Actuating Cylinders/Cartridges, Kitchen Fire Suppression Systems** *(21 23 16 00-0109)*		
21 23 16 00-0148	EA	Carbon Dioxide Actuation Cartridge, Kitchen Fire Suppression Systems (Pyro-Chem 551059)	16.89	2.12
21 23 16 00-0149	EA	PAC-10, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550104)	553.41	68.55
21 23 16 00-0150	EA	PAC-200, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550690)	705.32	87.67
21 23 16 00-0151		**Circuit Monitors, Kitchen Fire Suppression Systems** *(21 23 16 00-0109)*		
21 23 16 00-0152	EA	24 VDC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550303)	361.79	44.89
21 23 16 00-0153	EA	120 VAC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550302)	436.51	54.09
21 23 16 00-0154		**Control Heads, Kitchen Fire Suppression Systems** *(21 23 16 00-0109)*		
21 23 16 00-0155	EA	Mechanical Control Head, No Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551203)	399.15	49.49
21 23 16 00-0156	EA	Mechanical Control Head With Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551200)	416.66	51.75
21 23 16 00-0157	EA	24 VDC Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551201)	542.67	67.30
21 23 16 00-0158	EA	120 VAC Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551202)	622.61	77.37
21 23 16 00-0159	EA	Control Head Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550853)	50.57	6.28
21 23 16 00-0160		**Corner Pulleys/Tees, Kitchen Fire Suppression Systems** *(21 23 16 00-0109)*		
21 23 16 00-0161	EA	Set Screw Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 415670)	12.42	1.02
21 23 16 00-0162	EA	Compression Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 423250)	12.88	1.31
21 23 16 00-0163	EA	Tee Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550166)	40.54	5.04
21 23 16 00-0164	EA	Replacement Screw For Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550272)	0.54	
21 23 16 00-0165		**Switches, Kitchen Fire Suppression Systems** *(21 23 16 00-0109)*		
21 23 16 00-0166	EA	SPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550227)	44.08	5.47
21 23 16 00-0167	EA	DPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550237)	88.30	10.88
21 23 16 00-0168	EA	Four Pole Double Throw Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550978)	186.85	23.07
21 23 16 00-0169		**Wire Rope/Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0109)*		
21 23 16 00-0170	LF	1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 15821)	0.93	0.22
21 23 16 00-0171	EA	Crimps For 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 550122)	0.59	0.22
21 23 16 00-0172	EA	High Temperature Stainless Steel Crimps, Kitchen Fire Suppression Systems (Pyro-Chem 551551)	2.19	0.29
21 23 16 00-0173	EA	"S" Hooks, Kitchen Fire Suppression Systems (Pyro-Chem 550121)	0.41	
21 23 16 00-0174		**Replacement Parts, Kitchen Fire Suppression Systems** *(21 23 16 00-0109)*		
21 23 16 00-0175	EA	Wet Valve Rebuilding Kit, Kitchen Fire Suppression Systems (Pyro-Chem 550698)	41.92	5.26
21 23 16 00-0176	EA	Wet Valve Cap With Schrader Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550831)	43.75	5.47
21 23 16 00-0177	EA	Wet Spring, Kitchen Fire Suppression Systems (Pyro-Chem 550705)	5.12	0.65
21 23 16 00-0178	EA	225 psi, Wet Gage, Kitchen Fire Suppression Systems (Pyro-Chem 551236)	60.01	7.15
21 23 16 00-0179	EA	Wet Valve O-ring, Kitchen Fire Suppression Systems (Pyro-Chem 550716)	8.43	1.02
21 23 16 00-0180	EA	Wet Piston, Kitchen Fire Suppression Systems (Pyro-Chem 550707)	11.73	1.46
21 23 16 00-0181	EA	Wet Piston O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 550715)	5.12	0.65
21 23 16 00-0182	EA	Wet Nozzle Cap, Kitchen Fire Suppression Systems (Pyro-Chem 551528)	7.22	0.88
21 23 16 00-0183	EA	Wet Nozzle Strainer, Kitchen Fire Suppression Systems (Pyro-Chem 551529)	7.06	0.88
21 23 16 00-0184	EA	Wet Nozzle Cap O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 551530)	2.01	0.22
21 23 16 00-0185	EA	Replacement Teflon Washer For Control Head Actuator, Kitchen Fire Suppression Systems (Pyro-Chem 550257)	3.42	
21 23 16 00-0186	EA	O-Ring Lubrication, Kitchen Fire Suppression Systems (Pyro-Chem 550063)	65.37	
21 23 16 00-0187	EA	3.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 551024)	441.99	
21 23 16 00-0188	EA	4.6 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550902)	575.39	
21 23 16 00-0189	EA	6.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550901)	665.38	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0190		**Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0109)*		
21 23 16 00-0191	EA	3/8" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550857)	20.51	2.48
21 23 16 00-0192	EA	1/2" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550859)	21.24	2.63
21 23 16 00-0193	EA	Wet Valve Tool, Kitchen Fire Suppression Systems (Pyro-Chem 550788)	40.90	5.04
21 23 16 00-0194	EA	Recharge Adapter Kit, Kitchen Fire Suppression Systems (Pyro-Chem 551240)	57.89	
21 23 16 00-0195	EA	3.0 Gallon Of Wet Chemical For Recharge, Kitchen Fire Suppression Systems (Pyro-Chem 551188)	124.41	
21 23 16 00-0196		**Pull Stations/Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0109)*		
21 23 16 00-0197	EA	Mechanical, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551074)	82.69	10.30
21 23 16 00-0198	EA	Electric, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551166)	89.91	14.46
21 23 16 00-0199	EA	Trim Ring For Flush Mounting Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 550088)	22.10	2.70
21 23 16 00-0200	EA	Glass Rods For Pull Stations, Kitchen Fire Suppression Systems (Pyro-Chem 428661)	3.19	0.95

21 24 Dry-Chemical Fire-Extinguishing Systems *(21 20)*

21 24 16 Dry-Chemical Fire-Extinguishing Equipment *(21 24)*

21 24 16 00-0001		**Amerex KP Restaurant Fire Suppression Systems** *(21 24 16)*		
		Note: Amerex or equal.		
21 24 16 00-0002	EA	Agent Cylinder Assembly 3.75 Gallon (With Discharge Valve) Charged	409.65	56.65
21 24 16 00-0003	EA	Agent Cylinder Assembly 6 Gallon (With Discharge Valve) Charged	570.87	71.44
21 24 16 00-0004	EA	Recharge - KP Liquid Agent (3.75 Gallon)	135.58	
21 24 16 00-0005	EA	Recharge - KP Liquid Agent (6 Gallon)	238.34	
21 24 16 00-0006	EA	Bracket Assembly Agent Cylinder 3.75 Gallon (With Distribution Hose Assembly And Distribution Outlet)	94.90	11.89
21 24 16 00-0007	EA	Bracket Assembly Agent Cylinder 6 Gallon	55.29	6.90
21 24 16 00-0008	EA	Discharge Adapter Kit 3/4 NPT - Agent Cylinder 6 Gallon	23.98	
21 24 16 00-0009	EA	Pneumatic Actuator - Agent Cylinder 6 Gallon	94.90	11.89
21 24 16 00-0010	EA	Actuator - MRM (Less N2 Cylinder And Enclosure)	238.34	29.82
21 24 16 00-0011	EA	Enclosure - MRM, Painted Steel	127.02	15.86
21 24 16 00-0012	EA	Enclosure - MRM, Stainless Steel	154.84	15.86
21 24 16 00-0013	EA	Cabinet, Stainless Steel (Single Cylinder System)	378.20	47.34
21 24 16 00-0014	EA	Actuation Hose - (N2 - 1/4" x 16")	28.54	3.56
21 24 16 00-0015	EA	Cylinder, Nitrogen - 10 CU. In. (Use For 1-10 Agent Cylinders)	127.02	15.86
21 24 16 00-0016	EA	Vent Check	22.83	2.85
21 24 16 00-0017	EA	Detector	17.13	2.14
		Note: Includes bracket, linkage and conduit fittings.		
21 24 16 00-0018	EA	Fusible Link - 280 To 450 Degree F	6.43	0.80
21 24 16 00-0019	EA	Test Link	2.09	
21 24 16 00-0020	EA	Corner Pulley	8.85	1.11
21 24 16 00-0021	EA	Cable, 1/16" - 500 Foot Spool	142.71	17.84
21 24 16 00-0022	EA	Pulley Tee	64.21	8.01
21 24 16 00-0023	EA	Manual Pull Station (Standard)	57.08	7.14
21 24 16 00-0024	EA	Adapter Kit - Manual Pull Station (Recess Standard Pull Station)	26.77	3.33
21 24 16 00-0025	EA	Manual Pull Station (Oversized)	63.65	7.92
21 24 16 00-0026	EA	Conduit Offset	12.70	1.58
21 24 16 00-0027	EA	Seal - 3/8" Pipe Thread (Quick-Seal)	17.50	2.22
21 24 16 00-0028	EA	Seal - 1/2" Pipe Thread (Quick-Seal)	14.27	1.82
21 24 16 00-0029	EA	3/8" Pipe Compression Seal	23.83	3.01
21 24 16 00-0030	EA	1/2" Pipe Compression Seal	23.83	3.01
21 24 16 00-0031	EA	Cap, Nozzle Blow-Off (Standard)	6.79	2.06
21 24 16 00-0032	EA	Cap, Nozzle Blow-Off (High Temperature)	15.88	2.06
21 24 16 00-0033	EA	Nozzle - Fryer, Griddle - 2 Flow Points Each	28.54	3.56
21 24 16 00-0034	EA	Nozzle - Appliance, Plenum - 1 Flow Points Each	28.54	3.56
21 24 16 00-0035	EA	Nozzle - Solid Fuel Charbroiler - 1 To 1-1/2 Flow Points Each	28.54	3.56
21 24 16 00-0036	EA	Nozzle - Upright Charbroiler - 1/2 Flow Points Each	28.54	3.56
21 24 16 00-0037	EA	Nozzle - Duct (Only) - 2 Flow Points Each	28.54	3.56
21 24 16 00-0038	EA	Nozzle - Four Burner Range - 2 Flow Points Each	41.05	5.16
21 24 16 00-0039	EA	Gas Valve - Mechanical - 3/4" Or 1"	227.15	21.02
21 24 16 00-0040	EA	Gas Valve - Mechanical - 1-1/4" Or 1-1/2"	267.59	30.53
21 24 16 00-0041	EA	Gas Valve - Mechanical - 2"	333.26	36.08
21 24 16 00-0042	EA	Manual Reset Relay (Required With Every Electric Gas Valve)	359.64	44.96
21 24 16 00-0043	EA	SPDT Microswitch With 18" Leads	18.93	2.38
21 24 16 00-0044	EA	Kit Gas Valve Actuator For Use With ASCO Mechanical Gas Valve	30.54	3.81
21 24 16 00-0045	EA	Gas Valve Trip Assembly	64.21	8.01
21 24 16 00-0046		**Range Guard Fire Suppression Systems** *(21 24 16)*		
		Note: Range Guard or equal.		
21 24 16 00-0047	EA	1-1/4 Gallon Charged Cylinder With Valve	434.93	61.24
21 24 16 00-0048	EA	2-1/2 Gallon Charged Cylinder With Valve	542.90	76.43
21 24 16 00-0049	EA	4 Gallon Charged Cylinder With Valve	670.24	94.38
21 24 16 00-0050	EA	6 Gallon Charged Cylinder With Valve	796.10	112.05
21 24 16 00-0051	EA	Vent Plug	18.27	2.56
21 24 16 00-0052	EA	Discharge Adapter Kit	23.54	
21 24 16 00-0053	EA	1-1/4 Gallon Wall Bracket	48.41	6.79
21 24 16 00-0054	EA	2-1/2 Gallon Wall Bracket	51.24	7.22
21 24 16 00-0055	EA	4 Gallon Wall Bracket	96.76	13.65
21 24 16 00-0056	EA	6 Gallon Wall Bracket	107.24	15.11
21 24 16 00-0057	EA	Mechanical Control Head, No Microswitch	378.32	53.28
21 24 16 00-0058	EA	Mechanical Control Head, 1 Microswitch	394.70	55.55
21 24 16 00-0059	EA	Mechanical Control Head, 2 Microswitches	452.79	63.72
21 24 16 00-0060	EA	Tandem Control Head	344.06	48.47
21 24 16 00-0061	EA	Electric Control Head, 120 VAC/24VDC	582.37	81.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0062	EA	Mechanical Control Box	259.16	36.50
21 24 16 00-0063	EA	Tandem Control Box	259.16	36.50
21 24 16 00-0064	EA	Mechanical Control Box Adapter	75.97	10.73
21 24 16 00-0065	EA	A+ Control head With 1 Pressure Operated Actuator	228.28	32.12
21 24 16 00-0066	EA	Pressure Operated Actuator	93.84	13.21
21 24 16 00-0067	EA	BMCS-1 Nitrogen Cylinder	151.93	21.39
21 24 16 00-0068	EA	BMCS-1 Actuator Assembly	154.90	21.82
21 24 16 00-0069	EA	BMCS-1 Mounting Bracket	37.98	5.33
21 24 16 00-0070	EA	BMCS-7 Nitrogen Cylinder	438.36	61.68
21 24 16 00-0071	EA	BMCS-7 Mounting Bracket	93.84	13.21
21 24 16 00-0072	EA	BMCS-7 Discharge Adapter Kit	93.84	13.21
21 24 16 00-0073	EA	Check Valve	78.94	15.70
21 24 16 00-0074	EA	Vent Check For Use With BMCS Systems	42.45	5.98
21 24 16 00-0075	EA	Check Valve, (Schrader Flare Fitting) For Pressure Operated Actuator	18.47	2.60
21 24 16 00-0076	EA	Replacement Receiver Gasket For BMCS-Actuator Assembly	4.86	
21 24 16 00-0077	EA	Pneumatic Control Head For Slave Cylinders	96.82	13.65
21 24 16 00-0078	EA	Nozzles; ADP, F, R And GRW	44.38	6.28
21 24 16 00-0079	EA	Nozzles; DM And LPF	49.45	6.93
21 24 16 00-0080	EA	Swivel Adapter	31.28	4.38
21 24 16 00-0081	EA	Corner Pulley	13.41	1.89
21 24 16 00-0082	LF	1/16" Stainless Steel Cable	0.60	0.22
21 24 16 00-0083	EA	Cable Crimp Sleeve	0.72	0.22
21 24 16 00-0084	EA	"S" Hook	0.56	0.14
21 24 16 00-0085	EA	EMT Adapter, 1/2" EMT x 3/8" NPT	46.16	6.50
21 24 16 00-0086	EA	Cable Clamp	4.11	0.58
21 24 16 00-0087	EA	Nico Sleeves - 1/16" Cable	0.57	0.14
21 24 16 00-0088	EA	3/8" Cable Anchor	48.78	6.86
21 24 16 00-0089	EA	1/2" Cable Anchor	48.78	6.86
21 24 16 00-0090	EA	Mechanical Remote Manual Release (Pull Cable)	78.90	11.09
21 24 16 00-0091	EA	Tee Pulley, Use For Mechanical Pull And Gas Valve	84.20	11.83
21 24 16 00-0092	EA	Surface Remote Manual Release, End-of-line	98.64	13.87
21 24 16 00-0093	EA	Surface Remote Manual Release, In line Conservation Kit	30.90	4.38
21 24 16 00-0094	EA	Surface Remote Manual Release, In line And End Of Line	129.51	18.17
21 24 16 00-0095	EA	Recessed Remote Manual Release, End-of-line	98.64	13.87
21 24 16 00-0096	EA	Recessed Remote Manual Release, In Line Kit	117.60	16.57
21 24 16 00-0097	EA	Pulley Tee, Remote In Line Only	21.14	2.99
21 24 16 00-0098	EA	Fusible Link Housing Kit With 1 - Bracket, 2 - 1/2" EMT Connector, 1 - "S" Hook, 8 - Cable Crimp Sleeve	23.46	3.28
21 24 16 00-0099	EA	Fusible Link 165F To 360F	7.69	1.10
21 24 16 00-0100	EA	Fusible Link 500F	12.13	1.10
21 24 16 00-0101	EA	Standard Detector With 1 - 360F link, 2 - "S" Hooks, 2 - Crimp Sleeves	23.46	3.28
21 24 16 00-0102	EA	Standard Detector Kit With 1 - Large Bracket, 2 - "S" Hooks, 2 - Cable Crimp Sleeve	17.31	3.28
21 24 16 00-0103	EA	Quartzoid Link 400 F	126.53	17.81
21 24 16 00-0104	EA	Quartzoid Link 500 F	126.53	17.81
21 24 16 00-0105	EA	SPDT Micro Switch For Use With A Plus Control Box	45.34	6.35
21 24 16 00-0106	EA	DPDT Micro Switch For Use With A Plus Control Box	78.90	11.09
21 24 16 00-0107	EA	SPDT Micro Switch For Use With A Mechanical Control Box	46.90	6.57
21 24 16 00-0108	EA	DPDT Micro Switch For Use With A Mechanical Control Box	81.27	11.46
21 24 16 00-0109	EA	SPDT Micro Switch For Use With PRCB	59.54	8.39
21 24 16 00-0110	EA	DPDT Micro Switch For Use With PRCB	85.89	12.05
21 24 16 00-0111	EA	Pressure Switch, SPDT (Fire Dept. Tie In)	251.58	35.40
21 24 16 00-0112	EA	Circuit Monitor 12 Or 24 VDC	113.14	15.92
21 24 16 00-0113	EA	Circuit Monitor 120 VAC	113.14	15.92
21 24 16 00-0114	EA	Electric Manual Pull Station	82.62	11.61
21 24 16 00-0115	EA	6", 24 VDC Motor Bell	46.15	6.50
21 24 16 00-0116	EA	10", 115 VAC Motor Bell	65.50	9.20
21 24 16 00-0117	EA	Fuse, 1.2 For ECH	5.31	0.73
21 24 16 00-0118	EA	Indicator Lamp 12 Or 24 VDC	23.46	3.28
21 24 16 00-0119	EA	Indicator Lamp 120 VAC	23.46	3.28
21 24 16 00-0120	EA	B-10 Manual Station Dual Action, SPDT	86.35	12.12
21 24 16 00-0121	EA	B-11 Manual Station Dual Action, DPDT	95.28	13.43
21 24 16 00-0122	EA	Break Rods For B10/B11 Manual Pull Station	2.54	0.95
21 24 16 00-0123	EA	Spare Key For B10/B11 Manual Stations	11.90	1.68
21 24 16 00-0124	EA	MT-24-LSM-VAR Multitone Signal With 15/75cd Strobe, 24V Flush Grill	128.03	18.03
21 24 16 00-0125	EA	Suppression Abort Station	135.47	19.05
21 24 16 00-0126	EA	Suppression Abort Station With Surface Mount Back Box	157.80	22.19
21 24 16 00-0127	EA	Surface Mount Back Box	52.10	7.30
21 24 16 00-0128	EA	Single Hazard Control Unit, 120 VAC IP	967.60	135.99
21 24 16 00-0129	EA	Single Hazard Control Unit, 240 VAC IP	967.60	135.99
21 24 16 00-0130	EA	1 Lead Acid Battery; 24 VDC 1.2 A.H.	80.39	11.31
21 24 16 00-0131	EA	Accessory Kit - End-of-line Resistors (10K Ohms, 1/2 W)	3.10	0.51
21 24 16 00-0132	EA	Spare Scorpio Circuit Board	699.62	
21 24 16 00-0133	EA	Extra Scorpio Key	11.90	
21 24 16 00-0134	EA	Extra Scorpio Manual	7.45	
21 24 16 00-0135	EA	Compression Seal Adapter 3/8" Pipe	20.24	2.85
21 24 16 00-0136	EA	Compression Seal Adapter 1/2" Tubing/ 1/4" Pipe	21.98	3.06
21 24 16 00-0137	EA	Compression Seal Adapter 5/8" Tubing/ 3/8" Pipe	26.44	3.73
21 24 16 00-0138	EA	Compression Seal Adapter 3/4" Tubing/ 1/2" Pipe	28.28	3.94
21 24 16 00-0139	EA	Quik Seal Adapter 3/8" NPT Female	21.98	3.06
21 24 16 00-0140	EA	Quik Seal Adapter 1/2" NPT Female	21.98	3.06
21 24 16 00-0141	EA	Quik Seal Adapter 3/4" NPT Female	37.61	5.33
21 24 16 00-0142	EA	Quik Seal Adapter 1" NPT Female	49.86	7.01
21 24 16 00-0143	EA	Quik Patch (Up To 1-1/8" Diameter)	21.98	3.06
21 24 16 00-0144	EA	1-1/4 Gallon Karbaloy Charge	48.91	
21 24 16 00-0145	EA	2-1/2 Gallon Karbaloy Charge	84.11	
21 24 16 00-0146	EA	4 Gallon Karbaloy Charge	127.12	

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21 24 16 00-0147	EA	6 Gallon Karbaloy Charge	186.02	
21 24 16 00-0148	EA	Inlet Flushing Adapter	36.48	5.11
21 24 16 00-0149	EA	1/2" Flushing Adapter (Outlet)	36.48	5.11
21 24 16 00-0150	EA	1/8" Flushing Adapter (Outlet)	36.48	5.11
21 24 16 00-0151	EA	1/4" Flushing Adapter (Outlet)	36.48	5.11
21 24 16 00-0152	EA	3/8" Flushing Adapter (Outlet)	36.48	5.11
21 24 16 00-0153	EA	Recharge Adapter (Old Style Cylinder Valve Assembly Only)	50.61	
21 24 16 00-0154	EA	Instruction Label (In Case Of Fire) - MCB	4.06	
21 24 16 00-0155	EA	Caution Sign (Turn On Fan)	4.86	
21 24 16 00-0156	EA	Inspection Label (Authorized installers only)	3.41	
21 24 16 00-0157	EA	Label, Warning, A+ Control Box	2.45	
21 24 16 00-0158	EA	Wet Chemical System Kits, RG-1.25G Kit; #23315	640.07	90.01
21 24 16 00-0159	EA	Wet Chemical System Kits, RG-2.5G Kit; #23316	747.27	105.04
21 24 16 00-0160	EA	Wet Chemical System Kits, RG-4GS Kit; #23317	930.37	130.81
21 24 16 00-0161	EA	Wet Chemical System Kits, RG-4GT Kit; #23318	930.37	130.81
21 24 16 00-0162	EA	Wet Chemical System Kits, RG-6G Kit; #23319	1,170.02	164.46
21 24 16 00-0163	EA	Wet Chemical System Kits, RG Mechanical Control HD (MCH) Kit; #23320	554.49	77.96
21 24 16 00-0164	EA	Wet Chemical System Kits, RG Mechanical Control Box (MCB) Kit; #23321	521.00	73.21
21 24 16 00-0165	EA	Wet Chemical System Kits, A Plus Control Box Kit; #23322	421.27	59.20
21 24 16 00-0166	EA	Wet Chemical System Kits, Valve Rebuild Kit; #23210	729.40	102.56
21 24 16 00-0167	EA	Wet Chemical System Kits, BMCS-1 Package; #23208	668.35	93.95

21 30 Fire Pumps *(21)*

21 31 Centrifugal Fire Pumps *(21 30)*

21 31 13 Electric-Drive, Centrifugal Fire Pumps *(21 31)*

21 31 13 00-0001 Electric-Drive Fire Pumps *(21 31 13)*

Note: Includes fire pump, motor, motor starter, alarm panel, automatic transfer switch, and controller.

21 31 13 00-0002	EA	20 HP Electric Fire Pump	29,675.97	1,397.19
		For Duplex Pumping System, Add	*28,278.78*	
21 31 13 00-0003	EA	30 HP Electric Fire Pump	34,551.35	1,571.85
		For Duplex Pumping System, Add	*33,095.94*	
21 31 13 00-0004	EA	40 HP Electric Fire Pump	46,965.04	1,746.50
		For Duplex Pumping System, Add	*45,347.92*	
21 31 13 00-0005	EA	50 HP Electric Fire Pump	57,411.46	1,695.53
		For Duplex Pumping System, Add	*55,715.93*	
21 31 13 00-0006	EA	75 HP Electric Fire Pump	64,086.43	1,849.66
		For Duplex Pumping System, Add	*62,236.76*	

21 31 16 Diesel-Drive, Centrifugal Fire Pumps *(21 31)*

21 31 16 00-0001 Diesel-Drive Fire Pumps *(21 31 16)*

Note: Pumps shall be stand alone units meeting NFPA-20 specs. Includes fire pump, motor, motor starter, alarm panel, and controller.

21 31 16 00-0002	EA	30 HP Diesel Driven Fire Pump, NFPA-20 Specific	43,103.26	1,387.25
21 31 16 00-0003	EA	40 HP Diesel Driven Fire Pump, NFPA-20 Specific	48,758.07	1,541.39
21 31 16 00-0004	EA	50 HP Diesel Driven Fire Pump, NFPA-20 Specific	51,234.16	1,695.53
21 31 16 00-0005	EA	75 HP Diesel Driven Fire Pump, NFPA-20 Specific	58,299.94	1,849.66
21 31 16 00-0006	EA	150 HP Diesel Driven Fire Pump, NFPA-20 Specific	61,889.84	2,157.95
21 31 16 00-0007	EA	175 HP Diesel Driven Fire Pump, NFPA-20 Specific	66,636.80	2,774.50
21 31 16 00-0008	EA	200 HP Diesel Driven Fire Pump, NFPA-20 Specific	72,335.00	3,082.78
21 31 16 00-0009	EA	250 HP Diesel Driven Fire Pump, NFPA-20 Specific	82,712.80	3,514.37
21 31 16 00-0010	EA	300 HP Diesel Driven Fire Pump, NFPA-20 Specific	99,053.23	3,791.82
21 31 16 00-0011	EA	350 HP Diesel Driven Fire Pump , NFPA-20 Specific	116,211.06	4,315.89
21 31 16 00-0012	EA	400 HP Diesel Driven Fire Pump , NFPA-20 Specific	137,911.14	4,624.18
21 31 16 00-0013	EA	500 HP Diesel Driven Fire Pump , NFPA-20 Specific	155,286.30	4,932.45

21 31 16 00-0014 Electric Controllers For Fire Pumps *(21 31 16)*

21 31 16 00-0015 Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller *(21 31 16 00-0014)*

21 31 16 00-0016	EA	30 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	16,408.95	138.73
21 31 16 00-0017	EA	40 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	18,578.40	154.14
21 31 16 00-0018	EA	50 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	19,476.34	169.56
21 31 16 00-0019	EA	75 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	22,210.17	184.97
21 31 16 00-0020	EA	150 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	23,461.15	215.79
21 31 16 00-0021	EA	175 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	24,990.02	277.45
21 31 16 00-0022	EA	200 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	27,084.33	308.28
21 31 16 00-0023	EA	250 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	30,976.48	351.44
21 31 16 00-0024	EA	300 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	37,346.17	379.18
21 31 16 00-0025	EA	350 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	43,894.94	431.59
21 31 16 00-0026	EA	400 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	52,389.96	462.41
21 31 16 00-0027	EA	500 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	59,155.05	493.24

21 31 19 Jockey Pumps *(21 31)*

21 31 19 00-0001 Jockey Pumps *(21 31 19)*

Note: Includes pump and controller.

21 31 19 00-0002	EA	Jockey Pump And Controller	3,802.67	308.28

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 Plumbing

22 01 Operation and Maintenance of Plumbing (22)

22 01 40 Operation and Maintenance of Plumbing Fixtures (22 01)

22 01 40 00-0001 Fixture And/Or Trim Replacement (22 01 40)

Note: Includes removal of existing item(s) and installation of new item(s). See CSI section 22 42 00 00-0000 for faucet replacement installation and demolition prices.

22 01 40 00-0002	EA	3/8" To 1/2" Compression Shut-off Valve Replacement With 15" Polybutylene Supply Tube	42.79	
22 01 40 00-0003	EA	Chrome Supply Lines To Sink/Lavatory Replacement, Pair	21.26	
22 01 40 00-0004	EA	Single Bowl Sink/Lavatory Drain Line Replacement	29.18	
22 01 40 00-0005	EA	Double Bowl Sink/Lavatory Drain Line Replacement	45.75	
22 01 40 00-0006	EA	Braided Stainless Steel, Compression x FIP, Supply Lines To Sink/Lavatory Replacement	15.20	
22 01 40 00-0007	EA	Shower Head, Polished Chrome, Replacement	32.76	
22 01 40 00-0008	EA	Shower Arm Replacement	25.51	
22 01 40 00-0009	EA	Shower Head Replacement	25.12	
22 01 40 00-0010	EA	Shower Knob Replacement	24.32	
22 01 40 00-0011	EA	Hand Held Shower Replacement, ADA	56.06	
22 01 40 00-0012	EA	Shower and Tub Control Trim Replacement Note: Excludes balancing valve.	68.06	
22 01 40 00-0013	EA	Sink Basket Strainer Replacement	16.81	
22 01 40 00-0014	EA	Sink Drain Without Stopper, 1-1/2" Replacement	9.63	
22 01 40 00-0015	EA	Sink Drain Without Stopper, 4-1/2" Replacement	10.05	
22 01 40 00-0016	EA	Sink Drain With Stopper, 1-1/2" Replacement	9.63	
22 01 40 00-0017	EA	1" Sink Rubber Stopper Replacement	6.81	
22 01 40 00-0018	EA	Sink Tailpiece Extension 1-1/2" x 8" Replacement	17.61	
22 01 40 00-0019	EA	Sink Trap, Adjustable, 1-1/2" Replacement	27.54	
22 01 40 00-0020	EA	Lavatory Pop-Up Rod Replacement	18.58	
22 01 40 00-0021	EA	Lavatory Pop-up Drain Stopper Replacement	22.34	
22 01 40 00-0022	EA	Faucet Handle Replacement	23.61	
22 01 40 00-0023	EA	Faucet O-Ring Replacement	18.18	
22 01 40 00-0024	EA	1-1/2" Faucet Hole Cover	12.28	
22 01 40 00-0025	EA	Toilet Ballcock Replacement	28.33	
22 01 40 00-0026	EA	Toilet Bowl Ring, Flat Wax, Replacement Note: Excludes removal of toilet.	5.36	
22 01 40 00-0027	EA	Toilet Tank Replacement	117.71	
22 01 40 00-0028	EA	Toilet Bowl, 10" Replacement	141.07	
22 01 40 00-0029	EA	Toilet Bowl, 10", Watersaver, Replacement	154.02	
22 01 40 00-0030	EA	Toilet Bowl, 12", Replacement	166.52	
22 01 40 00-0031	EA	Toilet Bowl, Elongated, 18", Replacement	145.43	
22 01 40 00-0032	EA	Toilet Closet Bolt, 5/16" x 3" With Nuts And Washers Replacement	16.37	
22 01 40 00-0033	EA	Toilet Flapper With Chain Replacement	13.35	
22 01 40 00-0034	EA	Toilet Flush Tank Lever Replacement	13.96	
22 01 40 00-0035	EA	Elongated Toilet Seat With Lid Replacement	82.84	
22 01 40 00-0036	EA	Elongated Toilet Seat Without Lid Replacement	48.47	
22 01 40 00-0037	EA	Handicap Toilet Seat Replacement, Complete With Rails	121.50	
22 01 40 00-0038	EA	Diverter Tub Spout Replacement	35.90	
22 01 40 00-0039	EA	Tub Spout Replacement	26.37	
22 01 40 00-0040	EA	2" Tub Stopper, Replacement	7.75	
22 01 40 00-0041	EA	Tub Waste/Overflow Replacement	55.68	
22 01 40 00-0042	EA	Tub Stem Bonnet Assembly Replacement	26.87	
22 01 40 00-0043	EA	Faucet Bonnet Replacement	30.40	
22 01 40 00-0044	EA	Faucet Diverter Stem Replacement	18.79	
22 01 40 00-0045	EA	Faucet Diverter Stem And Bonnet Replacement	25.32	
22 01 40 00-0046	EA	Faucet Spout Replacement	29.59	
22 01 40 00-0047	EA	Faucet Stem Replacement	21.35	
22 01 40 00-0048	EA	Chrome Plated Plastic Drinking Fountain Bubbler Valve With Flexible Bubbler Guard Replacement	123.57	
22 01 40 00-0049	EA	Chrome Plated Brass Drinking Fountain Bubbler Valve Replacement	153.46	
22 01 40 00-0050	EA	Stainless Steel (Lead Free) Drinking Fountain Pushbutton Bubbler Valve Replacement	96.09	

22 05 Common Work Results for Plumbing (22)

22 05 13 Common Motor Requirements For Plumbing Equipment (22 05)

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

22 05 16 Expansion Fittings And Loops For Plumbing Piping (22 05)

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

22 05 19 Meters And Gages For Plumbing Piping (22 05)

See CSI section 23 05 19 00-0000 for gages.

22 05 19 00-0001 Bronze Disk Type Water Supply Meters (22 05 19)

22 05 19 00-0002	EA	5/8" Diameter, 0-20 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	123.68	41.24
		For >10 To 25, Deduct	*-6.18*	
		For >25, Deduct	*-14.38*	
22 05 19 00-0003	EA	3/4" Diameter, 0-30 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	153.98	49.16
		For >10 To 25, Deduct	*-7.70*	
		For >25, Deduct	*-18.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 19 00-0004	EA	1" Diameter, 0-50 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	201.75	56.30
		For >10 To 25, Deduct	*-10.09*	
		For >25, Deduct	*-24.60*	
22 05 19 00-0005	EA	1-1/2" Diameter, 0-100 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	379.40	84.05
		For >10 To 25, Deduct	*-18.97*	
		For >25, Deduct	*-48.48*	
22 05 19 00-0006	EA	2" Diameter, 0-160 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	511.96	109.43
		For >10 To 25, Deduct	*-25.60*	
		For >25, Deduct	*-65.78*	

22 05 19 00-0007 Flanged Compound Type Water Service Meter *(22 05 19)*

22 05 19 00-0008	EA	2" Diameter, 0-160 GPM Water Service Meter Compound Type, Flanged And Bronze	1,559.95	127.67
		For >10 To 25, Deduct	*-78.00*	
		For >25, Deduct	*-213.14*	
22 05 19 00-0009	EA	3" Diameter, 0-320 GPM Water Service Meter Compound Type, Flanged And Bronze	1,907.02	169.57
		For >10 To 25, Deduct	*-95.35*	
		For >25, Deduct	*-252.10*	
22 05 19 00-0010	EA	4" Diameter, 0-500 GPM Water Service Meter Compound Type, Flanged And Bronze	3,075.83	235.05
		For >10 To 25, Deduct	*-153.79*	
		For >25, Deduct	*-414.28*	
22 05 19 00-0011	EA	6" Diameter, 0-1000 GPM Water Service Meter Compound Type, Flanged And Bronze	4,347.64	347.46
		For >10 To 25, Deduct	*-217.38*	
		For >25, Deduct	*-582.63*	
22 05 19 00-0012	EA	8" Diameter, 0-1600 GPM Water Service Meter Compound Type, Flanged And Bronze	8,667.37	456.23
		For >10 To 25, Deduct	*-433.37*	
		For >25, Deduct	*-1,208.86*	
22 05 19 00-0013	EA	10" Diameter, 0-2500 GPM Water Service Meter Compound Type, Flanged And Bronze	14,581.67	552.94
		For >10 To 25, Deduct	*-729.08*	
		For >25, Deduct	*-2,076.66*	

22 05 19 00-0014 Flanged Turbine Water Service Meter *(22 05 19)*

22 05 19 00-0015 Vertical Turbine Meters *(22 05 19 00-0014)*

22 05 19 00-0016	EA	1-1/2" Diameter, 0-100 GPM Vertical Turbine Meter, Flanged	454.10	100.74
		For >10 To 25, Deduct	*-22.71*	
		For >25, Deduct	*-51.69*	
22 05 19 00-0017	EA	2" Diameter, 0-160 GPM Vertical Turbine Meter, Flanged	621.73	127.67
		For >10 To 25, Deduct	*-31.09*	
		For >25, Deduct	*-72.40*	
22 05 19 00-0018	EA	3" Diameter, 0-350 GPM Vertical Turbine Meter, Flanged	1,072.10	208.85
		For >10 To 25, Deduct	*-53.61*	
		For >25, Deduct	*-126.71*	
22 05 19 00-0019	EA	4" Diameter, 0-650 GPM Vertical Turbine Meter, Flanged	1,553.01	289.21
		For >10 To 25, Deduct	*-77.65*	
		For >25, Deduct	*-185.71*	
22 05 19 00-0020	EA	6" Diameter, 0-1300 GPM Vertical Turbine Meter, Flanged	2,856.41	425.64
		For >10 To 25, Deduct	*-142.82*	
		For >25, Deduct	*-358.94*	

22 05 19 00-0021 Horizontal Turbine Meters *(22 05 19 00-0014)*

22 05 19 00-0022	EA	1-1/2" Diameter, 0-120 GPM Horizontal Turbine Meter, Flanged	647.33	100.74
		For >10 To 25, Deduct	*-32.37*	
		For >25, Deduct	*-80.68*	
22 05 19 00-0023	EA	2" Diameter, 0-160 GPM Horizontal Turbine Meter, Flanged	897.60	127.67
		For >10 To 25, Deduct	*-44.88*	
		For >25, Deduct	*-113.78*	
22 05 19 00-0024	EA	3" Diameter, 0-600 GPM Horizontal Turbine Meter, Flanged	1,182.70	208.85
		For >10 To 25, Deduct	*-59.14*	
		For >25, Deduct	*-143.30*	
22 05 19 00-0025	EA	4" Diameter, 0-1000 GPM Horizontal Turbine Meter, Flanged	1,699.21	289.21
		For >10 To 25, Deduct	*-84.96*	
		For >25, Deduct	*-207.64*	
22 05 19 00-0026	EA	6" Diameter, 0-2000 GPM Horizontal Turbine Meter, Flanged	3,389.08	425.64
		For >10 To 25, Deduct	*-169.45*	
		For >25, Deduct	*-438.84*	
22 05 19 00-0027	EA	8" Diameter, 0-3500 GPM Horizontal Turbine Meter, Flanged	4,536.92	558.64
		For >10 To 25, Deduct	*-226.85*	
		For >25, Deduct	*-589.29*	
22 05 19 00-0028	EA	10" Diameter, 0-5500 GPM Horizontal Turbine Meter, Flanged	6,234.42	677.11
		For >10 To 25, Deduct	*-311.72*	
		For >25, Deduct	*-824.56*	
22 05 19 00-0029	EA	12" Diameter, 0-6600 GPM Horizontal Turbine Meter, Flanged	7,352.56	824.86
		For >10 To 25, Deduct	*-367.63*	
		For >25, Deduct	*-968.57*	

22 05 23 General-Duty Valves For Plumbing Piping *(22 05)*

See CSI section 23 05 23 00-0000 for valves.

22 05 23 00-0001 Mud Valves (Drain Plug Valves) *(22 05 23)*

Note: For settling basins, waterworks, sewage treatment plants where sedimentateous material must be flushed from system.

22 05 23 00-0002	EA	4" Flanged End, Non Rising Stem Mud Valve	721.54	156.43
22 05 23 00-0003	EA	6" Flanged End, Non Rising Stem Mud Valve	857.57	218.99
22 05 23 00-0004	EA	8" Flanged End, Non Rising Stem Mud Valve	1,069.01	244.13
22 05 23 00-0005	EA	10" Flanged End, Non Rising Stem Mud Valve	1,576.88	299.02

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 23 00-0006	EA	12" Flanged End, Non Rising Stem Mud Valve	1,855.35	362.45
22 05 23 00-0007	EA	14" Flanged End, Non Rising Stem Mud Valve	3,379.26	437.97
22 05 23 00-0008	EA	16" Flanged End, Non Rising Stem Mud Valve	3,998.74	481.78
22 05 23 00-0009	EA	18" Flanged End, Non Rising Stem Mud Valve	4,554.97	581.69
22 05 23 00-0010	EA	24" Flanged End, Non Rising Stem Mud Valve	6,385.43	805.36

22 05 29 Hangers And Supports For Plumbing Piping And Equipment *(22 05)*

See CSI section 23 05 29 00-0000 for hangers and supports.

22 05 33 Heat Tracing For Plumbing Piping *(22 05)*

See CSI section 23 83 13 00-0000 for heat tracing cables.

22 05 48 Vibration And Seismic Controls For Plumbing Piping And Equipment *(22 05)*

See CSI section 23 05 48 00-0000 for vibration and seismic control.

22 05 53 Identification For Plumbing Piping And Equipment *(22 05)*

See CSI section 23 05 53 00-0000 for identification.

22 05 76 Facility Drainage Piping Cleanouts *(22 05)*

22 05 76 00-0001 Cast Iron Cleanout With Plug And Cover *(22 05 76)*

Note: For floor installation.

22 05 76 00-0002 Cast Iron Cleanout With Plug And Round Or Square Cover *(22 05 76 00-0001)*

22 05 76 00-0003	EA	2" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	286.55	42.18
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0004	EA	3" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	316.33	52.89
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0005	EA	4" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	393.09	63.91
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0006	EA	5" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	545.59	71.52
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0007	EA	6" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	661.90	77.48
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	

22 05 76 00-0008 Cast Iron Heavy Duty Cleanout With Plug And Round Cover *(22 05 76 00-0001)*

22 05 76 00-0009	EA	2" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	324.35	42.18
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0010	EA	3" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	354.67	52.82
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0011	EA	4" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	431.49	63.91
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0012	EA	5" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	584.03	71.52
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0013	EA	6" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	700.27	77.48
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0014		**Wall Cover For Cleanout** *(22 05 76)* Note: Cover and screw only.		
22 05 76 00-0015		**Round Access Cover, Bronze Polished Top** *(22 05 76 00-0014)* Note: Cover and screw only.		
22 05 76 00-0016	EA	4-1/4" Diameter Wall Cover For Cleanout, Screwed	49.23	13.24
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0017	EA	5-1/2" Diameter Wall Cover For Cleanout, Screwed	54.52	15.86
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0018	EA	7" Diameter Wall Cover For Cleanout, Screwed	67.49	17.84
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0019	EA	9-1/4" Diameter Wall Cover For Cleanout, Screwed	105.04	19.83
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0020	EA	11-1/4" Diameter Wall Cover For Cleanout, Screwed	151.01	21.81
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0021		**Square Wall Access Panel, Bronze Polished Top** *(22 05 76 00-0014)* Note: Cover and screw only.		
22 05 76 00-0022	EA	7" x 7" Bronze Wall Or Floor Access Cover	134.43	13.24
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0023	EA	9" x 9" Bronze Wall Or Floor Access Cover	186.75	13.88
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0024	EA	10" x 10" Bronze Wall Or Floor Access Cover	199.34	14.67
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0025	EA	14" x 14" Bronze Wall Or Floor Access Cover	223.30	16.66
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0026		**Secured Square Wall Access Panel, Bronze Polished Top** *(22 05 76 00-0014)* Note: Cover and screw only.		
22 05 76 00-0027	EA	6" x 6" Bronze Secured Wall Access Panel	134.43	13.24
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0028	EA	8" x 8" Bronze Secured Wall Access Panel	186.75	13.88
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0029	EA	10" x 10" Bronze Secured Wall Access Panel	199.34	14.67
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0030	EA	12" x 12" Bronze Secured Wall Access Panel	223.30	16.66
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0031		**Secure Square Hinged Access Panel, Bronze Polished Top, Scoriated** *(22 05 76 00-0014)* Note: Cover and screw only.		
22 05 76 00-0032	EA	6" x 6" Bronze Secured Hinged Access Panel, Scoriated	130.93	13.24
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0033	EA	8" x 8" Bronze Secured Hinged Access Panel, Scoriated	175.25	13.88
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0034	EA	10" x 10" Bronze Secured Hinged Access Panel, Scoriated	241.84	14.67
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0035	EA	12" x 12" Bronze Secured Hinged Access Panel, Scoriated	291.30	16.66
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0036		**Cast Iron Cleanout Tee** *(22 05 76)*		
22 05 76 00-0037		**Cast Iron Cleanout Tee And Round Access Cover** *(22 05 76 00-0036)* Note: Satin smooth secured cover.		
22 05 76 00-0038	EA	2" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover	210.95	42.18
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*18.99*	
		For Galvanized Cast Iron Parts, Add	*59.20*	
22 05 76 00-0039	EA	3" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover	245.47	52.82
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*20.97*	
		For Galvanized Cast Iron Parts, Add	*59.20*	
22 05 76 00-0040	EA	4" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover	315.69	63.91
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*28.17*	
		For Galvanized Cast Iron Parts, Add	*59.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0041	EA	6" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover	682.27	77.48
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*79.11*	
		For Galvanized Cast Iron Parts, Add	*59.20*	

22 05 76 00-0042 Cast Iron Cleanout Tee And Square Access Cover *(22 05 76 00-0036)*

Note: Satin smooth secured cover.

22 05 76 00-0043	EA	2" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	337.55	42.18
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*37.98*	
		For Galvanized Cast Iron Parts, Add	*59.20*	
22 05 76 00-0044	EA	3" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	372.07	52.82
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*39.96*	
		For Galvanized Cast Iron Parts, Add	*59.20*	
22 05 76 00-0045	EA	4" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	433.89	63.91
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*45.90*	
		For Galvanized Cast Iron Parts, Add	*59.20*	
22 05 76 00-0046	EA	6" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	853.27	77.48
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*104.76*	
		For Galvanized Cast Iron Parts, Add	*59.20*	

22 05 76 00-0047 Cast Iron Cleanout Tee With Brass Plug *(22 05 76 00-0036)*

22 05 76 00-0048	EA	2" Cleanout Tee With Cast Bronze Screw Plug	172.79	34.50
22 05 76 00-0049	EA	3" Cleanout Tee With Cast Bronze Screw Plug	192.33	37.66
22 05 76 00-0050	EA	4" Cleanout Tee With Cast Bronze Screw Plug	255.72	49.56
22 05 76 00-0051	EA	5" Cleanout Tee With Cast Bronze Screw Plug	369.36	58.68
22 05 76 00-0052	EA	6" Cleanout Tee With Cast Bronze Screw Plug	600.77	69.38

22 05 76 00-0053 Removable Cleanout Plug *(22 05 76)*

22 05 76 00-0054 Threaded Bronze Plugs *(22 05 76 00-0053)*

22 05 76 00-0055	EA	1-1/4", 1-1/2" Or 2" Threaded Bronze Plug	30.90	9.91
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0056	EA	2-1/2" Threaded Bronze Plug	35.49	10.78
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0057	EA	3" Threaded Bronze Plug	52.33	11.89
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0058	EA	3-1/2" Threaded Bronze Plug	59.31	13.88
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0059	EA	4" Threaded Bronze Plug	67.28	15.86
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0060	EA	5" Threaded Bronze Plug	88.75	17.84
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0061	EA	6" Threaded Bronze Plug	122.21	19.83
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0062	EA	8" Threaded Bronze Plug	191.11	21.81
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0063	EA	10" Threaded Bronze Plug	265.08	23.78
		For Plug Tapped For Center Screw, Add	*9.50*	

22 05 76 00-0064 Threaded Brass Plugs *(22 05 76 00-0053)*

22 05 76 00-0065	EA	1-1/2" Threaded Brass Plug, Raised Head	23.80	9.91
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0066	EA	2" Threaded Brass Plug, Raised Head	24.49	9.91
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0067	EA	2-1/2" Threaded Brass Plug, Raised Head	26.87	10.78
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0068	EA	3" Threaded Brass Plug, Raised Head	30.74	11.89
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0069	EA	3-1/2" Threaded Brass Plug, Raised Head	36.58	13.88
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0070	EA	4" Threaded Brass Plug, Raised Head	43.68	15.86
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0071	EA	4-1/2" Threaded Brass Plug, Raised Head	47.20	16.71
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0072	EA	5" Threaded Brass Plug, Raised Head	51.17	17.84
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0073	EA	6" Threaded Brass Plug, Raised Head	71.88	19.82
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0074	EA	1-1/2" Threaded Brass Plug, Countersunk Head	23.26	9.91
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0075	EA	2" Threaded Brass Plug, Countersunk Head	24.02	9.91
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0076	EA	2-1/2" Threaded Brass Plug, Countersunk Head	28.37	10.78
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0077	EA	3" Threaded Brass Plug, Countersunk Head	30.96	11.89
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0078	EA	3-1/2" Threaded Brass Plug, Countersunk Head	35.93	13.88
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0079	EA	4" Threaded Brass Plug, Countersunk Head	42.66	15.86
		For Plug Tapped For Center Screw, Add	*9.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0080	EA	5" Threaded Brass Plug, Countersunk Head	50.61	17.84
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0081	EA	6" Threaded Brass Plug, Countersunk Head	62.89	19.83
		For Plug Tapped For Center Screw, Add	*9.50*	

22 07 Plumbing Insulation *(22)*

22 07 16 Plumbing Equipment Insulation *(22 07)*

22 07 16 00-0001 Lavatory Insulation *(22 07 16)*

22 07 16 00-0002	EA	Neoprene Insulation Kit For Under Lavatories	177.62	21.04

22 07 19 Plumbing Piping Insulation *(22 07)*

22 07 19 00-0001 Fiberglass Pipe Insulation *(22 07 19)*

Note: Includes factory applied all service jacket (fire retardant), vapor barrier coatings, lap and butt strips, staples, and adhesive. Excludes fittings (a fitting is defined as a location that requires purchase of a fitting or customization of straight insulation). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0002 1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0003	LF	1/2" Diameter Pipe, 1/2" Thick Fiberglass Insulation	6.63	2.06
		For Calcium Silicate With Canvas Jacket, Add	*0.32*	
22 07 19 00-0004	LF	3/4" Diameter Pipe, 1/2" Thick Fiberglass Insulation	6.74	2.06
		For Calcium Silicate With Canvas Jacket, Add	*0.35*	
22 07 19 00-0005	LF	1" Diameter Pipe, 1/2" Thick Fiberglass Insulation	7.16	2.15
		For Calcium Silicate With Canvas Jacket, Add	*0.38*	
22 07 19 00-0006	LF	1-1/4" Diameter Pipe, 1/2" Thick Fiberglass Insulation	7.40	2.24
		For Calcium Silicate With Canvas Jacket, Add	*0.41*	
22 07 19 00-0007	LF	1-1/2" Diameter Pipe, 1/2" Thick Fiberglass Insulation	7.60	2.24
		For Calcium Silicate With Canvas Jacket, Add	*0.44*	
22 07 19 00-0008	LF	2" Diameter Pipe, 1/2" Thick Fiberglass Insulation	8.03	2.33
		For Calcium Silicate With Canvas Jacket, Add	*0.47*	
22 07 19 00-0009	LF	2-1/2" Diameter Pipe, 1/2" Thick Fiberglass Insulation	8.37	2.43
		For Calcium Silicate With Canvas Jacket, Add	*0.54*	
22 07 19 00-0010	LF	3" Diameter Pipe, 1/2" Thick Fiberglass Insulation	8.81	2.52
		For Calcium Silicate With Canvas Jacket, Add	*0.61*	
22 07 19 00-0011	LF	4" Diameter Pipe, 1/2" Thick Fiberglass Insulation	9.93	2.72
		For Calcium Silicate With Canvas Jacket, Add	*0.77*	
22 07 19 00-0012	LF	6" Diameter Pipe, 1/2" Thick Fiberglass Insulation	11.70	3.18
		For Calcium Silicate With Canvas Jacket, Add	*0.94*	

22 07 19 00-0013 1" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0014	LF	1/2" Diameter Pipe, 1" Thick Fiberglass Insulation	8.95	2.81
		For Calcium Silicate With Canvas Jacket, Add	*0.38*	
22 07 19 00-0015	LF	3/4" Diameter Pipe, 1" Thick Fiberglass Insulation	9.13	2.81
		For Calcium Silicate With Canvas Jacket, Add	*0.43*	
22 07 19 00-0016	LF	1" Diameter Pipe, 1" Thick Fiberglass Insulation	9.27	2.81
		For Calcium Silicate With Canvas Jacket, Add	*0.44*	
22 07 19 00-0017	LF	1-1/4" Diameter Pipe, 1" Thick Fiberglass Insulation	9.57	2.90
		For Calcium Silicate With Canvas Jacket, Add	*0.50*	
22 07 19 00-0018	LF	1-1/2" Diameter Pipe, 1" Thick Fiberglass Insulation	9.81	2.90
		For Calcium Silicate With Canvas Jacket, Add	*0.54*	
22 07 19 00-0019	LF	2" Diameter Pipe, 1" Thick Fiberglass Insulation	10.19	3.00
		For Calcium Silicate With Canvas Jacket, Add	*0.59*	
22 07 19 00-0020	LF	2-1/2" Diameter Pipe, 1" Thick Fiberglass Insulation	10.72	3.18
		For Calcium Silicate With Canvas Jacket, Add	*0.65*	
22 07 19 00-0021	LF	3" Diameter Pipe, 1" Thick Fiberglass Insulation	11.23	3.27
		For Calcium Silicate With Canvas Jacket, Add	*0.73*	
22 07 19 00-0022	LF	4" Diameter Pipe, 1" Thick Fiberglass Insulation	12.60	3.46
		For Calcium Silicate With Canvas Jacket, Add	*0.94*	
22 07 19 00-0023	LF	6" Diameter Pipe, 1" Thick Fiberglass Insulation	14.51	4.02
		For Calcium Silicate With Canvas Jacket, Add	*1.15*	
22 07 19 00-0024	LF	8" Diameter Pipe, 1" Thick Fiberglass Insulation	17.72	4.49
		For Calcium Silicate With Canvas Jacket, Add	*1.64*	
22 07 19 00-0025	LF	10" Diameter Pipe, 1" Thick Fiberglass Insulation	20.85	5.33
		For Calcium Silicate With Canvas Jacket, Add	*1.91*	
22 07 19 00-0026	LF	12" Diameter Pipe, 1" Thick Fiberglass Insulation	23.96	6.08
		For Calcium Silicate With Canvas Jacket, Add	*2.18*	
22 07 19 00-0027	LF	14" Diameter Pipe, 1" Thick Fiberglass Insulation	25.69	6.64
		For Calcium Silicate With Canvas Jacket, Add	*2.52*	

22 07 19 00-0028 1-1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0029	LF	1/2" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	10.56	2.89
		For Calcium Silicate With Canvas Jacket, Add	*0.77*	
22 07 19 00-0030	LF	3/4" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	10.68	2.89
		For Calcium Silicate With Canvas Jacket, Add	*0.80*	
22 07 19 00-0031	LF	1" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	11.28	3.06
		For Calcium Silicate With Canvas Jacket, Add	*0.84*	
22 07 19 00-0032	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	11.65	3.13
		For Calcium Silicate With Canvas Jacket, Add	*0.90*	
22 07 19 00-0033	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	11.98	3.18
		For Calcium Silicate With Canvas Jacket, Add	*0.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0034	LF	2" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	12.75	3.35
		For Calcium Silicate With Canvas Jacket, Add	*1.04*	
22 07 19 00-0035	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	13.26	3.40
		For Calcium Silicate With Canvas Jacket, Add	*1.14*	
22 07 19 00-0036	LF	3" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	13.70	3.53
		For Calcium Silicate With Canvas Jacket, Add	*1.18*	
22 07 19 00-0037	LF	4" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	15.06	3.81
		For Calcium Silicate With Canvas Jacket, Add	*1.35*	
22 07 19 00-0038	LF	6" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	17.47	4.46
		For Calcium Silicate With Canvas Jacket, Add	*1.54*	
22 07 19 00-0039	LF	8" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	19.45	4.70
		For Calcium Silicate With Canvas Jacket, Add	*1.93*	
22 07 19 00-0040	LF	10" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	23.68	5.62
		For Calcium Silicate With Canvas Jacket, Add	*2.43*	
22 07 19 00-0041	LF	12" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	26.97	6.55
		For Calcium Silicate With Canvas Jacket, Add	*2.65*	
22 07 19 00-0042	LF	14" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	30.10	7.17
		For Calcium Silicate With Canvas Jacket, Add	*3.07*	

22 07 19 00-0043 2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0044	LF	1/2" Diameter Pipe, 2" Thick Fiberglass Insulation	12.80	3.18
		For Calcium Silicate With Canvas Jacket, Add	*1.20*	
22 07 19 00-0045	LF	3/4" Diameter Pipe, 2" Thick Fiberglass Insulation	12.94	3.18
		For Calcium Silicate With Canvas Jacket, Add	*1.24*	
22 07 19 00-0046	LF	1" Diameter Pipe, 2" Thick Fiberglass Insulation	13.34	3.27
		For Calcium Silicate With Canvas Jacket, Add	*1.33*	
22 07 19 00-0047	LF	1-1/4" Diameter Pipe, 2" Thick Fiberglass Insulation	13.69	3.27
		For Calcium Silicate With Canvas Jacket, Add	*1.40*	
22 07 19 00-0048	LF	1-1/2" Diameter Pipe, 2" Thick Fiberglass Insulation	14.07	3.37
		For Calcium Silicate With Canvas Jacket, Add	*1.48*	
22 07 19 00-0049	LF	2" Diameter Pipe, 2" Thick Fiberglass Insulation	14.61	3.46
		For Calcium Silicate With Canvas Jacket, Add	*1.54*	
22 07 19 00-0050	LF	2-1/2" Diameter Pipe, 2" Thick Fiberglass Insulation	15.32	3.55
		For Calcium Silicate With Canvas Jacket, Add	*1.66*	
22 07 19 00-0051	LF	3" Diameter Pipe, 2" Thick Fiberglass Insulation	16.08	3.74
		For Calcium Silicate With Canvas Jacket, Add	*1.79*	
22 07 19 00-0052	LF	4" Diameter Pipe, 2" Thick Fiberglass Insulation	17.51	3.93
		For Calcium Silicate With Canvas Jacket, Add	*2.05*	
22 07 19 00-0053	LF	6" Diameter Pipe, 2" Thick Fiberglass Insulation	20.75	4.61
		For Calcium Silicate With Canvas Jacket, Add	*2.38*	
22 07 19 00-0054	LF	8" Diameter Pipe, 2" Thick Fiberglass Insulation	23.33	4.87
		For Calcium Silicate With Canvas Jacket, Add	*2.94*	
22 07 19 00-0055	LF	10" Diameter Pipe, 2" Thick Fiberglass Insulation	27.92	5.82
		For Calcium Silicate With Canvas Jacket, Add	*3.51*	
22 07 19 00-0056	LF	12" Diameter Pipe, 2" Thick Fiberglass Insulation	32.26	6.99
		For Calcium Silicate With Canvas Jacket, Add	*3.86*	
22 07 19 00-0057	LF	14" Diameter Pipe, 2" Thick Fiberglass Insulation	41.61	7.62
		For Calcium Silicate With Canvas Jacket, Add	*4.36*	
22 07 19 00-0058	LF	16" Diameter Pipe, 2" Thick Fiberglass Insulation	43.63	8.93
		For Calcium Silicate With Canvas Jacket, Add	*4.97*	
22 07 19 00-0059	LF	18" Diameter Pipe, 2" Thick Fiberglass Insulation	48.10	9.39
		For Calcium Silicate With Canvas Jacket, Add	*5.90*	
22 07 19 00-0060	LF	20" Diameter Pipe, 2" Thick Fiberglass Insulation	54.57	10.72
		For Calcium Silicate With Canvas Jacket, Add	*6.62*	
22 07 19 00-0061	LF	24" Diameter Pipe, 2" Thick Fiberglass Insulation	63.73	12.96
		For Calcium Silicate With Canvas Jacket, Add	*7.34*	

22 07 19 00-0062 2-1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0063	LF	1/2" Diameter Pipe, 2-1/2" Thick Fiberglass Insulation	15.72	3.74
		For Calcium Silicate With Canvas Jacket, Add	*1.67*	
22 07 19 00-0064	LF	3/4" Diameter Pipe, 2-1/2" Thick Fiberglass Insulation	15.91	3.74
		For Calcium Silicate With Canvas Jacket, Add	*1.73*	
22 07 19 00-0065	LF	1" Diameter Pipe, 2-1/2" Thick Fiberglass Insulation	16.49	3.74
		For Calcium Silicate With Canvas Jacket, Add	*1.85*	
22 07 19 00-0066	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Fiberglass Insulation	16.91	3.83
		For Calcium Silicate With Canvas Jacket, Add	*1.96*	
22 07 19 00-0067	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Fiberglass Insulation	17.34	3.83
		For Calcium Silicate With Canvas Jacket, Add	*2.06*	
22 07 19 00-0068	LF	2" Diameter Pipe, 2-1/2" Thick Fiberglass Insulation	18.06	4.02
		For Calcium Silicate With Canvas Jacket, Add	*2.15*	
22 07 19 00-0069	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Fiberglass Insulation	19.03	4.11
		For Calcium Silicate With Canvas Jacket, Add	*2.33*	
22 07 19 00-0070	LF	3" Diameter Pipe, 2-1/2" Thick Fiberglass Insulation	19.93	4.31
		For Calcium Silicate With Canvas Jacket, Add	*2.48*	
22 07 19 00-0071	LF	4" Diameter Pipe, 2-1/2" Thick Fiberglass Insulation	21.91	4.49
		For Calcium Silicate With Canvas Jacket, Add	*2.88*	
22 07 19 00-0072	LF	6" Diameter Pipe, 2-1/2" Thick Fiberglass Insulation	25.10	4.77
		For Calcium Silicate With Canvas Jacket, Add	*3.34*	
22 07 19 00-0073	LF	8" Diameter Pipe, 2-1/2" Thick Fiberglass Insulation	32.88	5.70
		For Calcium Silicate With Canvas Jacket, Add	*5.19*	
22 07 19 00-0074	LF	10" Diameter Pipe, 2-1/2" Thick Fiberglass Insulation	39.14	6.55
		For Calcium Silicate With Canvas Jacket, Add	*6.35*	
22 07 19 00-0075	LF	12" Diameter Pipe, 2-1/2" Thick Fiberglass Insulation	44.88	8.14
		For Calcium Silicate With Canvas Jacket, Add	*6.76*	
22 07 19 00-0076	LF	14" Diameter Pipe, 2-1/2" Thick Fiberglass Insulation	50.57	8.98
		For Calcium Silicate With Canvas Jacket, Add	*7.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0077	LF	16" Diameter Pipe, 2-1/2" Thick Fiberglass Insulation	60.03	11.42
		For Calcium Silicate With Canvas Jacket, Add	*8.66*	
22 07 19 00-0078	LF	18" Diameter Pipe, 2-1/2" Thick Fiberglass Insulation	64.38	11.97
		For Calcium Silicate With Canvas Jacket, Add	*9.50*	
22 07 19 00-0079	LF	20" Diameter Pipe, 2-1/2" Thick Fiberglass Insulation	73.13	13.66
		For Calcium Silicate With Canvas Jacket, Add	*10.71*	
22 07 19 00-0080	LF	24" Diameter Pipe, 2-1/2" Thick Fiberglass Insulation	86.27	16.50
		For Calcium Silicate With Canvas Jacket, Add	*12.32*	

22 07 19 00-0081 3" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0082	LF	1/2" Diameter Pipe, 3" Thick Fiberglass Insulation	17.34	4.13
		For Calcium Silicate With Canvas Jacket, Add	*1.83*	
22 07 19 00-0083	LF	3/4" Diameter Pipe, 3" Thick Fiberglass Insulation	17.55	4.13
		For Calcium Silicate With Canvas Jacket, Add	*1.90*	
22 07 19 00-0084	LF	1" Diameter Pipe, 3" Thick Fiberglass Insulation	18.13	4.17
		For Calcium Silicate With Canvas Jacket, Add	*2.03*	
22 07 19 00-0085	LF	1-1/4" Diameter Pipe, 3" Thick Fiberglass Insulation	18.58	4.20
		For Calcium Silicate With Canvas Jacket, Add	*2.15*	
22 07 19 00-0086	LF	1-1/2" Diameter Pipe, 3" Thick Fiberglass Insulation	19.11	4.24
		For Calcium Silicate With Canvas Jacket, Add	*2.27*	
22 07 19 00-0087	LF	2" Diameter Pipe, 3" Thick Fiberglass Insulation	19.84	4.41
		For Calcium Silicate With Canvas Jacket, Add	*2.36*	
22 07 19 00-0088	LF	2-1/2" Diameter Pipe, 3" Thick Fiberglass Insulation	20.90	4.56
		For Calcium Silicate With Canvas Jacket, Add	*2.56*	
22 07 19 00-0089	LF	3" Diameter Pipe, 3" Thick Fiberglass Insulation	21.89	4.73
		For Calcium Silicate With Canvas Jacket, Add	*2.72*	
22 07 19 00-0090	LF	4" Diameter Pipe, 3" Thick Fiberglass Insulation	24.10	4.99
		For Calcium Silicate With Canvas Jacket, Add	*3.17*	
22 07 19 00-0091	LF	6" Diameter Pipe, 3" Thick Fiberglass Insulation	27.58	5.66
		For Calcium Silicate With Canvas Jacket, Add	*3.66*	
22 07 19 00-0092	LF	8" Diameter Pipe, 3" Thick Fiberglass Insulation	36.12	6.31
		For Calcium Silicate With Canvas Jacket, Add	*5.69*	
22 07 19 00-0093	LF	10" Diameter Pipe, 3" Thick Fiberglass Insulation	43.01	7.27
		For Calcium Silicate With Canvas Jacket, Add	*6.97*	
22 07 19 00-0094	LF	12" Diameter Pipe, 3" Thick Fiberglass Insulation	49.31	9.04
		For Calcium Silicate With Canvas Jacket, Add	*7.42*	
22 07 19 00-0095	LF	14" Diameter Pipe, 3" Thick Fiberglass Insulation	55.57	9.88
		For Calcium Silicate With Canvas Jacket, Add	*8.62*	
22 07 19 00-0096	LF	16" Diameter Pipe, 3" Thick Fiberglass Insulation	65.95	12.61
		For Calcium Silicate With Canvas Jacket, Add	*9.50*	
22 07 19 00-0097	LF	18" Diameter Pipe, 3" Thick Fiberglass Insulation	70.75	13.26
		For Calcium Silicate With Canvas Jacket, Add	*10.42*	
22 07 19 00-0098	LF	20" Diameter Pipe, 3" Thick Fiberglass Insulation	80.37	15.15
		For Calcium Silicate With Canvas Jacket, Add	*11.76*	
22 07 19 00-0099	LF	24" Diameter Pipe, 3" Thick Fiberglass Insulation	94.78	18.30
		For Calcium Silicate With Canvas Jacket, Add	*13.52*	

22 07 19 00-0100 3-1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0101	LF	1/2" Diameter Pipe, 3-1/2" Thick Fiberglass Insulation	18.73	4.49
		For Calcium Silicate With Canvas Jacket, Add	*1.93*	
22 07 19 00-0102	LF	3/4" Diameter Pipe, 3-1/2" Thick Fiberglass Insulation	18.97	4.49
		For Calcium Silicate With Canvas Jacket, Add	*2.00*	
22 07 19 00-0103	LF	1" Diameter Pipe, 3-1/2" Thick Fiberglass Insulation	19.80	4.49
		For Calcium Silicate With Canvas Jacket, Add	*2.23*	
22 07 19 00-0104	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Fiberglass Insulation	20.28	4.59
		For Calcium Silicate With Canvas Jacket, Add	*2.35*	
22 07 19 00-0105	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Fiberglass Insulation	20.88	4.59
		For Calcium Silicate With Canvas Jacket, Add	*2.48*	
22 07 19 00-0106	LF	2" Diameter Pipe, 3-1/2" Thick Fiberglass Insulation	21.65	4.77
		For Calcium Silicate With Canvas Jacket, Add	*2.58*	
22 07 19 00-0107	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Fiberglass Insulation	22.81	4.96
		For Calcium Silicate With Canvas Jacket, Add	*2.79*	
22 07 19 00-0108	LF	3" Diameter Pipe, 3-1/2" Thick Fiberglass Insulation	23.82	5.14
		For Calcium Silicate With Canvas Jacket, Add	*2.95*	
22 07 19 00-0109	LF	4" Diameter Pipe, 3-1/2" Thick Fiberglass Insulation	26.32	5.42
		For Calcium Silicate With Canvas Jacket, Add	*3.46*	
22 07 19 00-0110	LF	6" Diameter Pipe, 3-1/2" Thick Fiberglass Insulation	30.11	6.18
		For Calcium Silicate With Canvas Jacket, Add	*4.00*	
22 07 19 00-0111	LF	8" Diameter Pipe, 3-1/2" Thick Fiberglass Insulation	39.43	6.83
		For Calcium Silicate With Canvas Jacket, Add	*6.22*	
22 07 19 00-0112	LF	10" Diameter Pipe, 3-1/2" Thick Fiberglass Insulation	46.98	7.86
		For Calcium Silicate With Canvas Jacket, Add	*7.62*	
22 07 19 00-0113	LF	12" Diameter Pipe, 3-1/2" Thick Fiberglass Insulation	53.86	9.82
		For Calcium Silicate With Canvas Jacket, Add	*8.11*	
22 07 19 00-0114	LF	14" Diameter Pipe, 3-1/2" Thick Fiberglass Insulation	60.69	10.75
		For Calcium Silicate With Canvas Jacket, Add	*9.43*	
22 07 19 00-0115	LF	16" Diameter Pipe, 3-1/2" Thick Fiberglass Insulation	72.04	13.66
		For Calcium Silicate With Canvas Jacket, Add	*10.39*	
22 07 19 00-0116	LF	18" Diameter Pipe, 3-1/2" Thick Fiberglass Insulation	77.27	14.40
		For Calcium Silicate With Canvas Jacket, Add	*11.39*	
22 07 19 00-0117	LF	20" Diameter Pipe, 3-1/2" Thick Fiberglass Insulation	87.79	16.47
		For Calcium Silicate With Canvas Jacket, Add	*12.86*	
22 07 19 00-0118	LF	24" Diameter Pipe, 3-1/2" Thick Fiberglass Insulation	103.53	19.83
		For Calcium Silicate With Canvas Jacket, Add	*14.78*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0119		4" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*		
22 07 19 00-0120	LF	1/2" Diameter Pipe, 4" Thick Fiberglass Insulation	21.17	5.05
		For Calcium Silicate With Canvas Jacket, Add	*2.25*	
22 07 19 00-0121	LF	3/4" Diameter Pipe, 4" Thick Fiberglass Insulation	21.44	5.05
		For Calcium Silicate With Canvas Jacket, Add	*2.33*	
22 07 19 00-0122	LF	1" Diameter Pipe, 4" Thick Fiberglass Insulation	22.23	5.05
		For Calcium Silicate With Canvas Jacket, Add	*2.50*	
22 07 19 00-0123	LF	1-1/4" Diameter Pipe, 4" Thick Fiberglass Insulation	22.87	5.14
		For Calcium Silicate With Canvas Jacket, Add	*2.64*	
22 07 19 00-0124	LF	1-1/2" Diameter Pipe, 4" Thick Fiberglass Insulation	23.80	5.33
		For Calcium Silicate With Canvas Jacket, Add	*2.79*	
22 07 19 00-0125	LF	2" Diameter Pipe, 4" Thick Fiberglass Insulation	24.65	5.52
		For Calcium Silicate With Canvas Jacket, Add	*2.91*	
22 07 19 00-0126	LF	2-1/2" Diameter Pipe, 4" Thick Fiberglass Insulation	25.66	5.52
		For Calcium Silicate With Canvas Jacket, Add	*3.14*	
22 07 19 00-0127	LF	3" Diameter Pipe, 4" Thick Fiberglass Insulation	26.89	5.80
		For Calcium Silicate With Canvas Jacket, Add	*3.35*	
22 07 19 00-0128	LF	4" Diameter Pipe, 4" Thick Fiberglass Insulation	29.59	6.08
		For Calcium Silicate With Canvas Jacket, Add	*3.89*	
22 07 19 00-0129	LF	6" Diameter Pipe, 4" Thick Fiberglass Insulation	33.86	6.92
		For Calcium Silicate With Canvas Jacket, Add	*4.50*	
22 07 19 00-0130	LF	8" Diameter Pipe, 4" Thick Fiberglass Insulation	44.37	7.48
		For Calcium Silicate With Canvas Jacket, Add	*7.00*	
22 07 19 00-0131	LF	10" Diameter Pipe, 4" Thick Fiberglass Insulation	52.85	8.88
		For Calcium Silicate With Canvas Jacket, Add	*8.57*	
22 07 19 00-0132	LF	12" Diameter Pipe, 4" Thick Fiberglass Insulation	60.60	11.03
		For Calcium Silicate With Canvas Jacket, Add	*9.13*	
22 07 19 00-0133	LF	14" Diameter Pipe, 4" Thick Fiberglass Insulation	68.30	12.07
		For Calcium Silicate With Canvas Jacket, Add	*10.61*	
22 07 19 00-0134	LF	16" Diameter Pipe, 4" Thick Fiberglass Insulation	81.08	15.43
		For Calcium Silicate With Canvas Jacket, Add	*11.69*	
22 07 19 00-0135	LF	18" Diameter Pipe, 4" Thick Fiberglass Insulation	86.89	16.18
		For Calcium Silicate With Canvas Jacket, Add	*12.82*	
22 07 19 00-0136	LF	20" Diameter Pipe, 4" Thick Fiberglass Insulation	97.65	18.52
		For Calcium Silicate With Canvas Jacket, Add	*14.13*	
22 07 19 00-0137	LF	24" Diameter Pipe, 4" Thick Fiberglass Insulation	116.48	22.36
		For Calcium Silicate With Canvas Jacket, Add	*16.63*	
22 07 19 00-0138		Foamglas Pipe Insulation, Rigid, Closed Cell *(22 07 19)*		
		Note: Includes adhesive. Excludes fittings (a fitting is defined as a location that requires purchase of a fitting or customization of straight insulation). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.		
22 07 19 00-0139		1" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*		
22 07 19 00-0140	LF	1/2" Diameter Pipe, 1" Thick Foamglas Insulation	16.42	4.57
		For Work In Restricted Working Space, Add	*4.15*	
22 07 19 00-0141	LF	3/4" Diameter Pipe, 1" Thick Foamglas Insulation	17.08	4.57
		For Work In Restricted Working Space, Add	*4.15*	
22 07 19 00-0142	LF	1" Diameter Pipe, 1" Thick Foamglas Insulation	17.95	4.63
		For Work In Restricted Working Space, Add	*4.21*	
22 07 19 00-0143	LF	1-1/4" Diameter Pipe, 1" Thick Foamglas Insulation	18.37	4.70
		For Work In Restricted Working Space, Add	*4.27*	
22 07 19 00-0144	LF	1-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	19.02	4.76
		For Work In Restricted Working Space, Add	*4.33*	
22 07 19 00-0145	LF	2" Diameter Pipe, 1" Thick Foamglas Insulation	20.27	4.89
		For Work In Restricted Working Space, Add	*4.45*	
22 07 19 00-0146	LF	2-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	21.82	5.10
		For Work In Restricted Working Space, Add	*4.63*	
22 07 19 00-0147	LF	3" Diameter Pipe, 1" Thick Foamglas Insulation	23.51	5.23
		For Work In Restricted Working Space, Add	*4.75*	
22 07 19 00-0148	LF	4" Diameter Pipe, 1" Thick Foamglas Insulation	27.15	5.62
		For Work In Restricted Working Space, Add	*5.11*	
22 07 19 00-0149	LF	6" Diameter Pipe, 1" Thick Foamglas Insulation	34.51	6.34
		For Work In Restricted Working Space, Add	*5.77*	
22 07 19 00-0150		1-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*		
22 07 19 00-0151	LF	1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	22.69	5.98
		For Work In Restricted Working Space, Add	*5.43*	
22 07 19 00-0152	LF	3/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	23.11	5.98
		For Work In Restricted Working Space, Add	*5.43*	
22 07 19 00-0153	LF	1" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	23.53	5.98
		For Work In Restricted Working Space, Add	*5.43*	
22 07 19 00-0154	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	24.44	6.18
		For Work In Restricted Working Space, Add	*5.61*	
22 07 19 00-0155	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	25.33	6.39
		For Work In Restricted Working Space, Add	*5.80*	
22 07 19 00-0156	LF	2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	27.33	6.61
		For Work In Restricted Working Space, Add	*6.02*	
22 07 19 00-0157	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	30.51	6.87
		For Work In Restricted Working Space, Add	*6.24*	
22 07 19 00-0158	LF	3" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	33.53	7.13
		For Work In Restricted Working Space, Add	*6.48*	
22 07 19 00-0159	LF	4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	37.10	7.41
		For Work In Restricted Working Space, Add	*6.73*	
22 07 19 00-0160	LF	6" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	41.86	7.85
		For Work In Restricted Working Space, Add	*7.13*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0161	LF	8" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	45.54	8.34
		For Work In Restricted Working Space, Add	*7.58*	
22 07 19 00-0162	LF	10" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	55.63	9.80
		For Work In Restricted Working Space, Add	*8.90*	
22 07 19 00-0163	LF	12" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	63.82	11.39
		For Work In Restricted Working Space, Add	*10.34*	
22 07 19 00-0164	LF	14" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	69.07	11.78
		For Work In Restricted Working Space, Add	*10.70*	
22 07 19 00-0165	LF	16" Diameter Pipe, 2" Thick Foamglas Insulation	76.03	13.15
		For Work In Restricted Working Space, Add	*11.96*	
22 07 19 00-0166	LF	18" Diameter Pipe, 2" Thick Foamglas Insulation	86.21	15.55
		For Work In Restricted Working Space, Add	*14.15*	
22 07 19 00-0167	LF	20" Diameter Pipe, 2" Thick Foamglas Insulation	96.30	17.22
		For Work In Restricted Working Space, Add	*15.66*	
22 07 19 00-0168	LF	24" Diameter Pipe, 2" Thick Fiberglass Insulation	120.15	19.08
		For Work In Restricted Working Space, Add	*17.35*	

22 07 19 00-0169 2" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

22 07 19 00-0170	LF	1/2" Diameter Pipe, 2" Thick Foamglas Insulation	21.83	5.23
		For Work In Restricted Working Space, Add	*4.75*	
22 07 19 00-0171	LF	3/4" Diameter Pipe, 2" Thick Foamglas Insulation	22.48	5.23
		For Work In Restricted Working Space, Add	*4.75*	
22 07 19 00-0172	LF	1" Diameter Pipe, 2" Thick Foamglas Insulation	23.31	5.28
		For Work In Restricted Working Space, Add	*4.81*	
22 07 19 00-0173	LF	1-1/4" Diameter Pipe, 2" Thick Foamglas Insulation	24.53	5.36
		For Work In Restricted Working Space, Add	*4.87*	
22 07 19 00-0174	LF	1-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	25.77	5.42
		For Work In Restricted Working Space, Add	*4.93*	
22 07 19 00-0175	LF	2" Diameter Pipe, 2" Thick Foamglas Insulation	28.79	5.62
		For Work In Restricted Working Space, Add	*5.11*	
22 07 19 00-0176	LF	2-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	30.19	5.82
		For Work In Restricted Working Space, Add	*5.29*	
22 07 19 00-0177	LF	3" Diameter Pipe, 2" Thick Foamglas Insulation	32.39	6.02
		For Work In Restricted Working Space, Add	*5.47*	
22 07 19 00-0178	LF	4" Diameter Pipe, 2" Thick Foamglas Insulation	36.46	6.35
		For Work In Restricted Working Space, Add	*5.77*	
22 07 19 00-0179	LF	6" Diameter Pipe, 2" Thick Foamglas Insulation	43.60	7.21
		For Work In Restricted Working Space, Add	*6.56*	
22 07 19 00-0180	LF	8" Diameter Pipe, 2" Thick Foamglas Insulation	48.53	8.05
		For Work In Restricted Working Space, Add	*7.31*	
22 07 19 00-0181	LF	10" Diameter Pipe, 2" Thick Foamglas Insulation	59.06	9.27
		For Work In Restricted Working Space, Add	*8.43*	
22 07 19 00-0182	LF	12" Diameter Pipe, 2" Thick Foamglas Insulation	73.15	11.53
		For Work In Restricted Working Space, Add	*10.47*	
22 07 19 00-0183	LF	14" Diameter Pipe, 2" Thick Foamglas Insulation	78.16	12.58
		For Work In Restricted Working Space, Add	*11.43*	
22 07 19 00-0184	LF	16" Diameter Pipe, 2" Thick Foamglas Insulation	92.43	16.08
		For Work In Restricted Working Space, Add	*14.62*	
22 07 19 00-0185	LF	18" Diameter Pipe, 2" Thick Foamglas Insulation	100.76	16.89
		For Work In Restricted Working Space, Add	*15.35*	
22 07 19 00-0186	LF	20" Diameter Pipe, 2" Thick Foamglas Insulation	111.47	19.29
		For Work In Restricted Working Space, Add	*17.54*	
22 07 19 00-0187	LF	24" Diameter Pipe, 2" Thick Foamglas Insulation	139.81	23.31
		For Work In Restricted Working Space, Add	*21.20*	

22 07 19 00-0188 2-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

22 07 19 00-0189	LF	1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	26.50	5.67
		For Work In Restricted Working Space, Add	*5.15*	
22 07 19 00-0190	LF	3/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	27.60	5.66
		For Work In Restricted Working Space, Add	*5.15*	
22 07 19 00-0191	LF	1" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	28.99	5.75
		For Work In Restricted Working Space, Add	*5.23*	
22 07 19 00-0192	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	30.22	5.80
		For Work In Restricted Working Space, Add	*5.27*	
22 07 19 00-0193	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	31.47	5.84
		For Work In Restricted Working Space, Add	*5.31*	
22 07 19 00-0194	LF	2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	33.74	6.08
		For Work In Restricted Working Space, Add	*5.53*	
22 07 19 00-0195	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	35.90	6.30
		For Work In Restricted Working Space, Add	*5.72*	
22 07 19 00-0196	LF	3" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	38.99	6.51
		For Work In Restricted Working Space, Add	*5.92*	
22 07 19 00-0197	LF	4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	43.69	6.87
		For Work In Restricted Working Space, Add	*6.24*	
22 07 19 00-0198	LF	6" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	52.25	7.81
		For Work In Restricted Working Space, Add	*7.10*	
22 07 19 00-0199	LF	8" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	58.21	8.71
		For Work In Restricted Working Space, Add	*7.91*	
22 07 19 00-0200	LF	10" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	66.42	10.04
		For Work In Restricted Working Space, Add	*9.13*	
22 07 19 00-0201	LF	12" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	82.71	12.48
		For Work In Restricted Working Space, Add	*11.34*	
22 07 19 00-0202	LF	14" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	86.24	13.62
		For Work In Restricted Working Space, Add	*12.38*	
22 07 19 00-0203	LF	16" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	101.67	17.41
		For Work In Restricted Working Space, Add	*15.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0204	LF	18" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	110.56	18.28
		For Work In Restricted Working Space, Add	*16.62*	
22 07 19 00-0205	LF	20" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	127.12	20.89
		For Work In Restricted Working Space, Add	*18.99*	
22 07 19 00-0206	LF	24" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	159.22	25.25
		For Work In Restricted Working Space, Add	*22.95*	

22 07 19 00-0207 3" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

22 07 19 00-0208	LF	1/2" Diameter Pipe, 3" Thick Foamglas Insulation	32.04	6.03
		For Work In Restricted Working Space, Add	*5.48*	
22 07 19 00-0209	LF	3/4" Diameter Pipe, 3" Thick Foamglas Insulation	32.70	6.03
		For Work In Restricted Working Space, Add	*5.48*	
22 07 19 00-0210	LF	1" Diameter Pipe, 3" Thick Foamglas Insulation	33.66	6.13
		For Work In Restricted Working Space, Add	*5.57*	
22 07 19 00-0211	LF	1-1/4" Diameter Pipe, 3" Thick Foamglas Insulation	34.45	6.17
		For Work In Restricted Working Space, Add	*5.61*	
22 07 19 00-0212	LF	1-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	35.28	6.22
		For Work In Restricted Working Space, Add	*5.65*	
22 07 19 00-0213	LF	2" Diameter Pipe, 3" Thick Foamglas Insulation	37.92	6.48
		For Work In Restricted Working Space, Add	*5.89*	
22 07 19 00-0214	LF	2-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	40.45	6.70
		For Work In Restricted Working Space, Add	*6.09*	
22 07 19 00-0215	LF	3" Diameter Pipe, 3" Thick Foamglas Insulation	45.97	6.93
		For Work In Restricted Working Space, Add	*6.30*	
22 07 19 00-0216	LF	4" Diameter Pipe, 3" Thick Foamglas Insulation	52.48	7.30
		For Work In Restricted Working Space, Add	*6.64*	
22 07 19 00-0217	LF	6" Diameter Pipe, 3" Thick Foamglas Insulation	57.46	8.31
		For Work In Restricted Working Space, Add	*7.55*	
22 07 19 00-0218	LF	8" Diameter Pipe, 3" Thick Foamglas Insulation	64.90	9.26
		For Work In Restricted Working Space, Add	*8.42*	
22 07 19 00-0219	LF	10" Diameter Pipe, 3" Thick Foamglas Insulation	77.45	10.68
		For Work In Restricted Working Space, Add	*9.71*	
22 07 19 00-0220	LF	12" Diameter Pipe, 3" Thick Foamglas Insulation	89.93	13.28
		For Work In Restricted Working Space, Add	*12.07*	
22 07 19 00-0221	LF	14" Diameter Pipe, 3" Thick Foamglas Insulation	96.27	14.48
		For Work In Restricted Working Space, Add	*13.17*	
22 07 19 00-0222	LF	16" Diameter Pipe, 3" Thick Foamglas Insulation	114.89	18.52
		For Work In Restricted Working Space, Add	*16.84*	
22 07 19 00-0223	LF	18" Diameter Pipe, 3" Thick Foamglas Insulation	123.01	19.44
		For Work In Restricted Working Space, Add	*17.68*	
22 07 19 00-0224	LF	20" Diameter Pipe, 3" Thick Foamglas Insulation	144.17	22.23
		For Work In Restricted Working Space, Add	*20.21*	
22 07 19 00-0225	LF	24" Diameter Pipe, 3" Thick Foamglas Insulation	176.27	26.86
		For Work In Restricted Working Space, Add	*24.41*	

22 07 19 00-0226 3-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

22 07 19 00-0227	LF	1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	38.58	7.30
		For Work In Restricted Working Space, Add	*6.64*	
22 07 19 00-0228	LF	3/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	39.41	7.30
		For Work In Restricted Working Space, Add	*6.64*	
22 07 19 00-0229	LF	1" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	40.39	7.35
		For Work In Restricted Working Space, Add	*6.69*	
22 07 19 00-0230	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	41.36	7.40
		For Work In Restricted Working Space, Add	*6.73*	
22 07 19 00-0231	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	42.48	7.49
		For Work In Restricted Working Space, Add	*6.81*	
22 07 19 00-0232	LF	2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	46.77	7.76
		For Work In Restricted Working Space, Add	*7.05*	
22 07 19 00-0233	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	51.09	8.03
		For Work In Restricted Working Space, Add	*7.29*	
22 07 19 00-0234	LF	3" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	53.98	8.31
		For Work In Restricted Working Space, Add	*7.55*	
22 07 19 00-0235	LF	4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	57.82	8.78
		For Work In Restricted Working Space, Add	*7.98*	
22 07 19 00-0236	LF	6" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	66.57	9.97
		For Work In Restricted Working Space, Add	*9.06*	
22 07 19 00-0237	LF	8" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	75.71	11.11
		For Work In Restricted Working Space, Add	*10.10*	
22 07 19 00-0238	LF	10" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	90.58	12.82
		For Work In Restricted Working Space, Add	*11.65*	
22 07 19 00-0239	LF	12" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	106.97	15.93
		For Work In Restricted Working Space, Add	*14.48*	
22 07 19 00-0240	LF	14" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	111.54	17.39
		For Work In Restricted Working Space, Add	*15.81*	
22 07 19 00-0241	LF	16" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	133.62	22.23
		For Work In Restricted Working Space, Add	*20.21*	
22 07 19 00-0242	LF	18" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	146.93	23.34
		For Work In Restricted Working Space, Add	*21.21*	
22 07 19 00-0243	LF	20" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	167.28	26.69
		For Work In Restricted Working Space, Add	*24.26*	
22 07 19 00-0244	LF	24" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	205.46	32.23
		For Work In Restricted Working Space, Add	*29.30*	

22 07 19 00-0245 4" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0246	LF	1/2" Diameter Pipe, 4" Thick Foamglas Insulation	46.97	8.98
		For Work In Restricted Working Space, Add	*8.16*	
22 07 19 00-0247	LF	3/4" Diameter Pipe, 4" Thick Foamglas Insulation	48.04	8.98
		For Work In Restricted Working Space, Add	*8.16*	
22 07 19 00-0248	LF	1" Diameter Pipe, 4" Thick Foamglas Insulation	49.59	9.13
		For Work In Restricted Working Space, Add	*8.30*	
22 07 19 00-0249	LF	1-1/4" Diameter Pipe, 4" Thick Foamglas Insulation	50.97	9.24
		For Work In Restricted Working Space, Add	*8.40*	
22 07 19 00-0250	LF	1-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	52.94	9.54
		For Work In Restricted Working Space, Add	*8.66*	
22 07 19 00-0251	LF	2" Diameter Pipe, 4" Thick Foamglas Insulation	57.22	9.82
		For Work In Restricted Working Space, Add	*8.93*	
22 07 19 00-0252	LF	2-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	61.07	9.98
		For Work In Restricted Working Space, Add	*9.07*	
22 07 19 00-0253	LF	3" Diameter Pipe, 4" Thick Foamglas Insulation	64.11	10.35
		For Work In Restricted Working Space, Add	*9.40*	
22 07 19 00-0254	LF	4" Diameter Pipe, 4" Thick Foamglas Insulation	70.05	11.54
		For Work In Restricted Working Space, Add	*10.49*	
22 07 19 00-0255	LF	6" Diameter Pipe, 4" Thick Foamglas Insulation	81.12	12.38
		For Work In Restricted Working Space, Add	*11.26*	
22 07 19 00-0256	LF	8" Diameter Pipe, 4" Thick Foamglas Insulation	91.64	13.43
		For Work In Restricted Working Space, Add	*12.21*	
22 07 19 00-0257	LF	10" Diameter Pipe, 4" Thick Foamglas Insulation	104.90	15.95
		For Work In Restricted Working Space, Add	*14.51*	
22 07 19 00-0258	LF	12" Diameter Pipe, 4" Thick Foamglas Insulation	122.45	19.83
		For Work In Restricted Working Space, Add	*18.02*	
22 07 19 00-0259	LF	14" Diameter Pipe, 4" Thick Foamglas Insulation	133.14	21.65
		For Work In Restricted Working Space, Add	*19.68*	
22 07 19 00-0260	LF	16" Diameter Pipe, 4" Thick Foamglas Insulation	157.86	27.68
		For Work In Restricted Working Space, Add	*25.16*	
22 07 19 00-0261	LF	18" Diameter Pipe, 4" Thick Foamglas Insulation	175.80	29.01
		For Work In Restricted Working Space, Add	*26.37*	
22 07 19 00-0262	LF	20" Diameter Pipe, 4" Thick Foamglas Insulation	196.99	33.19
		For Work In Restricted Working Space, Add	*30.18*	
22 07 19 00-0263	LF	24" Diameter Pipe, 4" Thick Foamglas Insulation	250.04	40.12
		For Work In Restricted Working Space, Add	*36.46*	

22 07 19 00-0264 Polyisocyanurate Pipe Insulation *(22 07 19)*

Note: Dow Trymer insulation with Saran vapor wrap. Excludes fittings (a fitting is defined as a location that requires purchase of a fitting or customization of straight insulation). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0265 1/2" Thick Polyisocyanurate Pipe Insulation *(22 07 19 00-0264)*

22 07 19 00-0266	LF	1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	7.32	2.15
22 07 19 00-0267	LF	3/4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	7.94	2.24
22 07 19 00-0268	LF	1" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	8.35	2.43
22 07 19 00-0269	LF	1-1/4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	8.76	2.52
22 07 19 00-0270	LF	1-1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	8.98	2.52
22 07 19 00-0271	LF	2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	9.39	2.62
22 07 19 00-0272	LF	2-1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	10.01	2.72
22 07 19 00-0273	LF	3" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	10.62	2.90
22 07 19 00-0274	LF	4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	12.56	3.46
22 07 19 00-0275	LF	6" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	14.80	3.93
22 07 19 00-0276	LF	8" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	17.42	4.59
22 07 19 00-0277	LF	10" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	19.46	4.96
22 07 19 00-0278	LF	12" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	23.36	6.08

22 07 19 00-0279 1" Thick Polyisocyanurate Pipe Insulation *(22 07 19 00-0264)*

22 07 19 00-0280	LF	1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	8.25	2.24
22 07 19 00-0281	LF	3/4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	9.06	2.43
22 07 19 00-0282	LF	1" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	9.53	2.52
22 07 19 00-0283	LF	1-1/4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	10.02	2.62
22 07 19 00-0284	LF	1-1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	10.41	2.72
22 07 19 00-0285	LF	2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	10.91	2.72
22 07 19 00-0286	LF	2-1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	11.66	2.90
22 07 19 00-0287	LF	3" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	12.49	3.09
22 07 19 00-0288	LF	4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	14.84	3.65
22 07 19 00-0289	LF	6" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	18.67	4.59
22 07 19 00-0290	LF	8" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	22.45	5.42
22 07 19 00-0291	LF	10" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	25.48	6.08
22 07 19 00-0292	LF	12" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	28.75	6.83

22 07 19 00-0293 1-1/2" Thick Polyisocyanurate Pipe Insulation *(22 07 19 00-0264)*

22 07 19 00-0294	LF	3/4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	9.99	2.52
22 07 19 00-0295	LF	1" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	10.52	2.62
22 07 19 00-0296	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	11.13	2.72
22 07 19 00-0297	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	11.57	2.81
22 07 19 00-0298	LF	2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	12.17	2.90
22 07 19 00-0299	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	13.10	3.09
22 07 19 00-0300	LF	3" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	14.04	3.18
22 07 19 00-0301	LF	4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	16.73	3.93
22 07 19 00-0302	LF	6" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	21.37	4.96
22 07 19 00-0303	LF	8" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	26.07	6.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0304	LF	10" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	29.80	6.83
22 07 19 00-0305	LF	12" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	32.57	7.29
22 07 19 00-0306		2" Thick Polyisocyanurate Pipe Insulation *(22 07 19 00-0264)*		
22 07 19 00-0307	LF	3/4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	12.10	2.62
22 07 19 00-0308	LF	1" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	12.82	2.72
22 07 19 00-0309	LF	1-1/4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	13.50	2.90
22 07 19 00-0310	LF	1-1/2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	14.01	2.90
22 07 19 00-0311	LF	2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	14.53	3.09
22 07 19 00-0312	LF	2-1/2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	15.78	3.27
22 07 19 00-0313	LF	3" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	16.50	3.46
22 07 19 00-0314	LF	4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	19.84	4.20
22 07 19 00-0315	LF	6" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	24.58	5.42
22 07 19 00-0316	LF	8" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	31.77	6.83
22 07 19 00-0317	LF	10" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	34.49	7.86
22 07 19 00-0318	LF	12" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	37.41	8.42
22 07 19 00-0319		Flexible Polyethylene Tubing Closed Cell Foam Insulation *(22 07 19)* Note: UV resistant standard temperature (-90 Degree F To +212 Degree F). No additional linear feet for fittings required.		
22 07 19 00-0320		3/8" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0319)*		
22 07 19 00-0321	LF	1/8" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	5.77	2.80
22 07 19 00-0322	LF	1/4" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	5.78	2.80
22 07 19 00-0323	LF	3/8" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	5.79	2.80
22 07 19 00-0324	LF	1/2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.01	2.90
22 07 19 00-0325	LF	3/4" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.24	3.00
22 07 19 00-0326	LF	1" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.40	3.05
22 07 19 00-0327	LF	1-1/4" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.59	3.10
22 07 19 00-0328	LF	1-1/2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.65	3.10
22 07 19 00-0329	LF	2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.82	3.10
22 07 19 00-0330	LF	2-1/2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.22	3.19
22 07 19 00-0331	LF	3" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.40	3.25
22 07 19 00-0332		1/2" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0319)*		
22 07 19 00-0333	LF	1/8" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.34	3.05
22 07 19 00-0334	LF	1/4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.36	3.05
22 07 19 00-0335	LF	3/8" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.42	3.05
22 07 19 00-0336	LF	1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.51	3.10
22 07 19 00-0337	LF	3/4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.59	3.10
22 07 19 00-0338	LF	1" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.84	3.19
22 07 19 00-0339	LF	1-1/4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.52	3.25
22 07 19 00-0340	LF	1-1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.25	3.29
22 07 19 00-0341	LF	2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.49	3.34
22 07 19 00-0342	LF	2-1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.94	3.44
22 07 19 00-0343	LF	3" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.35	3.49
22 07 19 00-0344	LF	3-1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.73	3.54
22 07 19 00-0345	LF	4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.98	3.58
22 07 19 00-0346		3/4" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0319)*		
22 07 19 00-0347	LF	1/8" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.95	3.29
22 07 19 00-0348	LF	1/4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.98	3.29
22 07 19 00-0349	LF	3/8" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.07	3.34
22 07 19 00-0350	LF	1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.41	3.44
22 07 19 00-0351	LF	3/4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.57	3.49
22 07 19 00-0352	LF	1" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.95	3.58
22 07 19 00-0353	LF	1-1/4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.30	3.64
22 07 19 00-0354	LF	1-1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.45	3.64
22 07 19 00-0355	LF	2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.03	3.68
22 07 19 00-0356	LF	2-1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.88	3.78
22 07 19 00-0357	LF	3" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.98	3.83
22 07 19 00-0358	LF	3-1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.57	3.88
22 07 19 00-0359	LF	4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.85	3.93
22 07 19 00-0360		1" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0319)*		
22 07 19 00-0361	LF	1/4" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.83	3.64
22 07 19 00-0362	LF	3/8" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.98	3.68
22 07 19 00-0363	LF	1/2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.41	3.78
22 07 19 00-0364	LF	3/4" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.57	3.83
22 07 19 00-0365	LF	1" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.17	3.93
22 07 19 00-0366	LF	1-1/4" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.53	4.03
22 07 19 00-0367	LF	1-1/2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.67	4.03
22 07 19 00-0368	LF	2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.20	4.12
22 07 19 00-0369	LF	2-1/2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.65	4.22
22 07 19 00-0370	LF	3" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.01	4.28
22 07 19 00-0371		Flexible Elastomeric Tubing Closed Cell Foam Insulation *(22 07 19)* Note: No additional LF for fittings required.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0372		**3/8" Wall Flexible Elastomeric Tubing Foam Insulation** *(22 07 19 00-0371)*		
22 07 19 00-0373	LF	1/4" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.87	2.80
22 07 19 00-0374	LF	3/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.92	2.80
22 07 19 00-0375	LF	1/2" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.13	2.90
22 07 19 00-0376	LF	5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.21	2.95
22 07 19 00-0377	LF	3/4" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.39	3.00
22 07 19 00-0378	LF	7/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.44	3.00
22 07 19 00-0379	LF	1" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.52	3.05
22 07 19 00-0380	LF	1-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.57	3.05
22 07 19 00-0381	LF	1-1/4" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.74	3.10
22 07 19 00-0382	LF	1-5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.82	3.10
22 07 19 00-0383	LF	2" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.04	3.10
22 07 19 00-0384	LF	2-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.17	3.14
22 07 19 00-0385	LF	2-3/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.36	3.19
22 07 19 00-0386	LF	2-5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.51	3.19
22 07 19 00-0387	LF	2-7/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.61	3.25
22 07 19 00-0388	LF	3-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.75	3.25
22 07 19 00-0389	LF	3-5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.06	3.29
22 07 19 00-0390	LF	4-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.41	3.34
22 07 19 00-0391	LF	4-1/2" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.79	3.36
22 07 19 00-0392		**1/2" Wall Flexible Elastomeric Tubing Foam Insulation** *(22 07 19 00-0371)*		
22 07 19 00-0393	LF	1/4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.49	3.05
22 07 19 00-0394	LF	3/8" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.59	3.05
22 07 19 00-0395	LF	1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.70	3.10
22 07 19 00-0396	LF	3/4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.80	3.10
22 07 19 00-0397	LF	1" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.00	3.19
22 07 19 00-0398	LF	1-1/4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.19	3.25
22 07 19 00-0399	LF	1-1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.46	3.29
22 07 19 00-0400	LF	2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.78	3.34
22 07 19 00-0401	LF	2-1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.28	3.44
22 07 19 00-0402	LF	3" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.52	3.49
22 07 19 00-0403	LF	3-1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.19	3.54
22 07 19 00-0404	LF	4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.44	3.58
22 07 19 00-0405	LF	5" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.38	3.64
22 07 19 00-0406	LF	6" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.02	3.73
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0407	LF	8" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.73	3.83
		For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-0408		**3/4" Wall Flexible Elastomeric Tubing Foam Insulation** *(22 07 19 00-0371)*		
22 07 19 00-0409	LF	1/4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.22	3.29
22 07 19 00-0410	LF	3/8" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.36	3.34
22 07 19 00-0411	LF	1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.70	3.44
22 07 19 00-0412	LF	3/4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.98	3.49
22 07 19 00-0413	LF	1" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.31	3.58
22 07 19 00-0414	LF	1-1/4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.82	3.64
22 07 19 00-0415	LF	1-1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.11	3.68
22 07 19 00-0416	LF	2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.42	3.68
22 07 19 00-0417	LF	2-1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.30	3.78
22 07 19 00-0418	LF	3" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.77	3.83
22 07 19 00-0419	LF	3-1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.44	3.88
22 07 19 00-0420	LF	4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.77	3.93
22 07 19 00-0421	LF	5" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.67	4.68
22 07 19 00-0422	LF	6" Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.74	4.03
22 07 19 00-0423	LF	8" Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.10	4.12
		For Work In Restricted Working Space, Add	*2.48*	
22 07 19 00-0424		**1" Wall Flexible Elastomeric Tubing Foam Insulation** *(22 07 19 00-0371)*		
22 07 19 00-0425	LF	3/8" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.87	3.68
		For Work In Restricted Working Space, Add	*2.21*	
22 07 19 00-0426	LF	1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.15	3.78
22 07 19 00-0427	LF	3/4" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.60	3.83
22 07 19 00-0428	LF	1" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.12	3.93
22 07 19 00-0429	LF	1-1/4" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.61	4.03
22 07 19 00-0430	LF	1-1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.11	4.03
22 07 19 00-0431	LF	2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.21	4.12
22 07 19 00-0432	LF	2-1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.61	4.22
22 07 19 00-0433	LF	3" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.28	4.28
		For Work In Restricted Working Space, Add	*2.57*	
22 07 19 00-0434	LF	3-1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.56	4.33
		For Work In Restricted Working Space, Add	*2.59*	
22 07 19 00-0435	LF	4" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.37	4.43
		For Work In Restricted Working Space, Add	*2.65*	
22 07 19 00-0436	LF	5" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.84	4.52
		For Work In Restricted Working Space, Add	*2.71*	
22 07 19 00-0437	LF	6" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.35	4.62
		For Work In Restricted Working Space, Add	*2.77*	
22 07 19 00-0438		**Flexible Polyolefin Tubing Closed Cell Foam Insulation** *(22 07 19)*		
		Note: UV stabilized, work temperature (-110 degree F to +210 degree F) 0 water vapor transmission. No		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		additional LF for fittings required.		
22 07 19 00-0439		3/8" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0438)*		
22 07 19 00-0440	LF	1/8" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	5.89	2.80
22 07 19 00-0441	LF	1/4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	5.91	2.80
22 07 19 00-0442	LF	3/8" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	5.96	2.80
22 07 19 00-0443	LF	1/2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.18	2.90
22 07 19 00-0444	LF	3/4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.43	3.00
22 07 19 00-0445	LF	1" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.58	3.05
22 07 19 00-0446	LF	1-1/4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.83	3.10
22 07 19 00-0447	LF	1-1/2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.99	3.10
22 07 19 00-0448	LF	2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.12	3.19
22 07 19 00-0449	LF	2-1/2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.70	3.19
22 07 19 00-0450	LF	3" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.18	3.25
22 07 19 00-0451	LF	4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.40	3.34
22 07 19 00-0452		1/2" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0438)*		
22 07 19 00-0453	LF	1/8" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.54	3.05
22 07 19 00-0454	LF	1/4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.56	3.05
22 07 19 00-0455	LF	3/8" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.63	3.05
22 07 19 00-0456	LF	1/2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.74	3.10
22 07 19 00-0457	LF	3/4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.88	3.10
22 07 19 00-0458	LF	1" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.09	3.19
22 07 19 00-0459	LF	1-1/4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.35	3.25
22 07 19 00-0460	LF	1-1/2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.64	3.29
22 07 19 00-0461	LF	2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.91	3.34
22 07 19 00-0462	LF	2-1/2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.53	3.44
22 07 19 00-0463	LF	3" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.05	3.49
22 07 19 00-0464	LF	4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.03	3.58
22 07 19 00-0465		3/4" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0438)*		
22 07 19 00-0466	LF	1/8" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.26	3.29
22 07 19 00-0467	LF	1/4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.30	3.29
22 07 19 00-0468	LF	3/8" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.50	3.34
22 07 19 00-0469	LF	1/2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.79	3.44
22 07 19 00-0470	LF	3/4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.15	3.49
22 07 19 00-0471	LF	1" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.52	3.58
22 07 19 00-0472	LF	1-1/4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.10	3.64
22 07 19 00-0473	LF	1-1/2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.46	3.64
22 07 19 00-0474	LF	2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.88	3.68
22 07 19 00-0475	LF	2-1/2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.71	3.78
22 07 19 00-0476	LF	3" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.46	3.83
22 07 19 00-0477	LF	4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.87	3.93
22 07 19 00-0478		1" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0438)*		
22 07 19 00-0479	LF	1/8" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.48	3.64
22 07 19 00-0480	LF	1/4" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.51	3.64
22 07 19 00-0481	LF	3/8" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.64	3.68
22 07 19 00-0482	LF	1/2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.91	3.78
22 07 19 00-0483	LF	3/4" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.43	3.83
22 07 19 00-0484	LF	1" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.90	3.93
22 07 19 00-0485	LF	1-1/4" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.38	4.03
22 07 19 00-0486	LF	1-1/2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.80	4.03
22 07 19 00-0487	LF	2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.72	4.12
22 07 19 00-0488	LF	2-1/2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.99	4.22
22 07 19 00-0489	LF	3" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.87	4.28
22 07 19 00-0490		Flexible Elastomeric Unicellular Insulation *(22 07 19)*		
		Note: 1/2" thick, for refrigeration piping.		
22 07 19 00-0491	LF	1/2" Pipe, (5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	6.62	3.10
		For Work In Restricted Working Space, Add	*1.86*	
		For 3/8" Thick Covering, Deduct	*-0.54*	
		For 3/4" Thick Covering, Add	*0.94*	
		For 1" Thick Covering, Add	*1.81*	
22 07 19 00-0492	LF	3/4" Pipe, (7/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	6.73	3.10
		For Work In Restricted Working Space, Add	*1.87*	
		For 3/8" Thick Covering, Deduct	*-0.56*	
		For 3/4" Thick Covering, Add	*0.99*	
		For 1" Thick Covering, Add	*1.91*	
22 07 19 00-0493	LF	1" Pipe, (1-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	6.92	3.19
		For Work In Restricted Working Space, Add	*1.92*	
		For 3/8" Thick Covering, Deduct	*-0.58*	
		For 3/4" Thick Covering, Add	*1.04*	
		For 1" Thick Covering, Add	*1.99*	
22 07 19 00-0494	LF	1-1/4" Pipe, (1-3/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	7.14	3.25
		For Work In Restricted Working Space, Add	*1.94*	
		For 3/8" Thick Covering, Deduct	*-0.62*	
		For 3/4" Thick Covering, Add	*1.14*	
		For 1" Thick Covering, Add	*2.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0495	LF	1-1/2" Pipe, (1-5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	7.38	3.29
		For Work In Restricted Working Space, Add	*1.98*	
		For 3/8" Thick Covering, Deduct	*-0.66*	
		For 3/4" Thick Covering, Add	*1.25*	
		For 1" Thick Covering, Add	*2.38*	
22 07 19 00-0496	LF	2" Pipe, (2-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	7.61	3.34
		For Work In Restricted Working Space, Add	*2.00*	
		For 3/8" Thick Covering, Deduct	*-0.70*	
		For 3/4" Thick Covering, Add	*1.37*	
		For 1" Thick Covering, Add	*2.59*	
22 07 19 00-0497	LF	2-1/2" Pipe, (2-5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	8.14	3.44
		For Work In Restricted Working Space, Add	*2.06*	
		For 3/8" Thick Covering, Deduct	*-0.80*	
		For 3/4" Thick Covering, Add	*1.63*	
		For 1" Thick Covering, Add	*3.08*	
22 07 19 00-0498	LF	3" Pipe, (3-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	8.55	3.49
		For Work In Restricted Working Space, Add	*2.09*	
		For 3/8" Thick Covering, Deduct	*-0.88*	
		For 3/4" Thick Covering, Add	*1.88*	
		For 1" Thick Covering, Add	*3.52*	
22 07 19 00-0499	LF	3-1/2" Pipe, (3-5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	8.94	3.54
		For Work In Restricted Working Space, Add	*2.12*	
		For 3/8" Thick Covering, Deduct	*-0.96*	
		For 3/4" Thick Covering, Add	*2.11*	
		For 1" Thick Covering, Add	*3.94*	
22 07 19 00-0500	LF	4" Pipe, (4-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	9.34	3.58
		For Work In Restricted Working Space, Add	*2.15*	
		For 3/8" Thick Covering, Deduct	*-1.04*	
		For 3/4" Thick Covering, Add	*2.34*	
		For 1" Thick Covering, Add	*4.36*	
22 07 19 00-0501		**Insulation Foam Rubber** *(22 07 19)*		
22 07 19 00-0502		**Covering 4x6 Sheet** *(22 07 19 00-0501)*		
22 07 19 00-0503	SF	1" Thick Foam Rubber Sheet Insulation	16.69	6.64
22 07 19 00-0504		**Insulation Protective Jacketing** *(22 07 19)*		
		Note: Jacketing only and must be added to insulation prices.		
22 07 19 00-0505		**Metal Insulation Protective Jacketing With Bands** *(22 07 19 00-0504)*		
22 07 19 00-0506	SF	0.006" Aluminum Insulation Jacket With Bands Fire Retardant	13.85	5.99
22 07 19 00-0507	SF	0.016" Aluminum Insulation Jacket With Bands Fire Retardant	14.17	5.99
22 07 19 00-0508	SF	0.010" Stainless Steel Insulation Jacket With Bands Fire Retardant	17.41	7.01
22 07 19 00-0509		**PVC Insulation Protective Jacketing** *(22 07 19 00-0504)*		
22 07 19 00-0510		**20 Mil PVC Insulation Protective Jacketing** *(22 07 19 00-0509)*		
22 07 19 00-0511	LF	1-1/2" ID, .02" PVC Insulation Jacketing	5.77	1.40
22 07 19 00-0512	LF	2" ID, .02" PVC Insulation Jacketing	6.12	1.45
22 07 19 00-0513	LF	2-1/2" ID, .02" PVC Insulation Jacketing	6.37	1.50
22 07 19 00-0514	LF	3" ID, .02" PVC Insulation Jacketing	6.72	1.59
22 07 19 00-0515	LF	3-1/2" ID, .02" PVC Insulation Jacketing	7.07	1.64
22 07 19 00-0516	LF	4" ID, .02" PVC Insulation Jacketing	7.41	1.68
22 07 19 00-0517	LF	4-1/2" ID, .02" PVC Insulation Jacketing	7.76	1.78
22 07 19 00-0518	LF	5" ID, .02" PVC Insulation Jacketing	8.20	1.87
22 07 19 00-0519	LF	5-1/2" ID, .02" PVC Insulation Jacketing	8.65	1.96
22 07 19 00-0520	LF	6" ID, .02" PVC Insulation Jacketing	9.18	2.06
22 07 19 00-0521	LF	6-1/2" ID, .02" PVC Insulation Jacketing	9.43	2.15
22 07 19 00-0522	LF	7" ID, .02" PVC Insulation Jacketing	9.78	2.20
22 07 19 00-0523	LF	7-1/2" ID, .02" PVC Insulation Jacketing	10.21	2.29
22 07 19 00-0524	LF	8" ID, .02" PVC Insulation Jacketing	10.38	2.31
22 07 19 00-0525	LF	8-1/2" ID, .02" PVC Insulation Jacketing	10.64	2.36
22 07 19 00-0526	LF	9" ID, .02" PVC Insulation Jacketing	10.89	2.40
22 07 19 00-0527	LF	10" ID, .02" PVC Insulation Jacketing	11.41	2.33
22 07 19 00-0528	LF	11" ID, .02" PVC Insulation Jacketing	12.01	2.62
22 07 19 00-0529	LF	12" ID, .02" PVC Insulation Jacketing	12.61	2.74
22 07 19 00-0530		**30 Mil PVC Insulation Protective Jacketing** *(22 07 19 00-0509)*		
22 07 19 00-0531	LF	2" ID, .03" PVC Insulation Jacketing	6.27	1.45
22 07 19 00-0532	LF	2-1/2" ID, .03" PVC Insulation Jacketing	6.56	1.50
22 07 19 00-0533	LF	3" ID, .03" PVC Insulation Jacketing	6.96	1.57
22 07 19 00-0534	LF	3-1/2" ID, .03" PVC Insulation Jacketing	7.33	1.64
22 07 19 00-0535	LF	4" ID, .03" PVC Insulation Jacketing	7.71	1.71
22 07 19 00-0536	LF	4-1/2" ID, .03" PVC Insulation Jacketing	8.09	1.78
22 07 19 00-0537	LF	5" ID, .03" PVC Insulation Jacketing	8.56	1.87
22 07 19 00-0538	LF	5-1/2" ID, .03" PVC Insulation Jacketing	9.04	1.96
22 07 19 00-0539	LF	6" ID, .03" PVC Insulation Jacketing	9.61	2.10
22 07 19 00-0540	LF	6-1/2" ID, .03" PVC Insulation Jacketing	9.89	2.13
22 07 19 00-0541	LF	7" ID, .03" PVC Insulation Jacketing	10.27	2.20
22 07 19 00-0542	LF	7-1/2" ID, .03" PVC Insulation Jacketing	10.74	2.29
22 07 19 00-0543	LF	8" ID, .03" PVC Insulation Jacketing	10.95	2.31
22 07 19 00-0544	LF	8-1/2" ID, .03" PVC Insulation Jacketing	11.24	2.36
22 07 19 00-0545	LF	9" ID, .03" PVC Insulation Jacketing	11.53	2.40
22 07 19 00-0546	LF	10" ID, .03" PVC Insulation Jacketing	12.10	2.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0547	LF	11" ID, .03" PVC Insulation Jacketing	12.77	2.62
22 07 19 00-0548	LF	12" ID, .03" PVC Insulation Jacketing	13.43	2.74

22 07 19 00-0549 PVC Insulation Protective Jacketing For Fittings *(22 07 19 00-0509)*

22 07 19 00-0550	EA	1-1/2" PVC Elbow Insulation Jacketing	11.61	2.81
22 07 19 00-0551	EA	2" PVC Elbow Insulation Jacketing	12.08	2.88
22 07 19 00-0552	EA	2-1/2" PVC Elbow Insulation Jacketing	12.58	2.97
22 07 19 00-0553	EA	3" PVC Elbow Insulation Jacketing	13.23	3.11
22 07 19 00-0554	EA	3-1/2" PVC Elbow Insulation Jacketing	14.12	3.04
22 07 19 00-0555	EA	4" PVC Elbow Insulation Jacketing	14.84	3.39
22 07 19 00-0556	EA	4-1/2" PVC Elbow Insulation Jacketing	15.76	3.55
22 07 19 00-0557	EA	5" PVC Elbow Insulation Jacketing	16.77	3.74
22 07 19 00-0558	EA	5-1/2" PVC Elbow Insulation Jacketing	18.11	3.93
22 07 19 00-0559	EA	6" PVC Elbow Insulation Jacketing	20.71	4.16
22 07 19 00-0560	EA	6-1/2" PVC Elbow Insulation Jacketing	21.18	4.31
22 07 19 00-0561	EA	7" PVC Elbow Insulation Jacketing	22.95	4.40
22 07 19 00-0562	EA	7-1/2" PVC Elbow Insulation Jacketing	23.61	4.52
22 07 19 00-0563	EA	8" PVC Elbow Insulation Jacketing	24.87	4.61
22 07 19 00-0564	EA	8-1/2" PVC Elbow Insulation Jacketing	25.98	4.68
22 07 19 00-0565	EA	9" PVC Elbow Insulation Jacketing	29.15	4.87
22 07 19 00-0566	EA	10" PVC Elbow Insulation Jacketing	31.03	5.05
22 07 19 00-0567	EA	11" PVC Elbow Insulation Jacketing	33.40	5.26
22 07 19 00-0568	EA	12" PVC Elbow Insulation Jacketing	37.94	5.49
22 07 19 00-0569	EA	1-1/2" PVC Tee Or Wye Insulation Jacketing	16.51	3.90
22 07 19 00-0570	EA	2" PVC Tee Or Wye Insulation Jacketing	17.10	4.02
22 07 19 00-0571	EA	2-1/2" PVC Tee Or Wye Insulation Jacketing	18.23	4.25
22 07 19 00-0572	EA	3" PVC Tee Or Wye Insulation Jacketing	19.67	4.56
22 07 19 00-0573	EA	3-1/2" PVC Tee Or Wye Insulation Jacketing	21.83	4.94
22 07 19 00-0574	EA	4" PVC Tee Or Wye Insulation Jacketing	22.69	5.12
22 07 19 00-0575	EA	4-1/2" PVC Tee Or Wye Insulation Jacketing	24.17	5.35
22 07 19 00-0576	EA	5" PVC Tee Or Wye Insulation Jacketing	25.65	5.59
22 07 19 00-0577	EA	5-1/2" PVC Tee Or Wye Insulation Jacketing	28.14	5.94
22 07 19 00-0578	EA	6" PVC Tee Or Wye Insulation Jacketing	30.73	6.25
22 07 19 00-0579	EA	6-1/2" PVC Tee Or Wye Insulation Jacketing	32.44	6.34
22 07 19 00-0580	EA	7" PVC Tee Or Wye Insulation Jacketing	37.81	6.57
22 07 19 00-0581	EA	7-1/2" PVC Tee Or Wye Insulation Jacketing	40.28	6.92
22 07 19 00-0582	EA	8" PVC Tee Or Wye Insulation Jacketing	42.26	7.06
22 07 19 00-0583	EA	8-1/2" PVC Tee Or Wye Insulation Jacketing	44.18	7.20
22 07 19 00-0584	EA	9" PVC Tee Or Wye Insulation Jacketing	46.29	7.39
22 07 19 00-0585	EA	10" PVC Tee Or Wye Insulation Jacketing	49.48	7.79
22 07 19 00-0586	EA	11" PVC Tee Or Wye Insulation Jacketing	52.15	7.95
22 07 19 00-0587	EA	12" PVC Tee Or Wye Insulation Jacketing	54.90	8.14

22 10 Plumbing Piping *(22)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

22 11 Facility Water Distribution *(22 10)*

22 11 16 Domestic Water Piping *(22 11)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks. See CSI section 23 21 13 00-0000 for black steel piping and fitting.

22 11 16 00-0001 Galvanized Steel Pipe Assemblies *(22 11 16)*

Note: (ASTM A-53) Threaded and coupled. Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

22 11 16 00-0002	LF	1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	12.18	2.92
		For ASTM 120, Deduct	*-0.37*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*3.18*	
		For Work In Restricted Working Space, Add	*2.91*	
22 11 16 00-0003	LF	3/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	13.12	3.14
		For ASTM 120, Deduct	*-0.43*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*3.49*	
		For Work In Restricted Working Space, Add	*3.08*	
22 11 16 00-0004	LF	1" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	14.03	3.44
		For ASTM 120, Deduct	*-0.46*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*3.73*	
		For Work In Restricted Working Space, Add	*3.29*	
22 11 16 00-0005	LF	1-1/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	15.58	3.58
		For ASTM 120, Deduct	*-0.59*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*4.30*	
		For Work In Restricted Working Space, Add	*3.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0006	LF	1-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	16.45	4.23
		For ASTM 120, Deduct	*-0.65*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*4.59*	
		For Work In Restricted Working Space, Add	*3.64*	
22 11 16 00-0007	LF	2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	19.36	5.11
		For ASTM 120, Deduct	*-0.83*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*5.54*	
		For Work In Restricted Working Space, Add	*4.14*	
22 11 16 00-0008	LF	2-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	25.26	6.05
		For ASTM 120, Deduct	*-1.36*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*7.78*	
		For Work In Restricted Working Space, Add	*4.85*	
22 11 16 00-0009	LF	3" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	31.45	8.10
		For ASTM 120, Deduct	*-1.78*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*9.84*	
		For Work In Restricted Working Space, Add	*5.88*	
22 11 16 00-0010	LF	4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	39.08	9.47
		For ASTM 120, Deduct	*-2.54*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*12.90*	
		For Work In Restricted Working Space, Add	*6.64*	
22 11 16 00-0011	LF	5" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	49.68	12.10
		For ASTM 120, Deduct	*-3.44*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*16.82*	
		For Work In Restricted Working Space, Add	*8.02*	
22 11 16 00-0012	LF	6" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	60.64	14.31
		For ASTM 120, Deduct	*-4.54*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*21.21*	
		For Work In Restricted Working Space, Add	*9.11*	

22 11 16 00-0013 Galvanized Steel Pipe And Threaded Fittings *(22 11 16)*

Note: (ASTM A-53) Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.

22 11 16 00-0014 Threaded And Coupled, Galvanized Steel Piping *(22 11 16 00-0013)*

Note: ASTM A-53. Includes coupling.

22 11 16 00-0015	LF	1/2" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	6.05	2.92
		For ASTM 120, Deduct	*-0.24*	
		For Schedule 80 Pipe, Add	*1.22*	
		For Work In Restricted Working Space, Add	*1.33*	
22 11 16 00-0016	LF	3/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	6.69	3.14
		For ASTM 120, Deduct	*-0.30*	
		For Schedule 80 Pipe, Add	*1.43*	
		For Work In Restricted Working Space, Add	*1.41*	
22 11 16 00-0017	LF	1" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	7.26	3.44
		For ASTM 120, Deduct	*-0.32*	
		For Schedule 80 Pipe, Add	*1.54*	
		For Work In Restricted Working Space, Add	*1.53*	
22 11 16 00-0018	LF	1-1/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	8.38	3.58
		For ASTM 120, Deduct	*-0.45*	
		For Schedule 80 Pipe, Add	*1.97*	
		For Work In Restricted Working Space, Add	*1.62*	
22 11 16 00-0019	LF	1-1/2" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	9.81	4.23
		For ASTM 120, Deduct	*-0.52*	
		For Schedule 80 Pipe, Add	*2.30*	
		For Work In Restricted Working Space, Add	*1.91*	
22 11 16 00-0020	LF	2" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	12.33	5.11
		For ASTM 120, Deduct	*-0.70*	
		For Schedule 80 Pipe, Add	*3.00*	
		For Work In Restricted Working Space, Add	*2.31*	
22 11 16 00-0021	LF	2-1/2" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	16.51	6.05
		For ASTM 120, Deduct	*-1.11*	
		For Schedule 80 Pipe, Add	*4.46*	
		For Work In Restricted Working Space, Add	*2.74*	
22 11 16 00-0022	LF	3" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	21.82	8.10
		For ASTM 120, Deduct	*-1.45*	
		For Schedule 80 Pipe, Add	*5.85*	
		For Work In Restricted Working Space, Add	*3.65*	
22 11 16 00-0023	LF	4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	27.96	9.47
		For ASTM 120, Deduct	*-2.06*	
		For Schedule 80 Pipe, Add	*8.01*	
		For Work In Restricted Working Space, Add	*4.27*	
22 11 16 00-0024	LF	5" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	36.72	12.10
		For ASTM 120, Deduct	*-2.79*	
		For Schedule 80 Pipe, Add	*10.74*	
		For Work In Restricted Working Space, Add	*5.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0025	LF	6" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	45.57	14.31
		For ASTM 120, Deduct	*-3.62*	
		For Schedule 80 Pipe, Add	*13.73*	
		For Work In Restricted Working Space, Add	*6.43*	

22 11 16 00-0026 Galvanized Malleable Iron 90 Degree Elbows *(22 11 16 00-0013)*

22 11 16 00-0027	EA	1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	21.48	13.00
		For ASTM 120, Deduct	*-0.30*	
		For 225 LB Rating, Add	*4.14*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*8.04*	
22 11 16 00-0028	EA	3/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	24.19	14.53
		For ASTM 120, Deduct	*-0.36*	
		For 225 LB Rating, Add	*4.92*	
		For Work In Restricted Working Space, Add	*6.54*	
		For 300 LB Rating, Add	*9.47*	
22 11 16 00-0029	EA	1", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	28.93	16.21
		For ASTM 120, Deduct	*-0.69*	
		For 225 LB Rating, Add	*9.43*	
		For Work In Restricted Working Space, Add	*7.30*	
		For 300 LB Rating, Add	*17.10*	
22 11 16 00-0030	EA	1-1/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	34.73	18.40
		For ASTM 120, Deduct	*-1.08*	
		For 225 LB Rating, Add	*14.74*	
		For Work In Restricted Working Space, Add	*8.26*	
		For 300 LB Rating, Add	*26.10*	
22 11 16 00-0031	EA	1-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	40.52	20.73
		For ASTM 120, Deduct	*-1.42*	
		For 225 LB Rating, Add	*19.39*	
		For Work In Restricted Working Space, Add	*9.32*	
		For 300 LB Rating, Add	*34.03*	
22 11 16 00-0032	EA	2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	53.09	26.36
		For ASTM 120, Deduct	*-2.04*	
		For 225 LB Rating, Add	*27.94*	
		For Work In Restricted Working Space, Add	*11.84*	
		For 300 LB Rating, Add	*48.71*	
22 11 16 00-0033	EA	2-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	97.82	38.98
		For ASTM 120, Deduct	*-5.91*	
		For 225 LB Rating, Add	*80.83*	
		For Work In Restricted Working Space, Add	*17.52*	
		For 300 LB Rating, Add	*137.57*	
22 11 16 00-0034	EA	3", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	143.08	51.24
		For ASTM 120, Deduct	*-9.94*	
		For 225 LB Rating, Add	*135.79*	
		For Work In Restricted Working Space, Add	*23.05*	
		For 300 LB Rating, Add	*229.83*	
22 11 16 00-0035	EA	4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	197.75	55.39
		For ASTM 120, Deduct	*-17.20*	
		For 225 LB Rating, Add	*235.11*	
		For Work In Restricted Working Space, Add	*24.92*	
		For 300 LB Rating, Add	*394.93*	
22 11 16 00-0036	EA	5", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	466.27	57.81
		For ASTM 120, Deduct	*-56.94*	
		For 225 LB Rating, Add	*778.18*	
		For Work In Restricted Working Space, Add	*26.00*	
		For 300 LB Rating, Add	*1,295.84*	
22 11 16 00-0037	EA	6", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	467.24	60.44
		For ASTM 120, Deduct	*-56.49*	
		For 225 LB Rating, Add	*772.09*	
		For Work In Restricted Working Space, Add	*27.18*	
		For 300 LB Rating, Add	*1,285.98*	

22 11 16 00-0038 Galvanized Malleable Iron Reducing 90 Degree Elbows *(22 11 16 00-0013)*

22 11 16 00-0039	EA	3/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	19.77	10.37
		For ASTM 120, Deduct	*-0.63*	
		For Work In Restricted Working Space, Add	*4.66*	
		For 300 LB Rating, Add	*15.31*	
22 11 16 00-0040	EA	1" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	25.16	13.14
		For ASTM 120, Deduct	*-0.81*	
		For Work In Restricted Working Space, Add	*5.92*	
		For 300 LB Rating, Add	*19.65*	
22 11 16 00-0041	EA	1" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	25.16	13.14
		For ASTM 120, Deduct	*-0.81*	
		For Work In Restricted Working Space, Add	*5.92*	
		For 300 LB Rating, Add	*19.65*	
22 11 16 00-0042	EA	1-1/4" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	36.62	18.40
		For ASTM 120, Deduct	*-1.36*	
		For Work In Restricted Working Space, Add	*8.26*	
		For 300 LB Rating, Add	*32.52*	
22 11 16 00-0043	EA	1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	37.82	18.40
		For ASTM 120, Deduct	*-1.54*	
		For Work In Restricted Working Space, Add	*8.26*	
		For 300 LB Rating, Add	*36.60*	
22 11 16 00-0044	EA	1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	37.82	18.40
		For ASTM 120, Deduct	*-1.54*	
		For Work In Restricted Working Space, Add	*8.26*	
		For 300 LB Rating, Add	*36.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0045	EA	1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	44.25	20.73
		For ASTM 120, Deduct	*-1.98*	
		For Work In Restricted Working Space, Add	*9.32*	
		For 300 LB Rating, Add	*46.71*	
22 11 16 00-0046	EA	1-1/2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	44.25	20.73
		For ASTM 120, Deduct	*-1.98*	
		For Work In Restricted Working Space, Add	*9.32*	
		For 300 LB Rating, Add	*46.71*	
22 11 16 00-0047	EA	1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	44.25	20.73
		For ASTM 120, Deduct	*-1.98*	
		For Work In Restricted Working Space, Add	*9.32*	
		For 300 LB Rating, Add	*46.71*	
22 11 16 00-0048	EA	2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	55.42	26.36
		For ASTM 120, Deduct	*-2.39*	
		For Work In Restricted Working Space, Add	*11.84*	
		For 300 LB Rating, Add	*56.63*	
22 11 16 00-0049	EA	2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	57.69	26.36
		For ASTM 120, Deduct	*-2.73*	
		For Work In Restricted Working Space, Add	*11.84*	
		For 300 LB Rating, Add	*64.35*	
22 11 16 00-0050	EA	2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	57.69	26.36
		For ASTM 120, Deduct	*-2.73*	
		For Work In Restricted Working Space, Add	*11.84*	
		For 300 LB Rating, Add	*64.35*	
22 11 16 00-0051	EA	2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	57.69	26.36
		For ASTM 120, Deduct	*-2.73*	
		For Work In Restricted Working Space, Add	*11.84*	
		For 300 LB Rating, Add	*64.35*	
22 11 16 00-0052	EA	2-1/2" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	110.44	38.98
		For ASTM 120, Deduct	*-7.81*	
		For Work In Restricted Working Space, Add	*17.52*	
		For 300 LB Rating, Add	*180.47*	
22 11 16 00-0053	EA	2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	115.61	38.98
		For ASTM 120, Deduct	*-8.58*	
		For Work In Restricted Working Space, Add	*17.52*	
		For 300 LB Rating, Add	*198.05*	
22 11 16 00-0054	EA	3" x 2-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	158.92	51.24
		For ASTM 120, Deduct	*-12.31*	
		For Work In Restricted Working Space, Add	*23.05*	
		For 300 LB Rating, Add	*283.68*	
22 11 16 00-0055	EA	3" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	158.92	51.24
		For ASTM 120, Deduct	*-12.31*	
		For Work In Restricted Working Space, Add	*23.05*	
		For 300 LB Rating, Add	*283.68*	
22 11 16 00-0056	EA	4" x 3", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	242.17	55.39
		For ASTM 120, Deduct	*-23.87*	
		For Work In Restricted Working Space, Add	*24.92*	
		For 300 LB Rating, Add	*545.96*	

22 11 16 00-0057 Galvanized Malleable Iron 45 Degree Elbow *(22 11 16 00-0013)*

22 11 16 00-0058	EA	1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	22.61	13.00
		For ASTM 120, Deduct	*-0.47*	
		For 225 LB Rating, Add	*6.46*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*11.88*	
22 11 16 00-0059	EA	3/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	26.27	14.53
		For ASTM 120, Deduct	*-0.67*	
		For 225 LB Rating, Add	*9.18*	
		For Work In Restricted Working Space, Add	*6.54*	
		For 300 LB Rating, Add	*16.54*	
22 11 16 00-0060	EA	1", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	29.44	16.21
		For ASTM 120, Deduct	*-0.77*	
		For 225 LB Rating, Add	*10.48*	
		For Work In Restricted Working Space, Add	*7.30*	
		For 300 LB Rating, Add	*18.83*	
22 11 16 00-0061	EA	1-1/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	36.94	18.40
		For ASTM 120, Deduct	*-1.41*	
		For 225 LB Rating, Add	*19.27*	
		For Work In Restricted Working Space, Add	*8.26*	
		For 300 LB Rating, Add	*33.61*	
22 11 16 00-0062	EA	1-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	42.29	20.73
		For ASTM 120, Deduct	*-1.68*	
		For 225 LB Rating, Add	*23.02*	
		For Work In Restricted Working Space, Add	*9.32*	
		For 300 LB Rating, Add	*40.05*	
22 11 16 00-0063	EA	2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	53.97	26.36
		For ASTM 120, Deduct	*-2.18*	
		For 225 LB Rating, Add	*29.75*	
		For Work In Restricted Working Space, Add	*11.84*	
		For 300 LB Rating, Add	*51.70*	
22 11 16 00-0064	EA	2-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	112.20	38.98
		For ASTM 120, Deduct	*-8.07*	
		For 225 LB Rating, Add	*110.31*	
		For Work In Restricted Working Space, Add	*17.52*	
		For 300 LB Rating, Add	*186.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0065	EA	3", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	159.61	51.24
		For ASTM 120, Deduct	*-12.42*	
		For 225 LB Rating, Add	*169.68*	
		For Work In Restricted Working Space, Add	*23.05*	
		For 300 LB Rating, Add	*286.03*	
22 11 16 00-0066	EA	4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	214.22	55.39
		For ASTM 120, Deduct	*-19.67*	
		For 225 LB Rating, Add	*268.88*	
		For Work In Restricted Working Space, Add	*24.92*	
		For 300 LB Rating, Add	*450.93*	
22 11 16 00-0067	EA	5", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	516.36	57.81
		For ASTM 120, Deduct	*-64.45*	
		For 225 LB Rating, Add	*880.86*	
		For Work In Restricted Working Space, Add	*26.00*	
		For 300 LB Rating, Add	*1,466.15*	
22 11 16 00-0068	EA	6", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	549.07	60.44
		For ASTM 120, Deduct	*-68.77*	
		For 225 LB Rating, Add	*939.84*	
		For Work In Restricted Working Space, Add	*27.18*	
		For 300 LB Rating, Add	*1,564.20*	

22 11 16 00-0069 Galvanized Malleable Iron Tees *(22 11 16 00-0013)*

22 11 16 00-0070	EA	1/2", 150 LB, Galvanized Malleable Iron Tee	26.79	16.21
		For ASTM 120, Deduct	*-0.37*	
		For 225 LB Rating, Add	*5.04*	
		For Work In Restricted Working Space, Add	*7.30*	
		For 300 LB Rating, Add	*9.82*	
22 11 16 00-0071	EA	3/4", 150 LB, Galvanized Malleable Iron Tee	32.31	18.76
		For ASTM 120, Deduct	*-0.63*	
		For 225 LB Rating, Add	*8.67*	
		For Work In Restricted Working Space, Add	*8.42*	
		For 300 LB Rating, Add	*16.07*	
22 11 16 00-0072	EA	1", 150 LB, Galvanized Malleable Iron Tee	40.12	22.11
		For ASTM 120, Deduct	*-1.04*	
		For 225 LB Rating, Add	*14.23*	
		For Work In Restricted Working Space, Add	*9.95*	
		For 300 LB Rating, Add	*25.59*	
22 11 16 00-0073	EA	1-1/4", 150 LB, Galvanized Malleable Iron Tee	50.37	26.36
		For ASTM 120, Deduct	*-1.64*	
		For 225 LB Rating, Add	*22.37*	
		For Work In Restricted Working Space, Add	*11.84*	
		For 300 LB Rating, Add	*39.46*	
22 11 16 00-0074	EA	1-1/2", 150 LB, Galvanized Malleable Iron Tee	60.73	31.39
		For ASTM 120, Deduct	*-2.04*	
		For 225 LB Rating, Add	*27.94*	
		For Work In Restricted Working Space, Add	*14.13*	
		For 300 LB Rating, Add	*49.17*	
22 11 16 00-0075	EA	2", 150 LB, Galvanized Malleable Iron Tee	78.07	38.98
		For ASTM 120, Deduct	*-2.95*	
		For 225 LB Rating, Add	*40.34*	
		For Work In Restricted Working Space, Add	*17.52*	
		For 300 LB Rating, Add	*70.42*	
22 11 16 00-0076	EA	2-1/2", 150 LB, Galvanized Malleable Iron Tee	124.60	42.33
		For ASTM 120, Deduct	*-9.17*	
		For 225 LB Rating, Add	*125.32*	
		For Work In Restricted Working Space, Add	*19.04*	
		For 300 LB Rating, Add	*211.65*	
22 11 16 00-0077	EA	3", 150 LB, Galvanized Malleable Iron Tee	148.51	51.24
		For ASTM 120, Deduct	*-10.75*	
		For 225 LB Rating, Add	*146.92*	
		For Work In Restricted Working Space, Add	*23.05*	
		For 300 LB Rating, Add	*248.29*	
22 11 16 00-0078	EA	4", 150 LB, Galvanized Malleable Iron Tee	274.00	69.98
		For ASTM 120, Deduct	*-25.36*	
		For 225 LB Rating, Add	*346.61*	
		For Work In Restricted Working Space, Add	*31.48*	
		For 300 LB Rating, Add	*581.17*	
22 11 16 00-0079	EA	5", 150 LB, Galvanized Malleable Iron Tee	553.59	83.09
		For ASTM 120, Deduct	*-64.35*	
		For 225 LB Rating, Add	*879.45*	
		For Work In Restricted Working Space, Add	*37.38*	
		For 300 LB Rating, Add	*1,466.08*	
22 11 16 00-0080	EA	6", 150 LB, Galvanized Malleable Iron Tee	618.51	94.98
		For ASTM 120, Deduct	*-71.42*	
		For 225 LB Rating, Add	*976.05*	
		For Work In Restricted Working Space, Add	*42.72*	
		For 300 LB Rating, Add	*1,627.35*	

22 11 16 00-0081 Galvanized Malleable Iron Reducing Tee *(22 11 16 00-0013)*

22 11 16 00-0082	EA	1/2", 150 LB, Galvanized Malleable Iron Reducing Tee	29.57	16.21
		For ASTM 120, Deduct	*-0.79*	
		For 225 LB Rating, Add	*10.74*	
		For Work In Restricted Working Space, Add	*7.30*	
		For 300 LB Rating, Add	*19.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0083	EA	3/4", 150 LB, Galvanized Malleable Iron Reducing Tee	33.95	18.76
		For ASTM 120, Deduct	*-0.88*	
		For 225 LB Rating, Add	*12.03*	
		For Work In Restricted Working Space, Add	*8.42*	
		For 300 LB Rating, Add	*21.64*	
22 11 16 00-0084	EA	1", 150 LB, Galvanized Malleable Iron Reducing Tee	41.38	22.11
		For ASTM 120, Deduct	*-1.23*	
		For 225 LB Rating, Add	*16.81*	
		For Work In Restricted Working Space, Add	*9.95*	
		For 300 LB Rating, Add	*29.87*	
22 11 16 00-0085	EA	1-1/4", 150 LB, Galvanized Malleable Iron Reducing Tee	52.08	26.36
		For ASTM 120, Deduct	*-1.89*	
		For 225 LB Rating, Add	*25.87*	
		For Work In Restricted Working Space, Add	*11.84*	
		For 300 LB Rating, Add	*45.28*	
22 11 16 00-0086	EA	1-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee	62.81	31.39
		For ASTM 120, Deduct	*-2.36*	
		For 225 LB Rating, Add	*32.21*	
		For Work In Restricted Working Space, Add	*14.13*	
		For 300 LB Rating, Add	*56.24*	
22 11 16 00-0087	EA	2", 150 LB, Galvanized Malleable Iron Reducing Tee	83.81	38.98
		For ASTM 120, Deduct	*-3.81*	
		For 225 LB Rating, Add	*52.11*	
		For Work In Restricted Working Space, Add	*17.52*	
		For 300 LB Rating, Add	*89.93*	
22 11 16 00-0088	EA	2-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee	132.69	42.48
		For ASTM 120, Deduct	*-10.35*	
		For 225 LB Rating, Add	*141.49*	
		For Work In Restricted Working Space, Add	*19.10*	
		For 300 LB Rating, Add	*238.49*	
22 11 16 00-0089	EA	3", 150 LB, Galvanized Malleable Iron Reducing Tee	171.75	52.05
		For ASTM 120, Deduct	*-14.05*	
		For 225 LB Rating, Add	*192.06*	
		For Work In Restricted Working Space, Add	*23.42*	
		For 300 LB Rating, Add	*323.23*	
22 11 16 00-0090	EA	4", 150 LB, Galvanized Malleable Iron Reducing Tee	291.97	69.98
		For ASTM 120, Deduct	*-28.06*	
		For 225 LB Rating, Add	*383.45*	
		For Work In Restricted Working Space, Add	*31.48*	
		For 300 LB Rating, Add	*642.27*	
22 11 16 00-0091	EA	5", 150 LB, Galvanized Malleable Iron Reducing Tee	216.04	83.09
		For ASTM 120, Deduct	*-13.72*	
		For 225 LB Rating, Add	*187.47*	
		For Work In Restricted Working Space, Add	*37.38*	
		For 300 LB Rating, Add	*318.41*	
22 11 16 00-0092	EA	6", 150 LB, Galvanized Malleable Iron Reducing Tee	654.28	94.98
		For ASTM 120, Deduct	*-76.78*	
		For 225 LB Rating, Add	*1,049.37*	
		For Work In Restricted Working Space, Add	*42.72*	
		For 300 LB Rating, Add	*1,748.97*	

22 11 16 00-0093 Galvanized Malleable Iron Couplings *(22 11 16 00-0013)*

22 11 16 00-0094	EA	1/2", 150 LB, Galvanized Malleable Iron Coupling	22.36	13.00
		For ASTM 120, Deduct	*-0.44*	
		For 225 LB Rating, Add	*5.95*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*11.03*	
22 11 16 00-0095	EA	3/4", 150 LB, Galvanized Malleable Iron Coupling	25.13	14.53
		For ASTM 120, Deduct	*-0.50*	
		For 225 LB Rating, Add	*6.85*	
		For Work In Restricted Working Space, Add	*6.54*	
		For 300 LB Rating, Add	*12.66*	
22 11 16 00-0096	EA	1", 150 LB, Galvanized Malleable Iron Coupling	29.88	16.21
		For ASTM 120, Deduct	*-0.83*	
		For 225 LB Rating, Add	*11.38*	
		For Work In Restricted Working Space, Add	*7.30*	
		For 300 LB Rating, Add	*20.33*	
22 11 16 00-0097	EA	1-1/4", 150 LB, Galvanized Malleable Iron Coupling	35.05	18.40
		For ASTM 120, Deduct	*-1.13*	
		For 225 LB Rating, Add	*15.40*	
		For Work In Restricted Working Space, Add	*8.26*	
		For 300 LB Rating, Add	*27.19*	
22 11 16 00-0098	EA	1-1/2", 150 LB, Galvanized Malleable Iron Coupling	39.77	20.73
		For ASTM 120, Deduct	*-1.31*	
		For 225 LB Rating, Add	*17.86*	
		For Work In Restricted Working Space, Add	*9.32*	
		For 300 LB Rating, Add	*31.48*	
22 11 16 00-0099	EA	2", 150 LB, Galvanized Malleable Iron Coupling	52.20	26.36
		For ASTM 120, Deduct	*-1.91*	
		For 225 LB Rating, Add	*26.12*	
		For Work In Restricted Working Space, Add	*11.84*	
		For 300 LB Rating, Add	*45.68*	
22 11 16 00-0100	EA	2-1/2", 150 LB, Galvanized Malleable Iron Coupling	94.48	38.98
		For ASTM 120, Deduct	*-5.41*	
		For 225 LB Rating, Add	*73.98*	
		For Work In Restricted Working Space, Add	*17.52*	
		For 300 LB Rating, Add	*126.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0101	EA	3", 150 LB, Galvanized Malleable Iron Coupling	125.98	51.24
		For ASTM 120, Deduct	*-7.37*	
		For 225 LB Rating, Add	*100.74*	
		For Work In Restricted Working Space, Add	*23.05*	
		For 300 LB Rating, Add	*171.69*	
22 11 16 00-0102	EA	4", 150 LB, Galvanized Malleable Iron Coupling	179.14	55.39
		For ASTM 120, Deduct	*-14.41*	
		For 225 LB Rating, Add	*196.96*	
		For Work In Restricted Working Space, Add	*24.92*	
		For 300 LB Rating, Add	*331.66*	
22 11 16 00-0103	EA	5", 150 LB, Galvanized Malleable Iron Coupling	265.40	57.81
		For ASTM 120, Deduct	*-26.81*	
		For 225 LB Rating, Add	*366.40*	
		For Work In Restricted Working Space, Add	*26.00*	
		For 300 LB Rating, Add	*612.88*	
22 11 16 00-0104	EA	6", 150 LB, Galvanized Malleable Iron Coupling	310.53	60.44
		For ASTM 120, Deduct	*-32.99*	
		For 225 LB Rating, Add	*450.84*	
		For Work In Restricted Working Space, Add	*27.18*	
		For 300 LB Rating, Add	*753.16*	

22 11 16 00-0105 Galvanized Malleable Iron Reducing Couplings *(22 11 16 00-0013)*

22 11 16 00-0106	EA	1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	22.36	13.00
		For ASTM 120, Deduct	*-0.44*	
		For 225 LB Rating, Add	*5.95*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*11.03*	
22 11 16 00-0107	EA	3/4", 150 LB, Galvanized Malleable Iron Reducing Coupling	25.20	14.53
		For ASTM 120, Deduct	*-0.51*	
		For 225 LB Rating, Add	*6.99*	
		For Work In Restricted Working Space, Add	*6.54*	
		For 300 LB Rating, Add	*12.90*	
22 11 16 00-0108	EA	1", 150 LB, Galvanized Malleable Iron Reducing Coupling	29.63	16.21
		For ASTM 120, Deduct	*-0.80*	
		For 225 LB Rating, Add	*10.87*	
		For Work In Restricted Working Space, Add	*7.30*	
		For 300 LB Rating, Add	*19.48*	
22 11 16 00-0109	EA	1-1/4", 150 LB, Galvanized Malleable Iron Reducing Coupling	34.92	18.40
		For ASTM 120, Deduct	*-1.11*	
		For 225 LB Rating, Add	*15.13*	
		For Work In Restricted Working Space, Add	*8.26*	
		For 300 LB Rating, Add	*26.74*	
22 11 16 00-0110	EA	1-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	39.89	20.73
		For ASTM 120, Deduct	*-1.32*	
		For 225 LB Rating, Add	*18.10*	
		For Work In Restricted Working Space, Add	*9.32*	
		For 300 LB Rating, Add	*31.89*	
22 11 16 00-0111	EA	2", 150 LB, Galvanized Malleable Iron Reducing Coupling	52.20	26.36
		For ASTM 120, Deduct	*-1.91*	
		For 225 LB Rating, Add	*26.12*	
		For Work In Restricted Working Space, Add	*11.84*	
		For 300 LB Rating, Add	*45.68*	
22 11 16 00-0112	EA	2-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	95.61	38.98
		For ASTM 120, Deduct	*-5.58*	
		For 225 LB Rating, Add	*76.30*	
		For Work In Restricted Working Space, Add	*17.52*	
		For 300 LB Rating, Add	*130.05*	
22 11 16 00-0113	EA	3", 150 LB, Galvanized Malleable Iron Reducing Coupling	126.36	51.24
		For ASTM 120, Deduct	*-7.43*	
		For 225 LB Rating, Add	*101.52*	
		For Work In Restricted Working Space, Add	*23.05*	
		For 300 LB Rating, Add	*172.98*	
22 11 16 00-0114	EA	4", 150 LB, Galvanized Malleable Iron Reducing Coupling	190.18	55.39
		For ASTM 120, Deduct	*-16.07*	
		For 225 LB Rating, Add	*219.60*	
		For Work In Restricted Working Space, Add	*24.92*	
		For 300 LB Rating, Add	*369.19*	
22 11 16 00-0115	EA	5", 150 LB, Galvanized Malleable Iron Reducing Coupling	308.74	57.81
		For ASTM 120, Deduct	*-33.31*	
		For 225 LB Rating, Add	*455.24*	
		For Work In Restricted Working Space, Add	*26.00*	
		For 300 LB Rating, Add	*760.24*	
22 11 16 00-0116	EA	6", 150 LB, Galvanized Malleable Iron Reducing Coupling	353.05	60.44
		For ASTM 120, Deduct	*-39.37*	
		For 225 LB Rating, Add	*538.00*	
		For Work In Restricted Working Space, Add	*27.18*	
		For 300 LB Rating, Add	*897.73*	

22 11 16 00-0117 Galvanized Malleable Iron Caps *(22 11 16 00-0013)*

22 11 16 00-0118	EA	1/2", 150 LB, Galvanized Malleable Iron Cap	11.02	6.05
		For ASTM 120, Deduct	*-0.28*	
		For 225 LB Rating, Add	*3.87*	
		For Work In Restricted Working Space, Add	*2.74*	
		For 300 LB Rating, Add	*6.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0119	EA	3/4", 150 LB, Galvanized Malleable Iron Cap	12.82	6.50
		For ASTM 120, Deduct	*-0.46*	
		For 225 LB Rating, Add	*6.33*	
		For Work In Restricted Working Space, Add	*2.92*	
		For 300 LB Rating, Add	*11.09*	
22 11 16 00-0120	EA	1", 150 LB, Galvanized Malleable Iron Cap	14.70	7.52
		For ASTM 120, Deduct	*-0.52*	
		For 225 LB Rating, Add	*7.11*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*12.47*	
22 11 16 00-0121	EA	1-1/4", 150 LB, Galvanized Malleable Iron Cap	16.76	7.89
		For ASTM 120, Deduct	*-0.75*	
		For 225 LB Rating, Add	*10.21*	
		For Work In Restricted Working Space, Add	*3.53*	
		For 300 LB Rating, Add	*17.64*	
22 11 16 00-0122	EA	1-1/2", 150 LB, Galvanized Malleable Iron Cap	18.15	7.89
		For ASTM 120, Deduct	*-0.96*	
		For 225 LB Rating, Add	*13.06*	
		For Work In Restricted Working Space, Add	*3.53*	
		For 300 LB Rating, Add	*22.36*	
22 11 16 00-0123	EA	2", 150 LB, Galvanized Malleable Iron Cap	23.71	10.44
		For ASTM 120, Deduct	*-1.20*	
		For 225 LB Rating, Add	*16.42*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*28.18*	
22 11 16 00-0124	EA	2-1/2", 150 LB, Galvanized Malleable Iron Cap	43.69	13.00
		For ASTM 120, Deduct	*-3.63*	
		For 225 LB Rating, Add	*49.67*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*83.55*	
22 11 16 00-0125	EA	3", 150 LB, Galvanized Malleable Iron Cap	51.87	15.70
		For ASTM 120, Deduct	*-4.25*	
		For 225 LB Rating, Add	*58.08*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*97.73*	
22 11 16 00-0126	EA	4", 150 LB, Galvanized Malleable Iron Cap	90.05	19.01
		For ASTM 120, Deduct	*-9.24*	
		For 225 LB Rating, Add	*126.22*	
		For Work In Restricted Working Space, Add	*8.54*	
		For 300 LB Rating, Add	*211.05*	
22 11 16 00-0127	EA	5", 150 LB, Galvanized Malleable Iron Cap	158.05	23.77
		For ASTM 120, Deduct	*-18.37*	
		For 225 LB Rating, Add	*251.02*	
		For Work In Restricted Working Space, Add	*10.68*	
		For 300 LB Rating, Add	*418.47*	
22 11 16 00-0128	EA	6", 150 LB, Galvanized Malleable Iron Cap	254.52	28.26
		For ASTM 120, Deduct	*-31.82*	
		For 225 LB Rating, Add	*434.81*	
		For Work In Restricted Working Space, Add	*12.73*	
		For 300 LB Rating, Add	*723.69*	

22 11 16 00-0129 Galvanized Malleable Iron Unions *(22 11 16 00-0013)*

22 11 16 00-0130	EA	1/2", 150 LB, Galvanized Malleable Iron Union	32.59	16.21
		For 225 LB Rating, Add	*16.93*	
		For Work In Restricted Working Space, Add	*7.30*	
		For 300 LB Rating, Add	*29.54*	
22 11 16 00-0131	EA	3/4", 150 LB, Galvanized Malleable Iron Union	36.53	18.76
		For 225 LB Rating, Add	*17.32*	
		For Work In Restricted Working Space, Add	*8.42*	
		For 300 LB Rating, Add	*30.41*	
22 11 16 00-0132	EA	1", 150 LB, Galvanized Malleable Iron Union	45.61	22.11
		For 225 LB Rating, Add	*25.48*	
		For Work In Restricted Working Space, Add	*9.95*	
		For 300 LB Rating, Add	*44.25*	
22 11 16 00-0133	EA	1-1/4", 150 LB, Galvanized Malleable Iron Union	57.44	26.36
		For 225 LB Rating, Add	*36.86*	
		For Work In Restricted Working Space, Add	*11.84*	
		For 300 LB Rating, Add	*63.50*	
22 11 16 00-0134	EA	1-1/2", 150 LB, Galvanized Malleable Iron Union	69.37	31.39
		For 225 LB Rating, Add	*45.65*	
		For Work In Restricted Working Space, Add	*14.13*	
		For 300 LB Rating, Add	*78.54*	
22 11 16 00-0135	EA	2", 150 LB, Galvanized Malleable Iron Union	83.94	38.98
		For 225 LB Rating, Add	*52.38*	
		For Work In Restricted Working Space, Add	*17.52*	
		For 300 LB Rating, Add	*90.37*	
22 11 16 00-0136	EA	2-1/2", 150 LB, Galvanized Malleable Iron Union	137.60	42.33
		For 225 LB Rating, Add	*151.97*	
		For Work In Restricted Working Space, Add	*19.04*	
		For 300 LB Rating, Add	*255.85*	
22 11 16 00-0137	EA	3", 150 LB, Galvanized Malleable Iron Union	198.79	51.24
		For 225 LB Rating, Add	*250.00*	
		For Work In Restricted Working Space, Add	*23.05*	
		For 300 LB Rating, Add	*419.24*	

22 11 16 00-0138 Galvanized Steel Nipples *(22 11 16 00-0013)*

Note: ASTM A-53.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0139	EA	3/8" x Close, Schedule 40 Galvanized Steel Nipple	11.12	6.93
		For ASTM 120, Deduct	*-0.10*	
		For Schedule 80 Nipples, Add	*0.79*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.97*	
22 11 16 00-0140	EA	1/2" x Close, Schedule 40 Galvanized Steel Nipple	10.99	6.93
		For ASTM 120, Deduct	*-0.08*	
		For Schedule 80 Nipples, Add	*0.64*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.53*	
22 11 16 00-0141	EA	3/4" x Close, Schedule 40 Galvanized Steel Nipple	11.11	6.93
		For ASTM 120, Deduct	*-0.10*	
		For Schedule 80 Nipples, Add	*0.78*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.94*	
22 11 16 00-0142	EA	1" x Close, Schedule 40 Galvanized Steel Nipple	12.16	7.52
		For ASTM 120, Deduct	*-0.14*	
		For Schedule 80 Nipples, Add	*1.06*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*3.84*	
22 11 16 00-0143	EA	1-1/4" x Close, Schedule 40 Galvanized Steel Nipple	13.42	8.10
		For ASTM 120, Deduct	*-0.19*	
		For Schedule 80 Nipples, Add	*1.43*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*4.98*	
22 11 16 00-0144	EA	1-1/2" x Close, Schedule 40 Galvanized Steel Nipple	13.63	8.10
		For ASTM 120, Deduct	*-0.22*	
		For Schedule 80 Nipples, Add	*1.66*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*5.69*	
22 11 16 00-0145	EA	2" x Close, Schedule 40 Galvanized Steel Nipple	17.76	10.44
		For ASTM 120, Deduct	*-0.31*	
		For Schedule 80 Nipples, Add	*2.35*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*7.95*	
22 11 16 00-0146	EA	2-1/2" x Close, Schedule 40 Galvanized Steel Nipple	25.60	13.00
		For ASTM 120, Deduct	*-0.92*	
		For Schedule 80 Nipples, Add	*7.00*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*22.04*	
22 11 16 00-0147	EA	3" x Close, Schedule 40 Galvanized Steel Nipple	30.90	15.70
		For ASTM 120, Deduct	*-1.10*	
		For Schedule 80 Nipples, Add	*8.39*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*26.44*	
22 11 16 00-0148	EA	4" x Close, Schedule 40 Galvanized Steel Nipple	39.51	19.01
		For ASTM 120, Deduct	*-1.65*	
		For Schedule 80 Nipples, Add	*12.57*	
		For Work In Restricted Working Space, Add	*8.54*	
		For 300 LB Rating, Add	*39.21*	
22 11 16 00-0149	EA	3/8" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	11.22	6.93
		For ASTM 120, Deduct	*-0.12*	
		For Schedule 80 Nipples, Add	*0.90*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*3.31*	
22 11 16 00-0150	EA	1/2" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	11.02	6.93
		For ASTM 120, Deduct	*-0.09*	
		For Schedule 80 Nipples, Add	*0.67*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.63*	
22 11 16 00-0151	EA	3/4" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	11.17	6.93
		For ASTM 120, Deduct	*-0.11*	
		For Schedule 80 Nipples, Add	*0.84*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*3.14*	
22 11 16 00-0152	EA	3/8" x 2" Long, Schedule 40 Galvanized Steel Nipple	11.22	6.93
		For ASTM 120, Deduct	*-0.12*	
		For Schedule 80 Nipples, Add	*0.90*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*3.31*	
22 11 16 00-0153	EA	1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple	11.02	6.93
		For ASTM 120, Deduct	*-0.09*	
		For Schedule 80 Nipples, Add	*0.67*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.63*	
22 11 16 00-0154	EA	3/4" x 2" Long, Schedule 40 Galvanized Steel Nipple	11.17	6.93
		For ASTM 120, Deduct	*-0.11*	
		For Schedule 80 Nipples, Add	*0.84*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*3.14*	
22 11 16 00-0155	EA	1" x 2" Long, Schedule 40 Galvanized Steel Nipple	12.33	7.52
		For ASTM 120, Deduct	*-0.17*	
		For Schedule 80 Nipples, Add	*1.25*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*4.41*	
22 11 16 00-0156	EA	1-1/4" x 2" Long, Schedule 40 Galvanized Steel Nipple	13.51	8.10
		For ASTM 120, Deduct	*-0.20*	
		For Schedule 80 Nipples, Add	*1.53*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*5.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0157	EA	1-1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple	13.74	8.10
		For ASTM 120, Deduct	*-0.24*	
		For Schedule 80 Nipples, Add	*1.79*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*6.07*	
22 11 16 00-0158	EA	3/8" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	11.49	6.93
		For ASTM 120, Deduct	*-0.16*	
		For Schedule 80 Nipples, Add	*1.21*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*4.23*	
22 11 16 00-0159	EA	1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	11.12	6.93
		For ASTM 120, Deduct	*-0.10*	
		For Schedule 80 Nipples, Add	*0.79*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.97*	
22 11 16 00-0160	EA	3/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	11.25	6.93
		For ASTM 120, Deduct	*-0.12*	
		For Schedule 80 Nipples, Add	*0.93*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*3.41*	
22 11 16 00-0161	EA	1" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	12.42	7.52
		For ASTM 120, Deduct	*-0.18*	
		For Schedule 80 Nipples, Add	*1.36*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*4.72*	
22 11 16 00-0162	EA	1-1/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	13.64	8.10
		For ASTM 120, Deduct	*-0.22*	
		For Schedule 80 Nipples, Add	*1.68*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*5.73*	
22 11 16 00-0163	EA	1-1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	13.92	8.10
		For ASTM 120, Deduct	*-0.26*	
		For Schedule 80 Nipples, Add	*2.00*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*6.68*	
22 11 16 00-0164	EA	2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.02	10.44
		For ASTM 120, Deduct	*-0.35*	
		For Schedule 80 Nipples, Add	*2.64*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*8.83*	
22 11 16 00-0165	EA	3/8" x 3" Long, Schedule 40 Galvanized Steel Nipple	11.49	6.93
		For ASTM 120, Deduct	*-0.16*	
		For Schedule 80 Nipples, Add	*1.21*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*4.23*	
22 11 16 00-0166	EA	1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	11.12	6.93
		For ASTM 120, Deduct	*-0.10*	
		For Schedule 80 Nipples, Add	*0.79*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.97*	
22 11 16 00-0167	EA	3/4" x 3" Long, Schedule 40 Galvanized Steel Nipple	11.25	6.93
		For ASTM 120, Deduct	*-0.12*	
		For Schedule 80 Nipples, Add	*0.93*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*3.41*	
22 11 16 00-0168	EA	1" x 3" Long, Schedule 40 Galvanized Steel Nipple	12.42	7.52
		For ASTM 120, Deduct	*-0.18*	
		For Schedule 80 Nipples, Add	*1.36*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*4.72*	
22 11 16 00-0169	EA	1-1/4" x 3" Long, Schedule 40 Galvanized Steel Nipple	13.64	8.10
		For ASTM 120, Deduct	*-0.22*	
		For Schedule 80 Nipples, Add	*1.68*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*5.73*	
22 11 16 00-0170	EA	1-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	13.92	8.10
		For ASTM 120, Deduct	*-0.26*	
		For Schedule 80 Nipples, Add	*2.00*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*6.68*	
22 11 16 00-0171	EA	2" x 3" Long, Schedule 40 Galvanized Steel Nipple	18.02	10.44
		For ASTM 120, Deduct	*-0.35*	
		For Schedule 80 Nipples, Add	*2.64*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*8.83*	
22 11 16 00-0172	EA	2-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	25.84	13.00
		For ASTM 120, Deduct	*-0.96*	
		For Schedule 80 Nipples, Add	*7.27*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*22.86*	
22 11 16 00-0173	EA	3" x 3" Long, Schedule 40 Galvanized Steel Nipple	31.92	15.70
		For ASTM 120, Deduct	*-1.26*	
		For Schedule 80 Nipples, Add	*9.55*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*29.90*	
22 11 16 00-0174	EA	3/8" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	11.68	6.93
		For ASTM 120, Deduct	*-0.19*	
		For Schedule 80 Nipples, Add	*1.43*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*4.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0175	EA	1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	11.28	6.93
		For ASTM 120, Deduct	*-0.13*	
		For Schedule 80 Nipples, Add	*0.97*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*3.52*	
22 11 16 00-0176	EA	3/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	11.49	6.93
		For ASTM 120, Deduct	*-0.16*	
		For Schedule 80 Nipples, Add	*1.21*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*4.23*	
22 11 16 00-0177	EA	1" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	12.66	7.52
		For ASTM 120, Deduct	*-0.21*	
		For Schedule 80 Nipples, Add	*1.63*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*5.54*	
22 11 16 00-0178	EA	1-1/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	13.92	8.10
		For ASTM 120, Deduct	*-0.26*	
		For Schedule 80 Nipples, Add	*2.00*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*6.68*	
22 11 16 00-0179	EA	1-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	14.38	8.10
		For ASTM 120, Deduct	*-0.33*	
		For Schedule 80 Nipples, Add	*2.52*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*8.24*	
22 11 16 00-0180	EA	2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.52	10.44
		For ASTM 120, Deduct	*-0.42*	
		For Schedule 80 Nipples, Add	*3.21*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*10.53*	
22 11 16 00-0181	EA	2-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	26.86	13.00
		For ASTM 120, Deduct	*-1.11*	
		For Schedule 80 Nipples, Add	*8.44*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*26.33*	
22 11 16 00-0182	EA	3" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	33.37	15.70
		For ASTM 120, Deduct	*-1.47*	
		For Schedule 80 Nipples, Add	*11.21*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*34.83*	
22 11 16 00-0183	EA	3/8" x 4" Long, Schedule 40 Galvanized Steel Nipple	11.68	6.93
		For ASTM 120, Deduct	*-0.19*	
		For Schedule 80 Nipples, Add	*1.43*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*4.88*	
22 11 16 00-0184	EA	1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	11.28	6.93
		For ASTM 120, Deduct	*-0.13*	
		For Schedule 80 Nipples, Add	*0.97*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*3.52*	
22 11 16 00-0185	EA	3/4" x 4" Long, Schedule 40 Galvanized Steel Nipple	11.68	6.93
		For ASTM 120, Deduct	*-0.19*	
		For Schedule 80 Nipples, Add	*1.43*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*4.88*	
22 11 16 00-0186	EA	1" x 4" Long, Schedule 40 Galvanized Steel Nipple	12.66	7.52
		For ASTM 120, Deduct	*-0.21*	
		For Schedule 80 Nipples, Add	*1.63*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*5.54*	
22 11 16 00-0187	EA	1-1/4" x 4" Long, Schedule 40 Galvanized Steel Nipple	13.92	8.10
		For ASTM 120, Deduct	*-0.26*	
		For Schedule 80 Nipples, Add	*2.00*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*6.68*	
22 11 16 00-0188	EA	1-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	14.38	8.10
		For ASTM 120, Deduct	*-0.33*	
		For Schedule 80 Nipples, Add	*2.52*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*8.24*	
22 11 16 00-0189	EA	2" x 4" Long, Schedule 40 Galvanized Steel Nipple	18.54	10.44
		For ASTM 120, Deduct	*-0.43*	
		For Schedule 80 Nipples, Add	*3.24*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*10.60*	
22 11 16 00-0190	EA	2-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	26.86	13.00
		For ASTM 120, Deduct	*-1.11*	
		For Schedule 80 Nipples, Add	*8.44*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*26.33*	
22 11 16 00-0191	EA	3" x 4" Long, Schedule 40 Galvanized Steel Nipple	33.37	15.70
		For ASTM 120, Deduct	*-1.47*	
		For Schedule 80 Nipples, Add	*11.21*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*34.83*	
22 11 16 00-0192	EA	4" x 4" Long, Schedule 40 Galvanized Steel Nipple	41.67	19.01
		For ASTM 120, Deduct	*-1.98*	
		For Schedule 80 Nipples, Add	*15.04*	
		For Work In Restricted Working Space, Add	*8.54*	
		For 300 LB Rating, Add	*46.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0193	EA	3/8" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	12.16	6.93
		For ASTM 120, Deduct	*-0.26*	
		For Schedule 80 Nipples, Add	*1.97*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*6.51*	
22 11 16 00-0194	EA	1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	11.46	6.93
		For ASTM 120, Deduct	*-0.15*	
		For Schedule 80 Nipples, Add	*1.17*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*4.13*	
22 11 16 00-0195	EA	3/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	11.69	6.93
		For ASTM 120, Deduct	*-0.19*	
		For Schedule 80 Nipples, Add	*1.44*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*4.91*	
22 11 16 00-0196	EA	1" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	12.98	7.52
		For ASTM 120, Deduct	*-0.26*	
		For Schedule 80 Nipples, Add	*2.00*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*6.62*	
22 11 16 00-0197	EA	1-1/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	14.34	8.10
		For ASTM 120, Deduct	*-0.33*	
		For Schedule 80 Nipples, Add	*2.47*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*8.11*	
22 11 16 00-0198	EA	1-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	14.85	8.10
		For ASTM 120, Deduct	*-0.40*	
		For Schedule 80 Nipples, Add	*3.06*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*9.84*	
22 11 16 00-0199	EA	2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.30	10.44
		For ASTM 120, Deduct	*-0.54*	
		For Schedule 80 Nipples, Add	*4.10*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*13.18*	
22 11 16 00-0200	EA	2-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	27.72	13.00
		For ASTM 120, Deduct	*-1.24*	
		For Schedule 80 Nipples, Add	*9.42*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*29.25*	
22 11 16 00-0201	EA	3" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	34.99	15.70
		For ASTM 120, Deduct	*-1.72*	
		For Schedule 80 Nipples, Add	*13.05*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*40.34*	
22 11 16 00-0202	EA	4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	43.28	19.01
		For ASTM 120, Deduct	*-2.22*	
		For Schedule 80 Nipples, Add	*16.87*	
		For Work In Restricted Working Space, Add	*8.54*	
		For 300 LB Rating, Add	*52.03*	
22 11 16 00-0203	EA	3/8" x 5" Long, Schedule 40 Galvanized Steel Nipple	12.16	6.93
		For ASTM 120, Deduct	*-0.26*	
		For Schedule 80 Nipples, Add	*1.97*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*6.51*	
22 11 16 00-0204	EA	1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	11.46	6.93
		For ASTM 120, Deduct	*-0.15*	
		For Schedule 80 Nipples, Add	*1.17*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*4.13*	
22 11 16 00-0205	EA	3/4" x 5" Long, Schedule 40 Galvanized Steel Nipple	11.69	6.93
		For ASTM 120, Deduct	*-0.19*	
		For Schedule 80 Nipples, Add	*1.44*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*4.91*	
22 11 16 00-0206	EA	1" x 5" Long, Schedule 40 Galvanized Steel Nipple	12.98	7.52
		For ASTM 120, Deduct	*-0.26*	
		For Schedule 80 Nipples, Add	*2.00*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*6.62*	
22 11 16 00-0207	EA	1-1/4" x 5" Long, Schedule 40 Galvanized Steel Nipple	14.34	8.10
		For ASTM 120, Deduct	*-0.33*	
		For Schedule 80 Nipples, Add	*2.47*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*8.11*	
22 11 16 00-0208	EA	1-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	14.85	8.10
		For ASTM 120, Deduct	*-0.40*	
		For Schedule 80 Nipples, Add	*3.06*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*9.84*	
22 11 16 00-0209	EA	2" x 5" Long, Schedule 40 Galvanized Steel Nipple	19.30	10.44
		For ASTM 120, Deduct	*-0.54*	
		For Schedule 80 Nipples, Add	*4.10*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*13.18*	
22 11 16 00-0210	EA	2-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	27.72	13.00
		For ASTM 120, Deduct	*-1.24*	
		For Schedule 80 Nipples, Add	*9.42*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*29.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0211	EA	3" x 5" Long, Schedule 40 Galvanized Steel Nipple	34.99	15.70
		For ASTM 120, Deduct	*-1.72*	
		For Schedule 80 Nipples, Add	*13.05*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*40.34*	
22 11 16 00-0212	EA	4" x 5" Long, Schedule 40 Galvanized Steel Nipple	43.28	19.01
		For ASTM 120, Deduct	*-2.22*	
		For Schedule 80 Nipples, Add	*16.87*	
		For Work In Restricted Working Space, Add	*8.54*	
		For 300 LB Rating, Add	*52.03*	
22 11 16 00-0213	EA	3/8" x 6" Long, Schedule 40 Galvanized Steel Nipple	12.35	6.93
		For ASTM 120, Deduct	*-0.29*	
		For Schedule 80 Nipples, Add	*2.19*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*7.15*	
22 11 16 00-0214	EA	1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	11.59	6.93
		For ASTM 120, Deduct	*-0.17*	
		For Schedule 80 Nipples, Add	*1.32*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*4.57*	
22 11 16 00-0215	EA	3/4" x 6" Long, Schedule 40 Galvanized Steel Nipple	11.94	6.93
		For ASTM 120, Deduct	*-0.23*	
		For Schedule 80 Nipples, Add	*1.72*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*5.76*	
22 11 16 00-0216	EA	1" x 6" Long, Schedule 40 Galvanized Steel Nipple	13.22	7.52
		For ASTM 120, Deduct	*-0.30*	
		For Schedule 80 Nipples, Add	*2.27*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*7.44*	
22 11 16 00-0217	EA	1-1/4" x 6" Long, Schedule 40 Galvanized Steel Nipple	14.68	8.10
		For ASTM 120, Deduct	*-0.38*	
		For Schedule 80 Nipples, Add	*2.86*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*9.26*	
22 11 16 00-0218	EA	1-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	15.18	8.10
		For ASTM 120, Deduct	*-0.45*	
		For Schedule 80 Nipples, Add	*3.43*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*10.96*	
22 11 16 00-0219	EA	2" x 6" Long, Schedule 40 Galvanized Steel Nipple	19.88	10.44
		For ASTM 120, Deduct	*-0.63*	
		For Schedule 80 Nipples, Add	*4.77*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*15.15*	
22 11 16 00-0220	EA	2-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	28.53	13.00
		For ASTM 120, Deduct	*-1.36*	
		For Schedule 80 Nipples, Add	*10.34*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*32.01*	
22 11 16 00-0221	EA	3" x 6" Long, Schedule 40 Galvanized Steel Nipple	35.65	15.70
		For ASTM 120, Deduct	*-1.82*	
		For Schedule 80 Nipples, Add	*13.81*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*42.59*	
22 11 16 00-0222	EA	4" x 6" Long, Schedule 40 Galvanized Steel Nipple	44.84	19.01
		For ASTM 120, Deduct	*-2.45*	
		For Schedule 80 Nipples, Add	*18.65*	
		For Work In Restricted Working Space, Add	*8.54*	
		For 300 LB Rating, Add	*57.33*	
22 11 16 00-0223	EA	3/8" x 8" Long, Schedule 40 Galvanized Steel Nipple	18.10	6.93
		For ASTM 120, Deduct	*-1.15*	
		For Schedule 80 Nipples, Add	*8.74*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*26.70*	
22 11 16 00-0224	EA	1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	12.48	6.93
		For ASTM 120, Deduct	*-0.31*	
		For Schedule 80 Nipples, Add	*2.34*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*7.60*	
22 11 16 00-0225	EA	3/4" x 8" Long, Schedule 40 Galvanized Steel Nipple	13.05	6.93
		For ASTM 120, Deduct	*-0.39*	
		For Schedule 80 Nipples, Add	*2.99*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*9.53*	
22 11 16 00-0226	EA	1" x 8" Long, Schedule 40 Galvanized Steel Nipple	14.55	7.52
		For ASTM 120, Deduct	*-0.50*	
		For Schedule 80 Nipples, Add	*3.78*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*11.96*	
22 11 16 00-0227	EA	1-1/4" x 8" Long, Schedule 40 Galvanized Steel Nipple	16.24	8.10
		For ASTM 120, Deduct	*-0.61*	
		For Schedule 80 Nipples, Add	*4.64*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*14.57*	
22 11 16 00-0228	EA	1-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	16.84	8.10
		For ASTM 120, Deduct	*-0.70*	
		For Schedule 80 Nipples, Add	*5.32*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*16.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0229	EA	2" x 8" Long, Schedule 40 Galvanized Steel Nipple	22.52	10.44
		For ASTM 120, Deduct	*-1.02*	
		For Schedule 80 Nipples, Add	*7.77*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*24.13*	
22 11 16 00-0230	EA	2-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	31.14	13.00
		For ASTM 120, Deduct	*-1.75*	
		For Schedule 80 Nipples, Add	*13.32*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*40.88*	
22 11 16 00-0231	EA	3" x 8" Long, Schedule 40 Galvanized Steel Nipple	39.86	15.70
		For ASTM 120, Deduct	*-2.45*	
		For Schedule 80 Nipples, Add	*18.60*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*56.90*	
22 11 16 00-0232	EA	4" x 8" Long, Schedule 40 Galvanized Steel Nipple	48.00	19.01
		For ASTM 120, Deduct	*-2.93*	
		For Schedule 80 Nipples, Add	*22.25*	
		For Work In Restricted Working Space, Add	*8.54*	
		For 300 LB Rating, Add	*68.08*	
22 11 16 00-0233	EA	3/8" x 10" Long, Schedule 40 Galvanized Steel Nipple	14.09	6.93
		For ASTM 120, Deduct	*-0.55*	
		For Schedule 80 Nipples, Add	*4.17*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*13.07*	
22 11 16 00-0234	EA	1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	12.87	6.93
		For ASTM 120, Deduct	*-0.37*	
		For Schedule 80 Nipples, Add	*2.78*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*8.92*	
22 11 16 00-0235	EA	3/4" x 10" Long, Schedule 40 Galvanized Steel Nipple	13.34	6.93
		For ASTM 120, Deduct	*-0.44*	
		For Schedule 80 Nipples, Add	*3.32*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*10.52*	
22 11 16 00-0236	EA	1" x 10" Long, Schedule 40 Galvanized Steel Nipple	15.03	7.52
		For ASTM 120, Deduct	*-0.57*	
		For Schedule 80 Nipples, Add	*4.33*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*13.59*	
22 11 16 00-0237	EA	1-1/4" x 10" Long, Schedule 40 Galvanized Steel Nipple	17.04	8.10
		For ASTM 120, Deduct	*-0.73*	
		For Schedule 80 Nipples, Add	*5.55*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*17.29*	
22 11 16 00-0238	EA	1-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	17.62	8.10
		For ASTM 120, Deduct	*-0.82*	
		For Schedule 80 Nipples, Add	*6.21*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*19.26*	
22 11 16 00-0239	EA	2" x 10" Long, Schedule 40 Galvanized Steel Nipple	23.67	10.44
		For ASTM 120, Deduct	*-1.20*	
		For Schedule 80 Nipples, Add	*9.09*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*28.04*	
22 11 16 00-0240	EA	2-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	32.77	13.00
		For ASTM 120, Deduct	*-2.00*	
		For Schedule 80 Nipples, Add	*15.17*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*46.42*	
22 11 16 00-0241	EA	3" x 10" Long, Schedule 40 Galvanized Steel Nipple	42.16	15.70
		For ASTM 120, Deduct	*-2.79*	
		For Schedule 80 Nipples, Add	*21.23*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*64.72*	
22 11 16 00-0242	EA	4" x 10" Long, Schedule 40 Galvanized Steel Nipple	51.10	19.01
		For ASTM 120, Deduct	*-3.39*	
		For Schedule 80 Nipples, Add	*25.79*	
		For Work In Restricted Working Space, Add	*8.54*	
		For 300 LB Rating, Add	*78.62*	
22 11 16 00-0243	EA	3/8" x 12" Long, Schedule 40 Galvanized Steel Nipple	14.49	6.93
		For ASTM 120, Deduct	*-0.61*	
		For Schedule 80 Nipples, Add	*4.63*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*14.43*	
22 11 16 00-0244	EA	1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	13.20	6.93
		For ASTM 120, Deduct	*-0.42*	
		For Schedule 80 Nipples, Add	*3.16*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*10.04*	
22 11 16 00-0245	EA	3/4" x 12" Long, Schedule 40 Galvanized Steel Nipple	13.69	6.93
		For ASTM 120, Deduct	*-0.49*	
		For Schedule 80 Nipples, Add	*3.72*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*11.71*	
22 11 16 00-0246	EA	1" x 12" Long, Schedule 40 Galvanized Steel Nipple	15.65	7.52
		For ASTM 120, Deduct	*-0.66*	
		For Schedule 80 Nipples, Add	*5.04*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*15.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0247	EA	1-1/4" x 12" Long, Schedule 40 Galvanized Steel Nipple	18.02	8.10
		For ASTM 120, Deduct	*-0.88*	
		For Schedule 80 Nipples, Add	*6.67*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*20.62*	
22 11 16 00-0248	EA	1-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	18.40	8.10
		For ASTM 120, Deduct	*-0.93*	
		For Schedule 80 Nipples, Add	*7.10*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*21.91*	
22 11 16 00-0249	EA	2" x 12" Long, Schedule 40 Galvanized Steel Nipple	24.85	10.44
		For ASTM 120, Deduct	*-1.37*	
		For Schedule 80 Nipples, Add	*10.43*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*32.05*	
22 11 16 00-0250	EA	2-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	34.35	13.00
		For ASTM 120, Deduct	*-2.23*	
		For Schedule 80 Nipples, Add	*16.97*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*51.79*	
22 11 16 00-0251	EA	3" x 12" Long, Schedule 40 Galvanized Steel Nipple	44.47	15.70
		For ASTM 120, Deduct	*-3.14*	
		For Schedule 80 Nipples, Add	*23.86*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*72.57*	
22 11 16 00-0252	EA	4" x 12" Long, Schedule 40 Galvanized Steel Nipple	54.23	19.01
		For ASTM 120, Deduct	*-3.86*	
		For Schedule 80 Nipples, Add	*29.36*	
		For Work In Restricted Working Space, Add	*8.54*	
		For 300 LB Rating, Add	*89.26*	

22 11 16 00-0253 Galvanized Malleable Iron Square Head Plugs *(22 11 16 00-0013)*

22 11 16 00-0254	EA	1/2", 150 LB, Galvanized Malleable Iron Square Head Plug	10.86	5.18
		For 225 LB Rating, Add	*6.33*	
		For Work In Restricted Working Space, Add	*2.33*	
		For 300 LB Rating, Add	*10.97*	
22 11 16 00-0255	EA	3/4", 150 LB, Galvanized Malleable Iron Square Head Plug	14.33	5.18
		For 225 LB Rating, Add	*13.45*	
		For Work In Restricted Working Space, Add	*2.33*	
		For 300 LB Rating, Add	*22.77*	
22 11 16 00-0256	EA	1", 150 LB, Galvanized Malleable Iron Square Head Plug	18.28	7.89
		For 225 LB Rating, Add	*13.33*	
		For Work In Restricted Working Space, Add	*3.53*	
		For 300 LB Rating, Add	*22.81*	
22 11 16 00-0257	EA	1-1/4", 150 LB, Galvanized Malleable Iron Square Head Plug	19.92	7.89
		For 225 LB Rating, Add	*16.69*	
		For Work In Restricted Working Space, Add	*3.53*	
		For 300 LB Rating, Add	*28.38*	
22 11 16 00-0258	EA	1-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug	22.44	7.89
		For 225 LB Rating, Add	*21.85*	
		For Work In Restricted Working Space, Add	*3.53*	
		For 300 LB Rating, Add	*36.95*	
22 11 16 00-0259	EA	2", 150 LB, Galvanized Malleable Iron Square Head Plug	31.09	10.44
		For 225 LB Rating, Add	*31.55*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*53.27*	
22 11 16 00-0260	EA	2-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug	41.10	13.00
		For 225 LB Rating, Add	*44.36*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*74.74*	
22 11 16 00-0261	EA	3", 150 LB, Galvanized Malleable Iron Square Head Plug	58.36	15.70
		For 225 LB Rating, Add	*71.38*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*119.80*	
22 11 16 00-0262	EA	4", 150 LB, Galvanized Malleable Iron Square Head Plug	69.05	19.01
		For 225 LB Rating, Add	*83.17*	
		For Work In Restricted Working Space, Add	*8.54*	
		For 300 LB Rating, Add	*139.65*	
22 11 16 00-0263	EA	5", 150 LB, Galvanized Malleable Iron Square Head Plug	107.90	23.77
		For 225 LB Rating, Add	*148.22*	
		For Work In Restricted Working Space, Add	*10.68*	
		For 300 LB Rating, Add	*247.96*	
22 11 16 00-0264	EA	6", 150 LB, Galvanized Malleable Iron Square Head Plug	133.77	28.26
		For 225 LB Rating, Add	*187.27*	
		For Work In Restricted Working Space, Add	*12.73*	
		For 300 LB Rating, Add	*313.14*	

22 11 16 00-0265 125 LB, Galvanized Cast Iron Flanges *(22 11 16 00-0013)*

22 11 16 00-0266	EA	1", 125 LB, Galvanized Cast Iron Flange	105.41	32.99
		For Work In Restricted Working Space, Add	*14.85*	
22 11 16 00-0267	EA	1-1/4", 125 LB, Galvanized Cast Iron Flange	115.37	34.16
		For Work In Restricted Working Space, Add	*15.37*	
22 11 16 00-0268	EA	1-1/2", 125 LB, Galvanized Cast Iron Flange	122.91	37.16
		For Work In Restricted Working Space, Add	*16.72*	
22 11 16 00-0269	EA	2", 125 LB, Galvanized Cast Iron Flange	117.24	38.76
		For Work In Restricted Working Space, Add	*17.45*	
22 11 16 00-0270	EA	2-1/2", 125 LB, Galvanized Cast Iron Flange	136.42	44.89
		For Work In Restricted Working Space, Add	*20.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0271	EA	3", 125 LB, Galvanized Cast Iron Flange	169.36	56.94
		For Work In Restricted Working Space, Add	*25.61*	
22 11 16 00-0272	EA	4", 125 LB, Galvanized Cast Iron Flange	228.29	75.96
		For Work In Restricted Working Space, Add	*34.17*	
22 11 16 00-0273	EA	5", 125 LB, Galvanized Cast Iron Flange	271.85	90.42
		For Work In Restricted Working Space, Add	*40.67*	
22 11 16 00-0274	EA	6", 125 LB, Galvanized Cast Iron Flange	321.72	103.87
		For Work In Restricted Working Space, Add	*46.72*	

22 11 16 00-0275 Cut And Thread Existing In-Place Galvanized Steel Pipe *(22 11 16 00-0013)*

Note: For use when connecting pipe to an existing in-place system.

22 11 16 00-0276	EA	1/2", Cut And Thread Existing In Place Galvanized Steel Pipe	23.78	
		For Work In Restricted Working Space, Add	*7.13*	
22 11 16 00-0277	EA	3/4", Cut And Thread Existing In Place Galvanized Steel Pipe	26.17	
		For Work In Restricted Working Space, Add	*7.85*	
22 11 16 00-0278	EA	1", Cut And Thread Existing In Place Galvanized Steel Pipe	28.55	
		For Work In Restricted Working Space, Add	*8.57*	
22 11 16 00-0279	EA	1-1/4", Cut And Thread Existing In Place Galvanized Steel Pipe	30.92	
		For Work In Restricted Working Space, Add	*9.28*	
22 11 16 00-0280	EA	1-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe	32.51	
		For Work In Restricted Working Space, Add	*9.75*	
22 11 16 00-0281	EA	2", Cut And Thread Existing In Place Galvanized Steel Pipe	34.10	
		For Work In Restricted Working Space, Add	*10.23*	
22 11 16 00-0282	EA	2-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe	35.69	
		For Work In Restricted Working Space, Add	*10.71*	
22 11 16 00-0283	EA	3", Cut And Thread Existing In Place Galvanized Steel Pipe	37.27	
		For Work In Restricted Working Space, Add	*11.18*	
22 11 16 00-0284	EA	4", Cut And Thread Existing In Place Galvanized Steel Pipe	38.85	
		For Work In Restricted Working Space, Add	*11.66*	

22 11 16 00-0285 Copper Pipe And Fittings *(22 11 16)*

Note: Excludes hangers. See CSI section 22 11 16 00-0665 for pipe with fittings assembly.

22 11 16 00-0286 Hard Drawn Type L Copper Tube/Pipe *(22 11 16 00-0285)*

Note: Pipe based on inside diameter size. Excludes hangers and fittings (couplers, tees, elbows, etc).

22 11 16 00-0287	LF	1/4" Hard Drawn Type L Copper Tube/Pipe	3.57	1.78
		For Work In Restricted Working Space, Add	*0.80*	
		For Type M Tubing Instead Of Type L, Deduct	*-0.26*	
		For Type K Tubing Instead Of Type L, Add	*0.32*	
		For Type K Oxygen Service Tubing Instead Of Type L, Add	*0.58*	
22 11 16 00-0288	LF	3/8" Hard Drawn Type L Copper Tube/Pipe	4.15	1.85
		For Work In Restricted Working Space, Add	*0.84*	
		For Type M Tubing Instead Of Type L, Deduct	*-0.33*	
		For Type K Tubing Instead Of Type L, Add	*0.42*	
		For Type K Oxygen Service Tubing Instead Of Type L, Add	*0.76*	
22 11 16 00-0289	LF	1/2" Hard Drawn Type L Copper Tube/Pipe	4.58	1.93
		For Work In Restricted Working Space, Add	*0.87*	
		For Type M Tubing Instead Of Type L, Deduct	*-0.38*	
		For Type K Tubing Instead Of Type L, Add	*0.49*	
		For Type K Oxygen Service Tubing Instead Of Type L, Add	*0.88*	
22 11 16 00-0290	LF	3/4" Hard Drawn Type L Copper Tube/Pipe	5.66	2.05
		For Work In Restricted Working Space, Add	*0.92*	
		For Type M Tubing Instead Of Type L, Deduct	*-0.52*	
		For Type K Tubing Instead Of Type L, Add	*0.68*	
		For Type K Oxygen Service Tubing Instead Of Type L, Add	*1.21*	
22 11 16 00-0291	LF	1" Hard Drawn Type L Copper Tube/Pipe	7.17	2.31
		For Work In Restricted Working Space, Add	*1.04*	
		For Type M Tubing Instead Of Type L, Deduct	*-0.69*	
		For Type K Tubing Instead Of Type L, Add	*0.93*	
		For Type K Oxygen Service Tubing Instead Of Type L, Add	*1.64*	
22 11 16 00-0292	LF	1-1/4" Hard Drawn Type L Copper Tube/Pipe	10.35	3.43
		For Work In Restricted Working Space, Add	*1.55*	
		For Type M Tubing Instead Of Type L, Deduct	*-0.99*	
		For Type K Tubing Instead Of Type L, Add	*1.32*	
		For Type K Oxygen Service Tubing Instead Of Type L, Add	*2.34*	
		For DWV Instead Of Type L, Deduct	*-0.62*	
22 11 16 00-0293	LF	1-1/2" Hard Drawn Type L Copper Tube/Pipe	13.06	3.83
		For Work In Restricted Working Space, Add	*1.72*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.31*	
		For Type K Tubing Instead Of Type L, Add	*1.79*	
		For Type K Oxygen Service Tubing Instead Of Type L, Add	*3.14*	
		For DWV Instead Of Type L, Deduct	*-0.88*	
22 11 16 00-0294	LF	2" Hard Drawn Type L Copper Tube/Pipe	22.34	4.72
		For Work In Restricted Working Space, Add	*2.12*	
		For Type M Tubing Instead Of Type L, Deduct	*-2.49*	
		For Type K Tubing Instead Of Type L, Add	*3.48*	
		For Type K Oxygen Service Tubing Instead Of Type L, Add	*6.05*	
		For DWV Instead Of Type L, Deduct	*-1.83*	
22 11 16 00-0295	LF	2-1/2" Hard Drawn Type L Copper Tube/Pipe	38.79	5.90
		For Work In Restricted Working Space, Add	*5.31*	
		For Type M Tubing Instead Of Type L, Deduct	*-3.84*	
		For Type K Tubing Instead Of Type L, Add	*5.21*	
		For Type K Oxygen Service Tubing Instead Of Type L, Add	*9.15*	
		For DWV Instead Of Type L, Deduct	*-2.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0296	LF	3" Hard Drawn Type L Copper Tube/Pipe	45.84	6.55
		For Work In Restricted Working Space, Add	*5.89*	
		For Type M Tubing Instead Of Type L, Deduct	*-4.65*	
		For Type K Tubing Instead Of Type L, Add	*6.35*	
		For Type K Oxygen Service Tubing Instead Of Type L, Add	*11.14*	
		For DWV Instead Of Type L, Deduct	*-3.15*	
22 11 16 00-0297	LF	4" Hard Drawn Type L Copper Tube/Pipe	64.12	7.38
		For Work In Restricted Working Space, Add	*6.64*	
		For Type M Tubing Instead Of Type L, Deduct	*-6.98*	
		For Type K Tubing Instead Of Type L, Add	*9.71*	
		For Type K Oxygen Service Tubing Instead Of Type L, Add	*16.91*	
		For DWV Instead Of Type L, Deduct	*-5.04*	
22 11 16 00-0298	LF	5" Hard Drawn Type L Copper Tube/Pipe	141.70	8.48
		For Work In Restricted Working Space, Add	*7.63*	
		For Type M Tubing Instead Of Type L, Deduct	*-17.55*	
		For Type K Tubing Instead Of Type L, Add	*25.11*	
		For Type K Oxygen Service Tubing Instead Of Type L, Add	*43.24*	
		For DWV Instead Of Type L, Deduct	*-13.95*	
22 11 16 00-0299	LF	6" Hard Drawn Type L Copper Tube/Pipe	171.71	13.15
		For Work In Restricted Working Space, Add	*11.83*	
		For Type M Tubing Instead Of Type L, Deduct	*-20.49*	
		For Type K Tubing Instead Of Type L, Add	*29.09*	
		For Type K Oxygen Service Tubing Instead Of Type L, Add	*50.24*	
		For DWV Instead Of Type L, Deduct	*-15.87*	
22 11 16 00-0300	LF	8" Hard Drawn Type L Copper Tube/Pipe	283.02	14.62
		For Work In Restricted Working Space, Add	*13.15*	
		For Type M Tubing Instead Of Type L, Deduct	*-35.68*	
		For Type K Tubing Instead Of Type L, Add	*51.23*	
		For Type K Oxygen Service Tubing Instead Of Type L, Add	*88.10*	
		For DWV Instead Of Type L, Deduct	*-28.70*	

22 11 16 00-0301 Soft Drawn Type L Copper Tube *(22 11 16 00-0285)*

Note: Pipe based on inside diameter size. Excludes hangers and fittings (couplers, tees, elbows, etc).

22 11 16 00-0302	LF	1/4" Soft Drawn Type L Copper Tube	3.64	0.20
		For Work In Restricted Working Space, Add	*0.80*	
		For Type K Soft Tubing Instead Of Type L, Add	*0.15*	
22 11 16 00-0303	LF	3/8" Soft Drawn Type L Copper Tube	4.31	1.85
		For Work In Restricted Working Space, Add	*0.84*	
		For Type K Soft Tubing Instead Of Type L, Add	*0.24*	
22 11 16 00-0304	LF	1/2" Soft Drawn Type L Copper Tube	4.88	1.93
		For Work In Restricted Working Space, Add	*0.87*	
		For Type K Soft Tubing Instead Of Type L, Add	*0.31*	
22 11 16 00-0305	LF	5/8" Soft Drawn Type L Copper Tube	5.58	2.05
		For Work In Restricted Working Space, Add	*0.92*	
		For Type K Soft Tubing Instead Of Type L, Add	*0.39*	
22 11 16 00-0306	LF	3/4" Soft Drawn Type L Copper Tube	6.10	2.05
		For Work In Restricted Working Space, Add	*0.92*	
		For Type K Soft Tubing Instead Of Type L, Add	*0.47*	
22 11 16 00-0307	LF	1" Soft Drawn Type L Copper Tube	7.80	2.31
		For Work In Restricted Working Space, Add	*1.04*	
		For Type K Soft Tubing Instead Of Type L, Add	*0.68*	
22 11 16 00-0308	LF	1-1/4" Soft Drawn Type L Copper Tube	11.72	3.43
		For Work In Restricted Working Space, Add	*1.55*	
		For Type K Soft Tubing Instead Of Type L, Add	*1.02*	
22 11 16 00-0309	LF	1-1/2" Soft Drawn Type L Copper Tube	14.17	3.83
		For Work In Restricted Working Space, Add	*1.72*	
		For Type K Soft Tubing Instead Of Type L, Add	*1.32*	
22 11 16 00-0310	LF	2" Soft Drawn Type L Copper Tube	20.87	4.72
		For Work In Restricted Working Space, Add	*2.12*	
		For Type K Soft Tubing Instead Of Type L, Add	*2.15*	

22 11 16 00-0311 Copper And Brass Fittings *(22 11 16 00-0285)*

Note: All fittings are based on 95/5 solder.

22 11 16 00-0312 90 Degree Copper And Brass Elbows *(22 11 16 00-0311)*

22 11 16 00-0313	EA	1/4" Or 3/8" 90 Degree Copper Elbow	18.27	10.54
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.71*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.38*	
		For Street Fitting, Add	*0.96*	
		For Work In Restricted Working Space, Add	*4.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.50*	
22 11 16 00-0314	EA	1/2" 90 Degree Copper Elbow	27.00	17.44
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.66*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.93*	
		For Street Fitting, Add	*0.33*	
		For Work In Restricted Working Space, Add	*7.85*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.97*	
22 11 16 00-0315	EA	3/4" 90 Degree Copper Elbow	34.29	21.73
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.34*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.88*	
		For Street Fitting, Add	*0.71*	
		For Work In Restricted Working Space, Add	*9.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.97*	
22 11 16 00-0316	EA	1" 90 Degree Copper Elbow	43.28	25.93
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.83*	
		For Street Fitting, Add	*1.77*	
		For Work In Restricted Working Space, Add	*11.66*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0317	EA	1-1/4" 90 Degree Copper Elbow	48.73	28.07
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.54*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.30*	
		For Street Fitting, Add	*2.68*	
		For Work In Restricted Working Space, Add	*12.61*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.64*	
22 11 16 00-0318	EA	1-1/2" 90 Degree Copper Elbow	56.43	30.69
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.90*	
		For Street Fitting, Add	*4.18*	
		For Work In Restricted Working Space, Add	*13.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.42*	
22 11 16 00-0319	EA	2" 90 Degree Copper Elbow	70.53	34.42
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.10*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.73*	
		For Street Fitting, Add	*7.59*	
		For Work In Restricted Working Space, Add	*15.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.68*	
22 11 16 00-0320	EA	2-1/2" 90 Degree Copper Elbow	88.74	35.04
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.07*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.88*	
		For Work In Restricted Working Space, Add	*15.77*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.69*	
22 11 16 00-0321	EA	3" 90 Degree Copper Elbow	113.48	41.90
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.81*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.42*	
		For Work In Restricted Working Space, Add	*18.83*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.95*	
22 11 16 00-0322	EA	4" 90 Degree Copper Elbow	218.94	59.42
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.40*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.36*	
		For Work In Restricted Working Space, Add	*26.72*	
		For Silver Solder Instead Of 95/5 Solder, Add	*19.85*	
22 11 16 00-0323	EA	5" 90 Degree Copper Elbow	599.91	81.32
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-36.09*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.29*	
		For Work In Restricted Working Space, Add	*36.57*	
		For Silver Solder Instead Of 95/5 Solder, Add	*42.19*	
22 11 16 00-0324	EA	6" 90 Degree Copper Elbow	845.10	118.33
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-51.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*26.61*	
		For Work In Restricted Working Space, Add	*53.21*	
		For Silver Solder Instead Of 95/5 Solder, Add	*59.99*	
22 11 16 00-0325	EA	8" 90 Degree Copper Elbow	1,671.69	157.75
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-95.41*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*35.48*	
		For Work In Restricted Working Space, Add	*70.95*	
		For Silver Solder Instead Of 95/5 Solder, Add	*107.24*	
22 11 16 00-0326	EA	1/2" Drop Ear 90 Degree Brass Elbow	31.79	17.44
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.90*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.93*	
		For Work In Restricted Working Space, Add	*7.85*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.21*	
22 11 16 00-0327	EA	3/4" Drop Ear 90 Degree Brass Elbow	38.13	21.73
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.53*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.88*	
		For Work In Restricted Working Space, Add	*9.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.16*	
22 11 16 00-0328	EA	1" Drop Ear 90 Degree Brass Elbow	55.02	25.93
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.69*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.83*	
		For Work In Restricted Working Space, Add	*11.66*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.64*	
22 11 16 00-0329	EA	1/2" Flanged Sink 90 Degree Brass Elbow	31.32	17.44
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.87*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.93*	
		For Work In Restricted Working Space, Add	*7.85*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.18*	
22 11 16 00-0330	EA	3/4" Flanged Sink 90 Degree Brass Elbow	43.02	21.73
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.78*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.88*	
		For Work In Restricted Working Space, Add	*9.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.40*	

22 11 16 00-0331 45 Degree Copper Elbows *(22 11 16 00-0311)*

22 11 16 00-0332	EA	1/4" Or 3/8" 45 Degree Copper Elbow	19.70	10.54
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.78*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.38*	
		For Street Fitting, Add	*1.54*	
		For Work In Restricted Working Space, Add	*4.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.57*	
22 11 16 00-0333	EA	1/2" 45 Degree Copper Elbow	27.64	17.44
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.69*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.93*	
		For Street Fitting, Add	*0.59*	
		For Work In Restricted Working Space, Add	*7.85*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0334	EA	3/4" 45 Degree Copper Elbow	35.08	21.73
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.38*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.88*	
		For Street Fitting, Add	*1.03*	
		For Work In Restricted Working Space, Add	*9.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.01*	
22 11 16 00-0335	EA	1" 45 Degree Copper Elbow	45.33	25.93
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.21*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.83*	
		For Street Fitting, Add	*2.59*	
		For Work In Restricted Working Space, Add	*11.66*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.15*	
22 11 16 00-0336	EA	1-1/4" 45 Degree Copper Elbow	50.79	28.07
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.64*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.30*	
		For Street Fitting, Add	*3.50*	
		For Work In Restricted Working Space, Add	*12.61*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.74*	
22 11 16 00-0337	EA	1-1/2" 45 Degree Copper Elbow	56.51	30.69
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.13*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.90*	
		For Street Fitting, Add	*4.21*	
		For Work In Restricted Working Space, Add	*13.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.42*	
22 11 16 00-0338	EA	2" 45 Degree Copper Elbow	69.18	34.42
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.04*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.73*	
		For Work In Restricted Working Space, Add	*15.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.61*	
22 11 16 00-0339	EA	2-1/2" 45 Degree Copper Elbow	90.09	35.04
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.13*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.88*	
		For Work In Restricted Working Space, Add	*15.77*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.76*	
22 11 16 00-0340	EA	3" 45 Degree Copper Elbow	118.45	41.90
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.06*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.42*	
		For Work In Restricted Working Space, Add	*18.83*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.20*	
22 11 16 00-0341	EA	4" 45 Degree Copper Elbow	207.69	59.42
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.84*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.36*	
		For Work In Restricted Working Space, Add	*26.72*	
		For Silver Solder Instead Of 95/5 Solder, Add	*19.29*	
22 11 16 00-0342	EA	5" 45 Degree Copper Elbow	580.49	81.32
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-35.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.29*	
		For Work In Restricted Working Space, Add	*36.57*	
		For Silver Solder Instead Of 95/5 Solder, Add	*41.21*	
22 11 16 00-0343	EA	6" 45 Degree Copper Elbow	866.01	118.33
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-52.17*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*26.61*	
		For Work In Restricted Working Space, Add	*53.21*	
		For Silver Solder Instead Of 95/5 Solder, Add	*61.04*	
22 11 16 00-0344	EA	8" 45 Degree Copper Elbow	1,522.81	157.75
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-87.97*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*35.48*	
		For Work In Restricted Working Space, Add	*70.95*	
		For Silver Solder Instead Of 95/5 Solder, Add	*99.79*	

22 11 16 00-0345 Straight Copper And Brass Tees *(22 11 16 00-0311)*

22 11 16 00-0346	EA	1/4" Straight Copper Tee	24.34	12.69
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.17*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.85*	
		For Work In Restricted Working Space, Add	*5.71*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.12*	
22 11 16 00-0347	EA	3/8" Straight Copper Tee	32.64	19.03
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.06*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.28*	
		For Work In Restricted Working Space, Add	*8.57*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.49*	
22 11 16 00-0348	EA	1/2" Straight Copper Tee	40.99	26.48
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.03*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.95*	
		For Work In Restricted Working Space, Add	*11.89*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.01*	
22 11 16 00-0349	EA	3/4" Straight Copper Tee	52.48	32.83
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.08*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.37*	
		For Work In Restricted Working Space, Add	*14.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.54*	
22 11 16 00-0350	EA	1" Straight Copper Tee	68.89	39.17
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.38*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.80*	
		For Work In Restricted Working Space, Add	*17.60*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0351	EA	1-1/4" Straight Copper Tee	78.94	42.34
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.52*	
		For Work In Restricted Working Space, Add	*19.03*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.29*	
22 11 16 00-0352	EA	1-1/2" Straight Copper Tee	90.50	45.99
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.97*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.35*	
		For Work In Restricted Working Space, Add	*20.70*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.42*	
22 11 16 00-0353	EA	2" Straight Copper Tee	111.24	51.86
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.66*	
		For Work In Restricted Working Space, Add	*23.31*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.33*	
22 11 16 00-0354	EA	2-1/2" Straight Copper Tee	146.53	52.56
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.27*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.82*	
		For Work In Restricted Working Space, Add	*23.65*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.21*	
22 11 16 00-0355	EA	3" Straight Copper Tee	198.17	63.29
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.65*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.23*	
		For Work In Restricted Working Space, Add	*28.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*19.40*	
22 11 16 00-0356	EA	4" Straight Copper Tee	382.31	88.62
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-25.76*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.93*	
		For Work In Restricted Working Space, Add	*39.86*	
		For Silver Solder Instead Of 95/5 Solder, Add	*32.40*	
22 11 16 00-0357	EA	5" Straight Copper Tee	958.52	121.25
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-57.01*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*27.26*	
		For Work In Restricted Working Space, Add	*54.53*	
		For Silver Solder Instead Of 95/5 Solder, Add	*66.10*	
22 11 16 00-0358	EA	6" Straight Copper Tee	1,328.50	177.75
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-79.75*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*39.96*	
		For Work In Restricted Working Space, Add	*79.93*	
		For Silver Solder Instead Of 95/5 Solder, Add	*93.07*	
22 11 16 00-0359	EA	8" Straight Copper Tee	2,636.91	236.65
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-149.58*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*53.21*	
		For Work In Restricted Working Space, Add	*106.43*	
		For Silver Solder Instead Of 95/5 Solder, Add	*167.32*	
22 11 16 00-0360	EA	1/2" Drop Ear Brass Tee	44.66	26.48
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.22*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.95*	
		For Work In Restricted Working Space, Add	*11.89*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.20*	

22 11 16 00-0361 Reducing Copper Tees *(22 11 16 00-0311)*

22 11 16 00-0362	EA	3/8" Reducing Copper Tee	33.45	16.89
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.94*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.81*	
		For Work In Restricted Working Space, Add	*7.61*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.21*	
22 11 16 00-0363	EA	1/2" Reducing Copper Tee	42.72	23.78
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.92*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.35*	
		For Work In Restricted Working Space, Add	*10.71*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.71*	
22 11 16 00-0364	EA	3/4" Reducing Copper Tee	49.21	30.69
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.76*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.90*	
		For Work In Restricted Working Space, Add	*13.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.06*	
22 11 16 00-0365	EA	1" Reducing Copper Tee	65.71	37.03
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.06*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.33*	
		For Work In Restricted Working Space, Add	*16.65*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.84*	
22 11 16 00-0366	EA	1-1/4" Reducing Copper Tee	75.35	40.20
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.78*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.04*	
		For Work In Restricted Working Space, Add	*18.08*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.79*	
22 11 16 00-0367	EA	1-1/2" Reducing Copper Tee	81.84	43.93
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.38*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.87*	
		For Work In Restricted Working Space, Add	*19.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.67*	
22 11 16 00-0368	EA	2" Reducing Copper Tee	99.05	49.16
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.64*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.06*	
		For Work In Restricted Working Space, Add	*22.12*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0369	EA	2-1/2" Reducing Copper Tee	154.79	50.66
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.54*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.39*	
		For Work In Restricted Working Space, Add	*22.77*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.33*	
22 11 16 00-0370	EA	3" Reducing Copper Tee	174.45	58.39
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.10*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.14*	
		For Work In Restricted Working Space, Add	*26.28*	
		For Silver Solder Instead Of 95/5 Solder, Add	*17.48*	

22 11 16 00-0371 Copper Couplings *(22 11 16 00-0311)*

22 11 16 00-0372	EA	1/4" Copper Coupling	13.29	8.49
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.30*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.90*	
		For Work In Restricted Working Space, Add	*3.81*	
		For Silver Solder Instead Of 95/5 Solder, Add	*1.93*	
22 11 16 00-0373	EA	3/8" Copper Coupling	19.82	12.69
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.94*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.85*	
		For Work In Restricted Working Space, Add	*5.71*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.89*	
22 11 16 00-0374	EA	1/2" Copper Coupling	26.94	17.44
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.66*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.93*	
		For Work In Restricted Working Space, Add	*7.85*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.96*	
22 11 16 00-0375	EA	3/4" Copper Coupling	33.71	21.73
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.31*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.88*	
		For Work In Restricted Working Space, Add	*9.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.94*	
22 11 16 00-0376	EA	1" Copper Coupling	41.33	25.93
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.01*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.83*	
		For Work In Restricted Working Space, Add	*11.66*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.95*	
22 11 16 00-0377	EA	1-1/4" Copper Coupling	46.37	28.07
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.42*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.30*	
		For Work In Restricted Working Space, Add	*12.61*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.52*	
22 11 16 00-0378	EA	1-1/2" Copper Coupling	51.72	30.69
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.89*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.90*	
		For Work In Restricted Working Space, Add	*13.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.19*	
22 11 16 00-0379	EA	2" Copper Coupling	61.07	34.10
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.63*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.73*	
		For Work In Restricted Working Space, Add	*15.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.21*	
22 11 16 00-0380	EA	2-1/2" Copper Coupling	69.89	33.14
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.98*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.45*	
		For Work In Restricted Working Space, Add	*14.89*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.46*	
22 11 16 00-0381	EA	3" Copper Coupling	90.29	40.15
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.51*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.98*	
		For Work In Restricted Working Space, Add	*17.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.50*	
22 11 16 00-0382	EA	4" Copper Coupling	141.12	54.02
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.07*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.04*	
		For Work In Restricted Working Space, Add	*24.09*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.09*	
22 11 16 00-0383	EA	5" Copper Coupling	251.65	98.54
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-18.06*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.42*	
		For Work In Restricted Working Space, Add	*32.85*	
		For Silver Solder Instead Of 95/5 Solder, Add	*23.53*	
22 11 16 00-0384	EA	6" Copper Coupling	383.16	107.08
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-27.19*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*24.09*	
		For Work In Restricted Working Space, Add	*48.18*	
		For Silver Solder Instead Of 95/5 Solder, Add	*35.22*	
22 11 16 00-0385	EA	8" Copper Coupling	613.56	141.98
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-41.34*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*31.97*	
		For Work In Restricted Working Space, Add	*63.95*	
		For Silver Solder Instead Of 95/5 Solder, Add	*51.99*	

22 11 16 00-0386 Reducing Copper Couplings *(22 11 16 00-0311)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0387	EA	3/8" Reducing Copper Coupling	17.62	10.54
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.67*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.38*	
		For Work In Restricted Working Space, Add	*4.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.47*	
22 11 16 00-0388	EA	1/2" Reducing Copper Coupling	24.05	15.06
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.33*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.39*	
		For Work In Restricted Working Space, Add	*6.78*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.46*	
22 11 16 00-0389	EA	3/4" Reducing Copper Coupling	31.54	19.59
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.04*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.40*	
		For Work In Restricted Working Space, Add	*8.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.51*	
22 11 16 00-0390	EA	1" Reducing Copper Coupling	39.22	23.78
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.75*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.35*	
		For Work In Restricted Working Space, Add	*10.71*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.53*	
22 11 16 00-0391	EA	1-1/4" Reducing Copper Coupling	46.54	26.96
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.35*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.07*	
		For Work In Restricted Working Space, Add	*12.13*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.37*	
22 11 16 00-0392	EA	1-1/2" Reducing Copper Coupling	52.05	29.34
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.80*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.60*	
		For Work In Restricted Working Space, Add	*13.20*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.00*	
22 11 16 00-0393	EA	2" Reducing Copper Coupling	63.85	32.51
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.63*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.32*	
		For Work In Restricted Working Space, Add	*14.63*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.07*	
22 11 16 00-0394	EA	2-1/2" Reducing Copper Coupling	80.64	33.36
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.53*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.50*	
		For Work In Restricted Working Space, Add	*15.00*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.03*	
22 11 16 00-0395	EA	3" Reducing Copper Coupling	96.86	38.69
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.73*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.65*	
		For Work In Restricted Working Space, Add	*17.30*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.61*	
22 11 16 00-0396	EA	4" Reducing Copper Coupling	152.86	50.66
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.44*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.39*	
		For Work In Restricted Working Space, Add	*22.77*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.23*	
22 11 16 00-0397	EA	5" Reducing Copper Coupling	267.66	70.58
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-18.68*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.88*	
		For Work In Restricted Working Space, Add	*31.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*23.97*	
22 11 16 00-0398	EA	6" Reducing Copper Coupling	418.27	94.89
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-28.03*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.35*	
		For Work In Restricted Working Space, Add	*42.70*	
		For Silver Solder Instead Of 95/5 Solder, Add	*35.15*	
22 11 16 00-0399	EA	8" Reducing Copper Coupling	661.65	138.27
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-43.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*31.10*	
		For Work In Restricted Working Space, Add	*62.19*	
		For Silver Solder Instead Of 95/5 Solder, Add	*53.81*	

22 11 16 00-0400 Male Copper Adapters *(22 11 16 00-0311)*

22 11 16 00-0401	EA	1/4" Male Copper Adapter	21.77	10.31
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.88*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.38*	
		For Work In Restricted Working Space, Add	*4.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.67*	
22 11 16 00-0402	EA	3/8" Male Copper Adapter	23.18	12.69
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.85*	
		For Work In Restricted Working Space, Add	*5.71*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.06*	
22 11 16 00-0403	EA	1/2" Male Copper Adapter	25.48	15.86
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.46*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.57*	
		For Work In Restricted Working Space, Add	*7.13*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.65*	
22 11 16 00-0404	EA	3/4" Male Copper Adapter	32.14	19.83
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.07*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.40*	
		For Work In Restricted Working Space, Add	*8.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0405	EA	1" Male Copper Adapter	41.40	23.00
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.78*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.12*	
		For Work In Restricted Working Space, Add	*10.23*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.48*	
22 11 16 00-0406	EA	1-1/4" Male Copper Adapter	50.39	26.17
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.50*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.95*	
		For Work In Restricted Working Space, Add	*11.89*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.48*	
22 11 16 00-0407	EA	1-1/2" Male Copper Adapter	57.54	30.13
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.14*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.78*	
		For Work In Restricted Working Space, Add	*13.56*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.40*	
22 11 16 00-0408	EA	2" Male Copper Adapter	78.80	38.46
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.68*	
		For Work In Restricted Working Space, Add	*17.37*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.73*	
22 11 16 00-0409	EA	2-1/2" Male Copper Adapter	141.26	49.96
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.79*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.18*	
		For Work In Restricted Working Space, Add	*22.36*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.52*	

22 11 16 00-0410 Female Copper Adapters *(22 11 16 00-0311)*

22 11 16 00-0411	EA	3/8" Female Copper Adapter	24.61	12.69
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.18*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.85*	
		For Work In Restricted Working Space, Add	*5.71*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.13*	
22 11 16 00-0412	EA	1/2" Female Copper Adapter	26.44	15.86
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.51*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.57*	
		For Work In Restricted Working Space, Add	*7.13*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.70*	
22 11 16 00-0413	EA	3/4" Female Copper Adapter	32.99	19.83
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.40*	
		For Work In Restricted Working Space, Add	*8.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.58*	
22 11 16 00-0414	EA	1" Female Copper Adapter	42.56	23.00
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.12*	
		For Work In Restricted Working Space, Add	*10.23*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.54*	
22 11 16 00-0415	EA	1-1/4" Female Copper Adapter	51.98	26.17
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.58*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.95*	
		For Work In Restricted Working Space, Add	*11.89*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.56*	
22 11 16 00-0416	EA	1-1/2" Female Copper Adapter	64.56	30.13
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.49*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.78*	
		For Work In Restricted Working Space, Add	*13.56*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.75*	
22 11 16 00-0417	EA	2" Female Copper Adapter	84.13	38.46
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.10*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.68*	
		For Work In Restricted Working Space, Add	*17.37*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.00*	
22 11 16 00-0418	EA	2-1/2" Female Copper Adapter	148.23	45.99
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.84*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.29*	
		For Work In Restricted Working Space, Add	*20.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.27*	
22 11 16 00-0419	EA	3" Female Copper Adapter	213.81	66.61
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.65*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.89*	
		For Work In Restricted Working Space, Add	*29.78*	
		For Silver Solder Instead Of 95/5 Solder, Add	*20.62*	

22 11 16 00-0420 Copper To Copper Unions *(22 11 16 00-0311)*

22 11 16 00-0421	EA	1/4" Or 3/8" Copper To Copper Union	30.63	15.31
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.68*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.45*	
		For Work In Restricted Working Space, Add	*6.90*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.83*	
22 11 16 00-0422	EA	1/2" Copper To Copper Union	33.76	19.03
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.28*	
		For Work In Restricted Working Space, Add	*8.57*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0423	EA	3/4" Copper To Copper Union	39.34	21.73
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.59*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.88*	
		For Work In Restricted Working Space, Add	*9.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.22*	
22 11 16 00-0424	EA	1" Copper To Copper Union	50.75	25.93
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.48*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.83*	
		For Work In Restricted Working Space, Add	*11.66*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.42*	
22 11 16 00-0425	EA	1-1/4" Copper To Copper Union	62.11	28.55
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.25*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.42*	
		For Work In Restricted Working Space, Add	*12.85*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.39*	
22 11 16 00-0426	EA	1-1/2" Copper To Copper Union	75.51	31.72
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.15*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.14*	
		For Work In Restricted Working Space, Add	*14.27*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.53*	
22 11 16 00-0427	EA	2" Copper To Copper Union	104.06	38.06
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.06*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.56*	
		For Work In Restricted Working Space, Add	*17.13*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.91*	
22 11 16 00-0428	EA	2-1/2" Copper To Copper Union	185.76	41.90
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.43*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.42*	
		For Work In Restricted Working Space, Add	*18.83*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.57*	
22 11 16 00-0429	EA	3" Copper To Copper Union	407.05	59.42
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-24.81*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.36*	
		For Work In Restricted Working Space, Add	*26.72*	
		For Silver Solder Instead Of 95/5 Solder, Add	*29.26*	

22 11 16 00-0430 Copper Caps *(22 11 16 00-0311)*

22 11 16 00-0431	EA	1/4" Or 3/8" Copper Cap	3.95	2.00
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.35*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*0.45*	
		For Work In Restricted Working Space, Add	*0.89*	
		For Silver Solder Instead Of 95/5 Solder, Add	*0.49*	
22 11 16 00-0432	EA	1/2" Copper Cap	3.95	2.28
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.37*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*0.51*	
		For Work In Restricted Working Space, Add	*1.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*0.53*	
22 11 16 00-0433	EA	3/4" Copper Cap	5.24	2.85
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*0.63*	
		For Work In Restricted Working Space, Add	*1.27*	
		For Silver Solder Instead Of 95/5 Solder, Add	*0.68*	
22 11 16 00-0434	EA	1" Copper Cap	7.81	3.61
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.66*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*0.80*	
		For Work In Restricted Working Space, Add	*1.61*	
		For Silver Solder Instead Of 95/5 Solder, Add	*0.93*	
22 11 16 00-0435	EA	1-1/4" Copper Cap	10.77	4.95
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.91*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.10*	
		For Work In Restricted Working Space, Add	*2.20*	
		For Silver Solder Instead Of 95/5 Solder, Add	*1.27*	
22 11 16 00-0436	EA	1-1/2" Copper Cap	13.66	5.82
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.29*	
		For Work In Restricted Working Space, Add	*2.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*1.55*	
22 11 16 00-0437	EA	2" Copper Cap	28.47	12.96
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.38*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.88*	
		For Work In Restricted Working Space, Add	*5.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.34*	
22 11 16 00-0438	EA	2-1/2" Copper Cap	58.91	19.71
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.41*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.38*	
		For Work In Restricted Working Space, Add	*8.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.87*	
22 11 16 00-0439	EA	3" Copper Cap	79.05	25.87
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.87*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.75*	
		For Work In Restricted Working Space, Add	*11.50*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.78*	
22 11 16 00-0440	EA	4" Copper Cap	122.47	30.80
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.40*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.84*	
		For Work In Restricted Working Space, Add	*13.69*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0441	EA	6" Copper Cap	420.08	54.75
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-25.06*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.17*	
		For Work In Restricted Working Space, Add	*24.33*	
		For Silver Solder Instead Of 95/5 Solder, Add	*29.11*	
22 11 16 00-0442	EA	8" Copper Cap	747.25	78.83
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-43.20*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.52*	
		For Work In Restricted Working Space, Add	*35.04*	
		For Silver Solder Instead Of 95/5 Solder, Add	*49.04*	

22 11 16 00-0443 Copper Crosses *(22 11 16 00-0311)*

22 11 16 00-0444	EA	1/2" Copper Cross	66.47	38.98
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.24*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.76*	
		For Work In Restricted Working Space, Add	*17.52*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.16*	
22 11 16 00-0445	EA	3/4" Copper Cross	77.70	41.39
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.99*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.31*	
		For Work In Restricted Working Space, Add	*18.62*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.09*	
22 11 16 00-0446	EA	1" Copper Cross	99.58	48.69
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.63*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.95*	
		For Work In Restricted Working Space, Add	*21.90*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.28*	
22 11 16 00-0447	EA	1-1/4" Copper Cross	115.14	52.56
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.82*	
		For Work In Restricted Working Space, Add	*23.65*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.64*	
22 11 16 00-0448	EA	1-1/2" Copper Cross	145.90	60.88
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.86*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.69*	
		For Work In Restricted Working Space, Add	*27.38*	
		For Silver Solder Instead Of 95/5 Solder, Add	*16.42*	
22 11 16 00-0449	EA	2" Copper Cross	207.72	70.58
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.68*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.88*	
		For Work In Restricted Working Space, Add	*31.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*20.97*	
22 11 16 00-0450	EA	2-1/2" Copper Cross	377.04	119.27
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-27.79*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*26.83*	
		For Work In Restricted Working Space, Add	*53.65*	
		For Silver Solder Instead Of 95/5 Solder, Add	*36.74*	
22 11 16 00-0451	EA	3" Copper Cross	528.44	141.18
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-37.01*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*31.75*	
		For Work In Restricted Working Space, Add	*63.50*	
		For Silver Solder Instead Of 95/5 Solder, Add	*47.59*	
22 11 16 00-0452	EA	4" Copper Cross	1,248.47	165.56
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-74.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*37.23*	
		For Work In Restricted Working Space, Add	*74.46*	
		For Silver Solder Instead Of 95/5 Solder, Add	*87.24*	
22 11 16 00-0453	EA	5" Copper Cross	3,455.61	208.04
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-188.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*45.99*	
		For Work In Restricted Working Space, Add	*91.97*	
		For Silver Solder Instead Of 95/5 Solder, Add	*203.44*	
22 11 16 00-0454	EA	6" Copper Cross	3,810.39	243.44
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-208.77*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*54.75*	
		For Work In Restricted Working Space, Add	*109.49*	
		For Silver Solder Instead Of 95/5 Solder, Add	*227.02*	

22 11 16 00-0455 Crimped Copper Fittings *(22 11 16 00-0285)*

Note: Viega ProPress type. Includes factory installed EPDM sealing elements.

22 11 16 00-0456 Crimped Copper 90 Degree Elbows *(22 11 16 00-0455)*

22 11 16 00-0457	EA	1/2" Crimped Copper 90 Degree Elbow	14.93	9.52
22 11 16 00-0458	EA	3/4" Crimped Copper 90 Degree Elbow	17.37	10.87
22 11 16 00-0459	EA	1" Crimped Copper 90 Degree Elbow	21.66	12.93
22 11 16 00-0460	EA	1-1/4" Crimped Copper 90 Degree Elbow	25.92	14.27
22 11 16 00-0461	EA	1-1/2" Crimped Copper 90 Degree Elbow	32.33	15.86
22 11 16 00-0462	EA	2" Crimped Copper 90 Degree Elbow	40.43	19.03
22 11 16 00-0463	EA	2-1/2" Crimped Copper 90 Degree Elbow	67.81	22.20
22 11 16 00-0464	EA	3" Crimped Copper 90 Degree Elbow	83.05	26.40
22 11 16 00-0465	EA	4" Crimped Copper 90 Degree Elbow	106.04	34.89

22 11 16 00-0466 Crimped Copper 45 Degree Elbows *(22 11 16 00-0455)*

22 11 16 00-0467	EA	1/2" Crimped Copper 45 Degree Elbow	15.04	9.52
22 11 16 00-0468	EA	3/4" Crimped Copper 45 Degree Elbow	17.19	10.87
22 11 16 00-0469	EA	1" Crimped Copper 45 Degree Elbow	22.45	12.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0470	EA	1-1/4" Crimped Copper 45 Degree Elbow	25.75	14.27
22 11 16 00-0471	EA	1-1/2" Crimped Copper 45 Degree Elbow	30.82	15.86
22 11 16 00-0472	EA	2" Crimped Copper 45 Degree Elbow	38.39	19.03
22 11 16 00-0473	EA	2-1/2" Crimped Copper 45 Degree Elbow	56.09	22.20
22 11 16 00-0474	EA	3" Crimped Copper 45 Degree Elbow	72.20	26.40
22 11 16 00-0475	EA	4" Crimped Copper 45 Degree Elbow	97.56	34.89

22 11 16 00-0476 Crimped Copper Straight Tees *(22 11 16 00-0455)*

22 11 16 00-0477	EA	1/2" Crimped Copper Straight Tee	22.42	14.27
22 11 16 00-0478	EA	3/4" Crimped Copper Straight Tee	29.92	18.79
22 11 16 00-0479	EA	1" Crimped Copper Straight Tee	34.53	20.85
22 11 16 00-0480	EA	1-1/4" Crimped Copper Straight Tee	37.52	21.41
22 11 16 00-0481	EA	1-1/2" Crimped Copper Straight Tee	46.99	24.35
22 11 16 00-0482	EA	2" Crimped Copper Straight Tee	55.82	28.55
22 11 16 00-0483	EA	2-1/2" Crimped Copper Straight Tee	92.59	33.30
22 11 16 00-0484	EA	3" Crimped Copper Straight Tee	112.76	39.64
22 11 16 00-0485	EA	4" Crimped Copper Straight Tee	153.27	52.33

22 11 16 00-0486 Crimped Copper Reducing Tees *(22 11 16 00-0455)*

22 11 16 00-0487	EA	3/4" Crimped Copper Reducing Tee	23.12	13.56
22 11 16 00-0488	EA	1" Crimped Copper Reducing Tee	31.59	17.84
22 11 16 00-0489	EA	1-1/4" Crimped Copper Reducing Tee	34.69	19.83
22 11 16 00-0490	EA	1-1/2" Crimped Copper Reducing Tee	39.87	20.38
22 11 16 00-0491	EA	2" Crimped Copper Reducing Tee	46.46	23.08
22 11 16 00-0492	EA	2-1/2" Crimped Copper Reducing Tee	89.72	26.17
22 11 16 00-0493	EA	3" Crimped Copper Reducing Tee	108.89	31.72
22 11 16 00-0494	EA	4" Crimped Copper Reducing Tee	133.19	42.26

22 11 16 00-0495 Crimped Copper Couplings *(22 11 16 00-0455)*

22 11 16 00-0496	EA	1/2" Crimped Copper Coupling	14.86	9.52
22 11 16 00-0497	EA	3/4" Crimped Copper Coupling	17.15	10.87
22 11 16 00-0498	EA	1" Crimped Copper Coupling	21.24	12.93
22 11 16 00-0499	EA	1-1/4" Crimped Copper Coupling	23.67	14.27
22 11 16 00-0500	EA	1-1/2" Crimped Copper Coupling	27.99	15.86
22 11 16 00-0501	EA	2" Crimped Copper Coupling	33.92	19.03
22 11 16 00-0502	EA	2-1/2" Crimped Copper Coupling	50.49	22.20
22 11 16 00-0503	EA	3" Crimped Copper Coupling	61.53	26.40
22 11 16 00-0504	EA	4" Crimped Copper Coupling	82.72	34.89

22 11 16 00-0505 Crimped Copper Reducing Couplings *(22 11 16 00-0455)*

22 11 16 00-0506	EA	3/4" Crimped Copper Reducing Coupling	16.26	9.04
22 11 16 00-0507	EA	1" Crimped Copper Reducing Coupling	18.56	10.31
22 11 16 00-0508	EA	1-1/4" Crimped Copper Reducing Coupling	22.97	12.29
22 11 16 00-0509	EA	1-1/2" Crimped Copper Reducing Coupling	27.00	13.56
22 11 16 00-0510	EA	2" Crimped Copper Reducing Coupling	30.05	15.06
22 11 16 00-0511	EA	2-1/2" Crimped Copper FTG x C Reducing Coupling	47.26	18.00
22 11 16 00-0512	EA	3" Crimped Copper FTG x C Reducing Coupling	57.61	21.18
22 11 16 00-0513	EA	4" Crimped Copper FTG x C Reducing Coupling	75.44	27.99

22 11 16 00-0514 Crimped Copper Male Adapters *(22 11 16 00-0455)*

22 11 16 00-0515	EA	1/2" Crimped Copper Male Adapter	14.99	9.52
22 11 16 00-0516	EA	3/4" Crimped Copper Male Adapter	17.56	10.87
22 11 16 00-0517	EA	1" Crimped Copper Male Adapter	21.83	12.93
22 11 16 00-0518	EA	1-1/4" Crimped Copper Male Adapter	26.69	14.27
22 11 16 00-0519	EA	1-1/2" Crimped Copper Male Adapter	31.19	15.86
22 11 16 00-0520	EA	2" Crimped Copper Male Adapter	42.82	19.03
22 11 16 00-0521	EA	2-1/2" Crimped Copper Male Adapter	67.81	22.20
22 11 16 00-0522	EA	3" Crimped Copper Male Adapter	83.05	26.40
22 11 16 00-0523	EA	4" Crimped Copper Male Adapter	102.58	34.89

22 11 16 00-0524 Crimped Copper Female Adapters *(22 11 16 00-0455)*

22 11 16 00-0525	EA	1/2" Crimped Copper Female Adapter	15.15	9.52
22 11 16 00-0526	EA	3/4" Crimped Copper Female Adapter	17.68	10.87
22 11 16 00-0527	EA	1" Crimped Copper Female Adapter	22.05	12.93
22 11 16 00-0528	EA	1-1/4" Crimped Copper Female Adapter	27.35	14.27
22 11 16 00-0529	EA	1-1/2" Crimped Copper Female Adapter	32.42	15.86
22 11 16 00-0530	EA	2" Crimped Copper Female Adapter	43.21	19.03

22 11 16 00-0531 Crimped Copper Caps *(22 11 16 00-0455)*

22 11 16 00-0532	EA	1/2" Crimped Copper Cap	8.41	4.75
22 11 16 00-0533	EA	3/4" Crimped Copper Cap	10.48	5.55
22 11 16 00-0534	EA	1" Crimped Copper Cap	12.83	6.34
22 11 16 00-0535	EA	1-1/4" Crimped Copper Cap	14.45	7.14
22 11 16 00-0536	EA	1-1/2" Crimped Copper Cap	18.10	8.17
22 11 16 00-0537	EA	2" Crimped Copper Cap	21.33	9.52
22 11 16 00-0538	EA	2-1/2" Crimped Copper Cap	39.22	11.10
22 11 16 00-0539	EA	3" Crimped Copper Cap	48.38	13.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0540	EA	4" Crimped Copper Cap	64.22	17.44
22 11 16 00-0541		**C x F NPT Crimped Bronze Unions** *(22 11 16 00-0455)*		
22 11 16 00-0542	EA	1/2" C x F NPT Crimped Bronze Union	23.15	12.93
22 11 16 00-0543	EA	3/4" C x F NPT Crimped Bronze Union	28.65	15.94
22 11 16 00-0544	EA	1" C x F NPT Crimped Bronze Union	36.56	19.11
22 11 16 00-0545	EA	1-1/4" C x F NPT Crimped Bronze Union	43.19	22.04
22 11 16 00-0546	EA	1-1/2" C x F NPT Crimped Bronze Union	48.13	21.57
22 11 16 00-0547	EA	2" C x F NPT Crimped Bronze Union	67.69	31.25
22 11 16 00-0548		**C x C Crimped Bronze Unions** *(22 11 16 00-0455)*		
22 11 16 00-0549	EA	1/2" C x C Bronze Crimped Union	18.92	9.52
22 11 16 00-0550	EA	3/4" C x C Bronze Crimped Union	22.34	10.87
22 11 16 00-0551	EA	1" C x C Bronze Crimped Union	29.15	12.93
22 11 16 00-0552	EA	1-1/4" C x C Bronze Crimped Union	35.30	14.27
22 11 16 00-0553	EA	1-1/2" C x C Bronze Crimped Union	42.65	15.86
22 11 16 00-0554	EA	2" C x C Bronze Crimped Union	59.36	19.03
22 11 16 00-0555		**C x Flange Crimped Bronze Flange** *(22 11 16 00-0455)*		
22 11 16 00-0556	EA	2-1/2" C x Flange Crimped Bronze Flange	99.28	22.20
22 11 16 00-0557	EA	3" C x Flange Crimped Bronze Flange	110.65	26.40
22 11 16 00-0558	EA	4" C x Flange Crimped Bronze Flange	131.83	34.89
22 11 16 00-0559		**Field Installed FKM Seals** *(22 11 16 00-0455)*		
		Note: For vacuum systems. Includes removing factory installed EPDM seal and installing FKM seal.		
22 11 16 00-0560	EA	1/2" Field Installed FKM Seal	3.93	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0561	EA	3/4" Field Installed FKM Seal	4.73	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0562	EA	1" Field Installed FKM Seal	5.41	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0563	EA	1-1/4" Field Installed FKM Seal	6.15	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0564	EA	1-1/2" Field Installed FKM Seal	7.63	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0565	EA	2" Field Installed FKM Seal	8.72	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0566	EA	2-1/2" Field Installed FKM Seal	11.33	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0567	EA	3" Field Installed FKM Seal	13.26	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0568	EA	4" Field Installed FKM Seal	17.77	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0569		**Cut And Prepare Existing In-Place Copper Pipe** *(22 11 16 00-0285)*		
22 11 16 00-0570	EA	Up To 1/2", Cut And Prepare Existing In Place Copper Pipe	7.92	
22 11 16 00-0571	EA	3/4", Cut And Prepare Existing In Place Copper Pipe	8.56	
22 11 16 00-0572	EA	1", Cut And Prepare Existing In Place Copper Pipe	9.64	
22 11 16 00-0573	EA	1-1/4", Cut And Prepare Existing In Place Copper Pipe	10.11	
22 11 16 00-0574	EA	1-1/2", Cut And Prepare Existing In Place Copper Pipe	10.70	
22 11 16 00-0575	EA	2", Cut And Prepare Existing In Place Copper Pipe	11.78	
22 11 16 00-0576	EA	2-1/2", Cut And Prepare Existing In Place Copper Pipe	12.69	
22 11 16 00-0577	EA	3", Cut And Prepare Existing In Place Copper Pipe	14.98	
22 11 16 00-0578	EA	4", Cut And Prepare Existing In Place Copper Pipe	20.22	
22 11 16 00-0579	EA	6", Cut And Prepare Existing In Place Copper Pipe	28.90	
22 11 16 00-0580	EA	8", Cut And Prepare Existing In Place Copper Pipe	38.54	
22 11 16 00-0581		**Sweat Brass Companion Flanges** *(22 11 16 00-0285)*		
22 11 16 00-0582	EA	1" Sweat Brass Companion Flange	46.03	12.19
22 11 16 00-0583	EA	1-1/4" Sweat Brass Companion Flange	50.25	13.43
22 11 16 00-0584	EA	1-1/2" Sweat Brass Companion Flange	72.19	14.60
22 11 16 00-0585	EA	2" Sweat Brass Companion Flange	96.86	16.21
22 11 16 00-0586	EA	2-1/2" Sweat Brass Companion Flange	122.54	19.49
22 11 16 00-0587	EA	3" Sweat Brass Companion Flange	134.92	25.55
22 11 16 00-0588	EA	4" Sweat Brass Companion Flange	180.41	30.44
22 11 16 00-0589	EA	5" Sweat Brass Companion Flange	340.47	36.86
22 11 16 00-0590	EA	6" Sweat Brass Companion Flange	392.16	53.56
22 11 16 00-0591	EA	8" Copper Companion Flange	906.45	76.39
22 11 16 00-0592		**Brass Compression Fittings** *(22 11 16 00-0285)*		
22 11 16 00-0593		**Brass Compression Unions** *(22 11 16 00-0592)*		
22 11 16 00-0594	EA	1/4" Brass Compression Union	13.57	8.56
22 11 16 00-0595	EA	3/8" Brass Compression Union	13.77	8.56
22 11 16 00-0596	EA	1/2" Brass Compression Union	14.38	8.56
22 11 16 00-0597	EA	5/8" Brass Compression Union	14.67	8.56
22 11 16 00-0598	EA	3/4" Brass Compression Union	16.77	8.56
22 11 16 00-0599	EA	3/8" x 1/4" Brass Compression Union	13.91	8.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0600	EA	1/2" x 3/8" Brass Compression Union	14.43	8.56
22 11 16 00-0601	EA	5/8" x 3/8" Brass Compression Union	14.79	8.56
22 11 16 00-0602	EA	5/8" x 1/2" Brass Compression Union	15.37	8.56
22 11 16 00-0603		**Brass Compression Union Elbows** *(22 11 16 00-0592)*		
22 11 16 00-0604	EA	1/4" Brass Compression Union Elbow	14.38	8.56
22 11 16 00-0605	EA	3/8" Brass Compression Union Elbow	14.71	8.56
22 11 16 00-0606	EA	1/2" Brass Compression Union Elbow	15.43	8.56
22 11 16 00-0607	EA	5/8" Brass Compression Union Elbow	16.55	8.56
22 11 16 00-0608	EA	3/4" Brass Compression Union Elbow	20.91	8.56
22 11 16 00-0609	EA	3/8" x 1/4" Brass Compression Union Elbow	14.71	8.56
22 11 16 00-0610	EA	1/2" x 3/8" Brass Compression Union Elbow	15.43	8.56
22 11 16 00-0611	EA	5/8" x 3/8" Brass Compression Union Elbow	15.63	8.56
22 11 16 00-0612	EA	5/8" x 1/2" Brass Compression Union Elbow	18.91	8.56
22 11 16 00-0613		**Brass Compression Union Tees** *(22 11 16 00-0592)*		
22 11 16 00-0614	EA	1/4" Brass Compression Union Tee	14.63	8.56
22 11 16 00-0615	EA	3/8" Brass Compression Union Tee	15.31	8.56
22 11 16 00-0616	EA	1/2" Brass Compression Union Tee	16.03	8.56
22 11 16 00-0617	EA	5/8" Brass Compression Union Tee	18.31	8.56
22 11 16 00-0618	EA	3/4" Brass Compression Union Tee	26.19	8.56
22 11 16 00-0619	EA	3/8" x 3/8" x 1/4" Brass Compression Union Tee	15.79	8.56
22 11 16 00-0620	EA	1/2" x 1/2" x 3/8" Brass Compression Union Tee	19.49	8.56
22 11 16 00-0621	EA	5/8" x 5/8" x 3/8" Brass Compression Union Tee	19.13	8.56
22 11 16 00-0622	EA	5/8" x 5/8" x 1/2" Brass Compression Union Tee	19.55	8.56
22 11 16 00-0623		**Brass Compression Male Connectors** *(22 11 16 00-0592)*		
22 11 16 00-0624	EA	1/4" Brass Compression Male Connector	13.43	8.56
22 11 16 00-0625	EA	3/8" Brass Compression Male Connector	13.69	8.56
22 11 16 00-0626	EA	1/2" Brass Compression Male Connector	14.15	8.56
22 11 16 00-0627	EA	5/8" Brass Compression Male Connector	14.83	8.56
22 11 16 00-0628	EA	3/4" Brass Compression Male Connector	15.58	8.49
22 11 16 00-0629		**Brass Compression Female Connectors** *(22 11 16 00-0592)*		
22 11 16 00-0630	EA	1/4" Brass Compression Female Connector	13.72	8.56
22 11 16 00-0631	EA	3/8" Brass Compression Female Connector	14.06	8.56
22 11 16 00-0632	EA	1/2" Brass Compression Female Connector	14.64	8.56
22 11 16 00-0633	EA	5/8" Brass Compression Female Connector	15.03	8.56
22 11 16 00-0634	EA	3/4" Brass Compression Female Connector	18.26	8.41
22 11 16 00-0635		**Dielectric Fittings** *(22 11 16 00-0285)*		
22 11 16 00-0636		**Copper x Female Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0635)*		
22 11 16 00-0637	EA	1/2" Copper x Female Iron Pipe Thread Dielectric Union	38.08	19.03
22 11 16 00-0638	EA	3/4" Copper x Female Iron Pipe Thread Dielectric Union	42.04	21.73
22 11 16 00-0639	EA	1" Copper x Female Iron Pipe Thread Dielectric Union	52.35	23.87
22 11 16 00-0640	EA	1-1/4" Copper x Female Iron Pipe Thread Dielectric Union	66.61	26.27
22 11 16 00-0641	EA	1-1/2" Copper x Female Iron Pipe Thread Dielectric Union	83.64	29.20
22 11 16 00-0642	EA	2" Copper x Female Iron Pipe Thread Dielectric Union	108.73	35.04
22 11 16 00-0643		**Female Brass Thread x Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0635)*		
22 11 16 00-0644	EA	1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union	44.10	19.03
22 11 16 00-0645	EA	3/4" Female Brass Thread x Iron Pipe Thread Dielectric Union	51.96	21.73
22 11 16 00-0646	EA	1" Female Brass Thread x Iron Pipe Thread Dielectric Union	65.42	23.87
22 11 16 00-0647	EA	1-1/4" Female Brass Thread x Iron Pipe Thread Dielectric Union	83.96	26.27
22 11 16 00-0648	EA	1-1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union	105.11	29.20
22 11 16 00-0649	EA	2" Female Brass Thread x Iron Pipe Thread Dielectric Union	133.90	35.04
22 11 16 00-0650		**Female Iron Pipe Thread x Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0635)*		
22 11 16 00-0651	EA	1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	40.29	19.03
22 11 16 00-0652	EA	3/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	45.67	21.73
22 11 16 00-0653	EA	1" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	53.30	23.87
22 11 16 00-0654	EA	1-1/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	63.25	26.27
22 11 16 00-0655	EA	1-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	80.32	29.20
22 11 16 00-0656	EA	2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	106.06	35.04
22 11 16 00-0657		**Copper x Female Iron Pipe Thread Dielectric Flanges** *(22 11 16 00-0635)*		
22 11 16 00-0658	EA	2-1/2" Copper x Female Iron Pipe Thread Dielectric Flange	258.94	90.08
22 11 16 00-0659	EA	3" Copper x Female Iron Pipe Thread Dielectric Flange	323.39	113.44
22 11 16 00-0660	EA	4" Copper x Female Iron Pipe Thread Dielectric Flange	462.70	154.38
22 11 16 00-0661		**Copper x Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flanges** *(22 11 16 00-0635)*		
22 11 16 00-0662	EA	2-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	261.46	90.08
22 11 16 00-0663	EA	3" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	343.14	113.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0664	EA	4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	690.48	154.38

22 11 16 00-0665 Copper Pipe Assemblies *(22 11 16)*

Note: Includes hangers and all coupling, elbow, tee and reducer fittings. All fittings are based on 95/5 solder. All hangers are complete assemblies installed in accordance with MSS SP 58 and 69. Excludes insulation. Not for use where detail is available.

22 11 16 00-0666	LF	1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly	15.40	2.22
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	*1.02*	
		For Type M Tubing Instead Of Type L, Deduct	*-0.86*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.39*	
		For Work In Restricted Working Space, Add	*3.72*	
22 11 16 00-0667	LF	3/4" Inside Diameter Copper Pipe/Tubing Type L Assembly	18.05	2.85
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	*1.26*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.04*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.31*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.61*	
		For Work In Restricted Working Space, Add	*4.22*	
22 11 16 00-0668	LF	1" Inside Diameter Copper Pipe/Tubing Type L Assembly	19.94	3.41
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	*1.50*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.21*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.47*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.73*	
		For Work In Restricted Working Space, Add	*4.42*	
22 11 16 00-0669	LF	1-1/4" Inside Diameter Copper Pipe/Tubing Type L Assembly	21.85	3.97
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	*1.75*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.40*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.62*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.86*	
		For Work In Restricted Working Space, Add	*4.59*	
		For DWV Tubing Instead Of Type L, Deduct	*-0.65*	
22 11 16 00-0670	LF	1-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly	24.38	4.52
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	*2.06*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.62*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.85*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.04*	
		For Work In Restricted Working Space, Add	*4.90*	
		For DWV Tubing Instead Of Type L, Deduct	*-0.81*	
22 11 16 00-0671	LF	2" Inside Diameter Copper Pipe/Tubing Type L Assembly	35.56	5.63
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	*3.68*	
		For Type M Tubing Instead Of Type L, Deduct	*-2.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.66*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.72*	
		For Work In Restricted Working Space, Add	*5.63*	
		For DWV Tubing Instead Of Type L, Deduct	*-1.68*	
22 11 16 00-0672	LF	2-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly	43.34	6.79
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	*4.85*	
		For Type M Tubing Instead Of Type L, Deduct	*-3.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.18*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.17*	
		For Work In Restricted Working Space, Add	*6.04*	
		For DWV Tubing Instead Of Type L, Deduct	*-2.32*	
22 11 16 00-0673	LF	3" Inside Diameter Copper Pipe/Tubing Type L Assembly	50.65	7.89
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	*5.90*	
		For Type M Tubing Instead Of Type L, Deduct	*-4.33*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.71*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.62*	
		For Work In Restricted Working Space, Add	*6.54*	
		For DWV Tubing Instead Of Type L, Deduct	*-2.88*	
22 11 16 00-0674	LF	4" Inside Diameter Copper Pipe/Tubing Type L Assembly	74.39	10.44
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	*9.18*	
		For Type M Tubing Instead Of Type L, Deduct	*-6.67*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.54*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.13*	
		For Work In Restricted Working Space, Add	*8.46*	
		For DWV Tubing Instead Of Type L, Deduct	*-4.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0675	LF	5" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	164.51	13.00
		For Type K Tubing Instead Of Type L, Add	*23.82*	
		For Type M Tubing Instead Of Type L, Deduct	*-16.84*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.85*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.04*	
		For Work In Restricted Working Space, Add	*10.86*	
		For DWV Tubing Instead Of Type L, Deduct	*-12.83*	
22 11 16 00-0676	LF	6" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	203.62	15.70
		For Type K Tubing Instead Of Type L, Add	*29.33*	
		For Type M Tubing Instead Of Type L, Deduct	*-20.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.78*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.48*	
		For Work In Restricted Working Space, Add	*13.79*	
		For DWV Tubing Instead Of Type L, Deduct	*-15.76*	
22 11 16 00-0677	LF	8" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	361.35	18.76
		For Type K Tubing Instead Of Type L, Add	*55.34*	
		For Type M Tubing Instead Of Type L, Deduct	*-38.79*	
		For Silver Solder Instead Of 95/5 Solder, Add	*23.78*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-20.93*	
		For Work In Restricted Working Space, Add	*17.15*	
		For DWV Tubing Instead Of Type L, Deduct	*-30.42*	

22 11 16 00-0678 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings *(22 11 16)*
Note: Socket weld.

22 11 16 00-0679 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings *(22 11 16 00-0678)*

22 11 16 00-0680 Schedule 80 CPVC Pipe *(22 11 16 00-0679)*

22 11 16 00-0681	LF	1/2" Schedule 80 CPVC Pressure Pipe	3.82	1.17
		For Work In Restricted Working Space, Add	*0.87*	
22 11 16 00-0682	LF	3/4" Schedule 80 CPVC Pressure Pipe	4.30	1.23
		For Work In Restricted Working Space, Add	*0.92*	
22 11 16 00-0683	LF	1" Schedule 80 CPVC Pressure Pipe	5.11	1.32
		For Work In Restricted Working Space, Add	*0.99*	
22 11 16 00-0684	LF	1-1/4" Schedule 80 CPVC Pressure Pipe	6.12	1.44
		For Work In Restricted Working Space, Add	*1.08*	
22 11 16 00-0685	LF	1-1/2" Schedule 80 CPVC Pressure Pipe	7.02	1.59
		For Work In Restricted Working Space, Add	*1.20*	
22 11 16 00-0686	LF	2" Schedule 80 CPVC Pressure Pipe	8.64	1.78
		For Work In Restricted Working Space, Add	*1.33*	
22 11 16 00-0687	LF	2-1/2" Schedule 80 CPVC Pressure Pipe	11.49	2.03
		For Work In Restricted Working Space, Add	*1.52*	
22 11 16 00-0688	LF	3" Schedule 80 CPVC Pressure Pipe	14.56	2.40
		For Work In Restricted Working Space, Add	*1.79*	
22 11 16 00-0689	LF	4" Schedule 80 CPVC Pressure Pipe	19.95	2.94
		For Work In Restricted Working Space, Add	*2.21*	
22 11 16 00-0690	LF	6" Schedule 80 CPVC Pressure Pipe	33.72	3.74
		For Work In Restricted Working Space, Add	*2.81*	
22 11 16 00-0691	LF	8" Schedule 80 CPVC Pressure Pipe	48.20	4.91
		For Work In Restricted Working Space, Add	*3.68*	

22 11 16 00-0692 Schedule 80 CPVC 90 Degree Elbows *(22 11 16 00-0679)*

22 11 16 00-0693	EA	1/2" Schedule 80 CPVC 90 Degree Elbow	15.28	5.55
		For Work In Restricted Working Space, Add	*4.16*	
22 11 16 00-0694	EA	3/4" Schedule 80 CPVC 90 Degree Elbow	19.72	7.01
		For Work In Restricted Working Space, Add	*5.26*	
22 11 16 00-0695	EA	1" Schedule 80 CPVC 90 Degree Elbow	25.44	8.75
		For Work In Restricted Working Space, Add	*6.59*	
22 11 16 00-0696	EA	1-1/4" Schedule 80 CPVC 90 Degree Elbow	34.13	10.95
		For Work In Restricted Working Space, Add	*8.23*	
22 11 16 00-0697	EA	1-1/2" Schedule 80 CPVC 90 Degree Elbow	37.91	12.12
		For Work In Restricted Working Space, Add	*9.11*	
22 11 16 00-0698	EA	2" Schedule 80 CPVC 90 Degree Elbow	44.05	12.12
		For Work In Restricted Working Space, Add	*10.16*	
22 11 16 00-0699	EA	2-1/2" Schedule 80 CPVC 90 Degree Elbow	65.07	15.40
		For Work In Restricted Working Space, Add	*11.57*	
22 11 16 00-0700	EA	3" Schedule 80 CPVC 90 Degree Elbow	74.37	18.25
		For Work In Restricted Working Space, Add	*13.67*	
22 11 16 00-0701	EA	4" Schedule 80 CPVC 90 Degree Elbow	104.13	22.41
		For Work In Restricted Working Space, Add	*16.82*	
22 11 16 00-0702	EA	6" Schedule 80 CPVC 90 Degree Elbow	131.50	28.47
		For Work In Restricted Working Space, Add	*21.38*	
22 11 16 00-0703	EA	8" Schedule 80 CPVC 90 Degree Elbow	240.88	37.38
		For Work In Restricted Working Space, Add	*28.03*	

22 11 16 00-0704 Schedule 80 CPVC 45 Degree Elbows *(22 11 16 00-0679)*

22 11 16 00-0705	EA	1/2" Schedule 80 CPVC 45 Degree Elbow	15.99	5.55
		For Work In Restricted Working Space, Add	*4.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0706	EA	3/4" Schedule 80 CPVC 45 Degree Elbow	20.56	7.01
		For Work In Restricted Working Space, Add	*5.26*	
22 11 16 00-0707	EA	1" Schedule 80 CPVC 45 Degree Elbow	26.82	8.75
		For Work In Restricted Working Space, Add	*6.59*	
22 11 16 00-0708	EA	1-1/4" Schedule 80 CPVC 45 Degree Elbow	35.94	10.95
		For Work In Restricted Working Space, Add	*8.23*	
22 11 16 00-0709	EA	1-1/2" Schedule 80 CPVC 45 Degree Elbow	40.11	12.12
		For Work In Restricted Working Space, Add	*9.11*	
22 11 16 00-0710	EA	2" Schedule 80 CPVC 45 Degree Elbow	44.80	13.58
		For Work In Restricted Working Space, Add	*10.16*	
22 11 16 00-0711	EA	2-1/2" Schedule 80 CPVC 45 Degree Elbow	65.54	15.40
		For Work In Restricted Working Space, Add	*11.57*	
22 11 16 00-0712	EA	3" Schedule 80 CPVC 45 Degree Elbow	74.31	18.25
		For Work In Restricted Working Space, Add	*13.67*	
22 11 16 00-0713	EA	4" Schedule 80 CPVC 45 Degree Elbow	95.52	22.41
		For Work In Restricted Working Space, Add	*16.82*	
22 11 16 00-0714	EA	6" Schedule 80 CPVC 45 Degree Elbow	147.64	28.47
		For Work In Restricted Working Space, Add	*21.38*	
22 11 16 00-0715	EA	8" Schedule 80 CPVC 45 Degree Elbow	252.31	37.38
		For Work In Restricted Working Space, Add	*28.03*	

22 11 16 00-0716 Schedule 80 CPVC Tees *(22 11 16 00-0679)*

22 11 16 00-0717	EA	1/2" Schedule 80 CPVC Tee	23.37	8.32
		For Work In Restricted Working Space, Add	*6.24*	
22 11 16 00-0718	EA	3/4" Schedule 80 CPVC Tee	30.37	10.51
		For Work In Restricted Working Space, Add	*7.88*	
22 11 16 00-0719	EA	1" Schedule 80 CPVC Tee	38.03	13.21
		For Work In Restricted Working Space, Add	*9.90*	
22 11 16 00-0720	EA	1-1/4" Schedule 80 CPVC Tee	51.79	16.49
		For Work In Restricted Working Space, Add	*12.35*	
22 11 16 00-0721	EA	1-1/2" Schedule 80 CPVC Tee	57.73	18.25
		For Work In Restricted Working Space, Add	*13.67*	
22 11 16 00-0722	EA	2" Schedule 80 CPVC Tee	68.98	20.29
		For Work In Restricted Working Space, Add	*15.24*	
22 11 16 00-0723	EA	2-1/2" Schedule 80 CPVC Tee	87.66	23.14
		For Work In Restricted Working Space, Add	*17.34*	
22 11 16 00-0724	EA	3" Schedule 80 CPVC Tee	100.81	27.30
		For Work In Restricted Working Space, Add	*20.50*	
22 11 16 00-0725	EA	4" Schedule 80 CPVC Tee	122.46	33.65
		For Work In Restricted Working Space, Add	*25.23*	
22 11 16 00-0726	EA	6" Schedule 80 CPVC Tee	181.84	42.78
		For Work In Restricted Working Space, Add	*32.06*	
22 11 16 00-0727	EA	8" Schedule 80 CPVC Tee	354.81	56.07
		For Work In Restricted Working Space, Add	*42.05*	

22 11 16 00-0728 Schedule 80 CPVC Crosses *(22 11 16 00-0679)*

22 11 16 00-0729	EA	1/2" Schedule 80 CPVC Cross	29.95	11.09
		For Work In Restricted Working Space, Add	*8.32*	
22 11 16 00-0730	EA	3/4" Schedule 80 CPVC Cross	38.57	14.01
		For Work In Restricted Working Space, Add	*10.51*	
22 11 16 00-0731	EA	1" Schedule 80 CPVC Cross	48.29	17.59
		For Work In Restricted Working Space, Add	*13.19*	
22 11 16 00-0732	EA	1-1/4" Schedule 80 CPVC Cross	64.06	21.97
		For Work In Restricted Working Space, Add	*16.47*	
22 11 16 00-0733	EA	1-1/2" Schedule 80 CPVC Cross	71.22	24.31
		For Work In Restricted Working Space, Add	*18.22*	
22 11 16 00-0734	EA	2" Schedule 80 CPVC Cross	83.39	27.08
		For Work In Restricted Working Space, Add	*20.32*	
22 11 16 00-0735	EA	2-1/2" Schedule 80 CPVC Cross	102.79	30.81
		For Work In Restricted Working Space, Add	*23.12*	
22 11 16 00-0736	EA	3" Schedule 80 CPVC Cross	119.07	36.43
		For Work In Restricted Working Space, Add	*27.33*	
22 11 16 00-0737	EA	4" Schedule 80 CPVC Cross	145.17	44.82
		For Work In Restricted Working Space, Add	*33.64*	
22 11 16 00-0738	EA	6" Schedule 80 CPVC Cross	207.06	57.01
		For Work In Restricted Working Space, Add	*42.74*	
22 11 16 00-0739	EA	8" Schedule 80 CPVC Cross	371.76	74.74
		For Work In Restricted Working Space, Add	*56.06*	

22 11 16 00-0740 Schedule 80 CPVC Socket Weld Reducing Inserts *(22 11 16 00-0679)*

22 11 16 00-0741	EA	3/4" Schedule 80 CPVC Reducing Insert	13.69	5.11
		For Work In Restricted Working Space, Add	*3.86*	
22 11 16 00-0742	EA	1" Schedule 80 CPVC Reducing Insert	18.95	6.93
		For Work In Restricted Working Space, Add	*5.19*	
22 11 16 00-0743	EA	1-1/4" Schedule 80 CPVC Reducing Insert	30.16	9.05
		For Work In Restricted Working Space, Add	*6.79*	
22 11 16 00-0744	EA	1-1/2" Schedule 80 CPVC Reducing Insert	33.93	10.00
		For Work In Restricted Working Space, Add	*7.51*	
22 11 16 00-0745	EA	2" Schedule 80 CPVC Reducing Insert	39.63	11.17
		For Work In Restricted Working Space, Add	*8.39*	
22 11 16 00-0746	EA	2-1/2" Schedule 80 CPVC Reducing Insert	43.50	12.70
		For Work In Restricted Working Space, Add	*9.55*	
22 11 16 00-0747	EA	3" Schedule 80 CPVC Reducing Insert	52.54	15.04
		For Work In Restricted Working Space, Add	*11.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0748	EA	4" Schedule 80 CPVC Reducing Insert	70.23	18.47
		For Work In Restricted Working Space, Add	*13.88*	
22 11 16 00-0749	EA	6" Schedule 80 CPVC Reducing Insert	109.80	23.50
		For Work In Restricted Working Space, Add	*17.63*	
22 11 16 00-0750	EA	8" Schedule 80 CPVC Reducing Insert	230.61	30.81
		For Work In Restricted Working Space, Add	*23.12*	

22 11 16 00-0751 Schedule 80 CPVC Socket Weld x Female Or Male Thread Reducing Inserts *(22 11 16 00-0679)*

22 11 16 00-0752	EA	1/2" Schedule 80 CPVC Socket Weld x Female Or Male Threaded Reducing Insert	14.66	3.65
		For Work In Restricted Working Space, Add	*2.74*	
22 11 16 00-0753	EA	3/4" Schedule 80 CPVC Socket Weld x Female Or Male Threaded Reducing Insert	18.81	5.11
		For Work In Restricted Working Space, Add	*3.86*	
22 11 16 00-0754	EA	1" Schedule 80 CPVC Socket Weld x Female Or Male Threaded Reducing Insert	23.70	6.93
		For Work In Restricted Working Space, Add	*5.19*	
22 11 16 00-0755	EA	1-1/4" Schedule 80 CPVC Socket Weld x Female Or Male Threaded Reducing Insert	29.75	9.05
		For Work In Restricted Working Space, Add	*6.79*	
22 11 16 00-0756	EA	1-1/2" Schedule 80 CPVC Socket Weld x Female Or Male Threaded Reducing Insert	34.54	10.00
		For Work In Restricted Working Space, Add	*7.51*	
22 11 16 00-0757	EA	2" Schedule 80 CPVC Socket Weld x Female Or Male Threaded Reducing Insert	42.65	11.17
		For Work In Restricted Working Space, Add	*8.39*	
22 11 16 00-0758	EA	2-1/2" Schedule 80 CPVC Socket Weld x Female Or Male Threaded Reducing Insert	63.24	12.70
		For Work In Restricted Working Space, Add	*9.55*	
22 11 16 00-0759	EA	3" Schedule 80 CPVC Socket Weld x Female Or Male Threaded Reducing Insert	119.63	15.04
		For Work In Restricted Working Space, Add	*11.28*	
22 11 16 00-0760	EA	4" Schedule 80 CPVC Socket Weld x Female Or Male Threaded Reducing Insert	175.58	18.47
		For Work In Restricted Working Space, Add	*13.88*	

22 11 16 00-0761 Schedule 80 CPVC Socket Weld x Male Thread Male Adapters *(22 11 16 00-0679)*

22 11 16 00-0762	EA	1/2" Schedule 80 CPVC Socket Weld x Male Thread Male Adapters	11.25	3.65
		For Work In Restricted Working Space, Add	*2.74*	
22 11 16 00-0763	EA	3/4" Schedule 80 CPVC Socket Weld x Male Thread Male Adapters	15.71	5.11
		For Work In Restricted Working Space, Add	*3.86*	
22 11 16 00-0764	EA	1" Schedule 80 CPVC Socket Weld x Male Thread Male Adapters	22.13	6.93
		For Work In Restricted Working Space, Add	*5.19*	
22 11 16 00-0765	EA	1-1/4" Schedule 80 CPVC Socket Weld x Male Thread Male Adapters	29.75	9.05
		For Work In Restricted Working Space, Add	*6.79*	
22 11 16 00-0766	EA	1-1/2" Schedule 80 CPVC Socket Weld x Male Thread Male Adapters	34.67	10.00
		For Work In Restricted Working Space, Add	*7.51*	
22 11 16 00-0767	EA	2" Schedule 80 CPVC Socket Weld x Male Thread Male Adapters	40.99	11.17
		For Work In Restricted Working Space, Add	*8.39*	
22 11 16 00-0768	EA	2-1/2" Schedule 80 CPVC Socket Weld x Male Thread Male Adapters	56.49	12.70
		For Work In Restricted Working Space, Add	*9.55*	
22 11 16 00-0769	EA	3" Schedule 80 CPVC Socket Weld x Male Thread Male Adapters	67.41	15.04
		For Work In Restricted Working Space, Add	*11.28*	
22 11 16 00-0770	EA	4" Schedule 80 CPVC Socket Weld x Male Thread Male Adapters	96.70	18.47
		For Work In Restricted Working Space, Add	*13.88*	

22 11 16 00-0771 Schedule 80 CPVC Socket Weld x Female Thread Female Adapters *(22 11 16 00-0679)*

22 11 16 00-0772	EA	1/2" Schedule 80 CPVC Socket Weld x Female Thread Female Adapters	12.05	3.65
		For Work In Restricted Working Space, Add	*2.74*	
22 11 16 00-0773	EA	3/4" Schedule 80 CPVC Socket Weld x Female Thread Female Adapters	15.97	5.11
		For Work In Restricted Working Space, Add	*3.86*	
22 11 16 00-0774	EA	1" Schedule 80 CPVC Socket Weld x Female Thread Female Adapters	22.19	6.93
		For Work In Restricted Working Space, Add	*5.19*	
22 11 16 00-0775	EA	1-1/4" Schedule 80 CPVC Socket Weld x Female Thread Female Adapters	29.99	9.05
		For Work In Restricted Working Space, Add	*6.79*	
22 11 16 00-0776	EA	1-1/2" Schedule 80 CPVC Socket Weld x Female Thread Female Adapters	33.59	10.00
		For Work In Restricted Working Space, Add	*7.51*	
22 11 16 00-0777	EA	2" Schedule 80 CPVC Socket Weld x Female Thread Female Adapters	40.10	11.17
		For Work In Restricted Working Space, Add	*8.39*	
22 11 16 00-0778	EA	2-1/2" Schedule 80 CPVC Socket Weld x Female Thread Female Adapters	57.00	12.70
		For Work In Restricted Working Space, Add	*9.55*	
22 11 16 00-0779	EA	3" Schedule 80 CPVC Socket Weld x Female Thread Female Adapters	76.32	15.04
		For Work In Restricted Working Space, Add	*11.28*	
22 11 16 00-0780	EA	4" Schedule 80 CPVC Socket Weld x Female Thread Female Adapters	111.84	18.47
		For Work In Restricted Working Space, Add	*13.88*	

22 11 16 00-0781 Schedule 80 CPVC Couplings *(22 11 16 00-0679)*

22 11 16 00-0782	EA	1/2" Schedule 80 CPVC Couplings	10.12	3.35
		For Work In Restricted Working Space, Add	*2.50*	
22 11 16 00-0783	EA	3/4" Schedule 80 CPVC Couplings	14.23	4.67
		For Work In Restricted Working Space, Add	*3.50*	
22 11 16 00-0784	EA	1" Schedule 80 CPVC Couplings	19.13	6.28
		For Work In Restricted Working Space, Add	*4.71*	
22 11 16 00-0785	EA	1-1/4" Schedule 80 CPVC Couplings	25.70	8.25
		For Work In Restricted Working Space, Add	*6.17*	
22 11 16 00-0786	EA	1-1/2" Schedule 80 CPVC Couplings	29.24	9.13
		For Work In Restricted Working Space, Add	*6.83*	
22 11 16 00-0787	EA	2" Schedule 80 CPVC Couplings	32.89	10.15
		For Work In Restricted Working Space, Add	*7.62*	
22 11 16 00-0788	EA	2-1/2" Schedule 80 CPVC Couplings	46.87	11.54
		For Work In Restricted Working Space, Add	*8.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0789	EA	3" Schedule 80 CPVC Couplings	52.31	13.65
		For Work In Restricted Working Space, Add	*10.25*	
22 11 16 00-0790	EA	4" Schedule 80 CPVC Couplings	65.82	16.78
		For Work In Restricted Working Space, Add	*12.61*	
22 11 16 00-0791	EA	6" Schedule 80 CPVC Couplings	100.35	21.39
		For Work In Restricted Working Space, Add	*16.03*	
22 11 16 00-0792	EA	8" Schedule 80 CPVC Couplings	165.13	28.03
		For Work In Restricted Working Space, Add	*21.02*	

22 11 16 00-0793 Schedule 80 CPVC Unions *(22 11 16 00-0679)*

22 11 16 00-0794	EA	1/2" Schedule 80 CPVC Unions	17.69	4.01
		For Work In Restricted Working Space, Add	*3.00*	
22 11 16 00-0795	EA	3/4" Schedule 80 CPVC Unions	22.07	5.62
		For Work In Restricted Working Space, Add	*4.20*	
22 11 16 00-0796	EA	1" Schedule 80 CPVC Unions	27.15	7.52
		For Work In Restricted Working Space, Add	*5.65*	
22 11 16 00-0797	EA	1-1/4" Schedule 80 CPVC Unions	44.23	9.85
		For Work In Restricted Working Space, Add	*7.40*	
22 11 16 00-0798	EA	1-1/2" Schedule 80 CPVC Unions	47.21	10.95
		For Work In Restricted Working Space, Add	*8.19*	
22 11 16 00-0799	EA	2" Schedule 80 CPVC Unions	63.56	12.19
		For Work In Restricted Working Space, Add	*9.16*	
22 11 16 00-0800	EA	2-1/2" Schedule 80 CPVC Unions	103.18	13.87
		For Work In Restricted Working Space, Add	*10.40*	
22 11 16 00-0801	EA	3" Schedule 80 CPVC Unions	144.54	16.42
		For Work In Restricted Working Space, Add	*12.31*	
22 11 16 00-0802	EA	4" Schedule 80 CPVC Unions	226.43	20.15
		For Work In Restricted Working Space, Add	*15.13*	
22 11 16 00-0803	EA	6" Schedule 80 CPVC Unions	301.78	25.62
		For Work In Restricted Working Space, Add	*19.23*	
22 11 16 00-0804	EA	8" Schedule 80 CPVC Unions	374.43	33.65
		For Work In Restricted Working Space, Add	*25.23*	

22 11 16 00-0805 Schedule 80 CPVC Caps *(22 11 16 00-0679)*

22 11 16 00-0806	EA	1/2" Schedule 80 CPVC Cap	5.62	1.10
		For Work In Restricted Working Space, Add	*0.83*	
22 11 16 00-0807	EA	3/4" Schedule 80 CPVC Cap	9.88	2.34
		For Work In Restricted Working Space, Add	*1.75*	
22 11 16 00-0808	EA	1" Schedule 80 CPVC Cap	16.56	3.80
		For Work In Restricted Working Space, Add	*2.83*	
22 11 16 00-0809	EA	1-1/4" Schedule 80 CPVC Cap	18.13	4.09
		For Work In Restricted Working Space, Add	*3.09*	
22 11 16 00-0810	EA	1-1/2" Schedule 80 CPVC Cap	19.37	4.52
		For Work In Restricted Working Space, Add	*3.41*	
22 11 16 00-0811	EA	2" Schedule 80 CPVC Cap	25.56	5.11
		For Work In Restricted Working Space, Add	*3.81*	
22 11 16 00-0812	EA	2-1/2" Schedule 80 CPVC Cap	37.61	5.76
		For Work In Restricted Working Space, Add	*4.34*	
22 11 16 00-0813	EA	3" Schedule 80 CPVC Cap	40.76	6.86
		For Work In Restricted Working Space, Add	*5.12*	
22 11 16 00-0814	EA	4" Schedule 80 CPVC Cap	60.97	8.39
		For Work In Restricted Working Space, Add	*6.31*	
22 11 16 00-0815	EA	6" Schedule 80 CPVC Cap	126.10	10.66
		For Work In Restricted Working Space, Add	*8.02*	
22 11 16 00-0816	EA	8" Schedule 80 CPVC Cap	162.65	14.01
		For Work In Restricted Working Space, Add	*10.51*	

22 11 16 00-0817 Schedule 80 CPVC 150 LB Flanges *(22 11 16 00-0679)*

22 11 16 00-0818	EA	1/2" Schedule 80 CPVC 150 LB Flanges	13.51	2.63
		For Work In Restricted Working Space, Add	*1.99*	
22 11 16 00-0819	EA	3/4" Schedule 80 CPVC 150 LB Flanges	16.70	3.73
		For Work In Restricted Working Space, Add	*2.80*	
22 11 16 00-0820	EA	1" Schedule 80 CPVC 150 LB Flanges	20.75	5.04
		For Work In Restricted Working Space, Add	*3.77*	
22 11 16 00-0821	EA	1-1/4" Schedule 80 CPVC 150 LB Flanges	24.93	6.57
		For Work In Restricted Working Space, Add	*4.95*	
22 11 16 00-0822	EA	1-1/2" Schedule 80 CPVC 150 LB Flanges	26.88	7.30
		For Work In Restricted Working Space, Add	*5.48*	
22 11 16 00-0823	EA	2" Schedule 80 CPVC 150 LB Flanges	31.77	8.10
		For Work In Restricted Working Space, Add	*6.09*	
22 11 16 00-0824	EA	2-1/2" Schedule 80 CPVC 150 LB Flanges	41.05	9.27
		For Work In Restricted Working Space, Add	*6.94*	
22 11 16 00-0825	EA	3" Schedule 80 CPVC 150 LB Flanges	46.84	10.95
		For Work In Restricted Working Space, Add	*8.19*	
22 11 16 00-0826	EA	4" Schedule 80 CPVC 150 LB Flanges	58.41	13.43
		For Work In Restricted Working Space, Add	*10.10*	
22 11 16 00-0827	EA	6" Schedule 80 CPVC 150 LB Flanges	81.70	17.08
		For Work In Restricted Working Space, Add	*12.83*	
22 11 16 00-0828	EA	8" Schedule 80 CPVC 150 LB Flanges	143.88	22.41
		For Work In Restricted Working Space, Add	*16.82*	

22 11 19 Domestic Water Piping Specialties *(22 11)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0001		**Brass, Anti Siphon Vacuum Breakers** *(22 11 19)* Note: Watts 288A		
22 11 19 00-0002	EA	1/2" Brass, Anti Siphon Vacuum Breaker	58.73	19.83
22 11 19 00-0003	EA	3/4" Brass, Anti Siphon Vacuum Breaker	66.84	22.20
22 11 19 00-0004	EA	1" Brass, Anti Siphon Vacuum Breaker	119.51	25.38
22 11 19 00-0005	EA	1-1/4" Brass, Anti Siphon Vacuum Breaker	180.59	29.34
22 11 19 00-0006	EA	1-1/2" Brass, Anti Siphon Vacuum Breaker	215.03	32.51
22 11 19 00-0007	EA	2" Brass, Anti Siphon Vacuum Breaker	307.25	39.64
22 11 19 00-0008	EA	2-1/2" Brass, Anti Siphon Vacuum Breaker	759.06	49.56
22 11 19 00-0009		**Anti Siphon Pressure Vacuum Breakers** *(22 11 19)* Note: Watts 800M4QT		
22 11 19 00-0010	EA	1/2" Anti Siphon Pressure Type Vacuum Breaker	139.59	19.83
22 11 19 00-0011	EA	3/4" Anti Siphon Pressure Type Vacuum Breaker	126.06	22.20
22 11 19 00-0012	EA	1" Anti Siphon Pressure Type Vacuum Breaker	174.51	25.38
22 11 19 00-0013	EA	1-1/4" Anti Siphon Pressure Type Vacuum Breaker	301.59	29.34
22 11 19 00-0014	EA	1-1/2" Anti Siphon Pressure Type Vacuum Breaker	366.03	32.51
22 11 19 00-0015	EA	2" Anti Siphon Pressure Type Vacuum Breaker	374.89	39.64
22 11 19 00-0016		**Bellows Type Water Hammer Arrestors** *(22 11 19)*		
22 11 19 00-0017	EA	Up To 11 Fixture Unit Capacity, 3/4" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5005)	120.50	9.49
22 11 19 00-0018	EA	>11 To 32 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5010)	229.59	11.47
22 11 19 00-0019	EA	>32 To 60 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5020)	332.02	11.47
22 11 19 00-0020	EA	>60 To 113 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5030)	797.82	11.47
22 11 19 00-0021	EA	>113 To 154 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5040)	897.59	11.47
22 11 19 00-0022	EA	>154 To 330 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5050)	1,097.72	11.47
22 11 19 00-0023		**Washer Boxes And Dryer Outlets** *(22 11 19)*		
22 11 19 00-0024		**Dryer Vent Kit** *(22 11 19 00-0023)* Note: Includes 4" flexible tubing plastic hood clamps and tailpipe.		
22 11 19 00-0025	EA	Dryer Vent Kit With Hood, 4" x 5' Flexible Vent And Clamps	56.11	10.31
22 11 19 00-0026		**Washer Boxes And Dryer Vents** *(22 11 19 00-0023)* Note: Includes 1/2" supply valves and mounting brackets.		
22 11 19 00-0027	EA	2" Washing Machine Outlet Box, Plastic, Two 1/2" Supply Valves	180.87	15.86
22 11 19 00-0028		**Ice Maker Outlet Box** *(22 11 19)* Note: Includes one 1/2" quarter turn ball valve and connections wall mount.		
22 11 19 00-0029	EA	Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount	99.61	15.86
22 11 19 00-0030	EA	Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve With Water Hammer Arrestor, Wall Mount	123.43	15.86
22 11 19 00-0031	EA	Steel Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount	136.54	15.86
22 11 19 00-0032		**Rubber Hose And Clamps** *(22 11 19)*		
22 11 19 00-0033		**General Purpose Hose** *(22 11 19 00-0032)* Note: For medium pressure (up to 200/250 psi) applications requiring excellent resistance to air, oil and heat.		
22 11 19 00-0034	LF	3/8" Inside Diameter EPDM Rubber Hose And Clamp	7.35	1.58
22 11 19 00-0035	LF	1/2" Inside Diameter EPDM Rubber Hose And Clamp	7.42	1.58
22 11 19 00-0036	LF	5/8" Inside Diameter EPDM Rubber Hose And Clamp	7.58	1.58
22 11 19 00-0037	LF	3/4" Inside Diameter EPDM Rubber Hose And Clamp	7.54	1.58
22 11 19 00-0038	LF	1" Inside Diameter EPDM Rubber Hose And Clamp	9.51	2.37
22 11 19 00-0039	LF	1-1/4" Inside Diameter EPDM Rubber Hose And Clamp	10.73	2.37
22 11 19 00-0040	LF	1-1/2" Inside Diameter EPDM Rubber Hose And Clamp	12.56	3.16
22 11 19 00-0041		**Chemical Resistant Rubber Hoses** *(22 11 19 00-0032)*		
22 11 19 00-0042	EA	50' x 6" Brown Gum Rubber, Chemical Resistant Flexible Hose	1,053.42	187.35
22 11 19 00-0043	EA	50' x 6" Nitrile Rubber, Low pH Resistance, Flexible Hose	1,498.11	187.35
22 11 19 00-0044		**Water Pump Hose** *(22 11 19 00-0032)*		
22 11 19 00-0045	EA	2" Inside Diameter, 20' Rubber Discharge Hose	178.29	48.29
22 11 19 00-0046	EA	2" Inside Diameter, 20' Rubber Intake Hose	184.61	48.29
22 11 19 00-0047		**Serrated Shank Nipple** *(22 11 19 00-0032)* Note: For use as medium pressure coupling.		
22 11 19 00-0048	EA	3/8" Inside Diameter Hose x 1/2" Male Pipe Thread Serrated Shank Nipple	17.40	3.95
22 11 19 00-0049	EA	1/2" Inside Diameter Hose x 5/8" Male Pipe Thread Serrated Shank Nipple	17.28	3.95
22 11 19 00-0050	EA	5/8" Inside Diameter Hose x 3/4" Male Pipe Thread Serrated Shank Nipple	17.28	3.95
22 11 19 00-0051	EA	3/4" Inside Diameter Hose x 1" Male Pipe Thread Serrated Shank Nipple	22.06	5.53
22 11 19 00-0052	EA	1" Inside Diameter Hose x 1-1/4" Male Pipe Thread Serrated Shank Nipple	23.28	5.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0053	EA	1-1/4" Inside Diameter Hose x 1-1/2" Male Pipe Thread Serrated Shank Nipple	43.63	10.28
22 11 19 00-0054	EA	1-1/2" Inside Diameter Hose x 2" Male Pipe Thread Serrated Shank Nipple	54.00	12.65
22 11 19 00-0055		**Worm-Drive Hose Clamp** *(22 11 19 00-0032)*		
22 11 19 00-0056	EA	3/8" To 1" Diameter Worm Drive Hose Clamp	8.16	2.37
22 11 19 00-0057	EA	1/2" To 1-1/6" Diameter Worm Drive Hose Clamp	8.65	2.37
22 11 19 00-0058	EA	5/8" To 1-1/2" Diameter Worm Drive Hose Clamp	9.16	2.37
22 11 19 00-0059	EA	3/4" To 2" Diameter Worm Drive Hose Clamp	9.74	2.37
22 11 19 00-0060	EA	1" To 2-1/2" Diameter Worm Drive Hose Clamp	10.42	2.37
22 11 19 00-0061	EA	1-1/4" To 2-3/4" Diameter Worm Drive Hose Clamp	11.27	3.16
22 11 19 00-0062	EA	1-1/2" To 3" Diameter Worm Drive Hose Clamp	12.17	3.16
22 11 19 00-0063		**Trap Primer And Accessories** *(22 11 19)*		
22 11 19 00-0064		**Trap Primer** *(22 11 19 00-0063)*		
22 11 19 00-0065	EA	1/2" Inlet/Outlet, Flow Through Automatic Trap Primer (JR Smith 2699)	132.19	11.89
22 11 19 00-0066	EA	1/2" Inlet/Outlet, Automatic Trap Primer, Up To Two Floor Drains (PPP PR-500)	81.94	7.92
22 11 19 00-0067	EA	1/2" Inlet/Outlet, Automatic Trap Primer, Up To Four Floor Drains (PPP PO-500)	79.70	7.92
22 11 19 00-0068		**Trap Primer Distribution Unit** *(22 11 19 00-0063)*		
22 11 19 00-0069	EA	Molded Plastic Four Opening Trap Primer Distribution Unit (PPP DU-U) Note: Can be used for two, three or four drains.	81.40	15.86
22 11 19 00-0070	EA	Copper Four Opening Trap Primer Distribution Unit (PPP DU-4) Note: Can be used for two, three or four drains.	87.43	15.86
22 11 19 00-0071		**Trap Primer Manifold** *(22 11 19 00-0063)*		
22 11 19 00-0072	EA	Two Outlet Manifold	107.85	21.33
22 11 19 00-0073	EA	Four Outlet Manifold	157.62	24.27
22 11 19 00-0074	EA	Six Outlet Manifold	205.29	25.69
22 11 19 00-0075	EA	Eight Outlet Manifold	256.69	30.13
22 11 19 00-0076		**Wall Hydrants** *(22 11 19)* Note: Female inlet connection, 3/4" hose thread outlet.		
22 11 19 00-0077		**Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants** *(22 11 19 00-0076)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0078	EA	6" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	463.63	19.83
		For Cast Bronze Box, Add	*23.04*	
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0079	EA	12" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	490.43	23.78
		For Cast Bronze Box, Add	*23.04*	
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0080	EA	18" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	506.67	28.63
		For Cast Bronze Box, Add	*23.04*	
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0081		**Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants** *(22 11 19 00-0076)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0082	EA	Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	478.66	33.30
		For Cast Bronze Box, Add	*23.04*	
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0083		**Cast Bronze Non-Freezing Wall Hydrant** *(22 11 19 00-0076)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0084	EA	3" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	263.45	24.58
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0085	EA	4" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	321.80	24.58
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0086	EA	6" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	321.80	24.58
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0087	EA	8" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	321.80	24.58
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0088	EA	10" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	335.37	49.56
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0089	EA	12" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	335.37	49.56
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0090	EA	18" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	375.99	49.56
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0091		**Stainless Steel Box Type Wall Hydrants** *(22 11 19 00-0076)* Note: With 3/4" NPT female and 3/4" NPT male inlet connection.		
22 11 19 00-0092	EA	Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8140)	237.24	19.83
22 11 19 00-0093	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8141)	257.60	19.83
22 11 19 00-0094	EA	Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8150)	260.37	19.83
22 11 19 00-0095	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8151)	290.91	19.83
22 11 19 00-0096	EA	Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8145) Note: Includes hot and cold hose connections.	406.82	27.75

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22 11 19 00-0097	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8146) Note: Includes hot and cold hose connections.	418.85	27.75
22 11 19 00-0098	EA	Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8155) Note: Includes hot and cold hose connections.	418.85	27.75
22 11 19 00-0099	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8156) Note: Includes hot and cold hose connections.	447.53	27.75
22 11 19 00-0100		Tempering Controllers For Potable Hot Water *(22 11 19)*		
22 11 19 00-0101		Point-Of-Use Thermostatic Mixing Valves (Bradley) *(22 11 19 00-0100)* Note: Point-of-Use Water Tempering Valves: ASSE 1016, or 1070, with piston-control mechanism, positive shutoff of hot water when cold water supply is lost, bronze body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner.		
22 11 19 00-0102	EA	1/2" Inlets, 1/2" Outlet Sink/Faucet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-2007)	258.68	24.99
22 11 19 00-0103	EA	1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4004)	139.77	24.99
22 11 19 00-0104	EA	1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4008)	149.21	24.99
22 11 19 00-0105	EA	3/4" Inlets, 3/4" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4016)	228.09	33.67
22 11 19 00-0106		Thermostatic Mixing Valves (Bradley) *(22 11 19 00-0100)* Note: Standard Thermostatic, Water Mixing Valves: ASSE 1017, liquid-filled motor and piston control mechanism with positive shutoff of hot water when coldwater supply is lost. Water flow is shut off in event of thermostat failure. Bronze valve body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner. Equipped with integral check stops andremovable strainers.		
22 11 19 00-0107	EA	3/4" Inlets, 3/4" Outlet, 25 GPM Thermostatic Mixing Valve (Bradley S59-2025)	618.61	36.04
22 11 19 00-0108	EA	3/4" Inlets, 1" Outlet, 45 GPM Thermostatic Mixing Valve (Bradley S59-2045)	699.10	44.40
22 11 19 00-0109	EA	1" Inlets, 1-1/4" Outlet, 80 GPM Thermostatic Mixing Valve (Bradley S59-2080)	838.02	51.64
22 11 19 00-0110	EA	1-1/4" Inlets, 1-1/2" Outlet, 130 GPM Thermostatic Mixing Valve (Bradley S59-2130)	1,074.03	54.28
22 11 19 00-0111	EA	2" Inlets, 2" Outlet, 220 GPM Thermostatic Mixing Valve (Bradley S59-2200)	1,439.42	70.42
22 11 19 00-0112		High Low Temperature Thermostatic Mixing Valves (Bradley) *(22 11 19 00-0100)* Note: High Low Temperature Thermostatic Mixing Valves: ASSE 1017, liquid-filled thermal motor and piston control mechanism with positive shutoff of hot water when cold water supply is lost, and allowing restricted cold flow in event of lossor interruption of hot water supply. Flow is shut off in the event ofthermostat failure. Equipped with integral check stops, thermometer, and removable strainers.		
22 11 19 00-0113	EA	3/4" Inlets, 1" Outlet, 45 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3045)	1,505.23	55.51
22 11 19 00-0114	EA	1" Inlets, 1-1/4" Outlet, 80 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3080)	1,946.58	64.55
22 11 19 00-0115	EA	1-1/4" Inlets, 1-1/2" Outlet, 130 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3130)	2,262.60	67.84
22 11 19 00-0116	EA	2" Inlets, 2" Outlet, 220 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3200)	2,519.90	88.02
22 11 19 00-0117		Thermostatic Mixing Valves (Leonard) *(22 11 19 00-0100)* Note: Thermostatic Water Mixing Valve with Integral combination checkstops with strainers, 125 PSI (8.6 BAR) maximum operating pressure, Copper encapsulated thermostatic assembly with Teflon coated brass shuttle, Locking temperature regulating handle, Top or bottom supply/outlet connections, Integral circulation port connection		
22 11 19 00-0118	EA	3/4" In x 3/4" Out Thermostatic Mixing Valve (Leonard LV-981-RF) Note: For hot water or two pipe low pressure steam.	572.34	36.04
22 11 19 00-0119	EA	1" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-982-RF) Note: For hot water or two pipe low pressure steam.	675.29	44.39
22 11 19 00-0120	EA	1-1/4" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-983-RF) Note: For hot water or two pipe low pressure steam.	827.78	51.64
22 11 19 00-0121	EA	1-1/4" In x 1-1/2" Out Thermostatic Mixing Valve (Leonard LV-984-RF) Note: For hot water or two pipe low pressure steam.	1,005.55	54.30
22 11 19 00-0122	EA	2" In x 2" Out Thermostatic Mixing Valve (Leonard LV-985-RF) Note: For hot water or two pipe low pressure steam.	1,486.33	70.42
22 11 19 00-0123		Water Mixing/Self Operating Temperature Regulator *(22 11 19 00-0100)* Note: Includes high rate spring, temperature adjustment screw, temperature dial and remote bulb with 8' capillary tube.		
22 11 19 00-0124	EA	3/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	1,126.39	39.64
22 11 19 00-0125	EA	1" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	1,208.42	49.96
22 11 19 00-0126	EA	1-1/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	1,341.87	60.27
22 11 19 00-0127	EA	1-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	1,486.35	70.57
22 11 19 00-0128	EA	2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	1,747.95	92.77
22 11 19 00-0129	EA	2-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	2,034.18	105.77
22 11 19 00-0130		Backflow Preventer Valves *(22 11 19)*		
22 11 19 00-0131		Double Check Valve Backflow Preventer Assemblies *(22 11 19 00-0130)*		
22 11 19 00-0132		Threaded Double Check Valve Assemblies *(22 11 19 00-0131)*		
22 11 19 00-0133		Double Check Valve Assemblies With QT Shut-Offs *(22 11 19 00-0132)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and two epoxy coated bronze body check valves (Watts 007 QT or 719 QT series).		
22 11 19 00-0134	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	214.62	21.25
		For Work In Restricted Working Space, Add	*15.94*	
		For Owner Furnished Material, Deduct	*-161.49*	
22 11 19 00-0135	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	257.64	30.13
		For Work In Restricted Working Space, Add	*22.60*	
		For Owner Furnished Material, Deduct	*-182.31*	
22 11 19 00-0136	EA	1"Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	298.83	36.79
		For Work In Restricted Working Space, Add	*27.60*	
		For Owner Furnished Material, Deduct	*-206.84*	

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22 11 19 00-0137	EA	1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	410.93	42.82
		For Work In Restricted Working Space, Add	*32.12*	
		For Owner Furnished Material, Deduct	*-303.88*	
22 11 19 00-0138	EA	1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	505.29	49.16
		For Work In Restricted Working Space, Add	*36.63*	
		For Owner Furnished Material, Deduct	*-383.18*	
22 11 19 00-0139	EA	2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	588.18	63.44
		For Work In Restricted Working Space, Add	*47.58*	
		For Owner Furnished Material, Deduct	*-429.59*	

22 11 19 00-0140 Double Check Valve Assemblies With QT Shut-Offs And Strainer *(22 11 19 00-0132)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, two epoxy coated bronze body check valves, and bronze strainer (Watts 007 QT-S or 719 QT-S series).

22 11 19 00-0141	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	260.83	21.25
		For Work In Restricted Working Space, Add	*15.94*	
		For Owner Furnished Material, Deduct	*-207.70*	
22 11 19 00-0142	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	325.31	30.13
		For Work In Restricted Working Space, Add	*22.60*	
		For Owner Furnished Material, Deduct	*-249.98*	
22 11 19 00-0143	EA	1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	381.81	36.79
		For Work In Restricted Working Space, Add	*27.60*	
		For Owner Furnished Material, Deduct	*-289.82*	
22 11 19 00-0144	EA	1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	529.16	42.82
		For Work In Restricted Working Space, Add	*32.12*	
		For Owner Furnished Material, Deduct	*-422.11*	
22 11 19 00-0145	EA	1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	644.53	49.16
		For Work In Restricted Working Space, Add	*36.63*	
		For Owner Furnished Material, Deduct	*-522.42*	
22 11 19 00-0146	EA	2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	780.42	63.44
		For Work In Restricted Working Space, Add	*47.58*	
		For Owner Furnished Material, Deduct	*-621.83*	

22 11 19 00-0147 Flanged Double Check Valve Assemblies *(22 11 19 00-0131)*

22 11 19 00-0148 Double Check Valve Assemblies With NRS Shut-Offs *(22 11 19 00-0147)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 007 NRS series).

22 11 19 00-0149	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 007 NRS)	1,671.69	175.19
		For Work In Restricted Working Space, Add	*70.08*	
		For Owner Furnished Material, Deduct	*-1,438.10*	
22 11 19 00-0150	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 007 NRS)	1,838.62	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-1,579.48*	

22 11 19 00-0151 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0147)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 007 OSY series).

22 11 19 00-0152	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY)	1,817.87	175.19
		For Work In Restricted Working Space, Add	*70.08*	
		For Owner Furnished Material, Deduct	*-1,584.28*	
22 11 19 00-0153	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY)	2,082.42	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-1,823.28*	

22 11 19 00-0154 Double Check Valve Assemblies With NRS Shut-Offs *(22 11 19 00-0147)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 709 NRS series).

22 11 19 00-0155	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	2,062.87	175.19
		For Work In Restricted Working Space, Add	*70.07*	
		For Owner Furnished Material, Deduct	*-1,829.30*	
22 11 19 00-0156	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	2,268.09	197.09
		For Work In Restricted Working Space, Add	*77.75*	
		For Owner Furnished Material, Deduct	*-2,008.94*	
22 11 19 00-0157	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	2,612.42	291.98
		For Work In Restricted Working Space, Add	*116.73*	
		For Owner Furnished Material, Deduct	*-2,223.32*	
22 11 19 00-0158	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	4,372.65	441.41
		For Work In Restricted Working Space, Add	*239.22*	
		For Owner Furnished Material, Deduct	*-3,575.26*	
22 11 19 00-0159	EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	8,364.49	662.12
		For Work In Restricted Working Space, Add	*358.88*	
		For Owner Furnished Material, Deduct	*-7,168.21*	
22 11 19 00-0160	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	10,963.93	783.15
		For Work In Restricted Working Space, Add	*427.17*	
		For Owner Furnished Material, Deduct	*-9,540.02*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0161		**Double Check Valve Assemblies With NRS Shut-Offs And Strainer** *(22 11 19 00-0147)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, two epoxy coated iron body check valves, and iron body strainer (Watts 709 NRS-S series).		
22 11 19 00-0162	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series)	2,265.16	175.19
		For Work In Restricted Working Space, Add	*70.07*	
		For Owner Furnished Material, Deduct	*-2,031.59*	
22 11 19 00-0163	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series)	2,510.11	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-2,250.97*	
22 11 19 00-0164	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series)	3,150.55	291.98
		For Work In Restricted Working Space, Add	*116.72*	
		For Owner Furnished Material, Deduct	*-2,761.48*	
22 11 19 00-0165	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series)	5,393.77	441.41
		For Work In Restricted Working Space, Add	*239.22*	
		For Owner Furnished Material, Deduct	*-4,596.38*	
22 11 19 00-0166	EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series)	10,084.59	662.12
		For Work In Restricted Working Space, Add	*358.83*	
		For Owner Furnished Material, Deduct	*-8,888.50*	
22 11 19 00-0167	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series)	10,963.93	783.15
		For Work In Restricted Working Space, Add	*427.17*	
		For Owner Furnished Material, Deduct	*-9,540.02*	
22 11 19 00-0168		**Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs** *(22 11 19 00-0147)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 709 OSY series).		
22 11 19 00-0169	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series)	2,190.00	175.19
		For Work In Restricted Working Space, Add	*70.07*	
		For Owner Furnished Material, Deduct	*-1,956.43*	
22 11 19 00-0170	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series)	2,499.29	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-2,240.15*	
22 11 19 00-0171	EA	4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series)	2,881.82	291.98
		For Work In Restricted Working Space, Add	*116.72*	
		For Owner Furnished Material, Deduct	*-2,492.75*	
22 11 19 00-0172	EA	6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series)	4,695.11	441.41
		For Work In Restricted Working Space, Add	*239.22*	
		For Owner Furnished Material, Deduct	*-3,897.72*	
22 11 19 00-0173	EA	8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series)	8,902.29	662.12
		For Work In Restricted Working Space, Add	*358.83*	
		For Owner Furnished Material, Deduct	*-7,706.20*	
22 11 19 00-0174	EA	10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series)	12,038.82	783.15
		For Work In Restricted Working Space, Add	*427.17*	
		For Owner Furnished Material, Deduct	*-10,614.91*	
22 11 19 00-0175		**Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs** *(22 11 19 00-0147)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 OSY series).		
22 11 19 00-0176	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series)	1,886.58	175.19
		For Work In Restricted Working Space, Add	*70.07*	
		For Owner Furnished Material, Deduct	*-1,653.01*	
22 11 19 00-0177	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series)	2,077.55	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-1,818.41*	
22 11 19 00-0178	EA	4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series)	2,372.88	291.98
		For Work In Restricted Working Space, Add	*116.72*	
		For Owner Furnished Material, Deduct	*-1,983.81*	
22 11 19 00-0179	EA	6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series)	3,899.35	441.41
		For Work In Restricted Working Space, Add	*239.22*	
		For Owner Furnished Material, Deduct	*-3,101.96*	
22 11 19 00-0180	EA	8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series)	7,328.93	662.12
		For Work In Restricted Working Space, Add	*358.83*	
		For Owner Furnished Material, Deduct	*-6,132.84*	
22 11 19 00-0181	EA	10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series)	7,986.48	783.15
		For Work In Restricted Working Space, Add	*427.17*	
		For Owner Furnished Material, Deduct	*-6,562.57*	
22 11 19 00-0182		**N-Pattern Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs** *(22 11 19 00-0147)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N OSY series).		
22 11 19 00-0183	EA	2-1/2" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series)	2,473.11	175.19
		For Work In Restricted Working Space, Add	*70.07*	
		For Owner Furnished Material, Deduct	*-2,239.54*	
22 11 19 00-0184	EA	3" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series)	2,664.08	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-2,404.94*	
22 11 19 00-0185	EA	4" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757 OSY series)	3,352.98	291.98
		For Work In Restricted Working Space, Add	*116.72*	
		For Owner Furnished Material, Deduct	*-2,963.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0186	EA	6" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series)	5,540.09	441.41
		For Work In Restricted Working Space, Add	*239.22*	
		For Owner Furnished Material, Deduct	*-4,742.70*	
22 11 19 00-0187	EA	8" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series)	9,760.67	662.12
		For Work In Restricted Working Space, Add	*358.83*	
		For Owner Furnished Material, Deduct	*-8,564.58*	
22 11 19 00-0188	EA	10" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series)	11,615.25	783.15
		For Work In Restricted Working Space, Add	*427.17*	
		For Owner Furnished Material, Deduct	*-10,191.34*	

22 11 19 00-0189 Double Check Valve Assemblies With NRS Shut-Off Valves *(22 11 19 00-0147)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 NRS series).

22 11 19 00-0190	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	1,769.93	175.19
		For Work In Restricted Working Space, Add	*70.07*	
		For Owner Furnished Material, Deduct	*-1,536.36*	
22 11 19 00-0191	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	1,966.20	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-1,707.06*	
22 11 19 00-0192	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	2,266.76	291.98
		For Work In Restricted Working Space, Add	*116.72*	
		For Owner Furnished Material, Deduct	*-1,877.69*	
22 11 19 00-0193	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	3,815.99	441.41
		For Work In Restricted Working Space, Add	*239.22*	
		For Owner Furnished Material, Deduct	*-3,018.60*	
22 11 19 00-0194	EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	7,248.60	662.12
		For Work In Restricted Working Space, Add	*358.83*	
		For Owner Furnished Material, Deduct	*-6,052.51*	
22 11 19 00-0195	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	8,210.79	783.15
		For Work In Restricted Working Space, Add	*427.17*	
		For Owner Furnished Material, Deduct	*-6,786.88*	

22 11 19 00-0196 N-Pattern Double Check Valve Assemblies With NRS Shut-Offs *(22 11 19 00-0147)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N NRS series).

22 11 19 00-0197	EA	2-1/2" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	2,307.27	175.19
		For Work In Restricted Working Space, Add	*70.07*	
		For Owner Furnished Material, Deduct	*-2,073.70*	
22 11 19 00-0198	EA	3" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	2,498.24	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-2,239.10*	
22 11 19 00-0199	EA	4" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	3,187.35	291.98
		For Work In Restricted Working Space, Add	*116.72*	
		For Owner Furnished Material, Deduct	*-2,798.28*	
22 11 19 00-0200	EA	6" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	5,363.67	441.41
		For Work In Restricted Working Space, Add	*239.22*	
		For Owner Furnished Material, Deduct	*-4,566.28*	
22 11 19 00-0201	EA	8" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	9,493.64	662.12
		For Work In Restricted Working Space, Add	*358.83*	
		For Owner Furnished Material, Deduct	*-8,297.55*	
22 11 19 00-0202	EA	10" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	11,347.44	783.15
		For Work In Restricted Working Space, Add	*427.17*	
		For Owner Furnished Material, Deduct	*-9,923.53*	

22 11 19 00-0203 Double Check Valve Assemblies With Butterfly Shut-Off Valves *(22 11 19 00-0147)*

Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757 BFG series).

22 11 19 00-0204	EA	2-1/2" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	2,045.83	175.19
		For Work In Restricted Working Space, Add	*70.07*	
		For Owner Furnished Material, Deduct	*-1,812.26*	
22 11 19 00-0205	EA	3" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	2,236.79	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-1,977.65*	
22 11 19 00-0206	EA	4" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	2,532.12	291.98
		For Work In Restricted Working Space, Add	*116.72*	
		For Owner Furnished Material, Deduct	*-2,143.05*	
22 11 19 00-0207	EA	6" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	4,062.61	441.41
		For Work In Restricted Working Space, Add	*239.22*	
		For Owner Furnished Material, Deduct	*-3,265.22*	
22 11 19 00-0208	EA	8" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	7,492.18	662.12
		For Work In Restricted Working Space, Add	*358.83*	
		For Owner Furnished Material, Deduct	*-6,296.09*	

22 11 19 00-0209 N-Pattern Double Check Valve Assemblies With Butterfly Shut-Offs *(22 11 19 00-0147)*

Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757N BFG series).

22 11 19 00-0210	EA	2-1/2" N-Pattern Flanged Double Check Assembly With Butterfly Valves (Watts 757 BFG series)	2,632.35	175.19
		For Work In Restricted Working Space, Add	*70.07*	
		For Owner Furnished Material, Deduct	*-2,398.78*	
22 11 19 00-0211	EA	3" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	2,823.32	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-2,564.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0212	EA	4" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	3,512.22	291.98
		For Work In Restricted Working Space, Add	*116.72*	
		For Owner Furnished Material, Deduct	*-3,123.15*	
22 11 19 00-0213	EA	6" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	5,703.38	441.41
		For Work In Restricted Working Space, Add	*239.22*	
		For Owner Furnished Material, Deduct	*-4,905.99*	
22 11 19 00-0214	EA	8" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	7,492.18	662.12
		For Work In Restricted Working Space, Add	*358.83*	
		For Owner Furnished Material, Deduct	*-6,296.09*	

22 11 19 00-0215 Grooved Double Check Valve Assemblies *(22 11 19 00-0131)*

22 11 19 00-0216 Double Check Valve Assemblies With QT Shut-Offs *(22 11 19 00-0215)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757 QT series).

22 11 19 00-0217	EA	2-1/2" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series)	1,769.93	93.43
		For Work In Restricted Working Space, Add	*70.07*	
		For Owner Furnished Material, Deduct	*-1,536.36*	
22 11 19 00-0218	EA	3" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series)	1,966.20	103.66
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-1,707.06*	

22 11 19 00-0219 N-Patten Double Check Valve Assemblies With QT Shut-Offs *(22 11 19 00-0215)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757N QT series).

22 11 19 00-0220	EA	2-1/2" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series)	2,307.27	93.43
		For Work In Restricted Working Space, Add	*70.07*	
		For Owner Furnished Material, Deduct	*-2,073.70*	
22 11 19 00-0221	EA	3" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series)	2,498.24	103.66
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-2,239.10*	

22 11 19 00-0222 Reduced Pressure Zone Backflow Preventer Assemblies *(22 11 19 00-0130)*

22 11 19 00-0223 Threaded Reduced Pressure Zone Assemblies *(22 11 19 00-0222)*

22 11 19 00-0224 Reduced Pressure Zone Assemblies With QT Shut-Offs *(22 11 19 00-0223)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).

22 11 19 00-0225	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	233.82	18.40
		For Work In Restricted Working Space, Add	*13.80*	
		For Owner Furnished Material, Deduct	*-187.83*	
22 11 19 00-0226	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	247.70	20.30
		For Work In Restricted Working Space, Add	*15.23*	
		For Owner Furnished Material, Deduct	*-196.95*	
22 11 19 00-0227	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	286.43	21.25
		For Work In Restricted Working Space, Add	*15.94*	
		For Owner Furnished Material, Deduct	*-233.30*	
22 11 19 00-0228	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	386.04	30.13
		For Work In Restricted Working Space, Add	*22.60*	
		For Owner Furnished Material, Deduct	*-310.71*	
22 11 19 00-0229	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	458.93	36.79
		For Work In Restricted Working Space, Add	*27.60*	
		For Owner Furnished Material, Deduct	*-366.94*	
22 11 19 00-0230	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	682.67	42.82
		For Work In Restricted Working Space, Add	*32.12*	
		For Owner Furnished Material, Deduct	*-575.62*	
22 11 19 00-0231	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	724.81	49.16
		For Work In Restricted Working Space, Add	*36.63*	
		For Owner Furnished Material, Deduct	*-602.70*	
22 11 19 00-0232	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	873.79	63.44
		For Work In Restricted Working Space, Add	*47.58*	
		For Owner Furnished Material, Deduct	*-715.20*	

22 11 19 00-0233 Reduced Pressure Zone Assemblies With QT Shut-Offs And Strainer *(22 11 19 00-0223)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 009 QT-S series).

22 11 19 00-0234	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	256.55	18.40
		For Work In Restricted Working Space, Add	*13.80*	
		For Owner Furnished Material, Deduct	*-210.56*	
22 11 19 00-0235	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	271.66	20.30
		For Work In Restricted Working Space, Add	*15.23*	
		For Owner Furnished Material, Deduct	*-220.91*	
22 11 19 00-0236	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	319.27	30.13
		For Work In Restricted Working Space, Add	*15.94*	
		For Owner Furnished Material, Deduct	*-266.14*	
22 11 19 00-0237	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	437.65	30.13
		For Work In Restricted Working Space, Add	*22.60*	
		For Owner Furnished Material, Deduct	*-362.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0238	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	523.46	36.79
		For Work In Restricted Working Space, Add	*27.60*	
		For Owner Furnished Material, Deduct	*-431.47*	
22 11 19 00-0239	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	770.68	42.82
		For Work In Restricted Working Space, Add	*32.12*	
		For Owner Furnished Material, Deduct	*-663.63*	
22 11 19 00-0240	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	849.00	49.16
		For Work In Restricted Working Space, Add	*36.63*	
		For Owner Furnished Material, Deduct	*-726.89*	
22 11 19 00-0241	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,026.16	63.44
		For Work In Restricted Working Space, Add	*47.58*	
		For Owner Furnished Material, Deduct	*-867.57*	

22 11 19 00-0242 Reduced Pressure Zone Assemblies With QT Shut-Offs *(22 11 19 00-0223)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 919 QT series).

22 11 19 00-0243	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	386.04	30.13
		For Work In Restricted Working Space, Add	*22.60*	
		For Owner Furnished Material, Deduct	*-310.71*	
22 11 19 00-0244	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	458.93	36.79
		For Work In Restricted Working Space, Add	*27.60*	
		For Owner Furnished Material, Deduct	*-366.94*	
22 11 19 00-0245	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	682.67	42.82
		For Work In Restricted Working Space, Add	*32.12*	
		For Owner Furnished Material, Deduct	*-575.62*	
22 11 19 00-0246	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	724.81	49.16
		For Work In Restricted Working Space, Add	*36.63*	
		For Owner Furnished Material, Deduct	*-602.70*	
22 11 19 00-0247	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	873.79	63.44
		For Work In Restricted Working Space, Add	*47.58*	
		For Owner Furnished Material, Deduct	*-715.20*	

22 11 19 00-0248 Reduced Pressure Zone Assemblies With QT Shut-Offs And Strainer *(22 11 19 00-0223)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 919 QT-S series).

22 11 19 00-0249	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	437.65	30.13
		For Work In Restricted Working Space, Add	*22.60*	
		For Owner Furnished Material, Deduct	*-362.32*	
22 11 19 00-0250	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	523.46	36.79
		For Work In Restricted Working Space, Add	*27.60*	
		For Owner Furnished Material, Deduct	*-431.47*	
22 11 19 00-0251	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	770.68	42.82
		For Work In Restricted Working Space, Add	*32.12*	
		For Owner Furnished Material, Deduct	*-663.63*	
22 11 19 00-0252	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	849.00	49.16
		For Work In Restricted Working Space, Add	*36.63*	
		For Owner Furnished Material, Deduct	*-726.89*	
22 11 19 00-0253	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,026.16	63.44
		For Work In Restricted Working Space, Add	*47.58*	
		For Owner Furnished Material, Deduct	*-867.57*	

22 11 19 00-0254 Reduced Pressure Zone Assemblies With QT Shut-Offs *(22 11 19 00-0223)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 909 QT series).

22 11 19 00-0255	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909QT)	564.63	30.13
		For Work In Restricted Working Space, Add	*22.60*	
		For Owner Furnished Material, Deduct	*-489.30*	
22 11 19 00-0256	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909QT)	669.45	36.79
		For Work In Restricted Working Space, Add	*27.60*	
		For Owner Furnished Material, Deduct	*-577.46*	
22 11 19 00-0257	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT)	1,013.38	42.82
		For Work In Restricted Working Space, Add	*32.12*	
		For Owner Furnished Material, Deduct	*-906.33*	
22 11 19 00-0258	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT)	1,099.44	49.16
		For Work In Restricted Working Space, Add	*36.63*	
		For Owner Furnished Material, Deduct	*-977.33*	
22 11 19 00-0259	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT)	1,284.16	63.44
		For Work In Restricted Working Space, Add	*47.58*	
		For Owner Furnished Material, Deduct	*-1,125.57*	

22 11 19 00-0260 Reduced Pressure Zone Assemblies With QT Shut-Offs And Strainer *(22 11 19 00-0223)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 909 QT-S series).

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0261	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909QT-S)	634.15	30.13
		For Work In Restricted Working Space, Add	*22.60*	
		For Owner Furnished Material, Deduct	*-558.82*	
22 11 19 00-0262	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909QT-S)	755.70	36.79
		For Work In Restricted Working Space, Add	*27.60*	
		For Owner Furnished Material, Deduct	*-663.71*	
22 11 19 00-0263	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909M1QT-S)	1,133.16	42.82
		For Work In Restricted Working Space, Add	*32.12*	
		For Owner Furnished Material, Deduct	*-1,026.11*	
22 11 19 00-0264	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909M1QT-S)	1,240.93	49.16
		For Work In Restricted Working Space, Add	*36.63*	
		For Owner Furnished Material, Deduct	*-1,118.82*	
22 11 19 00-0265	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909M1QT-S)	1,483.15	63.44
		For Work In Restricted Working Space, Add	*47.58*	
		For Owner Furnished Material, Deduct	*-1,324.56*	

22 11 19 00-0266 Flanged Reduced Pressure Zone Assemblies *(22 11 19 00-0222)*

22 11 19 00-0267 Reduced Pressure Zone Assemblies With NRS Shut-Offs *(22 11 19 00-0266)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts 009 NRS series).

22 11 19 00-0268	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 009 NRS series)	1,993.54	175.19
		For Work In Restricted Working Space, Add	*70.08*	
		For Owner Furnished Material, Deduct	*-1,759.95*	
22 11 19 00-0269	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 009 NRS series)	2,244.24	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-1,985.10*	

22 11 19 00-0270 Reduced Pressure Zone Assemblies With NRS Shut-Off And Strainer *(22 11 19 00-0266)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts 009 NRS-S series).

22 11 19 00-0271	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 009 NRS-S series)	2,214.10	175.19
		For Work In Restricted Working Space, Add	*70.08*	
		For Owner Furnished Material, Deduct	*-1,980.51*	
22 11 19 00-0272	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 009 NRS-S series)	2,503.37	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-2,244.23*	

22 11 19 00-0273 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0266)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts 009 OSY series).

22 11 19 00-0274	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 009 OSY series)	2,131.32	175.19
		For Work In Restricted Working Space, Add	*70.08*	
		For Owner Furnished Material, Deduct	*-1,897.73*	
22 11 19 00-0275	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 009 OSY series)	2,474.02	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-2,214.88*	

22 11 19 00-0276 Reduced Pressure Zone Assemblies With QT Shut-Offs *(22 11 19 00-0266)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts 009 QT-FDA series).

22 11 19 00-0277	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts 009 QT-FDA series)	2,504.73	175.19
		For Work In Restricted Working Space, Add	*70.08*	
		For Owner Furnished Material, Deduct	*-2,271.14*	
22 11 19 00-0278	EA	3" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts 009 QT-FDA series)	2,862.36	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-2,603.22*	

22 11 19 00-0279 Reduced Pressure Zone Assemblies With QT Shut-Offs *(22 11 19 00-0266)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts FAE 909 QT series).

22 11 19 00-0280	EA	1-1/4" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts FAE 909 QT series)	958.08	109.49
		For Work In Restricted Working Space, Add	*43.80*	
		For Owner Furnished Material, Deduct	*-812.09*	
22 11 19 00-0281	EA	1-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts FAE 909 QT series)	1,064.00	127.75
		For Work In Restricted Working Space, Add	*51.46*	
		For Owner Furnished Material, Deduct	*-892.46*	
22 11 19 00-0282	EA	2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts FAE 909 QT series)	1,259.27	149.64
		For Work In Restricted Working Space, Add	*60.22*	
		For Owner Furnished Material, Deduct	*-1,058.53*	

22 11 19 00-0283 Reduced Pressure Zone Assemblies With QT Shut-Offs And Strainer *(22 11 19 00-0266)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, iron body strainers, and captured spring assemblies (Watts FAE 909 QT-S series).

22 11 19 00-0284	EA	1-1/4" Flanged Reduced Pressure Zone Assembly With QT Shut-offs And Strainer (Watts FAE 909 QT-S series)	1,040.52	109.49
		For Work In Restricted Working Space, Add	*43.80*	
		For Owner Furnished Material, Deduct	*-894.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0285	EA	1-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs And Strainer (Watts FAE 909 QT-S series)	1,329.11	127.75
		For Work In Restricted Working Space, Add	*51.46*	
		For Owner Furnished Material, Deduct	*-1,157.57*	
22 11 19 00-0286	EA	2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs And Strainer (Watts FAE 909 QT-S series)	1,402.39	149.64
		For Work In Restricted Working Space, Add	*60.22*	
		For Owner Furnished Material, Deduct	*-1,201.65*	

22 11 19 00-0287 Reduced Pressure Zone Assemblies With NRS Shut-Offs *(22 11 19 00-0266)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts 909 NRS series).

22 11 19 00-0288	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series)	2,483.75	175.19
		For Work In Restricted Working Space, Add	*70.07*	
		For Owner Furnished Material, Deduct	*-2,250.18*	
22 11 19 00-0289	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series)	2,800.10	197.09
		For Work In Restricted Working Space, Add	*77.75*	
		For Owner Furnished Material, Deduct	*-2,540.95*	
22 11 19 00-0290	EA	4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series)	3,475.69	291.98
		For Work In Restricted Working Space, Add	*116.73*	
		For Owner Furnished Material, Deduct	*-3,086.59*	
22 11 19 00-0291	EA	6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series)	6,031.38	441.41
		For Work In Restricted Working Space, Add	*334.92*	
		For Owner Furnished Material, Deduct	*-4,914.97*	
22 11 19 00-0292	EA	8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909M1 NRS series)	10,282.26	662.12
		For Work In Restricted Working Space, Add	*502.39*	
		For Owner Furnished Material, Deduct	*-8,607.64*	
22 11 19 00-0293	EA	10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909M1 NRS series)	12,864.24	783.15
		For Work In Restricted Working Space, Add	*427.17*	
		For Owner Furnished Material, Deduct	*-11,440.33*	

22 11 19 00-0294 Reduced Pressure Zone Assemblies With NRS Shut-Off And Strainer *(22 11 19 00-0266)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts 909 NRS-S series).

22 11 19 00-0295	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series)	2,686.56	175.19
		For Work In Restricted Working Space, Add	*70.07*	
		For Owner Furnished Material, Deduct	*-2,452.99*	
22 11 19 00-0296	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series)	3,039.08	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-2,779.94*	
22 11 19 00-0297	EA	4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series)	3,936.41	291.98
		For Work In Restricted Working Space, Add	*116.72*	
		For Owner Furnished Material, Deduct	*-3,547.34*	
22 11 19 00-0298	EA	6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series)	6,588.04	441.41
		For Work In Restricted Working Space, Add	*239.22*	
		For Owner Furnished Material, Deduct	*-5,790.65*	
22 11 19 00-0299	EA	8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series)	11,277.43	662.12
		For Work In Restricted Working Space, Add	*358.83*	
		For Owner Furnished Material, Deduct	*-10,081.34*	
22 11 19 00-0300	EA	10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series)	15,397.53	783.15
		For Work In Restricted Working Space, Add	*427.17*	
		For Owner Furnished Material, Deduct	*-13,973.62*	

22 11 19 00-0301 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0266)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts 909 OSY series).

22 11 19 00-0302	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series)	2,567.29	175.19
		For Work In Restricted Working Space, Add	*70.07*	
		For Owner Furnished Material, Deduct	*-2,333.72*	
22 11 19 00-0303	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series)	2,974.47	197.09
		For Work In Restricted Working Space, Add	*77.75*	
		For Owner Furnished Material, Deduct	*-2,715.32*	
22 11 19 00-0304	EA	4" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series)	3,574.63	291.98
		For Work In Restricted Working Space, Add	*116.73*	
		For Owner Furnished Material, Deduct	*-3,185.53*	
22 11 19 00-0305	EA	6" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series)	5,867.45	441.41
		For Work In Restricted Working Space, Add	*239.22*	
		For Owner Furnished Material, Deduct	*-5,070.06*	
22 11 19 00-0306	EA	8" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series)	10,049.93	662.12
		For Work In Restricted Working Space, Add	*358.83*	
		For Owner Furnished Material, Deduct	*-8,853.84*	
22 11 19 00-0307	EA	10" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series)	14,129.90	783.15
		For Work In Restricted Working Space, Add	*427.17*	
		For Owner Furnished Material, Deduct	*-12,705.99*	

22 11 19 00-0308 Reduced Pressure Zone Assemblies With NRS Shut-Offs *(22 11 19 00-0266)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated bronze body gate valves, and captured spring assemblies (Watts 909 NRS BB series).

22 11 19 00-0309	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS BB series)	4,167.40	175.19
		For Work In Restricted Working Space, Add	*70.08*	
		For Owner Furnished Material, Deduct	*-3,933.81*	
22 11 19 00-0310	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS BB series)	4,701.25	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-4,442.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0311		**Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs** *(22 11 19 00-0266)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated bronze body gate valves, and captured spring assemblies (Watts 909 OSY BB series).		
22 11 19 00-0312	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY BB series)	4,355.86	175.19
		For Work In Restricted Working Space, Add	*70.08*	
		For Owner Furnished Material, Deduct	*-4,122.27*	
22 11 19 00-0313	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY BB series)	5,055.51	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-4,796.37*	
22 11 19 00-0314		**Double Check Detector Assemblies** *(22 11 19 00-0130)*		
22 11 19 00-0315		**Flanged Double Check Detector Assemblies With Meter** *(22 11 19 00-0314)*		
22 11 19 00-0316		**Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter** *(22 11 19 00-0315)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, two epoxy coated iron body check valves, and meter (Watts 709 DCDA OSY series).		
22 11 19 00-0317	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	3,675.94	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-3,416.80*	
22 11 19 00-0318	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	3,885.15	291.98
		For Work In Restricted Working Space, Add	*116.72*	
		For Owner Furnished Material, Deduct	*-3,496.08*	
22 11 19 00-0319	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	5,337.18	441.41
		For Work In Restricted Working Space, Add	*239.22*	
		For Owner Furnished Material, Deduct	*-4,539.79*	
22 11 19 00-0320	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	9,402.02	662.12
		For Work In Restricted Working Space, Add	*358.83*	
		For Owner Furnished Material, Deduct	*-8,205.93*	
22 11 19 00-0321	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	12,638.64	783.15
		For Work In Restricted Working Space, Add	*427.17*	
		For Owner Furnished Material, Deduct	*-11,214.73*	
22 11 19 00-0322		**Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter** *(22 11 19 00-0315)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA OSY series).		
22 11 19 00-0323	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	2,764.88	175.19
		For Work In Restricted Working Space, Add	*70.08*	
		For Owner Furnished Material, Deduct	*-2,531.29*	
22 11 19 00-0324	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	2,955.65	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-2,696.51*	
22 11 19 00-0325	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	3,254.89	291.98
		For Work In Restricted Working Space, Add	*116.72*	
		For Owner Furnished Material, Deduct	*-2,865.82*	
22 11 19 00-0326	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	4,518.63	441.41
		For Work In Restricted Working Space, Add	*239.22*	
		For Owner Furnished Material, Deduct	*-3,721.24*	
22 11 19 00-0327	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	7,922.56	662.12
		For Work In Restricted Working Space, Add	*358.83*	
		For Owner Furnished Material, Deduct	*-6,726.47*	
22 11 19 00-0328	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	9,346.80	783.15
		For Work In Restricted Working Space, Add	*427.17*	
		For Owner Furnished Material, Deduct	*-7,922.89*	
22 11 19 00-0329		**Double Check Detector Assembly With Butterfly Valves And Meter** *(22 11 19 00-0315)* Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA BFG series).		
22 11 19 00-0330	EA	2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	2,924.15	175.19
		For Work In Restricted Working Space, Add	*70.08*	
		For Owner Furnished Material, Deduct	*-2,690.56*	
22 11 19 00-0331	EA	3" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	3,114.93	197.09
		For Work In Restricted Working Space, Add	*77.74*	
		For Owner Furnished Material, Deduct	*-2,855.79*	
22 11 19 00-0332	EA	4" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	3,414.13	291.98
		For Work In Restricted Working Space, Add	*116.72*	
		For Owner Furnished Material, Deduct	*-3,025.06*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0333	EA	6" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	4,681.88	441.41
		For Work In Restricted Working Space, Add	*239.22*	
		For Owner Furnished Material, Deduct	*-3,884.49*	
22 11 19 00-0334	EA	8" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	7,726.69	662.12
		For Work In Restricted Working Space, Add	*358.83*	
		For Owner Furnished Material, Deduct	*-6,530.60*	

22 11 19 00-0335 Flanged Double Check Detector Assemblies Without Meter *(22 11 19 00-0314)*

22 11 19 00-0336 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs Less Meter *(22 11 19 00-0335)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA OSY LM series).

22 11 19 00-0337	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	2,714.59	175.19
		For Work In Restricted Working Space, Add	*70.08*	
22 11 19 00-0338	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	2,905.39	197.09
		For Work In Restricted Working Space, Add	*77.74*	
22 11 19 00-0339	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	3,204.62	291.98
		For Work In Restricted Working Space, Add	*116.72*	
22 11 19 00-0340	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	4,468.36	441.41
		For Work In Restricted Working Space, Add	*239.22*	
22 11 19 00-0341	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	7,872.33	662.12
		For Work In Restricted Working Space, Add	*358.83*	
22 11 19 00-0342	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	9,296.49	783.15
		For Work In Restricted Working Space, Add	*427.17*	

22 11 19 00-0343 Double Check Detector Assembly With Butterfly Valves Less Meter *(22 11 19 00-0335)*

Note: Includes ball type test cocks, two butterfly resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA BFG LM series).

22 11 19 00-0344	EA	2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	2,873.85	175.19
		For Work In Restricted Working Space, Add	*70.08*	
22 11 19 00-0345	EA	3" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	3,064.63	197.09
		For Work In Restricted Working Space, Add	*77.74*	
22 11 19 00-0346	EA	4" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	3,363.86	291.98
		For Work In Restricted Working Space, Add	*116.72*	
22 11 19 00-0347	EA	6" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	4,631.58	441.41
		For Work In Restricted Working Space, Add	*239.22*	
22 11 19 00-0348	EA	8" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	8,035.58	662.12
		For Work In Restricted Working Space, Add	*358.83*	

22 11 19 00-0349 Backflow Preventer Accessories *(22 11 19 00-0130)*

22 11 19 00-0350 Air Gap *(22 11 19 00-0349)*

22 11 19 00-0351	EA	Up To 1" Diameter Air Gap For Backflow Preventer	62.80	9.91
22 11 19 00-0352	EA	1-1/4" To 2" Diameter Air Gap For Backflow Preventer	77.06	11.89
22 11 19 00-0353	EA	2-1/2" To 3" Diameter Air Gap For Backflow Preventer	140.17	15.86
22 11 19 00-0354	EA	4" To 6" Diameter Air Gap For Backflow Preventer	274.72	27.75
22 11 19 00-0355	EA	8" To 10" Diameter Air Gap For Backflow Preventer	298.52	39.64

22 11 19 00-0356 Brass Test Cocks *(22 11 19 00-0349)*

22 11 19 00-0357	EA	1/8" Or 1/4" Brass Test Cock	20.68	3.97

22 11 19 00-0358 Backflow Valve Enclosures *(22 11 19 00-0130)*

22 11 19 00-0359 Flip-Top, Insulated Fiberglass Valve Enclosures *(22 11 19 00-0358)*

Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.

22 11 19 00-0360	EA	19" Length x 11" Width x 22" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	612.81	71.36
		For Heated Enclosure, Add	*74.08*	
22 11 19 00-0361	EA	27" Length x 13" Width x 23" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	751.00	71.36
		For Heated Enclosure, Add	*94.81*	
22 11 19 00-0362	EA	27" Length x 13" Width x 35" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	948.23	65.70
		For Heated Enclosure, Add	*125.81*	
22 11 19 00-0363	EA	33" Length x 21" Width x 25" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	988.34	87.60
		For Heated Enclosure, Add	*126.35*	
22 11 19 00-0364	EA	39" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,035.20	87.60
		For Heated Enclosure, Add	*133.38*	
22 11 19 00-0365	EA	47" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,217.85	87.60
		For Heated Enclosure, Add	*160.78*	
22 11 19 00-0366	EA	39" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,222.66	87.60
		For Heated Enclosure, Add	*161.50*	
22 11 19 00-0367	EA	47" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,533.88	87.60
		For Heated Enclosure, Add	*208.18*	
22 11 19 00-0368	EA	70" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	3,522.30	131.39
		For Heated Enclosure, Add	*495.50*	
22 11 19 00-0369	EA	83" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	5,092.84	131.39
		For Heated Enclosure, Add	*731.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0370	EA	70" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	4,840.50	131.39
		For Heated Enclosure, Add	*693.23*	
22 11 19 00-0371	EA	83" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	5,827.48	153.29
		For Heated Enclosure, Add	*835.80*	

22 11 19 00-0372 One-Piece Drop Over, Insulated Fiberglass Valve Enclosures *(22 11 19 00-0358)*

Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.

22 11 19 00-0373	EA	20" Length x 6-1/2" Width x 22" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	332.13	19.03
		For Heated Enclosure, Add	*60.08*	
22 11 19 00-0374	EA	27" Length x 14" Width x 26" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	459.50	19.03
		For Heated Enclosure, Add	*85.56*	
22 11 19 00-0375	EA	38-1/2" Length x 12" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	574.74	17.52
		For Heated Enclosure, Add	*109.11*	
22 11 19 00-0376	EA	47" Length x 13" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	865.54	17.52
		For Heated Enclosure, Add	*167.27*	
22 11 19 00-0377	EA	70" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	2,236.93	32.84
		For Heated Enclosure, Add	*436.44*	
22 11 19 00-0378	EA	83" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	3,050.44	32.84
		For Heated Enclosure, Add	*599.14*	
22 11 19 00-0379	EA	45" Length x 35" Width x 35" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	2,035.05	32.84
		For Heated Enclosure, Add	*396.06*	
22 11 19 00-0380	EA	53" Length x 44" Width x 44" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	2,301.82	32.84
		For Heated Enclosure, Add	*449.41*	
22 11 19 00-0381	EA	61" Length x 52" Width x 50" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	3,595.98	32.84
		For Heated Enclosure, Add	*708.25*	

22 11 19 00-0382 Sectional, Insulated Aluminum Valve Enclosures *(22 11 19 00-0358)*

Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.

22 11 19 00-0383	EA	70" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	4,578.21	142.73
		For Heated Enclosure, Add	*651.05*	
22 11 19 00-0384	EA	83" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	5,043.25	142.73
		For Heated Enclosure, Add	*720.80*	
22 11 19 00-0385	EA	53" Length x 33" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	3,578.78	131.39
		For Heated Enclosure, Add	*503.97*	
22 11 19 00-0386	EA	53" Length x 44" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	3,922.44	131.39
		For Heated Enclosure, Add	*555.52*	
22 11 19 00-0387	EA	90" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	4,568.62	175.19
		For Heated Enclosure, Add	*641.50*	
22 11 19 00-0388	EA	102" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	5,118.97	175.19
		For Heated Enclosure, Add	*724.05*	
22 11 19 00-0389	EA	90" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	5,118.97	175.19
		For Heated Enclosure, Add	*724.05*	
22 11 19 00-0390	EA	102" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	5,652.50	175.19
		For Heated Enclosure, Add	*804.08*	
22 11 19 00-0391	EA	62" Length x 39" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	4,248.53	153.29
		For Heated Enclosure, Add	*598.96*	
22 11 19 00-0392	EA	62" Length x 53" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	4,973.57	175.19
		For Heated Enclosure, Add	*702.24*	
22 11 19 00-0393	EA	105" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	5,806.31	175.19
		For Heated Enclosure, Add	*827.15*	
22 11 19 00-0394	EA	125" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	6,372.51	186.14
		For Heated Enclosure, Add	*909.34*	
22 11 19 00-0395	EA	105" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	6,537.47	202.21
		For Heated Enclosure, Add	*930.07*	
22 11 19 00-0396	EA	125" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	7,244.63	214.10
		For Heated Enclosure, Add	*1,033.17*	
22 11 19 00-0397	EA	105" Length x 36" Width x 80" Height, Sectional, Insulated Aluminum Valve Enclosure	7,491.46	197.09
		For Heated Enclosure, Add	*1,074.45*	
22 11 19 00-0398	EA	72" Length x 45" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	5,445.81	175.19
		For Heated Enclosure, Add	*773.07*	
22 11 19 00-0399	EA	72" Length x 45" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	5,802.70	175.19
		For Heated Enclosure, Add	*826.61*	
22 11 19 00-0400	EA	72" Length x 65" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	6,563.57	186.14
		For Heated Enclosure, Add	*938.00*	
22 11 19 00-0401	EA	72" Length x 65" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	7,949.28	197.09
		For Heated Enclosure, Add	*1,143.12*	
22 11 19 00-0402	EA	118" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	6,941.10	87.60
		For Heated Enclosure, Add	*991.89*	
22 11 19 00-0403	EA	142" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	8,335.23	87.60
		For Heated Enclosure, Add	*1,198.28*	
22 11 19 00-0404	EA	118" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	8,060.06	131.39
		For Heated Enclosure, Add	*1,157.00*	
22 11 19 00-0405	EA	142" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	9,349.87	131.39
		For Heated Enclosure, Add	*1,345.00*	
22 11 19 00-0406	EA	142" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	8,628.66	131.39
		For Heated Enclosure, Add	*1,239.55*	
22 11 19 00-0407	EA	172" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	10,081.88	153.29
		For Heated Enclosure, Add	*1,452.06*	
22 11 19 00-0408	EA	142" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	10,118.38	131.39
		For Heated Enclosure, Add	*1,452.06*	
22 11 19 00-0409	EA	172" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	11,999.40	131.39
		For Heated Enclosure, Add	*1,728.74*	

22 11 19 00-0410 Faucets (Hose Bibbs) *(22 11 19)*

22 11 19 00-0411 Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends *(22 11 19 00-0410)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0412	EA	1/2", 125 LB Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	38.34	7.92
22 11 19 00-0413	EA	3/4" Faucet, Bronze Garden Hose Valve With Screwed Ends, 125#	44.97	8.72
22 11 19 00-0414	EA	3/4" Hose Valve With Screwed Ends And Vacuum Breaker, 125#	13.28	5.95
22 11 19 00-0415		Chrome Plated Brass Hose Valves, Screwed Ends *(22 11 19 00-0410)*		
22 11 19 00-0416	EA	3/4" Hose Valve With Screwed Ends; Chicago Faucets #387-CP	91.44	24.27
22 11 19 00-0417		Antisiphon Freezeless Wall Faucet *(22 11 19 00-0410)*		
22 11 19 00-0418	EA	4" Long, 1/2" Antisiphon Freezeless Wall Faucet	92.44	19.83
22 11 19 00-0419	EA	6" Long, 1/2" Antisiphon Freezeless Wall Faucet	100.29	21.96
22 11 19 00-0420	EA	8" Long, 1/2" Antisiphon Freezeless Wall Faucet	106.15	23.23
22 11 19 00-0421	EA	10" Long, 1/2" Antisiphon Freezeless Wall Faucet	112.00	24.90
22 11 19 00-0422	EA	12" Long, 1/2" Antisiphon Freezeless Wall Faucet	117.94	26.40
22 11 19 00-0423		Escutcheons *(22 11 19)*		
22 11 19 00-0424		Brass Escutcheons *(22 11 19 00-0423)*		
22 11 19 00-0425		Shallow Brass Escutcheons *(22 11 19 00-0424)*		
22 11 19 00-0426	EA	3/8" IPS, Antique Or Polished Brass Shallow Escutcheon	10.21	1.98
22 11 19 00-0427	EA	1/2" IPS, Antique Or Polished Brass Shallow Escutcheon	11.10	1.98
22 11 19 00-0428		Deep Bell Brass Escutcheons *(22 11 19 00-0424)*		
22 11 19 00-0429	EA	3/8" IPS, Antique Or Polished Deep Bell Brass Escutcheon	12.26	2.22
22 11 19 00-0430	EA	1/2" IPS, Antique Or Polished Deep Bell Brass Escutcheon	12.29	2.22
22 11 19 00-0431		Chrome Plated Brass Escutcheons With Setscrew *(22 11 19 00-0424)*		
22 11 19 00-0432	EA	3/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	12.02	1.98
22 11 19 00-0433	EA	1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	12.13	1.98
22 11 19 00-0434	EA	5/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	12.30	1.98
22 11 19 00-0435	EA	3/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	12.90	1.98
22 11 19 00-0436	EA	7/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	13.15	2.38
22 11 19 00-0437	EA	1" IPS, Chrome Plated Brass Escutcheon With Setscrew	13.74	2.38
22 11 19 00-0438	EA	1-1/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	14.32	2.62
22 11 19 00-0439	EA	1-1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	15.01	2.78
22 11 19 00-0440	EA	2" IPS, Chrome Plated Brass Escutcheon With Setscrew	21.08	3.17
22 11 19 00-0441		Plastic Escutcheons *(22 11 19 00-0423)*		
22 11 19 00-0442		Split-Ring White Plastic Escutcheons *(22 11 19 00-0441)*		
22 11 19 00-0443	EA	3/8" IPS, Split-Ring White Plastic Escutcheon	4.20	1.98
22 11 19 00-0444	EA	1/2" IPS, Split-Ring White Plastic Escutcheon	4.20	1.98
22 11 19 00-0445	EA	3/4" IPS, Split-Ring White Plastic Escutcheon	4.72	2.21
22 11 19 00-0446	EA	1" IPS, Split-Ring White Plastic Escutcheon	5.13	2.37
22 11 19 00-0447	EA	1-1/4" IPS, Split-Ring White Plastic Escutcheon	5.55	2.61
22 11 19 00-0448	EA	1-1/2" IPS, Split-Ring White Plastic Escutcheon	5.95	2.76
22 11 19 00-0449	EA	2" IPS, Split-Ring White Plastic Escutcheon	6.78	3.16
22 11 19 00-0450	EA	2-1/2" IPS, Split-Ring White Plastic Escutcheon	7.70	3.40
22 11 19 00-0451	EA	3" IPS, Split-Ring White Plastic Escutcheon	8.61	3.56
22 11 19 00-0452	EA	4" IPS, Split-Ring White Plastic Escutcheon	9.92	3.95
22 11 19 00-0453		Chrome Plate Plastic Escutcheons *(22 11 19 00-0441)*		
22 11 19 00-0454	EA	1/2" IPS, Chrome Plate Plastic Escutcheon	4.63	1.98
22 11 19 00-0455	EA	3/4" IPS, Chrome Plate Plastic Escutcheon	5.08	2.21
22 11 19 00-0456	EA	1" IPS, Chrome Plate Plastic Escutcheon	5.60	2.37
22 11 19 00-0457	EA	1-1/4" IPS, Chrome Plate Plastic Escutcheon	6.13	2.61
22 11 19 00-0458	EA	1-1/2" IPS, Chrome Plate Plastic Escutcheon	6.54	2.76
22 11 19 00-0459	EA	2" IPS, Chrome Plate Plastic Escutcheon	7.78	3.16
22 11 19 00-0460	EA	2-1/2" IPS, Chrome Plate Plastic Escutcheon	9.48	3.40
22 11 19 00-0461	EA	3" IPS, Chrome Plate Plastic Escutcheon	9.93	3.56
22 11 19 00-0462	EA	4" IPS, Chrome Plate Plastic Escutcheon	10.83	3.95
22 11 19 00-0463		Stainless Steel Escutcheons *(22 11 19 00-0423)*		
22 11 19 00-0464		Shallow Stainless Steel Escutcheons *(22 11 19 00-0463)*		
22 11 19 00-0465	EA	3/8" IPS, Shallow Stainless Steel Escutcheon	10.24	1.98
22 11 19 00-0466	EA	1/2" IPS, Shallow Stainless Steel Escutcheon	10.24	1.98
22 11 19 00-0467	EA	3/4" IPS, Shallow Stainless Steel Escutcheon	14.07	2.22
22 11 19 00-0468		Chrome Plated Steel Escutcheons *(22 11 19 00-0423)*		
22 11 19 00-0469		Split-Ring Chrome Plated Steel Escutcheons *(22 11 19 00-0468)*		
22 11 19 00-0470	EA	1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	4.30	1.98
22 11 19 00-0471	EA	3/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	4.70	2.21
22 11 19 00-0472	EA	1" IPS, Split-Ring Chrome Plated Steel Escutcheon	5.15	2.37
22 11 19 00-0473	EA	1-1/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	5.55	2.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0474	EA	1-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	5.94	2.76
22 11 19 00-0475	EA	2" IPS, Split-Ring Chrome Plated Steel Escutcheon	6.84	3.16
22 11 19 00-0476	EA	2-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	9.55	3.40
22 11 19 00-0477	EA	3" IPS, Split-Ring Chrome Plated Steel Escutcheon	10.13	3.56
22 11 19 00-0478	EA	3-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	12.14	3.80
22 11 19 00-0479	EA	4" IPS, Split-Ring Chrome Plated Steel Escutcheon	11.08	3.95
22 11 19 00-0480	EA	5" IPS, Split-Ring Chrome Plated Steel Escutcheon	13.90	4.35
22 11 19 00-0481	EA	6" IPS, Split-Ring Chrome Plated Steel Escutcheon	16.03	4.74
22 11 19 00-0482		Split-Ring/Springs Chrome Plated Steel Escutcheons *(22 11 19 00-0468)*		
22 11 19 00-0483	EA	3/8" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	6.23	1.98
22 11 19 00-0484	EA	1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	6.23	1.98
22 11 19 00-0485	EA	3/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	6.71	2.21
22 11 19 00-0486	EA	1" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	7.29	2.37
22 11 19 00-0487	EA	1-1/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	8.00	2.61
22 11 19 00-0488	EA	1-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	8.49	2.76
22 11 19 00-0489	EA	2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	10.01	3.16
22 11 19 00-0490	EA	2-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	11.36	3.40
22 11 19 00-0491	EA	3" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	13.58	3.56
22 11 19 00-0492	EA	3-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	16.36	3.80
22 11 19 00-0493	EA	4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	16.68	3.95
22 11 19 00-0494	EA	5" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	26.38	4.35
22 11 19 00-0495	EA	6" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	27.64	4.74
22 11 19 00-0496		Deep Bell Chrome Plated Steel Escutcheons *(22 11 19 00-0468)*		
22 11 19 00-0497	EA	3/8" IPS, Deep Bell Chrome Plated Steel Escutcheon	5.16	2.22
22 11 19 00-0498	EA	1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon	5.11	2.22
22 11 19 00-0499	EA	3/4" IPS, Deep Bell Chrome Plated Steel Escutcheon	4.99	2.22
22 11 19 00-0500	EA	1" IPS, Deep Bell Chrome Plated Steel Escutcheon	5.47	2.38
22 11 19 00-0501	EA	1-1/4" IPS, Deep Bell Chrome Plated Steel Escutcheon	5.95	2.62
22 11 19 00-0502	EA	1-1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon	6.51	2.78
22 11 19 00-0503		Shallow Chrome Plated Steel Escutcheons *(22 11 19 00-0468)*		
22 11 19 00-0504	EA	3/8" IPS, Shallow Chrome Plated Steel Escutcheon	4.76	1.98
22 11 19 00-0505	EA	1/2" IPS, Shallow Chrome Plated Steel Escutcheon	4.76	1.98
22 11 19 00-0506	EA	3/4" IPS, Shallow Chrome Plated Steel Escutcheon	4.82	1.98
22 11 19 00-0507	EA	1" IPS, Shallow Chrome Plated Steel Escutcheon	5.13	2.38
22 11 19 00-0508	EA	1-1/4" IPS, Shallow Chrome Plated Steel Escutcheon	5.57	2.62
22 11 19 00-0509	EA	1-1/2" IPS, Shallow Chrome Plated Steel Escutcheon	6.12	2.78
22 11 19 00-0510	EA	2" IPS, Shallow Chrome Plated Steel Escutcheon	6.95	3.17
22 11 19 00-0511		Keyed, Recessed Valve Boxes *(22 11 19)*		
22 11 19 00-0512	EA	8" x 8" x 4" Painted Steel, Keyed, Recessed Valve Box	187.42	23.71
22 11 19 00-0513	EA	8" x 8" x 6" Painted Steel, Keyed, Recessed Valve Box	207.42	23.71
22 11 19 00-0514	EA	8" x 8" x 8" Painted Steel, Keyed, Recessed Valve Box	237.42	23.71
22 11 19 00-0515	EA	12" x 12" x 4" Painted Steel, Keyed, Recessed Valve Box	233.22	31.62
22 11 19 00-0516	EA	12" x 12" x 6" Painted Steel, Keyed, Recessed Valve Box	263.22	31.62
22 11 19 00-0517	EA	12" x 12" x 8" Painted Steel, Keyed, Recessed Valve Box	272.22	31.62
22 11 19 00-0518	EA	8" x 8" x 4" Stainless Steel, Keyed, Recessed Valve Box	219.42	23.71
22 11 19 00-0519	EA	8" x 8" x 6" Stainless Steel, Keyed, Recessed Valve Box	263.42	23.71
22 11 19 00-0520	EA	8" x 8" x 8" Stainless Steel, Keyed, Recessed Valve Box	302.42	23.71
22 11 19 00-0521	EA	12" x 12" x 4" Stainless Steel, Keyed, Recessed Valve Box	289.22	31.62
22 11 19 00-0522	EA	12" x 12" x 6" Stainless Steel, Keyed, Recessed Valve Box	328.22	31.62
22 11 19 00-0523	EA	12" x 12" x 8" Stainless Steel, Keyed, Recessed Valve Box	343.22	31.62

22 11 23 Domestic Water Pumps *(22 11)*

22 11 23 13 Domestic Water Packaged Booster Pumps And Tanks *(22 11 23)*

Note: Includes motor starter and controls.

22 11 23 13-0001		Simplex Domestic Water Packaged Booster Pumps And Tank *(22 11 23 13)*		
22 11 23 13-0002	EA	1 HP Simplex Domestic Water Packaged Booster Pump And Tank	4,259.56	233.59
22 11 23 13-0003	EA	1.5 HP Simplex Domestic Water Packaged Booster Pump And Tank	4,516.42	313.88
22 11 23 13-0004	EA	2 HP Simplex Domestic Water Packaged Booster Pump And Tank	4,801.33	394.18
22 11 23 13-0005	EA	3 HP Simplex Domestic Water Packaged Booster Pump And Tank	5,072.21	474.47
22 11 23 13-0006	EA	5 HP Simplex Domestic Water Packaged Booster Pump And Tank	5,651.74	554.77
22 11 23 13-0007	EA	7.5 HP Simplex Domestic Water Packaged Booster Pump And Tank	6,301.40	635.06
22 11 23 13-0008	EA	10 HP Simplex Domestic Water Packaged Booster Pump And Tank	6,782.72	715.36
22 11 23 13-0009		Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator *(22 11 23 13)*		
22 11 23 13-0010	EA	100 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	11,867.07	947.64
22 11 23 13-0011	EA	200 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	14,570.03	1,184.55
22 11 23 13-0012	EA	300 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	17,281.90	1,421.45
22 11 23 13-0013		Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator *(22 11 23 13)*		
22 11 23 13-0014	EA	200 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	15,766.00	1,184.55
22 11 23 13-0015	EA	300 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	19,731.19	1,421.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 13-0016	EA	500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	24,429.75	1,658.37
22 11 23 13-0017	EA	750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	30,683.26	1,895.28
22 11 23 13-0018	EA	1000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	36,936.75	2,132.19
22 11 23 13-0019	EA	1750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	42,814.64	2,369.09
22 11 23 13-0020	EA	2500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	48,692.51	2,606.01
22 11 23 13-0021	EA	3750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	54,570.38	2,842.92
22 11 23 13-0022	EA	5000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	60,448.26	3,079.83

22 11 23 39 In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23)*

22 11 23 39-0001 Bronze In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23 39)*
Note: ODP motor.

22 11 23 39-0002	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL30B)	580.46	131.39
22 11 23 39-0003	EA	1/6 HP, 3/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL36B)	593.71	131.39
22 11 23 39-0004	EA	1/6 HP, 1" To 1-1/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL45B)	619.26	133.95
22 11 23 39-0005	EA	1/6 HP, 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL50B)	677.49	139.42
22 11 23 39-0006	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL75B)	1,237.97	188.24
22 11 23 39-0007	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2AB)	1,308.92	188.24
22 11 23 39-0008	EA	1/4 HP, 2-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2AB)	1,887.56	207.26
22 11 23 39-0009	EA	1/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G LD3 AB)	1,979.06	227.70
22 11 23 39-0010	EA	1/3 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G HD3 AB)	2,372.74	250.52
22 11 23 39-0011	EA	1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB35S)	2,443.33	275.71
22 11 23 39-0012	EA	3/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB37S)	2,673.23	302.81
22 11 23 39-0013	EA	1 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB38S)	3,737.44	333.24
22 11 23 39-0014	EA	1-1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB40S)	4,273.58	349.39

22 11 23 39-0015 Cast Iron In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23 39)*
Note: ODP motor.

22 11 23 39-0016	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL30)	597.83	131.39
22 11 23 39-0017	EA	1/6 HP, 3/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL36)	945.11	131.39
22 11 23 39-0018	EA	1/6 HP, 1" To 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	950.39	133.95
22 11 23 39-0019	EA	1/6 HP, 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	967.38	136.86
22 11 23 39-0020	EA	1/6 HP, 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL50)	972.48	139.42
22 11 23 39-0021	EA	1/6 HP, 2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL75)	1,079.67	188.24
22 11 23 39-0022	EA	1/4 HP, 2-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2)	1,297.93	207.26
22 11 23 39-0023	EA	1/3 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G HD30)	1,659.13	250.52
22 11 23 39-0024	EA	1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD35S)	1,758.60	275.71
22 11 23 39-0025	EA	3/4 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD37S)	2,035.16	302.81
22 11 23 39-0026	EA	1 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD38S)	2,675.00	333.24
22 11 23 39-0027	EA	1-1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD40S)	3,091.00	349.39
22 11 23 39-0028	EA	2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	2,846.63	366.98
22 11 23 39-0029	EA	3 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	3,068.50	403.39
22 11 23 39-0030	EA	5 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	3,371.22	427.82
22 11 23 39-0031	EA	7-1/2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	4,191.24	475.36
22 11 23 39-0032	EA	10 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	4,507.06	570.53
22 11 23 39-0033	EA	15 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	5,691.81	665.80

22 12 Facility Potable-Water Storage Tanks *(22 10)*

22 12 19 Facility Ground-Mounted, Potable-Water Storage Tanks *(22 12)*

22 12 19 00-0001 Steel, Horizontal, Ground-Mounted Water Tanks *(22 12 19)*

22 12 19 00-0002	EA	5,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	19,909.47	7,077.75
22 12 19 00-0003	EA	10,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	21,375.10	7,077.75
22 12 19 00-0004	EA	20,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	36,175.55	10,922.47
22 12 19 00-0005	EA	35,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	46,767.13	14,155.50

22 12 19 00-0006 Galvanized Steel, Flat Bottom, Vertical Storage Tanks *(22 12 19)*

22 12 19 00-0007	EA	5,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	22,080.77	7,077.75
22 12 19 00-0008	EA	10,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	27,183.35	7,077.75
22 12 19 00-0009	EA	20,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	41,171.20	10,922.47
22 12 19 00-0010	EA	35,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	56,295.94	14,155.50

22 12 23 Facility Indoor Potable-Water Storage Tanks *(22 12)*

22 12 23 13 Facility Steel, Indoor Potable-Water Storage Pressure Tanks *(22 12 23)*

22 12 23 13-0001 Insulated Glass Lined Storage Tank (A.O. Smith TJ, TJV And TJH) *(22 12 23 13)*

22 12 23 13-0002	EA	80 Gallon ASME Rated Tank, 150PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJ-80A)	1,888.93	291.98
22 12 23 13-0003	EA	119 Gallon Jacketed, Insulated, 150 PSI, Glass Lined Water Heater Storage Tank (TJV-120M)	2,093.27	364.98
22 12 23 13-0004	EA	140 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-140A)	4,402.71	401.47
22 12 23 13-0005	EA	200 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-200A)	4,870.79	437.97
22 12 23 13-0006	EA	250 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-250A)	6,447.38	474.47
22 12 23 13-0007	EA	350 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-350A)	8,411.89	510.97
22 12 23 13-0008	EA	400 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-400A)	9,463.40	547.47

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 12 23 13-0009		EA	500 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-500A)	13,377.17	583.96
22 12 23 13-0010		EA	750 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-750A)	14,536.66	620.46
22 12 23 13-0011		EA	1000 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-1000A)	17,346.10	656.96

22 12 23 13-0012 Uninsulated Glass Lined Storage Tank (A.O. Smith T) *(22 12 23 13)*

22 12 23 13-0013		EA	80 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-80S)	1,603.26	291.98
22 12 23 13-0014		EA	120 Gallon 150 PSA, Uninsulated, Glass Lined Water Storage Tank (T-120S)	2,572.17	364.98
22 12 23 13-0015		EA	140 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-140A)	3,948.38	401.47
22 12 23 13-0016		EA	200 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200S)	3,955.20	437.97
22 12 23 13-0017		EA	200 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200A)	4,139.85	437.97
22 12 23 13-0018		EA	250 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-250A)	5,208.66	474.47
22 12 23 13-0019		EA	325 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-325A)	5,669.11	510.97
22 12 23 13-0020		EA	350 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350S)	5,340.37	510.97
22 12 23 13-0021		EA	350 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350A)	6,057.61	510.97
22 12 23 13-0022		EA	400 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-400A)	6,673.82	547.47
22 12 23 13-0023		EA	500 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-500A)	9,046.47	583.96
22 12 23 13-0024		EA	750 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-750A)	10,520.97	620.46
22 12 23 13-0025		EA	1000 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-1000A)	13,219.65	656.96

22 12 23 26 Facility Plastic, Indoor Potable-Water Storage Non-Pressure Tanks *(22 12 23)*

22 12 23 26-0001 Horizontal Non-Pressurized Polyethylene Tanks *(22 12 23 26)*

Note: Excludes excavation and backfill.

22 12 23 26-0002		EA	100 Gallon Horizontal Non-Pressurized Polyethylene Tank	407.08	164.24
			For Saddle Assembly, Add	*447.78*	
22 12 23 26-0003		EA	150 Gallon Horizontal Non-Pressurized Polyethylene Tank	476.57	191.62
			For Saddle Assembly, Add	*447.78*	
22 12 23 26-0004		EA	200 Gallon Horizontal Non-Pressurized Polyethylene Tank	562.57	218.99
			For Saddle Assembly, Add	*503.88*	
22 12 23 26-0005		EA	300 Gallon Horizontal Non-Pressurized Polyethylene Tank	678.27	246.36
			For Saddle Assembly, Add	*722.78*	
22 12 23 26-0006		EA	335 Gallon Horizontal Non-Pressurized Polyethylene Tank	806.07	273.74
			For Two Tie Down Bands, Add	*262.57*	
22 12 23 26-0007		EA	535 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,043.28	369.22
			For Two Tie Down Bands, Add	*277.97*	
22 12 23 26-0008		EA	1035 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,518.34	430.76
			For Three Tie Down Bands, Add	*466.46*	
22 12 23 26-0009		EA	1335 Gallon Horizontal Non-Pressurized Polyethylene Tank	2,146.89	492.29
			For Three Tie Down Bands, Add	*469.76*	
22 12 23 26-0010		EA	1635 Gallon Horizontal Non-Pressurized Polyethylene Tank	2,659.04	553.83
			For Four Tie Down Bands, Add	*635.14*	
22 12 23 26-0011		EA	2035 Gallon Horizontal Non-Pressurized Polyethylene Tank	3,103.48	615.37
			For Four Tie Down Bands, Add	*859.54*	
22 12 23 26-0012		EA	2635 Gallon Horizontal Non-Pressurized Polyethylene Tank	4,367.53	676.90
			For Four Tie Down Bands, Add	*1,105.94*	
22 12 23 26-0013		EA	3135 Gallon Horizontal Non-Pressurized Polyethylene Tank	5,043.58	738.45
			For Four Tie Down Bands, Add	*1,189.54*	
22 12 23 26-0014		EA	4035 Gallon Horizontal Non-Pressurized Polyethylene Tank	7,218.78	984.59
			For Four Tie Down Bands, Add	*1,334.74*	
22 12 23 26-0015		EA	5025 Gallon Horizontal Non-Pressurized Polyethylene Tank	9,240.48	984.59
			For Five Tie Down Bands, Add	*2,069.92*	

22 12 23 26-0016 Vertical Non-Pressurized Polyethylene Tanks *(22 12 23 26)*

22 12 23 26-0017		EA	100 Gallon Vertical Non-Pressurized Polyethylene Tank	458.07	218.99
22 12 23 26-0018		EA	160 Gallon Vertical Non-Pressurized Polyethylene Tank	541.23	232.67
22 12 23 26-0019		EA	210 Gallon Vertical Non-Pressurized Polyethylene Tank	591.37	246.36
22 12 23 26-0020		EA	300 Gallon Vertical Non-Pressurized Polyethylene Tank	708.17	273.74
22 12 23 26-0021		EA	405 Gallon Vertical Non-Pressurized Polyethylene Tank	813.06	328.48
22 12 23 26-0022		EA	500 Gallon Vertical Non-Pressurized Polyethylene Tank	958.66	383.23
22 12 23 26-0023		EA	800 Gallon Vertical Non-Pressurized Polyethylene Tank	1,320.79	492.29
22 12 23 26-0024		EA	1000 Gallon Vertical Non-Pressurized Polyethylene Tank	1,702.68	615.37
22 12 23 26-0025		EA	2000 Gallon Vertical Non-Pressurized Polyethylene Tank	2,258.38	738.45
22 12 23 26-0026		EA	3000 Gallon Vertical Non-Pressurized Polyethylene Tank	2,917.48	861.52
22 12 23 26-0027		EA	4000 Gallon Vertical Non-Pressurized Polyethylene Tank	4,195.88	984.59
22 12 23 26-0028		EA	5000 Gallon Vertical Non-Pressurized Polyethylene Tank	5,604.07	1,107.66
22 12 23 26-0029		EA	6250 Gallon Vertical Non-Pressurized Polyethylene Tank	6,344.58	1,230.74
22 12 23 26-0030		EA	7000 Gallon Vertical Non-Pressurized Polyethylene Tank	6,990.48	1,353.81
22 12 23 26-0031		EA	8000 Gallon Vertical Non-Pressurized Polyethylene Tank	8,025.77	1,476.88
22 12 23 26-0032		EA	9150 Gallon Vertical Non-Pressurized Polyethylene Tank	9,042.37	1,599.96
22 12 23 26-0033		EA	10500 Gallon Vertical Non-Pressurized Polyethylene Tank	11,103.97	1,723.04
22 12 23 26-0034		EA	12500 Gallon Vertical Non-Pressurized Polyethylene Tank	13,324.17	1,969.18

22 13 Facility Sanitary Sewerage *(22 10)*

22 13 13 Facility Sanitary Sewers *(22 13)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0001		**Fixture Rough-In** *(22 13 13)* Note: Excludes fixture. Not for use when individual component details are available, on remodeling work where partial pipe and fittings are installed or on residential projects. For use on commercial restrooms with multiple toilets, urinals and lavatories. Includes waste and vent pipe and fittings and domestic water supply pipe and fittings. Waste piping is included from fixture outlet tee to floor, vent piping is included from outlet tee within the wall to the ceiling and domestic water supply from ceiling to fixture and stub out with caps. Based on vertical floor to floor of 12'. Use detailed tasks (i.e. individual pipe and fittings, insulation, hangers, etc.) instead of rough-in assembly where possible. See CSI section 22 07 19 00-0000 for insulation, 22 11 16 00-0285 for copper pipe and fittings, 22 13 16 00-0000 for PVC or cast iron sanitary waste and vent pipe and fittings, 23 05 29 00-0000 for hangers.		
22 13 13 00-0002		**Single Fixture Rough-In, Cast Iron Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Single fixtures have one fixture to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0003	EA	Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	659.08	
22 13 13 00-0004	EA	Wall Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	854.09	
22 13 13 00-0005	EA	Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	603.45	
22 13 13 00-0006	EA	Wall Mounted Urinal, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	387.17	
22 13 13 00-0007	EA	Wall Mounted Lavatory, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	456.01	
22 13 13 00-0008	EA	Countertop Kitchen Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	586.50	
22 13 13 00-0009	EA	Bathtub, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	620.04	
22 13 13 00-0010	EA	Free Standing Water Cooler, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	375.42	
22 13 13 00-0011	EA	Floor Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	603.45	
22 13 13 00-0012	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	623.74	
22 13 13 00-0013	EA	Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	587.23	
22 13 13 00-0014	EA	Bidet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	659.08	
22 13 13 00-0015	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	1,030.77	
22 13 13 00-0016	EA	Bathtub/Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	638.31	
22 13 13 00-0017		**Double Fixture Rough-In, Cast Iron Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0018	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	849.80	
22 13 13 00-0019	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	1,144.76	
22 13 13 00-0020	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	734.51	
22 13 13 00-0021	EA	Wall Mounted Urinal, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	458.74	
22 13 13 00-0022	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	623.18	
22 13 13 00-0023	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	658.92	
22 13 13 00-0024	EA	Free Standing Water Cooler, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	435.36	
22 13 13 00-0025	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	741.80	
22 13 13 00-0026	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	654.92	
22 13 13 00-0027	EA	Shower, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	636.69	
22 13 13 00-0028	EA	Bidet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucets.	849.80	
22 13 13 00-0029		**Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Gang fixtures include multiple fixtures to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0030	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	424.55	
22 13 13 00-0031	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	572.38	
22 13 13 00-0032	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture.	367.61	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0033	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	229.73	
22 13 13 00-0034	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	311.61	
22 13 13 00-0035	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	329.44	
22 13 13 00-0036	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	235.93	
22 13 13 00-0037	EA	Rough-in Service Sink, Floor Mounted, Gang Mounted Fixture Including Cast Iron Waste Pipe And Vent And Copper Domestic Supply, Not Including Fixture Or Faucet Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	370.53	
22 13 13 00-0038	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	327.46	
22 13 13 00-0039	EA	Shower, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	318.70	
22 13 13 00-0040	EA	Bidet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	419.44	

22 13 13 00-0041 Single Fixture Rough-In, PVC Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Single fixtures have one fixture to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0042	EA	Floor Mounted Water Closet, Single Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	326.50	
22 13 13 00-0043	EA	Wall Mounted Water Closet, Single Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	307.25	
22 13 13 00-0044	EA	Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture.	319.39	
22 13 13 00-0045	EA	Wall Mounted Urinal, Single Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	182.76	
22 13 13 00-0046	EA	Wall Mounted Lavatory, Single Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	213.29	
22 13 13 00-0047	EA	Countertop Kitchen Sink, Single Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	303.59	
22 13 13 00-0048	EA	Bathtub, Single Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	296.89	
22 13 13 00-0049	EA	Free Standing Water Cooler, Single Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture.	184.01	
22 13 13 00-0050	EA	Floor Mounted Service Sink, Single Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	319.39	
22 13 13 00-0051	EA	Wall Mounted Service Sink, Single Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	346.58	
22 13 13 00-0052	EA	Shower, Single Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	314.57	
22 13 13 00-0053	EA	Bidet, Single Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	326.41	
22 13 13 00-0054	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture.	498.87	
22 13 13 00-0055	EA	Bathtub/Shower, Single Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	312.86	

22 13 13 00-0056 Double Fixture Rough-In, PVC Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0057	EA	Floor Mounted Water Closet, Double Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	377.77	
22 13 13 00-0058	EA	Wall Mounted Water Closet, Double Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	397.80	
22 13 13 00-0059	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixtures.	330.36	
22 13 13 00-0060	EA	Wall Mounted Urinal, Double Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	191.78	
22 13 13 00-0061	EA	Wall Mounted Lavatory, Double Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixtures, carrier and faucets.	302.67	
22 13 13 00-0062	EA	Countertop Kitchen Sink, Double Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixtures and faucets.	312.73	
22 13 13 00-0063	EA	Free Standing Water Cooler, Double Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixtures.	191.57	
22 13 13 00-0064	EA	Floor Mounted Service Sink, Double Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	336.84	
22 13 13 00-0065	EA	Wall Mounted Service Sink, Double Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	350.51	
22 13 13 00-0066	EA	Shower, Double Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	334.22	
22 13 13 00-0067	EA	Bidet, Double Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	377.77	

22 13 13 00-0068 Gang Fixture Rough-In, PVC Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Gang fixtures include multiple fixtures to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0069	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	188.59	
22 13 13 00-0070	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	198.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0071	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture.	165.38	
22 13 13 00-0072	EA	Wall Mounted Urinal, Gang Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	95.93	
22 13 13 00-0073	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	151.32	
22 13 13 00-0074	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	156.19	
22 13 13 00-0075	EA	Free Standing Water Cooler, Gang Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture.	95.79	
22 13 13 00-0076	EA	Floor Mounted Service Sink, Gang Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	168.35	
22 13 13 00-0077	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	175.28	
22 13 13 00-0078	EA	Shower, Gang Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	167.42	
22 13 13 00-0079	EA	Bidet, Gang Fixture Rough-In, PVC Waste And Vent Pipe Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	183.75	

22 13 16 Sanitary Waste And Vent Piping *(22 13)*

22 13 16 00-0001 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings *(22 13 16)*

Note: Acid resistant. ASTM A518.

22 13 16 00-0002 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe *(22 13 16 00-0001)*

22 13 16 00-0003	LF	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	65.80	6.50
22 13 16 00-0004	LF	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	92.46	8.10
22 13 16 00-0005	LF	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	125.54	9.34
22 13 16 00-0006	LF	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	206.33	13.53
22 13 16 00-0007	LF	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	362.79	18.00
22 13 16 00-0008	LF	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	639.89	22.70
22 13 16 00-0009	LF	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	1,139.20	30.57
22 13 16 00-0010	LF	15" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	2,025.48	35.05

22 13 16 00-0011 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Fittings *(22 13 16 00-0001)*

22 13 16 00-0012 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweeps *(22 13 16 00-0011)*

22 13 16 00-0013	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	267.50	55.33
22 13 16 00-0014	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	347.93	60.88
22 13 16 00-0015	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	561.12	72.85
22 13 16 00-0016	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	836.11	89.35
22 13 16 00-0017	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	1,908.14	144.61

22 13 16 00-0018 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends *(22 13 16 00-0011)*

22 13 16 00-0019	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	159.32	55.33
22 13 16 00-0020	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	205.80	60.88
22 13 16 00-0021	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	257.77	72.85
22 13 16 00-0022	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	668.53	89.35
22 13 16 00-0023	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	1,504.45	144.61
22 13 16 00-0024	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	2,277.66	180.17
22 13 16 00-0025	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	3,336.08	216.67

22 13 16 00-0026 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends *(22 13 16 00-0011)*

22 13 16 00-0027	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	159.32	55.33
22 13 16 00-0028	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	205.80	60.88
22 13 16 00-0029	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	257.77	72.85
22 13 16 00-0030	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	494.58	89.35
22 13 16 00-0031	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	1,279.59	144.61
22 13 16 00-0032	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	1,864.32	180.17
22 13 16 00-0033	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	2,636.36	216.67

22 13 16 00-0034 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends *(22 13 16 00-0011)*

22 13 16 00-0035	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	159.32	55.33
22 13 16 00-0036	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	205.80	60.88
22 13 16 00-0037	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	257.59	72.78

22 13 16 00-0038 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweeps *(22 13 16 00-0011)*

22 13 16 00-0039	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	214.47	55.33
22 13 16 00-0040	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	373.38	60.88
22 13 16 00-0041	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	418.99	72.85

22 13 16 00-0042 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tees *(22 13 16 00-0011)*

22 13 16 00-0043	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	225.96	82.77
22 13 16 00-0044	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	281.82	91.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0045	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	389.15	109.57
22 13 16 00-0046	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	646.79	134.28
22 13 16 00-0047	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	1,939.82	217.10
22 13 16 00-0048	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	2,747.23	271.08
22 13 16 00-0049		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tees** *(22 13 16 00-0011)*		
22 13 16 00-0050	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	212.33	79.35
22 13 16 00-0051	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	246.53	85.19
22 13 16 00-0052	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	274.33	88.18
22 13 16 00-0053	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	313.57	97.38
22 13 16 00-0054	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	335.20	100.44
22 13 16 00-0055	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	367.15	103.44
22 13 16 00-0056	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	460.93	116.19
22 13 16 00-0057	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	509.62	119.18
22 13 16 00-0058	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	568.75	124.66
22 13 16 00-0059		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tees** *(22 13 16 00-0011)*		
22 13 16 00-0060	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	255.62	82.77
22 13 16 00-0061	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	306.91	91.54
22 13 16 00-0062	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	416.69	109.57
22 13 16 00-0063		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tees** *(22 13 16 00-0011)*		
22 13 16 00-0064	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	242.00	79.35
22 13 16 00-0065	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	300.39	88.62
22 13 16 00-0066	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	361.08	100.74
22 13 16 00-0067	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	386.70	103.73
22 13 16 00-0068		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wyes** *(22 13 16 00-0011)*		
22 13 16 00-0069	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	223.99	82.92
22 13 16 00-0070	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	305.15	91.76
22 13 16 00-0071	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	389.02	109.49
22 13 16 00-0072	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	650.26	133.77
22 13 16 00-0073	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	2,418.90	216.88
22 13 16 00-0074		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes** *(22 13 16 00-0011)*		
22 13 16 00-0075	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	229.27	79.35
22 13 16 00-0076	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	246.50	85.19
22 13 16 00-0077	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	260.25	88.69
22 13 16 00-0078	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	290.24	97.38
22 13 16 00-0079	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	301.43	100.58
22 13 16 00-0080	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	359.13	103.73
22 13 16 00-0081	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	484.14	116.33
22 13 16 00-0082	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	571.14	119.18
22 13 16 00-0083	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	596.32	124.66
22 13 16 00-0084	EA	8" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	1,431.19	174.97
22 13 16 00-0085	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	1,543.78	180.75
22 13 16 00-0086	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	1,882.14	190.00
22 13 16 00-0087		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 13 16 00-0011)*		
22 13 16 00-0088	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	264.07	82.77
22 13 16 00-0089	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	313.28	91.54
22 13 16 00-0090	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	459.12	109.57
22 13 16 00-0091	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	705.66	133.91
22 13 16 00-0092		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends** *(22 13 16 00-0011)*		
22 13 16 00-0093	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	220.78	79.35
22 13 16 00-0094	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	254.99	85.19
22 13 16 00-0095	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	281.30	88.62
22 13 16 00-0096	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	305.09	97.38
22 13 16 00-0097	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	350.47	100.74
22 13 16 00-0098	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	395.15	103.66
22 13 16 00-0099	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	511.67	116.33
22 13 16 00-0100	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	632.71	119.25
22 13 16 00-0101	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	692.09	124.88
22 13 16 00-0102		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducers** *(22 13 16 00-0011)*		
22 13 16 00-0103	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	137.52	52.12
22 13 16 00-0104	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	150.36	55.04
22 13 16 00-0105	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	167.48	57.96
22 13 16 00-0106	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	263.93	64.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0107	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	276.81	67.23
22 13 16 00-0108	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	302.71	74.54
22 13 16 00-0109	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	389.73	80.24
22 13 16 00-0110	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	563.52	108.48
22 13 16 00-0111	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	600.64	117.66
22 13 16 00-0112		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increasers *(22 13 16 00-0011)*		
22 13 16 00-0113	EA	2" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	364.92	121.68
22 13 16 00-0114	EA	2" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	475.23	121.68
22 13 16 00-0115	EA	3" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	485.13	121.68
22 13 16 00-0116	EA	4" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	556.78	166.24
22 13 16 00-0117		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Traps *(22 13 16 00-0011)*		
22 13 16 00-0118	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	392.66	55.33
22 13 16 00-0119	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	473.08	60.88
22 13 16 00-0120	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	575.97	72.85
22 13 16 00-0121	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	1,680.39	89.35
22 13 16 00-0122		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hubs *(22 13 16 00-0011)*		
22 13 16 00-0123	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	199.62	55.33
22 13 16 00-0124	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	250.35	60.88
22 13 16 00-0125	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	342.62	72.85
22 13 16 00-0126	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	443.32	89.35
22 13 16 00-0127	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	853.03	124.66
22 13 16 00-0128		Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings *(22 13 16 00-0001)*		
		Note: Labor costs for installation of lead and oakum are included in the installation costs for fittings.		
22 13 16 00-0129	LB	Lead (1 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	1.55	
22 13 16 00-0130	LB	Sealtite Packing (1/8 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	38.89	
22 13 16 00-0131		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings *(22 13 16)*		
		Note: ASTM A518.		
22 13 16 00-0132		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe *(22 13 16 00-0131)*		
22 13 16 00-0133	LF	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	52.17	4.89
22 13 16 00-0134	LF	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	59.34	5.40
22 13 16 00-0135	LF	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	81.75	6.79
22 13 16 00-0136	LF	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	103.00	7.89
22 13 16 00-0137		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Fittings *(22 13 16 00-0131)*		
22 13 16 00-0138		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweeps *(22 13 16 00-0137)*		
22 13 16 00-0139	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	196.01	38.76
22 13 16 00-0140	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	212.07	43.79
22 13 16 00-0141	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	288.79	48.33
22 13 16 00-0142	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	348.52	58.39
22 13 16 00-0143		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends *(22 13 16 00-0137)*		
22 13 16 00-0144	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	113.28	38.76
22 13 16 00-0145	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	135.01	43.36
22 13 16 00-0146	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	172.37	48.47
22 13 16 00-0147	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	224.82	57.96
22 13 16 00-0148	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	131.40	40.95
22 13 16 00-0149		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends *(22 13 16 00-0137)*		
22 13 16 00-0150	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	113.28	38.76
22 13 16 00-0151	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	135.01	43.36
22 13 16 00-0152	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	172.37	48.47
22 13 16 00-0153	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	224.82	57.96
22 13 16 00-0154		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bends *(22 13 16 00-0137)*		
22 13 16 00-0155	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	132.38	38.76
22 13 16 00-0156	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	164.71	43.36
22 13 16 00-0157	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	250.86	48.47
22 13 16 00-0158	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	282.10	57.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0159		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends** *(22 13 16 00-0137)*		
22 13 16 00-0160	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	128.13	38.76
22 13 16 00-0161	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	151.98	43.36
22 13 16 00-0162	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	231.77	48.47
22 13 16 00-0163	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	263.01	57.96
22 13 16 00-0164		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bends** *(22 13 16 00-0137)*		
22 13 16 00-0165	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bend	193.52	58.32
22 13 16 00-0166		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tees** *(22 13 16 00-0137)*		
22 13 16 00-0167	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	159.57	58.32
22 13 16 00-0168	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	196.07	65.70
22 13 16 00-0169	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	256.14	73.21
22 13 16 00-0170	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	383.83	87.67
22 13 16 00-0171		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tees** *(22 13 16 00-0137)*		
22 13 16 00-0172	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	183.88	63.22
22 13 16 00-0173	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	223.09	68.17
22 13 16 00-0174	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Sanitary Reducing Tee	237.31	70.58
22 13 16 00-0175	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	254.61	77.89
22 13 16 00-0176	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	279.18	80.07
22 13 16 00-0177	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	301.92	82.48
22 13 16 00-0178		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wyes** *(22 13 16 00-0137)*		
22 13 16 00-0179	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	159.86	58.54
22 13 16 00-0180	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	187.58	65.70
22 13 16 00-0181	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	247.65	73.21
22 13 16 00-0182	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	383.83	87.67
22 13 16 00-0183		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes** *(22 13 16 00-0137)*		
22 13 16 00-0184	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	178.01	63.58
22 13 16 00-0185	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	216.71	68.10
22 13 16 00-0186	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	227.03	70.80
22 13 16 00-0187	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	254.97	78.11
22 13 16 00-0188	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	279.84	80.52
22 13 16 00-0189	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	295.86	82.70
22 13 16 00-0190		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wyes** *(22 13 16 00-0137)*		
22 13 16 00-0191	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	237.80	77.96
22 13 16 00-0192	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	301.19	87.74
22 13 16 00-0193	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	383.12	97.09
22 13 16 00-0194	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	497.44	116.72
22 13 16 00-0195	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	261.70	82.56
22 13 16 00-0196	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	292.32	87.45
22 13 16 00-0197	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	346.27	92.26
22 13 16 00-0198	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	382.27	102.20
22 13 16 00-0199	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	457.92	107.37
22 13 16 00-0200		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Crosses** *(22 13 16 00-0137)*		
22 13 16 00-0201	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	263.20	77.96
22 13 16 00-0202	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	309.51	87.60
22 13 16 00-0203	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	439.09	97.59
22 13 16 00-0204	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	610.06	116.87
22 13 16 00-0205	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	282.88	82.56
22 13 16 00-0206	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	366.53	87.45
22 13 16 00-0207	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	386.52	92.26
22 13 16 00-0208	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	414.05	102.13
22 13 16 00-0209	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	523.12	106.94
22 13 16 00-0210		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 13 16 00-0137)*		
22 13 16 00-0211	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	176.25	58.10
22 13 16 00-0212	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	204.56	65.70
22 13 16 00-0213	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	247.65	73.21
22 13 16 00-0214	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	407.16	87.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0215		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0137)*		
22 13 16 00-0216	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	194.55	63.29
22 13 16 00-0217	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	217.00	68.33
22 13 16 00-0218	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	235.52	70.80
22 13 16 00-0219	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	316.49	78.11
22 13 16 00-0220	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	324.39	80.52
22 13 16 00-0221	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	361.62	82.70
22 13 16 00-0222		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bends *(22 13 16 00-0137)*		
22 13 16 00-0223	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	277.89	77.82
22 13 16 00-0224	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	347.63	87.52
22 13 16 00-0225	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	495.85	97.30
22 13 16 00-0226	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	595.58	117.09
22 13 16 00-0227		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0137)*		
22 13 16 00-0228	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	301.97	82.56
22 13 16 00-0229	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	360.15	87.38
22 13 16 00-0230	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	375.92	92.26
22 13 16 00-0231	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	418.29	102.13
22 13 16 00-0232	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	523.12	106.94
22 13 16 00-0233		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducers-Increasers *(22 13 16 00-0137)*		
22 13 16 00-0234	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	132.02	41.39
22 13 16 00-0235	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	148.40	43.79
22 13 16 00-0236	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	174.19	51.10
22 13 16 00-0237	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	204.30	48.54
22 13 16 00-0238	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	216.43	50.95
22 13 16 00-0239	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	228.54	53.36
22 13 16 00-0240		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tees *(22 13 16 00-0137)*		
22 13 16 00-0241	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	121.10	34.09
22 13 16 00-0242	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	140.52	38.55
22 13 16 00-0243	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	165.10	43.65
22 13 16 00-0244	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	296.07	53.14
22 13 16 00-0245		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plugs *(22 13 16 00-0137)*		
22 13 16 00-0246	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	54.53	19.41
22 13 16 00-0247	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	64.33	21.68
22 13 16 00-0248	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	70.28	24.24
22 13 16 00-0249	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	90.14	28.97
22 13 16 00-0250		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Traps *(22 13 16 00-0137)*		
22 13 16 00-0251	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	216.89	38.55
22 13 16 00-0252	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	224.11	43.36
22 13 16 00-0253	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	276.32	48.47
22 13 16 00-0254	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	352.10	57.96
22 13 16 00-0255	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	299.70	41.46
22 13 16 00-0256	EA	2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	410.94	46.28
22 13 16 00-0257	EA	3" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	496.61	51.10
22 13 16 00-0258	EA	4" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	617.32	60.88
22 13 16 00-0259		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum Traps *(22 13 16 00-0137)*		
22 13 16 00-0260	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	399.00	44.02
22 13 16 00-0261	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	626.66	48.69
22 13 16 00-0262	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	415.72	43.79
22 13 16 00-0263	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	626.66	48.69
22 13 16 00-0264		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Traps *(22 13 16 00-0137)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0265	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	371.17	43.79
22 13 16 00-0266	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	435.74	48.69
22 13 16 00-0267	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long P-Trap	428.44	43.79
22 13 16 00-0268	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	934.25	48.69
22 13 16 00-0269	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	558.78	48.69
22 13 16 00-0270		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bends** *(22 13 16 00-0137)*		
22 13 16 00-0271	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	158.09	38.98
22 13 16 00-0272	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	205.71	43.79
22 13 16 00-0273		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapters** *(22 13 16 00-0137)*		
22 13 16 00-0274	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	81.97	29.20
22 13 16 00-0275	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	147.15	31.68
22 13 16 00-0276	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	109.90	36.50
22 13 16 00-0277		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter** *(22 13 16 00-0137)*		
22 13 16 00-0278	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	151.40	41.54
22 13 16 00-0279	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	165.37	43.79
22 13 16 00-0280	EA	1-1/2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	183.86	46.20
22 13 16 00-0281	EA	1-1/2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	197.33	50.95
22 13 16 00-0282	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	183.89	46.28
22 13 16 00-0283	EA	2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	193.87	48.69
22 13 16 00-0284	EA	2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	209.45	53.36
22 13 16 00-0285	EA	3" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	235.75	51.10
22 13 16 00-0286	EA	4" x 4" Mechanical Joint High Silicon Iron Alloy Hub To Mechanical Joint Adapter	290.65	60.88
22 13 16 00-0287		**Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings** *(22 13 16 00-0137)*		
22 13 16 00-0288	EA	1-1/2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	50.91	
22 13 16 00-0289	EA	2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	59.40	
22 13 16 00-0290	EA	3" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	63.64	
22 13 16 00-0291	EA	4" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	70.00	
22 13 16 00-0292		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Fittings** *(22 13 16 00-0137)*		
22 13 16 00-0293	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Outlet	379.22	19.49
22 13 16 00-0294	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Stopper	144.00	9.71
22 13 16 00-0295	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Overflow	267.04	9.71
22 13 16 00-0296		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drains With Stainless Steel Strainer Plates** *(22 13 16 00-0137)*		
22 13 16 00-0297	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain With Stainless Steel Strainer	1,363.62	97.38
22 13 16 00-0298	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sediment Basin Floor Drain With Stainless Steel Strainer	1,680.62	102.27
22 13 16 00-0299	EA	Stainless Steel Funnel Attachment For Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain	1,121.92	9.71
22 13 16 00-0300		**Glass Acid Resistant DWV Pipe And Fittings** *(22 13 16)*		
22 13 16 00-0301		**Glass Acid Resistant DWV Pipe** *(22 13 16 00-0300)*		
22 13 16 00-0302	LF	1-1/2" Glass Acid Resistant DWV Pipe	14.51	4.01
		For Work In Restricted Working Space, Add	*2.41*	
22 13 16 00-0303	LF	2" Glass Acid Resistant DWV Pipe	17.58	4.38
		For Work In Restricted Working Space, Add	*2.63*	
22 13 16 00-0304	LF	3" Glass Acid Resistant DWV Pipe	24.43	6.14
		For Work In Restricted Working Space, Add	*3.69*	
22 13 16 00-0305	LF	4" Glass Acid Resistant DWV Pipe	37.97	7.96
		For Work In Restricted Working Space, Add	*4.78*	
22 13 16 00-0306	LF	6" Glass Acid Resistant DWV Pipe	61.24	10.88
		For Work In Restricted Working Space, Add	*6.52*	
22 13 16 00-0307		**Glass Acid Resistant DWV 90 Or 60 Degree Sweeps** *(22 13 16 00-0300)*		
22 13 16 00-0308	EA	1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	49.48	17.88
		For Work In Restricted Working Space, Add	*10.71*	
22 13 16 00-0309	EA	2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	55.29	18.98
		For Work In Restricted Working Space, Add	*11.36*	
22 13 16 00-0310	EA	3" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	71.74	21.53
		For Work In Restricted Working Space, Add	*12.92*	
22 13 16 00-0311	EA	4" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	102.72	28.47
		For Work In Restricted Working Space, Add	*17.08*	
22 13 16 00-0312	EA	6" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	218.36	39.42
		For Work In Restricted Working Space, Add	*23.65*	
22 13 16 00-0313		**Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweeps** *(22 13 16 00-0300)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0314	EA	1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	49.64	17.95
		For Work In Restricted Working Space, Add	*10.76*	
22 13 16 00-0315	EA	2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	55.00	18.76
		For Work In Restricted Working Space, Add	*11.28*	
22 13 16 00-0316	EA	3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	71.59	21.46
		For Work In Restricted Working Space, Add	*12.88*	
22 13 16 00-0317	EA	4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	102.72	28.47
		For Work In Restricted Working Space, Add	*17.08*	
22 13 16 00-0318	EA	6" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	218.35	39.42
		For Work In Restricted Working Space, Add	*23.65*	

22 13 16 00-0319 Glass Acid Resistant DWV 90 Or 60 Degree Bends *(22 13 16 00-0300)*

22 13 16 00-0320	EA	1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Bend	50.02	17.95
		For Work In Restricted Working Space, Add	*10.76*	
22 13 16 00-0321	EA	2" Glass Acid Resistant DWV 90 Or 60 Degree Bend	55.45	18.76
		For Work In Restricted Working Space, Add	*11.28*	
22 13 16 00-0322	EA	3" Glass Acid Resistant DWV 90 Or 60 Degree Bend	72.38	21.46
		For Work In Restricted Working Space, Add	*12.88*	
22 13 16 00-0323	EA	4" Glass Acid Resistant DWV 90 Or 60 Degree Bend	102.72	28.47
		For Work In Restricted Working Space, Add	*17.08*	

22 13 16 00-0324 Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bends *(22 13 16 00-0300)*

22 13 16 00-0325	EA	1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	50.02	17.95
		For Work In Restricted Working Space, Add	*10.76*	
22 13 16 00-0326	EA	2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	55.45	18.76
		For Work In Restricted Working Space, Add	*11.28*	
22 13 16 00-0327	EA	3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	72.38	21.46
		For Work In Restricted Working Space, Add	*12.88*	
22 13 16 00-0328	EA	4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	102.72	28.47
		For Work In Restricted Working Space, Add	*17.08*	

22 13 16 00-0329 Glass Acid Resistant DWV 90 Degree Bends With Long Leg *(22 13 16 00-0300)*

22 13 16 00-0330	EA	1-1/2" Glass Acid Resistant DWV 90 Degree Bend With Long Leg	55.39	17.95
		For Work In Restricted Working Space, Add	*10.76*	
22 13 16 00-0331	EA	2" Glass Acid Resistant DWV 90 Degree Bends With Long Leg	63.17	18.76
		For Work In Restricted Working Space, Add	*11.28*	

22 13 16 00-0332 Glass Acid Resistant DWV Double Quarter Bends *(22 13 16 00-0300)*

22 13 16 00-0333	EA	1-1/2" Glass Acid Resistant DWV Double Quarter Bend	78.41	26.86
		For Work In Restricted Working Space, Add	*16.13*	
22 13 16 00-0334	EA	2" x 1-1/2" Glass Acid Resistant DWV Double Quarter Bend	92.92	27.82
		For Work In Restricted Working Space, Add	*16.69*	
22 13 16 00-0335	EA	2" Glass Acid Resistant DWV Double Quarter Bend	88.73	28.18
		For Work In Restricted Working Space, Add	*16.92*	
22 13 16 00-0336	EA	3" Glass Acid Resistant DWV Double Quarter Bend	114.51	32.19
		For Work In Restricted Working Space, Add	*19.32*	
22 13 16 00-0337	EA	4" Glass Acid Resistant DWV Double Quarter Bend	179.09	42.71
		For Work In Restricted Working Space, Add	*25.62*	
22 13 16 00-0338	EA	6" Glass Acid Resistant DWV Double Quarter Bend	268.68	59.13
		For Work In Restricted Working Space, Add	*35.48*	

22 13 16 00-0339 Glass Acid Resistant DWV Sanitary Tees *(22 13 16 00-0300)*

22 13 16 00-0340	EA	1-1/2" Glass Acid Resistant DWV Sanitary Tee	76.25	27.01
		For Work In Restricted Working Space, Add	*16.21*	
22 13 16 00-0341	EA	2" Glass Acid Resistant DWV Sanitary Tee	78.44	28.11
		For Work In Restricted Working Space, Add	*16.86*	
22 13 16 00-0342	EA	3" Glass Acid Resistant DWV Sanitary Tee	97.40	32.12
		For Work In Restricted Working Space, Add	*19.27*	
22 13 16 00-0343	EA	4" Glass Acid Resistant DWV Sanitary Tee	144.89	42.71
		For Work In Restricted Working Space, Add	*25.62*	
22 13 16 00-0344	EA	6" Glass Acid Resistant DWV Sanitary Tee	277.63	59.13
		For Work In Restricted Working Space, Add	*35.48*	

22 13 16 00-0345 Glass Acid Resistant DWV Reducing Sanitary Tees *(22 13 16 00-0300)*

22 13 16 00-0346	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee	77.71	27.74
		For Work In Restricted Working Space, Add	*16.64*	
22 13 16 00-0347	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee	89.90	30.29
		For Work In Restricted Working Space, Add	*18.18*	
22 13 16 00-0348	EA	3" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee	94.41	31.02
		For Work In Restricted Working Space, Add	*18.62*	
22 13 16 00-0349	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee	119.54	37.59
		For Work In Restricted Working Space, Add	*22.56*	
22 13 16 00-0350	EA	4" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee	123.92	37.96
		For Work In Restricted Working Space, Add	*22.78*	
22 13 16 00-0351	EA	4" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee	129.39	39.05
		For Work In Restricted Working Space, Add	*23.43*	
22 13 16 00-0352	EA	6" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee	209.67	48.91
		For Work In Restricted Working Space, Add	*29.34*	
22 13 16 00-0353	EA	6" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee	223.54	50.00
		For Work In Restricted Working Space, Add	*30.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0354	EA	6" x 4" Glass Acid Resistant DWV Reducing Sanitary Tee	231.48	53.65
		For Work In Restricted Working Space, Add	*32.19*	

22 13 16 00-0355 Glass Acid Resistant DWV Double Sanitary Tees *(22 13 16 00-0300)*

22 13 16 00-0356	EA	1-1/2" Glass Acid Resistant DWV Double Sanitary Tee	105.65	35.76
		For Work In Restricted Working Space, Add	*21.47*	
22 13 16 00-0357	EA	2" Glass Acid Resistant DWV Double Sanitary Tee	109.28	37.59
		For Work In Restricted Working Space, Add	*22.55*	
22 13 16 00-0358	EA	3" Glass Acid Resistant DWV Double Sanitary Tee	136.25	43.07
		For Work In Restricted Working Space, Add	*25.84*	
22 13 16 00-0359	EA	4" Glass Acid Resistant DWV Double Sanitary Tee	209.89	56.94
		For Work In Restricted Working Space, Add	*34.16*	
22 13 16 00-0360	EA	6" Glass Acid Resistant DWV Double Sanitary Tee	353.53	78.83
		For Work In Restricted Working Space, Add	*47.31*	

22 13 16 00-0361 Glass Acid Resistant DWV Reducing Double Sanitary Tees *(22 13 16 00-0300)*

22 13 16 00-0362	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	107.82	36.86
		For Work In Restricted Working Space, Add	*22.12*	
22 13 16 00-0363	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	121.59	39.42
		For Work In Restricted Working Space, Add	*23.65*	
22 13 16 00-0364	EA	3" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	127.09	40.15
		For Work In Restricted Working Space, Add	*24.09*	
22 13 16 00-0365	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	173.83	46.35
		For Work In Restricted Working Space, Add	*27.81*	
22 13 16 00-0366	EA	4" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	173.60	47.45
		For Work In Restricted Working Space, Add	*28.47*	
22 13 16 00-0367	EA	4" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee	185.47	50.00
		For Work In Restricted Working Space, Add	*30.01*	
22 13 16 00-0368	EA	6" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	238.58	58.39
		For Work In Restricted Working Space, Add	*35.03*	
22 13 16 00-0369	EA	6" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee	257.08	60.95
		For Work In Restricted Working Space, Add	*36.56*	
22 13 16 00-0370	EA	6" x 4" Glass Acid Resistant DWV Reducing Double Sanitary Tee	290.11	67.88
		For Work In Restricted Working Space, Add	*40.73*	

22 13 16 00-0371 Glass Acid Resistant DWV Tees *(22 13 16 00-0300)*

22 13 16 00-0372	EA	1-1/2" Glass Acid Resistant DWV Tee	81.52	27.01
		For Work In Restricted Working Space, Add	*16.21*	
22 13 16 00-0373	EA	2" Glass Acid Resistant DWV Tee	83.71	28.11
		For Work In Restricted Working Space, Add	*16.86*	
22 13 16 00-0374	EA	3" Glass Acid Resistant DWV Tee	103.95	32.12
		For Work In Restricted Working Space, Add	*19.27*	
22 13 16 00-0375	EA	4" Glass Acid Resistant DWV Tee	155.17	42.71
		For Work In Restricted Working Space, Add	*25.62*	
22 13 16 00-0376	EA	6" Glass Acid Resistant DWV Tee	289.96	59.13
		For Work In Restricted Working Space, Add	*35.48*	

22 13 16 00-0377 Glass Acid Resistant DWV Reducing Tees *(22 13 16 00-0300)*

22 13 16 00-0378	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Tee	82.97	27.74
		For Work In Restricted Working Space, Add	*16.64*	
22 13 16 00-0379	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Tee	95.40	30.29
		For Work In Restricted Working Space, Add	*18.18*	
22 13 16 00-0380	EA	3" x 2" Glass Acid Resistant DWV Reducing Tee	97.65	31.02
		For Work In Restricted Working Space, Add	*18.62*	
22 13 16 00-0381	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Tee	120.74	37.59
		For Work In Restricted Working Space, Add	*22.56*	
22 13 16 00-0382	EA	4" x 2" Glass Acid Resistant DWV Reducing Tee	123.35	37.96
		For Work In Restricted Working Space, Add	*22.77*	
22 13 16 00-0383	EA	4" x 3" Glass Acid Resistant DWV Reducing Tee	141.76	39.05
		For Work In Restricted Working Space, Add	*23.44*	
22 13 16 00-0384	EA	6" x 3" Glass Acid Resistant DWV Reducing Tee	246.14	50.00
		For Work In Restricted Working Space, Add	*30.00*	
22 13 16 00-0385	EA	6" x 4" Glass Acid Resistant DWV Reducing Tee	257.91	53.65
		For Work In Restricted Working Space, Add	*32.18*	

22 13 16 00-0386 Glass Acid Resistant DWV Test Tees With Cleanout *(22 13 16 00-0300)*

22 13 16 00-0387	EA	1-1/2" Glass Acid Resistant DWV Test Tee With Cleanout	90.57	27.01
		For Work In Restricted Working Space, Add	*16.21*	
22 13 16 00-0388	EA	2" Glass Acid Resistant DWV Test Tee With Cleanout	99.05	28.11
		For Work In Restricted Working Space, Add	*16.86*	
22 13 16 00-0389	EA	3" Glass Acid Resistant DWV Test Tee With Cleanout	123.28	32.12
		For Work In Restricted Working Space, Add	*19.27*	
22 13 16 00-0390	EA	4" Glass Acid Resistant DWV Test Tee With Cleanout	199.21	42.71
		For Work In Restricted Working Space, Add	*25.62*	
22 13 16 00-0391	EA	6" Glass Acid Resistant DWV Test Tee With Cleanout	289.96	59.13
		For Work In Restricted Working Space, Add	*35.48*	

22 13 16 00-0392 Glass Acid Resistant DWV Wyes *(22 13 16 00-0300)*

22 13 16 00-0393	EA	1-1/2" Glass Acid Resistant DWV Wye	77.38	27.01
		For Work In Restricted Working Space, Add	*16.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0394	EA	2" Glass Acid Resistant DWV Wye	79.57	28.11
		For Work In Restricted Working Space, Add	*16.86*	
22 13 16 00-0395	EA	3" Glass Acid Resistant DWV Wye	101.92	32.12
		For Work In Restricted Working Space, Add	*19.27*	
22 13 16 00-0396	EA	4" Glass Acid Resistant DWV Wye	149.93	42.71
		For Work In Restricted Working Space, Add	*25.62*	
22 13 16 00-0397	EA	6" Glass Acid Resistant DWV Wye	274.18	59.13
		For Work In Restricted Working Space, Add	*35.48*	

22 13 16 00-0398 Glass Acid Resistant DWV Reducing Wyes *(22 13 16 00-0300)*

22 13 16 00-0399	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Wye	78.83	27.74
		For Work In Restricted Working Space, Add	*16.64*	
22 13 16 00-0400	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Wye	92.24	30.29
		For Work In Restricted Working Space, Add	*18.18*	
22 13 16 00-0401	EA	3" x 2" Glass Acid Resistant DWV Reducing Wye	94.68	31.02
		For Work In Restricted Working Space, Add	*18.62*	
22 13 16 00-0402	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Wye	124.06	37.59
		For Work In Restricted Working Space, Add	*22.56*	
22 13 16 00-0403	EA	4" x 2" Glass Acid Resistant DWV Reducing Wye	125.23	37.96
		For Work In Restricted Working Space, Add	*22.77*	
22 13 16 00-0404	EA	4" x 3" Glass Acid Resistant DWV Reducing Wye	133.84	39.05
		For Work In Restricted Working Space, Add	*23.44*	
22 13 16 00-0405	EA	6" x 2" Glass Acid Resistant DWV Reducing Wye	204.75	48.91
		For Work In Restricted Working Space, Add	*29.34*	
22 13 16 00-0406	EA	6" x 3" Glass Acid Resistant DWV Reducing Wye	230.46	50.00
		For Work In Restricted Working Space, Add	*30.00*	
22 13 16 00-0407	EA	6" x 4" Glass Acid Resistant DWV Reducing Wye	249.77	53.65
		For Work In Restricted Working Space, Add	*32.18*	

22 13 16 00-0408 Glass Acid Resistant DWV Double Wyes *(22 13 16 00-0300)*

22 13 16 00-0409	EA	1-1/2" Glass Acid Resistant DWV Double Wye	117.02	35.76
		For Work In Restricted Working Space, Add	*21.46*	
22 13 16 00-0410	EA	2" Glass Acid Resistant DWV Double Wye	120.67	37.59
		For Work In Restricted Working Space, Add	*22.56*	
22 13 16 00-0411	EA	3" Glass Acid Resistant DWV Double Wye	153.90	43.07
		For Work In Restricted Working Space, Add	*25.84*	
22 13 16 00-0412	EA	4" Glass Acid Resistant DWV Double Wye	227.93	56.94
		For Work In Restricted Working Space, Add	*34.15*	
22 13 16 00-0413	EA	6" Glass Acid Resistant DWV Double Wye	363.31	78.83
		For Work In Restricted Working Space, Add	*47.32*	

22 13 16 00-0414 Glass Acid Resistant DWV Reducing Double Wyes *(22 13 16 00-0300)*

22 13 16 00-0415	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	119.19	36.86
		For Work In Restricted Working Space, Add	*22.11*	
22 13 16 00-0416	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	124.31	39.42
		For Work In Restricted Working Space, Add	*23.65*	
22 13 16 00-0417	EA	3" x 2" Glass Acid Resistant DWV Reducing Double Wye	138.11	40.15
		For Work In Restricted Working Space, Add	*24.08*	
22 13 16 00-0418	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	166.77	46.35
		For Work In Restricted Working Space, Add	*27.82*	
22 13 16 00-0419	EA	4" x 2" Glass Acid Resistant DWV Reducing Double Wye	174.51	47.45
		For Work In Restricted Working Space, Add	*28.47*	
22 13 16 00-0420	EA	4" x 3" Glass Acid Resistant DWV Reducing Double Wye	199.27	50.00
		For Work In Restricted Working Space, Add	*30.00*	
22 13 16 00-0421	EA	6" x 2" Glass Acid Resistant DWV Reducing Double Wye	288.72	58.39
		For Work In Restricted Working Space, Add	*35.03*	
22 13 16 00-0422	EA	6" x 3" Glass Acid Resistant DWV Reducing Double Wye	302.71	60.95
		For Work In Restricted Working Space, Add	*36.57*	
22 13 16 00-0423	EA	6" x 4" Glass Acid Resistant DWV Reducing Double Wye	326.43	67.88
		For Work In Restricted Working Space, Add	*40.74*	

22 13 16 00-0424 Glass Acid Resistant DWV Combination Wye And 1/8 Bends *(22 13 16 00-0300)*

22 13 16 00-0425	EA	1-1/2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	83.35	27.01
		For Work In Restricted Working Space, Add	*16.21*	
22 13 16 00-0426	EA	2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	85.79	28.11
		For Work In Restricted Working Space, Add	*16.86*	
22 13 16 00-0427	EA	3" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	105.61	32.12
		For Work In Restricted Working Space, Add	*19.27*	
22 13 16 00-0428	EA	4" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	151.85	42.71
		For Work In Restricted Working Space, Add	*25.62*	
22 13 16 00-0429	EA	6" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	268.79	59.13
		For Work In Restricted Working Space, Add	*35.48*	

22 13 16 00-0430 Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0300)*

22 13 16 00-0431	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	85.05	27.74
		For Work In Restricted Working Space, Add	*16.64*	
22 13 16 00-0432	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	93.18	30.29
		For Work In Restricted Working Space, Add	*18.18*	
22 13 16 00-0433	EA	3" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	98.45	31.02
		For Work In Restricted Working Space, Add	*18.62*	
22 13 16 00-0434	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	121.80	37.59
		For Work In Restricted Working Space, Add	*22.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0435	EA	4" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	125.72	37.96
		For Work In Restricted Working Space, Add	*22.77*	
22 13 16 00-0436	EA	4" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	134.41	39.05
		For Work In Restricted Working Space, Add	*23.44*	
22 13 16 00-0437	EA	6" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	205.09	48.91
		For Work In Restricted Working Space, Add	*29.34*	
22 13 16 00-0438	EA	6" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	227.19	50.00
		For Work In Restricted Working Space, Add	*30.00*	
22 13 16 00-0439	EA	6" x 4" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	234.70	53.65
		For Work In Restricted Working Space, Add	*32.18*	

22 13 16 00-0440 Glass Acid Resistant DWV Double Combination Wye And 1/8 Bends *(22 13 16 00-0300)*

22 13 16 00-0441	EA	1-1/2" Double Glass Combination Wye And 1/8 Bend	111.36	35.76
		For Work In Restricted Working Space, Add	*21.46*	
22 13 16 00-0442	EA	2" Double Glass Combination Wye And 1/8 Bend	125.41	37.59
		For Work In Restricted Working Space, Add	*22.56*	
22 13 16 00-0443	EA	3" Double Glass Combination Wye And 1/8 Bend	161.06	43.07
		For Work In Restricted Working Space, Add	*25.84*	
22 13 16 00-0444	EA	4" Double Glass Combination Wye And 1/8 Bend	244.58	56.94
		For Work In Restricted Working Space, Add	*34.15*	
22 13 16 00-0445	EA	6" Double Glass Combination Wye And 1/8 Bend	389.89	78.83
		For Work In Restricted Working Space, Add	*47.32*	

22 13 16 00-0446 Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0300)*

22 13 16 00-0447	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	114.40	36.86
		For Work In Restricted Working Space, Add	*22.11*	
22 13 16 00-0448	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	137.64	39.42
		For Work In Restricted Working Space, Add	*23.65*	
22 13 16 00-0449	EA	3" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	136.91	40.15
		For Work In Restricted Working Space, Add	*24.08*	
22 13 16 00-0450	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	176.03	46.35
		For Work In Restricted Working Space, Add	*27.82*	
22 13 16 00-0451	EA	4" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	175.98	47.45
		For Work In Restricted Working Space, Add	*28.47*	
22 13 16 00-0452	EA	4" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	194.03	50.00
		For Work In Restricted Working Space, Add	*30.00*	
22 13 16 00-0453	EA	6" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	264.44	58.39
		For Work In Restricted Working Space, Add	*35.03*	
22 13 16 00-0454	EA	6" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	280.48	60.95
		For Work In Restricted Working Space, Add	*36.57*	
22 13 16 00-0455	EA	6" x 4" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	323.80	67.88
		For Work In Restricted Working Space, Add	*40.74*	

22 13 16 00-0456 Glass Acid Resistant DWV Partition Crosses (Compact) *(22 13 16 00-0300)*

22 13 16 00-0457	EA	2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact)	121.94	36.86
		For Work In Restricted Working Space, Add	*22.11*	
22 13 16 00-0458	EA	2" Glass Acid Resistant DWV Partition Cross (Compact)	123.42	37.59
		For Work In Restricted Working Space, Add	*22.56*	
22 13 16 00-0459	EA	2" x 1-1/2" x 1-1/2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact)	128.23	36.50
		For Work In Restricted Working Space, Add	*21.90*	

22 13 16 00-0460 Glass Acid Resistant DWV Upright Y Or H (Vent Branch) *(22 13 16 00-0300)*

22 13 16 00-0461	EA	1-1/2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	110.31	27.01
		For Work In Restricted Working Space, Add	*16.21*	
22 13 16 00-0462	EA	2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	119.85	28.11
		For Work In Restricted Working Space, Add	*16.86*	
22 13 16 00-0463	EA	3" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	137.67	32.12
		For Work In Restricted Working Space, Add	*19.27*	
22 13 16 00-0464	EA	4" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	197.44	42.71
		For Work In Restricted Working Space, Add	*25.62*	
22 13 16 00-0465	EA	6" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	349.12	59.13
		For Work In Restricted Working Space, Add	*35.48*	

22 13 16 00-0466 Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) *(22 13 16 00-0300)*

22 13 16 00-0467	EA	2" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)	111.53	27.74
		For Work In Restricted Working Space, Add	*16.64*	
22 13 16 00-0468	EA	3" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)	125.92	30.29
		For Work In Restricted Working Space, Add	*18.18*	
22 13 16 00-0469	EA	3" x 2" Reducing Glass Upright Y Or H (Vent Branch)	132.84	31.02
		For Work In Restricted Working Space, Add	*18.62*	
22 13 16 00-0470	EA	4" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)	155.71	37.59
		For Work In Restricted Working Space, Add	*22.56*	
22 13 16 00-0471	EA	4" x 2" Reducing Glass Upright Y Or H (Vent Branch)	162.94	37.96
		For Work In Restricted Working Space, Add	*22.77*	
22 13 16 00-0472	EA	4" x 3" Reducing Glass Upright Y Or H (Vent Branch)	176.31	39.05
		For Work In Restricted Working Space, Add	*23.44*	
22 13 16 00-0473	EA	6" x 3" Reducing Glass Upright Y Or H (Vent Branch)	247.68	50.00
		For Work In Restricted Working Space, Add	*30.00*	
22 13 16 00-0474	EA	6" x 4" Reducing Glass Upright Y Or H (Vent Branch)	278.78	53.65
		For Work In Restricted Working Space, Add	*32.18*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0475		**Glass Acid Resistant DWV Reducers Or Increasers** *(22 13 16 00-0300)*		
22 13 16 00-0476	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	48.56	18.25
		For Eccentric Reducers Or Increasers, Add	*0.96*	
		For Work In Restricted Working Space, Add	*10.95*	
22 13 16 00-0477	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	57.32	19.71
		For Eccentric Reducers Or Increasers, Add	*1.43*	
		For Work In Restricted Working Space, Add	*11.83*	
22 13 16 00-0478	EA	3" x 2" Glass Acid Resistant DWV Reducer Or Increaser	60.19	20.08
		For Eccentric Reducers Or Increasers, Add	*1.60*	
		For Work In Restricted Working Space, Add	*12.05*	
22 13 16 00-0479	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	74.71	23.36
		For Eccentric Reducers Or Increasers, Add	*2.24*	
		For Work In Restricted Working Space, Add	*14.02*	
22 13 16 00-0480	EA	4" x 2" Glass Acid Resistant DWV Reducer Or Increaser	77.18	23.73
		For Eccentric Reducers Or Increasers, Add	*2.38*	
		For Work In Restricted Working Space, Add	*14.24*	
22 13 16 00-0481	EA	4" x 3" Glass Acid Resistant DWV Reducer Or Increaser	81.78	24.81
		For Eccentric Reducers Or Increasers, Add	*2.57*	
		For Work In Restricted Working Space, Add	*14.89*	
22 13 16 00-0482	EA	6" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	139.05	28.83
		For Eccentric Reducers Or Increasers, Add	*6.51*	
		For Work In Restricted Working Space, Add	*17.30*	
22 13 16 00-0483	EA	6" x 2" Glass Acid Resistant DWV Reducer Or Increaser	144.93	29.20
		For Eccentric Reducers Or Increasers, Add	*6.92*	
		For Work In Restricted Working Space, Add	*17.52*	
22 13 16 00-0484	EA	6" x 3" Glass Acid Resistant DWV Reducer Or Increaser	153.05	30.29
		For Eccentric Reducers Or Increasers, Add	*7.40*	
		For Work In Restricted Working Space, Add	*18.18*	
22 13 16 00-0485	EA	6" x 4" Glass Acid Resistant DWV Reducer Or Increaser	163.01	33.94
		For Eccentric Reducers Or Increasers, Add	*7.61*	
		For Work In Restricted Working Space, Add	*20.36*	
22 13 16 00-0486		**Glass Acid Resistant DWV Swivel P-Traps** *(22 13 16 00-0300)*		
22 13 16 00-0487	EA	1-1/2" Glass Acid Resistant DWV Swivel P-Trap	96.44	27.01
		For Work In Restricted Working Space, Add	*16.21*	
22 13 16 00-0488	EA	2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap	101.94	27.74
		For Work In Restricted Working Space, Add	*16.64*	
22 13 16 00-0489	EA	2" Glass Acid Resistant DWV Swivel P-Trap	111.14	28.11
		For Work In Restricted Working Space, Add	*16.86*	
22 13 16 00-0490	EA	1-1/2" Glass Acid Resistant DWV Swivel P-Trap	101.94	27.01
		For Work In Restricted Working Space, Add	*16.21*	
22 13 16 00-0491	EA	2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap	108.94	27.74
		For Work In Restricted Working Space, Add	*16.64*	
22 13 16 00-0492	EA	2" Glass Acid Resistant DWV Swivel P-Trap	119.05	28.11
		For Work In Restricted Working Space, Add	*16.86*	
22 13 16 00-0493	EA	1-1/2" Glass Acid Resistant DWV Swivel P-Trap	103.45	27.01
		For Work In Restricted Working Space, Add	*16.21*	
22 13 16 00-0494	EA	2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap	108.94	27.74
		For Work In Restricted Working Space, Add	*16.64*	
22 13 16 00-0495	EA	2" Glass Acid Resistant DWV Swivel P-Trap	119.05	28.11
		For Work In Restricted Working Space, Add	*16.86*	
22 13 16 00-0496		**Glass Acid Resistant DWV Drum P-Traps** *(22 13 16 00-0300)*		
22 13 16 00-0497	EA	1-1/2" Glass Acid Resistant DWV Drum P-Trap	120.56	27.01
		For Work In Restricted Working Space, Add	*16.21*	
22 13 16 00-0498	EA	2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap	144.77	27.74
		For Work In Restricted Working Space, Add	*16.64*	
22 13 16 00-0499	EA	2" Glass Acid Resistant DWV Drum P-Trap	148.52	28.11
		For Work In Restricted Working Space, Add	*16.86*	
22 13 16 00-0500	EA	1-1/2" Glass Acid Resistant DWV Drum P-Trap	129.71	27.01
		For Work In Restricted Working Space, Add	*16.21*	
22 13 16 00-0501	EA	2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap	136.52	27.74
		For Work In Restricted Working Space, Add	*16.64*	
22 13 16 00-0502	EA	2" Glass Acid Resistant DWV Drum P-Trap	150.29	28.11
		For Work In Restricted Working Space, Add	*16.86*	
22 13 16 00-0503		**Glass Acid Resistant DWV Cleanout Plugs** *(22 13 16 00-0300)*		
22 13 16 00-0504	EA	1-1/2" Glass Acid Resistant DWV Cleanout Plug	23.86	9.13
		For Work In Restricted Working Space, Add	*5.48*	
22 13 16 00-0505	EA	2" Glass Acid Resistant DWV Cleanout Plug	26.06	9.49
		For Work In Restricted Working Space, Add	*5.69*	
22 13 16 00-0506	EA	3" Glass Acid Resistant DWV Cleanout Plug	31.31	10.59
		For Work In Restricted Working Space, Add	*6.35*	
22 13 16 00-0507	EA	4" Glass Acid Resistant DWV Cleanout Plug	46.71	14.24
		For Work In Restricted Working Space, Add	*8.54*	
22 13 16 00-0508	EA	6" Glass Acid Resistant DWV Cleanout Plug	66.06	19.71
		For Work In Restricted Working Space, Add	*11.83*	
22 13 16 00-0509		**Glass Acid Resistant DWV Sink Fittings** *(22 13 16 00-0300)*		
22 13 16 00-0510	EA	1-1/2" Glass Acid Resistant DWV Interceptor Trap	232.46	35.76
		For Work In Restricted Working Space, Add	*21.46*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0511		EA	1-1/2" x 6-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly	28.69	9.13
			For Work In Restricted Working Space, Add	*5.48*	
22 13 16 00-0512		EA	1-1/2" x 10-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly	30.68	9.13
			For Work In Restricted Working Space, Add	*5.48*	
22 13 16 00-0513		EA	1-1/2" Split Coupling (Threaded To Beaded Pipe) For Glass Acid Resistant DWV Pipe And Fittings	48.86	18.25
			For Work In Restricted Working Space, Add	*10.95*	
22 13 16 00-0514		EA	3" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	79.22	18.98
			For Work In Restricted Working Space, Add	*11.39*	
22 13 16 00-0515		EA	6" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	79.97	18.98
			For Work In Restricted Working Space, Add	*11.39*	
22 13 16 00-0516		EA	3" x 9" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	87.50	18.98
			For Work In Restricted Working Space, Add	*11.39*	
22 13 16 00-0517		EA	3" x 6" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	75.15	18.98
			For Work In Restricted Working Space, Add	*11.39*	

22 13 16 00-0518 Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapters *(22 13 16 00-0300)*

Note: Includes teflon spacer.

22 13 16 00-0519		EA	1-1/2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	81.82	26.94
			For Work In Restricted Working Space, Add	*16.16*	
22 13 16 00-0520		EA	2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	85.55	28.25
			For Work In Restricted Working Space, Add	*16.95*	
22 13 16 00-0521		EA	3" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	110.74	32.19
			For Work In Restricted Working Space, Add	*19.32*	
22 13 16 00-0522		EA	4" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	154.46	42.78
			For Work In Restricted Working Space, Add	*25.64*	

22 13 16 00-0523 Bead To Bead Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings *(22 13 16 00-0300)*

Note: Includes segmented stainless steel outer band, Buna-N rubber compression liner with TFE seal ring, stainless steel bolt and silver plated stainless hex nut.

22 13 16 00-0524	EA	1-1/2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	9.46	
22 13 16 00-0525	EA	2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	11.93	
22 13 16 00-0526	EA	3" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	15.95	
22 13 16 00-0527	EA	4" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	26.88	
22 13 16 00-0528	EA	6" Bead To Bead, Stainless Steel, TFE Seal Ring Couplings, Glass Piping	62.61	

22 13 16 00-0529 Bead To Plain End Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings *(22 13 16 00-0300)*

Note: Includes stainless steel band with bolt, Buna-N rubber compression liner with TFE seal ring and silver plated stainless hex nut.

22 13 16 00-0530	EA	1-1/2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	12.19	
22 13 16 00-0531	EA	2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	15.26	
22 13 16 00-0532	EA	3" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	25.91	
22 13 16 00-0533	EA	4" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	38.62	
22 13 16 00-0534	EA	6" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	94.16	

22 13 16 00-0535 Cast Iron Soil Pipe Assemblies *(22 13 16)*

22 13 16 00-0536 Underground Bell And Spigot Cast Iron Soil Pipe Assemblies *(22 13 16 00-0535)*

Note: Includes fittings and gaskets. Fittings are assumed every 10'. Excludes excavation, backfill and compaction. Not for use where detail is available.

22 13 16 00-0537		LF	2" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	21.61	4.59
			For Work In Restricted Working Space, Add	*3.37*	
22 13 16 00-0538		LF	3" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	30.78	6.93
			For Work In Restricted Working Space, Add	*4.58*	
22 13 16 00-0539		LF	4" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	39.92	8.84
			For Work In Restricted Working Space, Add	*5.89*	
22 13 16 00-0540		LF	5" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	47.00	11.11
			For Work In Restricted Working Space, Add	*6.25*	
22 13 16 00-0541		LF	6" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	55.01	12.10
			For Work In Restricted Working Space, Add	*6.94*	
22 13 16 00-0542		LF	8" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	86.47	17.13
			For Work In Restricted Working Space, Add	*9.70*	
22 13 16 00-0543		LF	10" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	125.42	17.13
			For Work In Restricted Working Space, Add	*10.98*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0544		**Aboveground No Hub Cast Iron Soil Pipe Assemblies** *(22 13 16 00-0535)* Note: Includes fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
22 13 16 00-0545	LF	1-1/2" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	20.14	4.38
		For Work In Restricted Working Space, Add	*3.66*	
22 13 16 00-0546	LF	2" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	21.34	4.67
		For Work In Restricted Working Space, Add	*3.95*	
22 13 16 00-0547	LF	3" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	27.98	6.79
		For Work In Restricted Working Space, Add	*5.06*	
22 13 16 00-0548	LF	4" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	34.60	8.84
		For Work In Restricted Working Space, Add	*6.23*	
22 13 16 00-0549	LF	5" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	56.98	10.89
		For Work In Restricted Working Space, Add	*10.40*	
22 13 16 00-0550	LF	6" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	63.23	11.89
		For Work In Restricted Working Space, Add	*11.12*	
22 13 16 00-0551	LF	8" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	103.00	16.98
		For Work In Restricted Working Space, Add	*17.69*	
22 13 16 00-0552	LF	10" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	115.23	19.30
		For Work In Restricted Working Space, Add	*12.88*	
22 13 16 00-0553		**Bell And Spigot Cast Iron Soil Pipe And Fittings** *(22 13 16)* Note: Service weight. ASTM A74 and CISPI 301 (Fitting Requirements).		
22 13 16 00-0554		**Bell And Spigot Cast Iron Pipe** *(22 13 16 00-0553)* Note: Excludes excavation, hangers, gaskets, and fittings.		
22 13 16 00-0555	LF	2" Bell And Spigot Cast Iron Pipe	15.25	4.59
		For Extra Heavy Pipe, Add	*3.49*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.35*	
		For Work In Restricted Working Space, Add	*2.09*	
22 13 16 00-0556	LF	3" Bell And Spigot Cast Iron Pipe	22.33	6.93
		For Extra Heavy Pipe, Add	*5.00*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.52*	
		For Work In Restricted Working Space, Add	*3.13*	
22 13 16 00-0557	LF	4" Bell And Spigot Cast Iron Pipe	28.75	8.84
		For Extra Heavy Pipe, Add	*6.50*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.66*	
		For Work In Restricted Working Space, Add	*3.98*	
22 13 16 00-0558	LF	5" Bell And Spigot Cast Iron Pipe	38.46	11.11
		For Extra Heavy Pipe, Add	*9.17*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.83*	
		For Work In Restricted Working Space, Add	*4.99*	
22 13 16 00-0559	LF	6" Bell And Spigot Cast Iron Pipe	44.72	12.10
		For Extra Heavy Pipe, Add	*11.17*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.91*	
		For Work In Restricted Working Space, Add	*5.44*	
22 13 16 00-0560	LF	8" Bell And Spigot Cast Iron Pipe	67.07	17.13
		For Extra Heavy Pipe, Add	*17.38*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.29*	
		For Work In Restricted Working Space, Add	*7.71*	
22 13 16 00-0561	LF	10" Bell And Spigot Cast Iron Pipe	97.78	19.30
		For Extra Heavy Pipe, Add	*28.93*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.45*	
		For Work In Restricted Working Space, Add	*8.67*	
22 13 16 00-0562	LF	12" Bell And Spigot Cast Iron Pipe	138.59	25.73
		For Extra Heavy Pipe, Add	*42.02*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.93*	
		For Work In Restricted Working Space, Add	*11.56*	
22 13 16 00-0563	LF	15" Bell And Spigot Cast Iron Pipe	192.49	30.86
		For Extra Heavy Pipe, Add	*61.42*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.31*	
		For Work In Restricted Working Space, Add	*13.88*	
22 13 16 00-0564		**Bell And Spigot Cast Iron Fittings** *(22 13 16 00-0553)*		
22 13 16 00-0565		**Bell And Spigot Cast Iron Long Sweeps** *(22 13 16 00-0564)*		
22 13 16 00-0566	EA	2" Bell And Spigot Cast Iron Long Sweep	64.15	20.95
		For Extra Heavy Fittings, Add	*11.47*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.57*	
		For Work In Restricted Working Space, Add	*9.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0567	EA	3" Bell And Spigot Cast Iron Long Sweep	105.92	26.36
		For Extra Heavy Fittings, Add	*23.26*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.97*	
		For Work In Restricted Working Space, Add	*11.84*	
22 13 16 00-0568	EA	4" Bell And Spigot Cast Iron Long Sweep	141.11	35.04
		For Extra Heavy Fittings, Add	*31.01*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.63*	
		For Work In Restricted Working Space, Add	*15.76*	
22 13 16 00-0569	EA	6" Bell And Spigot Cast Iron Long Sweep	219.60	46.98
		For Extra Heavy Fittings, Add	*52.21*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.52*	
		For Work In Restricted Working Space, Add	*21.13*	
22 13 16 00-0570	EA	8" Bell And Spigot Cast Iron Long Sweep	423.01	60.27
		For Extra Heavy Fittings, Add	*116.43*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.52*	
		For Work In Restricted Working Space, Add	*27.10*	
22 13 16 00-0571	EA	10" Bell And Spigot Cast Iron Long Sweep	575.84	74.15
		For Extra Heavy Fittings, Add	*162.63*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.56*	
		For Work In Restricted Working Space, Add	*33.36*	
22 13 16 00-0572	EA	12" Bell And Spigot Cast Iron Long Sweep	879.60	103.49
		For Extra Heavy Fittings, Add	*253.55*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.76*	
		For Work In Restricted Working Space, Add	*46.55*	
22 13 16 00-0573	EA	15" Bell And Spigot Cast Iron Long Sweep	1,617.16	144.11
		For Extra Heavy Fittings, Add	*490.39*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.80*	
		For Work In Restricted Working Space, Add	*64.82*	

22 13 16 00-0574 Bell And Spigot Cast Iron Short Sweeps *(22 13 16 00-0564)*

22 13 16 00-0575	EA	2" Bell And Spigot Cast Iron Short Sweep	55.50	20.95
		For Extra Heavy Fittings, Add	*8.44*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.57*	
		For Work In Restricted Working Space, Add	*9.42*	
22 13 16 00-0576	EA	3" Bell And Spigot Cast Iron Short Sweep	91.41	26.36
		For Extra Heavy Fittings, Add	*18.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.97*	
		For Work In Restricted Working Space, Add	*11.84*	
22 13 16 00-0577	EA	4" Bell And Spigot Cast Iron Short Sweep	124.79	35.04
		For Extra Heavy Fittings, Add	*25.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.63*	
		For Work In Restricted Working Space, Add	*15.76*	
22 13 16 00-0578	EA	5" Bell And Spigot Cast Iron Short Sweep	184.82	39.94
		For Extra Heavy Fittings, Add	*43.74*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.99*	
		For Work In Restricted Working Space, Add	*17.96*	
22 13 16 00-0579	EA	6" Bell And Spigot Cast Iron Short Sweep	222.71	46.98
		For Extra Heavy Fittings, Add	*53.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.52*	
		For Work In Restricted Working Space, Add	*21.13*	
22 13 16 00-0580	EA	8" Bell And Spigot Cast Iron Short Sweep	360.46	60.27
		For Extra Heavy Fittings, Add	*94.54*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.52*	
		For Work In Restricted Working Space, Add	*27.10*	
22 13 16 00-0581	EA	10" Bell And Spigot Cast Iron Short Sweep	522.47	74.15
		For Extra Heavy Fittings, Add	*143.95*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.56*	
		For Work In Restricted Working Space, Add	*33.36*	
22 13 16 00-0582	EA	12" Bell And Spigot Cast Iron Short Sweep	859.69	103.49
		For Extra Heavy Fittings, Add	*246.58*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.76*	
		For Work In Restricted Working Space, Add	*46.55*	

22 13 16 00-0583 Bell And Spigot Cast Iron 1/4 Bends *(22 13 16 00-0564)*

22 13 16 00-0584	EA	2" Bell And Spigot Cast Iron 1/4 Bend	50.58	20.87
		For Extra Heavy Fittings, Add	*6.74*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.57*	
		For Work In Restricted Working Space, Add	*9.40*	
22 13 16 00-0585	EA	3" Bell And Spigot Cast Iron 1/4 Bend	73.73	23.50
		For Extra Heavy Fittings, Add	*13.46*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.76*	
		For Work In Restricted Working Space, Add	*10.58*	
22 13 16 00-0586	EA	4" Bell And Spigot Cast Iron 1/4 Bend	104.70	31.31
		For Extra Heavy Fittings, Add	*20.22*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.35*	
		For Work In Restricted Working Space, Add	*14.08*	
22 13 16 00-0587	EA	5" Bell And Spigot Cast Iron 1/4 Bend	131.01	35.67
		For Extra Heavy Fittings, Add	*27.15*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.67*	
		For Work In Restricted Working Space, Add	*16.03*	
22 13 16 00-0588	EA	6" Bell And Spigot Cast Iron 1/4 Bend	157.53	42.72
		For Extra Heavy Fittings, Add	*32.70*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.20*	
		For Work In Restricted Working Space, Add	*19.23*	
22 13 16 00-0589	EA	8" Bell And Spigot Cast Iron 1/4 Bend	315.07	55.50
		For Extra Heavy Fittings, Add	*81.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.16*	
		For Work In Restricted Working Space, Add	*24.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0590	EA	10" Bell And Spigot Cast Iron 1/4 Bend	459.73	67.36
		For Extra Heavy Fittings, Add	*125.57*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.05*	
		For Work In Restricted Working Space, Add	*30.29*	
22 13 16 00-0591	EA	12" Bell And Spigot Cast Iron 1/4 Bend	602.96	79.50
		For Extra Heavy Fittings, Add	*169.31*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.96*	
		For Work In Restricted Working Space, Add	*35.76*	
22 13 16 00-0592	EA	15" Bell And Spigot Cast Iron 1/4 Bend	1,514.36	125.39
		For Extra Heavy Fittings, Add	*464.24*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.40*	
		For Work In Restricted Working Space, Add	*56.39*	

22 13 16 00-0593 Bell And Spigot Cast Iron 1/8 Bends *(22 13 16 00-0564)*

22 13 16 00-0594	EA	2" Bell And Spigot Cast Iron 1/8 Bend	46.76	20.95
		For Extra Heavy Fittings, Add	*5.38*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.57*	
		For Work In Restricted Working Space, Add	*9.42*	
22 13 16 00-0595	EA	3" Bell And Spigot Cast Iron 1/8 Bend	71.18	26.36
		For Extra Heavy Fittings, Add	*11.10*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.97*	
		For Work In Restricted Working Space, Add	*11.84*	
22 13 16 00-0596	EA	4" Bell And Spigot Cast Iron 1/8 Bend	100.65	35.04
		For Extra Heavy Fittings, Add	*16.85*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.63*	
		For Work In Restricted Working Space, Add	*15.76*	
22 13 16 00-0597	EA	5" Bell And Spigot Cast Iron 1/8 Bend	127.59	44.63
		For Extra Heavy Fittings, Add	*21.24*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.35*	
		For Work In Restricted Working Space, Add	*20.07*	
22 13 16 00-0598	EA	6" Bell And Spigot Cast Iron 1/8 Bend	146.92	49.77
		For Extra Heavy Fittings, Add	*25.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.73*	
		For Work In Restricted Working Space, Add	*22.40*	
22 13 16 00-0599	EA	8" Bell And Spigot Cast Iron 1/8 Bend	280.50	66.49
		For Extra Heavy Fittings, Add	*63.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.98*	
		For Work In Restricted Working Space, Add	*29.90*	
22 13 16 00-0600	EA	10" Bell And Spigot Cast Iron 1/8 Bend	388.59	82.03
		For Extra Heavy Fittings, Add	*92.95*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.15*	
		For Work In Restricted Working Space, Add	*36.90*	
22 13 16 00-0601	EA	12" Bell And Spigot Cast Iron 1/8 Bend	619.00	106.38
		For Extra Heavy Fittings, Add	*160.84*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.97*	
		For Work In Restricted Working Space, Add	*47.84*	
22 13 16 00-0602	EA	15" Bell And Spigot Cast Iron 1/8 Bend	1,159.57	125.39
		For Extra Heavy Fittings, Add	*340.07*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.40*	
		For Work In Restricted Working Space, Add	*56.39*	

22 13 16 00-0603 Bell And Spigot Cast Iron Wyes *(22 13 16 00-0564)*

22 13 16 00-0604	EA	2" Bell And Spigot Cast Iron Wye	84.98	46.79
		For Extra Heavy Fittings, Add	*5.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.51*	
		For Work In Restricted Working Space, Add	*21.06*	
22 13 16 00-0605	EA	3" Bell And Spigot Cast Iron Wye	104.54	51.24
		For Extra Heavy Fittings, Add	*9.70*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.84*	
		For Work In Restricted Working Space, Add	*23.05*	
22 13 16 00-0606	EA	4" Bell And Spigot Cast Iron Wye	137.52	67.16
		For Extra Heavy Fittings, Add	*12.90*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.03*	
		For Work In Restricted Working Space, Add	*30.20*	
22 13 16 00-0607	EA	5" Bell And Spigot Cast Iron Wye	176.63	76.82
		For Extra Heavy Fittings, Add	*21.50*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.76*	
		For Work In Restricted Working Space, Add	*34.56*	
22 13 16 00-0608	EA	6" Bell And Spigot Cast Iron Wye	219.76	91.05
		For Extra Heavy Fittings, Add	*29.13*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.83*	
		For Work In Restricted Working Space, Add	*40.96*	
22 13 16 00-0609	EA	8" Bell And Spigot Cast Iron Wye	386.12	121.41
		For Extra Heavy Fittings, Add	*71.43*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.10*	
		For Work In Restricted Working Space, Add	*54.61*	
22 13 16 00-0610	EA	10" Bell And Spigot Cast Iron Wye	530.40	137.74
		For Extra Heavy Fittings, Add	*113.37*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.32*	
		For Work In Restricted Working Space, Add	*61.95*	
22 13 16 00-0611	EA	12" Bell And Spigot Cast Iron Wye	772.47	167.67
		For Extra Heavy Fittings, Add	*182.39*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.57*	
		For Work In Restricted Working Space, Add	*75.41*	
22 13 16 00-0612	EA	15" Bell And Spigot Cast Iron Wye	1,174.33	188.12
		For Extra Heavy Fittings, Add	*312.31*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.10*	
		For Work In Restricted Working Space, Add	*84.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0613		Bell And Spigot Cast Iron Reducing Wyes *(22 13 16 00-0564)*		
22 13 16 00-0614	EA	3" x 2" Bell And Spigot Cast Iron Reducing Wye	126.53	48.91
		For Extra Heavy Fittings, Add	*18.62*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.67*	
		For Work In Restricted Working Space, Add	*22.00*	
22 13 16 00-0615	EA	4" x 2" Bell And Spigot Cast Iron Reducing Wye	154.29	60.44
		For Extra Heavy Fittings, Add	*22.27*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.53*	
		For Work In Restricted Working Space, Add	*27.20*	
22 13 16 00-0616	EA	4" x 3" Bell And Spigot Cast Iron Reducing Wye	170.44	61.97
		For Extra Heavy Fittings, Add	*27.11*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.65*	
		For Work In Restricted Working Space, Add	*27.89*	
22 13 16 00-0617	EA	6" x 2" Bell And Spigot Cast Iron Reducing Wye	251.39	81.59
		For Extra Heavy Fittings, Add	*45.19*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.11*	
		For Work In Restricted Working Space, Add	*36.68*	
22 13 16 00-0618	EA	6" x 3" Bell And Spigot Cast Iron Reducing Wye	257.71	83.09
		For Extra Heavy Fittings, Add	*46.59*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.23*	
		For Work In Restricted Working Space, Add	*37.38*	
22 13 16 00-0619	EA	6" x 4" Bell And Spigot Cast Iron Reducing Wye	270.32	88.63
		For Extra Heavy Fittings, Add	*48.10*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.65*	
		For Work In Restricted Working Space, Add	*39.87*	
22 13 16 00-0620	EA	8" x 2" Bell And Spigot Cast Iron Reducing Wye	385.86	97.64
		For Extra Heavy Fittings, Add	*83.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.32*	
		For Work In Restricted Working Space, Add	*43.91*	
22 13 16 00-0621	EA	8" x 3" Bell And Spigot Cast Iron Reducing Wye	402.50	99.51
		For Extra Heavy Fittings, Add	*88.67*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.46*	
		For Work In Restricted Working Space, Add	*44.75*	
22 13 16 00-0622	EA	8" x 4" Bell And Spigot Cast Iron Reducing Wye	412.97	104.21
		For Extra Heavy Fittings, Add	*89.85*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.81*	
		For Work In Restricted Working Space, Add	*46.88*	
22 13 16 00-0623	EA	8" x 6" Bell And Spigot Cast Iron Reducing Wye	485.57	115.93
		For Extra Heavy Fittings, Add	*109.11*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.69*	
		For Work In Restricted Working Space, Add	*52.15*	
22 13 16 00-0624	EA	10" x 3" Bell And Spigot Cast Iron Reducing Wye	587.43	108.63
		For Extra Heavy Fittings, Add	*148.60*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.14*	
		For Work In Restricted Working Space, Add	*48.86*	
22 13 16 00-0625	EA	10" x 4" Bell And Spigot Cast Iron Reducing Wye	611.22	113.40
		For Extra Heavy Fittings, Add	*154.41*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.50*	
		For Work In Restricted Working Space, Add	*51.02*	
22 13 16 00-0626	EA	10" x 6" Bell And Spigot Cast Iron Reducing Wye	669.09	125.39
		For Extra Heavy Fittings, Add	*168.40*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.40*	
		For Work In Restricted Working Space, Add	*56.39*	
22 13 16 00-0627	EA	10" x 8" Bell And Spigot Cast Iron Reducing Wye	873.88	132.98
		For Extra Heavy Fittings, Add	*236.08*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.97*	
		For Work In Restricted Working Space, Add	*59.81*	
22 13 16 00-0628	EA	12" x 4" Bell And Spigot Cast Iron Reducing Wye	898.17	132.98
		For Extra Heavy Fittings, Add	*244.58*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.97*	
		For Work In Restricted Working Space, Add	*59.81*	
22 13 16 00-0629	EA	12" x 6" Bell And Spigot Cast Iron Reducing Wye	936.68	144.11
		For Extra Heavy Fittings, Add	*252.22*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.80*	
		For Work In Restricted Working Space, Add	*64.82*	
22 13 16 00-0630	EA	12" x 8" Bell And Spigot Cast Iron Reducing Wye	1,094.01	151.26
		For Extra Heavy Fittings, Add	*303.55*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.34*	
		For Work In Restricted Working Space, Add	*68.02*	
22 13 16 00-0631	EA	12" x 10" Bell And Spigot Cast Iron Reducing Wye	1,320.60	155.74
		For Extra Heavy Fittings, Add	*380.48*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.68*	
		For Work In Restricted Working Space, Add	*70.05*	
22 13 16 00-0632	EA	15" x 4" Bell And Spigot Cast Iron Reducing Wye	2,147.18	146.85
		For Extra Heavy Fittings, Add	*674.45*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.01*	
		For Work In Restricted Working Space, Add	*66.05*	
22 13 16 00-0633	EA	15" x 6" Bell And Spigot Cast Iron Reducing Wye	2,242.79	158.92
		For Extra Heavy Fittings, Add	*701.57*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.92*	
		For Work In Restricted Working Space, Add	*71.49*	
22 13 16 00-0634	EA	15" x 8" Bell And Spigot Cast Iron Reducing Wye	2,289.94	165.78
		For Extra Heavy Fittings, Add	*714.48*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.43*	
		For Work In Restricted Working Space, Add	*74.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0635	EA	15" x 10" Bell And Spigot Cast Iron Reducing Wye	2,343.83	171.43
		For Extra Heavy Fittings, Add	*730.40*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.85*	
		For Work In Restricted Working Space, Add	*77.09*	
22 13 16 00-0636	EA	15" x 12" Bell And Spigot Cast Iron Reducing Wye	2,404.94	181.40
		For Extra Heavy Fittings, Add	*746.55*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.60*	
		For Work In Restricted Working Space, Add	*81.59*	

22 13 16 00-0637 Bell And Spigot Cast Iron Combination Wye And 1/8 Bends *(22 13 16 00-0564)*

22 13 16 00-0638	EA	2" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	91.31	46.79
		For Extra Heavy Fittings, Add	*7.39*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.51*	
		For Work In Restricted Working Space, Add	*21.06*	
22 13 16 00-0639	EA	3" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	108.44	51.24
		For Extra Heavy Fittings, Add	*11.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.84*	
		For Work In Restricted Working Space, Add	*23.05*	
22 13 16 00-0640	EA	4" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	144.32	67.16
		For Extra Heavy Fittings, Add	*15.28*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.03*	
		For Work In Restricted Working Space, Add	*30.20*	
22 13 16 00-0641	EA	5" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	199.89	80.59
		For Extra Heavy Fittings, Add	*27.69*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.04*	
		For Work In Restricted Working Space, Add	*36.24*	
22 13 16 00-0642	EA	6" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	250.00	99.96
		For Extra Heavy Fittings, Add	*35.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.49*	
		For Work In Restricted Working Space, Add	*44.95*	
22 13 16 00-0643	EA	8" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	439.82	130.74
		For Extra Heavy Fittings, Add	*85.34*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.80*	
		For Work In Restricted Working Space, Add	*58.80*	
22 13 16 00-0644	EA	10" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	628.96	171.43
		For Extra Heavy Fittings, Add	*130.20*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.85*	
		For Work In Restricted Working Space, Add	*77.09*	
22 13 16 00-0645	EA	12" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	840.16	220.35
		For Extra Heavy Fittings, Add	*178.42*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.52*	
		For Work In Restricted Working Space, Add	*99.11*	

22 13 16 00-0646 Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0564)*

22 13 16 00-0647	EA	3" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	97.04	48.91
		For Extra Heavy Fittings, Add	*8.30*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.67*	
		For Work In Restricted Working Space, Add	*22.00*	
22 13 16 00-0648	EA	4" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	134.19	60.44
		For Extra Heavy Fittings, Add	*15.24*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.53*	
		For Work In Restricted Working Space, Add	*27.20*	
22 13 16 00-0649	EA	4" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	143.91	61.97
		For Extra Heavy Fittings, Add	*17.83*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.65*	
		For Work In Restricted Working Space, Add	*27.89*	
22 13 16 00-0650	EA	6" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	213.35	81.59
		For Extra Heavy Fittings, Add	*31.88*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.11*	
		For Work In Restricted Working Space, Add	*36.68*	
22 13 16 00-0651	EA	6" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	221.59	83.09
		For Extra Heavy Fittings, Add	*33.95*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.23*	
		For Work In Restricted Working Space, Add	*37.38*	
22 13 16 00-0652	EA	6" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	235.08	88.63
		For Extra Heavy Fittings, Add	*35.76*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.65*	
		For Work In Restricted Working Space, Add	*39.87*	
22 13 16 00-0653	EA	8" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	315.19	97.64
		For Extra Heavy Fittings, Add	*59.09*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.32*	
		For Work In Restricted Working Space, Add	*43.91*	
22 13 16 00-0654	EA	8" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	325.08	104.21
		For Extra Heavy Fittings, Add	*59.09*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.81*	
		For Work In Restricted Working Space, Add	*46.88*	
22 13 16 00-0655	EA	8" x 6" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	405.59	115.93
		For Extra Heavy Fittings, Add	*81.12*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.69*	
		For Work In Restricted Working Space, Add	*52.15*	

22 13 16 00-0656 Bell And Spigot Cast Iron Double Wyes *(22 13 16 00-0564)*

22 13 16 00-0657	EA	2" Bell And Spigot Cast Iron Double Wye	142.31	55.98
		For Extra Heavy Fittings, Add	*20.44*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.20*	
		For Work In Restricted Working Space, Add	*25.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0658	EA	3" Bell And Spigot Cast Iron Double Wye	203.86	70.58
		For Extra Heavy Fittings, Add	*34.32*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.29*	
		For Work In Restricted Working Space, Add	*31.74*	
22 13 16 00-0659	EA	4" Bell And Spigot Cast Iron Double Wye	274.70	89.27
		For Extra Heavy Fittings, Add	*49.28*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.69*	
		For Work In Restricted Working Space, Add	*40.17*	
22 13 16 00-0660	EA	6" Bell And Spigot Cast Iron Double Wye	522.10	139.90
		For Extra Heavy Fittings, Add	*109.32*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.49*	
		For Work In Restricted Working Space, Add	*62.93*	
22 13 16 00-0661	EA	8" Bell And Spigot Cast Iron Double Wye	1,006.32	164.13
		For Extra Heavy Fittings, Add	*266.10*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.30*	
		For Work In Restricted Working Space, Add	*73.81*	
22 13 16 00-0662	EA	10" Bell And Spigot Cast Iron Double Wye	1,322.75	183.64
		For Extra Heavy Fittings, Add	*366.60*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.77*	
		For Work In Restricted Working Space, Add	*82.60*	
22 13 16 00-0663	EA	12" Bell And Spigot Cast Iron Double Wye	947.00	220.35
		For Extra Heavy Fittings, Add	*215.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.52*	
		For Work In Restricted Working Space, Add	*99.11*	
22 13 16 00-0664	EA	15" Bell And Spigot Cast Iron Double Wye	2,545.34	231.27
		For Extra Heavy Fittings, Add	*769.45*	
		For Above Ground Cast Iron Pipe Installation, Add	*17.35*	
		For Work In Restricted Working Space, Add	*104.07*	

22 13 16 00-0665 Bell And Spigot Cast Iron Reducing Double Wyes *(22 13 16 00-0564)*

22 13 16 00-0666	EA	3" x 2" Bell And Spigot Cast Iron Reducing Double Wye	133.75	66.21
		For Extra Heavy Fittings, Add	*12.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.96*	
		For Work In Restricted Working Space, Add	*29.79*	
22 13 16 00-0667	EA	4" x 2" Bell And Spigot Cast Iron Reducing Double Wye	155.15	76.06
		For Extra Heavy Fittings, Add	*14.39*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.70*	
		For Work In Restricted Working Space, Add	*34.22*	
22 13 16 00-0668	EA	4" x 3" Bell And Spigot Cast Iron Reducing Double Wye	167.29	79.78
		For Extra Heavy Fittings, Add	*16.67*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.98*	
		For Work In Restricted Working Space, Add	*35.90*	
22 13 16 00-0669	EA	6" x 2" Bell And Spigot Cast Iron Reducing Double Wye	216.55	97.04
		For Extra Heavy Fittings, Add	*24.88*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.27*	
		For Work In Restricted Working Space, Add	*43.64*	
22 13 16 00-0670	EA	6" x 3" Bell And Spigot Cast Iron Reducing Double Wye	228.86	100.74
		For Extra Heavy Fittings, Add	*27.24*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.55*	
		For Work In Restricted Working Space, Add	*45.31*	
22 13 16 00-0671	EA	6" x 4" Bell And Spigot Cast Iron Reducing Double Wye	261.36	109.86
		For Extra Heavy Fittings, Add	*33.83*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.24*	
		For Work In Restricted Working Space, Add	*49.41*	
22 13 16 00-0672	EA	8" x 4" Bell And Spigot Cast Iron Reducing Double Wye	404.18	126.47
		For Extra Heavy Fittings, Add	*75.12*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.48*	
		For Work In Restricted Working Space, Add	*56.87*	
22 13 16 00-0673	EA	8" x 6" Bell And Spigot Cast Iron Reducing Double Wye	444.07	149.67
		For Extra Heavy Fittings, Add	*76.87*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.22*	
		For Work In Restricted Working Space, Add	*67.33*	
22 13 16 00-0674	EA	10" x 4" Bell And Spigot Cast Iron Reducing Double Wye	430.77	135.29
		For Extra Heavy Fittings, Add	*79.77*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.14*	
		For Work In Restricted Working Space, Add	*60.86*	
22 13 16 00-0675	EA	10" x 6" Bell And Spigot Cast Iron Reducing Double Wye	502.43	158.92
		For Extra Heavy Fittings, Add	*92.44*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.92*	
		For Work In Restricted Working Space, Add	*71.49*	
22 13 16 00-0676	EA	10" x 8" Bell And Spigot Cast Iron Reducing Double Wye	611.90	173.23
		For Extra Heavy Fittings, Add	*123.26*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.99*	
		For Work In Restricted Working Space, Add	*77.92*	
22 13 16 00-0677	EA	12" x 6" Bell And Spigot Cast Iron Reducing Double Wye	625.09	177.21
		For Extra Heavy Fittings, Add	*125.79*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.29*	
		For Work In Restricted Working Space, Add	*79.71*	
22 13 16 00-0678	EA	12" x 8" Bell And Spigot Cast Iron Reducing Double Wye	788.26	192.81
		For Extra Heavy Fittings, Add	*174.71*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.45*	
		For Work In Restricted Working Space, Add	*86.72*	

22 13 16 00-0679 Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bends *(22 13 16 00-0564)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0680	EA	2" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	121.38	55.98
		For Extra Heavy Fittings, Add	*13.12*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.20*	
		For Work In Restricted Working Space, Add	*25.17*	
22 13 16 00-0681	EA	3" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	163.33	74.89
		For Extra Heavy Fittings, Add	*17.86*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.62*	
		For Work In Restricted Working Space, Add	*33.69*	
22 13 16 00-0682	EA	4" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	212.20	93.65
		For Extra Heavy Fittings, Add	*25.14*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.02*	
		For Work In Restricted Working Space, Add	*42.11*	
22 13 16 00-0683	EA	6" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	457.06	156.35
		For Extra Heavy Fittings, Add	*77.92*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.72*	
		For Work In Restricted Working Space, Add	*70.33*	

22 13 16 00-0684 Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0564)*

22 13 16 00-0685	EA	3" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	159.90	67.16
		For Extra Heavy Fittings, Add	*20.73*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.03*	
		For Work In Restricted Working Space, Add	*30.20*	
22 13 16 00-0686	EA	4" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	188.69	76.06
		For Extra Heavy Fittings, Add	*26.12*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.70*	
		For Work In Restricted Working Space, Add	*34.22*	
22 13 16 00-0687	EA	4" x 3" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	211.62	84.68
		For Extra Heavy Fittings, Add	*29.65*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.35*	
		For Work In Restricted Working Space, Add	*38.07*	
22 13 16 00-0688	EA	6" x 4" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	412.55	116.61
		For Extra Heavy Fittings, Add	*83.19*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.74*	
		For Work In Restricted Working Space, Add	*52.46*	

22 13 16 00-0689 Bell And Spigot Cast Iron Sanitary Tees *(22 13 16 00-0564)*

22 13 16 00-0690	EA	2" Bell And Spigot Cast Iron Sanitary Tee	99.46	46.87
		For Extra Heavy Fittings, Add	*10.22*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.51*	
		For Work In Restricted Working Space, Add	*21.08*	
22 13 16 00-0691	EA	3" Bell And Spigot Cast Iron Sanitary Tee	112.50	51.24
		For Extra Heavy Fittings, Add	*12.48*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.84*	
		For Work In Restricted Working Space, Add	*23.05*	
22 13 16 00-0692	EA	4" Bell And Spigot Cast Iron Sanitary Tee	175.33	62.77
		For Extra Heavy Fittings, Add	*28.41*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.71*	
		For Work In Restricted Working Space, Add	*28.25*	
22 13 16 00-0693	EA	5" Bell And Spigot Cast Iron Sanitary Tee	251.07	71.05
		For Extra Heavy Fittings, Add	*50.57*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.33*	
		For Work In Restricted Working Space, Add	*31.97*	
22 13 16 00-0694	EA	6" Bell And Spigot Cast Iron Sanitary Tee	301.17	85.22
		For Extra Heavy Fittings, Add	*60.69*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.39*	
		For Work In Restricted Working Space, Add	*38.33*	
22 13 16 00-0695	EA	8" Bell And Spigot Cast Iron Sanitary Tee	622.87	110.94
		For Extra Heavy Fittings, Add	*159.79*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.32*	
		For Work In Restricted Working Space, Add	*49.90*	
22 13 16 00-0696	EA	10" Bell And Spigot Cast Iron Sanitary Tee	925.96	135.29
		For Extra Heavy Fittings, Add	*253.08*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.14*	
		For Work In Restricted Working Space, Add	*60.86*	
22 13 16 00-0697	EA	12" Bell And Spigot Cast Iron Sanitary Tee	1,367.83	158.92
		For Extra Heavy Fittings, Add	*395.33*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.92*	
		For Work In Restricted Working Space, Add	*71.49*	

22 13 16 00-0698 Bell And Spigot Cast Iron Reducing Sanitary Tees *(22 13 16 00-0564)*

22 13 16 00-0699	EA	3" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	129.29	48.91
		For Extra Heavy Fittings, Add	*19.58*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.67*	
		For Work In Restricted Working Space, Add	*22.00*	
22 13 16 00-0700	EA	4" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	152.90	57.30
		For Extra Heavy Fittings, Add	*23.46*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.29*	
		For Work In Restricted Working Space, Add	*25.76*	
22 13 16 00-0701	EA	4" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	159.36	57.30
		For Extra Heavy Fittings, Add	*25.72*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.29*	
		For Work In Restricted Working Space, Add	*25.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0702	EA	6" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	242.78	81.59
		For Extra Heavy Fittings, Add	*42.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.11*	
		For Work In Restricted Working Space, Add	*36.68*	
22 13 16 00-0703	EA	6" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	252.18	83.09
		For Extra Heavy Fittings, Add	*44.66*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.23*	
		For Work In Restricted Working Space, Add	*37.38*	
22 13 16 00-0704	EA	6" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	273.09	88.63
		For Extra Heavy Fittings, Add	*49.07*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.65*	
		For Work In Restricted Working Space, Add	*39.87*	
22 13 16 00-0705	EA	8" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	449.55	104.21
		For Extra Heavy Fittings, Add	*102.65*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.81*	
		For Work In Restricted Working Space, Add	*46.88*	
22 13 16 00-0706	EA	8" x 6" Bell And Spigot Cast Iron Reducing Sanitary Tee	559.66	115.93
		For Extra Heavy Fittings, Add	*135.04*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.69*	
		For Work In Restricted Working Space, Add	*52.15*	

22 13 16 00-0707 Bell And Spigot Cast Iron Vent Tees *(22 13 16 00-0564)*

22 13 16 00-0708	EA	2" Bell And Spigot Cast Iron Vent Tee	87.25	46.79
		For Extra Heavy Fittings, Add	*5.97*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.51*	
		For Work In Restricted Working Space, Add	*21.06*	
22 13 16 00-0709	EA	3" Bell And Spigot Cast Iron Vent Tee	106.54	51.24
		For Extra Heavy Fittings, Add	*10.40*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.84*	
		For Work In Restricted Working Space, Add	*23.05*	
22 13 16 00-0710	EA	4" Bell And Spigot Cast Iron Vent Tee	140.90	67.16
		For Extra Heavy Fittings, Add	*14.08*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.03*	
		For Work In Restricted Working Space, Add	*30.20*	
22 13 16 00-0711	EA	5" Bell And Spigot Cast Iron Vent Tee	180.83	80.59
		For Extra Heavy Fittings, Add	*21.01*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.04*	
		For Work In Restricted Working Space, Add	*36.24*	
22 13 16 00-0712	EA	6" Bell And Spigot Cast Iron Vent Tee	227.19	99.96
		For Extra Heavy Fittings, Add	*27.07*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.49*	
		For Work In Restricted Working Space, Add	*44.95*	
22 13 16 00-0713	EA	8" Bell And Spigot Cast Iron Vent Tee	375.99	130.74
		For Extra Heavy Fittings, Add	*63.00*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.80*	
		For Work In Restricted Working Space, Add	*58.80*	

22 13 16 00-0714 Bell And Spigot Cast Iron Tapped Sanitary Tees *(22 13 16 00-0564)*

22 13 16 00-0715	EA	2" Bell And Spigot Cast Iron Tapped Sanitary Tee	89.25	46.79
		For Extra Heavy Fittings, Add	*6.67*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.51*	
		For Work In Restricted Working Space, Add	*21.06*	
22 13 16 00-0716	EA	3" Bell And Spigot Cast Iron Tapped Sanitary Tee	98.39	51.24
		For Extra Heavy Fittings, Add	*7.54*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.84*	
		For Work In Restricted Working Space, Add	*23.05*	
22 13 16 00-0717	EA	4" Bell And Spigot Cast Iron Tapped Sanitary Tee	127.22	67.16
		For Extra Heavy Fittings, Add	*9.30*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.03*	
		For Work In Restricted Working Space, Add	*30.20*	

22 13 16 00-0718 Bell And Spigot Cast Iron Tapped Sanitary Crosses *(22 13 16 00-0564)*

22 13 16 00-0719	EA	2" Bell And Spigot Cast Iron Tapped Sanitary Cross	90.51	46.79
		For Extra Heavy Fittings, Add	*7.11*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.51*	
		For Work In Restricted Working Space, Add	*21.06*	
22 13 16 00-0720	EA	3" Bell And Spigot Cast Iron Tapped Sanitary Cross	100.79	51.24
		For Extra Heavy Fittings, Add	*8.38*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.84*	
		For Work In Restricted Working Space, Add	*23.05*	
22 13 16 00-0721	EA	4" Bell And Spigot Cast Iron Tapped Sanitary Cross	133.25	67.16
		For Extra Heavy Fittings, Add	*11.41*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.03*	
		For Work In Restricted Working Space, Add	*30.20*	

22 13 16 00-0722 Bell And Spigot Cast Iron Reducers *(22 13 16 00-0564)*

22 13 16 00-0723	EA	3" x 2" Bell And Spigot Cast Iron Reducer	50.25	26.36
		For Extra Heavy Fittings, Add	*3.78*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.97*	
		For Work In Restricted Working Space, Add	*11.84*	
22 13 16 00-0724	EA	4" x 2" Bell And Spigot Cast Iron Reducer	63.42	34.75
		For Extra Heavy Fittings, Add	*3.95*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.61*	
		For Work In Restricted Working Space, Add	*15.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0725	EA	4" x 3" Bell And Spigot Cast Iron Reducer	67.18	35.04
		For Extra Heavy Fittings, Add	*5.13*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.63*	
		For Work In Restricted Working Space, Add	*15.76*	
22 13 16 00-0726	EA	6" x 2" Bell And Spigot Cast Iron Reducer	86.03	43.14
		For Extra Heavy Fittings, Add	*7.46*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.24*	
		For Work In Restricted Working Space, Add	*19.42*	
22 13 16 00-0727	EA	6" x 3" Bell And Spigot Cast Iron Reducer	89.53	43.72
		For Extra Heavy Fittings, Add	*8.38*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.28*	
		For Work In Restricted Working Space, Add	*19.67*	
22 13 16 00-0728	EA	6" x 4" Bell And Spigot Cast Iron Reducer	92.23	44.63
		For Extra Heavy Fittings, Add	*8.87*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.35*	
		For Work In Restricted Working Space, Add	*20.07*	
22 13 16 00-0729	EA	8" x 2" Bell And Spigot Cast Iron Reducer	115.72	46.00
		For Extra Heavy Fittings, Add	*16.37*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.45*	
		For Work In Restricted Working Space, Add	*20.69*	
22 13 16 00-0730	EA	8" x 3" Bell And Spigot Cast Iron Reducer	131.65	56.30
		For Extra Heavy Fittings, Add	*16.54*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.22*	
		For Work In Restricted Working Space, Add	*25.32*	
22 13 16 00-0731	EA	8" x 4" Bell And Spigot Cast Iron Reducer	135.12	57.74
		For Extra Heavy Fittings, Add	*16.98*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.33*	
		For Work In Restricted Working Space, Add	*25.98*	
22 13 16 00-0732	EA	8" x 6" Bell And Spigot Cast Iron Reducer	139.74	60.27
		For Extra Heavy Fittings, Add	*17.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.52*	
		For Work In Restricted Working Space, Add	*27.10*	
22 13 16 00-0733	EA	10" x 4" Bell And Spigot Cast Iron Reducer	172.14	67.64
		For Extra Heavy Fittings, Add	*24.75*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.07*	
		For Work In Restricted Working Space, Add	*30.43*	
22 13 16 00-0734	EA	10" x 6" Bell And Spigot Cast Iron Reducer	181.41	71.04
		For Extra Heavy Fittings, Add	*26.20*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.33*	
		For Work In Restricted Working Space, Add	*31.97*	
22 13 16 00-0735	EA	10" x 8" Bell And Spigot Cast Iron Reducer	192.81	74.15
		For Extra Heavy Fittings, Add	*28.57*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.56*	
		For Work In Restricted Working Space, Add	*33.36*	
22 13 16 00-0736	EA	12" x 4" Bell And Spigot Cast Iron Reducer	235.89	80.37
		For Extra Heavy Fittings, Add	*40.40*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.02*	
		For Work In Restricted Working Space, Add	*36.14*	
22 13 16 00-0737	EA	12" x 6" Bell And Spigot Cast Iron Reducer	264.48	94.03
		For Extra Heavy Fittings, Add	*43.21*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.05*	
		For Work In Restricted Working Space, Add	*42.30*	
22 13 16 00-0738	EA	12" x 8" Bell And Spigot Cast Iron Reducer	287.72	107.10
		For Extra Heavy Fittings, Add	*44.49*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.03*	
		For Work In Restricted Working Space, Add	*48.18*	
22 13 16 00-0739	EA	12" x 10" Bell And Spigot Cast Iron Reducer	317.09	123.37
		For Extra Heavy Fittings, Add	*46.25*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.25*	
		For Work In Restricted Working Space, Add	*55.49*	
22 13 16 00-0740	EA	15" x 6" Bell And Spigot Cast Iron Reducer	402.58	123.37
		For Extra Heavy Fittings, Add	*76.17*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.25*	
		For Work In Restricted Working Space, Add	*55.49*	
22 13 16 00-0741	EA	15" x 8" Bell And Spigot Cast Iron Reducer	428.90	132.98
		For Extra Heavy Fittings, Add	*80.34*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.97*	
		For Work In Restricted Working Space, Add	*59.81*	
22 13 16 00-0742	EA	15" x 10" Bell And Spigot Cast Iron Reducer	447.15	140.20
		For Extra Heavy Fittings, Add	*82.92*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.51*	
		For Work In Restricted Working Space, Add	*63.07*	
22 13 16 00-0743	EA	15" x 12" Bell And Spigot Cast Iron Reducer	471.77	149.67
		For Extra Heavy Fittings, Add	*86.57*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.22*	
		For Work In Restricted Working Space, Add	*67.33*	

22 13 16 00-0744 Bell And Spigot Cast Iron P-Traps *(22 13 16 00-0564)*

22 13 16 00-0745	EA	2" Bell And Spigot Cast Iron P-Trap	49.84	20.95
		For Extra Heavy Fittings, Add	*6.46*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.57*	
		For Work In Restricted Working Space, Add	*9.42*	
22 13 16 00-0746	EA	3" Bell And Spigot Cast Iron P-Trap	66.30	26.36
		For Extra Heavy Fittings, Add	*9.39*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.97*	
		For Work In Restricted Working Space, Add	*11.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0747	EA	4" Bell And Spigot Cast Iron P-Trap	90.12	35.04
		For Extra Heavy Fittings, Add	*13.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.63*	
		For Work In Restricted Working Space, Add	*15.76*	
22 13 16 00-0748	EA	5" Bell And Spigot Cast Iron P-Trap	140.47	39.94
		For Extra Heavy Fittings, Add	*28.21*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.99*	
		For Work In Restricted Working Space, Add	*17.96*	
22 13 16 00-0749	EA	6" Bell And Spigot Cast Iron P-Trap	186.53	46.98
		For Extra Heavy Fittings, Add	*40.63*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.52*	
		For Work In Restricted Working Space, Add	*21.13*	
22 13 16 00-0750	EA	8" Bell And Spigot Cast Iron P-Trap	400.23	60.27
		For Extra Heavy Fittings, Add	*108.46*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.52*	
		For Work In Restricted Working Space, Add	*27.10*	
22 13 16 00-0751	EA	10" Bell And Spigot Cast Iron P-Trap	445.99	74.15
		For Extra Heavy Fittings, Add	*117.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.56*	
		For Work In Restricted Working Space, Add	*33.36*	

22 13 16 00-0752 Bell And Spigot Cast Iron Deep Seal P-Traps *(22 13 16 00-0564)*

22 13 16 00-0753	EA	2" Bell And Spigot Cast Iron Deep Seal P-Trap	56.85	20.95
		For Extra Heavy Fittings, Add	*8.91*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.57*	
		For Work In Restricted Working Space, Add	*9.42*	
22 13 16 00-0754	EA	3" Bell And Spigot Cast Iron Deep Seal P-Trap	80.07	26.36
		For Extra Heavy Fittings, Add	*14.21*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.97*	
		For Work In Restricted Working Space, Add	*11.84*	
22 13 16 00-0755	EA	4" Bell And Spigot Cast Iron Deep Seal P-Trap	115.73	35.04
		For Extra Heavy Fittings, Add	*22.12*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.63*	
		For Work In Restricted Working Space, Add	*15.76*	
22 13 16 00-0756	EA	5" Bell And Spigot Cast Iron Deep Seal P-Trap	188.00	44.63
		For Extra Heavy Fittings, Add	*42.39*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.35*	
		For Work In Restricted Working Space, Add	*20.07*	
22 13 16 00-0757	EA	6" Bell And Spigot Cast Iron Deep Seal P-Trap	200.27	49.77
		For Extra Heavy Fittings, Add	*43.97*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.73*	
		For Work In Restricted Working Space, Add	*22.40*	

22 13 16 00-0758 Bell And Spigot Cast Iron Running Traps With Single Vent *(22 13 16 00-0564)*

22 13 16 00-0759	EA	3" x 3" Bell And Spigot Cast Iron Running Trap With Single Vent	131.94	50.58
		For Above Ground Cast Iron Pipe Installation, Add	*3.84*	
		For Work In Restricted Working Space, Add	*23.05*	
22 13 16 00-0760	EA	4" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	175.66	66.50
		For Above Ground Cast Iron Pipe Installation, Add	*5.03*	
		For Work In Restricted Working Space, Add	*30.20*	
22 13 16 00-0761	EA	5" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	236.63	77.53
		For Above Ground Cast Iron Pipe Installation, Add	*5.86*	
		For Work In Restricted Working Space, Add	*35.16*	
22 13 16 00-0762	EA	6" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	454.36	87.86
		For Above Ground Cast Iron Pipe Installation, Add	*6.65*	
		For Work In Restricted Working Space, Add	*39.87*	
22 13 16 00-0763	EA	8" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	1,432.46	103.06
		For Above Ground Cast Iron Pipe Installation, Add	*7.81*	
		For Work In Restricted Working Space, Add	*46.88*	
22 13 16 00-0764	EA	8" x 6" Bell And Spigot Cast Iron Running Trap With Single Vent	1,551.93	114.98
		For Above Ground Cast Iron Pipe Installation, Add	*8.69*	
		For Work In Restricted Working Space, Add	*52.15*	

22 13 16 00-0765 Bell And Spigot Cast Running Traps With Double Vent *(22 13 16 00-0564)*

22 13 16 00-0766	EA	3" x 3" Bell And Spigot Cast Iron Running Trap With Double Vent	170.16	69.86
		For Above Ground Cast Iron Pipe Installation, Add	*5.29*	
		For Work In Restricted Working Space, Add	*31.74*	
22 13 16 00-0767	EA	4" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	230.45	88.18
		For Above Ground Cast Iron Pipe Installation, Add	*6.69*	
		For Work In Restricted Working Space, Add	*40.17*	
22 13 16 00-0768	EA	6" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	509.90	108.58
		For Above Ground Cast Iron Pipe Installation, Add	*8.24*	
		For Work In Restricted Working Space, Add	*49.41*	
22 13 16 00-0769	EA	6" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent	593.08	131.42
		For Above Ground Cast Iron Pipe Installation, Add	*9.96*	
		For Work In Restricted Working Space, Add	*59.75*	
22 13 16 00-0770	EA	8" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	1,547.13	124.96
		For Above Ground Cast Iron Pipe Installation, Add	*9.48*	
		For Work In Restricted Working Space, Add	*56.87*	
22 13 16 00-0771	EA	8" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent	1,701.02	148.37
		For Above Ground Cast Iron Pipe Installation, Add	*11.22*	
		For Work In Restricted Working Space, Add	*67.33*	
22 13 16 00-0772	EA	10" x 8" Bell And Spigot Cast Iron Running Trap With Double Vent	2,254.62	171.21
		For Above Ground Cast Iron Pipe Installation, Add	*12.99*	
		For Work In Restricted Working Space, Add	*77.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0773	EA	12" x 10" Bell And Spigot Cast Iron Running Trap With Double Vent	3,108.63	197.95
		For Above Ground Cast Iron Pipe Installation, Add	*14.99*	
		For Work In Restricted Working Space, Add	*89.96*	
22 13 16 00-0774	EA	15" x 12" Bell And Spigot Cast Iron Running Trap With Double Vent	6,003.93	228.95
		For Above Ground Cast Iron Pipe Installation, Add	*17.35*	
		For Work In Restricted Working Space, Add	*104.11*	

22 13 16 00-0775 Bell And Spigot Cast Iron Scission Joint Fittings *(22 13 16 00-0564)*

22 13 16 00-0776	EA	2" Bell And Spigot Cast Iron Scission Joint Fitting	97.16	
		For Above Ground Cast Iron Pipe Installation, Add	*1.57*	
		For Work In Restricted Working Space, Add	*9.40*	
22 13 16 00-0777	EA	3" Bell And Spigot Cast Iron Scission Joint Fitting	132.59	
		For Above Ground Cast Iron Pipe Installation, Add	*1.76*	
		For Work In Restricted Working Space, Add	*10.55*	
22 13 16 00-0778	EA	4" Bell And Spigot Cast Iron Scission Joint Fitting	154.27	
		For Above Ground Cast Iron Pipe Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.14*	
22 13 16 00-0779	EA	5" Bell And Spigot Cast Iron Scission Joint Fitting	189.90	
		For Above Ground Cast Iron Pipe Installation, Add	*2.74*	
		For Work In Restricted Working Space, Add	*16.43*	
22 13 16 00-0780	EA	6" Bell And Spigot Cast Iron Scission Joint Fitting	230.55	
		For Above Ground Cast Iron Pipe Installation, Add	*3.31*	
		For Work In Restricted Working Space, Add	*19.84*	
22 13 16 00-0781	EA	8" Bell And Spigot Cast Iron Scission Joint Fitting	429.35	
		For Above Ground Cast Iron Pipe Installation, Add	*4.18*	
		For Work In Restricted Working Space, Add	*25.08*	

22 13 16 00-0782 Cut And Prepare Existing In-Place Cast Iron Pipe *(22 13 16 00-0553)*

Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-0783	EA	2", Cut And Prepare Existing In-Place Cast Iron Pipe	8.72	
		For Above Ground Cast Iron Pipe Installation, Add	*0.44*	
		For Work In Restricted Working Space, Add	*2.62*	
22 13 16 00-0784	EA	3", Cut And Prepare Existing In-Place Cast Iron Pipe	9.52	
		For Above Ground Cast Iron Pipe Installation, Add	*0.48*	
		For Work In Restricted Working Space, Add	*2.86*	
22 13 16 00-0785	EA	4", Cut And Prepare Existing In-Place Cast Iron Pipe	11.89	
		For Above Ground Cast Iron Pipe Installation, Add	*0.59*	
		For Work In Restricted Working Space, Add	*3.57*	
22 13 16 00-0786	EA	6", Cut And Prepare Existing In-Place Cast Iron Pipe	14.27	
		For Above Ground Cast Iron Pipe Installation, Add	*0.71*	
		For Work In Restricted Working Space, Add	*4.28*	
22 13 16 00-0787	EA	8", Cut And Prepare Existing In-Place Cast Iron Pipe	19.03	
		For Above Ground Cast Iron Pipe Installation, Add	*0.95*	
		For Work In Restricted Working Space, Add	*5.71*	
22 13 16 00-0788	EA	10", Cut And Prepare Existing In-Place Cast Iron Pipe	22.20	
		For Above Ground Cast Iron Pipe Installation, Add	*1.11*	
		For Work In Restricted Working Space, Add	*6.66*	
22 13 16 00-0789	EA	12", Cut And Prepare Existing In-Place Cast Iron Pipe	26.17	
		For Above Ground Cast Iron Pipe Installation, Add	*1.31*	
		For Work In Restricted Working Space, Add	*7.85*	
22 13 16 00-0790	EA	15", Cut And Prepare Existing In-Place Cast Iron Pipe	30.13	
		For Above Ground Cast Iron Pipe Installation, Add	*1.51*	
		For Work In Restricted Working Space, Add	*9.04*	

22 13 16 00-0791 Joint Material *(22 13 16 00-0553)*

Note: Labor costs are included in the installation costs for fittings.

22 13 16 00-0792	LB	Lead (1 LB/Diameter Inch) Joint Material	1.55
22 13 16 00-0793	LB	Oakum (1/8 LB/Diameter Inch) Joint Material	7.31
22 13 16 00-0794	EA	2" Dual Tite Rubber Gasket	0.72
22 13 16 00-0795	EA	3" Dual Tite Rubber Gasket	0.99
22 13 16 00-0796	EA	4" Dual Tite Rubber Gasket	1.23
22 13 16 00-0797	EA	6" Dual Tite Rubber Gasket	2.04
22 13 16 00-0798	EA	8" Dual Tite Rubber Gasket	4.49
22 13 16 00-0799	EA	10" Dual Tite Rubber Gasket	6.89
22 13 16 00-0800	EA	12" Dual Tite Rubber Gasket	8.78
22 13 16 00-0801	EA	15" Dual Tite Rubber Gasket	10.43

22 13 16 00-0802 No Hub Cast Iron Soil Pipe And Fittings *(22 13 16)*

Note: Service Weight. Excludes hangers.

22 13 16 00-0803 No Hub Cast Iron Pipe *(22 13 16 00-0802)*

Note: Excludes couplings.

22 13 16 00-0804	LF	1-1/2" No Hub Cast Iron Pipe	11.53	4.38
		For Below Ground Installation, Add	*0.33*	
		For Work In Restricted Working Space, Add	*1.97*	
22 13 16 00-0805	LF	2" No Hub Cast Iron Pipe	12.25	4.67
		For Below Ground Installation, Add	*0.35*	
		For Work In Restricted Working Space, Add	*2.12*	
22 13 16 00-0806	LF	3" No Hub Cast Iron Pipe	17.40	6.79
		For Below Ground Installation, Add	*0.51*	
		For Work In Restricted Working Space, Add	*3.06*	
22 13 16 00-0807	LF	4" No Hub Cast Iron Pipe	22.59	8.84
		For Below Ground Installation, Add	*0.66*	
		For Work In Restricted Working Space, Add	*3.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0808	LF	5" No Hub Cast Iron Pipe	29.31	10.89
		For Below Ground Installation, Add	*0.82*	
		For Work In Restricted Working Space, Add	*4.90*	
22 13 16 00-0809	LF	6" No Hub Cast Iron Pipe	33.85	11.89
		For Below Ground Installation, Add	*0.89*	
		For Work In Restricted Working Space, Add	*5.34*	
22 13 16 00-0810	LF	8" No Hub Cast Iron Pipe	51.12	16.98
		For Below Ground Installation, Add	*1.27*	
		For Work In Restricted Working Space, Add	*7.63*	
22 13 16 00-0811	LF	10" No Hub Cast Iron Pipe	71.52	19.30
		For Below Ground Installation, Add	*1.45*	
		For Work In Restricted Working Space, Add	*8.67*	

22 13 16 00-0812 No Hub Cast Iron Fittings *(22 13 16 00-0802)*

22 13 16 00-0813 No Hub Cast Iron Long Sweeps *(22 13 16 00-0812)*

22 13 16 00-0814	EA	1-1/2" No Hub Cast Iron Long Sweep	42.19	20.73
		For Below Ground Installation, Add	*1.55*	
		For Work In Restricted Working Space, Add	*9.32*	
22 13 16 00-0815	EA	2" No Hub Cast Iron Long Sweep	42.47	20.73
		For Below Ground Installation, Add	*1.55*	
		For Work In Restricted Working Space, Add	*9.32*	
22 13 16 00-0816	EA	3" No Hub Cast Iron Long Sweep	49.90	23.73
		For Below Ground Installation, Add	*1.78*	
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-0817	EA	4" No Hub Cast Iron Long Sweep	68.41	31.39
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-0818	EA	5" No Hub Cast Iron Long Sweep	93.11	35.95
		For Below Ground Installation, Add	*2.69*	
		For Work In Restricted Working Space, Add	*16.16*	
22 13 16 00-0819	EA	6" No Hub Cast Iron Long Sweep	110.55	42.86
		For Below Ground Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.29*	
22 13 16 00-0820	EA	8" No Hub Cast Iron Long Sweep	209.01	55.07
		For Below Ground Installation, Add	*4.13*	
		For Work In Restricted Working Space, Add	*24.78*	

22 13 16 00-0821 No Hub Cast Iron Reducing Long Sweeps *(22 13 16 00-0812)*

22 13 16 00-0822	EA	3" x 2" No Hub Cast Iron Reducing Long Sweep	61.67	23.73
		For Below Ground Installation, Add	*1.78*	
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-0823	EA	4" x 3" No Hub Cast Iron Reducing Long Sweep	90.85	31.39
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.13*	

22 13 16 00-0824 No Hub Cast Iron Short Sweeps *(22 13 16 00-0812)*

22 13 16 00-0825	EA	2" No Hub Cast Iron Short Sweep	40.10	20.73
		For Below Ground Installation, Add	*1.55*	
		For Work In Restricted Working Space, Add	*9.32*	
22 13 16 00-0826	EA	3" No Hub Cast Iron Short Sweep	48.02	23.73
		For Below Ground Installation, Add	*1.78*	
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-0827	EA	4" No Hub Cast Iron Short Sweep	67.42	31.39
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-0828	EA	5" No Hub Cast Iron Short Sweep	93.48	35.95
		For Below Ground Installation, Add	*2.69*	
		For Work In Restricted Working Space, Add	*16.16*	
22 13 16 00-0829	EA	6" No Hub Cast Iron Short Sweep	104.80	42.86
		For Below Ground Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.29*	
22 13 16 00-0830	EA	8" No Hub Cast Iron Short Sweep	191.64	55.07
		For Below Ground Installation, Add	*4.13*	
		For Work In Restricted Working Space, Add	*24.78*	
22 13 16 00-0831	EA	10" No Hub Cast Iron Short Sweep	307.44	77.11
		For Below Ground Installation, Add	*5.78*	
		For Work In Restricted Working Space, Add	*34.69*	

22 13 16 00-0832 No Hub Cast Iron 1/4 Bends *(22 13 16 00-0812)*

22 13 16 00-0833	EA	1-1/2" No Hub Cast Iron 1/4 Bend	36.80	19.86
		For Below Ground Installation, Add	*1.49*	
		For Work In Restricted Working Space, Add	*8.94*	
22 13 16 00-0834	EA	2" No Hub Cast Iron 1/4 Bend	38.47	20.73
		For Below Ground Installation, Add	*1.55*	
		For Work In Restricted Working Space, Add	*9.32*	
22 13 16 00-0835	EA	3" No Hub Cast Iron 1/4 Bend	45.38	23.73
		For Below Ground Installation, Add	*1.78*	
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-0836	EA	4" No Hub Cast Iron 1/4 Bend	61.58	31.39
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-0837	EA	5" No Hub Cast Iron 1/4 Bend	86.22	35.95
		For Below Ground Installation, Add	*2.69*	
		For Work In Restricted Working Space, Add	*16.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0838	EA	6" No Hub Cast Iron 1/4 Bend	100.16	42.86
		For Below Ground Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.29*	
22 13 16 00-0839	EA	8" No Hub Cast Iron 1/4 Bend	178.11	55.07
		For Below Ground Installation, Add	*4.13*	
		For Work In Restricted Working Space, Add	*24.78*	

22 13 16 00-0840 No Hub Cast Iron 1/8 Bends *(22 13 16 00-0812)*

22 13 16 00-0841	EA	1-1/2" No Hub Cast Iron 1/8 Bend	35.29	19.86
		For Below Ground Installation, Add	*1.49*	
		For Work In Restricted Working Space, Add	*8.94*	
22 13 16 00-0842	EA	2" No Hub Cast Iron 1/8 Bend	36.69	20.73
		For Below Ground Installation, Add	*1.55*	
		For Work In Restricted Working Space, Add	*9.32*	
22 13 16 00-0843	EA	3" No Hub Cast Iron 1/8 Bend	43.62	23.73
		For Below Ground Installation, Add	*1.78*	
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-0844	EA	4" No Hub Cast Iron 1/8 Bend	57.64	31.39
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-0845	EA	6" No Hub Cast Iron 1/8 Bend	93.59	46.35
		For Below Ground Installation, Add	*3.48*	
		For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-0846	EA	8" No Hub Cast Iron 1/8 Bend	155.32	60.88
		For Below Ground Installation, Add	*4.56*	
		For Work In Restricted Working Space, Add	*27.38*	
22 13 16 00-0847	EA	10" No Hub Cast Iron 1/8 Bend	233.15	74.89
		For Below Ground Installation, Add	*5.62*	
		For Work In Restricted Working Space, Add	*33.69*	

22 13 16 00-0848 No Hub Cast Iron Wyes *(22 13 16 00-0812)*

22 13 16 00-0849	EA	1-1/2" No Hub Cast Iron Wye	56.58	31.24
		For Below Ground Installation, Add	*2.34*	
		For Work In Restricted Working Space, Add	*14.04*	
22 13 16 00-0850	EA	2" No Hub Cast Iron Wye	73.37	42.33
		For Below Ground Installation, Add	*3.17*	
		For Work In Restricted Working Space, Add	*19.04*	
22 13 16 00-0851	EA	3" No Hub Cast Iron Wye	83.05	46.35
		For Below Ground Installation, Add	*3.48*	
		For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-0852	EA	4" No Hub Cast Iron Wye	113.20	60.88
		For Below Ground Installation, Add	*4.56*	
		For Work In Restricted Working Space, Add	*27.38*	
22 13 16 00-0853	EA	5" No Hub Cast Iron Wye	152.42	69.98
		For Below Ground Installation, Add	*5.25*	
		For Work In Restricted Working Space, Add	*31.48*	
22 13 16 00-0854	EA	6" No Hub Cast Iron Wye	180.88	83.09
		For Below Ground Installation, Add	*6.23*	
		For Work In Restricted Working Space, Add	*37.38*	
22 13 16 00-0855	EA	8" No Hub Cast Iron Wye	297.45	110.21
		For Below Ground Installation, Add	*8.26*	
		For Work In Restricted Working Space, Add	*49.56*	
22 13 16 00-0856	EA	10" No Hub Cast Iron Wye	469.92	122.43
		For Below Ground Installation, Add	*9.18*	
		For Work In Restricted Working Space, Add	*55.06*	

22 13 16 00-0857 No Hub Cast Iron Reducing Wyes *(22 13 16 00-0812)*

22 13 16 00-0858	EA	3" x 1-1/2" No Hub Cast Iron Reducing Wye	71.25	40.44
		For Below Ground Installation, Add	*3.03*	
		For Work In Restricted Working Space, Add	*18.17*	
22 13 16 00-0859	EA	3" x 2" No Hub Cast Iron Reducing Wye	80.19	46.35
		For Below Ground Installation, Add	*3.48*	
		For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-0860	EA	4" x 2" No Hub Cast Iron Reducing Wye	90.49	51.24
		For Below Ground Installation, Add	*3.84*	
		For Work In Restricted Working Space, Add	*23.05*	
22 13 16 00-0861	EA	4" x 3" No Hub Cast Iron Reducing Wye	103.66	56.94
		For Below Ground Installation, Add	*4.27*	
		For Work In Restricted Working Space, Add	*25.61*	
22 13 16 00-0862	EA	6" x 2" No Hub Cast Iron Reducing Wye	136.38	70.70
		For Below Ground Installation, Add	*5.30*	
		For Work In Restricted Working Space, Add	*31.81*	
22 13 16 00-0863	EA	6" x 3" No Hub Cast Iron Reducing Wye	144.97	73.90
		For Below Ground Installation, Add	*5.54*	
		For Work In Restricted Working Space, Add	*33.23*	
22 13 16 00-0864	EA	6" x 4" No Hub Cast Iron Reducing Wye	166.93	86.36
		For Below Ground Installation, Add	*6.47*	
		For Work In Restricted Working Space, Add	*38.84*	
22 13 16 00-0865	EA	8" x 4" No Hub Cast Iron Reducing Wye	205.64	86.65
		For Below Ground Installation, Add	*6.50*	
		For Work In Restricted Working Space, Add	*38.98*	
22 13 16 00-0866	EA	8" x 6" No Hub Cast Iron Reducing Wye	236.27	95.25
		For Below Ground Installation, Add	*7.14*	
		For Work In Restricted Working Space, Add	*42.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0867	EA	10" x 4" No Hub Cast Iron Reducing Wye	350.20	101.47
		For Below Ground Installation, Add	*7.61*	
		For Work In Restricted Working Space, Add	*45.65*	
22 13 16 00-0868	EA	10" x 6" No Hub Cast Iron Reducing Wye	370.07	108.63
		For Below Ground Installation, Add	*8.14*	
		For Work In Restricted Working Space, Add	*48.86*	
22 13 16 00-0869	EA	10" x 8" No Hub Cast Iron Reducing Wye	422.72	116.00
		For Below Ground Installation, Add	*8.69*	
		For Work In Restricted Working Space, Add	*52.16*	

22 13 16 00-0870 No Hub Cast Iron Combination Wye And 1/8 Bends *(22 13 16 00-0812)*

22 13 16 00-0871	EA	1-1/2" No Hub Cast Iron Combination Wye And 1/8 Bend	64.37	36.35
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.34*	
22 13 16 00-0872	EA	2" No Hub Cast Iron Combination Wye And 1/8 Bend	73.77	42.33
		For Below Ground Installation, Add	*3.17*	
		For Work In Restricted Working Space, Add	*19.04*	
22 13 16 00-0873	EA	3" No Hub Cast Iron Combination Wye And 1/8 Bend	86.06	46.35
		For Below Ground Installation, Add	*3.48*	
		For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-0874	EA	4" No Hub Cast Iron Combination Wye And 1/8 Bend	121.72	60.88
		For Below Ground Installation, Add	*4.56*	
		For Work In Restricted Working Space, Add	*27.38*	
22 13 16 00-0875	EA	6" No Hub Cast Iron Combination Wye And 1/8 Bend	217.09	93.65
		For Below Ground Installation, Add	*7.02*	
		For Work In Restricted Working Space, Add	*42.11*	
22 13 16 00-0876	EA	8" No Hub Cast Iron Combination Wye And 1/8 Bend	372.59	120.15
		For Below Ground Installation, Add	*9.01*	
		For Work In Restricted Working Space, Add	*54.04*	
22 13 16 00-0877	EA	10" No Hub Cast Iron Combination Wye And 1/8 Bend	438.75	145.27
		For Below Ground Installation, Add	*10.89*	
		For Work In Restricted Working Space, Add	*65.33*	

22 13 16 00-0878 No Hub Cast Iron Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0812)*

22 13 16 00-0879	EA	2" x 1-1/2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	74.26	42.33
		For Below Ground Installation, Add	*3.17*	
		For Work In Restricted Working Space, Add	*19.04*	
22 13 16 00-0880	EA	3" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	81.69	46.35
		For Below Ground Installation, Add	*3.48*	
		For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-0881	EA	4" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	93.50	51.24
		For Below Ground Installation, Add	*3.84*	
		For Work In Restricted Working Space, Add	*23.05*	
22 13 16 00-0882	EA	4" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	106.58	56.94
		For Below Ground Installation, Add	*4.27*	
		For Work In Restricted Working Space, Add	*25.61*	
22 13 16 00-0883	EA	6" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	145.15	70.70
		For Below Ground Installation, Add	*5.30*	
		For Work In Restricted Working Space, Add	*31.81*	
22 13 16 00-0884	EA	6" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	160.28	73.90
		For Below Ground Installation, Add	*5.54*	
		For Work In Restricted Working Space, Add	*33.23*	
22 13 16 00-0885	EA	6" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	180.33	86.36
		For Below Ground Installation, Add	*6.47*	
		For Work In Restricted Working Space, Add	*38.84*	
22 13 16 00-0886	EA	8" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	230.70	86.65
		For Below Ground Installation, Add	*6.50*	
		For Work In Restricted Working Space, Add	*38.98*	
22 13 16 00-0887	EA	8" x 6" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	293.55	95.25
		For Below Ground Installation, Add	*7.14*	
		For Work In Restricted Working Space, Add	*42.83*	

22 13 16 00-0888 No Hub Cast Iron Double Wyes *(22 13 16 00-0812)*

22 13 16 00-0889	EA	2" No Hub Cast Iron Double Wye	92.71	52.63
		For Below Ground Installation, Add	*3.95*	
		For Work In Restricted Working Space, Add	*23.67*	
22 13 16 00-0890	EA	3" No Hub Cast Iron Double Wye	121.51	64.09
		For Below Ground Installation, Add	*4.80*	
		For Work In Restricted Working Space, Add	*28.82*	
22 13 16 00-0891	EA	4" No Hub Cast Iron Double Wye	157.42	70.08
		For Below Ground Installation, Add	*5.25*	
		For Work In Restricted Working Space, Add	*31.51*	
22 13 16 00-0892	EA	6" No Hub Cast Iron Double Wye	247.22	104.73
		For Below Ground Installation, Add	*7.85*	
		For Work In Restricted Working Space, Add	*47.09*	
22 13 16 00-0893	EA	8" No Hub Cast Iron Double Wye	454.68	140.20
		For Below Ground Installation, Add	*10.51*	
		For Work In Restricted Working Space, Add	*63.07*	

22 13 16 00-0894 No Hub Cast Iron Reducing Double Wyes *(22 13 16 00-0812)*

22 13 16 00-0895	EA	3" x 2" No Hub Cast Iron Double Wye	109.25	58.32
		For Below Ground Installation, Add	*4.37*	
		For Work In Restricted Working Space, Add	*26.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0896	EA	4" x 2" No Hub Cast Iron Double Wye	130.02	67.16
		For Below Ground Installation, Add	*5.03*	
		For Work In Restricted Working Space, Add	*30.21*	
22 13 16 00-0897	EA	4" x 3" No Hub Cast Iron Double Wye	142.85	73.21
		For Below Ground Installation, Add	*5.49*	
		For Work In Restricted Working Space, Add	*32.93*	
22 13 16 00-0898	EA	6" x 4" No Hub Cast Iron Double Wye	211.63	92.34
		For Below Ground Installation, Add	*6.92*	
		For Work In Restricted Working Space, Add	*41.53*	

22 13 16 00-0899 No Hub Cast Iron Double Combination Wye And 1/8 Bends *(22 13 16 00-0812)*

22 13 16 00-0900	EA	2" No Hub Cast Iron Double Combination Wye And 1/8 Bend	119.00	63.22
		For Below Ground Installation, Add	*4.74*	
		For Work In Restricted Working Space, Add	*28.44*	
22 13 16 00-0901	EA	3" No Hub Cast Iron Double Combination Wye And 1/8 Bend	142.51	70.08
		For Below Ground Installation, Add	*5.25*	
		For Work In Restricted Working Space, Add	*31.51*	
22 13 16 00-0902	EA	4" No Hub Cast Iron Double Combination Wye And 1/8 Bend	210.61	92.78
		For Below Ground Installation, Add	*6.95*	
		For Work In Restricted Working Space, Add	*41.71*	
22 13 16 00-0903	EA	6" No Hub Cast Iron Double Combination Wye And 1/8 Bend	298.25	143.22
		For Below Ground Installation, Add	*10.73*	
		For Work In Restricted Working Space, Add	*64.41*	

22 13 16 00-0904 No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0812)*

22 13 16 00-0905	EA	3" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	109.63	54.38
		For Below Ground Installation, Add	*4.08*	
		For Work In Restricted Working Space, Add	*24.47*	
22 13 16 00-0906	EA	4" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	127.14	63.22
		For Below Ground Installation, Add	*4.74*	
		For Work In Restricted Working Space, Add	*28.44*	
22 13 16 00-0907	EA	4" x 3" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	150.55	69.05
		For Below Ground Installation, Add	*5.18*	
		For Work In Restricted Working Space, Add	*31.06*	

22 13 16 00-0908 No Hub Cast Iron Sanitary Tees *(22 13 16 00-0812)*

22 13 16 00-0909	EA	1-1/2" No Hub Cast Iron Sanitary Tee	55.19	30.59
		For Below Ground Installation, Add	*2.30*	
		For Work In Restricted Working Space, Add	*13.77*	
22 13 16 00-0910	EA	2" No Hub Cast Iron Sanitary Tee	73.86	42.33
		For Below Ground Installation, Add	*3.17*	
		For Work In Restricted Working Space, Add	*19.04*	
22 13 16 00-0911	EA	3" No Hub Cast Iron Sanitary Tee	81.94	46.35
		For Below Ground Installation, Add	*3.48*	
		For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-0912	EA	4" No Hub Cast Iron Sanitary Tee	110.68	60.88
		For Below Ground Installation, Add	*4.56*	
		For Work In Restricted Working Space, Add	*27.38*	
22 13 16 00-0913	EA	5" No Hub Cast Iron Sanitary Tee	152.94	69.98
		For Below Ground Installation, Add	*5.25*	
		For Work In Restricted Working Space, Add	*31.48*	
22 13 16 00-0914	EA	6" No Hub Cast Iron Sanitary Tee	180.51	83.09
		For Below Ground Installation, Add	*6.23*	
		For Work In Restricted Working Space, Add	*37.38*	
22 13 16 00-0915	EA	8" No Hub Cast Iron Sanitary Tee	328.53	110.21
		For Below Ground Installation, Add	*8.26*	
		For Work In Restricted Working Space, Add	*49.56*	
22 13 16 00-0916	EA	2" x 1-1/2" No Hub Cast Iron Sanitary Tee	62.16	34.53
		For Below Ground Installation, Add	*2.59*	
		For Work In Restricted Working Space, Add	*15.53*	
22 13 16 00-0917	EA	3" x 1-1/2" No Hub Cast Iron Sanitary Tee	72.11	40.44
		For Below Ground Installation, Add	*3.03*	
		For Work In Restricted Working Space, Add	*18.17*	

22 13 16 00-0918 No Hub Cast Iron Reducing Sanitary Tees *(22 13 16 00-0812)*

22 13 16 00-0919	EA	3" x 2" No Hub Cast Iron Reducing Sanitary Tee	75.00	42.33
		For Below Ground Installation, Add	*3.17*	
		For Work In Restricted Working Space, Add	*19.04*	
22 13 16 00-0920	EA	3" x 4" No Hub Cast Iron Reducing Sanitary Tee	86.90	42.33
		For Below Ground Installation, Add	*3.17*	
		For Work In Restricted Working Space, Add	*19.04*	
22 13 16 00-0921	EA	4" x 2" No Hub Cast Iron Reducing Sanitary Tee	100.67	57.30
		For Below Ground Installation, Add	*4.29*	
		For Work In Restricted Working Space, Add	*25.76*	
22 13 16 00-0922	EA	4" x 3" No Hub Cast Iron Reducing Sanitary Tee	103.56	57.30
		For Below Ground Installation, Add	*4.29*	
		For Work In Restricted Working Space, Add	*25.76*	
22 13 16 00-0923	EA	5" x 2" No Hub Cast Iron Reducing Sanitary Tee	134.01	66.49
		For Below Ground Installation, Add	*4.98*	
		For Work In Restricted Working Space, Add	*29.90*	
22 13 16 00-0924	EA	5" x 3" No Hub Cast Iron Reducing Sanitary Tee	138.04	66.49
		For Below Ground Installation, Add	*4.98*	
		For Work In Restricted Working Space, Add	*29.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0925	EA	5" x 4" No Hub Cast Iron Reducing Sanitary Tee	138.53	66.49
		For Below Ground Installation, Add	*4.98*	
		For Work In Restricted Working Space, Add	*29.90*	
22 13 16 00-0926	EA	6" x 4" No Hub Cast Iron Reducing Sanitary Tee	143.83	69.28
		For Below Ground Installation, Add	*5.19*	
		For Work In Restricted Working Space, Add	*31.15*	
22 13 16 00-0927	EA	8" x 6" No Hub Cast Iron Reducing Sanitary Tee	261.03	92.94
		For Below Ground Installation, Add	*6.97*	
		For Work In Restricted Working Space, Add	*41.80*	

22 13 16 00-0928 No Hub Cast Iron Sanitary Tapped Tees *(22 13 16 00-0812)*

22 13 16 00-0929	EA	2" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	41.48	20.73
		For Below Ground Installation, Add	*1.55*	
		For Work In Restricted Working Space, Add	*9.32*	
22 13 16 00-0930	EA	3" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	48.11	23.73
		For Below Ground Installation, Add	*1.78*	
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-0931	EA	4" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	59.89	31.39
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.13*	

22 13 16 00-0932 No Hub Cast Iron Cleanout Tees *(22 13 16 00-0812)*

22 13 16 00-0933	EA	2" No Hub Cast Iron Cleanout Tee	39.67	20.73
		For Below Ground Installation, Add	*1.55*	
		For Work In Restricted Working Space, Add	*9.32*	
22 13 16 00-0934	EA	3" No Hub Cast Iron Cleanout Tee	49.43	23.73
		For Below Ground Installation, Add	*1.78*	
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-0935	EA	4" No Hub Cast Iron Cleanout Tee	71.42	31.39
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-0936	EA	6" No Hub Cast Iron Cleanout Tee	116.96	46.35
		For Below Ground Installation, Add	*3.48*	
		For Work In Restricted Working Space, Add	*20.86*	

22 13 16 00-0937 No Hub Cast Iron Two-Way Cleanout Tees *(22 13 16 00-0812)*

22 13 16 00-0938	EA	4" No Hub Cast Iron Single Two-Way Cleanout Tee	160.69	60.88
		For Below Ground Installation, Add	*4.56*	
		For Work In Restricted Working Space, Add	*27.38*	
22 13 16 00-0939	EA	4" No Hub Cast Iron Double Two-Way Cleanout Tee	203.17	92.48
		For Below Ground Installation, Add	*6.93*	
		For Work In Restricted Working Space, Add	*41.61*	

22 13 16 00-0940 No Hub Cast Iron Cleanout Plugs *(22 13 16 00-0812)*

22 13 16 00-0941	EA	2" No Hub Cast Iron Cleanout Plug	34.72	20.73
		For Below Ground Installation, Add	*1.55*	
		For Work In Restricted Working Space, Add	*9.32*	
22 13 16 00-0942	EA	3" No Hub Cast Iron Cleanout Plug	41.35	23.73
		For Below Ground Installation, Add	*1.78*	
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-0943	EA	4" No Hub Cast Iron Cleanout Plug	58.01	31.39
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-0944	EA	6" No Hub Cast Iron Cleanout Plug	89.90	46.35
		For Below Ground Installation, Add	*3.48*	
		For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-0945	EA	8" No Hub Cast Iron Cleanout Plug	119.26	60.88
		For Below Ground Installation, Add	*4.56*	
		For Work In Restricted Working Space, Add	*27.38*	

22 13 16 00-0946 No Hub Cast Iron Sanitary Crosses *(22 13 16 00-0812)*

22 13 16 00-0947	EA	1-1/2" No Hub Cast Iron Sanitary Cross	73.88	40.88
		For Below Ground Installation, Add	*3.07*	
		For Work In Restricted Working Space, Add	*18.40*	
22 13 16 00-0948	EA	2" No Hub Cast Iron Sanitary Cross	79.15	42.33
		For Below Ground Installation, Add	*3.17*	
		For Work In Restricted Working Space, Add	*19.04*	
22 13 16 00-0949	EA	3" No Hub Cast Iron Sanitary Cross	94.21	46.35
		For Below Ground Installation, Add	*3.48*	
		For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-0950	EA	4" No Hub Cast Iron Sanitary Cross	137.64	60.88
		For Below Ground Installation, Add	*4.56*	
		For Work In Restricted Working Space, Add	*27.38*	

22 13 16 00-0951 No Hub Cast Iron Reducing Sanitary Crosses *(22 13 16 00-0812)*

22 13 16 00-0952	EA	3" x 2" No Hub Cast Iron Sanitary Cross	103.74	54.38
		For Below Ground Installation, Add	*4.08*	
		For Work In Restricted Working Space, Add	*24.46*	
22 13 16 00-0953	EA	4" x 2" No Hub Cast Iron Sanitary Cross	115.30	55.98
		For Below Ground Installation, Add	*4.20*	
		For Work In Restricted Working Space, Add	*25.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0954	EA	4" x 3" No Hub Cast Iron Sanitary Cross	125.46	58.47
		For Below Ground Installation, Add	*4.38*	
		For Work In Restricted Working Space, Add	*26.28*	

22 13 16 00-0955 No Hub Cast Iron Reducers *(22 13 16 00-0812)*

22 13 16 00-0956	EA	3" x 2" No Hub Cast Iron Reducer	68.73	42.33
		For Below Ground Installation, Add	*3.17*	
		For Work In Restricted Working Space, Add	*19.04*	
22 13 16 00-0957	EA	4" x 2" No Hub Cast Iron Reducer	93.90	57.30
		For Below Ground Installation, Add	*4.29*	
		For Work In Restricted Working Space, Add	*25.76*	
22 13 16 00-0958	EA	4" x 3" No Hub Cast Iron Reducer	94.15	57.30
		For Below Ground Installation, Add	*4.29*	
		For Work In Restricted Working Space, Add	*25.76*	
22 13 16 00-0959	EA	5" x 2" No Hub Cast Iron Reducer	111.44	66.49
		For Below Ground Installation, Add	*4.98*	
		For Work In Restricted Working Space, Add	*29.90*	
22 13 16 00-0960	EA	5" x 3" No Hub Cast Iron Reducer	113.07	66.49
		For Below Ground Installation, Add	*4.98*	
		For Work In Restricted Working Space, Add	*29.90*	
22 13 16 00-0961	EA	5" x 4" No Hub Cast Iron Reducer	113.72	66.49
		For Below Ground Installation, Add	*4.98*	
		For Work In Restricted Working Space, Add	*29.90*	
22 13 16 00-0962	EA	6" x 3" No Hub Cast Iron Reducer	131.07	73.90
		For Below Ground Installation, Add	*5.54*	
		For Work In Restricted Working Space, Add	*33.23*	
22 13 16 00-0963	EA	6" x 4" No Hub Cast Iron Reducer	131.32	73.90
		For Below Ground Installation, Add	*5.54*	
		For Work In Restricted Working Space, Add	*33.23*	
22 13 16 00-0964	EA	6" x 5" No Hub Cast Iron Reducer	132.06	73.90
		For Below Ground Installation, Add	*5.54*	
		For Work In Restricted Working Space, Add	*33.23*	
22 13 16 00-0965	EA	8" x 2" No Hub Cast Iron Reducer	181.26	102.84
		For Below Ground Installation, Add	*7.71*	
		For Work In Restricted Working Space, Add	*46.25*	
22 13 16 00-0966	EA	8" x 3" No Hub Cast Iron Reducer	183.14	102.84
		For Below Ground Installation, Add	*7.71*	
		For Work In Restricted Working Space, Add	*46.25*	
22 13 16 00-0967	EA	8" x 4" No Hub Cast Iron Reducer	186.15	102.84
		For Below Ground Installation, Add	*7.71*	
		For Work In Restricted Working Space, Add	*46.25*	
22 13 16 00-0968	EA	8" x 5" No Hub Cast Iron Reducer	189.29	102.84
		For Below Ground Installation, Add	*7.71*	
		For Work In Restricted Working Space, Add	*46.25*	
22 13 16 00-0969	EA	8" x 6" No Hub Cast Iron Reducer	189.66	102.84
		For Below Ground Installation, Add	*7.71*	
		For Work In Restricted Working Space, Add	*46.25*	
22 13 16 00-0970	EA	10" x 4" No Hub Cast Iron Reducer	220.78	108.48
		For Below Ground Installation, Add	*8.13*	
		For Work In Restricted Working Space, Add	*48.78*	
22 13 16 00-0971	EA	10" x 6" No Hub Cast Iron Reducer	235.02	113.24
		For Below Ground Installation, Add	*8.49*	
		For Work In Restricted Working Space, Add	*50.95*	
22 13 16 00-0972	EA	10" x 8" No Hub Cast Iron Reducer	262.38	122.93
		For Below Ground Installation, Add	*9.21*	
		For Work In Restricted Working Space, Add	*55.29*	

22 13 16 00-0973 No Hub Cast Iron Blind Plugs *(22 13 16 00-0812)*

22 13 16 00-0974	EA	1-1/2" No Hub Cast Iron Blind Plug	32.80	19.86
		For Below Ground Installation, Add	*1.49*	
		For Work In Restricted Working Space, Add	*8.94*	
22 13 16 00-0975	EA	2" No Hub Cast Iron Blind Plug	33.95	20.73
		For Below Ground Installation, Add	*1.55*	
		For Work In Restricted Working Space, Add	*9.32*	
22 13 16 00-0976	EA	3" No Hub Cast Iron Blind Plug	40.73	23.73
		For Below Ground Installation, Add	*1.78*	
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-0977	EA	4" No Hub Cast Iron Blind Plug	53.99	31.39
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-0978	EA	5" No Hub Cast Iron Blind Plug	67.61	37.02
		For Below Ground Installation, Add	*2.74*	
		For Work In Restricted Working Space, Add	*16.45*	
22 13 16 00-0979	EA	6" No Hub Cast Iron Blind Plug	77.22	42.86
		For Below Ground Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.29*	
22 13 16 00-0980	EA	8" No Hub Cast Iron Blind Plug	123.33	55.07
		For Below Ground Installation, Add	*4.13*	
		For Work In Restricted Working Space, Add	*24.78*	
22 13 16 00-0981	EA	10" No Hub Cast Iron Blind Plug	147.52	59.33
		For Below Ground Installation, Add	*4.45*	
		For Work In Restricted Working Space, Add	*26.69*	

22 13 16 00-0982 No Hub Cast Iron P-Traps *(22 13 16 00-0812)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0983	EA	2" No Hub Cast Iron P-Trap	41.73	20.73
		For Below Ground Installation, Add	*1.55*	
		For Work In Restricted Working Space, Add	*9.32*	
22 13 16 00-0984	EA	3" No Hub Cast Iron P-Trap	59.92	23.73
		For Below Ground Installation, Add	*1.78*	
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-0985	EA	4" No Hub Cast Iron P-Trap	89.34	31.39
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-0986	EA	5" No Hub Cast Iron P-Trap	150.96	36.24
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.29*	
22 13 16 00-0987	EA	6" No Hub Cast Iron P-Trap	161.54	43.21
		For Below Ground Installation, Add	*3.24*	
		For Work In Restricted Working Space, Add	*19.44*	

22 13 16 00-0988 No Hub Cast Iron Deep Seal P-Traps *(22 13 16 00-0812)*

22 13 16 00-0989	EA	2" No Hub Cast Iron Deep Seal P-Trap	64.92	26.36
		For Below Ground Installation, Add	*1.97*	
		For Work In Restricted Working Space, Add	*11.84*	
22 13 16 00-0990	EA	3" No Hub Cast Iron Deep Seal P-Trap	93.13	35.04
		For Below Ground Installation, Add	*2.63*	
		For Work In Restricted Working Space, Add	*15.76*	
22 13 16 00-0991	EA	4" No Hub Cast Iron Deep Seal P-Trap	134.52	46.28
		For Below Ground Installation, Add	*3.47*	
		For Work In Restricted Working Space, Add	*20.80*	

22 13 16 00-0992 No Hub Cast Iron Closet Flanges *(22 13 16 00-0812)*

22 13 16 00-0993	EA	4" No Hub Cast Iron Closet Flange	64.01	31.39
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-0994	EA	4" x 2-1/2" No Hub Cast Iron Offset Closet Flange	67.52	31.39
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.13*	

22 13 16 00-0995 No Hub Cast Iron Closet Bends *(22 13 16 00-0812)*

22 13 16 00-0996	EA	4" x 16" No Hub Cast Iron Closet Bend	113.29	31.39
		For Below Ground Installation, Add	*2.36*	
		For Work In Restricted Working Space, Add	*14.13*	

22 13 16 00-0997 No Hub Cast Iron Threaded Adapter *(22 13 16 00-0812)*

22 13 16 00-0998	EA	1-1/4" No Hub Cast Iron Threaded Adapter	48.62	26.36
		For Below Ground Installation, Add	*1.97*	
		For Work In Restricted Working Space, Add	*11.84*	
22 13 16 00-0999	EA	1-1/2" No Hub Cast Iron Threaded Adapter	51.45	26.36
		For Below Ground Installation, Add	*1.97*	
		For Work In Restricted Working Space, Add	*11.84*	

22 13 16 00-1000 No Hub Couplings *(22 13 16 00-0812)*

Note: Includes stainless steel shield/clamps assmbly with elastomeric gasket, ASTM C 564. (Fernco NH).

22 13 16 00-1001	EA	1-1/2" No Hub Coupling	4.89	
		For Medium Duty (Fernco MD-2000), Add	*0.64*	
		For Heavy Duty (Fernco HD-4000), Add	*1.32*	
22 13 16 00-1002	EA	2" No Hub Coupling	4.89	
		For Medium Duty (Fernco MD-2000), Add	*0.64*	
		For Heavy Duty (Fernco HD-4000), Add	*1.32*	
22 13 16 00-1003	EA	3" No Hub Coupling	5.80	
		For Medium Duty (Fernco MD-2000), Add	*0.75*	
		For Heavy Duty (Fernco HD-4000), Add	*1.57*	
22 13 16 00-1004	EA	4" No Hub Coupling	6.89	
		For Medium Duty (Fernco MD-2000), Add	*0.90*	
		For Heavy Duty (Fernco HD-4000), Add	*1.86*	
22 13 16 00-1005	EA	5" No Hub Coupling	15.93	
		For Medium Duty (Fernco MD-2000), Add	*2.07*	
		For Heavy Duty (Fernco HD-4000), Add	*4.30*	
22 13 16 00-1006	EA	6" No Hub Coupling	17.50	
		For Medium Duty (Fernco MD-2000), Add	*2.28*	
		For Heavy Duty (Fernco HD-4000), Add	*4.73*	
22 13 16 00-1007	EA	8" No Hub Coupling	32.97	
		For Medium Duty (Fernco MD-2000), Add	*4.29*	
		For Heavy Duty (Fernco HD-4000), Add	*8.90*	
22 13 16 00-1008	EA	10" No Hub Coupling	45.42	
		For Medium Duty (Fernco MD-2000), Add	*5.90*	
		For Heavy Duty (Fernco HD-4000), Add	*12.26*	
22 13 16 00-1009	EA	2" x 1-1/2" No Hub Reducing Coupling	5.80	
22 13 16 00-1010	EA	3" x 2" No Hub Reducing Coupling	9.00	
22 13 16 00-1011	EA	4" x 2" No Hub Reducing Coupling	12.55	
22 13 16 00-1012	EA	4" x 3" No Hub Reducing Coupling	10.70	

22 13 16 00-1013 Cast Iron Mechanical Joint Couplings With Neoprene Gasket And Bolts *(22 13 16 00-0812)*

Note: For underground connections. See CSI section 22 13 16 00-1277 for additional FERNCO couplings.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-1014	EA	1-1/2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	20.25	
22 13 16 00-1015	EA	2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	20.91	
22 13 16 00-1016	EA	3" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	21.95	
22 13 16 00-1017	EA	4" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	25.61	
22 13 16 00-1018	EA	5" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	48.34	
22 13 16 00-1019	EA	6" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	66.38	
22 13 16 00-1020	EA	8" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	116.29	
22 13 16 00-1021	EA	10" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	177.70	

22 13 16 00-1022 Cut And Prepare Existing Pipe In-Place *(22 13 16 00-0802)*

Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-1023	EA	Cut And Prepare 1-1/2" Cast Iron Pipe, No Hub	7.14	
		For Work In Restricted Working Space, Add	*2.14*	
22 13 16 00-1024	EA	Cut And Prepare 2" Cast Iron Pipe, No Hub	8.72	
		For Work In Restricted Working Space, Add	*2.62*	
22 13 16 00-1025	EA	Cut And Prepare 3" Cast Iron Pipe, No Hub	9.52	
		For Work In Restricted Working Space, Add	*2.86*	
22 13 16 00-1026	EA	Cut And Prepare 4" Cast Iron Pipe, No Hub	11.89	
		For Work In Restricted Working Space, Add	*3.57*	
22 13 16 00-1027	EA	Cut And Prepare 6" Cast Iron Pipe, No Hub	14.27	
		For Work In Restricted Working Space, Add	*4.28*	
22 13 16 00-1028	EA	Cut And Prepare 8" Cast Iron Pipe, No Hub	19.03	
		For Work In Restricted Working Space, Add	*5.71*	
22 13 16 00-1029	EA	Cut And Prepare 10" Cast Iron Pipe, No Hub	22.20	
		For Work In Restricted Working Space, Add	*6.66*	

22 13 16 00-1030 Acrylonitrile Butadiene Styrene (ABS) - Polyvinyl Chloride (PVC) DWV Pipe And Fittings *(22 13 16)*

Note: Aboveground installation. ABS - ASTM D2661, PVC - ASTM D2665 See CSI section 33 31 00 00-0002 for underground installation.

22 13 16 00-1031 Schedule 40 ABS-PVC DWV Pipe Assemblies *(22 13 16 00-1030)*

Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. ASTM D1784 (pipe), ASTM D1785 (fittings). Not for use where detail is available.

22 13 16 00-1032	LF	1-1/2" Schedule 40 ABS-PVC DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	15.25	3.06
		For Work In Restricted Working Space, Add	*4.20*	
22 13 16 00-1033	LF	2" Schedule 40 ABS-PVC DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	16.89	3.65
		For Work In Restricted Working Space, Add	*4.65*	
22 13 16 00-1034	LF	3" Schedule 40 ABS-PVC DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	21.79	5.26
		For Work In Restricted Working Space, Add	*5.78*	
22 13 16 00-1035	LF	4" Schedule 40 ABS-PVC DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	24.58	5.69
		For Work In Restricted Working Space, Add	*6.42*	
22 13 16 00-1036	LF	6" Schedule 40 ABS-PVC DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	36.14	7.30
		For Work In Restricted Working Space, Add	*8.54*	
22 13 16 00-1037	LF	8" Schedule 40 ABS-PVC DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	48.62	9.71
		For Work In Restricted Working Space, Add	*10.82*	
22 13 16 00-1038	LF	10" Schedule 40 ABS-PVC DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	66.60	13.00
		For Work In Restricted Working Space, Add	*14.10*	

22 13 16 00-1039 Schedule 40 ABS-PVC DWV Pipe *(22 13 16 00-1030)*

Note: Excludes fittings or hangers.

22 13 16 00-1040	LF	1-1/2" Schedule 40 ABS-PVC DWV Pipe	4.97	3.06
		For Work In Restricted Working Space, Add	*1.37*	
22 13 16 00-1041	LF	2" Schedule 40 ABS-PVC DWV Pipe	6.03	3.65
		For Work In Restricted Working Space, Add	*1.64*	
22 13 16 00-1042	LF	3" Schedule 40 ABS-PVC DWV Pipe	9.00	5.26
		For Work In Restricted Working Space, Add	*2.36*	
22 13 16 00-1043	LF	4" Schedule 40 ABS-PVC DWV Pipe	9.97	5.56
		For Work In Restricted Working Space, Add	*2.49*	
22 13 16 00-1044	LF	6" Schedule 40 ABS-PVC DWV Pipe	13.56	7.12
		For Work In Restricted Working Space, Add	*3.20*	
22 13 16 00-1045	LF	8" Schedule 40 ABS-PVC DWV Pipe	20.00	9.47
		For Work In Restricted Working Space, Add	*4.27*	
22 13 16 00-1046	LF	10" Schedule 40 ABS-PVC DWV Pipe	28.79	12.67
		For Work In Restricted Working Space, Add	*5.70*	

22 13 16 00-1047 Schedule 40 ABS-PVC DWV Fittings *(22 13 16 00-1030)*

22 13 16 00-1048 Schedule 40 ABS-PVC DWV 1/4 Bends *(22 13 16 00-1047)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-1049	EA	1-1/2" Schedule 40 ABS-PVC DWV 1/4 Bends	18.74	12.19
		For Work In Restricted Working Space, Add	*5.48*	
22 13 16 00-1050	EA	2" Schedule 40 ABS-PVC DWV 1/4 Bends	24.16	15.70
		For Work In Restricted Working Space, Add	*7.06*	
22 13 16 00-1051	EA	3" Schedule 40 ABS-PVC DWV 1/4 Bends	33.64	21.17
		For Work In Restricted Working Space, Add	*9.52*	
22 13 16 00-1052	EA	4" Schedule 40 ABS-PVC DWV 1/4 Bends	39.66	23.77
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1053	EA	6" Schedule 40 ABS-PVC DWV 1/4 Bends	71.07	30.90
		For Work In Restricted Working Space, Add	*13.91*	
22 13 16 00-1054	EA	8" Schedule 40 ABS-PVC DWV 1/4 Bends	104.62	41.58
		For Work In Restricted Working Space, Add	*18.69*	
22 13 16 00-1055	EA	10" Schedule 40 ABS-PVC DWV 1/4 Bends	138.86	55.39
		For Work In Restricted Working Space, Add	*24.92*	

22 13 16 00-1056 Schedule 40 ABS-PVC DWV 1/8 Bends *(22 13 16 00-1047)*

22 13 16 00-1057	EA	1-1/2" Schedule 40 ABS-PVC DWV 1/8 Bends	18.85	12.19
		For Work In Restricted Working Space, Add	*5.48*	
22 13 16 00-1058	EA	2" Schedule 40 ABS-PVC DWV 1/8 Bends	24.15	15.70
		For Work In Restricted Working Space, Add	*7.06*	
22 13 16 00-1059	EA	3" Schedule 40 ABS-PVC DWV 1/8 Bends	33.48	21.17
		For Work In Restricted Working Space, Add	*9.52*	
22 13 16 00-1060	EA	4" Schedule 40 ABS-PVC DWV 1/8 Bends	38.84	23.77
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1061	EA	6" Schedule 40 ABS-PVC DWV 1/8 Bends	68.98	30.90
		For Work In Restricted Working Space, Add	*13.91*	
22 13 16 00-1062	EA	8" Schedule 40 ABS-PVC DWV 1/8 Bends	99.76	41.58
		For Work In Restricted Working Space, Add	*18.69*	
22 13 16 00-1063	EA	10" Schedule 40 ABS-PVC DWV 1/8 Bends	124.56	55.39
		For Work In Restricted Working Space, Add	*24.92*	

22 13 16 00-1064 Schedule 40 ABS-PVC DWV Sanitary Tees *(22 13 16 00-1047)*

22 13 16 00-1065	EA	1-1/2" Schedule 40 ABS-PVC DWV Sanitary Tees	28.41	18.40
		For Work In Restricted Working Space, Add	*8.26*	
22 13 16 00-1066	EA	2" Schedule 40 ABS-PVC DWV Sanitary Tees	36.84	23.73
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1067	EA	3" Schedule 40 ABS-PVC DWV Sanitary Tees	50.40	31.39
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-1068	EA	4" Schedule 40 ABS-PVC DWV Sanitary Tees	60.18	35.95
		For Work In Restricted Working Space, Add	*16.16*	
22 13 16 00-1069	EA	6" Schedule 40 ABS-PVC DWV Sanitary Tees	107.84	47.49
		For Work In Restricted Working Space, Add	*21.36*	
22 13 16 00-1070	EA	8" Schedule 40 ABS-PVC DWV Sanitary Tees	143.49	64.00
		For Work In Restricted Working Space, Add	*28.84*	

22 13 16 00-1071 Schedule 40 ABS-PVC DWV Reducing Sanitary Tees *(22 13 16 00-1047)*

22 13 16 00-1072	EA	2" x 1-1/2" x 1-1/2" Schedule 40 ABS-PVC DWV Reducing Sanitary Tees	37.17	23.73
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1073	EA	2" x 1-1/2" x 2" Schedule 40 ABS-PVC DWV Reducing Sanitary Tees	37.77	23.73
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1074	EA	2" x 2" x 1-1/2" Schedule 40 ABS-PVC DWV Reducing Sanitary Tees	36.84	23.73
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1075	EA	3" x 3" x 1-1/2" Schedule 40 ABS-PVC DWV Reducing Sanitary Tees	49.63	31.39
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-1076	EA	3" x 3" x 2" Schedule 40 ABS-PVC DWV Reducing Sanitary Tees	49.51	31.39
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-1077	EA	4" x 4" x 1-1/2" Schedule 40 ABS-PVC DWV Reducing Sanitary Tees	57.28	35.95
		For Work In Restricted Working Space, Add	*16.16*	
22 13 16 00-1078	EA	4" x 4" x 2" Schedule 40 ABS-PVC DWV Reducing Sanitary Tees	62.42	35.95
		For Work In Restricted Working Space, Add	*16.16*	
22 13 16 00-1079	EA	4" x 4" x 3" Schedule 40 ABS-PVC DWV Reducing Sanitary Tees	65.49	35.95
		For Work In Restricted Working Space, Add	*16.16*	
22 13 16 00-1080	EA	6" x 6" x 4" Schedule 40 ABS-PVC DWV Reducing Sanitary Tees	106.63	47.49
		For Work In Restricted Working Space, Add	*21.36*	

22 13 16 00-1081 Schedule 40 ABS-PVC DWV Reducers *(22 13 16 00-1047)*

22 13 16 00-1082	EA	2" x 1-1/2" Schedule 40 ABS-PVC DWV Reducers	24.51	15.70
		For Work In Restricted Working Space, Add	*7.06*	
22 13 16 00-1083	EA	3" x 1-1/2" Schedule 40 ABS-PVC DWV Reducers	35.54	21.61
		For Work In Restricted Working Space, Add	*9.73*	
22 13 16 00-1084	EA	3" x 2" Schedule 40 ABS-PVC DWV Reducers	35.03	21.61
		For Work In Restricted Working Space, Add	*9.73*	
22 13 16 00-1085	EA	4" x 2" Schedule 40 ABS-PVC DWV Reducers	40.73	23.77
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1086	EA	4" x 3" Schedule 40 ABS-PVC DWV Reducers	40.97	23.77
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1087	EA	6" x 4" Schedule 40 ABS-PVC DWV Reducers	68.14	30.90
		For Work In Restricted Working Space, Add	*13.91*	
22 13 16 00-1088	EA	8" x 6" Schedule 40 ABS-PVC DWV Reducers	121.96	36.52
		For Work In Restricted Working Space, Add	*16.45*	

22 13 16 00-1089 Schedule 40 ABS-PVC DWV P-Traps *(22 13 16 00-1047)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-1090	EA	1" Schedule 40 ABS-PVC DWV P-Traps	21.65	13.65
		For Work In Restricted Working Space, Add	*6.13*	
22 13 16 00-1091	EA	1-1/2" Schedule 40 ABS-PVC DWV P-Traps	27.77	17.37
		For Work In Restricted Working Space, Add	*7.82*	
22 13 16 00-1092	EA	2" Schedule 40 ABS-PVC DWV P-Traps	33.37	20.73
		For Work In Restricted Working Space, Add	*9.32*	
22 13 16 00-1093	EA	3" Schedule 40 ABS-PVC DWV P-Traps	50.99	26.36
		For Work In Restricted Working Space, Add	*11.84*	
22 13 16 00-1094	EA	4" Schedule 40 ABS-PVC DWV P-Traps	69.87	28.26
		For Work In Restricted Working Space, Add	*12.73*	
22 13 16 00-1095	EA	6" Schedule 40 ABS-PVC DWV P-Traps	102.41	35.95
		For Work In Restricted Working Space, Add	*16.16*	

22 13 16 00-1096 Schedule 40 ABS-PVC DWV Closet Flanges *(22 13 16 00-1047)*

22 13 16 00-1097	EA	4" Schedule 40 ABS-PVC DWV Closet Flanges	26.07	15.18
		For Work In Restricted Working Space, Add	*6.84*	
22 13 16 00-1098	EA	4" x 3" Schedule 40 ABS-PVC DWV Closet Flanges	25.09	15.18
		For Work In Restricted Working Space, Add	*6.84*	

22 13 16 00-1099 Schedule 40 ABS-PVC DWV Double Sanitary Tees *(22 13 16 00-1047)*

22 13 16 00-1100	EA	1-1/2" Schedule 40 ABS-PVC DWV Double Sanitary Tees	38.21	23.73
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1101	EA	2" Schedule 40 ABS-PVC DWV Double Sanitary Tees	50.93	31.39
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-1102	EA	3" Schedule 40 ABS-PVC DWV Double Sanitary Tees	74.20	42.33
		For Work In Restricted Working Space, Add	*19.04*	
22 13 16 00-1103	EA	4" Schedule 40 ABS-PVC DWV Double Sanitary Tees	94.10	51.24
		For Work In Restricted Working Space, Add	*23.05*	

22 13 16 00-1104 Schedule 40 ABS-PVC DWV Long Sweep 1/4 Bends *(22 13 16 00-1047)*

22 13 16 00-1105	EA	1-1/2" Schedule 40 ABS-PVC DWV Long Sweep 1/4 Bends	19.87	12.05
		For Work In Restricted Working Space, Add	*5.41*	
22 13 16 00-1106	EA	2" Schedule 40 ABS-PVC DWV Long Sweep 1/4 Bends	24.94	15.70
		For Work In Restricted Working Space, Add	*7.06*	
22 13 16 00-1107	EA	3" Schedule 40 ABS-PVC DWV Long Sweep 1/4 Bends	36.37	21.61
		For Work In Restricted Working Space, Add	*9.73*	
22 13 16 00-1108	EA	4" Schedule 40 ABS-PVC DWV Long Sweep 1/4 Bends	47.22	26.36
		For Work In Restricted Working Space, Add	*11.84*	
22 13 16 00-1109	EA	6" Schedule 40 ABS-PVC DWV Long Sweep 1/4 Bends	63.19	30.44
		For Work In Restricted Working Space, Add	*13.69*	
22 13 16 00-1110	EA	8" Schedule 40 ABS-PVC DWV Long Sweep 1/4 Bends	85.08	34.75
		For Work In Restricted Working Space, Add	*15.64*	
22 13 16 00-1111	EA	10" Schedule 40 ABS-PVC DWV Long Sweep 1/4 Bends	116.46	40.59
		For Work In Restricted Working Space, Add	*18.25*	

22 13 16 00-1112 Schedule 40 ABS-PVC DWV Wyes *(22 13 16 00-1047)*

22 13 16 00-1113	EA	1-1/2" Schedule 40 ABS-PVC DWV Wyes	29.28	18.40
		For Work In Restricted Working Space, Add	*8.26*	
22 13 16 00-1114	EA	2" Schedule 40 ABS-PVC DWV Wyes	37.35	23.73
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1115	EA	3" Schedule 40 ABS-PVC DWV Wyes	51.05	31.39
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-1116	EA	4" Schedule 40 ABS-PVC DWV Wyes	65.74	38.98
		For Work In Restricted Working Space, Add	*17.52*	
22 13 16 00-1117	EA	6" Schedule 40 ABS-PVC DWV Wyes	132.36	41.58
		For Work In Restricted Working Space, Add	*29.90*	
22 13 16 00-1118	EA	8" Schedule 40 ABS-PVC DWV Wyes	174.42	55.39
		For Work In Restricted Working Space, Add	*40.37*	
22 13 16 00-1119	EA	10" Schedule 40 ABS-PVC DWV Wyes	231.71	73.90
		For Work In Restricted Working Space, Add	*53.82*	

22 13 16 00-1120 Schedule 40 ABS-PVC DWV Reducing Wyes *(22 13 16 00-1047)*

22 13 16 00-1121	EA	2" x 1-1/2" x 1-1/2" Schedule 40 ABS-PVC DWV Reducing Wyes	30.64	18.40
		For Work In Restricted Working Space, Add	*8.26*	
22 13 16 00-1122	EA	2" x 2" x 1" Schedule 40 ABS-PVC DWV Reducing Wyes	38.67	23.73
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1123	EA	3" x 3" x 2" Schedule 40 ABS-PVC DWV Reducing Wyes	50.15	31.39
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-1124	EA	4" x 4" x 2" Schedule 40 ABS-PVC DWV Reducing Wyes	64.30	38.98
		For Work In Restricted Working Space, Add	*17.52*	
22 13 16 00-1125	EA	4" x 4" x 3" Schedule 40 ABS-PVC DWV Reducing Wyes	65.29	38.98
		For Work In Restricted Working Space, Add	*17.52*	

22 13 16 00-1126 Schedule 40 ABS-PVC DWV Double Wyes *(22 13 16 00-1047)*

22 13 16 00-1127	EA	1-1/2" Schedule 40 ABS-PVC DWV Double Wyes	39.30	23.73
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1128	EA	2" Schedule 40 ABS-PVC DWV Double Wyes	51.85	31.39
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-1129	EA	3" Schedule 40 ABS-PVC DWV Double Wyes	75.74	42.33
		For Work In Restricted Working Space, Add	*19.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-1130	EA	4" Schedule 40 ABS-PVC DWV Double Wyes	101.72	51.24
		For Work In Restricted Working Space, Add	*23.05*	
22 13 16 00-1131	EA	2" x 2" x 1-1/2" x 1-1/2 Schedule 40 ABS-PVC DWV Double Wyes	51.44	31.39
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-1132	EA	3" x 3" x 2" x 2" Schedule 40 ABS-PVC DWV Double Wyes	72.61	42.33
		For Work In Restricted Working Space, Add	*19.04*	
22 13 16 00-1133	EA	4" x 4" x 3" x 3" Schedule 40 ABS-PVC DWV Double Wyes	96.54	51.24
		For Work In Restricted Working Space, Add	*23.05*	

22 13 16 00-1134 Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends *(22 13 16 00-1047)*

22 13 16 00-1135	EA	1-1/2" Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends	30.36	18.40
		For Work In Restricted Working Space, Add	*8.26*	
22 13 16 00-1136	EA	2" Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends	39.03	23.73
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1137	EA	3" Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends	56.13	31.39
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-1138	EA	4" Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends	77.13	38.98
		For Work In Restricted Working Space, Add	*17.52*	
22 13 16 00-1139	EA	2" x 2" x 1-1/2" Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends	42.71	23.73
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1140	EA	3" x 3" x 1-1/2" Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends	59.46	31.39
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-1141	EA	3" x 3" x 2" Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends	54.82	31.39
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-1142	EA	4" x 4" x 2" Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends	75.57	38.98
		For Work In Restricted Working Space, Add	*17.52*	
22 13 16 00-1143	EA	4" x 4" x 3" Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends	77.00	38.98
		For Work In Restricted Working Space, Add	*17.52*	

22 13 16 00-1144 Schedule 40 ABS-PVC DWV Double Combination Wye And 1/8 Bends *(22 13 16 00-1047)*

22 13 16 00-1145	EA	1-1/2" Schedule 40 ABS-PVC DWV Double Combination Wye And 1/8 Bends	40.14	23.73
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1146	EA	2" Schedule 40 ABS-PVC DWV Double Combination Wye And 1/8 Bends	51.94	31.39
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-1147	EA	3" Schedule 40 ABS-PVC DWV Double Combination Wye And 1/8 Bends	71.89	42.33
		For Work In Restricted Working Space, Add	*19.04*	
22 13 16 00-1148	EA	4" Schedule 40 ABS-PVC DWV Double Combination Wye And 1/8 Bends	121.19	51.24
		For Work In Restricted Working Space, Add	*23.05*	
22 13 16 00-1149	EA	6" Schedule 40 ABS-PVC DWV Double Combination Wye And 1/8 Bends	249.31	58.38
		For Work In Restricted Working Space, Add	*26.48*	

22 13 16 00-1150 Schedule 40 ABS-PVC DWV Clean Out Tees With Plug *(22 13 16 00-1047)*

22 13 16 00-1151	EA	4" Schedule 40 ABS-PVC DWV Clean Out Tees With Plug	171.34	96.01
		For Work In Restricted Working Space, Add	*43.17*	
22 13 16 00-1152	EA	6" Schedule 40 ABS-PVC DWV Clean Out Tees With Plug	265.36	123.79
		For Work In Restricted Working Space, Add	*55.67*	
22 13 16 00-1153	EA	8" Schedule 40 ABS-PVC DWV Clean Out Tees With Plug	360.95	174.51
		For Work In Restricted Working Space, Add	*78.49*	
22 13 16 00-1154	EA	10" Schedule 40 ABS-PVC DWV Clean Out Tees With Plug	453.80	214.47
		For Work In Restricted Working Space, Add	*96.62*	

22 13 16 00-1155 Schedule 40 ABS-PVC DWV Cleanout Adapters With Plug *(22 13 16 00-1047)*

22 13 16 00-1156	EA	1-1/2" Schedule 40 ABS-PVC DWV Cleanout Adapters With Plug	19.68	12.19
		For Work In Restricted Working Space, Add	*5.48*	
22 13 16 00-1157	EA	2" Schedule 40 ABS-PVC DWV Cleanout Adapters With Plug	25.66	15.55
		For Work In Restricted Working Space, Add	*7.01*	
22 13 16 00-1158	EA	3" Schedule 40 ABS-PVC DWV Cleanout Adapters With Plug	34.94	20.95
		For Work In Restricted Working Space, Add	*9.42*	
22 13 16 00-1159	EA	4" Schedule 40 ABS-PVC DWV Cleanout Adapters With Plug	47.02	25.84
		For Work In Restricted Working Space, Add	*11.61*	
22 13 16 00-1160	EA	6" Schedule 40 ABS-PVC DWV Cleanout Adapters With Plug	73.25	33.58
		For Work In Restricted Working Space, Add	*15.11*	
22 13 16 00-1161	EA	6" x 4" Schedule 40 ABS-PVC DWV Cleanout Adapters With Plug	68.35	29.71
		For Work In Restricted Working Space, Add	*13.36*	

22 13 16 00-1162 ABS To PVC Flexible Couplings *(22 13 16 00-1047)*

22 13 16 00-1163	EA	1-1/2" x 1-1/2" ABS To PVC Flexible Coupling	25.25	12.19
		For Work In Restricted Working Space, Add	*5.48*	
22 13 16 00-1164	EA	2" x 2" ABS To PVC Flexible Coupling	27.18	13.14
		For Work In Restricted Working Space, Add	*5.91*	
22 13 16 00-1165	EA	3" x 3" ABS To PVC Flexible Coupling	29.83	14.60
		For Work In Restricted Working Space, Add	*6.57*	
22 13 16 00-1166	EA	4" x 4" ABS To PVC Flexible Coupling	33.95	17.01
		For Work In Restricted Working Space, Add	*7.67*	

22 13 16 00-1167 Schedule 40 ABS-PVC Couplings *(22 13 16 00-1047)*

22 13 16 00-1168	EA	1-1/2" Schedule 40 ABS-PVC Couplings	18.22	11.89
22 13 16 00-1169	EA	2" Schedule 40 ABS-PVC Couplings	23.27	15.16
22 13 16 00-1170	EA	3" Schedule 40 ABS-PVC Couplings	31.83	20.44
22 13 16 00-1171	EA	4" Schedule 40 ABS-PVC Couplings	37.60	23.77

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22 13 16 00-1172	EA	6" Schedule 40 ABS-PVC Couplings	57.39	30.90
22 13 16 00-1173	EA	8" Schedule 40 ABS-PVC Couplings	94.17	41.58
22 13 16 00-1174	EA	10" Schedule 40 ABS-PVC Couplings	132.45	55.39
22 13 16 00-1175		Schedule 40 ABS-PVC Male Adapters *(22 13 16 00-1047)*		
22 13 16 00-1176	EA	1-1/2" Schedule 40 ABS-PVC Male Adapters	7.55	3.56
22 13 16 00-1177		Cut And Prepare Existing PVC-ABS DWV Pipe *(22 13 16 00-1030)*		
		Note: In place piping.		
22 13 16 00-1178	EA	1-1/2", Cut And Prepare Existing PVC-ABS DWV Pipe	5.36	
22 13 16 00-1179	EA	2", Cut And Prepare Existing PVC-ABS DWV Pipe	5.89	
22 13 16 00-1180	EA	3", Cut And Prepare Existing PVC-ABS DWV Pipe	7.49	
22 13 16 00-1181	EA	4", Cut And Prepare Existing PVC-ABS DWV Pipe	10.11	
22 13 16 00-1182	EA	6", Cut And Prepare Existing PVC-ABS DWV Pipe	14.45	
22 13 16 00-1183	EA	8", Cut And Prepare Existing PVC-ABS DWV Pipe	19.27	
22 13 16 00-1184	EA	10", Cut And Prepare Existing PVC-ABS DWV Pipe	23.55	
22 13 16 00-1185		Polypropylene Acid Resistant DWV Pipe And Fittings *(22 13 16)*		
22 13 16 00-1186		Schedule 40 Polypropylene Acid Resistant DWV Pipe And Fuseal Fittings *(22 13 16 00-1185)*		
22 13 16 00-1187		Schedule 40 Polypropylene Acid Resistant DWV Pipe *(22 13 16 00-1186)*		
22 13 16 00-1188	LF	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Pipe	9.86	4.16
		For Schedule 80, Add	*1.87*	
		For Fire Retardant Proxylene Pipe, Add	*1.60*	
		For Work In Restricted Working Space, Add	*1.88*	
22 13 16 00-1189	LF	2" Schedule 40 Polypropylene Acid Resistant DWV Pipe	11.90	4.67
		For Schedule 80, Add	*2.52*	
		For Fire Retardant Proxylene Pipe, Add	*2.16*	
		For Work In Restricted Working Space, Add	*2.12*	
22 13 16 00-1190	LF	3" Schedule 40 Polypropylene Acid Resistant DWV Pipe	18.97	6.79
		For Schedule 80, Add	*4.56*	
		For Fire Retardant Proxylene Pipe, Add	*3.90*	
		For Work In Restricted Working Space, Add	*3.06*	
22 13 16 00-1191	LF	4" Schedule 40 Polypropylene Acid Resistant DWV Pipe	25.70	8.84
		For Schedule 80, Add	*6.46*	
		For Fire Retardant Proxylene Pipe, Add	*5.53*	
		For Work In Restricted Working Space, Add	*3.98*	
22 13 16 00-1192	LF	6" Schedule 40 Polypropylene Acid Resistant DWV Pipe	41.87	13.00
		For Schedule 80, Add	*11.65*	
		For Fire Retardant Proxylene Pipe, Add	*9.97*	
		For Work In Restricted Working Space, Add	*5.84*	
22 13 16 00-1193		Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bends *(22 13 16 00-1186)*		
22 13 16 00-1194	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	38.00	15.70
		For Work In Restricted Working Space, Add	*7.06*	
22 13 16 00-1195	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	49.02	20.73
		For Work In Restricted Working Space, Add	*9.32*	
22 13 16 00-1196	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	66.09	23.73
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1197	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	95.64	31.39
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-1198	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	188.82	46.35
		For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-1199		Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bends *(22 13 16 00-1186)*		
22 13 16 00-1200	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	37.76	15.70
		For Work In Restricted Working Space, Add	*7.06*	
22 13 16 00-1201	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	48.37	20.73
		For Work In Restricted Working Space, Add	*9.32*	
22 13 16 00-1202	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	67.34	23.73
		For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1203	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	83.10	31.39
		For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-1204	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	169.38	46.35
		For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-1205		Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tees *(22 13 16 00-1186)*		
22 13 16 00-1206	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	68.30	33.58
		For Work In Restricted Working Space, Add	*15.10*	
22 13 16 00-1207	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	84.99	42.33
		For Work In Restricted Working Space, Add	*19.04*	
22 13 16 00-1208	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	112.57	46.35
		For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-1209	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	155.72	60.88
		For Work In Restricted Working Space, Add	*27.38*	
22 13 16 00-1210	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	274.21	97.38
		For Work In Restricted Working Space, Add	*43.80*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-1211		Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tees *(22 13 16 00-1186)*		
22 13 16 00-1212	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	84.96	42.33
		For Work In Restricted Working Space, Add	*19.04*	
22 13 16 00-1213	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	109.57	46.35
		For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-1214	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	106.90	46.35
		For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-1215	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	148.87	60.88
		For Work In Restricted Working Space, Add	*27.38*	
22 13 16 00-1216	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	151.45	60.88
		For Work In Restricted Working Space, Add	*27.38*	
22 13 16 00-1217	EA	6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	255.13	97.38
		For Work In Restricted Working Space, Add	*43.80*	
22 13 16 00-1218		Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tees With Plug *(22 13 16 00-1186)*		
22 13 16 00-1219	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	77.07	33.58
		For Work In Restricted Working Space, Add	*15.10*	
22 13 16 00-1220	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	87.11	42.33
		For Work In Restricted Working Space, Add	*19.04*	
22 13 16 00-1221	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	119.07	46.35
		For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-1222	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	158.71	60.88
		For Work In Restricted Working Space, Add	*27.38*	
22 13 16 00-1223	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	237.21	97.38
		For Work In Restricted Working Space, Add	*43.80*	
22 13 16 00-1224		Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wyes *(22 13 16 00-1186)*		
22 13 16 00-1225	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	73.23	33.58
		For Work In Restricted Working Space, Add	*15.10*	
22 13 16 00-1226	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	89.55	42.33
		For Work In Restricted Working Space, Add	*19.04*	
22 13 16 00-1227	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	115.29	46.35
		For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-1228	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	157.97	60.88
		For Work In Restricted Working Space, Add	*27.38*	
22 13 16 00-1229	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	315.38	97.38
		For Work In Restricted Working Space, Add	*43.80*	
22 13 16 00-1230		Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wyes *(22 13 16 00-1186)*		
22 13 16 00-1231	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	95.58	42.33
		For Work In Restricted Working Space, Add	*19.04*	
22 13 16 00-1232	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	112.20	46.35
		For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-1233	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	112.20	46.35
		For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-1234	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	155.30	60.88
		For Work In Restricted Working Space, Add	*27.38*	
22 13 16 00-1235	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	155.30	60.88
		For Work In Restricted Working Space, Add	*27.38*	
22 13 16 00-1236	EA	6" x 6" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	279.92	97.38
		For Work In Restricted Working Space, Add	*43.80*	
22 13 16 00-1237	EA	6" x 6" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	281.99	97.38
		For Work In Restricted Working Space, Add	*43.80*	
22 13 16 00-1238	EA	6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	256.00	97.38
		For Work In Restricted Working Space, Add	*43.80*	
22 13 16 00-1239		Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Crosses *(22 13 16 00-1186)*		
22 13 16 00-1240	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	91.09	41.97
		For Work In Restricted Working Space, Add	*18.88*	
22 13 16 00-1241	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	113.09	52.92
		For Work In Restricted Working Space, Add	*23.81*	
22 13 16 00-1242	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	154.39	57.96
		For Work In Restricted Working Space, Add	*26.07*	
22 13 16 00-1243	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	215.12	76.06
		For Work In Restricted Working Space, Add	*34.22*	
22 13 16 00-1244	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	383.49	121.68
		For Work In Restricted Working Space, Add	*54.75*	
22 13 16 00-1245		Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bends *(22 13 16 00-1186)*		
22 13 16 00-1246	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	66.70	33.58
		For Work In Restricted Working Space, Add	*15.10*	
22 13 16 00-1247	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	87.37	42.33
		For Work In Restricted Working Space, Add	*19.04*	
22 13 16 00-1248	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	100.10	46.35
		For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-1249	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	138.81	60.88
		For Work In Restricted Working Space, Add	*27.38*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-1250		EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	80.26	42.33
			For Work In Restricted Working Space, Add	*19.04*	
22 13 16 00-1251		EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	97.24	46.35
			For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-1252		EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	98.39	46.35
			For Work In Restricted Working Space, Add	*20.86*	
22 13 16 00-1253		EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	134.55	60.88
			For Work In Restricted Working Space, Add	*27.38*	
22 13 16 00-1254		EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	135.28	60.88
			For Work In Restricted Working Space, Add	*27.38*	

22 13 16 00-1255 Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Traps *(22 13 16 00-1186)*

22 13 16 00-1256		EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	78.91	38.98
			For Work In Restricted Working Space, Add	*17.52*	
22 13 16 00-1257		EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	105.07	51.24
			For Work In Restricted Working Space, Add	*23.05*	
22 13 16 00-1258		EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	159.81	69.57
			For Work In Restricted Working Space, Add	*31.28*	
22 13 16 00-1259		EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	226.03	88.55
			For Work In Restricted Working Space, Add	*39.82*	

22 13 16 00-1260 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapters *(22 13 16 00-1186)*

22 13 16 00-1261		EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	37.32	15.70
			For Work In Restricted Working Space, Add	*7.06*	
22 13 16 00-1262		EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	45.42	20.73
			For Work In Restricted Working Space, Add	*9.32*	
22 13 16 00-1263		EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	53.37	23.73
			For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1264		EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	72.72	31.39
			For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-1265		EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	107.88	46.35
			For Work In Restricted Working Space, Add	*20.86*	

22 13 16 00-1266 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapters *(22 13 16 00-1186)*

22 13 16 00-1267		EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	35.59	15.70
			For Work In Restricted Working Space, Add	*7.06*	
22 13 16 00-1268		EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	46.73	20.73
			For Work In Restricted Working Space, Add	*9.32*	
22 13 16 00-1269		EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	55.77	23.73
			For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1270		EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	75.07	31.39
			For Work In Restricted Working Space, Add	*14.13*	

22 13 16 00-1271 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Couplings *(22 13 16 00-1186)*

22 13 16 00-1272		EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	33.44	15.70
			For Work In Restricted Working Space, Add	*7.06*	
22 13 16 00-1273		EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	42.87	20.73
			For Work In Restricted Working Space, Add	*9.32*	
22 13 16 00-1274		EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	49.93	23.73
			For Work In Restricted Working Space, Add	*10.68*	
22 13 16 00-1275		EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	66.05	31.39
			For Work In Restricted Working Space, Add	*14.13*	
22 13 16 00-1276		EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	97.07	46.35
			For Work In Restricted Working Space, Add	*20.86*	

22 13 16 00-1277 Elastomeric PVC Flexible Pipe Couplings *(22 13 16)*

22 13 16 00-1278 CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Couplings *(22 13 16 00-1277)*

Note: For cast iron or plastic to cast iron or plastic pipe (CI/Plastic To CI/Plastic). Includes stainless steel clamps. Fernco 1056.

22 13 16 00-1279		EA	1-1/4" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	9.55	3.17
22 13 16 00-1280		EA	1-1/2" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	9.67	3.37
22 13 16 00-1281		EA	2" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	10.18	3.56
22 13 16 00-1282		EA	3" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	11.64	3.77
22 13 16 00-1283		EA	4" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	13.07	3.97
22 13 16 00-1284		EA	5" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	16.40	4.16
22 13 16 00-1285		EA	6" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	19.73	4.36
22 13 16 00-1286		EA	8" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	26.45	4.75
22 13 16 00-1287		EA	10" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	34.64	5.55

22 13 16 00-1288 CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Reducing Pipe Couplings *(22 13 16 00-1277)*

Note: For cast iron or plastic to cast iron or plastic pipe (CI/Plastic To CI/Plastic). Includes stainless steel clamps. Fernco 1056.

22 13 16 00-1289		EA	1-1/2" x 1-1/4" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Reducing Pipe Coupling	10.17	3.37
22 13 16 00-1290		EA	2" x 1-1/2" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Reducing Pipe Coupling	10.36	3.56
22 13 16 00-1291		EA	3" x 1-1/2" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Reducing Pipe Coupling	13.54	3.77
22 13 16 00-1292		EA	3" x 2" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Reducing Pipe Coupling	12.14	3.77
22 13 16 00-1293		EA	4" x 1-1/2" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Reducing Pipe Coupling	16.69	3.97

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-1294	EA	4" x 2" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Reducing Pipe Coupling	15.97	3.97
22 13 16 00-1295	EA	4" x 3" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Reducing Pipe Coupling	14.64	3.97
22 13 16 00-1296	EA	5" x 3" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Reducing Pipe Coupling	21.24	4.16
22 13 16 00-1297	EA	5" x 4" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Reducing Pipe Coupling	19.20	4.16
22 13 16 00-1298	EA	6" x 3" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Reducing Pipe Coupling	26.27	4.36
22 13 16 00-1299	EA	6" x 4" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Reducing Pipe Coupling	23.22	4.36
22 13 16 00-1300	EA	6" x 5" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Reducing Pipe Coupling	24.07	4.36
22 13 16 00-1301	EA	8" x 4" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Reducing Pipe Coupling	47.26	7.92
22 13 16 00-1302	EA	8" x 6" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Reducing Pipe Coupling	38.80	7.92
22 13 16 00-1303	EA	10" x 8" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Reducing Pipe Coupling	49.08	8.92

22 13 16 00-1304 Elastomeric PVC Flexible Pipe Caps *(22 13 16)*

Note: For cast iron, steel, copper or plastic pipe. Includes stainless steel clamp. Fernco QC.

22 13 16 00-1305	EA	1-1/2" Elastomeric PVC Flexible Pipe Cap	35.35	21.41
22 13 16 00-1306	EA	2" Elastomeric PVC Flexible Pipe Cap	37.95	22.76
22 13 16 00-1307	EA	3" Elastomeric PVC Flexible Pipe Cap	43.99	26.09
22 13 16 00-1308	EA	4" Elastomeric PVC Flexible Pipe Cap	58.02	34.50
22 13 16 00-1309	EA	5" Elastomeric PVC Flexible Pipe Cap	69.58	41.24
22 13 16 00-1310	EA	6" Elastomeric PVC Flexible Pipe Cap	80.10	47.58
22 13 16 00-1311	EA	8" Elastomeric PVC Flexible Pipe Cap	108.06	60.27

22 13 16 00-1312 Cast Iron Vent Stack Flashing Sleeves With Caulking Recess *(22 13 16)*

Note: Josam 26450 Series.

22 13 16 00-1313	EA	1-1/2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	53.17	16.42
22 13 16 00-1314	EA	2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	56.82	18.25
22 13 16 00-1315	EA	3" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	82.29	23.73
22 13 16 00-1316	EA	4" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	96.12	27.37
22 13 16 00-1317	EA	5" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	111.40	31.02
22 13 16 00-1318	EA	6" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	173.85	34.68

22 13 16 00-1319 Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess *(22 13 16)*

Note: Josam 26440 Series

22 13 16 00-1320	EA	1-1/2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	95.99	16.42
22 13 16 00-1321	EA	2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	99.64	18.25
22 13 16 00-1322	EA	3" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	120.03	23.73
22 13 16 00-1323	EA	4" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	148.37	27.37
22 13 16 00-1324	EA	5" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	197.77	31.02
22 13 16 00-1325	EA	6" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	205.06	34.68

22 13 16 00-1326 Cast Iron Vandal Proof Hooded Vent Cap *(22 13 16)*

Note: Includes counterflashing collar, deep protective hood and recessed securing screws. Josam 26700 Series.

22 13 16 00-1327	EA	1-1/2" Cast Iron Vandal Proof Hooded Vent Cap	172.18	16.42
22 13 16 00-1328	EA	2" Cast Iron Vandal Proof Hooded Vent Cap	175.84	18.25
22 13 16 00-1329	EA	3" Cast Iron Vandal Proof Hooded Vent Cap	204.21	23.73
22 13 16 00-1330	EA	4" Cast Iron Vandal Proof Hooded Vent Cap	230.38	27.37
22 13 16 00-1331	EA	5" Cast Iron Vandal Proof Hooded Vent Cap	268.17	31.02
22 13 16 00-1332	EA	6" Cast Iron Vandal Proof Hooded Vent Cap	293.60	34.68

22 13 19 Sanitary Waste Piping Specialties *(22 13)*

22 13 19 13 Sanitary Drains *(22 13 19)*

22 13 19 13-0001 Round Top Floor Drains *(22 13 19 13)*

22 13 19 13-0002	EA	6" Round Top Floor Drain With 1-1/2" Outlet, Bronze Top	265.41	78.47
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0003	EA	6" Round Top Floor Drain With 2" Outlet, Bronze Top	294.09	87.96
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0004	EA	6" Round Top Floor Drain With 3" Outlet, Bronze Top	303.15	97.30
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0005	EA	6" Round Top Floor Drain With 4" Outlet, Bronze Top	323.19	107.37
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0006	EA	9" Round Top Floor Drain With 2" Outlet, Cast Iron Top	279.39	87.96
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0007	EA	9" Round Top Floor Drain With 3" Outlet, Cast Iron Top	298.15	97.30
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0008	EA	9" Round Top Floor Drain With 4" Outlet, Cast Iron Top	318.19	107.37
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0009	EA	9" Round Top Floor Drain With 2" Outlet, Nikaloy Top	382.39	87.96
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0010	EA	9" Round Top Floor Drain With 3" Outlet, Nikaloy Top	401.15	97.30
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0011	EA	9" Round Top Floor Drain With 4" Outlet, Nikaloy Top	421.19	107.37
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0012	EA	9" Round Top Floor Drain With 2" Outlet, Bronze Top	367.39	87.96
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0013	EA	9" Round Top Floor Drain With 3" Outlet, Bronze Top	386.05	97.30
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0014	EA	9" Round Top Floor Drain With 4" Outlet, Bronze Top	406.19	107.37
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0015	EA	12-5/8" Round Top Floor Drain With 2" Outlet, Cast Iron Top	391.31	87.89
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0016	EA	12-5/8" Round Top Floor Drain With 3" Outlet, Cast Iron Top	410.05	97.30
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0017	EA	12-5/8" Round Top Floor Drain With 4" Outlet, Cast Iron Top	430.19	107.37
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0018	EA	12-5/8" Round Top Floor Drain With 2" Outlet, Nikaloy Top	545.31	87.89
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0019	EA	12-5/8" Round Top Floor Drain With 3" Outlet, Nikaloy Top	564.05	97.30
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0020	EA	12-5/8" Round Top Floor Drain With 4" Outlet, Nikaloy Top	584.19	107.37
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0021	EA	12-5/8" Round Top Floor Drain With 2" Outlet, Bronze Top	524.81	87.89
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0022	EA	12-5/8" Round Top Floor Drain With 3" Outlet, Bronze Top	543.55	97.30
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0023	EA	12-5/8" Round Top Floor Drain With 4" Outlet, Bronze Top	563.69	107.37
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	

22 13 19 13-0024 Square Or Rectangular Top Drains *(22 13 19 13)*

22 13 19 13-0025	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Nikaloy Top	307.81	87.89
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0026	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Nikaloy Top	326.76	97.38
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0027	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Nikaloy Top	346.69	107.37
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0028	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Nikaloy Top	322.81	87.89
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0029	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Nikaloy Top	341.76	97.38
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0030	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Nikaloy Top	361.69	107.37
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0031	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Nikaloy Top	388.81	87.89
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0032	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	407.76	97.38
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0033	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Nikaloy Top	427.69	107.37
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0034	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Bronze Top	296.81	87.89
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0035	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Bronze Top	315.76	97.38
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0036	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Bronze Top	335.69	107.37
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0037	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Bronze Top	315.81	87.89
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0038	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Bronze Top	334.76	97.38
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0039	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Bronze Top	354.69	107.37
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0040	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Bronze Top	369.31	87.89
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0041	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Bronze Top	388.26	97.38
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0042	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Bronze Top	408.19	107.37
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0043	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Cast Iron Top	774.26	97.38
		For Galvanized Cast Iron Parts, Add	*212.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0044	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Cast Iron Top	794.19	107.37
		For Galvanized Cast Iron Parts, Add	*212.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0045	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Nikaloy Top	937.26	97.38
		For Galvanized Cast Iron Parts, Add	*212.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0046	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Nikaloy Top	957.19	107.37
		For Galvanized Cast Iron Parts, Add	*212.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0047	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Bronze Top	917.76	97.38
		For Galvanized Cast Iron Parts, Add	*212.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0048	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Bronze Top	937.69	107.37
		For Galvanized Cast Iron Parts, Add	*212.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0049	EA	5" x 9" Floor Drain With 2" Bottom Outlet, Nikaloy Top	392.81	87.89
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0050	EA	5" x 9" Floor Drain With 3" Bottom Outlet, Nikaloy Top	411.76	97.38
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0051	EA	5" x 9" Floor Drain With 4" Bottom Outlet, Nikaloy Top	431.69	107.37
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0052	EA	5" x 13" Floor Drain With 2" Bottom Outlet, Nikaloy Top	470.31	87.89
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0053	EA	5" x 13" Floor Drain With 3" Bottom Outlet, Nikaloy Top	489.26	97.38
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0054	EA	5" x 13" Floor Drain With 4" Bottom Outlet, Nikaloy Top	509.19	107.37
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0055	EA	5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Nikaloy Top	488.31	87.89
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0056	EA	5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	507.26	97.38
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0057	EA	5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Nikaloy Top	527.19	107.37
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0058	EA	5" x 21" Floor Drain With 2" Bottom Outlet, Nikaloy Top	627.81	87.89
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0059	EA	5" x 21" Floor Drain With 3" Bottom Outlet, Nikaloy Top	646.76	97.38
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0060	EA	5" x 21" Floor Drain With 4" Bottom Outlet, Nikaloy Top	666.69	107.37
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0061	EA	5" x 9" Floor Drain With 2" Bottom Outlet, Bronze Top	376.81	87.89
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0062	EA	5" x 9" Floor Drain With 3" Bottom Outlet, Bronze Top	395.76	97.38
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0063	EA	5" x 9" Floor Drain With 4" Bottom Outlet, Bronze Top	415.69	107.37
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0064	EA	5" x 13" Floor Drain With 2" Bottom Outlet, Bronze Top	442.81	87.89
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0065	EA	5" x 13" Floor Drain With 3" Bottom Outlet, Bronze Top	461.76	97.38
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0066	EA	5" x 13" Floor Drain With 4" Bottom Outlet, Bronze Top	481.69	107.37
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0067	EA	5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Bronze Top	460.81	87.89
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0068	EA	5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Bronze Top	479.76	97.38
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0069	EA	5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Bronze Top	499.69	107.37
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0070	EA	5" x 21" Floor Drain With 2" Bottom Outlet, Bronze Top	574.31	87.89
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0071	EA	5" x 21" Floor Drain With 3" Bottom Outlet, Bronze Top	593.26	97.38
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0072	EA	5" x 21" Floor Drain With 4" Bottom Outlet, Bronze Top	613.19	107.37
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	

22 13 19 13-0073 Funnel Type Floor Drains *(22 13 19 13)*

22 13 19 13-0074	EA	7" Diameter Floor Drain With 4" Round Funnel With 1-1/2" Outlet, Bronze Top	364.48	78.47
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0075	EA	7" Diameter Floor Drain With 4" Round Funnel With 2" Outlet, Bronze Top	383.31	87.89
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0076	EA	7" Diameter Floor Drain With 4" Round Funnel With 3" Outlet, Bronze Top	402.05	97.30
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0077	EA	7" Diameter Floor Drain With 4" Round Funnel With 4" Outlet, Bronze Top	422.19	107.37
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0078	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Nikaloy Top	495.81	87.89
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0079	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Nikaloy Top	514.55	97.30
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0080	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Nikaloy Top	534.69	107.37
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0081	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Bronze Top	476.31	87.89
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0082	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Bronze Top	495.05	97.30
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0083	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Bronze Top	515.19	107.37
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	

22 13 19 13-0084 Floor Drain With Sediment Bucket Bottom Outlet *(22 13 19 13)*

22 13 19 13-0085	EA	12-5/8" Round Floor Drain With Sediment Bucket, 2" Bottom Outlet, Satin Bronze Top, Without Trap	650.41	78.47
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0086	EA	12-5/8" Round Floor Drain With Sediment Bucket, 3" Bottom Outlet, Satin Bronze Top, Without Trap	669.31	87.89
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0087	EA	12-5/8" Round Floor Drain With Sediment Bucket, 4" Bottom Outlet, Satin Bronze Top, Without Trap	688.05	97.30
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0088	EA	12-5/8" Round Floor Drain With Sediment Bucket, 5" Bottom Outlet, Satin Bronze Top, Without Trap	708.19	107.37
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0089	EA	12-5/8" Round Floor Drain With Sediment Bucket, 6" Bottom Outlet, Satin Bronze Top, Without Trap	728.97	117.74
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0090	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	707.31	87.89
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0091	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	726.26	97.38
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0092	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	746.19	107.37
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0093	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	766.97	117.74
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0094	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	481.81	87.89
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0095	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	500.76	97.38
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0096	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	520.69	107.37
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0097	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	541.47	117.74
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0098	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	668.31	87.89
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0099	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	687.26	97.38
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0100	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	707.19	107.37
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0101	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	727.97	117.74
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	

22 13 19 13-0102 Other Drains *(22 13 19 13)*

22 13 19 13-0103 Shower Drains *(22 13 19 13-0102)*

22 13 19 13-0104	EA	4-1/4" Stainless Steel Shower Drain Strainer Note: Includes two 2-5/8" screws.	28.23	7.92
22 13 19 13-0105	EA	4-1/4" Brass Shower Drain Strainer Note: Includes two 2-5/8" screws.	31.08	7.92
22 13 19 13-0106	EA	4" Brass Shower Drain For PVC Pipe Note: Fits over 2" PVC pipe or inside 3" PVC pipe.	66.08	15.86
22 13 19 13-0107	EA	4" Chrome Finish, Threaded Brass Shower Drain And Gasket Note: For 2" pipe. Kohler K-9132.	82.50	15.86

22 13 19 13-0108 Acid Resistant Floor Drains *(22 13 19 13-0102)*

22 13 19 13-0109	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Acid Resistant Top	366.41	78.47
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0110	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Acid Resistant Top	385.31	87.89
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0111	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Acid Resistant Top	404.05	97.30
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	

22 13 19 13-0112 Rotary And Lever Drains *(22 13 19 13-0102)*

22 13 19 13-0113	EA	1-1/2" Drain, 3" Sink Opening Lever Drain	158.79	52.92
22 13 19 13-0114	EA	2" Drain, 3" Sink Opening Lever Drain	169.73	58.39
22 13 19 13-0115	EA	1-1/2" Drain, 3-1/2" Sink Opening Lever Drain	158.79	52.92
22 13 19 13-0116	EA	2" Drain, 3-1/2" Sink Opening Lever Drain	169.73	58.39
22 13 19 13-0117	EA	1-1/2" Drain, 3" Sink Opening Twist Drain	158.79	52.92
22 13 19 13-0118	EA	2" Drain, 3" Sink Opening Twist Drain	169.73	58.39
22 13 19 13-0119	EA	1-1/2" Drain, 3-1/2" Sink Opening Twist Drain	158.79	52.92
22 13 19 13-0120	EA	2" Drain, 3-1/2" Sink Opening Twist Drain	169.73	58.39
22 13 19 13-0121	EA	1-1/2"-2" Drain, 3-1/2" Sink Opening Rotary Twist Drain (Fisher 16100)	210.58	58.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 13 19 13-0122 Floor Receptor *(22 13 19 13)*

22 13 19 13-0123 9" Diameter Round Shallow Receptor *(22 13 19 13-0122)*
Note: With slotted medium duty grate, aluminum secondary strainer and white acid resisting coated interior and top.

22 13 19 13-0124	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 2" Drain Connection	437.93	87.96
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0125	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 3" Drain Connection	456.96	97.45
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0126	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 4" Drain Connection	476.69	107.37
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	

22 13 19 13-0127 Square Top Floor Receptors *(22 13 19 13-0122)*
Note: With acid resistant coating.

22 13 19 13-0128	EA	8" x 8" Floor Drain With 1-1/2" Bottom Outlet, Acid Resistant Top	480.98	78.47
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
22 13 19 13-0129	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Acid Resistant Top	499.89	87.96
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
22 13 19 13-0130	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Acid Resistant Top	518.55	97.30
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
22 13 19 13-0131	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Acid Resistant Top	538.69	107.37
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	

22 13 19 26 Grease Removal Devices *(22 13 19)*

22 13 19 26-0001 Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26)*
Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval and flow control fitting.

22 13 19 26-0002 Standard Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0001)*
Note: Josam 60100H/60210A, Smith 8100/8400, Wade 5100, or Zurn Z1173/Z1170 series.

22 13 19 26-0003	EA	7 GPM, 14 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60102H.	668.10	54.75
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,267.89*	
22 13 19 26-0004	EA	10 GPM, 20 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60103H.	777.75	123.18
		For Flange And Clamp Device, Add	*342.28*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,336.62*	
22 13 19 26-0005	EA	15 GPM, 30 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60104H.	1,090.85	136.86
		For Flange And Clamp Device, Add	*351.41*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,458.79*	
22 13 19 26-0006	EA	20 GPM, 40 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60105H.	1,312.55	150.55
		For Flange And Clamp Device, Add	*360.53*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,575.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0007	EA	25 GPM, 50 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60106H.	1,468.07	164.24
		For Flange And Clamp Device, Add	*400.06*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,637.52*	
22 13 19 26-0008	EA	35 GPM, 70 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60107H.	1,799.41	191.62
		For Flange And Clamp Device, Add	*429.50*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,797.37*	
22 13 19 26-0009	EA	50 GPM, 100 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60108H.	2,336.66	218.99
		For Flange And Clamp Device, Add	*488.71*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,910.19*	
22 13 19 26-0010	EA	75 GPM, 150 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60109H.	4,530.59	246.36
		For Flange And Clamp Device, Add	*708.24*	
22 13 19 26-0011	EA	100 GPM, 200 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60110H.	5,111.06	287.76
		For Flange And Clamp Device, Add	*799.84*	
22 13 19 26-0012	EA	150 GPM, 300 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60213A.	6,335.40	460.40
		For Flange And Clamp Device, Add	*1,074.94*	
22 13 19 26-0013	EA	200 GPM, 400 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60214A.	9,067.57	575.51
		For Flange And Clamp Device, Add	*1,280.96*	
22 13 19 26-0014	EA	250 GPM, 500 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60215A.	10,582.88	690.61
		For Flange And Clamp Device, Add	*1,670.65*	
22 13 19 26-0015	EA	350 GPM, 700 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60216A,.	13,725.45	805.72
		For Flange And Clamp Device, Add	*1,985.15*	
22 13 19 26-0016	EA	500 GPM, 1000 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60217A.	17,723.50	920.82
		For Flange And Clamp Device, Add	*2,335.16*	
22 13 19 26-0017		Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0001)* Note: Josam 60110A, Smith 8100, Wade 5100LR, or Zurn Z1171 series.		
22 13 19 26-0018	EA	20 GPM, 40 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60115A.	1,867.23	150.55
22 13 19 26-0019	EA	35 GPM, 70 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60117A.	2,401.36	191.62
22 13 19 26-0020	EA	50 GPM, 100 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Smith 8150.	3,927.86	218.99
22 13 19 26-0021		Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26)* Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval, grease recovery cone, flexible hose, grease draw off valve and flow control fitting.		
22 13 19 26-0022		Standard Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0021)* Note: Josam 60100-SA, Smith 8300GTX, Wade 5100JCX, or Zurn Z1173-TD series.		
22 13 19 26-0023	EA	7 GPM, 14 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60102-SA.	1,633.19	54.75
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,267.89*	
22 13 19 26-0024	EA	10 GPM, 20 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60103-SA.	1,918.62	123.18
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,336.62*	
22 13 19 26-0025	EA	15 GPM, 30 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60104-SA.	2,051.73	136.86
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,458.79*	
22 13 19 26-0026	EA	20 GPM, 40 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60105-SA.	2,498.24	150.55
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,575.52*	
22 13 19 26-0027	EA	25 GPM, 50 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60106-SA.	3,005.69	164.24
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,637.52*	
22 13 19 26-0028	EA	35 GPM, 70 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60107-SA.	3,115.37	191.62
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,797.37*	
22 13 19 26-0029	EA	50 GPM, 100 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60108-SA.	3,556.32	218.99
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,910.19*	
22 13 19 26-0030		Low Profile Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0021)* Note: Josam 60115A-SA, Smith 8100GTX, or Zurn Z1171-TD series.		
22 13 19 26-0031	EA	35 GPM, 70 LB Capacity Low Profile Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60115A-SA.	4,163.09	191.62
22 13 19 26-0032		Automatic Cleaning Stainless Steel Grease Interceptor *(22 13 19 26)* Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer.		
22 13 19 26-0033	EA	20 GPM, 69 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Lowe Engineering 20 Greasestopper.	3,585.33	150.55
22 13 19 26-0034	EA	25 GPM, 91 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Lowe Engineering 25 Greasestopper.	4,159.28	164.24

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0035		Precast Concrete Grease Interceptor *(22 13 19 26)*		
		Note: Includes two access manholes, cast iron non-skid surface, lift hole, frame and cover for heavy-traffic.		
22 13 19 26-0036	EA	1000 Gallon Pre-Cast Grease Interceptor	3,563.75	263.87
22 13 19 26-0037	EA	1250 Gallon Pre-Cast Grease Interceptor	4,077.06	263.87
22 13 19 26-0038	EA	1500 Gallon Pre-Cast Grease Interceptor	4,627.40	301.67
22 13 19 26-0039	EA	2000 Gallon Pre-Cast Grease Interceptor	5,266.62	426.03
22 13 19 26-0040	EA	2500 Gallon Pre-Cast Grease Interceptor	5,930.72	573.19
22 13 19 26-0041	EA	4000 Gallon Pre-Cast Grease Interceptor	8,894.46	754.12
22 13 19 26-0042	EA	5000 Gallon Pre-Cast Grease Interceptor	11,421.48	1,236.64
22 13 19 26-0043		Coated Steel Manual Oil Interceptor *(22 13 19 26)*		
		Note: Includes internal air relief, and flow control fitting.		
22 13 19 26-0044	EA	10 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	1,759.90	208.55
22 13 19 26-0045	EA	15 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	2,338.47	247.79
22 13 19 26-0046	EA	20 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	2,835.63	304.89
22 13 19 26-0047	EA	25 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	3,079.78	330.26
22 13 19 26-0048	EA	35 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	3,659.88	360.40
22 13 19 26-0049	EA	50 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	4,748.58	396.48
22 13 19 26-0050	EA	75 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	7,763.28	456.23
22 13 19 26-0051	EA	100 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	8,548.04	561.34
22 13 19 26-0052	EA	150 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	10,417.05	608.42
22 13 19 26-0053	EA	200 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	14,458.73	729.95
22 13 19 26-0054	EA	250 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	16,624.60	784.71
22 13 19 26-0055	EA	350 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	20,885.69	935.81
22 13 19 26-0056	EA	400 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	24,865.72	766.82
22 13 19 26-0057	EA	500 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	29,460.31	912.44
22 13 19 33		**Backwater Valves** *(22 13 19)*		
22 13 19 33-0001		Cast Iron Body Flap Valves, Flanged *(22 13 19 33)*		
22 13 19 33-0002	EA	4" Flap And Flush Valve, Cast Iron, Flanged	543.85	208.04
22 13 19 33-0003	EA	6" Flap And Flush Valve, Cast Iron, Flanged	670.62	284.78
22 13 19 33-0004	EA	8" Flap And Flush Valve, Cast Iron, Flanged	882.55	327.50
22 13 19 33-0005	EA	10" Flap And Flush Valve, Cast Iron, Flanged	1,145.70	398.70
22 13 19 33-0006	EA	12" Flap And Flush Valve, Cast Iron, Flanged	1,346.36	484.13
22 13 19 33-0007		Cast Iron Backwater Sewer Line Valve *(22 13 19 33)*		
		Note: Offset type with bronze swing check assembly, threaded bronze cover, and bell and spigot connections.		
22 13 19 33-0008	EA	2" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	486.00	49.96
22 13 19 33-0009	EA	3" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	727.36	60.59
22 13 19 33-0010	EA	4" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	901.86	78.11
22 13 19 33-0011	EA	6" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,252.58	90.42
22 13 19 33-0012	EA	8" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,719.85	107.15
22 13 19 33-0013	EA	10" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	2,298.52	142.39
22 13 19 33-0014		Cast Iron Drainage Control Backwater Valve *(22 13 19 33)*		
		Note: Offset type with bronze, manually operated shear gate, non-rising stem, and bell and spigot connections.		
22 13 19 33-0015	EA	3" Drainage Control Backwater Valve, Cast Iron, Offset Type With Bronze Manually Operated Shear Gate	1,047.15	78.83
22 13 19 33-0016	EA	4" Drainage Control Backwater Valve, Cast Iron, Offset Type With Bronze Manually Operated Shear Gate	1,190.62	97.81
22 13 19 33-0017	EA	5" Drainage Control Backwater Valve, Cast Iron, Offset Type With Bronze Manually Operated Shear Gate	1,368.82	107.51
22 13 19 33-0018	EA	6" Drainage Control Backwater Valve, Cast Iron, Offset Type With Bronze Manually Operated Shear Gate	1,631.65	132.42
22 13 19 33-0019		PVC Backwater Sewer Line Valve *(22 13 19 33)*		
		Note: Oatey.		
22 13 19 33-0020	EA	3" PVC Backwater Sewer Valve	161.35	60.59
22 13 19 33-0021	EA	4" PVC Backwater Sewer Valve	200.73	78.11
22 13 19 33-0022	EA	6" PVC Backwater Sewer Valve	367.49	90.42
22 13 19 36		**Air-Admittance Valves** *(22 13 19)*		
22 13 19 36-0001		ABS And PVC Automatic Drain Vent *(22 13 19 36)*		
22 13 19 36-0002	EA	1-1/4", 1-1/2" And 2" ABS Or PVC Automatic Drain Vent, Mini Vent	82.63	10.22
22 13 19 36-0003	EA	2", 3" And 4" ABS Or PVC Automatic Drain Vent, Maxi Vent	97.37	10.22
22 13 23		**Sanitary Waste Interceptors** *(22 13)*		
22 13 23 00-0001		Plaster Interceptors *(22 13 23)*		
22 13 23 00-0002	EA	15 GPM, Low Volume, Solids Interceptor	351.68	103.37
22 13 23 00-0003	EA	30 GPM, High Volume, Solids Interceptor	908.08	241.18
22 13 23 00-0004		Solid Interceptors, Cast Iron With Internal Deep Seal Trap *(22 13 23)*		
22 13 23 00-0005	EA	1-1/2" Inlet Cast Iron Solid Interceptor, Painted Enamel	283.13	35.36
		For Stainless Steel Bucket, Add	*175.00*	
22 13 23 00-0006	EA	2" Inlet Cast Iron Solid Interceptor, Painted Enamel	287.65	37.66
		For Stainless Steel Bucket, Add	*175.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 23 00-0007		Sediment Strainers *(22 13 23)*		
22 13 23 00-0008	EA	2" Strainer, Pump Suction Side	108.62	48.29
22 13 29		**Sanitary Sewerage Pumps** *(22 13)*		
		Note: Includes extra set of gaskets, bearings and seals.		
22 13 29 13		**Wet-Pit-Mounted, Vertical Sewerage Pumps** *(22 13 29)*		
22 13 29 13-0001		Vertical Non-Clog Sewage Pumps *(22 13 29 13)*		
22 13 29 13-0002		1-1/2" Solids 1750 RPM Vertical Sewage Pumps *(22 13 29 13-0001)*		
22 13 29 13-0003	EA	1/2 HP, Up To 75 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1750 RPM	8,364.30	875.66
22 13 29 13-0004	EA	3/4 HP, Up To 125 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1750 RPM	8,770.77	875.66
22 13 29 13-0005	EA	1 HP, Up To 150 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1750 RPM	9,177.24	875.66
22 13 29 13-0006	EA	1-1/2 HP, Up To 150 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1750 RPM	9,564.95	875.66
22 13 29 13-0007		2" Solids 1750 RPM Vertical Sewage Pumps *(22 13 29 13-0001)*		
22 13 29 13-0008	EA	3/4 HP, Up To 75 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1750 RPM	9,489.91	875.66
22 13 29 13-0009	EA	1 HP, Up To 100 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1750 RPM	9,646.25	875.66
22 13 29 13-0010	EA	2 HP, Up To 200 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1750 RPM	9,755.68	875.66
22 13 29 13-0011	EA	3 HP, Up To 300 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1750 RPM	10,506.09	875.66
22 13 29 13-0012	EA	5 HP, Up To 400 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1750 RPM	11,240.86	875.66
22 13 29 13-0013	EA	7-1/2 HP, Up To 500 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1750 RPM	12,366.48	875.66
22 13 29 13-0014	EA	10 HP, Up To 600 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1750 RPM	13,492.09	875.66
22 13 29 13-0015	EA	15 HP, Up To 600 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1750 RPM	15,197.01	1,165.31
22 13 29 13-0016		3" Solids 1750 RPM Vertical Sewage Pumps *(22 13 29 13-0001)*		
22 13 29 13-0017	EA	2 HP, Up To 300 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1750 RPM	10,273.25	875.66
22 13 29 13-0018	EA	3 HP, Up To 400 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1750 RPM	10,273.25	875.66
22 13 29 13-0019	EA	5 HP, Up To 500 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1750 RPM	10,544.11	875.66
22 13 29 13-0020	EA	7-1/2 HP, Up To 700 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1750 RPM	12,645.75	875.66
22 13 29 13-0021	EA	10 HP, Up To 800 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1750 RPM	13,014.41	875.66
22 13 29 13-0022	EA	15 HP, Up To 900 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1750 RPM	15,326.70	1,165.31
22 13 29 13-0023	EA	20 HP, Up To 900 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1750 RPM	16,264.71	1,165.31
22 13 29 13-0024		Extra Column Assemblies Addition, 5' Or Less *(22 13 29 13-0001)*		
22 13 29 13-0025	EA	2-1/2" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	519.49	
22 13 29 13-0026	EA	3" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	623.75	
22 13 29 13-0027	EA	4" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	697.18	
22 13 29 13-0028	EA	5" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	709.88	
22 13 29 13-0029	EA	6" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	796.91	
22 13 29 13-0030		Float Switches *(22 13 29 13-0001)*		
		Note: Copper coated floats, brass rods and stops and switch brackets.		
22 13 29 13-0031	EA	Float Switch Copper Coated Float, Add, General Purpose For vertical sewage pumps	466.91	
22 13 29 13-0032	EA	Float Switch Copper Coated Float, Add, Weather Proof For vertical sewage pumps	490.48	
22 13 29 13-0033	EA	Float Switch Copper Coated Float, Add, Explosion Proof For vertical sewage pumps	501.36	
22 13 29 13-0034		Square Or Round Steel Sump Covers *(22 13 29 13-0001)*		
22 13 29 13-0035	EA	24" Steel Sump Covers, Square Or Round	422.30	29.20
22 13 29 13-0036	EA	30" Steel Sump Covers, Square Or Round	467.64	32.84
22 13 29 13-0037	EA	36" Steel Sump Covers, Square Or Round	648.09	43.79
22 13 29 13-0038	EA	40" Steel Sump Covers, Square Or Round	934.84	51.10
22 13 29 13-0039	EA	42" Steel Sump Covers, Square Or Round	1,001.30	52.92
22 13 29 13-0040	EA	48" Steel Sump Covers, Square Or Round	1,069.94	54.75
22 13 29 13-0041	EA	54" Steel Sump Covers, Square Or Round	1,361.12	65.70
22 13 29 13-0042	EA	60" Steel Sump Covers, Square Or Round	1,836.38	73.00
22 13 29 13-0043	EA	72" Steel Sump Covers, Square Or Round	2,328.65	91.25
22 13 29 13-0044	EA	84" Steel Sump Covers, Square Or Round	2,953.05	100.37
22 13 29 16		**Submersible Sewerage Pumps** *(22 13 29)*		
		Note: Includes 25' of cord with pumps unless otherwise noted.		
22 13 29 16-0001		Submersible Sewage Pumps With Vortex Impeller *(22 13 29 16)*		
22 13 29 16-0002		Submersible Sewage Pumps With Cast Iron Vortex Impeller *(22 13 29 16-0001)*		
22 13 29 16-0003	EA	1/2 HP Submersible Sewage Pump, 115V Or 230V 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	482.61	53.13
22 13 29 16-0004	EA	1/2 HP Submersible Sewage Pump, 115V Or 230V 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	633.04	53.13
22 13 29 16-0005	EA	1 HP Submersible Sewage Pump, 115V Or 230V 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	762.21	66.41
22 13 29 16-0006		Submersible Sewage Pumps With Bronze Vortex Impeller *(22 13 29 16-0001)*		
22 13 29 16-0007	EA	1/2 HP Submersible Sewage Pump, 115V Or 230V 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	723.38	53.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0008	EA	1 HP Submersible Sewage Pump, 230V 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	885.10	66.41
22 13 29 16-0009	EA	1-1/2 HP Submersible Sewage Pump, 230V 1 Or 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,067.93	107.05
22 13 29 16-0010	EA	2 HP Submersible Sewage Pump, 230V 1 Or 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,171.23	130.83

22 13 29 16-0011 Submersible Sewage Pumps With Semi-Open Impeller *(22 13 29 16)*

22 13 29 16-0012	EA	1 HP Submersible Sewage Pump, 230V 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,571.55	66.41
22 13 29 16-0013	EA	1.5 HP Submersible Sewage Pump, 230V 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,742.51	111.25
22 13 29 16-0014	EA	2 HP Submersible Sewage Pump, 230V 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	2,248.78	135.97
22 13 29 16-0015	EA	3 HP Submersible Sewage Pump, 230V 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	2,614.32	164.81
22 13 29 16-0016	EA	5 HP Submersible Sewage Pump, 230V 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	3,046.56	193.66
22 13 29 16-0017	EA	7.5 HP Submersible Sewage Pump, 230V 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	3,179.83	222.50

22 13 29 16-0018 Submersible Sewage Pumps Accessories *(22 13 29 16)*

22 13 29 16-0019	EA	Simplex Single Phase Plug In Controller With NEMA 4X Enclosure For Non-Automatic Submersible Sewage Pump Note: Includes alarm horn, warning light, and single control float switches.	288.06	61.83
22 13 29 16-0020	EA	Simplex Single Phase Controller With NEMA 4X Enclosure For Non Automatic Submersible Sewage Pump Note: Includes alarm horn, warning light, HOA switch, and three control float switches.	677.59	82.45
22 13 29 16-0021	EA	Simplex Three Phase Controller With NEMA 4X Enclosure For Non Automatic Submersible Sewage Pump Note: Includes alarm horn, warning light, HOA switch, and three control float switches.	880.71	82.45
22 13 29 16-0022	EA	Duplex Alarm System And Controller With NEMA 4X Enclosure For Non Automatic Submersible Sewage Pump Note: Includes alarm horn, warning light, HOA switch, and three control float switches.	982.80	103.05
22 13 29 16-0023	EA	High-water Alarm For Submersible Sewage Pump	222.08	41.22
22 13 29 16-0024	EA	Float Switch For Submersible Sewage Pump	83.29	20.61
22 13 29 16-0025	EA	Rail System With 2" Discharge For Submersible Sewage Pump	417.55	61.83

22 13 29 33 Sewerage Pump Basins And Pits *(22 13 29)*

22 13 29 33-0001 Sewage Sump Pump Basin *(22 13 29 33)*

22 13 29 33-0002 High Density Polyethylene Basin *(22 13 29 33-0001)*

22 13 29 33-0003	EA	18" Diameter x 24" High HDPE Basin And Lid With Inlet And Hub	105.98	
22 13 29 33-0004	EA	18" Diameter x 30" High HDPE Basin And Lid With Inlet And Hub	134.58	
22 13 29 33-0005	EA	24" Diameter x 30" High HDPE Basin And Lid With Inlet And Hub	289.61	
22 13 29 33-0006	EA	24" Diameter x 36" High HDPE Basin And Lid With Inlet And Hub	401.69	
22 13 29 33-0007	EA	30" Diameter x 36" High HDPE Basin And Lid With Inlet And Hub	513.77	
22 13 29 33-0008	EA	36" Diameter x 36" High HDPE Basin And Lid With Inlet And Hub	596.05	

22 13 29 33-0009 Fiberglass Basin *(22 13 29 33-0001)*

22 13 29 33-0010	EA	18" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	180.09	
22 13 29 33-0011	EA	24" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	340.43	
22 13 29 33-0012	EA	30" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	592.55	
22 13 29 33-0013	EA	36" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	788.08	
22 13 29 33-0014	EA	36" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	904.88	
22 13 29 33-0015	EA	36" Diameter x 60" High Fiberglass Basin And Lid With Inlet And Hub	955.94	
22 13 29 33-0016	EA	36" Diameter x 72" High Fiberglass Basin And Lid With Inlet And Hub	1,118.12	
22 13 29 33-0017	EA	48" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	1,296.17	

22 14 Facility Storm Drainage *(22 10)*

22 14 13 Facility Storm Drainage Piping *(22 14)*

See CSI section 22 13 16 00-0000 for storm drainage piping.

22 14 26 Facility Storm Drains *(22 14)*

22 14 26 13 Roof Drains *(22 14 26)*

22 14 26 13-0001 Cast Iron Roof Drains *(22 14 26 13)*

22 14 26 13-0002 Cast Iron Roof Drains With Large Polypropylene Dome *(22 14 26 13-0001)*

Note: Dome free area is 124 square inches.

22 14 26 13-0003	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, 124 Square Inch Free Area Polypropylene Dome	388.82	121.68
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Bronze Dome, Add	*170.50*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0004	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, 124 Square Inch Free Area Polypropylene Dome	449.65	145.99
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Bronze Dome, Add	*170.50*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0005	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, 124 Square Inch Free Area Polypropylene Dome	510.48	182.49
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Bronze Dome, Add	*170.50*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0006	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, 124 Square Inch Free Area Polypropylene Dome	664.23	218.99
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Bronze Dome, Add	*170.50*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0007	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, 124 Square Inch Free Area Polypropylene Dome	694.64	243.29
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Bronze Dome, Add	*170.50*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0008	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, 124 Square Inch Free Area Polypropylene Dome	781.03	255.48
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Bronze Dome, Add	*170.50*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0009	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, 124 Square Inch Free Area Polypropylene Dome	955.26	264.61
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Bronze Dome, Add	*170.50*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	

22 14 26 13-0010 Cast Iron Roof Drains With Expansion Joint *(22 14 26 13-0001)*

Note: With polypropylene dome. Dome free area is 124 square inches.

22 14 26 13-0011	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 2" Outlet, Polypropylene Dome	524.82	121.68
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0012	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 3" Outlet, Polypropylene Dome	595.15	145.99
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0013	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 4" Outlet, Polypropylene Dome	674.48	182.49
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0014	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 5" Outlet, Polypropylene Dome	902.73	218.99
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0015	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 6" Outlet, Polypropylene Dome	967.64	243.29
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	

22 14 26 13-0016 Cast Iron Roof Drains With Flat Bronze Promenade Top *(22 14 26 13-0001)*

22 14 26 13-0017	EA	14" x 14" Cast Iron Roof Drain With 2" Outlet, Bronze Promenade Top	658.82	121.68
		For Galvanized Iron Parts, Add	*182.50*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0018	EA	14" x 14" Cast Iron Roof Drain With 3" Outlet, Bronze Promenade Top	719.65	145.99
		For Galvanized Iron Parts, Add	*182.50*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0019	EA	14" x 14" Cast Iron Roof Drain With 4" Outlet, Bronze Promenade Top	780.48	182.49
		For Galvanized Iron Parts, Add	*182.50*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0020	EA	14" x 14" Cast Iron Roof Drain With 5" Outlet, Bronze Promenade Top	930.23	218.99
		For Galvanized Iron Parts, Add	*182.50*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0021	EA	14" x 14" Cast Iron Roof Drain With 6" Outlet, Bronze Promenade Top	960.64	243.29
		For Galvanized Iron Parts, Add	*182.50*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	

22 14 26 13-0022 Cast Iron Scupper Drain With L-Shaped Bronze Grate *(22 14 26 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0023	EA	Cast Iron Scupper Drain With 2" Outlet, L-Shaped Bronze Grate	388.33	48.69
		For Galvanized Iron Parts, Add	*49.00*	
		For Vandal Proof Grate, Add	*11.00*	
22 14 26 13-0024	EA	Cast Iron Scupper Drain With 3" Outlet, L-Shaped Bronze Grate	412.66	60.81
		For Galvanized Iron Parts, Add	*49.00*	
		For Vandal Proof Grate, Add	*11.00*	
22 14 26 13-0025	EA	Cast Iron Scupper Drain With 4" Outlet, L-Shaped Bronze Grate	423.72	66.35
		For Galvanized Iron Parts, Add	*49.00*	
		For Vandal Proof Grate, Add	*11.00*	
22 14 26 13-0026	EA	Cast Iron Scupper Drain With 5" Outlet, L-Shaped Bronze Grate	589.39	87.96
		For Galvanized Iron Parts, Add	*98.00*	
		For Vandal Proof Grate, Add	*11.00*	
22 14 26 13-0027	EA	Cast Iron Scupper Drain With 6" Outlet, L-Shaped Bronze Grate	628.19	107.37
		For Galvanized Iron Parts, Add	*98.00*	
		For Vandal Proof Grate, Add	*11.00*	

22 14 26 13-0028 Cast Iron Roof Drain With Flat Cast Iron Grate *(22 14 26 13-0001)*

22 14 26 13-0029	EA	9" x 9" Cast Iron Roof Drain With 2" Outlet, Cast Iron Promenade Top	411.82	121.68
		For Galvanized Cast Iron Parts, Add	*55.00*	
		For Bronze Grate, Add	*78.50*	
		For Deck Clamp, Add	*31.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*72.00*	
22 14 26 13-0030	EA	9" x 9" Cast Iron Roof Drain With 3" Outlet, Cast Iron Promenade Top	472.65	145.99
		For Galvanized Cast Iron Parts, Add	*55.00*	
		For Bronze Grate, Add	*78.50*	
		For Deck Clamp, Add	*31.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*72.00*	
22 14 26 13-0031	EA	9" x 9" Cast Iron Roof Drain With 4" Outlet, Cast Iron Promenade Top	533.48	182.49
		For Galvanized Cast Iron Parts, Add	*55.00*	
		For Bronze Grate, Add	*78.50*	
		For Deck Clamp, Add	*31.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*72.00*	

22 14 26 13-0032 Cast Iron Roof Drains With Large Cast Iron Dome *(22 14 26 13-0001)*

22 14 26 13-0033	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, Cast Iron Dome	431.82	121.68
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0034	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, Cast Iron Dome	492.65	145.99
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0035	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, Cast Iron Dome	553.48	182.49
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0036	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, Cast Iron Dome	707.23	218.99
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0037	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, Cast Iron Dome	737.64	243.29
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0038	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, Cast Iron Dome	824.03	255.48
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0039	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, Cast Iron Dome	998.26	264.61
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	

22 14 26 13-0040 Aluminum Roof Drains *(22 14 26 13)*

22 14 26 13-0041 Aluminum Dome Roof Drains *(22 14 26 13-0040)*

22 14 26 13-0042	EA	15" Diameter Roof Drain With 2" Outlet, Aluminum Dome	439.32	121.68
		For Galvanized Cast Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0043	EA	15" Diameter Roof Drain With 3" Outlet, Aluminum Dome	500.15	145.99
		For Galvanized Cast Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0044	EA	15" Diameter Roof Drain With 4" Outlet, Aluminum Dome	560.98	182.49
		For Galvanized Cast Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0045	EA	15" Diameter Roof Drain With 6" Outlet, Aluminum Dome	745.14	243.08
		For Galvanized Cast Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0046	EA	15" Diameter Roof Drain With 8" Outlet, Aluminum Dome	831.67	255.48
		For Galvanized Cast Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0047	EA	15" Diameter Roof Drain With 10" Outlet, Aluminum Dome	1,005.76	264.61
		For Galvanized Cast Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0048		Retrofit Roof Drains *(22 14 26 13)*		
22 14 26 13-0049		Copolymer Retrofit Roof Drains With Copolymer Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0050	EA	Copolymer Retrofit 3" Roof Drains, With Copolymer Dome	491.99	145.99
22 14 26 13-0051	EA	Copolymer Retrofit 4" Roof Drains, With Copolymer Dome	560.04	182.49
22 14 26 13-0052	EA	Copolymer Retrofit 5" Roof Drains, With Copolymer Dome	680.19	218.99
22 14 26 13-0053	EA	Copolymer Retrofit 6" Roof Drains, With Copolymer Dome	739.50	243.08
22 14 26 13-0054		Copolymer Retrofit Roof Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0055	EA	Copolymer Retrofit Drain, 3", With Cast Aluminum Dome	557.01	145.99
22 14 26 13-0056	EA	Copolymer Retrofit Drain, 4", With Cast Aluminum Dome	622.17	182.49
22 14 26 13-0057	EA	Copolymer Retrofit Drain, 5", With Cast Aluminum Dome	746.65	218.99
22 14 26 13-0058	EA	Copolymer Retrofit Drain, 6", With Cast Aluminum Dome	785.73	243.08
22 14 26 13-0059		Aluminum Retrofit Roof Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0060	EA	Aluminum Retrofit 3" Roof Drains, With Cast Aluminum Dome	494.88	145.99
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0061	EA	Aluminum Retrofit 4" Roof Drains, With Cast Aluminum Dome	562.93	182.49
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0062	EA	Aluminum Retrofit 5" Roof Drains, With Cast Aluminum Dome	683.08	218.99
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0063	EA	Aluminum Retrofit 6" Roof Drains, With Cast Aluminum Dome	719.27	243.08
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0064		Bronze Downspout Nozzles *(22 14 26 13)*		
22 14 26 13-0065	EA	2" Outlet, Bronze Roof Drain Downspout Nozzle	287.32	73.00
22 14 26 13-0066	EA	3" Outlet, Bronze Roof Drain Downspout Nozzle	287.32	73.00
22 14 26 13-0067	EA	4" Outlet, Bronze Roof Drain Downspout Nozzle	287.32	73.00
22 14 26 13-0068	EA	5" Outlet, Bronze Roof Drain Downspout Nozzle	436.95	91.25
22 14 26 13-0069	EA	6" Outlet, Bronze Roof Drain Downspout Nozzle	436.95	91.25
22 14 26 13-0070	EA	8" Outlet, Bronze Roof Drain Downspout Nozzle	555.41	91.25
22 14 26 16		**Facility Area Drains** *(22 14 26)*		
22 14 26 16-0001		Area Drain *(22 14 26 16)*		
22 14 26 16-0002	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	707.31	87.89
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0003	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	726.26	97.38
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0004	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	746.19	107.37
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0005	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	766.97	117.74
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0006	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	481.81	87.89
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0007	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	500.76	97.38
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0008	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	520.69	107.37
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0009	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	541.47	117.74
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0010	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	668.31	87.89
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0011	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	687.26	97.38
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0012	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	707.19	107.37
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0013	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	727.97	117.74
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0014	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,303.31	87.89
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0015	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,322.26	97.38
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0016	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,342.19	107.37
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0017	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,362.97	117.74
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0018	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	698.31	87.89
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0019	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	717.26	97.38
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0020	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	737.19	107.37
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0021	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	757.97	117.74
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0022	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,241.81	87.89
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0023	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,260.76	97.38
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0024	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,280.69	107.37
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0025	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,301.47	117.74
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0026	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	382.31	87.89
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0027	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	401.26	97.38
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0028	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	421.19	107.37
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0029	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	279.31	87.89
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0030	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	298.26	97.38
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0031	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	318.19	107.37
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0032	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	367.31	87.89
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0033	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	386.26	97.38
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0034	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	406.19	107.37
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0035	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	908.81	87.89
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*205.00*	
22 14 26 16-0036	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	927.76	97.38
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*205.00*	
22 14 26 16-0037	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	947.69	107.37
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*205.00*	
22 14 26 16-0038	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	633.31	87.89
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*205.00*	
22 14 26 16-0039	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	652.26	97.38
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*205.00*	
22 14 26 16-0040	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	672.19	107.37
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*205.00*	
22 14 26 16-0041	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	860.81	87.89
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*205.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0042	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	879.76	97.38
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*205.00*	
22 14 26 16-0043	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	899.69	107.37
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*205.00*	

22 14 26 19 Facility Trench Drains *(22 14 26)*

22 14 26 19-0001 Trench Drain *(22 14 26 19)*

Note: Each section is 39.4" in length.

22 14 26 19-0002	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	587.06	87.89
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0003	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	606.01	97.38
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0004	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	625.94	107.37
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0005	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	374.67	87.89
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0006	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	393.62	97.38
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0007	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	413.55	107.37
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0008	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	558.12	87.89
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0009	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	577.07	97.38
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0010	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	597.00	107.37
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0011	EA	6" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	498.79	43.79
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0012	EA	6" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	286.40	43.79
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0013	EA	6" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	469.85	43.79
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0014	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	904.95	87.89
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0015	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	923.90	97.38
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0016	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	943.83	107.37
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0017	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	642.14	87.89
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0018	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	661.09	97.38
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0019	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	681.02	107.37
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0020	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	869.01	87.89
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0021	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	887.96	97.38
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0022	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	907.89	107.37
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0023	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	764.91	87.89
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0024	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	783.86	97.38
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0025	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	803.79	107.37
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0026	EA	12" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	816.67	43.79
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0027	EA	12" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	553.86	43.79
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0028	EA	12" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	780.73	43.79
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0029	EA	12" Wide Trench Drain x 15" Extension Section, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	676.63	43.79
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	

22 14 29 Sump Pumps *(22 14)*

See CSI section 22 11 16 00-0000 for pipe extensions into well.

22 14 29 13 Wet-Pit-Mounted, Vertical Sump Pumps *(22 14 29)*

22 14 29 13-0001 Vertical Mounted Sump Pumps *(22 14 29 13)*

Note: Mounted on steel support plate and supplied with cast iron strainer, 1750 RPM drip-proof motor, 5' column sections.

22 14 29 13-0002	EA	1 HP Vertical Mounted Cast Iron Sump Pump, 1-1/2" Discharge, Single Stage, 25 GPM 40' Head	3,155.14	275.71
22 14 29 13-0003	EA	1-1/2 HP Vertical Mounted Cast Iron Sump Pump, 2" Discharge, Single Stage, 75 GPM 40' Head	3,395.10	333.71
22 14 29 13-0004	EA	2 HP Vertical Mounted Cast Iron Sump Pump, 2-1/2" Discharge, Single Stage, 100 GPM 40' Head	3,901.21	396.45
22 14 29 13-0005	EA	3 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 150 GPM 40' Head	4,252.28	487.72
22 14 29 13-0006	EA	5 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 200 GPM 40' Head	4,511.71	528.61
22 14 29 13-0007	EA	10 HP Vertical Mounted Cast Iron Sump Pump, 4" Discharge, Single Stage, 300 GPM 70' Head	5,360.82	634.13
22 14 29 13-0008	EA	15 HP Vertical Mounted Cast Iron Sump Pump, 5" Discharge, Single Stage, 500 GPM 70' Head	6,051.11	624.40
22 14 29 13-0009	EA	20 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 800 GPM 70' Head	7,348.90	746.46
22 14 29 13-0010	EA	30 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 1000 GPM 70' Head	8,025.24	870.56
22 14 29 13-0011	EA	50 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 1600 GPM 70' Head	10,602.51	1,045.05
22 14 29 13-0012	EA	60 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 2000 GPM 70' Head	14,286.09	1,160.75

22 14 29 13-0013 Extra Column Assemblies *(22 14 29 13)*

22 14 29 13-0014	EA	1-1/2" Diameter x 5' Long Extra Column Assembly	1,200.19	
22 14 29 13-0015	EA	2" Diameter x 5' Long Extra Column Assembly	1,313.28	
22 14 29 13-0016	EA	2-1/2" Diameter x 5' Long Extra Column Assembly	519.49	
22 14 29 13-0017	EA	3" Diameter x 5' Long Extra Column Assembly	1,725.45	
22 14 29 13-0018	EA	4" Diameter x 5' Long Extra Column Assembly	1,928.59	
22 14 29 13-0019	EA	5" Diameter x 5' Long Extra Column Assembly	709.88	
22 14 29 13-0020	EA	6" Diameter x 5' Long Extra Column Assembly	2,204.46	
22 14 29 13-0021	EA	8" Diameter x 5' Long Extra Column Assembly	2,412.20	

22 14 29 13-0022 Float Switch *(22 14 29 13)*

22 14 29 13-0023	EA	For Float Switch Copper Coated Float, General Purpose	1,337.20	22.99
22 14 29 13-0024	EA	For Float Switch Copper Coated Float, Weathertight	1,402.41	22.99
22 14 29 13-0025	EA	For Float Switch Copper Coated Float, Explosion Proof	1,432.50	22.99

22 14 29 13-0026 Support Plate *(22 14 29 13)*

22 14 29 13-0027	EA	24" Steel Support Plate, Round Or Square	422.30	29.20
22 14 29 13-0028	EA	30" Steel Support Plate, Round Or Square	467.64	32.84
22 14 29 13-0029	EA	36" Steel Support Plate, Round Or Square	648.09	43.79
22 14 29 13-0030	EA	40" Steel Support Plate, Round Or Square	934.84	51.10
22 14 29 13-0031	EA	42" Steel Support Plate, Round Or Square	1,001.30	52.92
22 14 29 13-0032	EA	48" Steel Support Plate, Round Or Square	1,069.87	54.75
22 14 29 13-0033	EA	54" Steel Support Plate, Round Or Square	1,361.12	65.70
22 14 29 13-0034	EA	60" Steel Support Plate, Round Or Square	1,836.38	73.00
22 14 29 13-0035	EA	72" Steel Support Plate, Round Or Square	2,449.55	91.25
22 14 29 13-0036	EA	84" Steel Support Plate, Round Or Square	2,953.05	100.37

22 14 29 16 Submersible Sump Pumps *(22 14 29)*

Note: Includes 25' of cord with pumps unless otherwise noted.

22 14 29 16-0001 Submersible Sump Pump With Vortex Impeller *(22 14 29 16)*

22 14 29 16-0002 Submersible Sump Pump With Cast Iron Vortex Impeller *(22 14 29 16-0001)*

22 14 29 16-0003	EA	1/3 HP Manual Submersible Sump Pump, 115V Or 230V 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	272.22	47.58
22 14 29 16-0004	EA	1/3 HP Automatic Submersible Sump Pump, 115V Or 230V 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	301.11	47.58
22 14 29 16-0005	EA	1/2 HP Manual Submersible Sump Pump, 115V Or 230V 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	435.94	50.35
22 14 29 16-0006	EA	1/2 HP Automatic Submersible Sump Pump, 115V Or 230V 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	469.68	50.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 16-0007		Submersible Sump Pump With Bronze Vortex Impeller *(22 14 29 16-0001)*		
22 14 29 16-0008	EA	1/2 HP Manual Submersible Sump Pump, 115V Or 230V 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	689.81	50.35
22 14 29 16-0009	EA	1/2 HP Automatic Submersible Sump Pump, 115V Or 230V 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	748.00	50.35
22 14 29 16-0010	EA	1 HP Manual Submersible Sump Pump, 230V 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	786.65	55.50
22 14 29 16-0011	EA	1 HP Automatic Submersible Sump Pump, 230V 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	846.87	55.50
22 14 29 16-0012	EA	1-1/2 HP Manual Submersible Sump Pump, 230V 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	886.12	63.44
22 14 29 16-0013	EA	1-1/2 HP Automatic Submersible Sump Pump, 230V 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	946.35	63.44
22 14 29 16-0014	EA	2 HP Manual Submersible Sump Pump, 230V 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	957.72	75.33
22 14 29 16-0015	EA	2 HP Automatic Submersible Sump Pump, 230V 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,007.36	75.33
22 14 29 16-0016		Submersible Sump Pump With Semi-Open Impeller *(22 14 29 16)*		
22 14 29 16-0017	EA	1/3 HP Manual Submersible Sump Pump, 115V Or 230V 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller	675.11	47.58
22 14 29 16-0018	EA	1/2 HP Manual Submersible Sump Pump, 115V Or 230V 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller	771.19	50.35
22 14 29 16-0019	EA	3/4 HP Manual Submersible Sump Pump, 230V 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller	918.15	53.13
22 14 29 16-0020	EA	1 HP Manual Submersible Sump Pump, 230V 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller	970.16	55.50
22 14 29 16-0021	EA	1-1/2 HP Manual Submersible Sump Pump, 230V 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller	1,106.70	63.44
22 14 29 16-0022	EA	2 HP Manual Submersible Sump Pump, 230V 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller	1,289.32	75.33
22 14 29 19		**Sump-Pump Basins and Pits** *(22 14 29)*		
		See CSI section 22 13 29 33-0000 for basins and pits.		
22 15		General Service Compressed-Air Systems *(22 10)*		
22 15 13		**General Service Compressed-Air Piping** *(22 15)*		
22 15 13 00-0001		Quick Disconnect, Air-Service *(22 15 13)*		
22 15 13 00-0002		Combination Steel And Brass *(22 15 13 00-0001)*		
22 15 13 00-0003	EA	1/2" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket	34.40	11.10
22 15 13 00-0004	EA	3/4" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket	37.89	13.48
22 15 13 00-0005		Refrigerated Air Dryers With Ambient Air Filters *(22 15 13)*		
22 15 13 00-0006	EA	3 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	506.57	78.27
22 15 13 00-0007	EA	5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	570.88	80.44
22 15 13 00-0008	EA	7.5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	715.15	82.62
22 15 13 00-0009	EA	10 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	826.93	86.96
22 15 13 00-0010	EA	15 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	920.61	97.84
22 15 13 00-0011	EA	20 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,023.36	111.31
22 15 13 00-0012	EA	30 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,440.61	141.32
22 15 13 00-0013	EA	40 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,624.20	165.23
22 15 13 00-0014	EA	50 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,763.78	176.54
22 15 13 00-0015	EA	60 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,919.34	195.67
22 15 13 00-0016	EA	75 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,159.82	217.41
22 15 13 00-0017	EA	85 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,402.31	239.15
22 15 13 00-0018	EA	100 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,536.55	265.24
22 15 13 00-0019	EA	125 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,942.27	282.63
22 15 13 00-0020	EA	175 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	3,516.01	293.50
22 15 13 00-0021	EA	200 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,126.75	304.38
22 15 13 00-0022	EA	250 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,572.10	315.24
22 15 13 00-0023	EA	300 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,968.23	326.12
22 15 13 00-0024	EA	400 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,542.72	347.86
22 15 13 00-0025	EA	500 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	6,494.65	434.82
22 15 13 00-0026	EA	600 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	8,196.58	521.78
22 15 13 00-0027	EA	800 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	9,148.51	608.75
22 15 13 00-0028	EA	1000 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	10,751.43	695.72
22 15 13 00-0029		Oil And Water Separator For Air Compressor *(22 15 13)*		
22 15 13 00-0030	EA	0-60 SCFM Oil/Water Separator	521.47	33.05
22 15 13 00-0031	EA	85 SCFM Oil/Water Separator	599.47	38.73
22 15 13 00-0032	EA	190 SCFM Oil/Water Separator	699.79	43.90
22 15 13 00-0033	EA	245 SCFM Oil/Water Separator	876.28	51.64
22 15 13 00-0034	EA	320 SCFM Oil/Water Separator	1,041.94	61.97
22 15 13 00-0035	EA	700 SCFM Oil/Water Separator	2,103.20	129.11
22 15 13 00-0036		Heavy Duty Industrial Pressure Regulator *(22 15 13)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0037	EA	3/8" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	89.18	26.09
22 15 13 00-0038	EA	1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	123.57	34.78
22 15 13 00-0039	EA	3/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	201.76	43.49
22 15 13 00-0040	EA	1" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	259.25	65.23
22 15 13 00-0041	EA	1-1/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	353.53	76.09
22 15 13 00-0042	EA	1-1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	375.27	86.96
22 15 13 00-0043		Combination Air System; Filter Regulator Lubricator *(22 15 13)*		
22 15 13 00-0044	EA	3/8" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter	326.53	78.27
22 15 13 00-0045	EA	1/2" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter	408.71	104.35
22 15 13 00-0046		Heatless Desiccant Air Dryers *(22 15 13)*		
22 15 13 00-0047	EA	5 SCFM Heatless Desiccant Air Dryer	1,699.24	78.27
22 15 13 00-0048	EA	10 SCFM Heatless Desiccant Air Dryer	2,038.93	86.96
22 15 13 00-0049	EA	15 SCFM Heatless Desiccant Air Dryer	2,063.32	95.66
22 15 13 00-0050	EA	20 SCFM Heatless Desiccant Air Dryer	2,356.46	108.70
22 15 13 00-0051	EA	30 SCFM Heatless Desiccant Air Dryer	3,234.89	130.45
22 15 13 00-0052	EA	50 SCFM Heatless Desiccant Air Dryer	3,220.86	173.93
22 15 13 00-0053	EA	85 SCFM Heatless Desiccant Air Dryer	4,316.82	217.41
22 15 13 00-0054	EA	100 SCFM Heatless Desiccant Air Dryer	4,598.58	260.89
22 15 13 00-0055	EA	125 SCFM Heatless Desiccant Air Dryer	5,267.95	304.38
22 15 13 00-0056	EA	175 SCFM Heatless Desiccant Air Dryer	6,048.22	347.86
22 15 13 00-0057	EA	200 SCFM Heatless Desiccant Air Dryer	6,509.69	391.34
22 15 13 00-0058	EA	300 SCFM Heatless Desiccant Air Dryer	7,934.65	434.82
22 15 13 00-0059	EA	400 SCFM Heatless Desiccant Air Dryer	8,836.58	521.78
22 15 13 00-0060	EA	500 SCFM Heatless Desiccant Air Dryer	10,216.51	608.75
22 15 13 00-0061	EA	600 SCFM Heatless Desiccant Air Dryer	11,784.43	695.72
22 15 13 00-0062		Air Cooled Aftercoolers *(22 15 13)*		
22 15 13 00-0063	EA	20 SCFM Air-Cooled Aftercooler	448.73	54.35
22 15 13 00-0064	EA	35 SCFM Air-Cooled Aftercooler	601.45	65.23
22 15 13 00-0065	EA	43 SCFM Air-Cooled Aftercooler	663.19	76.09
22 15 13 00-0066	EA	70 SCFM Air-Cooled Aftercooler	806.93	86.96
22 15 13 00-0067	EA	125 SCFM Air-Cooled Aftercooler	1,110.66	97.84
22 15 13 00-0068	EA	185 SCFM Air-Cooled Aftercooler	1,246.41	108.70
22 15 13 00-0069	EA	260 SCFM Air-Cooled Aftercooler	2,367.29	130.45
22 15 13 00-0070	EA	365 SCFM Air-Cooled Aftercooler	2,483.98	152.19
22 15 13 00-0071	EA	560 SCFM Air-Cooled Aftercooler	2,599.86	173.93
22 15 13 00-0072	EA	650 SCFM Air-Cooled Aftercooler	3,044.14	195.67
22 15 13 00-0073	EA	750 SCFM Air-Cooled Aftercooler	3,330.02	217.41
22 15 13 00-0074	EA	900 SCFM Air-Cooled Aftercooler	3,812.71	239.15
22 15 13 00-0075	EA	1100 SCFM Air-Cooled Aftercooler	4,868.18	260.89
22 15 13 00-0076	EA	1460 SCFM Air-Cooled Aftercooler	5,559.27	282.63
22 15 13 00-0077	EA	1800 SCFM Air-Cooled Aftercooler	5,747.75	304.38
22 15 13 00-0078	EA	2500 SCFM Air-Cooled Aftercooler	6,163.23	326.12
22 15 13 00-0079		Compressed Air Coalescing Filters *(22 15 13)*		
22 15 13 00-0080		1.0 Micron Filter Rated Compressed Air Coalescing Filters *(22 15 13 00-0079)*		
22 15 13 00-0081	EA	10 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	167.13	33.57
22 15 13 00-0082	EA	20 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	195.13	33.57
22 15 13 00-0083	EA	50 SCFM, 1/2", Coalescing Filter, 1.0 Micron Filter Rating	214.46	38.73
22 15 13 00-0084	EA	75 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	246.82	44.41
22 15 13 00-0085	EA	100 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	286.11	49.06
22 15 13 00-0086	EA	140 SCFM, 1", Coalescing Filter, 1.0 Micron Filter Rating	326.77	59.38
22 15 13 00-0087	EA	175 SCFM, 1-1/4" Coalescing Filter, 1.0 Micron Filter Rating	462.83	64.55
22 15 13 00-0088	EA	250 SCFM, 1-1/2" Coalescing Filter, 1.0 Micron Filter Rating	426.92	77.47
22 15 13 00-0089	EA	280 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	550.56	103.28
22 15 13 00-0090	EA	350 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	628.39	116.19
22 15 13 00-0091		0.01 Micron Filter Rated Compressed Air Coalescing Filters *(22 15 13 00-0079)*		
22 15 13 00-0092	EA	16 SCFM, 3/8" Coalescing Filter, 0.01 Micron Filter Rating	199.14	33.57
22 15 13 00-0093	EA	30 SCFM, 1/2" Coalescing Filter, 0.01 Micron Filter Rating	217.45	38.73
22 15 13 00-0094	EA	60 SCFM, 3/4" Coalescing Filter, 0.01 Micron Filter Rating	249.62	44.41
22 15 13 00-0095	EA	100 SCFM, 1" Coalescing Filter, 0.01 Micron Filter Rating	291.72	43.90
22 15 13 00-0096	EA	140 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	333.17	59.38
22 15 13 00-0097	EA	180 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	376.11	64.55
22 15 13 00-0098	EA	250 SCFM, 1-1/2" Coalescing Filter, 0.01 Micron Filter Rating	434.12	77.47
22 15 13 00-0099	EA	280 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	562.56	103.28
22 15 13 00-0100	EA	350 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	644.39	116.19
22 15 13 00-0101		Compressed Air Storage Tanks *(22 15 13)*		
22 15 13 00-0102		Horizontal Compressed Air Storage Tanks *(22 15 13 00-0101)*		
22 15 13 00-0103	EA	12 Gallon Horizontal Compressed Air Storage Tank, ASME	279.15	69.57
22 15 13 00-0104	EA	15 Gallon Horizontal Compressed Air Storage Tank, ASME	397.98	76.09
22 15 13 00-0105	EA	20 Gallon Horizontal Compressed Air Storage Tank, ASME	421.16	80.01
22 15 13 00-0106	EA	30 Gallon Horizontal Compressed Air Storage Tank, ASME	476.71	86.96
22 15 13 00-0107	EA	60 Gallon Horizontal Compressed Air Storage Tank, ASME	625.47	117.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0108	EA	80 Gallon Horizontal Compressed Air Storage Tank, ASME	745.86	130.45
22 15 13 00-0109	EA	120 Gallon Horizontal Compressed Air Storage Tank, ASME	1,083.39	152.19
22 15 13 00-0110	EA	200 Gallon Horizontal Compressed Air Storage Tank, ASME	1,572.36	173.93
22 15 13 00-0111	EA	240 Gallon Horizontal Compressed Air Storage Tank, ASME	1,745.59	184.80
22 15 13 00-0112	EA	325 Gallon Horizontal Compressed Air Storage Tank, ASME	2,465.20	195.67
22 15 13 00-0113	EA	400 Gallon Horizontal Compressed Air Storage Tank, ASME	3,223.86	228.28
22 15 13 00-0114	EA	660 Gallon Horizontal Compressed Air Storage Tank, ASME	4,591.42	271.77

22 15 13 00-0115 Vertical Compressed Air Storage Tanks *(22 15 13 00-0101)*

22 15 13 00-0116	EA	10 Gallon Vertical Compressed Air Storage Tank, ASME	369.58	69.57
22 15 13 00-0117	EA	15 Gallon Vertical Compressed Air Storage Tank, ASME	390.30	76.09
22 15 13 00-0118	EA	20 Gallon Vertical Compressed Air Storage Tank, ASME	421.16	80.01
22 15 13 00-0119	EA	30 Gallon Vertical Compressed Air Storage Tank, ASME	491.92	86.96
22 15 13 00-0120	EA	60 Gallon Vertical Compressed Air Storage Tank, ASME	671.09	117.40
22 15 13 00-0121	EA	80 Gallon Vertical Compressed Air Storage Tank, ASME	767.84	130.45
22 15 13 00-0122	EA	120 Gallon Vertical Compressed Air Storage Tank, ASME	1,035.61	152.19
22 15 13 00-0123	EA	200 Gallon Vertical Compressed Air Storage Tank, ASME	1,473.89	173.93
22 15 13 00-0124	EA	240 Gallon Vertical Compressed Air Storage Tank, ASME	1,620.07	184.80
22 15 13 00-0125	EA	325 Gallon Vertical Compressed Air Storage Tank, ASME	2,157.97	195.67
22 15 13 00-0126	EA	400 Gallon Vertical Compressed Air Storage Tank, ASME	2,747.04	228.28
22 15 13 00-0127	EA	500 Gallon Vertical Compressed Air Storage Tank, ASME	3,543.26	250.03
22 15 13 00-0128	EA	660 Gallon Vertical Compressed Air Storage Tank, ASME	5,780.67	282.63

22 15 19 General Service Packaged Air Compressors And Receivers *(22 15)*

Note: Includes V-belt drive, receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.

22 15 19 13 General Service Packaged Reciprocating Air Compressors *(22 15 19)*

22 15 19 13-0001 Single Stage Compressor *(22 15 19 13)*

Note: Includes receiver, reciprocating air cooled, 140 PSIG working pressure, splash lubricated, tank mounted.

22 15 19 13-0002	EA	1/2 HP 1-Stage Air Compressor, 1.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	1,376.65	308.55
22 15 19 13-0003	EA	3/4 HP 1-Stage Air Compressor, 2.0 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	1,465.99	356.12
22 15 19 13-0004	EA	1 HP 1-Stage Air Compressor, 2.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	1,684.44	420.56
22 15 19 13-0005	EA	2 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	1,906.72	464.04
22 15 19 13-0006	EA	3 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	2,268.85	490.13
22 15 19 13-0007	EA	3 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	2,410.94	507.52
22 15 19 13-0008	EA	5 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	2,715.65	580.05
22 15 19 13-0009	EA	5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	2,906.79	614.84
22 15 19 13-0010	EA	7.5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	3,453.46	696.07

22 15 19 13-0011 Two Stage Compressor *(22 15 19 13)*

Note: With receiver, reciprocating air cooled, discharge pressure 80-200 PSIG, receiver capacity as noted, splash lubricated, tank mounted.

22 15 19 13-0012	EA	1-1/2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 5.0 ACFM, 80-200 PSIG Discharge Pressure	2,593.19	542.31
22 15 19 13-0013	EA	2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 7.0 ACFM, 80-200 PSIG Discharge Pressure	2,829.56	638.06
22 15 19 13-0014	EA	3 HP 2-Stage Air Compressor, 60 Gallon Receiver, 12 ACFM, 80-200 PSIG Discharge Pressure	2,981.46	696.07
22 15 19 13-0015	EA	5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 15 ACFM, 80-200 PSIG Discharge Pressure	3,513.75	928.09
22 15 19 13-0016	EA	5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 16.5 ACFM, 80-200 PSI Max Discharge Pressure	3,728.75	928.09
22 15 19 13-0017	EA	7.5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 19.8 ACFM, 80-200 PSIG Discharge Pressure	4,137.29	1,160.11
22 15 19 13-0018	EA	7.5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 25.6 ACFM, 80-200 PSI Max Discharge Pressure	4,332.29	1,160.11
22 15 19 13-0019	EA	10 HP 2-Stage Air Compressor, 80 Gallon Receiver, 35.0 ACFM, 80-200 PSI Max Discharge Pressure	5,524.12	1,434.92
22 15 19 13-0020	EA	10 HP 2-Stage Air Compressor, 120 Gallon Receiver, 38 ACFM, 80-200 PSIG Discharge Pressure	5,973.61	1,478.40
22 15 19 13-0021	EA	15 HP 2-Stage Air Compressor, 120 Gallon Receiver, 50 ACFM, 80-200 PSIG Discharge Pressure	6,441.44	1,727.81
22 15 19 13-0022	EA	20 HP 2-Stage Air Compressor, 120 Gallon Receiver, 70 ACFM, 80-200 PSIG Discharge Pressure	9,179.33	1,955.83
22 15 19 13-0023	EA	25 HP 2-Stage Air Compressor, 120 Gallon Receiver, 84.4 ACFM, 175 PSI Max Discharge Pressure	9,950.20	2,210.03
22 15 19 13-0024	EA	30 HP 2-Stage Air Compressor, 120 Gallon Receiver, 97.2 ACFM, 175 PSI Max Discharge Pressure	11,072.13	2,442.57
22 15 19 13-0025	EA	30 HP 2-Stage Air Compressor, 250 Gallon Receiver, 101 ACFM, 175 PSI Max Discharge Pressure	12,061.29	2,676.95

22 15 19 19 General Service Packaged Rotary-Screw Air Compressors *(22 15 19)*

22 15 19 19-0001 Rotary Screw Air Compressor, Base Mounted Without Receiver *(22 15 19 19)*

Note: Oil flooded.

22 15 19 19-0002	EA	3 HP, 8.5 SCFM Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	4,377.37	824.18
22 15 19 19-0003	EA	5 HP, 16.6 SCFM Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	5,035.49	1,098.91
22 15 19 19-0004	EA	7.5 HP, 27 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	6,426.61	1,377.77
22 15 19 19-0005	EA	10 HP, 37 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	7,599.30	1,755.77
22 15 19 19-0006	EA	15 HP, 56 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	8,709.40	2,065.61
22 15 19 19-0007	EA	20 HP, 79 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	10,429.52	2,323.83
22 15 19 19-0008	EA	25 HP, 114 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	11,472.65	2,582.03
22 15 19 19-0009	EA	30 HP, 137 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	13,584.79	2,891.87
22 15 19 19-0010	EA	40 HP, 183 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	14,865.60	3,098.43
22 15 19 19-0011	EA	50 HP, 214 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	16,571.17	3,339.07
22 15 19 19-0012	EA	60 HP, 256 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	20,909.72	3,614.84
22 15 19 19-0013	EA	75 HP, 320 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	23,045.52	3,821.40
22 15 19 19-0014	EA	100 HP, 494 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	35,364.95	4,131.24
22 15 19 19-0015	EA	125 HP, 592 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	43,555.19	4,466.91
22 15 19 19-0016	EA	150 HP, 695 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	50,278.72	4,807.73
22 15 19 19-0017	EA	220 HP, 996 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	64,496.31	5,164.05

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 19 19-0018	EA	250 HP, 1000 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	72,978.48	5,494.54

22 30 Plumbing Equipment *(22)*

22 31 Domestic Water Softeners *(22 30)*

22 31 16 Commercial Domestic Water Softeners *(22 31)*

22 31 16 00-0001 Water Softeners *(22 31 16)*

Note: Excludes interconnecting piping for multi softener systems.

22 31 16 00-0002	EA	60,000 Grain 1-1/2" Pipe Connection Time Clock Operated FRP Water Softener Note: 12" diameter x 52" high. Excludes brine tank. Culligan HC-60-1.5 Hi-Flo 3.	1,787.01	218.99
22 31 16 00-0003	EA	90,000 Grain 1-1/2" Pipe Connection Time Clock Operated FRP Water Softener Note: 14" diameter x 65" high. Excludes brine tank. Culligan HC-90-1.5 Hi-Flo 3.	1,844.88	228.11
22 31 16 00-0004	EA	120,000 Grain 1-1/2" Pipe Connection Time Clock Operated FRP Water Softener Note: 16" diameter x 65" high. Excludes brine tank. Culligan HC-120-1.5 Hi-Flo 3.	2,002.92	237.24
22 31 16 00-0005	EA	120,000 Grain 2" Pipe Connection Time Clock Operated FRP Water Softener Note: 16" diameter x 65" high. Excludes brine tank. Culligan HC-120-2 Hi-Flo 3.	2,078.64	237.24
22 31 16 00-0006	EA	150,000 Grain 1-1/2" Pipe Connection Time Clock Operated FRP Water Softener Note: 21" diameter x 54" high. Excludes brine tank. Culligan HC-150-1.5 Hi-Flo 3.	2,223.87	246.36
22 31 16 00-0007	EA	150,000 Grain 2" Pipe Connection Time Clock Operated FRP Water Softener Note: 21" diameter x 54" high. Excludes brine tank. Culligan HC-150-2 Hi-Flo 3.	2,530.26	246.36
22 31 16 00-0008	EA	210,000 Grain 2" Pipe Connection Time Clock Operated FRP Water Softener Note: 21" diameter x 69" high. Excludes brine tank. Culligan HC-210-2 Hi-Flo 3.	2,743.06	255.48
22 31 16 00-0009	EA	300,000 Grain 2" Pipe Connection Time Clock Operated FRP Water Softener Note: 24" diameter x 72" high. Excludes brine tank. Culligan HC-300-2 Hi-Flo 3.	3,131.77	264.61
22 31 16 00-0010	EA	450,000 Grain 2" Pipe Connection Time Clock Operated FRP Water Softener Note: 30" diameter x 72" high. Excludes brine tank. Culligan HC-450-2 Hi-Flo 3.	5,260.96	273.74
22 31 16 00-0011	EA	120,000 Grain 2" Pipe Connection 24V Controller FRP Water Softener Note: 16" diameter x 65" high. Excludes brine tank. Culligan HCE-120-2 Hi-Flo 3.	2,587.73	237.24
22 31 16 00-0012	EA	150,000 Grain 2" Pipe Connection 24V Controller FRP Water Softener Note: 21" diameter x 54" high. Excludes brine tank. Culligan HCE-150-2 Hi-Flo 3.	3,166.34	246.36
22 31 16 00-0013	EA	210,000 Grain 2" Pipe Connection 24V Controller FRP Water Softener Note: 21" diameter x 69" high. Excludes brine tank. Culligan HCE-210-2 Hi-Flo 3.	3,461.85	255.48
22 31 16 00-0014	EA	300,000 Grain 2" Pipe Connection 24V Controller FRP Water Softener Note: 24" diameter x 72" high. Excludes brine tank. Culligan HCE-300-2 Hi-Flo 3.	3,923.96	264.61
22 31 16 00-0015	EA	450,000 Grain 2" Pipe Connection 24V Controller FRP Water Softener Note: 30" diameter x 72" high. Excludes brine tank. Culligan HCE-450-2 Hi-Flo 3.	5,851.60	273.74
22 31 16 00-0016	EA	60,000 Grain 1-1/2" Pipe Connection 24V Controller FRP Water Softener Note: 14" diameter x 47" high. Excludes brine tank. Culligan WS-060 Hi-Flo 22.	2,236.69	218.99
22 31 16 00-0017	EA	90,000 Grain 1-1/2" Pipe Connection 24V Controller FRP Water Softener Note: 16" diameter x 53" high. Excludes brine tank. Culligan WS-090 Hi-Flo 22.	2,383.10	228.11
22 31 16 00-0018	EA	120,000 Grain 1-1/2" Pipe Connection 24V Controller FRP Water Softener Note: 16" diameter x 65" high. Excludes brine tank. Culligan WS-120 Hi-Flo 22.	2,593.56	237.24
22 31 16 00-0019	EA	150,000 Grain 1-1/2" Pipe Connection 24V Controller FRP Water Softener Note: 21" diameter x 54" high. Excludes brine tank. Culligan WS-150 Hi-Flo 22.	3,281.67	246.36
22 31 16 00-0020	EA	210,000 Grain 1-1/2" Pipe Connection 24V Controller FRP Water Softener Note: 21" diameter x 69" high. Excludes brine tank. Culligan WS-210 Hi-Flo 22.	3,489.81	255.48
22 31 16 00-0021	EA	150,000 Grain 2" Pipe Connection 24V Controller Steel Water Softener Note: 20" diameter x 54" high. Excludes brine tank. Culligan 150-2 CSM.	4,663.17	345.31
22 31 16 00-0022	EA	210,000 Grain 2" Pipe Connection 24V Controller Steel Water Softener Note: 24" diameter x 54" high. Excludes brine tank. Culligan 210-2 CSM.	5,303.84	364.49
22 31 16 00-0023	EA	300,000 Grain 2" Pipe Connection 24V Controller Steel Water Softener Note: 30" diameter x 60" high. Excludes brine tank. Culligan 300-2 CSM.	6,295.16	383.68
22 31 16 00-0024	EA	300,000 Grain 3" Pipe Connection 24V Controller Steel Water Softener Note: 30" diameter x 60" high. Excludes brine tank. Culligan 300-3 CSM.	7,481.10	383.68
22 31 16 00-0025	EA	450,000 Grain 2" Pipe Connection 24V Controller Steel Water Softener Note: 30" diameter x 60" high. Excludes brine tank. Culligan 450-2 CSM.	6,867.16	383.68
22 31 16 00-0026	EA	450,000 Grain 3" Pipe Connection 24V Controller Steel Water Softener Note: 30" diameter x 60" high. Excludes brine tank. Culligan 450-3 CSM.	8,380.46	383.68
22 31 16 00-0027	EA	600,000 Grain 2" Pipe Connection 24V Controller Steel Water Softener Note: 36" diameter x 60" high. Excludes brine tank. Culligan 600-2 CSM.	8,718.23	402.85
22 31 16 00-0028	EA	600,000 Grain 3" Pipe Connection 24V Controller Steel Water Softener Note: 36" diameter x 60" high. Excludes brine tank. Culligan 600-3 CSM.	9,670.01	402.85
22 31 16 00-0029	EA	750,000 Grain 2" Pipe Connection 24V Controller Steel Water Softener Note: 42" diameter x 60" high. Excludes brine tank. Culligan 750-2 CSM.	10,293.19	422.04
22 31 16 00-0030	EA	750,000 Grain 3" Pipe Connection 24V Controller Steel Water Softener Note: 42" diameter x 60" high. Excludes brine tank. Culligan 750-3 CSM.	11,241.48	422.04
22 31 16 00-0031	EA	900,000 Grain 2" Pipe Connection 24V Controller Steel Water Softener Note: 42" diameter x 60" high. Excludes brine tank. Culligan 900-2 CSM.	10,756.85	422.04
22 31 16 00-0032	EA	900,000 Grain 3" Pipe Connection 24V Controller Steel Water Softener Note: 42" diameter x 60" high. Excludes brine tank. Culligan 900-3 CSM.	11,793.68	422.04
22 31 16 00-0033	EA	1,200,000 Grain 3" Pipe Connection 24V Controller Steel Water Softener Note: 48" diameter x 60" high. Excludes brine tank. Culligan HS-1203 Hi-Flo 50.	19,768.95	460.40
22 31 16 00-0034	EA	1,500,000 Grain 3" Pipe Connection 24V Controller Steel Water Softener Note: 54" diameter x 60" high. Excludes brine tank. Culligan HS-1503 Hi-Flo 50.	23,220.61	498.78
22 31 16 00-0035	EA	1,500,000 Grain 4" Pipe Connection 24V Controller Steel Water Softener Note: 54" diameter x 60" high. Excludes brine tank. Culligan HS-1504 Hi-Flo 50.	25,517.94	498.78
22 31 16 00-0036	EA	2,000,000 Grain 4" Pipe Connection 24V Controller Steel Water Softener Note: 60" diameter x 60" high. Excludes brine tank. Culligan HS-2004 Hi-Flo 50.	26,650.15	537.14

22 31 16 00-0037 Water Softener Brine Tanks And Accessories *(22 31 16)*

22 31 16 00-0038	EA	18" Diameter x 38" High 375 LB Capacity Plastic Brine Tank	596.41	218.99
22 31 16 00-0039	EA	24" Diameter x 50" High 900 LB Capacity Plastic Brine Tank	989.39	237.24
22 31 16 00-0040	EA	39" Diameter x 48" High 2200 LB Capacity Plastic Brine Tank	1,204.41	255.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0041	EA	1" Brine Reclaim Kit With Multi Port Valve Note: Includes controller and valves. Can provide reclaim for 1 softener.	1,547.47	218.99
22 31 16 00-0042	EA	>1" To 2" Brine Reclaim Kit With Multi Port Valve Note: Includes controller and valves. Can provide reclaim for up to 3 softeners.	2,693.47	237.24
22 31 16 00-0043	EA	>2" To 4" Brine Reclaim Kit With Multi Port Valve Note: Includes controller and valves. Can provide reclaim for up to 3 softeners.	3,839.47	255.48
22 31 16 00-0044	EA	1-1/2" Water Softener Duplex Configuration Kit Note: Includes all cabling, valves and fittings required to gang two water softeners.	1,547.47	218.99
22 31 16 00-0045	EA	2" Water Softener Duplex Configuration Kit Note: Includes all cabling, valves and fittings required to gang two water softeners.	2,089.90	237.24
22 31 16 00-0046	EA	3" Water Softener Duplex Configuration Kit Note: Includes all cabling, valves and fittings required to gang two water softeners.	2,632.33	255.48
22 31 16 00-0047	EA	4" Water Softener Duplex Configuration Kit Note: Includes all cabling, valves and fittings required to gang two water softeners.	3,174.77	273.74
22 31 16 00-0048	EA	1-1/2" Water Softener Triplex Configuration Kit Note: Includes all cabling, valves and fittings required to gang three water softeners.	3,430.71	328.48
22 31 16 00-0049	EA	2" Water Softener Triplex Configuration Kit Note: Includes all cabling, valves and fittings required to gang three water softeners.	3,725.60	364.98
22 31 16 00-0050	EA	3" Water Softener Triplex Configuration Kit Note: Includes all cabling, valves and fittings required to gang three water softeners.	4,131.45	401.47
22 31 16 00-0051	EA	4" Water Softener Triplex Configuration Kit Note: Includes all cabling, valves and fittings required to gang three water softeners.	4,648.25	437.97
22 31 16 00-0052	EA	1-1/2" Water Softener Quadplex Configuration Kit Note: Includes all cabling, valves and fittings required to gang four water softeners.	5,165.04	474.47
22 31 16 00-0053	EA	2" Water Softener Quadplex Configuration Kit Note: Includes all cabling, valves and fittings required to gang four water softeners.	5,459.95	510.97
22 31 16 00-0054	EA	3" Water Softener Quadplex Configuration Kit Note: Includes all cabling, valves and fittings required to gang four water softeners.	5,754.84	547.47
22 31 16 00-0055	EA	4" Water Softener Quadplex Configuration Kit Note: Includes all cabling, valves and fittings required to gang four water softeners.	6,160.69	583.96

22 32 Domestic Water Filtration Equipment *(22 30)*

22 32 16 Domestic-Water Freestanding Cartridge Filters *(22 32)*

22 32 16 00-0001 Filter, High Flow Water With Cartridges, 5 Micron, 210F *(22 32 16)*

22 32 16 00-0002	EA	Filter 24 GPM, Water, 5 Micron	1,056.07	172.17
22 32 16 00-0003	EA	Filter 48 GPM, Water, 5 Micron	1,211.26	187.67
22 32 16 00-0004	EA	Filter 72 GPM, Water, 5 Micron	1,310.15	206.25

22 33 Electric Domestic Water Heaters *(22 30)*

22 33 13 Instantaneous Electric Domestic Water Heaters *(22 33)*

22 33 13 13 Flow-Control, Instantaneous Electric Domestic Water Heaters *(22 33 13)*

22 33 13 13-0001 Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters *(22 33 13 13)*

22 33 13 13-0002	EA	3 To 10 KW Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012, EX48, EX65, EX75, EX95)	258.60	39.64
22 33 13 13-0003	EA	7.2 KW, 0.75 GPM, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch RP7P)	317.34	39.64

22 33 13 16 Thermostat-Control, Instantaneous Electric Domestic Water Heaters *(22 33 13)*

22 33 13 16-0001 Thermostat Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters *(22 33 13 16)*

Note: Temperature rise decreases with increased flow rate.

22 33 13 16-0002	EA	3 To 10 KW Thermostat-Control, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012T, EX48T, EX65T, EX75T, EX95T, EX012240T)	347.94	59.47
22 33 13 16-0003	EA	12 KW, 2.0 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE12)	416.65	79.30
22 33 13 16-0004	EA	17.25 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE115)	707.86	138.77
22 33 13 16-0005	EA	26.85 KW, 4.0 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE125)	1,048.54	158.59
22 33 13 16-0006	EA	12 KW, 1.6 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 12 Plus)	677.59	79.30
22 33 13 16-0007	EA	14.4 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 15 Plus)	932.89	118.94
22 33 13 16-0008	EA	19.2 KW, 2.8 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 20 Plus)	1,046.18	158.59
22 33 13 16-0009	EA	24 KW, 3.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 24 Plus)	1,082.18	158.59
22 33 13 16-0010	EA	28.8 KW, 4.5 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 29 Plus)	1,116.18	158.59
22 33 13 16-0011	EA	36 KW, 4.5 GPM At 55 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 36 Plus)	1,166.18	158.59

22 33 30 Residential, Electric Domestic Water Heaters *(22 33)*

22 33 30 13 Residential, Small-Capacity Electric Domestic Water Heaters *(22 33 30)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 30 13-0001		Small-Capacity, Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 13)*		
		Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 13-0002	EA	2 Gallon, Small-Capacity, Electric Domestic Water Heater	513.72	124.89
22 33 30 13-0003	EA	10 Gallon, Small-Capacity, Electric Domestic Water Heater	617.58	132.82
22 33 30 13-0004	EA	20 Gallon, Small-Capacity, Electric Domestic Water Heater	717.48	138.77
22 33 30 16		**Residential, Storage Electric Domestic Water Heaters** *(22 33 30)*		
22 33 30 16-0001		Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 16)*		
		Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0002	EA	30 Gallon, Electric Domestic Water Heater	760.50	138.77
22 33 30 16-0003	EA	40 Gallon, Electric Domestic Water Heater	723.20	142.73
22 33 30 16-0004	EA	50 Gallon, Electric Domestic Water Heater	715.73	146.69
22 33 30 16-0005	EA	55 Gallon, Electric Domestic Water Heater	789.28	148.68
22 33 30 16-0006	EA	66 Gallon, Electric Domestic Water Heater	1,106.03	152.65
22 33 30 16-0007	EA	80 Gallon, Electric Domestic Water Heater	1,128.92	158.59
22 33 30 16-0008	EA	120 Gallon, Electric Domestic Water Heater	1,474.52	168.51
22 33 30 16-0009		Low-Boy, Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 16)*		
		Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0010	EA	30 Gallon, Low-Boy, Electric Domestic Water Heater	809.88	138.77
22 33 30 16-0011	EA	40 Gallon, Low-Boy, Electric Domestic Water Heater	778.20	142.73
22 33 30 16-0012	EA	50 Gallon, Low-Boy, Electric Domestic Water Heater	821.33	146.69
22 33 30 16-0013		High Efficiency, Electric Domestic Water Heaters (A.O. Smith Conservationist) *(22 33 30 16)*		
		Note: Includes .95 energy factor glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0014	EA	40 Gallon, High Efficiency, Electric Domestic Water Heater	835.90	142.73
22 33 30 16-0015	EA	50 Gallon, High Efficiency, Electric Domestic Water Heater	907.13	146.69
22 33 30 16-0016	EA	66 Gallon, High Efficiency, Electric Domestic Water Heater	1,098.28	152.65
22 33 30 16-0017	EA	80 Gallon, High Efficiency, Electric Domestic Water Heater	1,189.37	158.59
22 33 30 16-0018		Water Heater Accessories *(22 33 30 16)*		
22 33 30 16-0019	EA	2 Gallon, Expansion Pressure Tank For Water Heaters	62.12	7.92
22 33 30 16-0020	EA	4.4 Gallon, Expansion Pressure Tank For Water Heaters	72.43	7.92
22 33 30 16-0021	EA	7.6 Gallon, Expansion Pressure Tank For Water Heaters	136.19	7.92
22 33 30 16-0022	EA	14 Gallon, Expansion Pressure Tank For Water Heaters	181.06	7.92
22 33 30 16-0023	EA	20" Diameter, 3" Deep, Aluminum Water Heater Drain Pan	39.28	5.95
22 33 30 16-0024	EA	22" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	42.58	5.95
22 33 30 16-0025	EA	24" Diameter, 3" Deep, Aluminum Water Heater Drain Pan	44.78	5.95
22 33 30 16-0026	EA	26" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	52.48	5.95
22 33 30 16-0027	EA	22" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	22.73	5.95
22 33 30 16-0028	EA	24" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	24.49	5.95
22 33 30 16-0029	EA	26" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	26.96	5.95
22 33 30 16-0030	EA	28" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	30.14	5.95
22 33 33		**Light-Commercial Electric Domestic Water Heaters** *(22 33)*		
22 33 33 00-0001		Heavy Duty Electric Commercial Water Heaters (A.O. Smith DSE) *(22 33 33)*		
		Note: Includes glass lined tank, ASME tank construction, drain valve, and temperature and pressure relief valve.		
22 33 33 00-0002	EA	3 KW, 5 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-5-3)	3,577.93	138.77
22 33 33 00-0003	EA	3 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-3)	3,712.64	138.77
22 33 33 00-0004	EA	6 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-6)	3,931.55	138.77
22 33 33 00-0005	EA	3 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-3)	3,909.44	158.59
22 33 33 00-0006	EA	6 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-6)	4,082.32	158.59
22 33 33 00-0007	EA	9 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-9)	4,432.58	158.59
22 33 33 00-0008	EA	12 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-12)	4,503.30	158.59
22 33 33 00-0009	EA	15 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-15)	4,726.70	158.59
22 33 33 00-0010	EA	18 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-18)	4,858.04	158.59
22 33 33 00-0011	EA	6 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-6)	4,251.84	158.59
22 33 33 00-0012	EA	9 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-9)	4,465.13	158.59
22 33 33 00-0013	EA	12 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-12)	4,785.07	158.59
22 33 33 00-0014	EA	15 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-15)	4,796.30	158.59
22 33 33 00-0015	EA	18 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-18)	5,018.57	158.59
22 33 33 00-0016	EA	24 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-24)	6,317.42	158.59
22 33 33 00-0017	EA	9 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-9)	4,646.59	198.24
22 33 33 00-0018	EA	12 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-12)	4,864.37	198.24
22 33 33 00-0019	EA	15 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-15)	5,060.83	198.24
22 33 33 00-0020	EA	18 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-18)	5,212.38	198.24
22 33 33 00-0021	EA	24 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-24)	6,513.47	198.24
22 33 33 00-0022	EA	30 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-30)	7,039.97	198.24
22 33 33 00-0023	EA	36 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-36)	7,586.68	198.24
22 33 33 00-0024	EA	9 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-9)	5,493.74	237.89
22 33 33 00-0025	EA	12 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-12)	5,671.11	237.89
22 33 33 00-0026	EA	15 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-15)	5,746.32	237.89
22 33 33 00-0027	EA	18 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-18)	5,813.68	237.89

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 33 00-0028	EA	24 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-24)	7,507.68	237.89
22 33 33 00-0029	EA	30 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-30)	7,929.78	237.89
22 33 33 00-0030	EA	36 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-36)	8,148.68	237.89
22 33 33 00-0031	EA	45 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-45)	9,557.55	237.89
22 33 33 00-0032	EA	54 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-54)	9,709.10	237.89
22 33 33 00-0033	EA	60 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-60)	11,588.33	237.89
22 33 33 00-0034	EA	75 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-75)	13,733.62	237.89
22 33 33 00-0035	EA	90 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-90)	16,904.96	237.89
22 33 33 00-0036	EA	9 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-9)	6,202.41	317.18
22 33 33 00-0037	EA	12 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-12)	6,353.96	317.18
22 33 33 00-0038	EA	15 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-15)	6,438.16	317.18
22 33 33 00-0039	EA	18 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-18)	6,525.72	317.18
22 33 33 00-0040	EA	24 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-24)	8,189.41	317.18
22 33 33 00-0041	EA	30 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-30)	8,599.16	317.18
22 33 33 00-0042	EA	36 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-36)	11,062.15	317.18
22 33 33 00-0043	EA	45 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-45)	10,170.80	317.18
22 33 33 00-0044	EA	54 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-54)	10,338.07	317.18
22 33 33 00-0045	EA	60 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-60)	10,889.26	317.18
22 33 33 00-0046	EA	75 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-75)	14,577.01	317.18
22 33 33 00-0047	EA	90 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-90)	17,720.29	317.18
22 33 33 00-0048	EA	12 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-12)	6,893.52	356.83
22 33 33 00-0049	EA	15 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-15)	7,000.16	356.83
22 33 33 00-0050	EA	18 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-18)	7,039.45	356.83
22 33 33 00-0051	EA	24 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-24)	8,633.55	356.83
22 33 33 00-0052	EA	30 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-30)	9,037.68	356.83
22 33 33 00-0053	EA	36 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-36)	9,267.82	356.83
22 33 33 00-0054	EA	45 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-45)	10,603.71	356.83
22 33 33 00-0055	EA	54 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-54)	10,732.81	356.83
22 33 33 00-0056	EA	60 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-60)	11,108.88	356.83
22 33 33 00-0057	EA	75 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-75)	14,757.33	356.83
22 33 33 00-0058	EA	90 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-90)	17,833.25	356.83
22 33 33 00-0059	EA	15 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-15)	7,708.11	396.48
22 33 33 00-0060	EA	18 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-18)	7,865.27	396.48
22 33 33 00-0061	EA	24 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-24)	9,088.91	396.48
22 33 33 00-0062	EA	30 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-30)	9,504.27	396.48
22 33 33 00-0063	EA	36 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-36)	9,706.34	396.48
22 33 33 00-0064	EA	45 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-45)	11,075.91	396.48
22 33 33 00-0065	EA	54 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-54)	11,221.85	396.48
22 33 33 00-0066	EA	60 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-60)	13,023.62	396.48
22 33 33 00-0067	EA	75 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-75)	15,083.59	396.48
22 33 33 00-0068	EA	90 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-90)	18,204.42	396.48
22 33 33 00-0069	EA	15 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-15)	8,557.11	475.77
22 33 33 00-0070	EA	18 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-18)	8,776.02	475.77
22 33 33 00-0071	EA	24 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-24)	9,612.35	475.77
22 33 33 00-0072	EA	30 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-30)	10,027.71	475.77
22 33 33 00-0073	EA	36 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-36)	10,246.62	475.77
22 33 33 00-0074	EA	45 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-45)	11,509.55	475.77
22 33 33 00-0075	EA	54 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-54)	11,638.65	475.77
22 33 33 00-0076	EA	60 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-60)	13,760.36	475.77
22 33 33 00-0077	EA	75 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-75)	16,426.53	475.77
22 33 33 00-0078	EA	90 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-90)	18,638.06	475.77

22 33 33 00-0079 Standard Duty Electric Commercial Water Heaters (A.O. Smith DEL And DEN) *(22 33 33)*

Note: Includes glass lined tank, drain valve, and temperature and pressure relief valve.

22 33 33 00-0080	EA	Up To 2.5 KW, 6 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-6S)	818.58	138.77
22 33 33 00-0081	EA	Up To 6 KW, 10 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-10S)	853.38	138.77
22 33 33 00-0082	EA	Up To 6 KW, 15 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-15S)	927.82	158.59
22 33 33 00-0083	EA	Up To 6 KW, 20 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-20S)	970.48	158.59
22 33 33 00-0084	EA	Up To 12 KW, 30 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-30D)	1,723.74	158.59
22 33 33 00-0085	EA	Up To 12 KW, 40 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-40D)	1,920.91	198.24
22 33 33 00-0086	EA	Up To 12 KW, 50 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-50D)	2,165.23	237.89
22 33 33 00-0087	EA	Up To 12 KW, 30 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-30D)	1,715.48	198.24
22 33 33 00-0088	EA	Up To 12 KW, 40 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-40D)	1,850.19	198.24
22 33 33 00-0089	EA	Up To 12 KW, 50 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-50D)	2,103.48	237.89
22 33 33 00-0090	EA	Up To 12 KW, 66 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-66D)	2,486.60	317.18
22 33 33 00-0091	EA	Up To 12 KW, 80 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-80D)	2,767.96	356.83
22 33 33 00-0092	EA	Up To 12 KW, 119 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-120D)	3,825.35	475.77

22 33 33 00-0093 Removal And Reinstallation Of Water Heater *(22 33 33)*

Note: Includes storage and cleaning.

22 33 33 00-0094	EA	Remove And Reinstall Water Heater Electric, Up To 82 Gallon	264.32	
22 33 33 00-0095	EA	Remove And Reinstall Water Heater Electric, 83 Gallon To 200 Gallon	792.95	

22 34 Fuel-Fired Domestic Water Heaters *(22 30)*

22 34 13 Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34)*

22 34 13 00-0001 Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13)*

22 34 13 00-0002 Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)*

Note: Includes vent connection. Excludes vent.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 13 00-0003	EA	4.2 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-42PVN)	1,044.83	158.59
22 34 13 00-0004	EA	5.3 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53PVN)	1,125.03	160.57
22 34 13 00-0005	EA	5.3 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53DVN)	1,229.98	164.54
22 34 13 00-0006	EA	6.6 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-66DVN)	1,424.91	168.51
22 34 13 00-0007	EA	7.4 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74PVN)	1,716.50	178.41
22 34 13 00-0008	EA	7.4 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74DVN)	1,751.15	178.41
22 34 13 00-0009		Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)*		
22 34 13 00-0010	EA	5.3 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53XN)	1,121.06	158.59
22 34 13 00-0011	EA	7.4 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74XN)	1,716.50	178.41

22 34 30 Residential Gas Domestic Water Heaters *(22 34)*

22 34 30 13 Residential, Atmospheric, Gas Domestic Water Heaters *(22 34 30)*

22 34 30 13-0001 Atmospheric, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 13)*
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 30 13-0002	EA	30 Gallon, Atmospheric, Gas Domestic Water Heater	800.23	152.65
22 34 30 13-0003	EA	40 Gallon, Atmospheric, Gas Domestic Water Heater	789.46	156.61
22 34 30 13-0004	EA	50 Gallon, Atmospheric, Gas Domestic Water Heater	1,025.09	160.57
22 34 30 13-0005	EA	65 Gallon, Atmospheric, Gas Domestic Water Heater	1,104.58	164.54
22 34 30 13-0006	EA	75 Gallon, Atmospheric, Gas Domestic Water Heater	1,200.45	168.51
22 34 30 13-0007	EA	100 Gallon, Atmospheric, Gas Domestic Water Heater	1,738.43	178.41

22 34 30 16 Residential, Direct-Vent, Gas Domestic Water Heaters *(22 34 30)*

22 34 30 16-0001 Direct-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 16)*
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 30 16-0002	EA	40 Gallon, Direct-Vent, Gas Domestic Water Heater	1,399.58	156.61
22 34 30 16-0003	EA	50 Gallon, Direct-Vent, Gas Domestic Water Heater	1,586.09	160.57
22 34 30 16-0004	EA	75 Gallon, Direct-Vent, Gas Domestic Water Heater	2,039.80	164.54

22 34 30 19 Residential, Power-Vent, Gas Domestic Water Heaters *(22 34 30)*

22 34 30 19-0001 Power-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 19)*
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 30 19-0002	EA	40 Gallon, Power-Vent, Gas Domestic Water Heater	1,278.96	156.61
22 34 30 19-0003	EA	50 Gallon, Power-Vent, Gas Domestic Water Heater	1,330.89	160.57

22 34 36 Commercial Gas Domestic Water Heaters *(22 34)*

22 34 36 00-0001 Gas Fired Commercial Water Heaters (A.O. Smith BTR) *(22 34 36)*
Note: Includes automatic flue damper, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 00-0002	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-120)	4,504.21	237.89
22 34 36 00-0003	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-154)	5,672.19	277.54
22 34 36 00-0004	EA	180 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-180)	5,921.72	317.18
22 34 36 00-0005	EA	199 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-199)	5,943.61	317.18
22 34 36 00-0006	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200)	6,080.23	317.18
22 34 36 00-0007	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200A)	7,539.63	348.90
22 34 36 00-0008	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250)	6,734.46	356.83
22 34 36 00-0009	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250A)	8,119.47	392.51
22 34 36 00-0010	EA	251 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251)	6,373.20	356.83
22 34 36 00-0011	EA	251 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251A)	7,763.58	392.51
22 34 36 00-0012	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275)	7,073.12	436.13
22 34 36 00-0013	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275A)	8,507.38	479.74
22 34 36 00-0014	EA	305 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305)	7,194.09	436.13
22 34 36 00-0015	EA	305 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305A)	8,555.99	479.74
22 34 36 00-0016	EA	365 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365)	8,050.52	475.77
22 34 36 00-0017	EA	365 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365A)	9,442.99	523.35
22 34 36 00-0018	EA	390 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400)	9,709.10	475.77
22 34 36 00-0019	EA	390 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400A)	11,227.36	523.35
22 34 36 00-0020	EA	500 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-500)	10,883.09	515.42
22 34 36 00-0021	EA	150 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151)	5,415.48	277.54
22 34 36 00-0022	EA	150 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151A)	6,521.90	305.29
22 34 36 00-0023	EA	199 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201)	5,631.62	317.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 00-0024	EA	199 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201A)	6,784.29	348.90
22 34 36 00-0025	EA	Sidewall Power Vent System For BTR-120 through BTR-200	861.67	198.24
22 34 36 00-0026	EA	Sidewall Power Vent System For BTR-250 through BTR-500	1,006.17	198.24
22 34 36 00-0027		**Induced Draft Blower Gas Fired Commercial Water Heaters (A.O. Smith BTN)** *(22 34 36)* Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 36 00-0028	EA	80 MBH Input, 74 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-80)	2,856.69	237.89
22 34 36 00-0029	EA	90 MBH Input, 98 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-100)	3,294.57	237.89
22 34 36 00-0030	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-120)	4,876.41	237.89
22 34 36 00-0031	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-154)	5,990.20	277.54
22 34 36 00-0032	EA	180 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-180)	6,228.23	317.18
22 34 36 00-0033	EA	199 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-199)	6,266.55	317.18
22 34 36 00-0034	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200)	6,408.86	317.18
22 34 36 00-0035	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200A)	7,534.16	348.90
22 34 36 00-0036	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250)	7,079.29	356.83
22 34 36 00-0037	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250A)	8,710.60	392.51
22 34 36 00-0038	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275)	7,429.45	436.13
22 34 36 00-0039	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275A)	9,093.05	479.74
22 34 36 00-0040	EA	310 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310)	7,596.94	436.13
22 34 36 00-0041	EA	310 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310A)	9,191.57	479.74
22 34 36 00-0042	EA	366 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366)	8,532.29	475.77
22 34 36 00-0043	EA	366 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366A)	9,999.10	523.35
22 34 36 00-0044	EA	390 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400)	10,371.39	475.77
22 34 36 00-0045	EA	390 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400A)	11,878.70	523.35
22 34 36 00-0046		**Condensing Gas Fired Commercial Water Heaters (A.O. Smith BTX And BTH)** *(22 34 36)* Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 36 00-0047	EA	76 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-80)	2,599.43	237.89
22 34 36 00-0048	EA	100 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-100)	3,540.88	237.89
22 34 36 00-0049	EA	120 MBH Input, 60 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120)	4,969.46	237.89
22 34 36 00-0050	EA	120 MBH Input, 60 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120A)	6,286.89	261.68
22 34 36 00-0051	EA	150 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150)	6,674.39	277.54
22 34 36 00-0052	EA	150 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150A)	8,142.05	305.29
22 34 36 00-0053	EA	199 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199)	6,899.28	317.18
22 34 36 00-0054	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199A)	8,388.02	348.90
22 34 36 00-0055	EA	250 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250)	7,801.79	356.83
22 34 36 00-0056	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250A)	9,208.69	392.51
22 34 36 00-0057	EA	300 MBH Input, 130 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-300A)	11,572.54	479.74
22 34 36 00-0058	EA	399.9 MBH Input, 130 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-400A)	13,263.50	523.35
22 34 36 00-0059	EA	499.9 MBH Input, 130 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-500A)	15,277.39	566.96
22 34 36 00-0060		**Laars Rheos+ 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heaters** *(22 34 36)*		
22 34 36 00-0061	EA	1200 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	25,308.62	1,192.21
22 34 36 00-0062	EA	1600 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	35,526.37	1,317.71
22 34 36 00-0063	EA	2000 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	38,519.62	1,380.46
22 34 36 00-0064	EA	2400 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	41,727.49	1,505.96
22 34 36 00-0065		**Laars Rheos 86% Efficient Gas Fired, Copper Fin Tube LoNox Water Heaters** *(22 34 36)*		
22 34 36 00-0066	EA	1200 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	22,525.73	1,192.21
22 34 36 00-0067	EA	1600 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	24,885.43	1,317.71
22 34 36 00-0068	EA	2000 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	27,168.87	1,380.46
22 34 36 00-0069	EA	2400 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	29,522.18	1,505.96

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 00-0070		Laars Pennant 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heaters *(22 34 36)*		
22 34 36 00-0071	EA	200 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	5,941.51	564.73
22 34 36 00-0072	EA	300 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	6,540.30	627.48
22 34 36 00-0073	EA	400 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	7,691.08	752.98
22 34 36 00-0074	EA	500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	10,677.58	784.35
22 34 36 00-0075	EA	750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	11,810.63	941.22
22 34 36 00-0076	EA	1000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	14,546.70	1,129.47
22 34 36 00-0077	EA	1250 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	16,480.01	1,192.21
22 34 36 00-0078	EA	1500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	18,245.53	1,286.34
22 34 36 00-0079	EA	1750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	19,882.99	1,349.08
22 34 36 00-0080	EA	2000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	21,298.74	1,380.46
22 34 36 00-0081		Patterson Kelly Thermific Sealed Combustion, Gas Fired, Copper Fin Tube Water Heaters *(22 34 36)*		
22 34 36 00-0082	EA	700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific)	18,883.30	941.22
22 34 36 00-0083	EA	1000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific)	20,845.70	1,129.47
22 34 36 00-0084	EA	1500 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific)	27,743.52	1,286.34
22 34 36 00-0085	EA	1700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific)	28,595.59	1,349.08
22 34 36 00-0086	EA	2000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific)	29,915.57	1,380.46
22 34 36 00-0087		Patterson Kelly Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Water Heaters *(22 34 36)*		
22 34 36 00-0088	EA	1000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Modufire)	23,915.92	1,129.47
22 34 36 00-0089	EA	1500 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Modufire)	28,882.21	1,286.34
22 34 36 00-0090	EA	2000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Modufire)	30,659.44	1,380.46
22 34 36 00-0091		Removal And Reinstallation Of Water Heater *(22 34 36)* Note: Includes storage and cleaning.		
22 34 36 00-0092	EA	Remove And Reinstall Water Heater Gas Fired, Up To 86 Gallon	360.43	
22 34 36 00-0093	EA	Remove And Reinstall Water Heater Gas Fired, 87 Gallon To 200 Gallon	953.07	

22 34 46 Oil-Fired Domestic Water Heaters *(22 34)*

22 34 46 00-0001		Oil-Fired Domestic Water Heaters (Bock) *(22 34 46)* Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 46 00-0002	EA	60 MBH, 20 Gallon, Oil-Fired Domestic Water Heater (Bock 20E)	1,584.66	152.65
22 34 46 00-0003	EA	104 MBH, 32 Gallon, Oil-Fired Domestic Water Heater (Bock 32E)	1,562.19	152.65
22 34 46 00-0004	EA	104 MBH, 33 Gallon, Oil-Fired Domestic Water Heater (Bock 33ES)	1,675.21	152.65
22 34 46 00-0005	EA	125 MBH, 40 Gallon, Oil-Fired Domestic Water Heater (Bock 40E)	1,728.35	156.61
22 34 46 00-0006	EA	140 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 50ES)	2,179.83	160.57
22 34 46 00-0007	EA	152 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 51E)	1,862.85	160.57
22 34 46 00-0008		Oil Fired Commercial Water Heaters *(22 34 46)* Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 46 00-0009	EA	173 MBH, 68 Gallon, Oil-Fired Commercial Water Heater (Boch 71E)	2,573.52	237.89
22 34 46 00-0010	EA	199 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Boch 72E)	2,889.84	237.89
22 34 46 00-0011	EA	242 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Boch 73E)	3,061.62	237.89
22 34 46 00-0012	EA	190 MBH, 113 Gallon, Oil-Fired Commercial Water Heater (Bock 120E)	4,422.74	317.18
22 34 46 00-0013	EA	277 MBH, 109 Gallon, Oil-Fired Commercial Water Heater (Bock 241E)	5,094.25	356.83
22 34 46 00-0014	EA	415 MBH, 91 Gallon, Oil-Fired Commercial Water Heater (Bock 361E)	6,086.72	396.48
22 34 46 00-0015	EA	623 MBH, 83 Gallon, Oil-Fired Commercial Water Heater (Bock 541E)	7,694.02	436.13

22 35 Domestic Water Heat Exchangers *(22 30)*

22 35 23 Circulating, Domestic Water heat Exchangers *(22 35)*

22 35 23 00-0001		Steam Driven Water Heaters *(22 35 23)*		
22 35 23 00-0002		Constant Flow *(22 35 23 00-0001)*		
22 35 23 00-0003	EA	30 GPM, 700 LB/Hour Steam Water Heater, Constant Flow	4,211.92	396.48
22 35 23 00-0004	EA	90 GPM, 1250 LB/Hour Steam Water Heater, Constant Flow	5,259.33	485.84
22 35 23 00-0005	EA	140 GPM, 2500 LB/Hour Steam Water Heater, Constant Flow	6,741.11	635.39
22 35 23 00-0006	EA	230 GPM, 5000 LB/Hour Steam Water Heater, Constant Flow	9,125.39	885.02
22 35 23 00-0007	EA	500 GPM, 7500 LB/Hour Steam Water Heater, Constant Flow	13,486.36	1,457.61
22 35 23 00-0008	EA	900 GPM, 10000 LB/Hour Steam Water Heater, Constant Flow	14,706.71	1,651.96
22 35 23 00-0009	EA	1400 GPM, 15000 LB/Hour Steam Water Heater, Constant Flow	19,262.34	1,906.11
22 35 23 00-0010	EA	2400 GPM, 20000 LB/Hour Steam Water Heater, Constant Flow	23,171.16	2,252.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 35 23 00-0011		Variable Flow *(22 35 23 00-0001)*		
22 35 23 00-0012	EA	30 GPM, 700 LB/Hour Steam Water Heater, Variable Flow	6,369.84	773.14
22 35 23 00-0013	EA	90 GPM, 1250 LB/Hour Steam Water Heater, Variable Flow	7,228.97	944.02
22 35 23 00-0014	EA	140 GPM, 2500 LB/Hour Steam Water Heater, Variable Flow	9,223.86	1,220.67
22 35 23 00-0015	EA	230 GPM, 5000 LB/Hour Steam Water Heater, Variable Flow	12,110.68	1,703.11
22 35 23 00-0016	EA	500 GPM, 7500 LB/Hour Steam Water Heater, Variable Flow	18,115.71	2,848.30
22 35 23 00-0017	EA	900 GPM, 10000 LB/Hour Steam Water Heater, Variable Flow	22,000.65	3,136.69
22 35 23 00-0018	EA	1400 GPM, 15000 LB/Hour Steam Water Heater, Variable Flow	25,490.45	3,671.07
22 35 23 00-0019	EA	2400 GPM, 20000 LB/Hour Steam Water Heater, Variable Flow	32,242.39	4,385.84

22 40 Plumbing Fixtures *(22)*

Note: The following Energy Policy Act Flow Rates Requirements superseded flow rates standards listed in section. Plumbing fixtures and trim should not exceed the maximum flow rates set forth in The Energy Policy Act 92. lavatory faucets - 2.5 gal/min, lavatory replacement aerators - 2.5 gal/min, kitchen faucets - 2.5 gal/min, kitchen replacement aerators - 2.5 gal/min, metering faucets - 0.25 gal/cycle, gravity tank-type toilets - 1.6 gal/flush, flushometer tank toilets - 1.6 gal/flush, electromechanical hydraulic toilets - 1.6 gal/flush, blowdown toilets - 3.5 gal/flush, urinals - 1.0 gal/flush.

22 41 Residential Plumbing Fixtures *(22 40)*

22 41 39 Residential Faucets, Supplies, And Trim *(22 41)*

22 41 39 00-0001		Kitchen Faucets *(22 41 39)*		
22 41 39 00-0002	EA	Chrome Single Handle Kitchen Faucet (Delta Model 100WF)	115.98	36.50
22 41 39 00-0003	EA	Chrome Single Handle Kitchen Faucet With Spray (Delta Model 400WF)	131.79	36.50
22 41 39 00-0004	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Delta Model 300WF)	131.79	36.50
22 41 39 00-0005	EA	Chrome Two Handle Kitchen Faucet, Three Hole Installation 8"Center (Delta Model 2102-LHP+H215)	127.42	36.50
22 41 39 00-0006	EA	Chrome Two Handle Kitchen Faucet With Spray, Three Hole Installation, 8" Center (Delta Model 2402-LHP+H215)	135.91	36.50
22 41 39 00-0007		Lavatory Faucets *(22 41 39)*		
22 41 39 00-0008	EA	Chrome Single Acrylic Handle Bath Faucet (Delta Model 502WF)	103.21	26.27
		For Faucet With Brass Pop-Up, Add	*11.00*	
22 41 39 00-0009	EA	Chrome Single Lever Handle Bath Faucet (Delta Model 500WF)	103.21	26.27
		For Faucet With Brass Pop-Up, Add	*11.00*	
22 41 39 00-0010	EA	Chrome Two Handle Bath Faucet With Acrylic Handles (Delta Model 2502)	79.98	26.27
		For Faucet With Brass Pop-Up, Add	*16.50*	
		For Faucet With Plastic Pop-Up, Add	*14.00*	
22 41 39 00-0011		Bath And Shower Faucets *(22 41 39)*		
22 41 39 00-0012	EA	Single Lever Handle, Chrome Shower Only, Pressure Balanced/Anti-Scald Valve (American Standard T675.501)	126.39	31.68
		For Faucet With Polished Nickel Or Brass Finish, Add	*25.00*	
22 41 39 00-0013	EA	Single Lever Handle, Chrome Bath And Shower, Pressure Balanced/Anti-Scald Valve (American Standard T675.502)	153.71	31.68
		For Faucet With Polished Nickel Or Brass Finish, Add	*25.00*	
22 41 39 00-0014	EA	Two-Knob Handle Chrome Shower Only, Ceramic Valving (American Standard 3275.301)	113.38	31.68
		For Faucet With Polished Nickel Or Brass Finish, Add	*75.00*	
		For Faucet With Lever Handles, Add	*8.10*	
22 41 39 00-0015	EA	Two-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard 3275.302)	127.04	31.68
		For Faucet With Polished Nickel Or Brass Finish, Add	*75.00*	
		For Faucet With Lever Handles, Add	*8.10*	
22 41 39 00-0016	EA	Three-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard 3375.302)	138.92	31.68
		For Faucet With Polished Nickel Or Brass Finish, Add	*75.00*	
		For Faucet With Lever Handles, Add	*8.10*	
22 41 39 00-0017	EA	Hand Shower With Hose And 25" Slide Bar (American Standard 1662.602)	147.74	19.83
22 41 39 00-0018		Laundry Faucets *(22 41 39)*		
22 41 39 00-0019	EA	Stream Straightener Nozzle Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2123)	89.97	23.31
22 41 39 00-0020		Laundry/Wash Basin Faucets *(22 41 39)*		
22 41 39 00-0021	EA	Hose Thread Spout Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121)	90.63	23.31
22 41 39 00-0022	EA	Hose Thread Spout With Vacuum Breaker Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121+RP25695)	125.94	25.69
22 41 39 00-0023		Other Faucets *(22 41 39)*		
22 41 39 00-0024	EA	Sillcock, Compact, Brass, IPS Or Copper To Hose	20.90	5.95

22 42 Commercial Plumbing Fixtures *(22 40)*

Note: Prices are for commercial grade unless otherwise indicated. Includes final connection and all associated trim (seat, supply stop and line, wax seal, valve). Excludes rough-in within the wall and carrier.

22 42 13 Commercial Water Closets, Urinals, And Bidets *(22 42)*

22 42 13 00-0001		Vitreous China Water Closets *(22 42 13)* Note: With a 2" ball pass.		
22 42 13 00-0002		Floor Mounted Elongated Vitreous China Water Closets *(22 42 13 00-0001)* Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 00-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Madera™)	455.67	75.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 00-0004	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Neolo®)	604.27	75.91
22 42 13 00-0005	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Colorado)	450.19	75.91
22 42 13 00-0006	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Priolo®)	561.64	75.91
22 42 13 00-0007	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Yorkville™)	754.69	75.91
22 42 13 00-0008	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Cadet™)	665.17	75.91
22 42 13 00-0009	EA	1.28 GPF Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Toto® CT705E)	486.93	75.91
22 42 13 00-0010		**Wall Hung Elongated Vitreous China Water Closets** *(22 42 13 00-0001)*		
		Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 00-0011	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall®)	526.47	93.43
22 42 13 00-0012	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall® ADA Retrofit)	679.33	93.43
22 42 13 00-0013	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Glenwall™)	888.83	93.43
22 42 13 00-0014	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT708E Or CT708EV)	595.71	93.43
22 42 13 00-0015		**Floor Mounted Elongated Handicapped Water Closets** *(22 42 13 00-0001)*		
		Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 00-0016	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Madera™ ADA)	463.23	75.91
22 42 13 00-0017	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Colorado Right Height®)	476.63	75.91
22 42 13 00-0018	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Right Width™ Right Height®)	535.70	75.91
22 42 13 00-0019	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Huron)	608.78	75.91
22 42 13 00-0020	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Priolo® ADA)	605.74	75.91
22 42 13 00-0021	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Back Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Yorkville™ ADA)	838.99	75.91
22 42 13 00-0022	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Cadet Right Height™ ADA)	692.83	75.91
22 42 13 00-0023	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT705ELN)	523.41	75.91
22 42 13 00-0024		**Floor Mounted, 10" High Bowl, Children's Height Vitreous China Water Closets** *(22 42 13 00-0001)*		
		Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 00-0025	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Elongated Vitreous China Water Closet (Kohler® Primary™)	492.70	75.91
22 42 13 00-0026	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™)	469.92	75.91
22 42 13 00-0027	EA	2 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™)	564.94	75.91
22 42 13 00-0028		**Water Closet Flush Valves** *(22 42 13 00-0001)*		
22 42 13 00-0029	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-115)	197.82	24.89
22 42 13 00-0030	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-110 Or 111)	191.37	24.89
22 42 13 00-0031	EA	Concealed Manual Water Closet Flush Valve, Back Spud (Sloan Royal-140)	263.57	24.89
22 42 13 00-0032	EA	Concealed Manual Water Closet Flush Valve, Top Spud (Sloan Royal-142)	291.76	24.89
22 42 13 00-0033	EA	Exposed Infrared Water Closet Flush Valve (Sloan Royal 115-1.6 ES-S)	523.23	24.89
22 42 13 00-0034	EA	Concealed Infrared Water Closet Flush Valve, Back Spud (Sloan Royal-140 ES-S)	527.10	24.89
22 42 13 00-0035	EA	Concealed Infrared Water Closet Flush Valve, Top Spud (Sloan Royal-153-1.6-ES-S)	555.54	24.89
22 42 13 00-0036	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8113)	517.35	24.89
22 42 13 00-0037	EA	Dual Flush Water Closet Flush Valve (Sloan Uppercut WES-115)	234.80	14.60
		Note: "Green". 1.6 Gallons or 1.1 Gallons per flush. Includes instructional placards on proper operation.		
22 42 13 00-0038	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8110)	426.19	24.89
22 42 13 00-0039	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima EBV-89AM)	257.54	24.89
22 42 13 00-0040	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40118X)	227.05	24.89
22 42 13 00-0041	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima Smooth EBV-200A)	225.76	21.90
22 42 13 00-0042	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40180X)	244.92	21.90
22 42 13 00-0043	EA	Exposed Infrared Water Closet Flush Valve 1.28 GPF (Toto EcoPower TET1LN)	530.58	24.89
22 42 13 00-0044	EA	Exposed Infrared Water Closet Flush Valve (1-1/2" V.B.) 1.28 GPF (Toto EcoPower TET1LN32)	580.14	24.89
22 42 13 00-0045	EA	Concealed Infrared Water Closet Flush Valve, Back Spud 1.28 GPF (Toto EcoPower TET2LN31 Or TET3LN31)	737.75	24.89
22 42 13 00-0046	EA	Concealed Infrared Water Closet Flush Valve, Top Spud 1.28 GPF (Toto EcoPower TET2LN32 Or TET3LN32)	737.75	24.89
22 42 13 00-0047		**Vitreous China Urinals** *(22 42 13)*		
		Note: Excludes flush valve unless indicated otherwise.		
22 42 13 00-0048		**Wall Hung Urinals** *(22 42 13 00-0047)*		
22 42 13 00-0049	EA	Washout, Wall Hung, Vitreous China Urinal (American Standard Maybrook™)	431.20	78.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 00-0050	EA	Washout, Wall Hung, Vitreous China Urinal (American Standard Decorum™)	450.69	78.11
22 42 13 00-0051	EA	Blowout, Wall Hung, Vitreous China Urinal (American Standard Jetbrook™)	537.78	78.11
22 42 13 00-0052	EA	Washout, Wall Hung, Vitreous China Urinal (American Standard Washbrook®)	543.26	78.11
22 42 13 00-0053	EA	Blowout, Wall Hung, Vitreous China Urinal (American Standard Lynbrook™)	601.11	78.11
22 42 13 00-0054	EA	Siphon Jet, Wall Hung, Vitreous China Urinal (American Standard Trimbrook™)	541.43	78.11
22 42 13 00-0055	EA	Siphon Jet, Wall Hung, Vitreous China Urinal (American Standard Allbrook™)	446.75	78.11
22 42 13 00-0056	EA	Washout, Wall Hung, Vitreous China Urinal (Toto® UT447E Or UT447EV)	557.90	78.11
22 42 13 00-0057	EA	Washout, Wall Hung, Vitreous China Urinal (Toto® UT104E Or UT104EV)	467.33	78.11
22 42 13 00-0058		**Floor Mounted Urinals** *(22 42 13 00-0047)*		
22 42 13 00-0059	EA	Washout, Floor Mounted, Vitreous China Urinal (American Standard Stallbrook™)	752.75	98.54
22 42 13 00-0060		**Urinal Flush Valves** *(22 42 13 00-0047)*		
22 42 13 00-0061	EA	Exposed Manual Urinal Flush Valve, 3/4" Top Spud (Sloan Regal 186) Note: 0.5, 1.0 or 1.5 GPF.	142.05	24.89
22 42 13 00-0062	EA	Exposed Manual Urinal Flush Valve, 1-1/4" Top Spud (Sloan Regal 180) Note: 1.0, 1.5 or 3.5 GPF.	142.05	24.89
22 42 13 00-0063	EA	Concealed Manual Urinal Flush Valve, Back Spud (Sloan Royal 195) Note: 1.0 or 1.5 GPF.	197.80	24.89
22 42 13 00-0064	EA	Concealed Manual Urinal Flush Valve, Top Spud (Sloan Royal 197) Note: 1.0 or 1.5 GPF.	266.47	24.89
22 42 13 00-0065	EA	Exposed Infrared Urinal Flush Valve (Sloan Royal 186-ES-S) Note: 1.0 or 1.5 GPF.	411.96	24.89
22 42 13 00-0066	EA	Concealed Infrared Urinal Flush Valve, Back Spud (Sloan Royal 195-WB-ES-S) Note: 0.5, 1.0 or 1.5 GPF.	550.93	24.89
22 42 13 00-0067	EA	Concealed Infrared Urinal Flush Valve, Top Spud (Sloan Royal 197-WB-ES-S) Note: 0.5, 1.0 or 1.5 GPF.	590.30	24.89
22 42 13 00-0068	EA	Exposed Battery Powered Urinal Flush Valve, Top Spud (Sloan G2 Opt+8186-1) Note: 1.0 GPF.	389.69	24.89
22 42 13 00-0069	EA	Foot Operated Flush Valve Note: Can be used for water closets.	422.13	
22 42 13 00-0070	EA	Exposed Infrared Urinal Flush Valve (Toto EcoPower TEU1LN) Note: 0.5 GPF.	530.58	24.89
22 42 13 00-0071	EA	Exposed Infrared Urinal Flush Valve (3/4" V.B.) (Toto EcoPower TEU1LN12) Note: 0.5 GPF.	576.95	24.89
22 42 13 00-0072	EA	Concealed Infrared Urinal Flush Valve, 0.5 GPF (Toto EcoPower TEU2LN21 Or TEU3LN21) Note: 0.5 GPF.	905.88	24.89
22 42 13 00-0073		**Enameled Cast Iron Trough Type Urinals** *(22 42 13 00-0047)* Note: Includes strainer, p-trap, washdown pipe and trim.		
22 42 13 00-0074	EA	36" Long, Enameled Cast Iron Trough Type Urinal (Kohler® Jarves®)	2,032.86	106.08
22 42 13 00-0075	EA	48" Long, Enameled Cast Iron Trough Type Urinal (Kohler® Jarves®)	2,288.17	106.08
22 42 13 00-0076	EA	60" Long, Enameled Cast Iron Trough Type Urinal (Kohler® Jarves®)	2,673.00	123.63
22 42 13 00-0077	EA	72" Long, Enameled Cast Iron Trough Type Urinal (Kohler® Jarves®)	2,989.38	123.63
22 42 13 00-0078		**Waterfree Urinals** *(22 42 13 00-0047)*		
22 42 13 00-0079	EA	Waterfree, Wall Hung, Vitreous China Urinal (American Standard Small FloWise® Flush-Free)	433.40	54.75
22 42 13 00-0080	EA	Waterfree, Wall Hung, Vitreous China Urinal (American Standard Medium FloWise® Flush-Free)	490.64	54.75
22 42 13 00-0081	EA	Waterfree, Wall Hung, Vitreous China Urinal (American Standard Large FloWise® Flush-Free)	519.27	54.75
22 42 13 00-0082	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-1000)	603.06	54.75
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-47.94*	
22 42 13 00-0083	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-2000)	556.83	54.75
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-42.67*	
22 42 13 00-0084	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-4000)	439.89	54.75
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-29.34*	
22 42 13 00-0085	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-5000)	439.89	54.75
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-29.34*	
22 42 13 00-0086	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-7000)	531.77	54.75
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-39.82*	
22 42 13 00-0087	EA	Waterfree, Wall Hung, Stainless Steel Urinal (Falcon F-9000)	777.44	54.75
		For >1, Deduct	*-67.82*	
22 42 13 00-0088		**Removal And Reinstallation Of Fixtures And Trim** *(22 42 13)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 13 00-0089	EA	Remove And Reinstall Wall Hung Water Closet With Tank	337.45	
22 42 13 00-0090	EA	Remove And Reinstall Wall Hung Water Closet With Flush Valve	337.45	
22 42 13 00-0091	EA	Remove And Reinstall Floor Mount Water Closet With Tank	260.39	
22 42 13 00-0092	EA	Remove And Reinstall Floor Mount Water Closet With Flush Valve	260.39	
22 42 13 00-0093	EA	Remove And Reinstall Wall Hung Urinal With Flush Valve	345.60	
22 42 13 00-0094		**Stainless Steel Water Closets** *(22 42 13)*		
22 42 13 00-0095	EA	Wall Hung Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2105-T-1-HS)	2,495.47	164.24
22 42 13 00-0096	EA	Floor Mounted Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2120-T-3-HS)	2,629.77	164.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 00-0097		**Stainless Steel Urinals** *(22 42 13)*		
22 42 13 00-0098	EA	Wall Hung Urinal, Stainless Steel, Blowout Jet (Acorn 2160-T-1)	2,571.01	164.24
22 42 13 00-0099	EA	5' Wall Hung Trough Urinal, Stainless Steel With Strainer And Washdown Pipe (Elkay EU6014C)	3,333.74	200.74
22 42 13 00-0100		**Fixture Carriers** *(22 42 13)*		
22 42 13 00-0101		**Water Closet Carriers** *(22 42 13 00-0100)*		
22 42 13 00-0102		**Pipe Grip Adaptor Type, Water Closet Carriers** *(22 42 13 00-0101)* Note: Includes coated cast iron construction, plated hardware and adjustable feet. Excludes waste piping and fittings.		
22 42 13 00-0103	EA	Pipe Grip Adaptor Type, Water Closet Carrier	352.61	38.55
22 42 13 00-0104		**No-Hub, Water Closet Carriers** *(22 42 13 00-0101)* Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.		
22 42 13 00-0105	EA	Vertical Close With Offset, No-Hub, Single Water Closet Carrier	536.54	38.55
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-45.12*	
		For Positioning Frame, Add	*30.10*	
		For Supply Pipe Support, Add	*30.77*	
		For Vandal Proof Trim, Add	*38.41*	
		For Auxiliary Inlet, Add	*130.49*	
		For Special Duty 500 LB Carrier, Add	*214.25*	
22 42 13 00-0106	EA	Vertical Close On Stack, No-Hub, Single Water Closet Carrier	536.54	38.55
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-45.12*	
		For Positioning Frame, Add	*30.10*	
		For Supply Pipe Support, Add	*30.77*	
		For Vandal Proof Trim, Add	*38.41*	
		For Auxiliary Inlet, Add	*130.49*	
		For Special Duty 500 LB Carrier, Add	*214.25*	
22 42 13 00-0107	EA	Horizontal Adjustable, No-Hub, Single Water Closet Carrier	584.38	38.55
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-45.12*	
		For Positioning Frame, Add	*30.10*	
		For Supply Pipe Support, Add	*30.77*	
		For Vandal Proof Trim, Add	*38.41*	
		For Auxiliary Inlet, Add	*130.49*	
		For Horizontal No Hub Cast Long Barrel, Add	*132.28*	
		For Carrier For Wide Chase Installations, Add	*177.21*	
		For Special Duty 1,000 LB Carrier, Add	*214.26*	
22 42 13 00-0108	EA	Vertical Adjustable On Stack, No-Hub, Single Water Closet Carrier	645.69	38.55
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-45.12*	
		For Positioning Frame, Add	*30.10*	
		For Supply Pipe Support, Add	*30.77*	
		For Vandal Proof Trim, Add	*38.41*	
		For 4" Branch, Add	*101.97*	
		For Auxiliary Inlet, Add	*130.49*	
		For Carrier For Wide Chase Installations, Add	*177.21*	
		For Double 4" Branches, Add	*204.60*	
		For Special Duty 1,000 LB Carrier, Add	*214.26*	
22 42 13 00-0109	EA	Vertical Close With Offset, No-Hub, Double Water Closet (Back To Back) Carrier	889.76	56.57
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-90.26*	
		For Positioning Frame, Add	*65.66*	
		For Supply Pipe Support, Add	*67.01*	
		For Vandal Proof Trim, Add	*76.82*	
		For Auxiliary Inlet, Add	*141.44*	
		For Special Duty 500 LB Carrier, Add	*428.51*	
22 42 13 00-0110	EA	Vertical Close On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	914.02	56.57
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-90.26*	
		For Positioning Frame, Add	*65.66*	
		For Supply Pipe Support, Add	*67.01*	
		For Vandal Proof Trim, Add	*76.82*	
		For Auxiliary Inlet, Add	*141.44*	
		For Special Duty 500 LB Carrier, Add	*428.51*	
22 42 13 00-0111	EA	Vertical Adjustable On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	1,107.39	56.57
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-90.26*	
		For Positioning Frame, Add	*65.66*	
		For Supply Pipe Support, Add	*67.01*	
		For Vandal Proof Trim, Add	*76.82*	
		For 4" Branch, Add	*107.44*	
		For Auxiliary Inlet, Add	*141.44*	
		For Double 4" Branches, Add	*215.55*	
		For Carrier For Wide Chase Installations, Add	*387.25*	
		For Special Duty 1,000 LB Carrier, Add	*428.52*	
22 42 13 00-0112	EA	Horizontal Adjustable, No-Hub, Double Water Closet (Back To Back) Carrier	1,044.05	56.57
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-90.26*	
		For Positioning Frame, Add	*65.66*	
		For Supply Pipe Support, Add	*67.01*	
		For Vandal Proof Trim, Add	*76.82*	
		For Horizontal No Hub Cast Long Barrel, Add	*137.75*	
		For Carrier For Wide Chase Installations, Add	*387.25*	
		For Special Duty 1,000 LB Carrier, Add	*428.52*	
22 42 13 00-0113		**Hub And Spigot, Water Closet Carriers** *(22 42 13 00-0101)* Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 00-0114	EA	Vertical Close With Offset, Hub And Spigot, Single Water Closet Carrier	536.54	38.55
		For Positioning Frame, Add	*30.10*	
		For Supply Pipe Support, Add	*30.77*	
		For Vandal Proof Trim, Add	*38.41*	
		For Hanger Type Closet Adapter, Add	*96.35*	
		For Auxiliary Inlet, Add	*130.49*	
22 42 13 00-0115	EA	Vertical Close On Stack, Hub And Spigot, Single Water Closet Carrier	536.54	38.55
		For Positioning Frame, Add	*30.10*	
		For Supply Pipe Support, Add	*30.77*	
		For Vandal Proof Trim, Add	*38.41*	
		For Auxiliary Inlet, Add	*130.49*	
		For Special Duty 500 LB Carrier, Add	*214.25*	
22 42 13 00-0116	EA	Vertical Adjustable On Stack, Hub And Spigot, Single Water Closet Carrier	668.60	38.55
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-45.12*	
		For Positioning Frame, Add	*30.10*	
		For Supply Pipe Support, Add	*30.77*	
		For Vandal Proof Trim, Add	*38.41*	
		For 4" Branch, Add	*101.97*	
		For Auxiliary Inlet, Add	*130.49*	
		For Carrier For Wide Chase Installations, Add	*177.21*	
		For Double 4" Branches, Add	*204.60*	
		For Special Duty 1,000 LB Carrier, Add	*214.26*	
22 42 13 00-0117	EA	Vertical Close With Offset, Hub And Spigot, Double Water Closet (Back To Back) Carrier	889.76	56.57
		For Positioning Frame, Add	*65.66*	
		For Supply Pipe Support, Add	*67.01*	
		For Vandal Proof Trim, Add	*76.82*	
		For Auxiliary Inlet, Add	*141.44*	
		For Hanger Type Closet Adapter, Add	*192.69*	
22 42 13 00-0118	EA	Vertical Adjustable On Stack, Hub And Spigot, Double Water Closet (Back To Back) Carrier	1,130.30	56.57
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-90.26*	
		For Positioning Frame, Add	*65.66*	
		For Supply Pipe Support, Add	*67.01*	
		For Vandal Proof Trim, Add	*76.82*	
		For 4" Branch, Add	*107.44*	
		For Auxiliary Inlet, Add	*141.44*	
		For Double 4" Branches, Add	*215.55*	
		For Carrier For Wide Chase Installations, Add	*387.25*	
		For Special Duty 1,000 LB Carrier, Add	*428.52*	

22 42 13 00-0119 Floor Mount PVC Adaptor Type, Water Closet Carriers *(22 42 13 00-0101)*
Note: Includes coated cast iron construction, plastic fitting adaptor with extension and plated hardware.

22 42 13 00-0120	EA	Vertical On Stack, Floor Mount PVC Adaptor Type, Single Water Closet Carrier	418.63	38.55
		For Positioning Frame, Add	*30.10*	
		For Supply Pipe Support, Add	*30.77*	
		For Vandal Proof Trim, Add	*38.41*	
		For Hanger Type Closet Adapter, Add	*96.35*	

22 42 13 00-0121 Institutional Water Closet Carriers *(22 42 13 00-0101)*
Note: Includes coated cast iron construction, ABS extension with integral test cap, buttress feet, plated hardware and neoprene fixture gasket.

22 42 13 00-0122	EA	Vertical On Stack, No-Hub, 90 Degree Institutional, Double Waste Fitting With Vent And Carrier, Water Closet Carrier	1,442.93	56.57
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-90.26*	
		For Positioning Frame, Add	*65.66*	
		For Supply Pipe Support, Add	*67.01*	
		For Vandal Proof Trim, Add	*76.82*	
		For Auxiliary Inlet, Add	*141.44*	

22 42 13 00-0123 Urinal Carriers *(22 42 13 00-0100)*

22 42 13 00-0124 Floor Mounted, Urinal Carriers *(22 42 13 00-0123)*
Note: Includes adjustable supporting rods, structural uprights and welded feet.

22 42 13 00-0125	EA	Floor Mounted Hanger Plate Type, Single Urinal Carrier	305.00	27.74
		For Up To 4" Extension Sleeves And Hardware, Add	*14.15*	
22 42 13 00-0126	EA	Floor Mounted Bearing Plate Type, Single Urinal Carrier	330.60	27.74
		For Up To 4" Extension Sleeves And Hardware, Add	*14.15*	

22 42 13 00-0127 Wall Mounted, Urinal Carriers *(22 42 13 00-0123)*
Note: Includes wall plate and adjustable supporting rods.

22 42 13 00-0128	EA	Wall Mounted Hanger Plate Type, Single Urinal Carrier	145.32	27.74
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*14.15*	

22 42 16 Commercial Lavatories And Sinks *(22 42)*

22 42 16 00-0001 Lavatories *(22 42 16)*
Note: Includes trap, drain and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.

22 42 16 00-0002 Wall Hung Lavatories *(22 42 16 00-0001)*

22 42 16 00-0003	EA	19" x 17" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	420.14	48.91
22 42 16 00-0004	EA	20" x 18" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	440.84	48.91
22 42 16 00-0005	EA	22" x 19" Porcelain Enameled Cast Iron Wall Hung Lavatory (Kohler® Hampton™)	571.58	48.91
22 42 16 00-0006	EA	18" x 16" Vitreous China Wall Hung Lavatory (American Standard Penlyn™)	382.38	48.91
22 42 16 00-0007	EA	19" x 17" Vitreous China Wall Hung Lavatory (American Standard Declyn™)	324.52	48.91
22 42 16 00-0008	EA	20" x 18" Vitreous China Wall Hung Lavatory (American Standard Roxalyn™)	392.12	48.91
22 42 16 00-0009	EA	27" x 20" Wheelchair Accessible, Vitreous China Wall Hung Lavatory (American Standard Wheel Chair Users)	501.13	48.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 00-0010	EA	20" x 18" Vitreous China Wall Hung Lavatory (American Standard Lucerne™)	335.49	48.91
22 42 16 00-0011		**Countertop Lavatories** *(22 42 16 00-0001)*		
22 42 16 00-0012	EA	21" x 18" Vitreous China Countertop Lavatory (American Standard Cadet™ Oval)	378.74	59.13
22 42 16 00-0013	EA	19" Diameter Enameled Steel Counter Top Lavatory (American Standard Colony Round™)	350.12	59.13
22 42 16 00-0014	EA	19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Farmington™)	399.40	59.13
22 42 16 00-0015	EA	22" x 19" Enameled Cast Iron Countertop Lavatory (Kohler® Providence®)	521.75	63.87
22 42 16 00-0016	EA	24" x 18" Enameled Cast Iron Countertop Lavatory (Kohler® Thoreau®)	562.50	68.62
22 42 16 00-0017		**Undercounter Lavatories** *(22 42 16 00-0001)*		
22 42 16 00-0018	EA	17" x 14" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	353.99	59.13
22 42 16 00-0019	EA	19" x 16" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	353.99	59.13
22 42 16 00-0020	EA	21" x 17" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	387.19	59.13
22 42 16 00-0021		**Pedestal Lavatories** *(22 42 16 00-0001)*		
22 42 16 00-0022	EA	19" x 21" x 34" High Vitreous China Pedestal Sink (American Standard Colony™)	407.23	140.52
22 42 16 00-0023		**Pre-Molded Culture Marble Lavatory Vanity** *(22 42 16 00-0001)*		
		Note: Includes splash. Single sink, center or offset. Bowl is either oval, shell shape or rectangular.		
22 42 16 00-0024	EA	17" x 20" Pre-Molded Culture Marble Vanity Top With Lavatory	121.70	45.62
		For Colored Fixtures, Add	*8.83*	
22 42 16 00-0025	EA	18" x 24" Pre-Molded Culture Marble Vanity Top With Lavatory	160.92	54.75
		For Colored Fixtures, Add	*14.92*	
22 42 16 00-0026	EA	18" x 30" Pre-Molded Culture Marble Vanity Top With Lavatory	181.87	58.39
		For Colored Fixtures, Add	*18.88*	
22 42 16 00-0027	EA	18" x 36" Pre-Molded Culture Marble Vanity Top With Lavatory	199.67	62.05
		For Colored Fixtures, Add	*21.92*	
22 42 16 00-0028	EA	19" x 25" Pre-Molded Culture Marble Vanity Top With Lavatory	166.17	54.75
		For Colored Fixtures, Add	*16.44*	
22 42 16 00-0029	EA	19" x 31" Pre-Molded Culture Marble Vanity Top With Lavatory	185.00	58.39
		For Colored Fixtures, Add	*19.79*	
22 42 16 00-0030	EA	19" x 37" Pre-Molded Culture Marble Vanity Top With Lavatory	201.76	62.05
		For Colored Fixtures, Add	*22.53*	
22 42 16 00-0031	EA	19" x 43" Pre-Molded Culture Marble Vanity Top With Lavatory	231.66	63.87
		For Colored Fixtures, Add	*30.15*	
22 42 16 00-0032	EA	19" x 49" Pre-Molded Culture Marble Vanity Top With Lavatory	256.33	65.70
		For Colored Fixtures, Add	*36.24*	
22 42 16 00-0033	EA	22" x 25" Pre-Molded Culture Marble Vanity Top With Lavatory	187.17	54.75
		For Colored Fixtures, Add	*22.53*	
22 42 16 00-0034	EA	22" x 31" Pre-Molded Culture Marble Vanity Top With Lavatory	220.70	58.39
		For Colored Fixtures, Add	*30.15*	
22 42 16 00-0035	EA	22" x 37" Pre-Molded Culture Marble Vanity Top With Lavatory	238.51	62.05
		For Colored Fixtures, Add	*33.19*	
22 42 16 00-0036	EA	22" x 43" Pre-Molded Culture Marble Vanity Top With Lavatory	258.96	63.87
		For Colored Fixtures, Add	*38.06*	
22 42 16 00-0037	EA	22" x 49" Pre-Molded Culture Marble Vanity Top With Lavatory	277.33	65.70
		For Colored Fixtures, Add	*42.33*	
22 42 16 00-0038	EA	22" x 55" Pre-Molded Culture Marble Vanity Top With Lavatory	301.42	69.34
		For Colored Fixtures, Add	*47.20*	
22 42 16 00-0039		**Stainless Steel Lavatories** *(22 42 16 00-0001)*		
22 42 16 00-0040	EA	18" x 15" Wall Mounted Lavatory, Stainless Steel (Acorn 1950-1)	1,280.14	127.75
22 42 16 00-0041		**Solid Surface Multi-Station Lavatory Systems** *(22 42 16 00-0001)*		
		Note: ADA compliant. Includes integral faucets.		
22 42 16 00-0042	EA	2 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-2)	3,365.93	105.38
		For Integral Liquid Soap Dispenser, Add	*171.00*	
		For Integral Photovoltaic Power Panels, Add	*563.00*	
22 42 16 00-0043	EA	3 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-3)	4,915.00	105.38
		For Integral Liquid Soap Dispenser, Add	*171.00*	
		For Integral Photovoltaic Power Panels, Add	*657.00*	
22 42 16 00-0044	EA	12" Length, Solid Surface Countertop Extension (Bradley MG-EXT-12)	238.83	35.13
22 42 16 00-0045	EA	18" Length, Solid Surface Countertop Extension (Bradley MG-EXT-18)	292.14	35.13
22 42 16 00-0046	EA	36" Length, Solid Surface Countertop Extension (Bradley MG-EXT-36)	563.61	35.13
22 42 16 00-0047		**Sinks** *(22 42 16)*		
		Note: Includes drain, trap and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.		
22 42 16 00-0048		**Kitchen Sinks** *(22 42 16 00-0047)*		
22 42 16 00-0049	EA	25" x 22" x 8-3/4" Enameled Cast Iron Kitchen Sink, Single Bowl (Kohler® Mayfield®)	469.72	68.62
22 42 16 00-0050	EA	22" x 33" x 8-5/8" Enameled Cast Iron Kitchen Sink, Double Bowl (Kohler® Brookfield®)	556.19	78.11
22 42 16 00-0051	EA	15" x 17" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1517)	610.84	67.16
		For 18 Gauge, Add	*168.55*	
22 42 16 00-0052	EA	17" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1722)	629.58	67.16
		For 18 Gauge, Add	*177.92*	
22 42 16 00-0053	EA	22" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2222)	671.76	67.16
		For 18 Gauge, Add	*199.01*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 00-0054	EA	25" x 22" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2522)	708.63	68.62
		For 18 Gauge, Add	*213.07*	
22 42 16 00-0055	EA	31" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR3122)	920.84	78.11
		For 18 Gauge, Add	*305.24*	
22 42 16 00-0056	EA	33" x 21" x 7-1/2" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay PSR3321)	943.41	78.11
		For 18 Gauge, Add	*316.40*	
22 42 16 00-0057	EA	15" x 17" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR151710)	914.68	67.16
22 42 16 00-0058	EA	17" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR172210)	935.77	67.16
22 42 16 00-0059	EA	22" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR222210)	988.89	67.16
22 42 16 00-0060	EA	25" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR252210)	1,059.34	68.62
22 42 16 00-0061	EA	31" x 22" x 11-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR312210)	1,302.80	78.11
22 42 16 00-0062	EA	33" x 22" x 8" Stainless Steel Kitchen Sink, Double Bowl, 18 Gauge (Elkay LR3322)	1,242.57	78.11

22 42 16 00-0063 Undermount Kitchen Sinks *(22 42 16 00-0047)*

22 42 16 00-0064	EA	21" x 15" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU2115) With Strainer (Elkay LK99)	862.81	67.16
22 42 16 00-0065	EA	21" x 15" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU211510) With Strainer (Elkay LK99)	860.53	67.16
22 42 16 00-0066	EA	21" x 15" x 7-1/2" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH2115) With Strainer (Elkay LK99)	870.62	67.16
22 42 16 00-0067	EA	21" x 15" x 10" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH211510) With Strainer (Elkay LK99)	923.74	67.16

22 42 16 00-0068 Multi-Station Wash Sink, Wall Mounted *(22 42 16 00-0047)*

Note: Includes concealed wall hanger, soap dish(s), strainer, supply lines and P-Trap. Excludes faucets.

22 42 16 00-0069	EA	36" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	1,557.04	118.62
22 42 16 00-0070	EA	48" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	2,102.61	127.75
22 42 16 00-0071	EA	60" Wide, 3 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	2,424.45	136.86
22 42 16 00-0072	EA	72" Wide, 3 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	2,652.16	145.99
22 42 16 00-0073	EA	48" Wide, 2 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	1,838.80	91.25
22 42 16 00-0074	EA	62" Wide, 3 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,042.48	100.37
22 42 16 00-0075	EA	80" Wide, 4 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,241.95	109.49
22 42 16 00-0076	EA	102" Wide, 5 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,486.96	123.18
22 42 16 00-0077	EA	27" Diameter, 2 Person, Stainless Steel, Sensor Operated Compact Wash Fountain Note: Includes sensor operated spray heads.	2,412.50	200.74

22 42 16 00-0078 Laundry Sinks *(22 42 16 00-0047)*

22 42 16 00-0079	EA	23" x 21" Molded Stone Single Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FL-1)	416.37	78.11
22 42 16 00-0080	EA	40" x 24" Molded Stone Double Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FLTD-II)	503.45	78.11
22 42 16 00-0081	EA	22" x 17" Molded Stone Single Laundry Sink, Drop-In (Fiat Products DL1)	414.77	78.11
22 42 16 00-0082	EA	24" x 21" Enameled Cast Iron Single Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2210)	722.56	78.11
22 42 16 00-0083	EA	48" x 21" Enameled Cast Iron Double Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2220)	1,089.33	87.60

22 42 16 00-0084 Refinish Sink/Lavatory *(22 42 16 00-0047)*

22 42 16 00-0085	EA	Refinish Sink/Lavatory	175.42	

22 42 16 00-0086 Service Sinks *(22 42 16 00-0047)*

22 42 16 00-0087	EA	22" x 18" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Lakewell™)	766.92	117.52
22 42 16 00-0088	EA	24" x 20" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Akron™)	814.42	117.52
22 42 16 00-0089	EA	28" x 28" Enameled Cast Iron Floor Type Corner Service Sink With Removable Vinyl Coated Rim Guard (American Standard Florwell™)	1,062.33	155.48
22 42 16 00-0090	EA	12" x 12" x 10" Cast Iron Floor Sink With Dome Strainer And Full Grate (Zurn FD2377-PO3-F)	364.55	109.49
22 42 16 00-0091	EA	24" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB2424)	501.06	109.49
22 42 16 00-0092	EA	36" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB3624)	549.40	131.39
22 42 16 00-0093	EA	24" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2424-010)	479.74	109.49
22 42 16 00-0094	EA	36" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2436-010)	541.88	131.39
22 42 16 00-0095	EA	24" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-24)	531.91	109.49
22 42 16 00-0096	EA	36" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-3624)	654.87	131.39

22 42 16 00-0097 Stainless Steel Sink And Drainboard *(22 42 16 00-0047)*

22 42 16 00-0098	EA	24" x 24" Stainless Steel Sink With One Compartment And Drainboard , 14 Gauge Stainless Steel With Tubular Adjustable Legs (Advance Tabco 94-41-24-24L)	2,568.42	182.49

22 42 16 00-0099 Soapstone Sinks *(22 42 16 00-0047)*

22 42 16 00-0100	EA	26-1/2" x 18-1/2" x 7-3/4" Single Bowl Soapstone Sink	885.89	67.16
22 42 16 00-0101	SF	Soapstone Sink Backsplash	136.50	
22 42 16 00-0102	EA	30" x 18-1/2" x 10" Single Bowl Soapstone Sink	1,139.74	78.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 00-0103	EA	36" x 18-1/2" x 10" Double Bowl Soapstone Sink	1,348.69	78.11
22 42 16 00-0104		**Fixture Carriers** *(22 42 16)*		
22 42 16 00-0105		**Lavatory Carriers** *(22 42 16 00-0104)*		
22 42 16 00-0106		**Floor Mounted, Lavatory Carriers** *(22 42 16 00-0105)*		
22 42 16 00-0107		**Floor Mounted Plate Type, Lavatory Carriers** *(22 42 16 00-0106)*		
		Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 16 00-0108	EA	Floor Mounted Hanger Plate Type, Single Lavatory Carrier	305.00	27.74
		For Up To 4" Extension Sleeves And Hardware, Add	*14.15*	
		For Valve Plate For Attaching To Upright, Add	*51.59*	
		For Corner Carrier, Add	*100.49*	
22 42 16 00-0109	EA	Floor Mounted Bearing Plate Type, Single Lavatory Carrier	330.60	27.74
		For Up To 4" Extension Sleeves And Hardware, Add	*14.15*	
		For Valve Plate For Attaching To Upright, Add	*51.59*	
22 42 16 00-0110	EA	Floor Mounted Hanger Plate Type, Double Lavatory (Back To Back) Carrier	375.74	27.74
		For Up To 4" Extension Sleeves And Hardware, Add	*28.29*	
		For Valve Plate For Attaching To Upright, Add	*103.17*	
22 42 16 00-0111	EA	Floor Mounted Bearing Plate Type, Double Lavatory (Back To Back) Carrier	427.62	27.74
		For Up To 4" Extension Sleeves And Hardware, Add	*28.29*	
		For Valve Plate For Attaching To Upright, Add	*103.17*	
22 42 16 00-0112		**Floor Mounted, Lavatory Carriers With Arms** *(22 42 16 00-0106)*		
		Note: Includes leveling and securing screws, structural uprights and welded feet.		
22 42 16 00-0113	EA	Floor Mounted, Single Lavatory Carrier With Concealed Arms	390.33	32.84
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*14.15*	
		For Concealed Arm Carrier For Wheelchair Lavatory, Add	*19.54*	
		For Valve Plate For Attaching To Upright, Add	*53.05*	
		For 2" Chrome Plated Escutcheons, Add	*47.84*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*86.91*	
22 42 16 00-0114	EA	Floor Mounted, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms	514.30	32.84
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*14.15*	
		For Vandal Proof Trim, Add	*38.41*	
		For Valve Plate For Attaching To Upright, Add	*53.05*	
		For Heavy Duty Carrier, Add	*49.18*	
22 42 16 00-0115	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Concealed Arms	513.63	32.84
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*28.29*	
		For Concealed Arm Carrier For Wheelchair Lavatory, Add	*39.08*	
		For Valve Plate For Attaching To Upright, Add	*106.08*	
		For 2" Chrome Plated Escutcheons, Add	*95.67*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*173.83*	
22 42 16 00-0116	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Exposed Acid Resistant White Coated Arms	750.80	32.84
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*28.29*	
		For Vandal Proof Trim, Add	*76.82*	
		For Valve Plate For Attaching To Upright, Add	*106.08*	
		For Heavy Duty Carrier, Add	*98.36*	
22 42 16 00-0117		**Wall Mounted, Lavatory Carriers** *(22 42 16 00-0105)*		
22 42 16 00-0118		**Wall Mounted Plate Type, Lavatory Carriers** *(22 42 16 00-0117)*		
		Note: Includes wall plate and adjustable supporting rods.		
22 42 16 00-0119	EA	Wall Mounted Hanger Plate Type, Single Lavatory Carrier	145.32	27.74
		For Double Plate Carrier, Add	*40.99*	
22 42 16 00-0120		**Wall Mounted Plate Type, Lavatory Carriers With Arms** *(22 42 16 00-0117)*		
		Note: Includes wall plate and leveling and securing screws.		
22 42 16 00-0121	EA	Wall Mounted Fixed Steel Plate Type, Single Lavatory Carrier With Concealed Arms	233.35	32.84
		For Up To 4" Extension Sleeves And Hardware, Add	*14.15*	
		For 2" Chrome Plated Escutcheons, Add	*47.84*	
22 42 16 00-0122	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Concealed Arms	271.08	32.84
		For Movable Mounting Brackets, Deduct	*-36.37*	
		For Up To 4" Extension Sleeves And Hardware, Add	*14.15*	
		For 2" Chrome Plated Escutcheons, Add	*47.84*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*86.91*	
22 42 16 00-0123	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms	387.64	32.84
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*14.15*	
		For Vandal Proof Trim, Add	*38.41*	
22 42 16 00-0124		**Sink Carriers** *(22 42 16 00-0104)*		
22 42 16 00-0125		**Floor Mounted, Sink Carriers** *(22 42 16 00-0124)*		
		Note: With support plates, adjustable coupling with 4" piping connection, mounting studs, structural uprights, welded feet and chrome plated trim.		
22 42 16 00-0126	EA	Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling	436.38	27.74
		For Vandal Proof Trim, Add	*38.41*	
		For Valve Plate For Attaching To Upright, Add	*51.59*	
22 42 16 00-0127	EA	Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling And 4" x 2" Waste Fitting	667.48	27.74
		For Vandal Proof Trim, Add	*38.41*	
		For Auxiliary Vent, Add	*115.60*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 42 16 00-0128	EA	Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With Exposed Acid Resistant White Coated Arms	831.88	27.74
			For Up To 4" Extension Sleeves And Hardware, Add	*28.97*	
			For Vandal Proof Trim, Add	*38.41*	
	22 42 16 00-0129		Removal And Reinstallation Of Fixtures And Trim *(22 42 16)*		
			Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
	22 42 16 00-0130	EA	Remove And Reinstall Wall Hung Lavatory With Faucet	219.60	
	22 42 16 00-0131	EA	Remove And Reinstall Wall Hung Service Sink With Faucet	299.25	
22 42 19	**Commercial Bathtubs** *(22 42)*				
	22 42 19 00-0001		Recessed Alcove Bathtubs *(22 42 19)*		
	22 42 19 00-0002		Porcelain Enameled Cast Iron, Recessed Alcove Bathtubs *(22 42 19 00-0001)*		
	22 42 19 00-0003	EA	54" x 30-1/4" x 14", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Seaforth™)	1,242.69	202.93
	22 42 19 00-0004	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Mendota®)	1,055.64	202.93
	22 42 19 00-0005	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Dynametric®)	1,247.39	202.93
	22 42 19 00-0006	EA	66" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Dynametric®)	1,623.59	202.93
	22 42 19 00-0007	EA	66-1/4" x 32" x 16", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (American Standard Spectra™)	1,381.85	202.93
	22 42 19 00-0008		Porcelain Enameled Steel, Recessed Alcove Bathtubs *(22 42 19 00-0001)*		
	22 42 19 00-0009	EA	46-1/2" x 27" x 15-1/2", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard Huron™)	630.95	202.93
	22 42 19 00-0010	EA	54" x 30" x 15", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard Mackenzie™)	619.99	202.93
	22 42 19 00-0011	EA	60" x 30" x 14-1/4", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Salem®)	515.24	202.93
	22 42 19 00-0012	EA	60" x 30" x 16-5/8", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Solar®)	528.64	202.93
	22 42 19 00-0013		Porcelain Finished Metal Alloy, Recessed Alcove Bathtubs *(22 42 19 00-0001)*		
	22 42 19 00-0014	EA	60" x 32" x 17-3/4", Porcelain Finished Metal Alloy, Recessed Alcove Bathtub (American Standard Cambridge™)	792.34	202.93
	22 42 19 00-0015		Acrylic, Recessed Alcove Bathtubs *(22 42 19 00-0001)*		
	22 42 19 00-0016	EA	60" x 32" x 19", Acrylic, Recessed Alcove Bathtub (Kohler® Archer®)	817.68	202.93
	22 42 19 00-0017	EA	60" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	979.62	202.93
	22 42 19 00-0018	EA	66" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,000.53	202.93
	22 42 19 00-0019	EA	72" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	987.68	202.93
	22 42 19 00-0020	EA	72" x 42" x 21", Acrylic, Recessed Alcove Bathtub (Kohler® Windward®)	1,033.92	202.93
	22 42 19 00-0021		Bathtub Refinishing *(22 42 19 00-0001)*		
	22 42 19 00-0022	EA	Refinish Porcelain Finished Bathtub With Acrylic Urethane Enamel	390.49	
	22 42 19 00-0023		Tub And Shower Combinations *(22 42 19)*		
	22 42 19 00-0024		Acrylic Tub And Shower Combination *(22 42 19 00-0023)*		
	22 42 19 00-0025	EA	3 Piece, 62" x 30-1/2" x 88" Domed Acrylic Tub And Shower (Crane Plumbing A 6031.21)	1,253.61	75.86
			For 2 Piece Enclosure, Deduct	*-265.94*	
	22 42 19 00-0026	EA	1 Piece, 59-7/8" x 34-1/2" x 79-5/8" Acrylic Tub And Shower (Aqua Glass 626036E)	977.24	75.86
			For 2 Piece Enclosure, Deduct	*-210.67*	
	22 42 19 00-0027		Fiberglass Tub And Shower Combination *(22 42 19 00-0023)*		
	22 42 19 00-0028	EA	1 Piece 60" x 32" x 72" Fiberglass Tub And Shower (Lasco 2603-SG)	672.94	75.86
	22 42 19 00-0029	EA	2 Piece 60" x 30" x 72" Fiberglass Tub And Shower (Lasco 2603-2P)	542.01	50.58
	22 42 19 00-0030	EA	4 Piece 60" x 32" x 75-1/2" Fiberglass Tub And Shower (Lasco 26030-4P)	1,071.78	114.51
22 42 23	**Commercial Showers** *(22 42)*				
	22 42 23 00-0001		Shower Enclosures *(22 42 23)*		
			Note: Includes precast concrete receptors. Excludes plumbing hook-up and door or curtain.		
	22 42 23 00-0002		Stainless Steel Shower Enclosure *(22 42 23 00-0001)*		
	22 42 23 00-0003	EA	36" x 36" x 82" Stainless Steel Interior And Exterior Shower Enclosure, Single Access Front Opening (Crane Plumbing, Fiat S86 Commander)	2,771.13	117.74
	22 42 23 00-0004	EA	36" x 38" x 82" Stainless Steel Interior And Exterior Shower Enclosure, Double Access Walk Through (Crane Plumbing, Fiat S91 Commander)	2,771.13	117.74
	22 42 23 00-0005	EA	37" x 37" x 82" Stainless Steel Interior And Exterior Shower Enclosure, Double Access Corner Opening (Crane Plumbing, Fiat S92 Commander)	2,771.13	117.73
	22 42 23 00-0006	EA	38"x 38" x 82" Stainless Steel Interior And Exterior Shower Enclosure, Single Access Front Opening Corner Model (Crane Plumbing, Fiat S101 Commander)	2,771.13	117.73
	22 42 23 00-0007		Powder Coated Or Baked Enamel Steel Shower Enclosure *(22 42 23 00-0001)*		
	22 42 23 00-0008	EA	39" x 39" x 82" Baked Enamel Wonder Wall Steel Shower Enclosure (Crane Plumbing, Fiat S115 Commander)	3,270.48	117.73
	22 42 23 00-0009	EA	39" x 48" x 82" Baked Enamel Wonder Wall Steel Shower Enclosure (Crane Plumbing, Fiat S125 Commander)	4,275.97	117.73
	22 42 23 00-0010	EA	32" x 32" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	828.39	117.73
	22 42 23 00-0011	EA	36" x 36" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	828.39	117.73
	22 42 23 00-0012	EA	40" x 40" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	1,207.86	117.73
	22 42 23 00-0013	EA	40" x 48" x 82" Handicapped, Baked Enamel Steel Shower Enclosure (General Partitions)	1,320.51	117.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 23 00-0014		**Solid Plastic Core High Density Polymer (HDP) Shower Enclosure** *(22 42 23 00-0001)*		
22 42 23 00-0015	EA	32" x 32" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	1,308.66	117.73
22 42 23 00-0016	EA	36" x 36" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	1,308.66	117.73
22 42 23 00-0017	EA	40" x 40" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	1,842.28	117.73
22 42 23 00-0018	EA	40" x 48" x 82" Handicapped, Solid Plastic Shower Enclosure (General Partitions)	2,049.81	117.73
22 42 23 00-0019		**Commercial Shower Fixture Valves And Heads** *(22 42 23)*		
		See CSI section 22 41 39 00-0011 for residential shower valves and heads.		
22 42 23 00-0020	EA	Removable Hand Held Shower With Hose Wall Hook And Inline Vacuum Breaker (Powers 141-318 with 141-319)	234.30	49.27
22 42 23 00-0021	EA	Concealed Thermostatic/Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 2502-600CP)	499.95	49.27
22 42 23 00-0022	EA	Concealed Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 1762-ISCP)	334.67	49.27
22 42 23 00-0023	EA	Senior Institutional Shower Head (Symmons® 4-150)	132.38	31.68
22 42 23 00-0024	EA	Universal Institutional Shower Head (Symmons® 4-151)	199.63	31.68
22 42 23 00-0025	EA	Fre-Flo Institutional Shower Head (Symmons® 4-295)	144.69	31.68
22 42 23 00-0026	EA	Fre-Flo Institutional Shower Head With Short Arm (Symmons® 4-385)	112.49	31.68
22 42 23 00-0027	EA	Wall Mounted Shower Valve And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-300-B30-V-X)	379.80	47.45
22 42 23 00-0028	EA	Wall Mounted Shower Valve, Tub Faucet, And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-400-B30-V-X)	397.56	54.75
22 42 23 00-0029	EA	Wall Mounted Shower Valve, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-500-B30-V-X)	490.16	54.75
22 42 23 00-0030	EA	Wall Mounted Shower Valve, Tub Faucet, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-600-B30-V-X)	505.56	58.39
22 42 23 00-0031	EA	24" Stainless Steel Slide Rail For Handheld Shower	120.70	31.68
22 42 23 00-0032	EA	Stainless Steel Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-801S/1-802S)	617.59	49.27
		For Hand Spray, Hose And Wall Hooks, Add	*106.44*	
		For Recessed Soap Dish, Add	*108.12*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*165.51*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 23 00-0033	EA	Stainless Steel Corner Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-807)	727.49	49.27
		For Hand Spray, Hose And Wall Hooks, Add	*106.44*	
		For Recessed Soap Dish, Add	*108.12*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*165.51*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 23 00-0034	EA	Stainless Steel Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S)	503.39	49.27
		For Hand Spray, Hose And Wall Hooks, Add	*19.32*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*78.39*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 23 00-0035	EA	Stainless Steel Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-911RS)	743.40	49.27
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 23 00-0036	EA	Stainless Steel Double Outlet Institutional Shower System With Thru-Ceiling Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-902S-FS)	760.36	49.27
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 23 00-0037	EA	Stainless Steel Institutional Triple Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-931)	1,439.56	49.27
		For Recessed Soap Dish, Add	*83.94*	
		For Pressure Balance And Metering Combination, Add	*227.79*	
22 42 23 00-0038	EA	Stainless Steel Institutional Double Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-921)	1,261.59	49.27
		For Recessed Soap Dish, Add	*83.94*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 23 00-0039	EA	Stainless Steel Tub And Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-941-231)	624.55	49.27
22 42 23 00-0040	EA	Stainless Steel Double Outlet Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Hand Spray, Hose, Wall Hooks, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-912RS-FS)	940.74	49.27
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 23 00-0041	EA	Stainless Steel Single Supply Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-60)	529.95	49.27
22 42 23 00-0042	EA	Stainless Steel Single Supply Single Outlet Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-22-FS)	561.20	49.27
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
22 42 23 00-0043		**1 Piece Shower Units** *(22 42 23)*		
22 42 23 00-0044	EA	1 Piece, 32" x 32" x 73" Fiberglass Shower With Drain (Swanstone FS03232)	639.32	75.86
22 42 23 00-0045	EA	1 Piece, 36" x 36" x 73" Fiberglass Shower With Drain (Swanstone FS03636)	706.37	75.86
22 42 23 00-0046		**Personnel Type Shower Receptors** *(22 42 23)*		
22 42 23 00-0047		**Acrylic Shower Receptors** *(22 42 23 00-0046)*		
22 42 23 00-0048	EA	36" x 36" Acrylic Shower Receptor	352.60	29.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 23 00-0049	EA	42" x 42" Acrylic Shower Receptor	373.74	29.74
22 42 23 00-0050	EA	48" x 48" Acrylic Shower Receptor	415.96	29.74
22 42 23 00-0051	EA	60" x 60" Acrylic Shower Receptor	506.15	35.69
22 42 23 00-0052	EA	48" x 32" Acrylic Shower Receptor	353.60	29.74
22 42 23 00-0053	EA	48" x 36" Acrylic Shower Receptor	381.40	29.74
22 42 23 00-0054	EA	48" x 42" Acrylic Shower Receptor	433.12	29.74
22 42 23 00-0055	EA	60" x 30" Acrylic Shower Receptor	644.99	76.75
22 42 23 00-0056	EA	60" x 32" Acrylic Shower Receptor	479.84	35.69
22 42 23 00-0057	EA	60" x 36" Acrylic Shower Receptor	483.42	35.69
22 42 23 00-0058	EA	60" x 42" Acrylic Shower Receptor	486.70	35.69
22 42 23 00-0059	EA	60" x 48" Acrylic Shower Receptor	538.10	35.69
22 42 23 00-0060	EA	37-1/2" x 37-1/2" Acrylic Corner Shower Receptor	522.05	29.74
22 42 23 00-0061	EA	42" x 42" Acrylic Corner Shower Receptor	601.84	29.74
22 42 23 00-0062	EA	47-1/2" x 47-1/2" Acrylic Corner Shower Receptor	924.01	72.92

22 42 23 00-0063 Molded Stone Shower Receptors *(22 42 23 00-0046)*

22 42 23 00-0064	EA	32" x 32" Molded Stone Shower Receptor (Crane/Fiat 32WL)	229.67	29.74
22 42 23 00-0065	EA	34" x 34" Molded Stone Shower Receptor (Crane/Fiat 34WL)	241.60	29.74
22 42 23 00-0066	EA	36" x 36" Molded Stone Shower Receptor (Crane/Fiat 36WL)	242.93	29.74
22 42 23 00-0067	EA	42" x 42" Molded Stone Shower Receptor (Crane/Fiat 4242WL)	301.91	29.74
22 42 23 00-0068	EA	42" x 34" Molded Stone Shower Receptor (Crane/Fiat 42WL)	266.12	29.74
22 42 23 00-0069	EA	48" x 32" Molded Stone Shower Receptor (Crane/Fiat 4832WL)	282.69	29.74
22 42 23 00-0070	EA	48" x 34" Molded Stone Shower Receptor (Crane/Fiat 48WL)	284.68	29.74
22 42 23 00-0071	EA	54" x 34" Molded Stone Shower Receptor (Crane/Fiat 54WL)	329.01	35.69
22 42 23 00-0072	EA	60" x 34" Molded Stone Shower Receptor (Crane/Fiat 60WL)	341.61	35.69
22 42 23 00-0073	EA	36" x 36" Molded Stone Corner Shower Receptor (Crane/Fiat 36WLC)	269.43	29.74
22 42 23 00-0074	EA	38" x 38" Molded Stone Corner Shower Receptor (Crane/Fiat 38WLC)	276.72	29.74

22 42 23 00-0075 Precast Terrazzo Shower Receptors *(22 42 23 00-0046)*

22 42 23 00-0076	EA	30" x 30" Precast Terrazzo Shower Receptor	445.71	29.74
22 42 23 00-0077	EA	32" x 32" Precast Terrazzo Shower Receptor	463.60	29.74
22 42 23 00-0078	EA	34" x 34" Precast Terrazzo Shower Receptor	480.17	29.74
22 42 23 00-0079	EA	36" x 36" Precast Terrazzo Shower Receptor	482.16	29.74
22 42 23 00-0080	EA	40" x 40" Precast Terrazzo Shower Receptor	529.21	29.74
22 42 23 00-0081	EA	42" x 42" Precast Terrazzo Shower Receptor	553.07	29.74
22 42 23 00-0082	EA	48" x 48" Precast Terrazzo Shower Receptor	783.69	29.74
22 42 23 00-0083	EA	36" x 32" Precast Terrazzo Shower Receptor	476.19	29.74
22 42 23 00-0084	EA	42" x 32" Precast Terrazzo Shower Receptor	485.69	29.74
22 42 23 00-0085	EA	42" x 34" Precast Terrazzo Shower Receptor	502.70	29.74
22 42 23 00-0086	EA	42" x 36" Precast Terrazzo Shower Receptor	523.91	29.74
22 42 23 00-0087	EA	32" x 48" Precast Terrazzo Shower Receptor	525.90	29.74
22 42 23 00-0088	EA	48" x 34" Precast Terrazzo Shower Receptor	553.07	29.74
22 42 23 00-0089	EA	48" x 36" Precast Terrazzo Shower Receptor	572.95	29.74
22 42 23 00-0090	EA	54" x 32" Precast Terrazzo Shower Receptor	580.24	29.74
22 42 23 00-0091	EA	60" x 30" Precast Terrazzo Shower Receptor	786.70	35.69
22 42 23 00-0092	EA	60" x 32" Precast Terrazzo Shower Receptor	861.89	35.69
22 42 23 00-0093	EA	60" x 34" Precast Terrazzo Shower Receptor	865.58	35.69
22 42 23 00-0094	EA	60" x 36" Precast Terrazzo Shower Receptor	869.25	35.69
22 42 23 00-0095	EA	32" x 32" Precast Terrazzo Corner Shower Receptor	484.81	29.74
22 42 23 00-0096	EA	34" x 34" Precast Terrazzo Corner Shower Receptor	485.69	29.74
22 42 23 00-0097	EA	36" x 36" Precast Terrazzo Corner Shower Receptor	487.46	29.74
22 42 23 00-0098	EA	40" x 40" Precast Terrazzo Corner Shower Receptor	587.53	29.74
22 42 23 00-0099	EA	36" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,081.24	29.74
22 42 23 00-0100	EA	60" x 30", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,202.45	35.69
22 42 23 00-0101	EA	60" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,254.14	35.69

22 42 23 00-0102 Shower Receptors Accessories *(22 42 23 00-0046)*

22 42 23 00-0103	SF	PVC Shower Pan Liner	2.80	

22 42 23 00-0104 Removal And Reinstallation Of Fixtures And Trim *(22 42 23)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 23 00-0105	EA	Remove And Reinstall Shower Head	35.69	

22 42 33 Wash Fountains *(22 42)*

22 42 33 00-0001 Circular Wash Fountain, Deep Bowl *(22 42 33)*

Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.

22 42 33 00-0002	EA	36" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2705F-A-LSD)	6,091.49	122.93
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0003	EA	36" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2805F-A-LSD)	4,299.25	122.93
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0004	EA	36" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3105AIRLSDE)	7,535.20	122.93
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 33 00-0005	EA	54" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2708F-A-LSD)	7,762.22	140.49
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0006	EA	54" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2808F-A-LSD)	4,961.92	140.49
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0007	EA	54" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3108AIRLSDE)	9,034.92	140.49
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0008		Semi-Circular Wash Fountain, Deep Bowl *(22 42 33)*		
		Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.		
22 42 33 00-0009	EA	36" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2703F-A-LSD)	5,314.58	105.38
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0010	EA	36" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2803F-A-LSD)	3,931.49	105.38
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0011	EA	36" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3103AIRLSDE)	5,702.49	105.38
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0012	EA	54" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2704F-A-LSD)	6,520.67	122.93
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0013	EA	54" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2804F-A-LSD)	4,747.74	122.93
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0014	EA	54" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3104AIRLSDE)	6,785.74	122.93
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 39		**Commercial Faucets, Supplies, And Trim** *(22 42)*		
22 42 39 00-0001		Other Trim *(22 42 39)*		
22 42 39 00-0002	EA	Lavatory Drainline Guard And Shutoff Covers	73.46	10.95
22 42 39 00-0003	EA	Faucet Aerator, Male Thread 13/16" Male, 2 GPM (Delta RP330)	11.99	3.97
22 42 39 00-0004	EA	1-1/2" Pop-up Tailpiece (Chicago Faucet 226-ACP)	71.10	11.89
22 42 39 00-0005	EA	Basket Strainer Assembly (American Standard 055781-0070A)	31.55	9.91
22 42 39 00-0006	EA	1-1/4" Chrome Plated Cast P-Trap With Or Without Cleanout	85.51	20.73
22 42 39 00-0007	EA	1-1/2" Chrome Plated Cast P-Trap With Or Without Cleanout	87.29	21.90
22 42 39 00-0008	EA	1-1/2" Cast Brass P-Trap With Cleanout	141.98	21.90
22 42 39 00-0009		Kitchen Faucets *(22 42 39)*		
22 42 39 00-0010	EA	Top Cast Kitchen Faucet, Single Handle, Chrome Finish, Delta 140-WF	126.63	36.50
22 42 39 00-0011	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Chrome Finish, Delta 440-WF	142.96	36.50
22 42 39 00-0012	EA	Top Cast Kitchen Faucet, Single Handle, Stainless Steel Finish, Delta Brilliance 140-SSWF	159.08	36.50
22 42 39 00-0013	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Stainless Steel Finish, Delta Brilliance 440 -SSWF	180.95	36.50
22 42 39 00-0014	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, 8" Center, Lever Handles, Delta 2102-LHP+H24	116.40	36.50
22 42 39 00-0015	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, 8" Center, Lever Handles, Delta 2402-LHP+H24	128.78	36.50
22 42 39 00-0016	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles, Delta 2176-LHP+H24	159.37	36.50
22 42 39 00-0017	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles, Delta 2476-LHP+H24	179.63	36.50
22 42 39 00-0018	EA	Bottom Mount Kitchen Faucet, Single Handle, Chrome Finish, Delta 101-WF	116.17	36.50
22 42 39 00-0019	EA	Bottom Mount Kitchen Faucet With Spray, Single Handle, Chrome Finish, Delta 175-WF	136.26	36.50
22 42 39 00-0020	EA	Bottom Mount Kitchen Faucet, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles, Delta 2274-LHP+H24	220.34	36.50
22 42 39 00-0021	EA	Bottom Mount Kitchen Faucet With Spray, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles, Delta 2276-LHP+H24	240.62	36.50
22 42 39 00-0022	EA	Wall Mount Kitchen Faucet, Two Handle, 11" Long Swing Spout, Delta 28T6943	191.92	36.50
22 42 39 00-0023	EA	Wall Mount Kitchen Faucet, 8" Center, With 14" Double Joint Spout, Delta 28T4433	170.06	36.50
22 42 39 00-0024	EA	Deck Mount Sink Faucet, 8" Center Set, Lever Handles (Chicago Faucet 1100 CP)	215.84	39.64
22 42 39 00-0025	EA	Deck Mount Sink Faucet, 8" Center Set, 4" Wristblade Handles (Chicago Faucet 1100-GN2AE3-317CP)	211.53	39.64
22 42 39 00-0026	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041CR)	409.18	36.50
22 42 39 00-0027	EA	Brushed Nickle Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041NK)	515.71	36.50
22 42 39 00-0028	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041RB)	551.22	36.50
22 42 39 00-0029	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041CR)	481.54	36.50
22 42 39 00-0030	EA	Brushed Nickle Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041NK)	609.51	36.50
22 42 39 00-0031	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041RB)	652.39	36.50
22 42 39 00-0032		Lavatory Faucets *(22 42 39)*		
22 42 39 00-0033	EA	4" Centerset Lavatory Faucet With Chrome Lever Handle, Delta 501-WF	103.21	26.27
22 42 39 00-0034	EA	4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles, Delta 2521-LHP+H25	126.13	26.27

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0035	EA	4" Centerset Lavatory Gooseneck Faucet With Chrome Lever Handles, Delta 2530-LHP+H24	137.56	26.27
22 42 39 00-0036	EA	Widespread Lavatory Faucet With Chrome Lever Handles, Delta 3543-LHP+H24	167.08	26.27
22 42 39 00-0037	EA	Widespread Lavatory Gooseneck Faucet With Chrome Lever Handles, Delta 3530-LHP+H24	193.31	26.27
22 42 39 00-0038	EA	Self Closing/Metered Faucet, Brass, Single Hole, Push Handle, Delta 86T104	116.39	26.27
22 42 39 00-0039	EA	Self Closing/Metered Faucet, Double Hole, Push Handles (American Standard 1340.225.002)	161.18	26.27
22 42 39 00-0040	EA	Single Inlet, Push Handle Metering Faucet, ADA (Chicago Faucet 333-665)	148.50	28.07
22 42 39 00-0041	EA	Easy-Push Metering Faucet Wash-Up Fitting (Speakman S-4123)	141.32	26.27
22 42 39 00-0042	EA	Easy-Push Metering 4" Centerset Faucet (Speakman S-4141-LD)	229.93	26.27
22 42 39 00-0043	EA	Easy-Push Metering Widespread Faucet (Speakman S-4171-LD)	292.03	26.27
22 42 39 00-0044	EA	3" Reach, 4-Arm Handle Single Basin Faucet (T&S Brass 0710)	85.67	26.27
22 42 39 00-0045	EA	3" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0712)	123.05	26.27
22 42 39 00-0046	EA	4" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0805)	121.15	26.27

22 42 39 00-0047 Bath And Shower Faucets *(22 42 39)*

22 42 39 00-0048 Bath And Shower Faucets With Valve Body *(22 42 39 00-0047)*

22 42 39 00-0049	EA	Single Lever Handle Chrome Tub Filler, Pressure-Balance (American Standard T480 500)	129.96	31.68
22 42 39 00-0050	EA	Single Lever Handle, Chrome Shower Only, Pressure-Balance (American Standard T480.501)	145.99	31.68
22 42 39 00-0051	EA	Single Lever Handle, Chrome Shower And Tub Filler, Pressure-Balance (American Standard T480.502)	159.06	31.68
22 42 39 00-0052	EA	Two Lever Handle, Chrome Tub Filler (American Standard 3275.505)	118.72	31.68
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0053	EA	Two Lever Handle, Chrome Shower Only (American Standard 3275.501)	119.63	31.68
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0054	EA	Two Lever Handle, Chrome Shower And Tub Filler (American Standard 3275.502)	134.76	31.68
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0055	EA	Three Lever Handle, Chrome Shower And Tub Filler (American Standard 3375.502)	150.20	31.68
		For Faucet With Metal Cross Handles, Add	*45.75*	

22 42 39 00-0056 Service Sink Faucets *(22 42 39)*

22 42 39 00-0057	EA	3" Spout, Wall Mount Service Sink Faucet, Lever Handles, American Standard 8340.235	189.84	60.77
22 42 39 00-0058	EA	3" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet, Lever Handles, American Standard 8340.243	208.85	60.77
22 42 39 00-0059	EA	6" Spout With Vacuum Breaker And Top Brace, Wall Mount Service Sink Faucet, Lever Handles, American Standard 8344.112	227.26	60.77
22 42 39 00-0060	EA	6" Spout With Bottom Fork Brace, Wall Mount Service Sink Faucet, Stops In Integral Arm, Wrist Blade Handles, American Standard 8345.101	316.03	85.19
22 42 39 00-0061	EA	6" Spout With Vacuum Break And Bottom Fork Brace, Wall Mount Service Sink Faucet, Stops In Integral Arm, Wrist Blade Handles, American Standard 8345.110	354.46	97.09
22 42 39 00-0062	EA	8" Spout With Vacuum Break And Bottom Fork Brace, Wall Mount Service Sink Faucet, Stops In Integral Arm, Wrist Blade Handles, American Standard 8345.119	368.12	97.09
22 42 39 00-0063	EA	Wall Mount Service Sink Faucet With Atmospheric Vacuum Breaker Spout, Lever Handles (Chicago Faucet 305-VBRCF)	231.57	60.77
22 42 39 00-0064	EA	44" Flexible Stainless Steel Hose With Insulated Handle, 23" Riser, Pre-Rinse Faucet (Chicago Faucet 923-LCP)	430.28	97.09

22 42 39 00-0065 Laboratory Faucets And Fittings *(22 42 39)*

22 42 39 00-0066	EA	Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 927)	118.08	25.84
22 42 39 00-0067	EA	Hot And Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 929)	191.22	36.50
22 42 39 00-0068	EA	Hot And Cold Faucet With Vacuum Breaker, Single Deck Mount Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 930)	246.08	36.50
22 42 39 00-0069	EA	Cold Wall Mount, Gooseneck Spout With Aerator, Laboratory Faucet (Chicago Faucet 933)	154.17	34.09
22 42 39 00-0070	EA	Hot And Cold Wall Mount, 6" Spout With Aerator, Laboratory Faucet (Chicago Faucet 940)	212.60	48.62
22 42 39 00-0071	EA	Hot And Cold Wall Mount, 6" Spout With Aerator And Vacuum Breaker, Laboratory Faucet (Chicago Faucet 940-VBE7-CP)	279.15	48.62
22 42 39 00-0072	EA	Hot And Cold Faucet, Dual Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 946)	222.44	36.50
22 42 39 00-0073	EA	Hot And Cold Wall Mount, Gooseneck Spout With Aerator Laboratory Faucet (Chicago Faucet 942)	222.86	48.62
22 42 39 00-0074	EA	Single Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 350-CP)	140.84	28.07
22 42 39 00-0075	EA	Dual Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 50-CP)	197.83	39.64
22 42 39 00-0076	EA	Deck Mount Lavatory Faucet, 4" Center Set, Lever Handles (Chicago Faucet 802)	158.03	39.64
22 42 39 00-0077	EA	Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 895-317CP)	187.06	39.64
22 42 39 00-0078	EA	Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 802-317CP)	185.55	39.64
22 42 39 00-0079	EA	Gas Ball Valve, Removable Nozzle, Less Index Button (Chicago Faucet 909-LESS216-28CP)	57.23	24.38
22 42 39 00-0080	EA	Gas Ball Valve, Removable Nozzle, With Index Button (Chicago Faucet 909-AGVCP)	55.45	24.38
22 42 39 00-0081	EA	Dual Service Lab Fitting, Two Gas And One Water Outlet (Chicago Faucet 1332-CP)	305.64	43.79
22 42 39 00-0082	EA	Dual Service Lab Fitting With Wristblade Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-317CP)	305.64	43.79
22 42 39 00-0083	EA	Dual Service Lab Fitting With Metal Cross Handle, Inline Vacuum Breaker, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7-204CP)	384.71	43.79
22 42 39 00-0084	EA	Dual Service Lab Fitting With Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7CP)	343.11	43.79
22 42 39 00-0085	EA	Dual Service Lab Fitting With Chemical Resistant Coating And Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7SAM)	461.86	43.79

22 42 39 00-0086 Bubblers And Glass Fillers *(22 42 39)*

22 42 39 00-0087	EA	Self-Closing Bubbler Faucet, Metering Handle (Chicago Faucet 748-665CP)	196.19	25.84
22 42 39 00-0088	EA	Wall Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 313-CP)	121.23	34.09
22 42 39 00-0089	EA	7" Overall Outlet Height, Deck Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 709-CP)	137.69	25.84
22 42 39 00-0090	EA	Wall Mount, Push Button Single Glass Filler (Chicago Faucet 324-CP)	133.52	37.03
22 42 39 00-0091	EA	Deck Mount, Lever Handle Drinking Faucet (Haws 5054LF)	170.72	28.07
22 42 39 00-0092	EA	Self Closing Lever Handle Drinking Bubbler, 1/2" IPS (Haws 5057LF)	247.93	28.07
22 42 39 00-0093	EA	Push Button Bubbler, 1/2" OD (Haws 5017LF)	170.72	28.07
22 42 39 00-0094	EA	Push Button Bubbler, 3/8" NPT (Haws 5010-6427)	179.95	28.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0095		Electronic Infrared Sensor Faucets *(22 42 39)*		
22 42 39 00-0096	EA	Electronic Lavatory Faucet (American Standard 6055.205.002)	371.00	60.88
		For Faucet With Temperature Control, Add	*40.00*	
22 42 39 00-0097	EA	Electronic Lavatory Gooseneck Faucet (American Standard 6055.105.002)	373.96	60.88
		For Faucet With Temperature Control, Add	*40.00*	
22 42 39 00-0098	EA	Electronic Gooseneck Faucets (Chicago Faucet 116.103.AB.1)	506.36	66.14
22 42 39 00-0099	EA	Electronic Lavatory Faucet (Chicago Faucet 116.112.AB.1)	504.41	60.88
22 42 39 00-0100		Removal And Reinstallation Of Fixtures And Trim *(22 42 39)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 39 00-0101	EA	Remove And Reinstall Faucet	63.44	
22 42 43		**Flushometers** *(22 42)*		
22 42 43 00-0001		Removal And Reinstallation Of Fixtures And Trim *(22 42 43)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 43 00-0002	EA	Remove And Reinstall Flush Valve	99.12	
22 42 46		**Chemical Toilets** *(22 42)*		
		Note: Includes toilet, urinal, holding tank, and ventilation system. Building to be priced separately.		
22 42 46 00-0001		Standard Chemical Toilets *(22 42 46)*		
22 42 46 00-0002		Small Tank Chemical Toilets *(22 42 46 00-0001)*		
22 42 46 00-0003	EA	Chemical Toilet, Small Tank 7000 Uses/Year	3,067.95	729.95
		For Extra Urinal, Add	*102.41*	
22 42 46 00-0004		Medium Tank Chemical Toilets *(22 42 46 00-0001)*		
22 42 46 00-0005	EA	Chemical Toilet, Medium Tank 13000 Uses/Year	3,643.85	869.38
		For Extra Urinal, Add	*121.07*	
22 42 46 00-0006		Large Tank Chemical Toilets *(22 42 46 00-0001)*		
22 42 46 00-0007	EA	Chemical Toilet, Large Tank 28000 Uses/Year	4,474.68	986.17
		For Extra Urinal, Add	*171.57*	
22 43		Healthcare Plumbing Fixtures *(22 40)*		
22 43 13		**Healthcare Water Closets** *(22 43)*		
22 43 13 00-0001		Healthcare Water Closets *(22 43 13)*		
22 43 13 00-0002	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Priolo® ADA)	618.53	75.91
22 43 13 00-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Madera™ ADA)	476.02	75.91
22 43 16		**Healthcare Sinks** *(22 43)*		
22 43 16 00-0001		Healthcare Sinks *(22 43 16)*		
		Note: Includes trap, drain and supply valves. Excludes faucets and flush valves.		
22 43 16 00-0002	EA	25" x 21", Wall Mounted, Blow Out Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	1,010.87	48.91
22 43 16 00-0003	EA	29" x 20", Floor Mounted, Siphon Jet Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	1,070.43	140.52
22 43 16 00-0004	EA	28" x 22", Wall Mounted, Vitreous China Surgeon's Scrub Sink (American Standard)	968.24	48.91
		For Painted Bracket Supports, Add	*19.47*	
22 43 16 00-0005	EA	20" x 17", Wall Mounted, Vitreous China Intensive Care Unit Sink (American Standard)	840.35	48.91
22 43 39		**Healthcare Faucets** *(22 43)*		
22 43 39 00-0001		Medical Faucet Spouts *(22 43 39)*		
22 43 39 00-0002	EA	Deck Mounted, Rigid Gooseneck Medical Lavatory Spout (American Standard 7522)	83.64	10.95
22 43 39 00-0003		Centerset Medical Faucets *(22 43 39)*		
22 43 39 00-0004	EA	Rigid Gooseneck Centerset Medical Lavatory Faucet, 8" Centers 6" Wrist Action Handles, Adjustable Centers (T&S Model B-0865-04)	245.96	53.58
22 43 39 00-0005	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet, 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S Model B-0866-04)	256.09	53.58
22 43 39 00-0006	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet With Aerator 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S Model B-0867-04)	239.62	53.58
22 43 39 00-0007	EA	Surgical Sink Rigid Gooseneck Faucets, 8" Centers, 6" Wrist Action Handles (T&S Model B-0322-04)	228.22	53.58
22 43 39 00-0008	EA	Surgical Sink Rigid Gooseneck Faucets With Stream Regulator Outlet, 8" Centers, 6" Wrist Action Handles (T&S Model B-0323-04)	219.67	53.58
22 43 39 00-0009		Electronic Proximity Medical Faucets *(22 43 39)*		
22 43 39 00-0010	EA	DC Or Plug-In AC Powered, Single Inlet, Electronic Proximity Medical Lavatory Faucet (American Standard Selectronic™ ICU)	489.79	53.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 43 39 00-0011		**Bedpan Washers** *(22 43 39)*		
22 43 39 00-0012	EA	Self Closing Pedal Valve Bed Pan Washer, With Volume Control, Vacuum breaker, Wall Hook Hose Connection, PVC Hose (T&S Model B-0675)	679.74	97.38
22 43 39 00-0013	EA	Pedal Valve Bed Pan Washer With Volume Control Valve, Vacuum Breaker, Wall Hook Hose Connection, Extended Spray PVC Hose (T&S Model B-0676)	647.74	97.38
22 43 39 00-0014	EA	Self Closing Single Pedal Valve Bed Pan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection PVC Hose (T&S Model B-0685)	604.98	97.38
22 43 39 00-0015	EA	Single Pedal Valve Bed Pan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, PVC Hose, Extended Spray (T&S Model B-0686)	581.49	97.38
22 43 39 00-0016		**Foot And Knee Faucet Controls** *(22 43 39)*		
22 43 39 00-0017	EA	Single Supply Metering Pedal Valve (Chicago Faucet 628)	260.35	97.38
22 43 39 00-0018	EA	Double Supply Metering Pedal Valve (Chicago Faucet 625)	300.48	97.38
22 43 39 00-0019	EA	Knee Actuated Metering Mixing Valve (Chicago Faucet 745-VOCP)	609.82	97.38
22 43 43		**Healthcare Plumbing Fixture Flushometers** *(22 43)*		
22 43 43 00-0001		**Healthcare Plumbing Fixture Flushometers** *(22 43 43)*		
22 43 43 00-0002	EA	Exposed Manual Service Sink Flush Valve (Sloan Royal-117)	189.33	24.89
22 43 43 00-0003	EA	Exposed Manual Water Closet Flush Valve With Bedpan Washer (Sloan Slimline BPW)	438.09	24.89
22 45		**Emergency Plumbing Fixtures** *(22 40)*		
22 45 13		**Emergency Showers** *(22 45)*		
22 45 13 00-0001		**Emergency Shower** *(22 45 13)* Note: Includes one pull rod.		
22 45 13 00-0002	EA	Emergency Shower, Vertically Mounted (Speakman SE-220)	382.08	116.79
22 45 13 00-0003	EA	Emergency Shower, Horizontally Mounted (Speakman SE-227)	512.29	116.79
22 45 13 00-0004	EA	Emergency Shower, Floor Mounted (Speakman SE-253)	1,011.46	182.49
22 45 13 00-0005	EA	Single Head Drench Shower, Floor Mounted With Plastic Showerhead (Haws 8100)	708.27	127.75
22 45 13 00-0006	EA	Drench Shower, Freeze-Resistant With Plastic Showerhead (Haws 8111FP)	837.86	127.75
22 45 13 00-0007	EA	Single Head Drench Shower With Plastic Showerhead And Pull (Haws 8122H)	551.54	73.00
22 45 13 00-0008	EA	Single Head Drench Shower With Plastic Showerhead And Pull (Haws 8122V)	357.76	73.00
22 45 13 00-0009	EA	Single Head Drench Shower With Stainless Showerhead And Pull (Haws 8123V)	424.47	73.00
22 45 13 00-0010	EA	Stainless Steel Deluge Shower Head (Haws 8127FC)	282.65	36.50
22 45 13 00-0011	EA	ABS Plastic Deluge Shower Head (Haws 8129FC)	150.29	36.50
22 45 13 00-0012	EA	Single Head Drench Shower With Plastic Showerhead And Pull (Haws 8130H)	678.59	73.00
22 45 13 00-0013	EA	Single Head Drench Shower With Plastic Showerhead And Pull (Haws 8130V)	582.24	73.00
22 45 13 00-0014	EA	Single Head Drench Shower With Stainless Showerhead And Pull (Haws 8133H)	960.25	73.00
22 45 13 00-0015	EA	Single Head Drench Shower With Stainless Showerhead And Pull (Haws 8133V)	960.25	73.00
22 45 13 00-0016	EA	Single Head Drench Shower (Haws 8169)	667.43	91.25
22 45 13 00-0017		**Emergency Shower Accessories** *(22 45 13)*		
22 45 13 00-0018	EA	Privacy Curtain For Emergency Showers Note: Curtain includes stainless steel curtain rod and mounting accessories.	566.06	529.56
22 45 13 00-0019	EA	Concealed Thermostatic Control Valve (Powers T426)	202.32	49.27
22 45 16		**Eyewash Equipment** *(22 45)*		
22 45 16 00-0001		**Emergency Eye/Face Wash** *(22 45 16)*		
22 45 16 00-0002	EA	Emergency Eye/Face Wash, Wall Mounted (Speakman SE-495)	492.20	109.49
22 45 16 00-0003	EA	Emergency Eye/Face Wash, Floor Mounted (Speakman SE-496)	819.72	182.49
22 45 16 00-0004	EA	Eye Wash Fountain (Haws 7655WC)	2,060.30	145.99
22 45 16 00-0005	EA	Stainless Steel Pedestal Mount Eye-Face Wash (Haws 7720)	994.65	91.25
22 45 16 00-0006	EA	Stainless Steel Barrier-free Wall Mount Eye-Face Wash (Haws 7752)	1,241.36	91.25
22 45 16 00-0007	EA	Stainless Steel Unmounted Eye-Face Wash (Haws 7760)	727.81	91.25
22 45 16 00-0008	EA	Stainless Steel Wall Mount Eye-Face Wash (Haws 7760B)	835.81	91.25
22 45 16 00-0009	EA	Stainless Steel Wall Mount Eye-Face Wash Fountain (Haws 7760BT)	954.83	145.99
22 45 33		**Combination Emergency Fixture Units** *(22 45)*		
22 45 33 00-0001		**Emergency Shower With Eye/Face Wash** *(22 45 33)*		
22 45 33 00-0002	EA	Emergency Shower With Eye/Face Wash, Floor Mounted (Speakman SE-695)	910.87	182.49
22 45 33 00-0003	EA	ADA Shower/Eye-Wash Station (Haws 8200WC)	1,657.93	145.99
22 45 33 00-0004	EA	Shower/Eye-Wash With Railing (Haws 8400)	3,486.09	235.41
22 45 33 00-0005	EA	Shower And Eye/Face-Wash (Haws 8347)	1,740.41	235.41
22 45 33 00-0006	EA	Shower And Eye/Face-Wash (Haws 8346)	1,730.88	235.41
22 45 33 00-0007	EA	Stainless Steel Shower And Eye/Face-Wash Station (Haws 8330)	3,536.26	235.41
22 45 33 00-0008	EA	ADA Shower/Eye-Wash Station (Haws 8327WC)	1,387.96	145.99
22 45 33 00-0009	EA	Shower/Eye-Wash Station (Haws 8320)	1,213.20	145.99
22 45 33 00-0010	EA	Combo Drench Shower (Haws 8300FP)	1,288.27	235.41
22 45 33 00-0011	EA	Shower/Eye -Wash Station (Haws 8300)	1,276.73	145.99
22 47		**Drinking Fountains And Water Coolers** *(22 40)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 13		**Drinking Fountains** *(22 47)*		
22 47 13 00-0001		Indoor Drinking Fountains *(22 47 13)*		
22 47 13 00-0002		Face Mounted Indoor Drinking Fountain *(22 47 13 00-0001)*		
22 47 13 00-0003	EA	Stainless Steel, Standard Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-S)	1,403.40	118.62
22 47 13 00-0004	EA	Stainless Steel, Standard Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-SBP)	1,672.59	127.75
22 47 13 00-0005	EA	Stainless Steel, Extended Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-E)	1,585.03	118.62
22 47 13 00-0006	EA	Stainless Steel, Extended Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-EBP)	1,699.80	127.75
22 47 13 00-0007	EA	Stainless Steel, Standard Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFS)	931.33	118.62
22 47 13 00-0008	EA	Stainless Steel, Standard Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners With Back Panel (Halsey-Taylor HRFSBP)	1,106.63	127.75
22 47 13 00-0009	EA	Stainless Steel, Extended Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFE)	1,007.66	118.62
22 47 13 00-0010	EA	Stainless Steel, Extended Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFEBP)	1,127.69	127.75
22 47 13 00-0011		Wall Mounted Indoor Drinking Fountain *(22 47 13 00-0001)*		
22 47 13 00-0012	EA	Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor 5701)	957.46	127.75
22 47 13 00-0013		Semi-Recessed Indoor Drinking Fountain *(22 47 13 00-0001)*		
22 47 13 00-0014	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler (Halsey-Taylor 5801)	1,294.22	136.86
22 47 13 00-0015	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler And Cuspidor (Halsey-Taylor 5801C)	2,813.12	136.86
22 47 13 00-0016		Fully Recessed Indoor Drinking Fountain *(22 47 13 00-0001)*		
22 47 13 00-0017	EA	Stainless Steel Fully-Recessed, With Bubbler, Indoor Drinking Fountain (Halsey-Taylor 8880, Haws 2400)	1,384.43	145.99
22 47 13 00-0018	EA	Stainless Steel Fully-Recessed, With Bubbler And Cuspidor, Indoor Drinking Fountain (Halsey-Taylor 8800 With 10245, Haws 2403)	2,549.71	145.99
22 47 13 00-0019		Countertop Indoor Drinking Fountain *(22 47 13 00-0001)*		
22 47 13 00-0020	EA	Stainless Steel Countertop Circular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 10000)	567.70	91.25
22 47 13 00-0021	EA	Stainless Steel Countertop Rectangular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6000)	545.76	91.25
22 47 13 00-0022	EA	Stainless Steel Countertop Oval Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6028)	665.98	91.25
22 47 13 00-0023		Bowl And Bracket Indoor Drinking Fountain *(22 47 13 00-0001)*		
22 47 13 00-0024	EA	Stainless Steel, Bowl And Bracket With Pushbutton Bubbler, Indoor Drinking Fountain (Halsey-Taylor 2501A)	399.23	91.25
22 47 13 00-0025	EA	Stainless Steel, Bowl And Bracket, Self Closing Lever Handle Stop, Indoor Drinking Fountain (Halsey-Taylor 4540)	519.44	91.25
22 47 13 00-0026		Multi-Station Indoor Drinking Fountain *(22 47 13 00-0001)*		
22 47 13 00-0027	EA	Stainless Steel Two Station Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7020)	2,650.62	145.99
22 47 13 00-0028	EA	Stainless Steel Three Station Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7030)	2,891.05	145.99
22 47 13 00-0029	EA	Marblyte, Face-Mounted Two Station Indoor Drinking Fountain With Bubblers (Halsey-Taylor 7120)	2,217.15	145.99
22 47 13 00-0030	EA	White Enameled Iron Two Station Indoor Drinking Fountains With Bubblers (Haws 1430)	1,818.78	145.99
22 47 13 00-0031	EA	White Enameled Iron Three Station Indoor Drinking Fountains With Bubblers (Haws 1435)	2,321.57	145.99
22 47 13 00-0032	EA	Stainless Steel, Bi-Level Indoor Drinking Fountain With Bubblers And Back Panel (Halsey-Taylor HRFSEBP, Haws 1119.14 With 6700.4)	2,011.33	186.23
22 47 13 00-0033	EA	Cast Aluminum Two Station Indoor Drinking Fountains With Bubblers (Haws 1441)	2,684.63	145.99
22 47 13 00-0034	EA	Cast Aluminum Three Station Indoor Drinking Fountains With Bubblers (Haws 1408)	2,832.60	145.99
22 47 13 00-0035		Outdoor Drinking Fountains *(22 47 13)*		
22 47 13 00-0036		Face Mounted *(22 47 13 00-0035)*		
22 47 13 00-0037	EA	Stainless Steel Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFE-FR)	1,525.70	145.99
22 47 13 00-0038	EA	Stainless Steel Freeze Resistant Face Mounted, With Back Panel, Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFEBP-FR)	1,626.61	145.99
22 47 13 00-0039	EA	Stone Aggregate Weather Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592)	1,211.57	145.99
22 47 13 00-0040	EA	Stone Aggregate Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592-FR)	1,659.08	145.99
22 47 13 00-0041		Free Standing *(22 47 13 00-0035)*		
22 47 13 00-0042	EA	Steel Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715)	2,196.26	136.86
22 47 13 00-0043	EA	Steel Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715-FR)	3,089.52	136.86
22 47 13 00-0044	EA	Steel Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710)	2,316.47	136.86
22 47 13 00-0045	EA	Steel Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710-FR)	3,209.73	136.86
22 47 13 00-0046	EA	Steel Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720)	3,328.03	145.99

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 13 00-0047	EA	Steel Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720-FR)	4,774.97	145.99
22 47 13 00-0048	EA	Stone Aggregate Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4591)	1,230.16	136.86
22 47 13 00-0049	EA	Stone Aggregate Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590)	2,132.20	136.86
22 47 13 00-0050	EA	Stone Aggregate Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590-FR)	3,026.34	136.86
22 47 13 00-0051	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595)	3,243.79	145.99
22 47 13 00-0052	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595-FR)	4,602.11	145.99

22 47 16 Pressure Water Coolers *(22 47)*

22 47 16 00-0001 Indoor Water Coolers *(22 47 16)*

22 47 16 00-0002 Face Mounted Indoor Water Coolers *(22 47 16 00-0001)*

22 47 16 00-0003	EA	Stainless Steel, Semi-Circular Water Cooler With Bubbler, Face-Mounted, Extended Length, 180 Degree Push Bar, 7.5 GPH (Halsey-Taylor OVL-II ER-Q)	2,602.36	145.99
22 47 16 00-0004	EA	Stainless Steel, Semi-Circular Water Cooler, Electronic Sensor, Face-Mounted, Extended Length, With Bubbler, 7.5 GPH (Halsey-Taylor OVL-II EREE-Q)	2,776.10	145.99

22 47 16 00-0005 Wall Mounted Indoor Water Coolers *(22 47 16 00-0001)*

22 47 16 00-0006	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 4 GPH, With Bubbler, (Halsey-Taylor SW4A-Q)	1,014.14	145.99
22 47 16 00-0007	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SW8A-Q)	1,052.75	145.99
22 47 16 00-0008	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SW14A-Q)	1,167.70	145.99
22 47 16 00-0009	EA	Stainless Steel Wall-Mounted Vandal Resistant Compact Water Cooler With Bubbler, 8 GPH (Halsey-Taylor SW8A-VR-Q-SS)	1,191.39	145.99
22 47 16 00-0010	EA	Stainless Steel Wall-Mounted Vandal Resistant Barrier Free Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8-CHILD ADA)	883.04	145.99
22 47 16 00-0011	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor WC8AFS-Q-SS)	1,076.44	145.99
22 47 16 00-0012	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor HAC8FS-Q Child SS)	985.18	145.99
22 47 16 00-0013	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HAC8FSBL-Q-SS)	1,714.69	218.99
22 47 16 00-0014	EA	Stainless Steel Wall-Mounted Water Cooler, 8 GPH, With Bubbler, (Halsey-Taylor HAC8VR-BL)	1,522.92	145.99

22 47 16 00-0015 Simulated Recessed Indoor Water Coolers *(22 47 16 00-0001)*

22 47 16 00-0016	EA	Stainless Steel Simulated Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RWM8A-Q)	1,495.87	145.99

22 47 16 00-0017 Fully Recessed Indoor Water Coolers *(22 47 16 00-0001)*

22 47 16 00-0018	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RC8A-Q)	2,446.66	164.24
22 47 16 00-0019	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser, 8 GPH (Halsey-Taylor RC8AQ + 14762)	3,596.15	164.24
22 47 16 00-0020	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser And Glass Filler, 8 GPH (Halsey-Taylor RC8A-Q-14700)	4,216.52	164.24

22 47 16 00-0021 Free Standing Indoor Water Coolers *(22 47 16 00-0001)*

22 47 16 00-0022	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 4 GPH, With Bubbler (Halsey-Taylor SCWT4A-Q)	1,006.59	127.75
22 47 16 00-0023	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SCWT8A-Q)	1,045.20	127.75
22 47 16 00-0024	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SCWT14A-Q)	1,161.03	127.75
22 47 16 00-0025	EA	Stainless Steel, Free-Standing Vandal Resistant Water Cooler With Bubbler, 14 GPH (Halsey-Taylor SCWT14A-VR-Q)	1,350.56	127.75

22 47 16 00-0026 Bottled Water Coolers *(22 47 16 00-0001)*

22 47 16 00-0027	EA	Free-Standing Bottled Water Cooler With Chilled Or Room Temperature Water	410.40	73.00
22 47 16 00-0028	EA	Free-Standing Bottled Water Cooler With Chilled Or Hot Water	494.64	73.00

22 47 16 00-0029 Multi-Station Indoor Water Coolers *(22 47 16 00-0001)*

22 47 16 00-0030	EA	Stainless Steel, Wall Mounted, Two Station, Semi-Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II SER-Q)	3,615.29	218.99
22 47 16 00-0031	EA	Stainless Steel, Wall Mounted, Two Station, Electronic Sensor Semi Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II-SEREE-Q)	3,782.01	218.99
22 47 16 00-0032	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BL-CHILD ADA-SS)	1,639.23	218.99

22 47 16 00-0033 Outdoor Water Coolers *(22 47 16)*

22 47 16 00-0034 Wall Mounted Outdoor Water Coolers *(22 47 16 00-0033)*

22 47 16 00-0035	EA	Stainless Steel, Wall Mounted, Barrier Free, Vandal Resistant, Frost Resistant Outdoor Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8FR-CHILD ADA-SS)	1,310.04	91.25
22 47 16 00-0036	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Outdoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BLFR-CHILD ADA-SS)	2,087.48	91.25

22 47 16 00-0037 Free Standing Outdoor Water Coolers *(22 47 16 00-0033)*

22 47 16 00-0038	EA	Stainless Steel Free-Standing Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-Q)	1,768.05	136.86
22 47 16 00-0039	EA	Stainless Steel Free-Standing Frost Resistant Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-FR-Q)	2,113.77	136.86

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 16 00-0040		Removal And Reinstallation Of Fixtures And Trim *(22 47 16)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 47 16 00-0041	EA	Remove And Reinstall Wall Hung Water Cooler	355.99	
22 47 16 00-0042	EA	Remove And Reinstall Floor Mount Water Cooler	79.30	
22 47 19		**Water-Station Water Coolers** *(22 47)*		
22 47 19 00-0001		Bottle Filler *(22 47 19)*		
22 47 19 00-0002	EA	Outdoor Tubular Bottle Filling Station, Surface Mount (Elkay LK4410BF)	3,147.42	145.99
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0003	EA	Outdoor Tubular Bottle Filling Station, Surface Mount, Freeze Resistant (Elkay LK4410BFFRK)	3,994.71	145.99
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0004	EA	Tri-level Outdoor Tubular Bottle Filling Station With Single Bottle Filler And Two Drinking Fountain Basins, Surface Mount (Elkay LK4430BF1)	5,135.05	164.24
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0005	EA	Tri-level Outdoor Tubular Bottle Filling Station With Two Bottle Fillers And Single Drinking Fountain Basin, Surface Mount (Elkay LK4430BF2)	5,552.64	164.24
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0006	EA	Tri-level Outdoor Tubular Bottle Filling Station With Three Bottle Fillers, Surface Mount (Elkay LK4430BF3)	5,970.23	164.24
		For Stainless Steel Carrier, Add	*205.00*	
22 47 23		**Remote Water Coolers** *(22 47)*		
22 47 23 00-0001		Remote Chillers *(22 47 23)*		
22 47 23 00-0002	EA	1.5 GPH Remote Chiller (Halsey-Taylor SJ1-Q)	704.87	49.27
22 47 23 00-0003	EA	5 GPH Remote Chiller (Halsey-Taylor SJ5-Q)	1,072.07	54.75
22 47 23 00-0004	EA	8 GPH Remote Chiller (Halsey-Taylor SJ8-Q)	849.90	63.87
22 47 23 00-0005	EA	10 GPH Remote Chiller (Halsey-Taylor SJ10-Q)	1,205.10	73.00
22 47 23 00-0006	EA	19 GPH Remote Chiller (Halsey-Taylor SJ19-Q)	1,710.70	109.49
22 47 23 00-0007	EA	30 GPH Remote Chiller (Halsey-Taylor SJ30-Q)	2,162.42	118.62
22 47 26		**Fixture Carriers** *(22 47)*		
22 47 26 00-0001		Water Cooler Carriers *(22 47 26)*		
22 47 26 00-0002		Floor Mounted, Water Cooler Carriers *(22 47 26 00-0001)* Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 47 26 00-0003	EA	Floor Mounted Hanger Plate Type, Single Water Cooler Carrier	305.00	27.74
		For Up To 4" Extension Sleeves And Hardware, Add	*14.15*	
		For Bi-Level Carrier, Add	*165.54*	
22 47 26 00-0004	EA	Floor Mounted Bearing Plate Type, Single Water Cooler Carrier	330.60	27.74
		For Up To 4" Extension Sleeves And Hardware, Add	*14.15*	
		For Bi-Level Carrier, Add	*165.54*	

22 50 Pool And Fountain Plumbing Systems *(22)*

22 51 Swimming Pool Plumbing Systems *(22 50)*

22 51 13		**Swimming Pool Piping** *(22 51)*		
22 51 13 00-0001		Swimming Pool Gutters *(22 51 13)*		
22 51 13 00-0002	LF	Swimming Pool Gutters, Stainless	208.14	16.42
22 51 19		**Swimming Pool Water Treatment Equipment** *(22 51)*		
22 51 19 00-0001		Swimming Pool Heaters For 1 Degree F/Hour Rise *(22 51 19)* Note: Excludes wiring, external piping, base or pad. Commercial pools.		
22 51 19 00-0002		Electric Pool Heaters *(22 51 19 00-0001)*		
22 51 19 00-0003	EA	12 KW Heater (1 Degree/Hour), For 4800 Gallon Pool	2,811.66	145.99
22 51 19 00-0004	EA	18 KW Heater (1 Degree/Hour), For 7200 Gallon Pool	3,141.57	156.94
22 51 19 00-0005	EA	24 KW Heater (1 Degree/Hour), For 9600 Gallon Pool	3,491.25	182.49
22 51 19 00-0006	EA	30 KW Heater (1 Degree/Hour), For 12000 Gallon Pool	3,698.59	218.99
22 51 19 00-0007	EA	36 KW Heater (1 Degree/Hour), For 14400 Gallon Pool	4,076.27	306.58
22 51 19 00-0008	EA	60 KW Heater (1 Degree/Hour), For 24000 Gallon Pool	4,681.81	437.97
22 51 19 00-0009		Gas Fired Pool Heaters *(22 51 19 00-0001)*		
22 51 19 00-0010	EA	120 MBH Output Gas Fired Pool Heater	2,978.52	346.89
22 51 19 00-0011	EA	180 MBH Output Gas Fired Pool Heater	3,430.21	411.94
22 51 19 00-0012	EA	240 MBH Output Gas Fired Pool Heater	4,502.79	722.70
22 51 19 00-0013	EA	300 MBH Output Gas Fired Pool Heater	5,410.55	867.24
22 51 19 00-0014	EA	360 MBH Output Gas Fired Pool Heater	6,470.33	1,184.32
22 51 19 00-0015	EA	400 MBH Output Gas Fired Pool Heater	7,467.01	1,399.62
22 51 19 00-0016	EA	500 MBH Output Gas Fired Pool Heater	11,554.42	1,679.54
22 51 19 00-0017	EA	600 MBH Output Gas Fired Pool Heater	13,318.55	1,866.16
22 51 19 00-0018	EA	750 MBH Output Gas Fired Pool Heater	14,964.87	2,015.45
22 51 19 00-0019	EA	1000 MBH Output Gas Fired Pool Heater	19,024.94	2,379.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 19 00-0020		Surge Tanks *(22 51 19)* Note: Includes 100 GPM vertical pump with 2 HP motor and electronic float switch. Prices are for 1' To 5' sump depth for pump.		
22 51 19 00-0021	EA	1000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	10,936.91	712.70
22 51 19 00-0022	EA	1500 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	12,150.22	712.70
22 51 19 00-0023	EA	2000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	14,625.69	872.55
22 51 19 00-0024	EA	5000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	19,759.99	1,408.22
22 51 19 00-0025		Diatomite Type Filter System *(22 51 19)*		
22 51 19 00-0026	EA	35000 Gallon Filter System, Diatomite	9,378.92	1,918.37
22 51 19 00-0027	EA	45000 Gallon Filter System, Diatomite	11,181.42	2,302.04
22 51 19 00-0028		Silver Recovery System, X-Ray Film Processing *(22 51 19)*		
22 51 19 00-0029	EA	20 Gallon/Day Capacity, Silver Recovery System	1,318.10	247.79
22 51 19 00-0030	EA	40 Gallon/Day Capacity, Silver Recovery System	1,931.93	330.43
22 51 19 00-0031		Inline Water Filter *(22 51 19)* Note: 3/8" NPT threaded inlet and outlet, 125 PSI, includes one filter cartridge.		
22 51 19 00-0032	EA	2 GPM Water Filter, 100 Degree Temperature, 8" x 5" Diameter, Plastic Body	175.89	73.00
22 51 19 00-0033	EA	6 GPM Water Filter, 250 Degree Temperature, 12" x 5" Diameter, Stainless Steel Body	316.05	109.49

22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities *(22)*

22 63 Gas Systems for Laboratory and Healthcare Facilities *(22 60)*

22 63 13 Gas Piping for Laboratory and Healthcare Facilities *(22 63)*

22 63 13 53 Laboratory Gas Piping *(22 63 13)*

See CSI section 23 21 13 23-0001 for black steel pipe, 23 21 13 23-1952 for PVC piping.

22 63 13 70 Healthcare Gas Piping *(22 63 13)*

22 63 13 70-0001		Zone Valve Assemblies *(22 63 13 70)*		
22 63 13 70-0002		Single Zone Valve Assemblies *(22 63 13 70-0001)*		
22 63 13 70-0003	EA	1/2" Single Zone Valve Assembly With Gauge (Amico VBU-M-05)	255.51	57.96
22 63 13 70-0004	EA	3/4" Single Zone Valve Assembly With Gauge (Amico VBU-M-07)	273.42	62.85
22 63 13 70-0005	EA	1" Single Zone Valve Assembly With Gauge (Amico VBU-M-10)	290.87	66.87
22 63 13 70-0006	EA	1-1/4" Single Zone Valve Assembly With Gauge (Amico VBU-M-12)	326.03	73.00
22 63 13 70-0007	EA	1-1/2" Single Zone Valve Assembly With Gauge (Amico VBU-M-15)	370.24	77.45
22 63 13 70-0008	EA	2" Single Zone Valve Assembly With Gauge (Amico VBU-M-20)	452.90	83.58
22 63 13 70-0009		Double Zone Valve Assemblies *(22 63 13 70-0001)*		
22 63 13 70-0010	EA	1/2" x 1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0505)	365.45	83.06
22 63 13 70-0011	EA	1/2" x 3/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0507)	383.35	87.96
22 63 13 70-0012	EA	1/2" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-0510)	404.05	91.90
22 63 13 70-0013	EA	1/2" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0512)	444.62	98.11
22 63 13 70-0014	EA	1/2" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0515)	494.24	102.56
22 63 13 70-0015	EA	3/4" x 3/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0707)	400.19	92.85
22 63 13 70-0016	EA	3/4" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-0710)	420.88	96.87
22 63 13 70-0017	EA	3/4" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0712)	462.53	102.99
22 63 13 70-0018	EA	3/4" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0715)	491.61	107.45
22 63 13 70-0019	EA	1" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-1010)	437.25	100.81
22 63 13 70-0020	EA	1" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-1012)	463.77	107.01
22 63 13 70-0021	EA	1" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1015)	510.14	111.47
22 63 13 70-0022	EA	1-1/4" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-1212)	529.20	113.15
22 63 13 70-0023	EA	1-1/4" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1215)	549.62	117.67
22 63 13 70-0024	EA	1-1/2" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1515)	599.24	122.12
22 63 13 70-0025		Triple Zone Valve Assemblies *(22 63 13 70-0001)*		
22 63 13 70-0026	EA	1/2" x 1/2" x 1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050505)	494.85	108.11
22 63 13 70-0027	EA	1/2" x 1/2" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050507)	512.76	113.07
22 63 13 70-0028	EA	1/2" x 1/2" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050510)	533.46	117.02
22 63 13 70-0029	EA	1/2" x 1/2" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050512)	575.11	123.21
22 63 13 70-0030	EA	1/2" x 1/2" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050515)	625.81	127.67
22 63 13 70-0031	EA	1/2" x 3/4" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050707)	531.75	117.96
22 63 13 70-0032	EA	1/2" x 3/4" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050710)	552.45	121.90
22 63 13 70-0033	EA	1/2" x 3/4" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050712)	593.01	128.11
22 63 13 70-0034	EA	1/2" x 3/4" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050715)	643.71	132.56
22 63 13 70-0035	EA	1/2" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051010)	573.14	125.92
22 63 13 70-0036	EA	1/2" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051012)	613.72	132.12
22 63 13 70-0037	EA	1/2" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051015)	664.40	136.57
22 63 13 70-0038	EA	3/4" x 3/4" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070707)	549.66	122.85
22 63 13 70-0039	EA	3/4" x 3/4" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070710)	570.35	126.87
22 63 13 70-0040	EA	3/4" x 3/4" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070712)	610.92	132.99
22 63 13 70-0041	EA	3/4" x 3/4" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070715)	661.62	137.45
22 63 13 70-0042	EA	3/4" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071010)	591.04	130.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 63 13 70-0043	EA	3/4" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071012)	631.62	137.01
22 63 13 70-0044	EA	3/4" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071015)	681.23	141.47
22 63 13 70-0045	EA	1" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-1010110)	583.64	134.83
22 63 13 70-0046	EA	1" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-101012)	623.12	140.95
22 63 13 70-0047	EA	1" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-101015)	703.00	145.48

22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities *(22 60)*

22 66 83 Chemical-Waste Tanks *(22 66)*

22 66 83 16 Chemical-Waste Neutralization Tanks *(22 66 83)*

22 66 83 16-0001 Acid Neutralization Tank *(22 66 83 16)*

22 66 83 16-0002 Polyethylene Acid Neutralization Tank *(22 66 83 16-0001)*

22 66 83 16-0003	EA	5 Gallon Capacity Polyethylene Acid Neutralization Tank	335.42	148.68
22 66 83 16-0004	EA	15 Gallon Capacity Polyethylene Acid Neutralization Tank	591.90	206.17
22 66 83 16-0005	EA	30 Gallon Capacity Polyethylene Acid Neutralization Tank	746.29	297.36
22 66 83 16-0006	EA	55 Gallon Capacity Polyethylene Acid Neutralization Tank	961.71	396.48
22 66 83 16-0007	EA	100 Gallon Capacity Polyethylene Acid Neutralization Tank	1,226.52	475.77
22 66 83 16-0008	EA	150 Gallon Capacity Polyethylene Acid Neutralization Tank	1,662.89	594.71
22 66 83 16-0009	EA	200 Gallon Capacity Polyethylene Acid Neutralization Tank	1,934.30	743.40
22 66 83 16-0010	EA	275 Gallon Capacity Polyethylene Acid Neutralization Tank	2,492.63	892.08
22 66 83 16-0011	EA	350 Gallon Capacity Polyethylene Acid Neutralization Tank	2,844.82	1,070.49

22 66 83 16-0012 Polypropylene Acid Neutralization Tank *(22 66 83 16-0001)*

22 66 83 16-0013	EA	5 Gallon Capacity Polypropylene Acid Neutralization Tank	527.47	148.68
22 66 83 16-0014	EA	15 Gallon Capacity Polypropylene Acid Neutralization Tank	895.98	206.17
22 66 83 16-0015	EA	30 Gallon Capacity Polypropylene Acid Neutralization Tank	1,384.51	297.36
22 66 83 16-0016	EA	55 Gallon Capacity Polypropylene Acid Neutralization Tank	1,825.79	396.48
22 66 83 16-0017	EA	100 Gallon Capacity Polypropylene Acid Neutralization Tank	2,302.68	475.77
22 66 83 16-0018	EA	150 Gallon Capacity Polypropylene Acid Neutralization Tank	2,698.58	594.71
22 66 83 16-0019	EA	200 Gallon Capacity Polypropylene Acid Neutralization Tank	2,965.42	743.40
22 66 83 16-0020	EA	275 Gallon Capacity Polypropylene Acid Neutralization Tank	4,293.09	892.08
22 66 83 16-0021	EA	350 Gallon Capacity Polypropylene Acid Neutralization Tank	4,669.29	1,070.49

22 66 83 16-0022 Chemical Dilution Trap *(22 66 83 16)*

22 66 83 16-0023	EA	1 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	278.00	49.56
22 66 83 16-0024	EA	1-1/2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	286.14	49.56
22 66 83 16-0025	EA	2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	294.28	49.56
22 66 83 16-0026	EA	5 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	324.88	59.47

22 67 Processed Water Systems For Laboratory And Healthcare Facilities *(22 60)*

22 67 13 Processed Water Piping For Laboratory And Healthcare Facilities *(22 67)*

22 67 13 53 Laboratory Water Piping *(22 67 13)*

22 67 13 53-0001 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe And Fittings *(22 67 13 53)*

22 67 13 53-0002 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe *(22 67 13 53-0001)*

22 67 13 53-0003	LF	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	4.26	2.12
		For Work In Restricted Working Space, Add	*0.94*	
22 67 13 53-0004	LF	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	5.33	2.63
		For Work In Restricted Working Space, Add	*1.17*	
22 67 13 53-0005	LF	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	6.23	2.77
		For Work In Restricted Working Space, Add	*1.25*	
22 67 13 53-0006	LF	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	8.35	3.06
		For Work In Restricted Working Space, Add	*1.37*	
22 67 13 53-0007	LF	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	10.73	3.65
		For Work In Restricted Working Space, Add	*1.64*	

22 67 13 53-0008 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbows *(22 67 13 53-0001)*

22 67 13 53-0009	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	16.03	7.81
		For Work In Restricted Working Space, Add	*3.53*	
22 67 13 53-0010	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	20.64	10.44
		For Work In Restricted Working Space, Add	*4.71*	
22 67 13 53-0011	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	25.21	13.00
		For Work In Restricted Working Space, Add	*5.84*	
22 67 13 53-0012	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	40.14	20.73
		For Work In Restricted Working Space, Add	*9.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0013	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	50.38	26.36
		For Work In Restricted Working Space, Add	*11.84*	

22 67 13 53-0014 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbows *(22 67 13 53-0001)*

22 67 13 53-0015	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	16.03	7.89
		For Work In Restricted Working Space, Add	*3.53*	
22 67 13 53-0016	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	20.64	10.44
		For Work In Restricted Working Space, Add	*4.71*	
22 67 13 53-0017	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	25.21	13.00
		For Work In Restricted Working Space, Add	*5.84*	
22 67 13 53-0018	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	40.24	20.73
		For Work In Restricted Working Space, Add	*9.32*	
22 67 13 53-0019	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	50.38	26.36
		For Work In Restricted Working Space, Add	*11.84*	

22 67 13 53-0020 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tees *(22 67 13 53-0001)*

22 67 13 53-0021	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	24.40	13.00
		For Work In Restricted Working Space, Add	*5.84*	
22 67 13 53-0022	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	29.29	15.70
		For Work In Restricted Working Space, Add	*7.06*	
22 67 13 53-0023	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	37.67	20.73
		For Work In Restricted Working Space, Add	*9.32*	
22 67 13 53-0024	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	59.17	31.39
		For Work In Restricted Working Space, Add	*14.13*	
22 67 13 53-0025	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	74.71	38.98
		For Work In Restricted Working Space, Add	*17.52*	

22 67 13 53-0026 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tees *(22 67 13 53-0001)*

22 67 13 53-0027	EA	3/4" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	38.44	14.60
		For Work In Restricted Working Space, Add	*6.57*	
22 67 13 53-0028	EA	1" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	45.08	17.01
		For Work In Restricted Working Space, Add	*7.66*	
22 67 13 53-0029	EA	1" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	48.08	18.47
		For Work In Restricted Working Space, Add	*8.32*	
22 67 13 53-0030	EA	1-1/2" x 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	63.90	26.27
		For Work In Restricted Working Space, Add	*11.83*	
22 67 13 53-0031	EA	2" x 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	80.94	35.04
		For Work In Restricted Working Space, Add	*15.77*	

22 67 13 53-0032 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Inserts *(22 67 13 53-0001)*

22 67 13 53-0033	EA	3/4" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	20.12	9.27
		For Work In Restricted Working Space, Add	*4.16*	
22 67 13 53-0034	EA	1" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	23.64	10.73
		For Work In Restricted Working Space, Add	*4.82*	
22 67 13 53-0035	EA	1" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	26.87	12.19
		For Work In Restricted Working Space, Add	*5.48*	
22 67 13 53-0036	EA	1-1/2" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	34.31	14.60
		For Work In Restricted Working Space, Add	*6.57*	
22 67 13 53-0037	EA	1-1/2" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	37.08	16.06
		For Work In Restricted Working Space, Add	*7.23*	
22 67 13 53-0038	EA	1-1/2" x 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	38.88	17.01
		For Work In Restricted Working Space, Add	*7.67*	
22 67 13 53-0039	EA	2" x 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	56.45	23.87
		For Work In Restricted Working Space, Add	*10.73*	

22 67 13 53-0040 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapters *(22 67 13 53-0001)*

22 67 13 53-0041	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	17.24	7.89
		For Work In Restricted Working Space, Add	*3.53*	
22 67 13 53-0042	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	22.31	10.44
		For Work In Restricted Working Space, Add	*4.71*	
22 67 13 53-0043	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	27.04	13.00
		For Work In Restricted Working Space, Add	*5.84*	
22 67 13 53-0044	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	41.40	20.73
		For Work In Restricted Working Space, Add	*9.32*	
22 67 13 53-0045	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	53.44	26.27
		For Work In Restricted Working Space, Add	*11.83*	

22 67 13 53-0046 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapters *(22 67 13 53-0001)*

22 67 13 53-0047	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	17.24	7.89
		For Work In Restricted Working Space, Add	*3.53*	
22 67 13 53-0048	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	22.31	10.44
		For Work In Restricted Working Space, Add	*4.71*	
22 67 13 53-0049	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	27.04	13.00
		For Work In Restricted Working Space, Add	*5.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0050	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	41.40	20.73
		For Work In Restricted Working Space, Add	*9.32*	
22 67 13 53-0051	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	53.25	26.36
		For Work In Restricted Working Space, Add	*11.84*	
22 67 13 53-0052		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Couplings *(22 67 13 53-0001)*		
22 67 13 53-0053	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	14.42	7.89
		For Work In Restricted Working Space, Add	*3.53*	
22 67 13 53-0054	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	19.32	10.44
		For Work In Restricted Working Space, Add	*4.71*	
22 67 13 53-0055	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	24.17	13.00
		For Work In Restricted Working Space, Add	*5.84*	
22 67 13 53-0056	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	38.30	20.73
		For Work In Restricted Working Space, Add	*9.32*	
22 67 13 53-0057	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	49.57	26.36
		For Work In Restricted Working Space, Add	*11.84*	
22 67 13 53-0058		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Unions *(22 67 13 53-0001)*		
22 67 13 53-0059	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	37.56	13.00
		For Work In Restricted Working Space, Add	*5.84*	
22 67 13 53-0060	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	42.79	15.70
		For Work In Restricted Working Space, Add	*7.06*	
22 67 13 53-0061	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	52.55	20.73
		For Work In Restricted Working Space, Add	*9.32*	
22 67 13 53-0062	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	86.06	31.39
		For Work In Restricted Working Space, Add	*14.13*	
22 67 13 53-0063	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	114.24	38.98
		For Work In Restricted Working Space, Add	*17.52*	
22 67 13 53-0064		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Caps *(22 67 13 53-0001)*		
22 67 13 53-0065	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	15.62	8.00
		For Work In Restricted Working Space, Add	*3.58*	
22 67 13 53-0066	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	19.95	10.44
		For Work In Restricted Working Space, Add	*4.71*	
22 67 13 53-0067	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	24.17	13.00
		For Work In Restricted Working Space, Add	*5.84*	
22 67 13 53-0068	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	38.41	20.73
		For Work In Restricted Working Space, Add	*9.32*	
22 67 13 53-0069	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	49.57	26.36
		For Work In Restricted Working Space, Add	*11.84*	
22 67 13 53-0070		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flanges *(22 67 13 53-0001)*		
22 67 13 53-0071	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange	26.35	13.14
		For Work In Restricted Working Space, Add	*5.84*	
22 67 13 53-0072	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange	31.30	15.55
		For Work In Restricted Working Space, Add	*7.06*	
22 67 13 53-0073	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange	40.12	20.95
		For Work In Restricted Working Space, Add	*9.32*	
22 67 13 53-0074	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange	60.77	31.68
		For Work In Restricted Working Space, Add	*14.13*	
22 67 13 53-0075	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange	74.25	38.98
		For Work In Restricted Working Space, Add	*17.52*	
22 67 13 53-0076		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe And Fittings *(22 67 13 53)*		
22 67 13 53-0077		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe *(22 67 13 53-0076)*		
22 67 13 53-0078	LF	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	6.07	2.12
		For Work In Restricted Working Space, Add	*0.94*	
22 67 13 53-0079	LF	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	7.71	2.63
		For Work In Restricted Working Space, Add	*1.17*	
22 67 13 53-0080	LF	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	9.50	2.77
		For Work In Restricted Working Space, Add	*1.25*	
22 67 13 53-0081	LF	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	11.62	3.06
		For Work In Restricted Working Space, Add	*1.37*	
22 67 13 53-0082	LF	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	15.48	3.65
		For Work In Restricted Working Space, Add	*1.64*	
22 67 13 53-0083		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbows *(22 67 13 53-0076)*		
22 67 13 53-0084	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	21.58	7.81
		For Work In Restricted Working Space, Add	*3.53*	
22 67 13 53-0085	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	28.01	10.44
		For Work In Restricted Working Space, Add	*4.71*	
22 67 13 53-0086	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	34.85	13.00
		For Work In Restricted Working Space, Add	*5.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0087	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	51.92	20.73
		For Work In Restricted Working Space, Add	*9.32*	
22 67 13 53-0088	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	67.73	26.36
		For Work In Restricted Working Space, Add	*11.84*	

22 67 13 53-0089 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbows *(22 67 13 53-0076)*

22 67 13 53-0090	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	21.47	7.89
		For Work In Restricted Working Space, Add	*3.53*	
22 67 13 53-0091	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	28.07	10.44
		For Work In Restricted Working Space, Add	*4.71*	
22 67 13 53-0092	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	34.91	13.00
		For Work In Restricted Working Space, Add	*5.84*	
22 67 13 53-0093	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	52.72	20.73
		For Work In Restricted Working Space, Add	*9.32*	
22 67 13 53-0094	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	67.73	26.36
		For Work In Restricted Working Space, Add	*11.84*	

22 67 13 53-0095 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tees *(22 67 13 53-0076)*

22 67 13 53-0096	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	31.14	13.00
		For Work In Restricted Working Space, Add	*5.84*	
22 67 13 53-0097	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	37.33	15.70
		For Work In Restricted Working Space, Add	*7.06*	
22 67 13 53-0098	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	47.30	20.73
		For Work In Restricted Working Space, Add	*9.32*	
22 67 13 53-0099	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	71.49	31.39
		For Work In Restricted Working Space, Add	*14.13*	
22 67 13 53-0100	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	90.76	38.98
		For Work In Restricted Working Space, Add	*17.52*	

22 67 13 53-0101 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tees *(22 67 13 53-0076)*

22 67 13 53-0102	EA	3/4" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	36.25	14.60
		For Work In Restricted Working Space, Add	*6.57*	
22 67 13 53-0103	EA	1" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	44.01	17.01
		For Work In Restricted Working Space, Add	*7.66*	
22 67 13 53-0104	EA	1" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	46.21	18.47
		For Work In Restricted Working Space, Add	*8.32*	
22 67 13 53-0105	EA	1-1/2" x 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	65.98	26.27
		For Work In Restricted Working Space, Add	*11.83*	
22 67 13 53-0106	EA	2" x 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	85.90	35.04
		For Work In Restricted Working Space, Add	*15.77*	

22 67 13 53-0107 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Inserts *(22 67 13 53-0076)*

22 67 13 53-0108	EA	3/4" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	24.97	9.27
		For Work In Restricted Working Space, Add	*4.16*	
22 67 13 53-0109	EA	1" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	28.49	10.73
		For Work In Restricted Working Space, Add	*4.82*	
22 67 13 53-0110	EA	1" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	30.68	12.19
		For Work In Restricted Working Space, Add	*5.48*	
22 67 13 53-0111	EA	1-1/2" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	39.11	14.60
		For Work In Restricted Working Space, Add	*6.57*	
22 67 13 53-0112	EA	1-1/2" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	41.30	16.06
		For Work In Restricted Working Space, Add	*7.23*	
22 67 13 53-0113	EA	1-1/2" x 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	42.76	17.01
		For Work In Restricted Working Space, Add	*7.67*	
22 67 13 53-0114	EA	2" x 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	59.71	23.87
		For Work In Restricted Working Space, Add	*10.73*	

22 67 13 53-0115 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapters *(22 67 13 53-0076)*

22 67 13 53-0116	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	21.58	7.89
		For Work In Restricted Working Space, Add	*3.53*	
22 67 13 53-0117	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	27.67	10.44
		For Work In Restricted Working Space, Add	*4.71*	
22 67 13 53-0118	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	33.08	13.00
		For Work In Restricted Working Space, Add	*5.84*	
22 67 13 53-0119	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	47.59	20.73
		For Work In Restricted Working Space, Add	*9.32*	
22 67 13 53-0120	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	65.18	26.27
		For Work In Restricted Working Space, Add	*11.83*	

22 67 13 53-0121 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapters *(22 67 13 53-0076)*

22 67 13 53-0122	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	21.58	7.89
		For Work In Restricted Working Space, Add	*3.53*	
22 67 13 53-0123	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	27.67	10.44
		For Work In Restricted Working Space, Add	*4.71*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0124	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	33.08	13.00
		For Work In Restricted Working Space, Add	*5.84*	
22 67 13 53-0125	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	47.59	20.73
		For Work In Restricted Working Space, Add	*9.32*	
22 67 13 53-0126	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	65.22	26.36
		For Work In Restricted Working Space, Add	*11.84*	
22 67 13 53-0127		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Couplings *(22 67 13 53-0076)*		
22 67 13 53-0128	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	20.61	7.89
		For Work In Restricted Working Space, Add	*3.53*	
22 67 13 53-0129	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	26.53	10.44
		For Work In Restricted Working Space, Add	*4.71*	
22 67 13 53-0130	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	31.83	13.00
		For Work In Restricted Working Space, Add	*5.84*	
22 67 13 53-0131	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	47.36	20.73
		For Work In Restricted Working Space, Add	*9.32*	
22 67 13 53-0132	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	60.78	26.36
		For Work In Restricted Working Space, Add	*11.84*	
22 67 13 53-0133		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Unions *(22 67 13 53-0076)*		
22 67 13 53-0134	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	58.79	
		For Work In Restricted Working Space, Add	*5.84*	
22 67 13 53-0135	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	68.57	15.70
		For Work In Restricted Working Space, Add	*7.06*	
22 67 13 53-0136	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	84.29	20.73
		For Work In Restricted Working Space, Add	*9.32*	
22 67 13 53-0137	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	136.58	31.39
		For Work In Restricted Working Space, Add	*14.13*	
22 67 13 53-0138	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	176.37	38.98
		For Work In Restricted Working Space, Add	*17.52*	
22 67 13 53-0139		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Caps *(22 67 13 53-0076)*		
22 67 13 53-0140	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	20.77	8.00
		For Work In Restricted Working Space, Add	*3.58*	
22 67 13 53-0141	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	26.53	10.44
		For Work In Restricted Working Space, Add	*4.71*	
22 67 13 53-0142	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	31.77	13.00
		For Work In Restricted Working Space, Add	*5.84*	
22 67 13 53-0143	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	47.47	20.73
		For Work In Restricted Working Space, Add	*9.32*	
22 67 13 53-0144	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	60.78	26.36
		For Work In Restricted Working Space, Add	*11.84*	
22 67 13 53-0145		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flanges *(22 67 13 53-0076)*		
22 67 13 53-0146	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	38.38	13.14
		For Work In Restricted Working Space, Add	*5.84*	
22 67 13 53-0147	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	44.74	15.55
		For Work In Restricted Working Space, Add	*7.06*	
22 67 13 53-0148	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	55.34	20.95
		For Work In Restricted Working Space, Add	*9.32*	
22 67 13 53-0149	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	80.84	31.68
		For Work In Restricted Working Space, Add	*14.13*	
22 67 13 53-0150	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	100.57	38.98
		For Work In Restricted Working Space, Add	*17.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CTC Information:

- ☑ This Construction Task Catalog® was developed and customized by The Gordian Group, Inc. specifically for **Natividad Medical Center**, priced locally using current labor, material and equipment costs, and published in July 2013.
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The Unit Prices Include:

LABOR COSTS:

- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security and Medicare taxes, worker's compensation, unemployment insurance and employee benefits.
- ☑ Labor costs are based on workers familiar with and skilled in the performance of the task following OSHA requirements.
- ☑ Labor costs include time lost for normal work breaks, layout, measuring and cutting to fit, clean-up of regular construction debris, inspection, permit compliance, job meetings and start-up.

EQUIPMENT COSTS:

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

MATERIAL COSTS:

- ☑ Material costs include the cost of the material being installed and all incidentals and accessories integral to the installation.
- ☑ Material costs include manufacturer's and/or fabricator's shop drawings.
- ☑ Material costs for roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, concrete, etc. include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.

Complete and In-Place Construction:

- ☑ Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the task as described in the CTC.
- ☑ Unit Prices include delivery, unloading and storing materials, tools and equipment on site; moving, materials, tools and equipment from storage area or truck up to 2 ½ stories (2 stories with an attic) and within 125' to reach the site.

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- ☑ Unit prices exclude moving material and equipment greater than 2 ½ stories and handling material and equipment more than 125' (See 01661900).
- ☑ Unit prices for imported materials (aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.
- ☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) that are required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or relocating or reinstalling existing material and equipment.
- ☑ Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the task description states otherwise.
- ☑ Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, flashing, pitch pockets, skylights, curbs, roofing, etc. include sealant and caulking.
- ☑ Unit prices include testing, calibration, balancing and the like required to ensure proper installation, construction and performance (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, pneumatic or hydrostatic testing, soaping of joints, disinfection and flushing, others as required). Use of owner supplied materials, equipment or tying into existing equipment/piping may justify testing, balancing, etc.

Demolition:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the required items; clean-up of the area; and transferring down 2 ½ stories and within 125' of the site into a truck or dumpster for debris or to a designated area for owner requested items.
- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), trash chutes (See 01741900), and handling materials more than 2 ½ stories or more than 125' from the site (See 01661900), unless the task description states otherwise.
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition task, unless the component alone must be demolished to accomplish the task (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the task; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- ☑ The description "replace" includes the demolition of the existing item and the installation of the new item.
- ☑ The descriptions "remove and relocate" or "remove and reinstall" includes the removal, cleaning of item and installation of the existing item in either the same location or another location.
- ☑ The description "reinstall" includes the cleaning and installation of the existing item.
- ☑ Salvageable materials remain the property of the Owner and shall be turned over as directed when specified in the Job Order.

The Adjustment Factors Include:

BUSINESS COSTS:

- ☑ Overhead costs, including, unless specifically excluded in the Contract Documents, but not limited to;
  - home office overhead
  - insurance, bonds, and indemnification
  - project meetings, training, management and supervision
  - mobilization and close-out for the contract and each Job Order and
  - project office staff and equipment.
- ☑ Profit.

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- ☑ Subcontractor's overhead and profit.
- ☑ All taxes for which a waiver is not available including material sales tax and equipment rental.
- ☑ Employee or Subcontractor's wage rates that exceed the prevailing wage rates.
- ☑ Fringe benefits, payroll taxes, worker's compensation, insurance costs and any other payment mandated by law in connection with labor that exceeds the labor rate allowances.
- ☑ Cost of financing the work.
- ☑ Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

CONSTRUCTION RELATED COSTS:

- ☑ Services required to obtain filings and permits.
- ☑ Preparation and modification of proposals, sketches, drawings, submittals, as-built drawings, CADD drawings, microfilm, and other project records.
- ☑ Incidental engineering and architectural services.
- ☑ Office trailer and portable toilets for Contractor's use.
- ☑ Construction vehicles such as pick-up trucks, utility trucks, vans, flat bed trucks, tractors, trailers, etc.
- ☑ Storage devices or items such as gang boxes and containers for Contractor's tools, equipment and materials.
- ☑ Personnel safety equipment (hard hats, ropes, harness, etc.) and basic safety signage, railings, minor barricades, tape, roping, cable, markings, cones, etc.
- ☑ Meeting Owner security requirements.
- ☑ Excess waste including roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, siding, concrete, etc. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
- ☑ Removing and returning Owner's furniture and furnishings (chairs, tables, pictures, etc. but excluding modular furniture, wall or ceiling attached or fastened devices or furnishings, safes or other furniture requiring disassembly).
- ☑ Protection of all surfaces including those not in the scope of work from construction dust, debris or damage during construction up until final acceptance. The methods of protection including plastic, paper, sealing doors or windows, etc. are the Contractor's responsibility.
- ☑ Daily clean-up.
- ☑ Final professional project clean-up.
- ☑ Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- ☑ Costs resulting from productivity loss.
- ☑ Working in extreme temperatures (below or above normal) or adverse conditions such as excessive rain, wind, sleet or snow.
- ☑ Differences in project size; complexity and location.
- ☑ All costs for other than discreet items of work specifically required to complete a particular Job Order.

PRICE VARIATIONS:

- ☑ Contractors may find differences in labor, equipment and material costs due to certain economic factors. Variations in labor cost can also result from labor efficiency, labor restrictions, working conditions and local work rules. Variations in material costs can also result from the quantity of material purchased, the existing relationship with suppliers, and because the materials have been discontinued or have become obsolete.
- ☑ While diligent effort is made to provide accurate and reliable up-to-date pricing, it is the responsibility of the Contractor to verify the unit prices and to modify their Adjustment Factors accordingly.

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General Costs:

- ☑ This list is not exhaustive and is intended to provide general examples of cost items to be included in the Contractor's Adjustment Factor as defined in the Contract.
- ☑ The only compensation to be paid to a Contractor for the unit price tasks will be:

Published Unit Price	X	Installation (or Demolition) Quantity	X	Appropriate Adjustment Factor

- ☑ No additional payments of any kind whatsoever will be made. All costs not included in the unit prices must be part of the Adjustment Factors.

General Interpretations:

Working Height:

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

Field Engineering:

- ☑ Surveying tasks shall be used only when the Owner requests the Contractor to perform topographic surveys, property line surveys or to establish horizontal and vertical controls. If the Owner provides horizontal and vertical control points within or adjacent to the site, any other surveying required to complete the work is considered construction staking or layout and the cost thereof is included in the appropriate task.

Assemblies:

- ☑ Assembly unit prices take precedence over individual component pricing.

Testing:

- ☑ Contractor will be paid for testing existing material, as required by the technical specifications and as directed by the Owner (record tests) at the unit price for the appropriate task. The cost of process quality control testing routinely performed by the Contractor is included in the unit prices for the individual tasks.

Miscellaneous:

- ☑ For the purpose of quantity discounts, quantities are calculated on a per project basis. The quantity discount applies to the total quantity so determined.
- ☑ Whenever there are alternative tasks that may be selected to complete work the Contractor shall select the most practical and economical tasks available (e.g. rental of equipment by weeks or months rather than days or painting by roller or spray rather than brush).
- ☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories tasks and for certain electrical conduit and conduit accessories tasks. Only those tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated tasks. A non pre-priced task will not be allowed because of Restricted Working Space for any CTC task.
- ☑ Confined Working Space is defined according to the OSHA definition 29 CFR 1926.21(b)(6)(i): "Any space having limited means of egress, which is

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subject to accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere, including, but not limited to, storage tanks, process vessels, bins, boilers, ventilation and exhaust duct, sewers, underground vaults, tunnels, pipelines and open top spaces more than 4 feet in depth such as pits and tubs." The Contractor shall conform to all OSHA and Owner requirements for working in Confined Working Spaces. Required ventilation and air monitoring equipment tasks shall be priced from the CTC.

☑ Whenever a material, article or piece of equipment is identified in the CTC or in the specifications by reference to manufacturers' or vendors' names, trade names, catalogue numbers, or make, the identification is intended to establish a standard. Any material, article or equipment of another manufacturer or vendor which performs satisfactorily the duties imposed by the general design may be considered equally acceptable provided that, in the opinion of the Owner, the material, article or equipment so proposed is of equal quality, substance and function. The Contractor shall not provide, furnish or install any proposed material, article or equipment without the prior written approval of the Owner. The burden of proof and all costs related thereto concerning the "or equal" nature of the substitute item, whether approved or disapproved, shall be borne by the Contractor.

SPECIFICATIONS:

☑ Specifications for tasks shall be interpreted as follows: All labor, material, equipment, spare parts, services, and work required by a specification shall be considered part of the unit price, unless the task description or technical specifications state otherwise.

Useful Information:

UNIT OF MEASURE DEFINITIONS:

ACR – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Hundred Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum (each), **EA** – Each, **FLR** - Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** - Ground Square Foot, **HR** – Hour, **HWT** - Hundred Carton Weight, **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** - Loose (Excavated) Cubic Yards, **LF** - Linear Foot, **LFD** - Linear Feet Per Day, **LIT –** Liter, **LOT** – Lot, **MBF** - One Thousand Board Feet, **MBH** - One Thousand British Thermal Units, **MCF** – One Thousand Cubic Feet, **MF3** - One Thousand Cubic Feet Per Minute, **MGL** – One Thousand Gallons, **MI** – Mile, **MLF** - One Thousand Linear Feet, **MO** – Month, **MSF** - One Thousand Square Feet, **MSY** - One Thousand Square Yards, **MT** – Metric Ton, **MTK** – Metric Ton Kilometer, **M2** – Square Meter, **M3K** – Cubic Meter Kilometer, **NTE** – Note, **OPN** – Opening, **OUT** - Outlet or Output (each), **OZ** – Ounce, **PKG** – Package, **PNT** – Point, **PR** – Pair, **QT** – Quart, **ROL** - Roll (each), **ROM** – Room, **ROW** – Row, **RSR** - Riser (Per Rise), **SEA** – Seat, **SET** – Set, **SF** - Square Foot, **SHT** – Sheet, **SI** - Square Inch, **STP** - Stop (each), **SQ** - Square or One Hundred Square Feet, **SY** - Square Yard, **SYI** – Inches per Square Yard, **TNM** - Tons per Mile, **TON** – Ton, **TRK** – Truck Load, **UI** - United Inch, **UNT** – Unit, **VLF** - Vertical Linear Foot, **WK** – Week, **YD** – Yard, **YR** – Year

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MATERIAL WEIGHTS:

EARTHEN MATERIAL

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

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

BULK FACTORS FOR DEMOLITION:

☑ The following bulk factors shall be used to calculate the volume of demolished material to be transported from the site, unless otherwise directed by the Owner.

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

CONVERSIONS:

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

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

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

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

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

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

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STANDARD GEOMETRY:

Circle

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

Cylinder

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

Sphere

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

π = 3.14159

United Inch

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

TRADEMARKS

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 01 Operation and Maintenance of HVAC Systems *(23)*

23 01 10 Operation and Maintenance of Facility Fuel Systems *(23 01)*

23 01 10 00-0001 Professional Certification For Hospital *(23 01 10)*

23 01 10 00-0002	HR	Hospital/Lab Certification - Oxygen, Air, Water Lines, Medical Gases, Nitrogen And Vacuum	164.76	

23 01 10 00-0003 Purge Gas Systems *(23 01 10)*

Note: Includes collection and refilling/bleeding of system. For natural gas, flammable gases and other gases that should not be released inside the buidling. See CSI section 23 01 60 00-0001 for refrigerant.

23 01 10 00-0004	EA	Purge Gas Systems, 0-100 LF, 1/2" - 1-1/2" Diameter Pipe	476.62	
23 01 10 00-0005	EA	Purge Gas Systems, 101-250 LF, 1/2" - 1-1/2" Diameter Pipe	680.52	
23 01 10 00-0006	EA	Purge Gas Systems, 250-500 LF, 1/2" - 1-1/2" Diameter Pipe	713.70	
23 01 10 00-0007	EA	Purge Gas Systems, 500-1000 LF, 1/2" - 1-1/2" Diameter Pipe	786.00	
23 01 10 00-0008	EA	Purge Gas Systems, 1000-2000 LF, 1/2" - 1-1/2" Diameter Pipe	1,423.07	
23 01 10 00-0009	EA	Purge Gas Systems, 0-100 LF, 2" - 4" Diameter Pipe	639.23	
23 01 10 00-0010	EA	Purge Gas Systems, 101-250 LF, 2" - 4" Diameter Pipe	916.54	
23 01 10 00-0011	EA	Purge Gas Systems, 250-500 LF, 2" - 4" Diameter Pipe	965.48	
23 01 10 00-0012	EA	Purge Gas Systems, 500-1000 LF, 2" - 4" Diameter Pipe	1,071.97	
23 01 10 00-0013	EA	Purge Gas Systems, 1000-2000 LF, 2" - 4" Diameter Pipe	1,945.37	
23 01 10 00-0014	EA	Purge Gas Systems, 0-100 LF, 6" - 10" Diameter Pipe	747.70	
23 01 10 00-0015	EA	Purge Gas Systems, 101-250 LF, 6" - 10" Diameter Pipe	1,088.57	
23 01 10 00-0016	EA	Purge Gas Systems, 250-500 LF, 6" - 10" Diameter Pipe	2,398.07	
23 01 10 00-0017	EA	Purge Gas Systems, 500-1000 LF, 6" - 10" Diameter Pipe	3,723.65	
23 01 10 00-0018	EA	Purge Gas Systems, 1000-2000 LF, 6" - 10" Diameter Pipe	6,985.65	

23 01 20 Operation and Maintenance of HVAC Piping and Pumps *(23 01)*

23 01 20 00-0001 Special Cleaning Of Piping Systems *(23 01 20)*

23 01 20 00-0002 Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing *(23 01 20 00-0001)*

23 01 20 00-0003	LF	Up To 1", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	1.64	
23 01 20 00-0004	LF	>1" To 2", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	2.72	
23 01 20 00-0005	LF	>2" To 3", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	3.79	
23 01 20 00-0006	LF	4", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	4.92	
23 01 20 00-0007	LF	6", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	6.82	

23 01 20 00-0008 Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing *(23 01 20 00-0001)*

23 01 20 00-0009	LF	Up To 1", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	1.75	
23 01 20 00-0010	LF	>1" To 2", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	2.86	
23 01 20 00-0011	LF	>2" To 3", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	4.00	
23 01 20 00-0012	LF	4", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	5.23	
23 01 20 00-0013	LF	6", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	7.23	

23 01 20 00-0014 Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing *(23 01 20 00-0001)*

23 01 20 00-0015	LF	Up To 1", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	1.79	
23 01 20 00-0016	LF	>1" To 2", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	2.92	
23 01 20 00-0017	LF	>2" To 3", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	4.08	
23 01 20 00-0018	LF	4", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	5.34	
23 01 20 00-0019	LF	6", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	7.38	

23 01 20 00-0020 Lock Out/Tag Out System *(23 01 20)*

23 01 20 00-0021	EA	Up To 1", Lock Out/Tag Out Valve	19.83	
23 01 20 00-0022	EA	>1" To 3", Lock Out/Tag Out Valve	23.79	
23 01 20 00-0023	EA	>3" To 6", Lock Out/Tag Out Valve	27.75	
23 01 20 00-0024	EA	>6" To 10", Lock Out/Tag Out Valve	31.72	
23 01 20 00-0025	EA	>10" To 14", Lock Out/Tag Out Valve	39.64	
23 01 20 00-0026	EA	Lock Out/Tag Out Padlock System	15.86	
23 01 20 00-0027	EA	Lock Out/Tag Out Tag	2.65	

23 01 20 00-0028 Hot Taps *(23 01 20)*

See CSI section 23 05 23 00-0000 for valves, 33 11 13 53-0000 for service saddles.

23 01 20 00-0029 Freeze Pipe Using CO2 Kit *(23 01 20)*

Note: For use on chilled water or cold water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 00-0030	EA	Up To 2" Freeze Pipe Using CO2 Kit	128.40	

23 01 20 00-0031 Freeze Pipe Using Nitrogen *(23 01 20)*

Note: For use on any water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 00-0032	EA	Up To 4" Pipe Freezing Using Nitrogen Note: For each location. Includes freezing on each side of valve or fitting.	1,227.70	
23 01 20 00-0033	EA	6" To 12" Pipe Freezing Using Nitrogen Note: For each location. Includes freezing on each side of valve or fitting.	2,455.40	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 00-0034		**Water/Chlorine Pipe Disinfection/Flush/Testing** *(23 01 20)*		
		Note: For existing piping when required. Water/chlorine solution per specification entitled "Water Distribution".		
23 01 20 00-0035	LF	Up To 1", Water/Chlorine Pipe Disinfection/Flush/Testing	1.31	
23 01 20 00-0036	LF	>1" To 2", Water/Chlorine Pipe Disinfection/Flush/Testing	1.79	
23 01 20 00-0037	LF	>2" To 3", Water/Chlorine Pipe Disinfection/Flush/Testing	2.76	
23 01 20 00-0038	LF	4", Water/Chlorine Pipe Disinfection/Flush/Testing	3.79	
23 01 20 00-0039	LF	6", Water/Chlorine Pipe Disinfection/Flush/Testing	4.67	
23 01 20 00-0040	LF	8", Water/Chlorine Pipe Disinfection/Flush/Testing	5.89	
23 01 20 00-0041	LF	10", Water/Chlorine Pipe Disinfection/Flush/Testing	7.77	
23 01 20 00-0042	LF	12", Water/Chlorine Pipe Disinfection/Flush/Testing	9.32	
23 01 20 00-0043		**Shut Down Existing Piping System** *(23 01 20)*		
23 01 20 00-0044	EA	Shut Down Existing Interior Piping System	160.38	
		Note: Includes lock out/tag out and average line tracing. Use when valves are greater than 25' from work. When the shut-off valves for multiple lines are located with a 10' radius, the quantity used shall be one.		
23 01 20 00-0045		**Purge Liquid Systems** *(23 01 20)*		
		Note: Includes collection and refilling/bleeding of system.		
23 01 20 00-0046	EA	Purge Liquid System, Up To 100 LF, 1/2" - 1-1/2" Diameter Pipe	339.83	
23 01 20 00-0047	EA	Purge Liquid System, 101-250 LF, 1/2" - 1-1/2" Diameter Pipe	485.34	
23 01 20 00-0048	EA	Purge Liquid System, 250-500 LF, 1/2" - 1-1/2" Diameter Pipe	581.54	
23 01 20 00-0049	EA	Purge Liquid System, 500-1000 LF, 1/2" - 1-1/2" Diameter Pipe	614.77	
23 01 20 00-0050	EA	Purge Liquid System, 1000-2000 LF, 1/2" - 1-1/2" Diameter Pipe	1,173.65	
23 01 20 00-0051	EA	Purge Liquid System, Up To 100 LF Of 2" - 4" Diameter Pipe	452.35	
23 01 20 00-0052	EA	Purge Liquid System, 101-250 LF Of 2" - 4" Diameter Pipe	645.51	
23 01 20 00-0053	EA	Purge Liquid System, 250-500 LF Of 2" - 4" Diameter Pipe	768.46	
23 01 20 00-0054	EA	Purge Liquid System, 500-1000 LF Of 2" - 4" Diameter Pipe	817.09	
23 01 20 00-0055	EA	Purge Liquid System, 1000-2000 LF Of 2" - 4" Diameter Pipe	1,574.40	
23 01 20 00-0056	EA	Purge Liquid System, Up To 100 LF Of 6" - 10" Diameter Pipe	557.68	
23 01 20 00-0057	EA	Purge Liquid System, 101-250 LF Of 6" - 10" Diameter Pipe	796.92	
23 01 20 00-0058	EA	Purge Liquid System, 250-500 LF Of 6" - 10" Diameter Pipe	2,084.77	
23 01 20 00-0059	EA	Purge Liquid System, 1000-2000 LF Of 6" - 10" Diameter Pipe	3,308.44	
23 01 30		**Operation and Maintenance of HVAC Air Distribution** *(23 01)*		
23 01 30 51		**HVAC Air-Distribution System Cleaning** *(23 01 30)*		
23 01 30 51-0001		**Special Cleaning Of Ductwork** *(23 01 30 51)*		
		Note: Includes sealing registers, grilles, diffusers as required.		
23 01 30 51-0002	LF	Clean Supply/Return Ductwork, Up To 2 SF Cross Section	2.56	
		For Exhaust Ductwork, Add	*0.64*	
23 01 30 51-0003	LF	Clean Supply/Return Ductwork, Over 2 SF To 4 SF Cross Section	3.21	
		For Exhaust Ductwork, Add	*0.80*	
23 01 30 51-0004	LF	Clean Supply/Return Ductwork, Over 4 SF To 8 SF Cross Section	4.31	
		For Exhaust Ductwork, Add	*1.08*	
23 01 30 51-0005	LF	Clean Supply/Return Ductwork, Over 8 SF Cross Section	6.09	
		For Exhaust Ductwork, Add	*1.52*	
23 01 30 51-0006	SF	Clean Duct Dampers	8.65	
23 01 30 51-0007	SF	Clean Duct Fire Dampers	17.29	
23 01 30 51-0008	SF	Clean Louver	6.92	
23 01 30 51-0009	EA	Clean Turning Vane Set	20.76	
23 01 30 51-0010	EA	Clean Grille/Diffuser/Register	20.76	
		Note: Includes removal and reinstallation.		
23 01 30 51-0011	LF	Clean Linear Diffuser	5.18	
		Note: Includes removal and reinstallation.		
23 01 30 51-0012	EA	Cut Access For Cleaning Duct And Install Duct Insulated Access Doors	69.19	11.62
		For Stainless Steel, Add	*45.00*	
23 01 30 51-0013	EA	Clean Variable Air Volume (VAV) Unit	62.26	
23 01 30 51-0014	EA	Clean Fan Powered Induction Unit (PIU) Unit	83.02	
23 01 30 51-0015	EA	Clean Fan Coil Unit (FCU) Unit	83.02	
23 01 30 51-0016	EA	Clean Supply Or Return Fan	166.04	
23 01 30 51-0017	EA	Clean Exhaust Fan	145.29	
23 01 30 51-0018	EA	Clean Duct Coil	124.53	
23 01 30 51-0019	SF	Clean Air Handling Unit Interior Housing, HEPA Vacuum	4.15	
		Note: Excluding fan and coils.		
23 01 30 51-0020	EA	Clean Air Handling Unit Fan	166.04	
23 01 30 51-0021	EA	Clean Air Handling Unit Coil	249.07	
23 01 30 51-0022	SF	Clean Equipment Surfaces, Rust Reform And Prime	2.09	
23 01 30 51-0023	SF	Clean Interior Equipment Surfaces, Rust Reform And Prime	2.50	
23 01 30 51-0024	SF	HEPA Vacuuming Of Walls, Ceilings And Floors In Mechanical Rooms	0.50	
23 01 30 51-0025	EA	Cleaning Of Ductwork Minimum Set-up Charge	599.60	
		Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
23 01 50		**Operation and Maintenance of Central Heating Equipment** *(23 01)*		
23 01 50 00-0001		**Boiler And Chiller Water Treatment** *(23 01 50)*		
		Note: 3 LB chemical per 50 gallon system water.		
23 01 50 00-0002	LB	Boil Out Boiler And System With Caustic Soda	0.81	
		Note: Includes disposal after treatment.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 50 00-0003	LB	Boil Out Boiler And System With Trisodium Phosphate Note: Includes disposal after treatment.	1.22	
23 01 50 00-0004	GAL	Corrosion Resistant Chemical Treatment, Based On Gallons Of Chemical Required	76.18	

23 01 50 00-0005 Boiler Repairs *(23 01 50)*

23 01 50 00-0006 Setup And Maintenance *(23 01 50 00-0005)*

23 01 50 00-0007	EA	Set-up Charge For Boiler Fire Side Maintenance Note: Includes removing/relocating doors, plates, portals, and burners required to access fireside.	2,153.31	
23 01 50 00-0008	EA	Close-up Charge For Boiler Fire Side Maintenance Note: Includes replacement of doors, plates, portals, burners, adhesive, rope, wool, and seals.	2,267.10	
		For Burner Seals, Add *Note: Used when burner must be removed from door for maintenance.*	*615.33*	
23 01 50 00-0009	EA	Setup Charge For Boiler Water Side Maintenance Note: Includes closing valves, draining, and positioning equipment needed for tube replacement.	2,871.08	
23 01 50 00-0010	EA	Up To 100 HP, Hydrostatic Test - Boiler Maintenance Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	1,435.55	
23 01 50 00-0011	EA	>100 HP, Hydrostatic Test - Boiler Maintenance Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	2,871.08	
23 01 50 00-0012	EA	Remove And Replace Handhole	89.72	
23 01 50 00-0013	EA	Remove And Replace Manhole	269.16	
23 01 50 00-0014	SF	Sheet Metal Jacket Patch	10.71	

23 01 50 00-0015 Boiler Tube Replacement *(23 01 50 00-0005)*

23 01 50 00-0016	EA	Remove Up To 2" Boiler Tube	215.33	
23 01 50 00-0017	EA	Remove >2" To 3" Boiler Tube	269.17	
23 01 50 00-0018	EA	Remove >3" To 4" Boiler Tube	376.82	
23 01 50 00-0019	LF	Place 1-1/2" Boiler Tube Into Position For Termination	6.49	
23 01 50 00-0020	LF	Place 2" Boiler Tube Into Position For Termination	7.51	
23 01 50 00-0021	LF	Place 2-1/2" Boiler Tube Into Position For Termination	8.54	
23 01 50 00-0022	LF	Place 3" Boiler Tube Into Position For Termination	11.93	
23 01 50 00-0023	LF	Place 3-1/2" Boiler Tube Into Position For Termination	13.88	
23 01 50 00-0024	LF	Place 4" Boiler Tube Into Position For Termination	17.55	
23 01 50 00-0025	EA	1-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	26.91	
23 01 50 00-0026	EA	2" Rolled Boiler Tube Termination (2 Per New Tube)	40.37	
23 01 50 00-0027	EA	2-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	53.83	
23 01 50 00-0028	EA	3" Rolled Boiler Tube Termination (2 Per New Tube)	67.30	
23 01 50 00-0029	EA	3-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	80.75	
23 01 50 00-0030	EA	4" Rolled Boiler Tube Termination (2 Per New Tube)	94.21	
23 01 50 00-0031	EA	1-1/2" Welded Boiler Tube Termination (2 Per New Tube)	80.75	
23 01 50 00-0032	EA	2" Welded Boiler Tube Termination (2 Per New Tube)	107.67	
23 01 50 00-0033	EA	2-1/2" Welded Boiler Tube Termination (2 Per New Tube)	134.58	
23 01 50 00-0034	EA	3" Welded Boiler Tube Termination (2 Per New Tube)	161.50	
23 01 50 00-0035	EA	3-1/2" Welded Boiler Tube Termination (2 Per New Tube)	188.42	
23 01 50 00-0036	EA	4" Welded Boiler Tube Termination (2 Per New Tube)	215.33	
23 01 50 00-0037	EA	Plug Boiler Tube Hole Where Boiler Tube Is Not Replaced	222.99	

23 01 50 00-0038 Cast Iron Boiler Section Replacement *(23 01 50 00-0005)*

23 01 50 00-0039	EA	Replace Front Section Of Weil McLain Model 80 Cast Iron Boiler	2,290.25	
23 01 50 00-0040	EA	Replace Rear Section Of Weil McLain Model 80 Cast Iron Boiler	1,549.37	
23 01 50 00-0041	EA	Replace Inside Section Of Weil McLain Model 80 Cast Iron Boiler	1,999.19	
23 01 50 00-0042	EA	Replace Front Section Of Weil McLain Model 88 Cast Iron Boiler	4,167.63	
23 01 50 00-0043	EA	Replace Rear Section Of Weil McLain Model 88 Cast Iron Boiler	3,022.84	
23 01 50 00-0044	EA	Replace Inside Section Of Weil McLain Model 88 Cast Iron Boiler	3,610.92	
23 01 50 00-0045	EA	Replace Front Section Of Weil McLain Model 94 Cast Iron Boiler	6,698.29	
23 01 50 00-0046	EA	Replace Rear Section Of Weil McLain Model 94 Cast Iron Boiler	5,133.28	
23 01 50 00-0047	EA	Replace Inside Section Of Weil McLain Model 94 Cast Iron Boiler	5,640.54	

23 01 50 00-0048 Cast Iron Grate Replacement *(23 01 50 00-0005)*

23 01 50 00-0049	SF	Replace Cast Iron Boiler Grates, Prepared From Casting Mold Note: Includes support, linkages and removal of existing.	110.54	
23 01 50 00-0050	EA	Prepare Cast Iron Boiler Grate Mold Note: Includes preparing unique size mold for grate casting. Mold to be used for multiple castings.	1,544.88	

23 01 50 00-0051 Replacement Or Conversion Of Boiler Burners *(23 01 50 00-0005)*

Note: Includes mounting plate, mechanical and electrical labor for installation of burners.

23 01 50 00-0052	EA	700 MBH Max Input Burner With 2" Boiler Connection, Screwed	5,881.42	1,013.39
23 01 50 00-0053	EA	2100 MBH Max Input Burner With 2-1/2" Boiler Connection, Screwed	8,344.46	1,254.65
23 01 50 00-0054	EA	2800 MBH Max Input Burner With 3" Boiler Connection, Screwed	9,882.38	1,519.99
23 01 50 00-0055	EA	3800 MBH Max Input Burner With 4" Boiler Connection, Flanged	11,548.60	1,635.07

23 01 60 Operation and Maintenance of Central Cooling Equipment *(23 01)*

23 01 60 00-0001 Refrigerant Recovery, Reclaim And Recycling *(23 01 60)*

23 01 60 00-0002	LB	Recovery Of Refrigerant	8.09	
23 01 60 00-0003	LB	Recovery And Recharging Of Refrigerant	15.17	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 05 Common Work Results For HVAC *(23)*

23 05 13 Common Motor Requirements For HVAC Equipment *(23 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor.

23 05 13 00-0001 Premium Efficient, Motors *(23 05 13)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. Excludes installation. See CSI section 23 05 13 00-0216 for installation.

23 05 13 00-0002 Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, open drip proof, three phase AC motors.

23 05 13 00-0003 Steel Frame, Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0002)*

23 05 13 00-0004	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	374.10
23 05 13 00-0005	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	423.60
23 05 13 00-0006	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	496.64
23 05 13 00-0007	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	417.11
23 05 13 00-0008	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	443.08
23 05 13 00-0009	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	581.03
23 05 13 00-0010	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	490.15
23 05 13 00-0011	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	474.73
23 05 13 00-0012	EA	2 HP, 1,200 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	594.02
23 05 13 00-0013	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	496.64
23 05 13 00-0014	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	512.06
23 05 13 00-0015	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	756.32
23 05 13 00-0016	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	542.08
23 05 13 00-0017	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	560.75
23 05 13 00-0018	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	990.84
23 05 13 00-0019	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	860.19
23 05 13 00-0020	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	824.48
23 05 13 00-0021	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,188.04
23 05 13 00-0022	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	983.54
23 05 13 00-0023	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	998.14
23 05 13 00-0024	EA	10 HP, 1,200 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,545.91
23 05 13 00-0025	EA	15 HP, 3,600 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,397.40
23 05 13 00-0026	EA	15 HP, 1,800 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,413.63
23 05 13 00-0027	EA	15 HP, 1,200 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,084.74
23 05 13 00-0028	EA	20 HP, 3,600 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,641.66
23 05 13 00-0029	EA	20 HP, 1,800 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,774.75
23 05 13 00-0030	EA	20 HP, 1,200 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,537.56
23 05 13 00-0031	EA	25 HP, 3,600 RPM, 284TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,971.13
23 05 13 00-0032	EA	25 HP, 1,800 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,163.46
23 05 13 00-0033	EA	25 HP, 1,200 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,065.04
23 05 13 00-0034	EA	30 HP, 3,600 RPM, 286TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,325.76
23 05 13 00-0035	EA	30 HP, 1,800 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,365.52
23 05 13 00-0036	EA	30 HP, 1,200 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,197.31
23 05 13 00-0037	EA	40 HP, 3,600 RPM, 324TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,996.87
23 05 13 00-0038	EA	40 HP, 1,800 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,086.13
23 05 13 00-0039	EA	50 HP, 3,600 RPM, 326TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,263.85
23 05 13 00-0040	EA	50 HP, 1,800 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,405.87
23 05 13 00-0041	EA	60 HP, 3,600 RPM, 364TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,129.72
23 05 13 00-0042	EA	60 HP, 1,800 RPM, 364T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,287.97
23 05 13 00-0043	EA	75 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,417.57
23 05 13 00-0044	EA	75 HP, 1,800 RPM, 365T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,263.39
23 05 13 00-0045	EA	100 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,790.86
23 05 13 00-0046	EA	100 HP, 1,800 RPM, 404T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,123.58
23 05 13 00-0047	EA	125 HP, 3,600 RPM, 404TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	7,267.79
23 05 13 00-0048	EA	125 HP, 1,800 RPM, 405T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	7,512.06
23 05 13 00-0049	EA	150 HP, 3,600 RPM, 405TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	8,965.45

23 05 13 00-0050 Cast Iron Frame, Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0002)*

23 05 13 00-0051	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	4,554.95
23 05 13 00-0052	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	5,514.14
23 05 13 00-0053	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	7,000.81
23 05 13 00-0054	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	7,794.46
23 05 13 00-0055	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	8,579.18
23 05 13 00-0056	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	9,264.90
23 05 13 00-0057	EA	150 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	8,344.65
23 05 13 00-0058	EA	150 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	10,911.43
23 05 13 00-0059	EA	200 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	10,159.98
23 05 13 00-0060	EA	200 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	10,427.78
23 05 13 00-0061	EA	200 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	14,343.26

23 05 13 00-0062 Premium Efficient, TEFC Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, totally enclosed fan cooled, three phase AC motors.

23 05 13 00-0063 Steel Frame, Premium Efficient, TEFC Motors *(23 05 13 00-0062)*

23 05 13 00-0064	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, TEFC Motor	437.40
23 05 13 00-0065	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor	482.03
23 05 13 00-0066	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	573.73
23 05 13 00-0067	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor	495.83
23 05 13 00-0068	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	500.70
23 05 13 00-0069	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	542.89
23 05 13 00-0070	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	519.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0071	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor	602.13	
23 05 13 00-0072	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor	573.73	
23 05 13 00-0073	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	921.05	
23 05 13 00-0074	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor	667.86	
23 05 13 00-0075	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor	628.10	
23 05 13 00-0076	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,040.34	
23 05 13 00-0077	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,000.58	
23 05 13 00-0078	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	905.63	
23 05 13 00-0079	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,014.38	
23 05 13 00-0080	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,022.49	
23 05 13 00-0081		Cast Iron Frame, Premium Efficient, TEFC Motors *(23 05 13 00-0062)*		
23 05 13 00-0082	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	624.04	
23 05 13 00-0083	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	698.70	
23 05 13 00-0084	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	658.94	
23 05 13 00-0085	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	646.77	
23 05 13 00-0086	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	831.79	
23 05 13 00-0087	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	693.02	
23 05 13 00-0088	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	677.60	
23 05 13 00-0089	EA	2 HP, 1,200 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	844.77	
23 05 13 00-0090	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	748.20	
23 05 13 00-0091	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	769.30	
23 05 13 00-0092	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,052.52	
23 05 13 00-0093	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	921.05	
23 05 13 00-0094	EA	5 HP, 1,800 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	770.11	
23 05 13 00-0095	EA	5 HP, 1,200 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,221.31	
23 05 13 00-0096	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,066.31	
23 05 13 00-0097	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,027.36	
23 05 13 00-0098	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,741.48	
23 05 13 00-0099	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,249.71	
23 05 13 00-0100	EA	10 HP, 1,800 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,152.33	
23 05 13 00-0101	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,988.18	
23 05 13 00-0102	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,722.00	
23 05 13 00-0103	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,575.93	
23 05 13 00-0104	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,651.98	
23 05 13 00-0105	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,889.98	
23 05 13 00-0106	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,911.08	
23 05 13 00-0107	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,530.84	
23 05 13 00-0108	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,466.15	
23 05 13 00-0109	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,499.42	
23 05 13 00-0110	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,995.01	
23 05 13 00-0111	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,930.33	
23 05 13 00-0112	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,965.22	
23 05 13 00-0113	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,615.00	
23 05 13 00-0114	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,016.92	
23 05 13 00-0115	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,877.35	
23 05 13 00-0116	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,751.10	
23 05 13 00-0117	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,394.27	
23 05 13 00-0118	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,237.65	
23 05 13 00-0119	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,949.69	
23 05 13 00-0120	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,173.08	
23 05 13 00-0121	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,097.61	
23 05 13 00-0122	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,435.54	
23 05 13 00-0123	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,181.78	
23 05 13 00-0124	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,129.84	
23 05 13 00-0125	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	9,823.21	
23 05 13 00-0126	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,854.28	
23 05 13 00-0127	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	10,961.74	
23 05 13 00-0128	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	12,609.09	
23 05 13 00-0129	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	15,846.97	
23 05 13 00-0130		Premium Efficient, Severe Duty Motors *(23 05 13 00-0001)*		
		Note: NEMA premium efficiency, severe duty, three phase AC motors.		
23 05 13 00-0131	EA	1 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	648.39	
23 05 13 00-0132	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	712.50	
23 05 13 00-0133	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	787.16	
23 05 13 00-0134	EA	1 HP, 900 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,106.07	
23 05 13 00-0135	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	737.65	
23 05 13 00-0136	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	726.29	
23 05 13 00-0137	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	921.05	
23 05 13 00-0138	EA	1-1/2 HP, 900 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,376.30	
23 05 13 00-0139	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	771.74	
23 05 13 00-0140	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	757.94	
23 05 13 00-0141	EA	2 HP, 1,200 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	933.22	
23 05 13 00-0142	EA	2 HP, 900 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,735.80	
23 05 13 00-0143	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	912.94	
23 05 13 00-0144	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	959.19	
23 05 13 00-0145	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,347.09	
23 05 13 00-0146	EA	3 HP, 900 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,882.68	
23 05 13 00-0147	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,123.12	
23 05 13 00-0148	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	976.23	
23 05 13 00-0149	EA	5 HP, 1,200 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,364.94	
23 05 13 00-0150	EA	5 HP, 900 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,996.87	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0151	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,465.57	
23 05 13 00-0152	EA	7-1/2 HP, 1,800 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,229.42	
23 05 13 00-0153	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,953.28	
23 05 13 00-0154	EA	7-1/2 HP, 900 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,426.96	
23 05 13 00-0155	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,560.51	
23 05 13 00-0156	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,472.06	
23 05 13 00-0157	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,537.56	
23 05 13 00-0158	EA	10 HP, 900 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,997.45	
23 05 13 00-0159	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,996.29	
23 05 13 00-0160	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,875.38	
23 05 13 00-0161	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,909.23	
23 05 13 00-0162	EA	15 HP, 900 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,336.42	
23 05 13 00-0163	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,329.00	
23 05 13 00-0164	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,011.71	
23 05 13 00-0165	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,952.82	
23 05 13 00-0166	EA	20 HP, 900 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,083.82	
23 05 13 00-0167	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,798.86	
23 05 13 00-0168	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,632.51	
23 05 13 00-0169	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,130.54	
23 05 13 00-0170	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,412.36	
23 05 13 00-0171	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,125.90	
23 05 13 00-0172	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,325.06	
23 05 13 00-0173	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,688.04	
23 05 13 00-0174	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,089.96	
23 05 13 00-0175	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,637.26	
23 05 13 00-0176	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,912.82	
23 05 13 00-0177	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,800.83	
23 05 13 00-0178	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,069.79	
23 05 13 00-0179	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,129.84	
23 05 13 00-0180	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,434.38	
23 05 13 00-0181	EA	60 HP, 1,800 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,656.85	
23 05 13 00-0182	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,970.55	
23 05 13 00-0183	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,518.55	
23 05 13 00-0184	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	11,752.95	
23 05 13 00-0185	EA	100 HP, 3,600 RPM, 405TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	10,018.78	
23 05 13 00-0186	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,869.46	
23 05 13 00-0187	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	12,927.20	
23 05 13 00-0188	EA	125 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	11,772.43	
23 05 13 00-0189	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	11,667.75	
23 05 13 00-0190	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	14,603.75	
23 05 13 00-0191	EA	150 HP, 3,600 RPM, 445TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,801.18	
23 05 13 00-0192	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,668.91	
23 05 13 00-0193	EA	150 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	16,465.34	
23 05 13 00-0194	EA	200 HP, 3,600 RPM, 447TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	16,342.80	
23 05 13 00-0195	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	16,443.42	
23 05 13 00-0196	EA	200 HP, 1,200 RPM, 449T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	21,568.05	

23 05 13 00-0197 Premium Efficient, Explosion Proof Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, explosion proof, three phase AC motors.

23 05 13 00-0198	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	865.06	
23 05 13 00-0199	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	895.90	
23 05 13 00-0200	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	977.05	
23 05 13 00-0201	EA	3 HP, 1,800 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,207.51	
23 05 13 00-0202	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,338.98	
23 05 13 00-0203	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,845.35	
23 05 13 00-0204	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,883.49	
23 05 13 00-0205	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,549.73	
23 05 13 00-0206	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,906.79	
23 05 13 00-0207	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,818.92	
23 05 13 00-0208	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	4,286.34	
23 05 13 00-0209	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	5,605.03	
23 05 13 00-0210	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	6,312.66	
23 05 13 00-0211	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	8,830.74	
23 05 13 00-0212	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	10,366.91	
23 05 13 00-0213	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	12,628.56	
23 05 13 00-0214	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	16,505.91	
23 05 13 00-0215	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	18,833.29	

23 05 13 00-0216 Motor Mounting *(23 05 13)*

Note: Includes handling and motor installation on mounting base. Excludes mounting base.

23 05 13 00-0217	EA	1/2 HP Motor Mounting	129.63	65.96
23 05 13 00-0218	EA	3/4 HP Motor Mounting	149.36	82.45
23 05 13 00-0219	EA	1 HP Motor Mounting	159.78	82.45
23 05 13 00-0220	EA	1-1/2 HP Motor Mounting	171.76	82.45
23 05 13 00-0221	EA	2 HP Motor Mounting	185.69	98.93
23 05 13 00-0222	EA	3 HP Motor Mounting	214.70	98.93
23 05 13 00-0223	EA	5 HP Motor Mounting	254.46	164.89
23 05 13 00-0224	EA	7-1/2 HP Motor Mounting	327.17	164.89
23 05 13 00-0225	EA	10 HP Motor Mounting	429.41	288.56
23 05 13 00-0226	EA	15 HP Motor Mounting	528.50	288.56
23 05 13 00-0227	EA	20 HP Motor Mounting	624.59	412.23
23 05 13 00-0228	EA	25 HP Motor Mounting	708.29	412.23
23 05 13 00-0229	EA	30 HP Motor Mounting	858.80	412.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0230	EA	40 HP Motor Mounting	967.67	618.34
23 05 13 00-0231	EA	50 HP Motor Mounting	1,073.51	618.34
23 05 13 00-0232	EA	75 HP Motor Mounting	1,296.31	906.90
23 05 13 00-0233	EA	100 HP Motor Mounting	1,561.46	906.90
23 05 13 00-0234	EA	125 HP Motor Mounting	1,908.45	1,236.67
23 05 13 00-0235	EA	150 HP Motor Mounting	2,216.27	1,236.67
23 05 13 00-0236	EA	200 HP Motor Mounting	2,544.60	1,484.01

23 05 16 Expansion Fittings And Loops For HVAC Piping *(23 05)*

23 05 16 00-0001 Stainless Steel Bellows Type Expansion Joints *(23 05 16)*

Note: Includes internal sleeves and external covers.

23 05 16 00-0002 Threaded Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*

Note: Pressure rating 150 LB.

23 05 16 00-0003	EA	1/2" Threaded Stainless Steel Bellows Type Expansion Joint	189.02	83.25
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*5.61*	
23 05 16 00-0004	EA	3/4" Threaded Stainless Steel Bellows Type Expansion Joint	212.22	93.88
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*6.14*	
23 05 16 00-0005	EA	1" Threaded Stainless Steel Bellows Type Expansion Joint	247.20	107.62
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*8.01*	
23 05 16 00-0006	EA	1-1/4" Threaded Stainless Steel Bellows Type Expansion Joint	278.42	120.12
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*9.61*	
23 05 16 00-0007	EA	1-1/2" Threaded Stainless Steel Bellows Type Expansion Joint	300.89	129.11
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*10.67*	
23 05 16 00-0008	EA	2" Threaded Stainless Steel Bellows Type Expansion Joint	348.60	151.92
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*11.21*	

23 05 16 00-0009 Flanged Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*

Note: Pressure rating 150 LB.

23 05 16 00-0010	EA	1-1/4" Flanged Stainless Steel Bellows Type Expansion Joint	666.02	76.05
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*128.49*	
23 05 16 00-0011	EA	1-1/2" Flanged Stainless Steel Bellows Type Expansion Joint	700.91	76.63
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*136.89*	
23 05 16 00-0012	EA	2" Flanged Stainless Steel Bellows Type Expansion Joint	706.12	79.29
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*136.92*	
23 05 16 00-0013	EA	2-1/2" Flanged Stainless Steel Bellows Type Expansion Joint	761.09	86.42
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*147.06*	
23 05 16 00-0014	EA	3" Flanged Stainless Steel Bellows Type Expansion Joint	838.80	101.63
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*158.91*	
23 05 16 00-0015	EA	4" Flanged Stainless Steel Bellows Type Expansion Joint	1,089.87	202.22
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*171.41*	
23 05 16 00-0016	EA	5" Flanged Stainless Steel Bellows Type Expansion Joint	1,414.52	196.37
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*255.57*	
23 05 16 00-0017	EA	6" Flanged Stainless Steel Bellows Type Expansion Joint	1,310.33	217.41
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*218.88*	
23 05 16 00-0018	EA	8" Flanged Stainless Steel Bellows Type Expansion Joint	1,630.56	248.45
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*283.71*	
23 05 16 00-0019	EA	10" Flanged Stainless Steel Bellows Type Expansion Joint	2,075.50	304.38
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*366.99*	
23 05 16 00-0020	EA	12" Flanged Stainless Steel Bellows Type Expansion Joint	2,729.91	368.90
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*497.78*	
23 05 16 00-0021	EA	14" Flanged Stainless Steel Bellows Type Expansion Joint	3,360.86	375.69
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*652.33*	
23 05 16 00-0022	EA	16" Flanged Stainless Steel Bellows Type Expansion Joint	4,483.57	469.61
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*886.76*	

23 05 16 00-0023 Butt Weld Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*

Note: Pressure rating 150 LB.

23 05 16 00-0024	EA	1-1/4" Butt Weld Stainless Steel Bellows Type Expansion Joint	640.90	114.09
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*103.20*	
23 05 16 00-0025	EA	1-1/2" Butt Weld Stainless Steel Bellows Type Expansion Joint	669.89	115.04
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		For 300 LB Rating, Add	*109.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0026	EA	2" Butt Weld Stainless Steel Bellows Type Expansion Joint Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.	677.79	118.85
		For 300 LB Rating, Add	*109.97*	
23 05 16 00-0027	EA	2-1/2" Butt Weld Stainless Steel Bellows Type Expansion Joint Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.	731.93	129.58
		For 300 LB Rating, Add	*118.12*	
23 05 16 00-0028	EA	3" Butt Weld Stainless Steel Bellows Type Expansion Joint Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.	816.70	152.40
		For 300 LB Rating, Add	*127.90*	
23 05 16 00-0029	EA	4" Butt Weld Stainless Steel Bellows Type Expansion Joint Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.	1,157.04	303.47
		For 300 LB Rating, Add	*137.68*	
23 05 16 00-0030	EA	5" Butt Weld Stainless Steel Bellows Type Expansion Joint Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.	1,408.69	294.55
		For 300 LB Rating, Add	*205.27*	
23 05 16 00-0031	EA	6" Butt Weld Stainless Steel Bellows Type Expansion Joint Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.	1,354.97	326.12
		For 300 LB Rating, Add	*175.80*	
23 05 16 00-0032	EA	8" Butt Weld Stainless Steel Bellows Type Expansion Joint Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.	1,655.68	372.65
		For 300 LB Rating, Add	*227.87*	
23 05 16 00-0033	EA	10" Butt Weld Stainless Steel Bellows Type Expansion Joint Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.	2,090.36	456.57
		For 300 LB Rating, Add	*294.76*	
23 05 16 00-0034	EA	12" Butt Weld Stainless Steel Bellows Type Expansion Joint Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.	2,706.07	553.45
		For 300 LB Rating, Add	*399.81*	
23 05 16 00-0035	EA	14" Butt Weld Stainless Steel Bellows Type Expansion Joint Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.	3,304.25	563.53
		For 300 LB Rating, Add	*544.23*	
23 05 16 00-0036	EA	16" Butt Weld Stainless Steel Bellows Type Expansion Joint Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.	4,368.40	704.42
		For 300 LB Rating, Add	*739.82*	

23 05 16 00-0037 EPDM Bellows Type Expansion Joints *(23 05 16)*

23 05 16 00-0038 Flanged EDPM Bellows Type Expansion Joints *(23 05 16 00-0037)*

Note: Pressure rating 150 LB.

23 05 16 00-0039	EA	2" Flanged EPDM Bellows Type Expansion Joint Note: 150# pressure rating.	430.10	79.29
23 05 16 00-0040	EA	2-1/2" Flanged EPDM Bellows Type Expansion Joint Note: 150# pressure rating.	464.63	86.42
23 05 16 00-0041	EA	3" Flanged EPDM Bellows Type Expansion Joint Note: 150# pressure rating.	518.44	101.63
23 05 16 00-0042	EA	4" Flanged EPDM Bellows Type Expansion Joint Note: 150# pressure rating.	744.31	202.12
23 05 16 00-0043	EA	5" Flanged EPDM Bellows Type Expansion Joint Note: 150# pressure rating.	899.30	196.11
23 05 16 00-0044	EA	6" Flanged EPDM Bellows Type Expansion Joint Note: 150# pressure rating.	869.08	217.41
23 05 16 00-0045	EA	8" Flanged EPDM Bellows Type Expansion Joint Note: 150# pressure rating.	1,058.62	247.85
23 05 16 00-0046	EA	10" Flanged EPDM Bellows Type Expansion Joint Note: 150# pressure rating.	1,335.66	303.76
23 05 16 00-0047	EA	12" Flanged EPDM Bellows Type Expansion Joint Note: 150# pressure rating.	1,726.40	369.34
23 05 16 00-0048	EA	14" Flanged EPDM Bellows Type Expansion Joint Note: 150# pressure rating.	2,045.80	375.78
23 05 16 00-0049	EA	16" Flanged EPDM Bellows Type Expansion Joint Note: 150# pressure rating.	2,695.92	468.31
23 05 16 00-0050	EA	18" Flanged EPDM Bellows Type Expansion Joint Note: 150# pressure rating.	3,460.65	531.35
23 05 16 00-0051	EA	20" Flanged EPDM Bellows Type Expansion Joint Note: 150# pressure rating.	4,006.11	597.88
23 05 16 00-0052	EA	24" Flanged EPDM Bellows Type Expansion Joint Note: 150# pressure rating.	4,661.42	733.55
23 05 16 00-0053	EA	30" Flanged EPDM Bellows Type Expansion Joint Note: 150# pressure rating.	6,306.58	1,195.77
23 05 16 00-0054	EA	36" Flanged EPDM Bellows Type Expansion Joint Note: 150# pressure rating.	7,987.91	1,521.89

23 05 16 00-0055 Chlorobutyl (CllR) And Polyester Bellows Type Expansion Joints *(23 05 16)*

23 05 16 00-0056 Flanged Chlorobutyl And Polyester Bellows Type Expansion Joints *(23 05 16 00-0055)*

Note: Pressure rating 150 LB.

23 05 16 00-0057	EA	2" Flanged CllR And Polyester Bellows Type Expansion Joint Note: 150# pressure rating.	498.03	79.29
23 05 16 00-0058	EA	2-1/2" Flanged CllR And Polyester Bellows Type Expansion Joint Note: 150# pressure rating.	537.59	86.42
23 05 16 00-0059	EA	3" Flanged CllR And Polyester Bellows Type Expansion Joint Note: 150# pressure rating.	597.28	101.63
23 05 16 00-0060	EA	4" Flanged CllR And Polyester Bellows Type Expansion Joint Note: 150# pressure rating.	829.35	202.12
23 05 16 00-0061	EA	5" Flanged CllR And Polyester Bellows Type Expansion Joint Note: 150# pressure rating.	1,026.09	196.11
23 05 16 00-0062	EA	6" Flanged CllR And Polyester Bellows Type Expansion Joint Note: 150# pressure rating.	977.67	217.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0063	EA	8" Flanged ClIR And Polyester Bellows Type Expansion Joint Note: 150# pressure rating.	1,199.37	247.85
23 05 16 00-0064	EA	10" Flanged ClIR And Polyester Bellows Type Expansion Joint Note: 150# pressure rating.	1,517.73	303.76
23 05 16 00-0065	EA	12" Flanged ClIR And Polyester Bellows Type Expansion Joint Note: 150# pressure rating.	1,973.36	369.34
23 05 16 00-0066	EA	14" Flanged ClIR And Polyester Bellows Type Expansion Joint Note: 150# pressure rating.	2,369.42	375.78
23 05 16 00-0067	EA	16" Flanged ClIR And Polyester Bellows Type Expansion Joint Note: 150# pressure rating.	3,135.84	468.31
23 05 16 00-0068	EA	18" Flanged ClIR And Polyester Bellows Type Expansion Joint Note: 150# pressure rating.	4,059.86	531.35
23 05 16 00-0069	EA	20" Flanged ClIR And Polyester Bellows Type Expansion Joint Note: 150# pressure rating.	4,709.36	597.88
23 05 16 00-0070	EA	24" Flanged ClIR And Polyester Bellows Type Expansion Joint Note: 150# pressure rating.	5,459.32	733.55
23 05 16 00-0071	EA	30" Flanged ClIR And Polyester Bellows Type Expansion Joint Note: 150# pressure rating.	7,284.24	1,195.77
23 05 16 00-0072	EA	36" Flanged ClIR And Polyester Bellows Type Expansion Joint Note: 150# pressure rating.	9,224.18	1,521.89

23 05 16 00-0073 Neoprene Bellows Type Expansion Joints *(23 05 16)*

23 05 16 00-0074 Flanged Neoprene Bellows Type Expansion Joints *(23 05 16 00-0073)*

Note: Pressure rating 150 LB.

23 05 16 00-0075	EA	2" Flanged Neoprene Bellows Type Expansion Joint Note: Cast iron ends. 150# pressure rating.	433.06	79.38
23 05 16 00-0076	EA	2-1/2" Flanged Neoprene Bellows Type Expansion Joint Note: Cast iron ends. 150# pressure rating.	462.72	86.52
23 05 16 00-0077	EA	3" Flanged Neoprene Bellows Type Expansion Joint Note: Cast iron ends. 150# pressure rating.	496.82	101.73
23 05 16 00-0078	EA	4" Flanged Neoprene Bellows Type Expansion Joint Note: Cast iron ends. 150# pressure rating.	732.22	202.03
23 05 16 00-0079	EA	5" Flanged Neoprene Bellows Type Expansion Joint Note: Cast iron ends. 150# pressure rating.	792.69	196.11
23 05 16 00-0080	EA	6" Flanged Neoprene Bellows Type Expansion Joint Note: Cast iron ends. 150# pressure rating.	841.64	217.41
23 05 16 00-0081	EA	8" Flanged Neoprene Bellows Type Expansion Joint Note: Cast iron ends. 150# pressure rating.	978.82	247.85
23 05 16 00-0082	EA	10" Flanged Neoprene Bellows Type Expansion Joint Note: Cast iron ends. 150# pressure rating.	1,128.77	303.94
23 05 16 00-0083	EA	12" Flanged Neoprene Bellows Type Expansion Joint Note: Cast iron ends. 150# pressure rating.	1,298.15	369.16
23 05 16 00-0084	EA	14" Flanged Neoprene Bellows Type Expansion Joint Note: Cast iron ends. 150# pressure rating.	1,495.26	375.69
23 05 16 00-0085	EA	16" Flanged Neoprene Bellows Type Expansion Joint Note: Cast iron ends. 150# pressure rating.	1,947.23	468.31
23 05 16 00-0086	EA	18" Flanged Neoprene Bellows Type Expansion Joint Note: Cast iron ends. 150# pressure rating.	2,437.25	531.35
23 05 16 00-0087	EA	20" Flanged Neoprene Bellows Type Expansion Joint Note: Cast iron ends. 150# pressure rating.	2,814.54	597.88
23 05 16 00-0088	EA	24" Flanged Neoprene Bellows Type Expansion Joint Note: Cast iron ends. 150# pressure rating.	3,307.45	733.55
23 05 16 00-0089	EA	30" Flanged Neoprene Bellows Type Expansion Joint Note: Cast iron ends. 150# pressure rating.	4,640.50	1,195.77
23 05 16 00-0090	EA	36" Flanged Neoprene Bellows Type Expansion Joint Note: Cast iron ends. 150# pressure rating.	5,885.12	1,521.89

23 05 16 00-0091 Steel Expansion Joints *(23 05 16)*

23 05 16 00-0092 Mercer Rubber, Series 451 *(23 05 16 00-0091)*

23 05 16 00-0093 Flanged Ends, Butyl, EPDM, Neoprene Or Nitrile, Pressure Rating 150 LB *(23 05 16 00-0092)*

23 05 16 00-0094	EA	1" x 6" Steel With Butyl, EPDM, Neoprene Or Nitrile Expansion Joint	282.37	71.31
23 05 16 00-0095	EA	1-1/4" x 6" Steel With Butyl, EPDM, Neoprene Or Nitrile Expansion Joint	303.06	76.05
23 05 16 00-0096	EA	1-1/2" x 6" Steel With Butyl, EPDM, Neoprene Or Nitrile Expansion Joint	331.95	76.54
23 05 16 00-0097	EA	2" x 6" Steel With Butyl, EPDM, Neoprene Or Nitrile Expansion Joint	359.71	79.19
23 05 16 00-0098	EA	2-1/2" x 6" Steel With Butyl, EPDM, Neoprene Or Nitrile Expansion Joint	402.24	86.52
23 05 16 00-0099	EA	3" x 6" Steel With Butyl, EPDM, Neoprene Or Nitrile Expansion Joint	589.65	171.86
23 05 16 00-0100	EA	4" x 6" Steel With Butyl, EPDM, Neoprene Or Nitrile Expansion Joint	725.51	220.20
23 05 16 00-0101	EA	5" x 6" Steel With Butyl, EPDM, Neoprene Or Nitrile Expansion Joint	793.35	240.13
23 05 16 00-0102	EA	6" x 6" Steel With Butyl, EPDM, Neoprene Or Nitrile Expansion Joint	809.38	217.41
23 05 16 00-0103	EA	8" x 6" Steel With Butyl, EPDM, Neoprene Or Nitrile Expansion Joint	1,016.85	248.45
23 05 16 00-0104	EA	10" x 8" Steel With Butyl, EPDM, Neoprene Or Nitrile Expansion Joint	1,390.45	295.51
23 05 16 00-0105	EA	12" x 8" Steel With Butyl, EPDM, Neoprene Or Nitrile Expansion Joint	1,768.67	370.04
23 05 16 00-0106	EA	14" x 8" Steel With Butyl, EPDM, Neoprene Or Nitrile Expansion Joint	1,880.62	375.69
23 05 16 00-0107	EA	16" x 8" Steel With Butyl, EPDM, Neoprene Or Nitrile Expansion Joint	2,205.57	468.31
23 05 16 00-0108	EA	18" x 8" Steel With Butyl, EPDM, Neoprene Or Nitrile Expansion Joint	2,432.41	531.35
23 05 16 00-0109	EA	20" x 8" Steel With Butyl, EPDM, Neoprene Or Nitrile Expansion Joint	2,884.28	597.97
23 05 16 00-0110	EA	24" x 10" Steel With Butyl, EPDM, Neoprene Or Nitrile Expansion Joint	3,508.79	734.16
23 05 16 00-0111	EA	30" x 10" Steel With Butyl, EPDM, Or Neoprene Expansion Joint	5,154.55	1,196.46
23 05 16 00-0112	EA	36" x 10" Steel With Butyl, EPDM, Or Neoprene Expansion Joint	6,185.56	1,521.89

23 05 16 00-0113 Flanged Ends, Pressure Rating 150 LB, Rubber Tube *(23 05 16 00-0092)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0114	EA	1" x 6" Steel With Rubber Tube Expansion Joint	258.64	71.31
23 05 16 00-0115	EA	1-1/4" x 6" Steel With Rubber Tube Expansion Joint	278.24	76.05
23 05 16 00-0116	EA	1-1/2" x 6" Steel With Rubber Tube Expansion Joint	304.40	76.54
23 05 16 00-0117	EA	2" x 6" Steel With Rubber Tube Expansion Joint	329.98	79.19
23 05 16 00-0118	EA	2-1/2" x 6" Steel With Rubber Tube Expansion Joint	369.78	86.52
23 05 16 00-0119	EA	3" x 6" Steel With Rubber Tube Expansion Joint	555.55	171.86
23 05 16 00-0120	EA	4" x 6" Steel With Rubber Tube Expansion Joint	682.55	220.20
23 05 16 00-0121	EA	5" x 6" Steel With Rubber Expansion Joint	747.66	240.13
23 05 16 00-0122	EA	6" x 6" Steel With Rubber Tube Expansion Joint	757.69	217.41
23 05 16 00-0123	EA	8" x 6" Steel With Rubber Tube Expansion Joint	940.88	248.45
23 05 16 00-0124	EA	10" x 8" Steel With Rubber Tube Expansion Joint	1,256.93	295.51
23 05 16 00-0125	EA	12" x 8" Steel With Rubber Tube Expansion Joint	1,617.84	370.04
23 05 16 00-0126	EA	14" x 8" Steel With Rubber Tube Expansion Joint	1,714.92	375.69
23 05 16 00-0127	EA	16" x 8" Steel With Rubber Tube Expansion Joint	2,026.23	468.31
23 05 16 00-0128	EA	18" x 8" Steel With Rubber Tube Expansion Joint	2,238.20	531.35
23 05 16 00-0129	EA	20" x 8" Steel With Rubber Tube Expansion Joint	2,648.88	597.97
23 05 16 00-0130	EA	24" x 10" Steel With Rubber Tube Expansion Joint	3,223.88	734.16
23 05 16 00-0131	EA	30" x 10" Steel With Rubber Tube Expansion Joint	4,637.83	1,196.46
23 05 16 00-0132	EA	36" x 10" Steel With Rubber Tube Expansion Joint	5,737.68	1,521.89
23 05 16 00-0133		Flanged Ends, Pressure Rating 125 LB, BUNA-N *(23 05 16 00-0091)*		
23 05 16 00-0134	EA	2" x 6" Steel With Buna-N Expansion Joint, 125 LB	335.03	79.19
23 05 16 00-0135	EA	3" x 6" Steel With Buna-N Expansion Joint, 125 LB	551.77	171.86
23 05 16 00-0136	EA	4" x 6" Steel With Buna-N Expansion Joint, 125 LB	677.51	220.20
23 05 16 00-0137	EA	6" x 6" Steel With Buna-N Expansion Joint, 125 LB	714.81	217.41
23 05 16 00-0138	EA	8" x 6" Steel With Buna-N Expansion Joint, 125 LB	839.99	248.45
23 05 16 00-0139	EA	10" x 8" Steel With Buna-N Expansion Joint, 125 LB	1,019.83	295.51
23 05 16 00-0140	EA	12" x 8" Steel With Neoprene Expansion Joint, 125 LB	1,247.04	370.04
23 05 16 00-0141		Mercer Rubber, Series 501 *(23 05 16 00-0091)*		
23 05 16 00-0142		Flanged End, EPDM Tube 501EE *(23 05 16 00-0141)*		
23 05 16 00-0143	EA	1-1/2" x 6" Steel With EPDM Tube Expansion Joint	465.84	76.54
23 05 16 00-0144	EA	2" x 6" Steel With EPDM Tube Expansion Joint	496.46	79.19
23 05 16 00-0145	EA	2-1/2" x 6" Steel With EPDM Tube Expansion Joint	521.12	86.52
23 05 16 00-0146	EA	3" x 6" Steel With EPDM Tube Expansion Joint	727.07	171.86
23 05 16 00-0147	EA	4" x 6" Steel With EPDM Tube Expansion Joint	884.34	220.20
23 05 16 00-0148	EA	5" x 6" Steel With EPDM Expansion Joint	964.59	240.13
23 05 16 00-0149	EA	6" x 6" Steel With EPDM Tube Expansion Joint	964.52	217.41
23 05 16 00-0150	EA	8" x 6" Steel With EPDM Tube Expansion Joint	1,218.35	248.45
23 05 16 00-0151	EA	10" x 8" Steel With EPDM Tube Expansion Joint	1,483.95	295.51
23 05 16 00-0152	EA	12" x 8" Steel With EPDM Tube Expansion Joint	1,754.04	370.04
23 05 16 00-0153	EA	14" x 8" Steel With EPDM Tube Expansion Joint	1,901.57	375.69
23 05 16 00-0154	EA	16" x 8" Steel With EPDM Tube Expansion Joint	2,187.66	468.31
23 05 16 00-0155	EA	18" x 8" Steel With EPDM Tube Expansion Joint	2,424.86	531.35
23 05 16 00-0156	EA	20" x 8" Steel With EPDM Tube Expansion Joint	2,820.41	597.97
23 05 16 00-0157	EA	24" x 10" Steel With EPDM Tube Expansion Joint	3,460.99	734.16
23 05 16 00-0158	EA	30" x 10" Steel With EPDM Tube Expansion Joint	5,132.22	1,196.46
23 05 16 00-0159	EA	36" x 10" Steel With EPDM Tube Expansion Joint	6,332.97	1,521.89
23 05 16 00-0160	EA	42" x 12" Steel With EPDM Tube Expansion Joint	7,601.83	1,803.21
23 05 16 00-0161	EA	48" x 12" Steel With EPDM Tube Expansion Joint	8,760.98	2,087.67
23 05 16 00-0162	EA	60" x 12" Steel With EPDM Tube Expansion Joint	10,582.28	2,392.92
23 05 16 00-0163		Flanged End, Natural Rubber Tube 501RR *(23 05 16 00-0141)*		
23 05 16 00-0164	EA	1-1/2" x 6" Steel With Natural Rubber Tube Expansion Joint	445.66	76.54
23 05 16 00-0165	EA	2" x 6" Steel With Natural Rubber Tube Expansion Joint	471.24	79.19
23 05 16 00-0166	EA	2-1/2" x 6" Steel With Natural Rubber Tube Expansion Joint	495.90	86.52
23 05 16 00-0167	EA	3" x 6" Steel With Natural Rubber Tube Expansion Joint	696.81	171.86
23 05 16 00-0168	EA	4" x 6" Steel With Natural Rubber Tube Expansion Joint	849.03	220.20
23 05 16 00-0169	EA	5" x 6" Steel With Natural Rubber Expansion Joint	929.28	240.13
23 05 16 00-0170	EA	6" x 6" Steel With Natural Rubber Tube Expansion Joint	924.17	217.41
23 05 16 00-0171	EA	8" x 6" Steel With Natural Rubber Tube Expansion Joint	1,162.85	248.45
23 05 16 00-0172	EA	10" x 8" Steel With Natural Rubber Tube Expansion Joint	1,418.37	295.51
23 05 16 00-0173	EA	12" x 8" Steel With Natural Rubber Tube Expansion Joint	1,678.37	370.04
23 05 16 00-0174	EA	14" x 8" Steel With Natural Rubber Tube Expansion Joint	1,815.81	375.69
23 05 16 00-0175	EA	16" x 8" Steel With Natural Rubber Tube Expansion Joint	2,096.85	468.31
23 05 16 00-0176	EA	18" x 8" Steel With Natural Rubber Tube Expansion Joint	2,318.92	531.35
23 05 16 00-0177	EA	20" x 8" Steel With Natural Rubber Tube Expansion Joint	2,699.33	597.97
23 05 16 00-0178	EA	24" x 10" Steel With Natural Rubber Tube Expansion Joint	3,314.69	734.16
23 05 16 00-0179	EA	30" x 10" Steel With Natural Rubber Tube Expansion Joint	4,925.38	1,196.46
23 05 16 00-0180	EA	36" x 10" Steel With Natural Rubber Tube Expansion Joint	6,085.77	1,521.89
23 05 16 00-0181		Flanged End, Butyl, Neoprene Or Nitrile *(23 05 16 00-0141)* Note: 501BB, 501NN Or 501NiNi.		
23 05 16 00-0182	EA	1-1/2" x 6" Steel With Butyl, Neoprene Or Nitrile Tube Expansion Joint	499.66	76.54
23 05 16 00-0183	EA	2" x 6" Steel With Butyl, Neoprene Or Nitrile Tube Expansion Joint	538.61	79.19
23 05 16 00-0184	EA	2-1/2" x 6" Steel With Butyl, Neoprene Or Nitrile Tube Expansion Joint	558.77	86.52
23 05 16 00-0185	EA	3" x 6" Steel With Butyl, Neoprene Or Nitrile Tube Expansion Joint	768.54	171.86
23 05 16 00-0186	EA	4" x 6" Steel With Butyl, Neoprene Or Nitrile Tube Expansion Joint	932.36	220.20
23 05 16 00-0187	EA	5" x 6" Steel With Butyl, Neoprene Or Nitrile Tube Expansion Joint	1,016.97	240.13
23 05 16 00-0188	EA	6" x 6" Steel With Butyl, Neoprene Or Nitrile Tube Expansion Joint	1,027.40	217.41

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0189	EA	8" x 6" Steel With Butyl, Neoprene Or Nitrile Tube Expansion Joint	1,296.37	248.45
23 05 16 00-0190	EA	10" x 8" Steel With Butyl, Neoprene Or Nitrile Tube Expansion Joint	1,580.52	295.51
23 05 16 00-0191	EA	12" x 8" Steel With Butyl, Neoprene Or Nitrile Tube Expansion Joint	1,863.71	370.04
23 05 16 00-0192	EA	14" x 8" Steel With Butyl, Neoprene Or Nitrile Tube Expansion Joint	2,025.97	375.69
23 05 16 00-0193	EA	16" x 8" Steel With Butyl, Neoprene Or Nitrile Tube Expansion Joint	2,322.97	468.31
23 05 16 00-0194	EA	18" x 8" Steel With Butyl, Neoprene Or Nitrile Tube Expansion Joint	2,572.17	531.35
23 05 16 00-0195	EA	20" x 8" Steel With Butyl, Neoprene Or Nitrile Tube Expansion Joint	2,996.09	597.97
23 05 16 00-0196	EA	24" x 10" Steel With Butyl Neoprene Or Nitrile Tube Expansion Joint	3,676.50	734.16
23 05 16 00-0197	EA	30" x 10" Steel With Butyl, Neoprene Or Nitrile Tube Expansion Joint	5,428.48	1,196.46
23 05 16 00-0198	EA	36" x 10" Steel With Butyl, Neoprene Or Nitrile Tube Expansion Joint	6,688.70	1,521.89
23 05 16 00-0199		**Flanged End, Neoprene Filled Arch, 501NNFA** *(23 05 16 00-0141)*		
23 05 16 00-0200	EA	1-1/2" x 6" Steel With Neoprene Filled ArchTube Expansion Joint	480.97	76.54
23 05 16 00-0201	EA	2" x 6" Steel With Neoprene Filled ArchTube Expansion Joint	511.60	79.19
23 05 16 00-0202	EA	2-1/2" x 6" Steel With Neoprene Filled ArchTube Expansion Joint	536.26	86.52
23 05 16 00-0203	EA	3" x 6" Steel With Neoprene Filled ArchTube Expansion Joint	747.25	171.86
23 05 16 00-0204	EA	4" x 6" Steel With Neoprene Filled ArchTube Expansion Joint	909.57	220.20
23 05 16 00-0205	EA	5" x 6" Steel With Neoprene Filled ArchTube Expansion Joint	989.81	240.13
23 05 16 00-0206	EA	6" x 6" Steel With Neoprene Filled ArchTube Expansion Joint	994.79	217.41
23 05 16 00-0207	EA	8" x 6" Steel With Neoprene Filled ArchTube Expansion Joint	1,253.66	248.45
23 05 16 00-0208	EA	10" x 8" Steel With Neoprene Filled ArchTube Expansion Joint	1,529.35	295.51
23 05 16 00-0209	EA	12" x 8" Steel With Neoprene Filled ArchTube Expansion Joint	1,809.54	370.04
23 05 16 00-0210	EA	14" x 8" Steel With Neoprene Filled ArchTube Expansion Joint	1,957.07	375.69
23 05 16 00-0211	EA	16" x 8" Steel With Neoprene Filled ArchTube Expansion Joint	2,253.24	468.31
23 05 16 00-0212	EA	18" x 8" Steel With Neoprene Filled ArchTube Expansion Joint	2,490.44	531.35
23 05 16 00-0213	EA	20" x 8" Steel With Neoprene Filled ArchTube Expansion Joint	2,901.12	597.97
23 05 16 00-0214	EA	24" x 10" Steel With Neoprene Filled ArchTube Expansion Joint	3,566.93	734.16
23 05 16 00-0215		**Flanged End, EPDM, 501HT** *(23 05 16 00-0141)* Note: With Kevlar reinforcement for high temperature.		
23 05 16 00-0216	EA	1-1/2" x 6" Steel With EPDM With Kevlar Reinforcement Tube Expansion Joint	622.65	76.54
23 05 16 00-0217	EA	2" x 6" Steel With EPDM With Kevlar Reinforcement Tube Expansion Joint	639.23	79.19
23 05 16 00-0218	EA	2-1/2" x 6" Steel With EPDM With Kevlar Reinforcement Tube Expansion Joint	692.94	86.52
23 05 16 00-0219	EA	3" x 6" Steel With EPDM With Kevlar Reinforcement Tube Expansion Joint	885.94	171.86
23 05 16 00-0220	EA	4" x 6" Steel With EPDM With Kevlar Reinforcement Tube Expansion Joint	1,150.38	220.20
23 05 16 00-0221	EA	5" x 6" Steel With EPDM With Kevlar Reinforcement Tube Expansion Joint	1,246.17	240.13
23 05 16 00-0222	EA	6" x 6" Steel With EPDM With Kevlar Reinforcement Tube Expansion Joint	1,234.25	217.41
23 05 16 00-0223	EA	8" x 6" Steel With EPDM With Kevlar Reinforcement Tube Expansion Joint	1,424.95	248.45
23 05 16 00-0224	EA	10" x 8" Steel With EPDM With Kevlar Reinforcement Tube Expansion Joint	1,681.15	295.51
23 05 16 00-0225	EA	12" x 8" Steel With EPDM With Kevlar Reinforcement Tube Expansion Joint	2,059.37	370.04
23 05 16 00-0226	EA	14" x 8" Steel With EPDM With Kevlar Reinforcement Tube Expansion Joint	2,311.08	375.69
23 05 16 00-0227	EA	16" x 8" Steel With EPDM With Kevlar Reinforcement Tube Expansion Joint	2,786.97	468.31
23 05 16 00-0228	EA	18" x 8" Steel With EPDM With Kevlar Reinforcement Tube Expansion Joint	3,120.03	531.35
23 05 16 00-0229	EA	20" x 8" Steel With EPDM With Kevlar Reinforcement Tube Expansion Joint	3,655.76	597.97
23 05 16 00-0230	EA	24" x 10" Steel With EPDM With Kevlar Reinforcement Tube Expansion Joint	4,727.49	734.16
23 05 16 00-0231		**Mercer Rubber, Series 800 / 802** *(23 05 16 00-0091)*		
23 05 16 00-0232		**PTFE Teflon Expansion Joints, 2 Arch (802)** *(23 05 16 00-0231)*		
23 05 16 00-0233	EA	1" x 1-3/8" PTFE Teflon Expansion Joints, 2 Arch	315.91	71.31
23 05 16 00-0234	EA	1-1/2" x 1-3/8" PTFE Teflon Expansion Joints, 2 Arch	354.31	76.54
23 05 16 00-0235	EA	2" x 1-5/8" PTFE Teflon Expansion Joints, 2 Arch	454.75	79.19
23 05 16 00-0236	EA	2-1/2" x 2-1/4" PTFE Teflon Expansion Joints, 2 Arch	569.95	86.52
23 05 16 00-0237	EA	3" x 2-1/4" PTFE Teflon Expansion Joints, 2 Arch	824.44	171.86
23 05 16 00-0238	EA	4" x 2-5/8" PTFE Teflon Expansion Joints, 2 Arch	1,100.07	220.20
23 05 16 00-0239	EA	5" x 3-1/4" PTFE Teflon Expansion Joints, 2 Arch	1,313.26	240.13
23 05 16 00-0240	EA	6" x 2-3/4" PTFE Teflon Expansion Joints, 2 Arch	1,401.96	217.41
23 05 16 00-0241	EA	8" x 4" PTFE Teflon Expansion Joints, 2 Arch	1,888.95	248.45
23 05 16 00-0242	EA	10" x 5-1/4" PTFE Teflon Expansion Joints, 2 Arch	2,424.67	295.51
23 05 16 00-0243	EA	12" x 6" PTFE Teflon Expansion Joints, 2 Arch	3,328.40	370.04
23 05 16 00-0244		**PTFE Teflon Expansion Joints, 3 Arch (803)** *(23 05 16 00-0231)*		
23 05 16 00-0245	EA	1" x 1-3/4" PTFE Teflon Expansion Joints, 3 Arch	343.86	71.31
23 05 16 00-0246	EA	1-1/2" x 2" PTFE Teflon Expansion Joints, 3 Arch	382.25	76.54
23 05 16 00-0247	EA	2" x 2-3/4" PTFE Teflon Expansion Joints, 3 Arch	499.47	79.19
23 05 16 00-0248	EA	2-1/2" x 3-1/4" PTFE Teflon Expansion Joints, 3 Arch	631.44	86.52
23 05 16 00-0249	EA	3" x 3-5/8" PTFE Teflon Expansion Joints, 3 Arch	891.53	171.86
23 05 16 00-0250	EA	4" x 3-5/8" PTFE Teflon Expansion Joints, 3 Arch	1,200.69	220.20
23 05 16 00-0251	EA	5" x 4" PTFE Teflon Expansion Joints, 3 Arch	1,436.25	240.13
23 05 16 00-0252	EA	6" x 4" PTFE Teflon Expansion Joints, 3 Arch	1,552.90	217.41
23 05 16 00-0253	EA	8" x 6" PTFE Teflon Expansion Joints, 3 Arch	2,095.79	248.45
23 05 16 00-0254	EA	10" x 6" PTFE Teflon Expansion Joints, 3 Arch	2,698.60	295.51
23 05 16 00-0255	EA	12" x 7" PTFE Teflon Expansion Joints, 3 Arch	3,714.13	370.04
23 05 16 00-0256		**PTFE Teflon Expansion Joints, 3 Arch (805)** *(23 05 16 00-0231)*		
23 05 16 00-0257	EA	1" x 3" PTFE Teflon Expansion Joints, 4 Arch	371.82	71.31
23 05 16 00-0258	EA	1-1/2" x 3-1/2" PTFE Teflon Expansion Joints, 4 Arch	460.53	76.54
23 05 16 00-0259	EA	2" x 4" PTFE Teflon Expansion Joints, 4 Arch	572.15	79.19
23 05 16 00-0260	EA	2-1/2" x 4" PTFE Teflon Expansion Joints, 4 Arch	743.25	86.52
23 05 16 00-0261	EA	3" x 5" PTFE Teflon Expansion Joints, 4 Arch	1,048.06	171.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0262	EA	4" x 5-1/4" PTFE Teflon Expansion Joints, 4 Arch	1,351.64	220.20
23 05 16 00-0263	EA	5" x 6" PTFE Teflon Expansion Joints, 4 Arch	1,732.54	240.13
23 05 16 00-0264	EA	6" x 6" PTFE Teflon Expansion Joints, 4 Arch	1,804.47	217.41
23 05 16 00-0265	EA	8" x 8" PTFE Teflon Expansion Joints, 4 Arch	2,660.42	248.45
23 05 16 00-0266	EA	10" x 8" PTFE Teflon Expansion Joints, 4 Arch	3,509.21	295.51
23 05 16 00-0267	EA	12" x 9" PTFE Teflon Expansion Joints, 4 Arch	4,390.57	370.04
23 05 16 00-0268		Mercer Rubber, Series 450 *(23 05 16 00-0091)*		
23 05 16 00-0269		Expansion Joints, 2 Arch (452) *(23 05 16 00-0268)*		
23 05 16 00-0270	EA	1-1/2" x 12" Expansion Joints, 2 Arch	378.07	76.54
23 05 16 00-0271	EA	2" x 12" Expansion Joints, 2 Arch	417.02	79.19
23 05 16 00-0272	EA	2-1/2" x 12" Expansion Joints, 2 Arch	460.94	86.52
23 05 16 00-0273	EA	3" x 12" Expansion Joints, 2 Arch	669.31	171.86
23 05 16 00-0274	EA	4" x 12" Expansion Joints, 2 Arch	788.40	220.20
23 05 16 00-0275	EA	6" x 12" Expansion Joints, 2 Arch	840.12	217.41
23 05 16 00-0276	EA	8" x 12" Expansion Joints, 2 Arch	946.97	248.45
23 05 16 00-0277	EA	10" x 14" Expansion Joints, 2 Arch	1,242.30	295.51
23 05 16 00-0278	EA	12" x 14" Expansion Joints, 2 Arch	1,481.30	370.30
23 05 16 00-0279	EA	14" x 14" Expansion Joints, 2 Arch	1,680.39	375.52
23 05 16 00-0280	EA	16" x 14" Expansion Joints, 2 Arch	2,040.65	468.31
23 05 16 00-0281	EA	18" x 14" Expansion Joints, 2 Arch	2,285.66	531.35
23 05 16 00-0282	EA	20" x 14" Expansion Joints, 2 Arch	2,586.59	597.97
23 05 16 00-0283	EA	24" x 16" Expansion Joints, 2 Arch	3,110.47	734.16
23 05 16 00-0284		Mercer Rubber, Series 502 And 701 *(23 05 16 00-0091)*		
23 05 16 00-0285		Natural Rubber 502R *(23 05 16 00-0284)*		
23 05 16 00-0286	EA	1-1/2" x 10" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	536.46	76.54
23 05 16 00-0287	EA	2" x 10" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	551.95	79.19
23 05 16 00-0288	EA	2-1/2" x 10" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	591.75	86.52
23 05 16 00-0289	EA	3" x 10" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	772.48	171.86
23 05 16 00-0290	EA	4" x 10" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	944.88	220.20
23 05 16 00-0291	EA	5" x 10" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,085.67	240.13
23 05 16 00-0292	EA	6" x 10" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,070.46	217.41
23 05 16 00-0293	EA	8" x 10" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,238.53	248.45
23 05 16 00-0294	EA	10" x 12" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,448.64	295.51
23 05 16 00-0295	EA	12" x 12" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,723.78	370.04
23 05 16 00-0296	EA	14" x 12" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,987.34	375.69
23 05 16 00-0297	EA	16" x 12" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	2,404.59	468.31
23 05 16 00-0298	EA	18" x 12" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	2,687.19	531.35
23 05 16 00-0299	EA	20" x 12" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	3,042.38	597.97
23 05 16 00-0300	EA	24" x 14" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	3,647.64	734.16
23 05 16 00-0301	EA	30" x 14" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	5,490.40	1,196.46
23 05 16 00-0302	EA	36" x 14" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	6,827.36	1,521.89
23 05 16 00-0303	EA	42" x 16" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	8,378.73	1,803.21
23 05 16 00-0304	EA	48" x 16" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	9,643.82	2,087.67
23 05 16 00-0305	EA	60" x 16" Natural Rubber Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	11,949.42	2,392.92
23 05 16 00-0306		Butyl 502B, Neoprene 502N *(23 05 16 00-0284)*		
23 05 16 00-0307	EA	1-1/2" x 10" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	576.82	76.54
23 05 16 00-0308	EA	2" x 10" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	592.31	79.19
23 05 16 00-0309	EA	2-1/2" x 10" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	637.15	86.52
23 05 16 00-0310	EA	3" x 10" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	817.88	171.86
23 05 16 00-0311	EA	4" x 10" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	985.24	220.20
23 05 16 00-0312	EA	5" x 10" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,146.20	240.13
23 05 16 00-0313	EA	6" x 10" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,120.91	217.41
23 05 16 00-0314	EA	8" x 10" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,314.20	248.45
23 05 16 00-0315	EA	10" x 12" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,529.35	295.51
23 05 16 00-0316	EA	12" x 12" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,809.54	370.04

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0317	EA	14" x 12" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	2,103.37	375.69
23 05 16 00-0318	EA	16" x 12" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	2,540.80	468.31
23 05 16 00-0319	EA	18" x 12" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	2,838.53	531.35
23 05 16 00-0320	EA	20" x 12" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	3,213.90	597.97
23 05 16 00-0321	EA	24" x 14" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	3,849.44	734.16
23 05 16 00-0322	EA	30" x 14" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	5,788.04	1,196.46
23 05 16 00-0323	EA	36" x 14" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	7,180.50	1,521.89
23 05 16 00-0324	EA	42" x 16" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	8,832.76	1,803.21
23 05 16 00-0325	EA	48" x 16" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	10,168.48	2,087.67
23 05 16 00-0326	EA	60" x 16" Butyl Or Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	12,665.78	2,392.92
23 05 16 00-0327		Nitrile 502Ni, Nitrile/Neoprene 502NiN, EPDM 502E *(23 05 16 00-0284)*		
		Note: Neoprene/natural 502NR or natural/neoprene 502RN.		
23 05 16 00-0328	EA	1-1/2" x 10" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	639.42	76.54
23 05 16 00-0329	EA	2" x 10" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	672.78	79.19
23 05 16 00-0330	EA	2-1/2" x 10" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	715.30	86.52
23 05 16 00-0331	EA	3" x 10" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	902.71	171.86
23 05 16 00-0332	EA	4" x 10" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,088.89	220.20
23 05 16 00-0333	EA	5" x 10" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,251.77	240.13
23 05 16 00-0334	EA	6" x 10" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,251.02	217.41
23 05 16 00-0335	EA	8" x 10" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,447.31	248.45
23 05 16 00-0336	EA	10" x 12" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,686.74	295.51
23 05 16 00-0337	EA	12" x 12" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,992.29	370.04
23 05 16 00-0338	EA	14" x 12" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	2,316.67	375.69
23 05 16 00-0339	EA	16" x 12" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	2,803.74	468.31
23 05 16 00-0340	EA	18" x 12" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	3,131.21	531.35
23 05 16 00-0341	EA	20" x 12" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	3,566.31	597.97
23 05 16 00-0342	EA	24" x 14" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	4,229.95	734.16
23 05 16 00-0343	EA	30" x 14" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	6,172.00	1,196.46
23 05 16 00-0344	EA	36" x 14" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	7,851.50	1,521.89
23 05 16 00-0345	EA	42" x 16" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	9,711.07	1,803.21
23 05 16 00-0346	EA	48" x 16" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	11,163.26	2,087.67
23 05 16 00-0347	EA	60" x 16" Nitrile, Nitrile/Neoprene, EPDM, Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	13,987.60	2,392.92
23 05 16 00-0348		Hypalon 502H, Hypalon/Neoprene 502HN Or Neoprene/Hypalon 502 NH *(23 05 16 00-0284)*		
23 05 16 00-0349	EA	1-1/2" x 10" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	667.38	76.54
23 05 16 00-0350	EA	2" x 10" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	683.96	79.19
23 05 16 00-0351	EA	2-1/2" x 10" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	732.07	86.52
23 05 16 00-0352	EA	3" x 10" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	930.66	171.86
23 05 16 00-0353	EA	4" x 10" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,111.25	220.20
23 05 16 00-0354	EA	5" x 10" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,296.49	240.13
23 05 16 00-0355	EA	6" x 10" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,295.74	217.41
23 05 16 00-0356	EA	8" x 10" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,492.03	248.45
23 05 16 00-0357	EA	10" x 12" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,742.64	295.51
23 05 16 00-0358	EA	12" x 12" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	2,070.56	370.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0359	EA	14" x 12" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	2,394.94	375.69
23 05 16 00-0360	EA	16" x 12" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	2,904.37	468.31
23 05 16 00-0361	EA	18" x 12" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	3,243.02	531.35
23 05 16 00-0362	EA	20" x 12" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	3,689.30	597.97
23 05 16 00-0363	EA	24" x 14" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	4,358.53	734.16
23 05 16 00-0364	EA	30" x 14" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	6,540.97	1,196.46
23 05 16 00-0365	EA	36" x 14" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	8,119.84	1,521.89
23 05 16 00-0366	EA	42" x 16" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	10,024.13	1,803.21
23 05 16 00-0367	EA	48" x 16" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	11,431.60	2,087.67
23 05 16 00-0368	EA	60" x 16" Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	14,345.38	2,392.92

23 05 16 00-0369 Viton 502V *(23 05 16 00-0284)*

23 05 16 00-0370	EA	1-1/2" x 10" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	748.35	76.54
23 05 16 00-0371	EA	2" x 10" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	794.10	79.19
23 05 16 00-0372	EA	2-1/2" x 10" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	849.03	86.52
23 05 16 00-0373	EA	3" x 10" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,246.69	171.86
23 05 16 00-0374	EA	4" x 10" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,580.52	220.20
23 05 16 00-0375	EA	5" x 10" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,892.83	240.13
23 05 16 00-0376	EA	6" x 10" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,988.62	217.41
23 05 16 00-0377	EA	8" x 10" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	2,504.77	248.45
23 05 16 00-0378	EA	10" x 12" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	3,274.85	295.51
23 05 16 00-0379	EA	12" x 12" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	3,787.10	370.04
23 05 16 00-0380	EA	14" x 12" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	4,247.41	375.69
23 05 16 00-0381	EA	16" x 12" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	5,275.08	468.31
23 05 16 00-0382	EA	18" x 12" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	5,875.50	531.35
23 05 16 00-0383	EA	20" x 12" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	6,876.42	597.97
23 05 16 00-0384	EA	24" x 14" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	8,974.95	734.16
23 05 16 00-0385	EA	30" x 14" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	15,004.89	1,196.46
23 05 16 00-0386	EA	36" x 14" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	18,783.54	1,521.89
23 05 16 00-0387	EA	42" x 16" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	23,886.45	1,803.21
23 05 16 00-0388	EA	48" x 16" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	27,684.03	2,087.67
23 05 16 00-0389	EA	60" x 16" Viton Tube And Cover Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	35,559.08	2,392.92

23 05 16 00-0390 Teflon Lined Expansion Joints *(23 05 16 00-0284)*

Note: Natural rubber, Neoprene, Butyl, EPDM Or Nitrile. Includes baked enamel coated ductile iron backer rings. Series 701.

23 05 16 00-0391	EA	1-1/2" Teflon Lined Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	513.74	76.54
		For Hypalon Tube And Cover, Add	*7.21*	
		For Viton Tube And Cover, Add	*360.70*	
23 05 16 00-0392	EA	2" Teflon Lined Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	589.79	79.19
		For Hypalon Tube And Cover, Add	*8.63*	
		For Viton Tube And Cover, Add	*431.33*	
23 05 16 00-0393	EA	2-1/2" Teflon Lined Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	668.64	86.52
		For Hypalon Tube And Cover, Add	*9.91*	
		For Viton Tube And Cover, Add	*495.65*	
23 05 16 00-0394	EA	3" Teflon Lined Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	893.69	171.86
		For Hypalon Tube And Cover, Add	*11.00*	
		For Viton Tube And Cover, Add	*549.88*	
23 05 16 00-0395	EA	4" Teflon Lined Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,106.53	220.30
		For Hypalon Tube And Cover, Add	*13.32*	
		For Viton Tube And Cover, Add	*665.91*	
23 05 16 00-0396	EA	5" Teflon Lined Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,293.40	239.92
		For Hypalon Tube And Cover, Add	*16.27*	
		For Viton Tube And Cover, Add	*813.47*	
23 05 16 00-0397	EA	6" Teflon Lined Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,315.14	217.41
		For Hypalon Tube And Cover, Add	*17.61*	
		For Viton Tube And Cover, Add	*880.32*	
23 05 16 00-0398	EA	8" Teflon Lined Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,566.04	248.28
		For Hypalon Tube And Cover, Add	*21.39*	
		For Viton Tube And Cover, Add	*1,069.50*	
23 05 16 00-0399	EA	10" Teflon Lined Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	1,956.90	295.51
		For Hypalon Tube And Cover, Add	*27.32*	
		For Viton Tube And Cover, Add	*1,365.88*	
23 05 16 00-0400	EA	12" Teflon Lined Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	2,494.90	370.30
		For Hypalon Tube And Cover, Add	*35.09*	
		For Viton Tube And Cover, Add	*1,754.33*	
23 05 16 00-0401	EA	14" Teflon Lined Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	2,764.43	375.78
		For Hypalon Tube And Cover, Add	*40.26*	
		For Viton Tube And Cover, Add	*2,012.88*	
23 05 16 00-0402	EA	16" Teflon Lined Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	3,433.73	468.31
		For Hypalon Tube And Cover, Add	*49.94*	
		For Viton Tube And Cover, Add	*2,497.18*	
23 05 16 00-0403	EA	18" Teflon Lined Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	3,835.11	532.14
		For Hypalon Tube And Cover, Add	*55.42*	
		For Viton Tube And Cover, Add	*2,770.86*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0404	EA	20" Teflon Lined Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	4,463.92	596.84
		For Hypalon Tube And Cover, Add	*65.41*	
		For Viton Tube And Cover, Add	*3,270.29*	
23 05 16 00-0405	EA	24" Teflon Lined Expansion Joint With Baked Enamel, Coated Ductile Iron Backup Rings	5,791.29	735.20
		For Hypalon Tube And Cover, Add	*86.42*	
		For Viton Tube And Cover, Add	*4,320.87*	

23 05 16 00-0406 Accessories For Mercer Rubber, Series 451 And 501 *(23 05 16 00-0091)*

23 05 16 00-0407 Hot-Dipped Galvanized Back-Up Rings *(23 05 16 00-0406)*

23 05 16 00-0408	EA	1-1/2" Hot-Dipped Galvanized Back-Up Rings	21.24
23 05 16 00-0409	EA	2" Hot-Dipped Galvanized Back-Up Rings	26.83
23 05 16 00-0410	EA	2-1/2" Hot-Dipped Galvanized Back-Up Rings	30.19
23 05 16 00-0411	EA	3" Hot-Dipped Galvanized Back-Up Rings	32.42
23 05 16 00-0412	EA	4" Hot-Dipped Galvanized Back-Up Rings	48.08
23 05 16 00-0413	EA	5" Hot-Dipped Galvanized Back-Up Rings	59.26
23 05 16 00-0414	EA	6" Hot-Dipped Galvanized Back-Up Rings	64.85
23 05 16 00-0415	EA	8" Hot-Dipped Galvanized Back-Up Rings	71.56
23 05 16 00-0416	EA	10" Hot-Dipped Galvanized Back-Up Rings	91.68
23 05 16 00-0417	EA	12" Hot-Dipped Galvanized Back-Up Rings	108.45
23 05 16 00-0418	EA	14" Hot-Dipped Galvanized Back-Up Rings	145.35
23 05 16 00-0419	EA	16" Hot-Dipped Galvanized Back-Up Rings	156.53
23 05 16 00-0420	EA	18" Hot-Dipped Galvanized Back-Up Rings	167.71
23 05 16 00-0421	EA	20" Hot-Dipped Galvanized Back-Up Rings	184.48
23 05 16 00-0422	EA	24" Hot-Dipped Galvanized Back-Up Rings	229.21
23 05 16 00-0423	EA	30" Hot-Dipped Galvanized Back-Up Rings	285.11
23 05 16 00-0424	EA	36" Hot-Dipped Galvanized Back-Up Rings	346.60
23 05 16 00-0425	EA	42" Hot-Dipped Galvanized Back-Up Rings	491.96
23 05 16 00-0426	EA	48" Hot-Dipped Galvanized Back-Up Rings	586.99

23 05 16 00-0427 Control Rods, Per Set *(23 05 16 00-0406)*

23 05 16 00-0428	SET	1-1/2" Control Rods, Set Of 2	34.30
23 05 16 00-0429	SET	2" Control Rods, Set Of 2	43.39
23 05 16 00-0430	SET	2-1/2" Control Rods, Set Of 2	50.45
23 05 16 00-0431	SET	3" Control Rods, Set Of 2	60.54
23 05 16 00-0432	SET	4" Control Rods, Set Of 2	60.54
23 05 16 00-0433	SET	5" Control Rods, Set Of 2	65.58
23 05 16 00-0434	SET	6" Control Rods, Set Of 2	75.67
23 05 16 00-0435	SET	8" Control Rods, Set Of 2	110.99
23 05 16 00-0436	SET	10" Control Rods, Set Of 3	216.93
23 05 16 00-0437	SET	12" Control Rods, Set Of 3	297.64
23 05 16 00-0438	SET	14" Control Rods, Set Of 4	443.94
23 05 16 00-0439	SET	16" Control Rods, Set Of 4	499.44
23 05 16 00-0440	SET	18" Control Rods, Set Of 5	665.91
23 05 16 00-0441	SET	20" Control Rods, Set Of 5	711.32
23 05 16 00-0442	SET	24" Control Rods, Set Of 5	802.12
23 05 16 00-0443	SET	30" Control Rods, Set Of 5	1,175.44
23 05 16 00-0444	SET	36" Control Rods, Set Of 5	1,730.37
23 05 16 00-0445	SET	42" Control Rods, Set Of 3	1,170.39
23 05 16 00-0446	SET	48" Control Rods, Set Of 4	1,538.66
23 05 16 00-0447	SET	60" Control Rods, Set Of 4	2,401.32

23 05 19 Meters And Gages For HVAC Piping *(23 05)*

23 05 19 00-0001 Thermometers *(23 05 19)*

23 05 19 00-0002 Bi-Metal, Dial Type Thermometers, Steel Case, Brass Stem *(23 05 19 00-0001)*

Note: Various ranges.

23 05 19 00-0003	EA	Thermometer, 2" Diameter Dial With 4" - 9" Stem Multi-Range, Steel Case And Brass Stem	94.34	33.05
23 05 19 00-0004	EA	Thermometer, 2.5" Diameter Dial With 4" - 9" Stem Multi-Range, Steel Case And Brass Stem	108.59	33.05
23 05 19 00-0005	EA	Thermometer, 3.5" Diameter Dial With 4" - 9" Stem Multi-Range, Steel Case And Brass Stem	108.59	33.05

23 05 19 00-0006 Liquid Filled Industrial Union Connection Type Thermometers *(23 05 19 00-0001)*

Note: Various ranges.

23 05 19 00-0007	EA	Thermometer, 7" Scale And Angle Stem Industrial With Liquid, Multi Range With Union	122.84	33.05
23 05 19 00-0008	EA	Thermometer, 9" Scale And Angle Stem Industrial With Liquid, Multi Range With Union	122.84	33.05
23 05 19 00-0009	EA	Thermometer, 12" Scale And Angle Stem Industrial With Liquid, Multi Range With Union	152.63	33.05
23 05 19 00-0010	EA	Thermometer, 7" Scale And Straight Stem Industrial With Liquid, Multi Range With Union	126.73	33.05
23 05 19 00-0011	EA	Thermometer, 9" Scale And Straight Stem Industrial With Liquid, Multi Range With Union	133.20	33.05
23 05 19 00-0012	EA	Thermometer, 12" Scale And Straight Stem Industrial With Liquid, Multi Range With Union	156.52	33.05

23 05 19 00-0013 Liquid Filled Industrial Separable Socket Type Thermometers *(23 05 19 00-0001)*

Note: Various ranges.

23 05 19 00-0014	EA	Thermometer, 7" Scale And Angle Stem, Adjustable, Industrial With Liquid, Multi Range With Socket Connection For Thermowell	122.84	33.05
23 05 19 00-0015	EA	Thermometer, 9" Scale And Angle Stem, Adjustable, Industrial With Liquid, Multi Range With Socket Connection For Thermowell	122.84	33.05
23 05 19 00-0016	EA	Thermometer, 12" Scale And Angle Stem, Adjustable, Industrial With Liquid, Multi Range With Socket Connection For Thermowell	152.63	33.05
23 05 19 00-0017	EA	Thermometer, 7" Scale And Straight Stem Industrial With Liquid, Multi Range With Socket Connection For Thermowell	139.68	33.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0018	EA	Thermometer, 9" Scale And Straight Stem Industrial With Liquid, Multi Range With Socket Connection For Thermowell	152.63	33.05
23 05 19 00-0019	EA	Thermometer, 12" Scale And Straight Stem Industrial With Liquid, Multi Range With Socket Connection For Thermowell	155.94	33.05
23 05 19 00-0020		**Thermowell** *(23 05 19 00-0001)*		
23 05 19 00-0021	EA	Thermowell, 4" Long, 1" NPT, 304 Stainless Steel	150.83	61.97
23 05 19 00-0022	EA	Thermowell, 8" Long, 1" NPT, 304 Stainless Steel	150.77	61.97
23 05 19 00-0023		**Pressure Gauges** *(23 05 19)*		
23 05 19 00-0024		**Steel Case 0-60 PSI Or 0-100 PSI** *(23 05 19 00-0023)*		
23 05 19 00-0025	EA	2" Diameter Dial Pressure Gauge Steel Case 0-60 PSI Or 0-100 PSI	72.84	33.05
23 05 19 00-0026	EA	4" Diameter Dial Pressure Gauge Steel Case 0-60 PSI Or 0-100 PSI	80.48	33.05
23 05 19 00-0027		**Aluminum Case 0-60 PSI Or 0-100 PSI** *(23 05 19 00-0023)*		
23 05 19 00-0028	EA	3.5" Diameter Dial Pressure Gauge Aluminum Case 0-60 Or 0-100 PSI	137.00	33.05
23 05 19 00-0029	EA	4.5" Diameter Dial Pressure Gauge Aluminum Case 0-60 Or 0-100 PSI	137.00	33.05
23 05 19 00-0030	EA	6.0" Diameter Dial Pressure Gauge Aluminum Case 0-60 Or 0-100 PSI	161.61	33.05
23 05 19 00-0031	EA	8.5" Diameter Dial Pressure Gauge Aluminum Case 0-60 Or 0-100 PSI	306.52	33.05
23 05 19 00-0032		**Brass Case 0-60 PSI Or 0-100 PSI** *(23 05 19 00-0023)*		
23 05 19 00-0033	EA	2" Diameter Dial Pressure Gauge Brass Case 0-60 Or 0-100 PSI	81.25	33.05
23 05 19 00-0034	EA	4.5" Diameter Dial Pressure Gauge Brass Case 0-60 Or 0-100 PSI	71.87	33.05
23 05 19 00-0035		**Steel Case, High Pressure 0-10 K PSI** *(23 05 19 00-0023)*		
23 05 19 00-0036	EA	4.5" Diameter Dial Pressure Gauge Steel Case High Press 0-10 K PSI	360.97	65.07
23 05 19 00-0037	EA	6.5" Diameter Dial Pressure Gauge Steel Case High Press 0-10 K PSI	360.97	65.07
23 05 19 00-0038	EA	8.5" Diameter Dial Pressure Gauge Steel Case High Press 0-10 K PSI	360.97	65.07
23 05 19 00-0039		**Gauge Accessories** *(23 05 19 00-0023)*		
23 05 19 00-0040	EA	Brass Gauge Cock, 1/4" Female Pipe Thread	25.53	15.49
23 05 19 00-0041	EA	Brass Gauge Cock, 1/4" Male Pipe Thread	23.73	15.49
23 05 19 00-0042	EA	Pigtail, Steam Siphon 1/4"	24.79	15.49
23 05 19 00-0043	EA	1/4" Thick, 3" Long Black Steel Nipple	5.90	5.17
23 05 19 00-0044	EA	Snubber Valve, 1/4" (Air INPT)	38.69	10.33
23 05 19 00-0045	EA	Thread-O-Let, 1/4" Steel	70.97	25.83
23 05 19 00-0046	EA	Union, 1/4" Black Steel	32.48	10.33
23 05 19 00-0047	EA	Coupling, 1/4" Black Steel	27.39	10.33
23 05 19 00-0048	EA	Plug, 1/4" Black Steel	17.01	6.19
23 05 19 00-0049	EA	Cap, 1/4" Black Steel	18.81	6.19
23 05 19 00-0050	EA	Pete's Plug (Valve Cock For Removable Pressure Gauge Or Thermometer) For Balancing Hydronic Systems	51.56	10.33
23 05 19 00-0051	LF	1/4" Diameter Black Steel Schedule 40 Pipe, Threaded	6.64	
23 05 19 00-0052	LF	1/4" Diameter Black Steel Schedule 80 Pipe, Plain End	6.44	
23 05 19 00-0053	LF	1/4" Diameter Galvanized Steel, Schedule 40 Pipe, Threaded	7.16	
23 05 19 00-0054	EA	Ball Valve, 1/4" Forged Steel, Threaded, 800 LB	60.91	
23 05 19 00-0055		**Special Gauges** *(23 05 19 00-0023)*		
23 05 19 00-0056	EA	Draft Gauge	255.28	99.12
23 05 19 00-0057	EA	Steam Gauge	340.84	99.12
23 05 19 00-0058		**Valve Lock Shields** *(23 05 19)*		
23 05 19 00-0059	EA	Valve Lock Cover	61.61	15.80
23 05 19 00-0060		**Venturi Flowmeters** *(23 05 19)*		
23 05 19 00-0061		**Threaded Brass Venturi Flowmeters** *(23 05 19 00-0060)*		
23 05 19 00-0062	EA	3/4" Venturi Flowmeter, Threaded, Brass	161.46	70.23
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0063	EA	1" Venturi Flowmeter, Threaded, Brass	183.18	84.27
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0064	EA	1-1/4" Venturi Flowmeter, Threaded, Brass	202.54	93.68
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0065	EA	1-1/2" Venturi Flowmeter, Threaded, Brass	228.14	105.34
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0066	EA	2" Venturi Flowmeter, Threaded, Brass	267.96	120.43
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0067	EA	2-1/2" Venturi Flowmeter, Threaded, Brass	357.72	152.09
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0068		**Butt Weld Carbon Steel Venturi Flowmeters** *(23 05 19 00-0060)*		
23 05 19 00-0069	EA	3" Venturi Flowmeter, Carbon Steel, Butt Weld	592.52	144.17
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*106.46*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0070	EA	4" Venturi Flowmeter, Carbon Steel, Butt Weld	782.00	173.00
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*152.60*	
23 05 19 00-0071	EA	5" Venturi Flowmeter, Carbon Steel, Butt Weld	1,010.45	216.25
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*202.28*	
23 05 19 00-0072	EA	6" Venturi Flowmeter, Carbon Steel, Butt Weld	1,245.87	288.34
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*234.22*	
23 05 19 00-0073	EA	8" Venturi Flowmeter, Carbon Steel, Butt Weld	1,716.08	346.00
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*358.43*	
23 05 19 00-0074	EA	10" Venturi Flowmeter, Carbon Steel, Butt Weld	2,619.12	432.50
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*613.94*	
23 05 19 00-0075	EA	12" Venturi Flowmeter, Carbon Steel, Butt Weld	3,783.20	563.34
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*929.79*	
23 05 19 00-0076	EA	14" Venturi Flowmeter, Carbon Steel, Butt Weld	5,380.75	845.00
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*1,291.76*	
23 05 19 00-0077	EA	16" Venturi Flowmeter, Carbon Steel, Butt Weld	7,606.55	938.89
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*2,005.07*	

23 05 19 00-0078 Turbine Flowmeter *(23 05 19 00-0060)*

23 05 19 00-0079	EA	Saddle Mount Turbine Flowmeter	384.86	77.47

23 05 19 00-0080 Sight Flow Indicator *(23 05 19)*

23 05 19 00-0081 Threaded Sight Flow Indicator, Single Sided With Impeller *(23 05 19 00-0080)*

Note: Dwyer; SFI-100.

23 05 19 00-0082	EA	1/4" Threaded Sight Flow Indicator, Single Window, Bronze Body With ABS Plastic Impeller	89.58	11.55
23 05 19 00-0083	EA	3/8" Threaded Sight Flow Indicator, Single Window, Bronze Body With ABS Plastic Impeller	93.61	12.15
23 05 19 00-0084	EA	1/2" Threaded Sight Flow Indicator, Single Window, Bronze Body With ABS Plastic Impeller	101.08	12.77
23 05 19 00-0085	EA	3/4" Threaded Sight Flow Indicator, Single Window, Bronze Body With ABS Plastic Impeller	114.49	17.21
23 05 19 00-0086	EA	1" Threaded Sight Flow Indicator, Single Window, Bronze Body With ABS Plastic Impeller	136.96	20.85
23 05 19 00-0087	EA	1-1/4" Threaded Sight Flow Indicator, Single Window, Bronze Body With ABS Plastic Impeller	156.54	26.40
23 05 19 00-0088	EA	1-1/2" Threaded Sight Flow Indicator, Single Window, Bronze Body With ABS Plastic Impeller	218.76	30.53
23 05 19 00-0089	EA	2" Threaded Sight Flow Indicator, Single Window, Bronze Body With ABS Plastic Impeller	243.38	36.08

23 05 19 00-0090 Threaded Sight Flow Indicator, Double Sided With Impeller *(23 05 19 00-0080)*

Note: Dwyer; SFI-300.

23 05 19 00-0091	EA	1/4" Threaded Sight Flow Indicator, Double Window, Bronze Body With ABS Plastic Impeller	114.93	11.55
23 05 19 00-0092	EA	3/8" Threaded Sight Flow Indicator, Double Window, Bronze Body With ABS Plastic Impeller	118.41	12.15
23 05 19 00-0093	EA	1/2" Threaded Sight Flow Indicator, Double Window, Bronze Body With ABS Plastic Impeller	127.56	12.77
23 05 19 00-0094	EA	3/4" Threaded Sight Flow Indicator, Double Window, Bronze Body With ABS Plastic Impeller	137.03	17.21
23 05 19 00-0095	EA	1" Threaded Sight Flow Indicator, Double Window, Bronze Body With ABS Plastic Impeller	146.54	20.85
23 05 19 00-0096	EA	1-1/4" Threaded Sight Flow Indicator, Double Window, Bronze Body With ABS Plastic Impeller	160.49	26.40
23 05 19 00-0097	EA	1-1/2" Threaded Sight Flow Indicator, Double Window, Bronze Body With ABS Plastic Impeller	295.39	30.53
23 05 19 00-0098	EA	2" Threaded Sight Flow Indicator, Double Window, Bronze Body With ABS Plastic Impeller	317.75	36.08

23 05 19 00-0099 Threaded Sight Flow Indicator, Double Sided With Impeller *(23 05 19 00-0080)*

Note: Dwyer; SFI-300SS.

23 05 19 00-0100	EA	1/4" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With Stainless Steel Impeller	163.95	11.55
23 05 19 00-0101	EA	3/8" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With Stainless Steel Impeller	173.06	12.15
23 05 19 00-0102	EA	1/2" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With Stainless Steel Impeller	187.85	12.77
23 05 19 00-0103	EA	3/4" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With Stainless Steel Impeller	205.77	17.21
23 05 19 00-0104	EA	1" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With Stainless Steel Impeller	236.69	20.85
23 05 19 00-0105	EA	1-1/4" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With Stainless Steel Impeller	252.33	26.40
23 05 19 00-0106	EA	1-1/2" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With Stainless Steel Impeller	498.23	30.53
23 05 19 00-0107	EA	2" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With Stainless Steel Impeller	526.23	36.08

23 05 19 00-0108 Threaded Sight Flow Indicator, Double Sided With Flapper *(23 05 19 00-0080)*

Note: Dwyer; SFI-360.

23 05 19 00-0109	EA	1/4" Threaded Sight Flow Indicator, Double Window, Bronze Body With 304SS Flapper	113.24	11.55
23 05 19 00-0110	EA	3/8" Threaded Sight Flow Indicator, Double Window, Bronze Body With 304SS Flapper	117.84	12.15
23 05 19 00-0111	EA	1/2" Threaded Sight Flow Indicator, Double Window, Bronze Body With 304SS Flapper	124.75	12.77
23 05 19 00-0112	EA	3/4" Threaded Sight Flow Indicator, Double Window, Bronze Body With 304SS Flapper	136.46	17.21
23 05 19 00-0113	EA	1" Threaded Sight Flow Indicator, Double Window, Bronze Body With 304SS Flapper	145.98	20.85
23 05 19 00-0114	EA	1-1/4" Threaded Sight Flow Indicator, Double Window, Bronze Body With 304SS Flapper	160.49	26.40
23 05 19 00-0115	EA	1-1/2" Threaded Sight Flow Indicator, Double Window, Bronze Body With 304SS Flapper	292.00	30.53
23 05 19 00-0116	EA	2" Threaded Sight Flow Indicator, Double Window, Bronze Body With 304SS Flapper	313.25	36.08

23 05 19 00-0117 Threaded Sight Flow Indicator, Double Sided With Flapper *(23 05 19 00-0080)*

Note: Dwyer; SFI-360SS.

23 05 19 00-0118	EA	1/4" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With 304SS Flapper	162.83	11.55
23 05 19 00-0119	EA	3/8" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With 304SS Flapper	175.31	12.15
23 05 19 00-0120	EA	1/2" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With 304SS Flapper	191.23	12.77
23 05 19 00-0121	EA	3/4" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With 304SS Flapper	205.77	17.21
23 05 19 00-0122	EA	1" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With 304SS Flapper	236.69	20.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0123	EA	1-1/4" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With 304SS Flapper	254.59	26.40
23 05 19 00-0124	EA	1-1/2" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With 304SS Flapper	498.23	30.53
23 05 19 00-0125	EA	2" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With 304SS Flapper	526.23	36.08
23 05 19 00-0126		Threaded Sight Flow Indicator, Tube Type Without Indicator *(23 05 19 00-0080)*		
		Note: Dwyer; SFI-400.		
23 05 19 00-0127	EA	1" Threaded Sight Flow Indicator, Tube Style, Cast Iron Body Without Impeller	241.20	20.85
23 05 19 00-0128	EA	1-1/4" Threaded Sight Flow Indicator, Tube Style, Cast Iron Body Without Impeller	272.62	26.40
23 05 19 00-0129	EA	1-1/2" Threaded Sight Flow Indicator, Tube Style, Cast Iron Body Without Impeller	310.03	30.53
23 05 19 00-0130	EA	2" Threaded Sight Flow Indicator, Tube Style, Cast Iron Body Without Impeller	349.31	36.08
23 05 19 00-0131		Flanged Sight Flow Indicator, Double Window With Flapper *(23 05 19 00-0080)*		
		Note: Dwyer; SFI-360FCS.		
23 05 19 00-0132	EA	1-1/2" Flanged Sight Flow Indicator, Double Window, Carbon Steel Body With Flapper	533.96	83.26
23 05 19 00-0133	EA	2" Flanged Sight Flow Indicator, Double Window, Carbon Steel Body With Flapper	600.11	105.70
23 05 19 00-0134	EA	3" Flanged Sight Flow Indicator, Double Window, Carbon Steel Body With Flapper	874.55	124.09
23 05 19 00-0135	EA	4" Flanged Sight Flow Indicator, Double Window, Carbon Steel Body With Flapper	1,325.90	208.04
23 05 19 00-0136	EA	6" Flanged Sight Flow Indicator, Double Window, Carbon Steel Body With Flapper	2,161.56	284.78
23 05 19 00-0137		Flanged Sight Flow Indicator, Tube Type Without Indicator *(23 05 19 00-0080)*		
		Note: Dwyer; SFI-400F.		
23 05 19 00-0138	EA	1" Flanged Sight Flow Indicator, Tube Style, Stainless Steel Body Without Impeller	408.37	59.47
23 05 19 00-0139	EA	1-1/4" Flanged Sight Flow Indicator, Tube Style, Stainless Steel Body Without Impeller	481.73	69.38
23 05 19 00-0140	EA	1-1/2" Flanged Sight Flow Indicator, Tube Style, Stainless Steel Body Without Impeller	522.41	83.26
23 05 19 00-0141	EA	2" Flanged Sight Flow Indicator, Tube Style, Stainless Steel Body Without Impeller	655.04	105.70
23 05 19 00-0142	EA	3" Flanged Sight Flow Indicator, Tube Style, Stainless Steel Body Without Impeller	941.89	124.09
23 05 19 00-0143	EA	4" Flanged Sight Flow Indicator, Tube Style, Stainless Steel Body Without Impeller	1,398.87	208.04
23 05 19 00-0144		Flowmeter *(23 05 19)*		
23 05 19 00-0145		PVC Turbine Flowmeter *(23 05 19 00-0144)*		
23 05 19 00-0146	EA	2" PVC Turbine Flowmeter, Sensor Signal Only, WTP100	979.09	177.54
23 05 19 00-0147	EA	3" PVC Turbine Flowmeter, Sensor Signal Only, WTP100	1,134.14	189.31
23 05 19 00-0148	EA	4" PVC Turbine Flowmeter, Sensor Signal Only, WTP100	1,281.30	197.27
23 05 19 00-0149	EA	6" PVC Turbine Flowmeter, Sensor Signal Only, WTP100	1,555.33	202.84
23 05 19 00-0150	EA	2" PVC Flanged Turbine Flowmeter, Sensor Signal Only, WTP100	1,044.77	177.64
23 05 19 00-0151	EA	3" PVC Flanged Turbine Flowmeter, Sensor Signal Only, WTP100	1,232.67	189.52
23 05 19 00-0152	EA	4" PVC Flanged Turbine Flowmeter, Sensor Signal Only, WTP100	1,412.68	197.27
23 05 19 00-0153	EA	6" PVC Flanged Turbine Flowmeter, Sensor Signal Only, WTP100	1,752.39	202.95
23 05 19 00-0154	EA	2" PVC Turbine Flowmeter, Rate/Total/Pulse, WTP101	1,484.90	177.54
		For Analog Output, Add	*75.00*	
23 05 19 00-0155	EA	3" PVC Turbine Flowmeter, Rate/Total/Pulse, WTP101	1,639.95	189.31
		For Analog Output, Add	*75.00*	
23 05 19 00-0156	EA	4" PVC Turbine Flowmeter, Rate/Total/Pulse, WTP101	1,787.11	197.27
		For Analog Output, Add	*75.00*	
23 05 19 00-0157	EA	6" PVC Turbine Flowmeter, Rate/Total/Pulse, WTP101	2,061.14	202.84
		For Analog Output, Add	*75.00*	
23 05 19 00-0158	EA	2" PVC Flanged Turbine Flowmeter, Rate/Total/Pulse, WTP101	1,550.59	177.64
		For Analog Output, Add	*75.00*	
23 05 19 00-0159	EA	3" PVC Flanged Turbine Flowmeter, Rate/Total/Pulse, WTP101	1,738.48	189.52
		For Analog Output, Add	*75.00*	
23 05 19 00-0160	EA	4" PVC Flanged Turbine Flowmeter, Rate/Total/Pulse, WTP101	1,918.49	197.27
		For Analog Output, Add	*75.00*	
23 05 19 00-0161	EA	6" PVC Flanged Turbine Flowmeter, Rate/Total/Pulse, WTP101	2,258.21	202.95
		For Analog Output, Add	*75.00*	
23 05 19 00-0162	EA	2" PVC Turbine Flowmeter, Blind 4-20mA DC, WTP102	1,353.52	177.54
23 05 19 00-0163	EA	3" PVC Turbine Flowmeter, Blind 4-20mA DC, WTP102	1,508.57	189.31
23 05 19 00-0164	EA	4" PVC Turbine Flowmeter, Blind 4-20mA DC, WTP102	1,655.73	197.27
23 05 19 00-0165	EA	6" PVC Turbine Flowmeter, Blind 4-20mA DC, WTP102	1,929.76	202.84
23 05 19 00-0166	EA	2" PVC Flanged Turbine Flowmeter, Blind 4-20mA DC, WTP102	1,419.21	177.64
23 05 19 00-0167	EA	3" PVC Flanged Turbine Flowmeter, Blind 4-20mA DC, WTP102	1,607.10	189.52
23 05 19 00-0168	EA	4" PVC Flanged Turbine Flowmeter, Blind 4-20mA DC, WTP102	1,787.11	197.27
23 05 19 00-0169	EA	6" PVC Flanged Turbine Flowmeter, Blind 4-20mA DC, WTP102	2,126.83	202.95
23 05 19 00-0170	EA	2" PVC Turbine Flowmeter, Battery, Rate/Total/Pulse, WTP104	1,603.14	177.54
23 05 19 00-0171	EA	3" PVC Turbine Flowmeter, Battery, Rate/Total/Pulse, WTP104	1,758.19	189.31
23 05 19 00-0172	EA	4" PVC Turbine Flowmeter, Battery, Rate/Total/Pulse, WTP104	1,905.35	197.27
23 05 19 00-0173	EA	6" PVC Turbine Flowmeter, Battery, Rate/Total/Pulse, WTP104	2,179.38	202.84
23 05 19 00-0174	EA	2" PVC Flanged Turbine Flowmeter, Battery, Rate/Total/Pulse, WTP104	1,668.83	177.64
23 05 19 00-0175	EA	3" PVC Flanged Turbine Flowmeter, Battery, Rate/Total/Pulse, WTP104	1,856.72	189.52
23 05 19 00-0176	EA	4" PVC Flanged Turbine Flowmeter, Battery, Rate/Total/Pulse, WTP104	2,036.73	197.27
23 05 19 00-0177	EA	6" PVC Flanged Turbine Flowmeter, Battery, Rate/Total/Pulse, WTP104	2,376.45	202.95
23 05 19 00-0178		Steel Main Line Flowmeter *(23 05 19 00-0144)*		
		Note: Six digit totalizer with rate indicator. AWWA std. #C704-70.		
23 05 19 00-0179		150 LB Flanged *(23 05 19 00-0178)*		
23 05 19 00-0180	EA	2" Main Line Flow Meter, 14" Long, 150 LB, Flanged	1,424.53	177.54
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0181	EA	2-1/2" Main Line Flow Meter, 16" Long, 150 LB, Flanged	1,433.63	182.08
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0182	EA	3" Main Line Flow Meter, 16" Long, 150 LB, Flanged	1,448.20	189.31
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0183	EA	4" Main Line Flow Meter, 20" Long, 150 LB, Flanged	1,663.25	197.27
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0184	EA	6" Main Line Flow Meter, 22" Long, 150 LB, Flanged	1,876.31	202.84
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0185	EA	8" Main Line Flow Meter, 24" Long, 150 LB, Flanged	2,221.45	231.66
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0186	EA	10" Main Line Flow Meter, 26" Long, 150 LB, Flanged	2,727.75	268.52
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0187	EA	12" Main Line Flow Meter, 28" Long, 150 LB, Flanged	3,157.44	325.06
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0188	EA	14" Main Line Flow Meter, 42" Long, 150 LB, Flanged	3,932.71	428.96
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0189	EA	16" Main Line Flow Meter, 48" Long, 150 LB, Flanged	4,565.09	537.05
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0190	EA	18" Main Line Flow Meter, 54" Long, 150 LB, Flanged	5,104.42	596.71
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0191	EA	20" Main Line Flow Meter, 60" Long, 150 LB, Flanged	5,853.92	671.31
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0192	EA	24" Main Line Flow Meter, 60" Long, 150 LB, Flanged	7,696.10	823.64
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0193	EA	30" Main Line Flow Meter, 60" Long, 150 LB, Flanged	10,212.06	1,342.61
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0194	EA	36" Main Line Flow Meter, 60" Long, 150 LB, Flanged	12,446.51	1,708.78
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	

23 05 19 00-0195 300 LB Flanged *(23 05 19 00-0178)*

23 05 19 00-0196	EA	2" Main Line Flow Meter, 20" Long, 300 LB, Flanged	1,573.35	177.54
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0197	EA	2-1/2" Main Line Flow Meter, 20" Long, 300 LB, Flanged	1,582.45	182.08
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0198	EA	3" Main Line Flow Meter, 20" Long, 300 LB, Flanged	1,597.02	189.31
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0199	EA	4" Main Line Flow Meter, 24" Long, 300 LB, Flanged	1,778.02	197.27
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0200	EA	6" Main Line Flow Meter, 26" Long, 300 LB, Flanged	2,073.06	202.84
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0201	EA	8" Main Line Flow Meter, 28" Long, 300 LB, Flanged	2,540.54	231.66
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0202	EA	10" Main Line Flow Meter, 30" Long, 300 LB, Flanged	3,353.31	268.52
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0203	EA	12" Main Line Flow Meter, 32" Long, 300 LB, Flanged	4,224.41	325.06
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0204	EA	14" Main Line Flow Meter, 42" Long, 300 LB, Flanged	5,140.94	428.96
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0205	EA	16" Main Line Flow Meter, 48" Long, 300 LB, Flanged	6,015.47	537.05
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	

23 05 19 00-0206 Adjustable Insertion Turbine Flowmeters *(23 05 19 00-0144)*

23 05 19 00-0207	EA	Probe Assembly With Display For 1-1/2" To 3" Pipe	1,095.71	103.28
23 05 19 00-0208	EA	Probe Assembly With Display For 1-1/2" To 10" Pipe	1,120.93	103.28
23 05 19 00-0209	EA	Probe Assembly With 4-20mA Transmitter For 1-1/2" To 3" Pipe	866.31	206.56
23 05 19 00-0210	EA	Probe Assembly With 4-20mA Transmitter For 1-1/2" To 10" Pipe	994.81	103.28
23 05 19 00-0211	EA	Probe Assembly With Display And 4-20mA Transmitter For 1-1/2" To 3" Pipe	1,272.27	103.28
23 05 19 00-0212	EA	Probe Assembly With Display And 4-20mA Transmitter For 1-1/2" To 10" Pipe	1,297.50	103.28

23 05 19 00-0213 Epoxy Coated Cast Iron High-Volume Turbine Meter *(23 05 19 00-0144)*

Note: AWWA C-701, Class II.

23 05 19 00-0214 Meters With Mechanical Display *(23 05 19 00-0213)*

23 05 19 00-0215	EA	2" Epoxy Coated Cast Iron Turbine Meter With Mechanical Display, 4.4 To 175 GPM, Master Meter Model	1,096.62	177.64
23 05 19 00-0216	EA	3" Epoxy Coated Cast Iron Turbine Meter With Mechanical Display, 6 To 330 GPM, Master Meter Model	1,310.73	189.52
23 05 19 00-0217	EA	4" Epoxy Coated Cast Iron Turbine Meter With Mechanical Display, 9 To 440 GPM, Master Meter Model	1,601.45	197.27
23 05 19 00-0218	EA	6" Epoxy Coated Cast Iron Turbine Meter With Mechanical, 35-1150GPM, Master Meter Model	2,171.43	202.95
23 05 19 00-0219	EA	8" Epoxy Coated Cast Iron Turbine Meter With Mechanical Display, 37 To 2000 GPM, Master Meter Model	2,971.27	219.47

23 05 19 00-0220 Meters With Electrical Output *(23 05 19 00-0213)*

23 05 19 00-0221	EA	2" Epoxy Coated Cast Iron Turbine Meter With Electrical Output	1,189.94	177.64
23 05 19 00-0222	EA	3" Epoxy Coated Cast Iron Turbine Meter With Electrical Output	1,406.58	189.52
23 05 19 00-0223	EA	4" Epoxy Coated Cast Iron Turbine Meter With Electrical Output	1,709.91	197.27
23 05 19 00-0224	EA	6" Epoxy Coated Cast Iron Turbine Meter With Electrical Output	2,269.80	202.95
23 05 19 00-0225	EA	8" Epoxy Coated Cast Iron Turbine Meter With Electrical Output	3,063.34	219.47

23 05 19 00-0226 Bronze High-Volume Turbine Meter *(23 05 19 00-0144)*

Note: AWWA C-701, Class II.

23 05 19 00-0227 Meters With Mechanical Display *(23 05 19 00-0226)*

23 05 19 00-0228	EA	1-1/2" Bronze Turbine Meter With Mechanical Display, 3-160GPM, Master Meter Model	864.66	154.92
23 05 19 00-0229	EA	2" Bronze Turbine Meter With Mechanical Display, 4-350GPM, Master Meter Model	995.72	177.64
23 05 19 00-0230	EA	3" Bronze Turbine Meter With Mechanical Display, 5-530GPM, Master Meter Model	1,395.23	189.52
23 05 19 00-0231	EA	4" Bronze Turbine Meter With Mechanical Display, 9-1350GPM, Master Meter Model	1,948.28	197.27
23 05 19 00-0232	EA	6" Bronze Turbine Meter With Mechanical Display, 25-2700GPM, Master Meter Model	3,306.51	202.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0233		Meters With Electrical Output *(23 05 19 00-0226)*		
23 05 19 00-0234	EA	1-1/2" Bronze Turbine Meter With Electrical Output, 3-160GPM, Master Meter Model	960.51	154.92
23 05 19 00-0235	EA	2" Bronze Turbine Meter With Electrical Output, 4-350GPM, Master Meter Model	1,092.83	177.64
23 05 19 00-0236	EA	3" Bronze Turbine Meter With Electrical Output, 5-530GPM, Master Meter Model	1,491.08	189.52
23 05 19 00-0237	EA	4" Bronze Turbine Meter With Electrical Output, 9-1350GPM, Master Meter Model	2,044.13	197.27
23 05 19 00-0238	EA	6" Bronze Turbine Meter With Electrical Output, 25-2700GPM, Master Meter Model	3,480.56	202.95
23 05 19 00-0239		Multi-Jet Meters *(23 05 19 00-0144)*		
23 05 19 00-0240		Hostile Environment Meters *(23 05 19 00-0239)*		
		Note: Wetted materials are Viton, PP, 316 stainless steel and electroless-nickel plated bronze - AWWA C-708, class II.		
23 05 19 00-0241	EA	1/2" Hostile Environment Multi-Jet Meter, 1-20GPM, Master Meter Model	453.00	32.53
23 05 19 00-0242	EA	3/4" Hostile Environment Multi-Jet Meter, 1-30GPM, Master Meter Model	536.31	42.86
23 05 19 00-0243	EA	1" Hostile Environment Multi-Jet Meter, 1-50GPM, Master Meter Model	653.25	49.06
23 05 19 00-0244	EA	1-1/2" Hostile Environment Multi-Jet Meter, 5-100GPM, Master Meter Model	1,069.97	64.55
23 05 19 00-0245	EA	2" Hostile Environment Multi-Jet Meter, 8-160GPM, Master Meter Model	1,500.81	73.85
23 05 19 00-0246		High-Pressure Meters *(23 05 19 00-0239)*		
		Note: Wetted materials are bronze, glass-filled Noryl, PP and nylon - AWWA C-708, class II.		
23 05 19 00-0247	EA	3/4" High-Pressure Multi-Jet Meter, 1-30GPM, Master Meter Model	1,277.89	42.86
23 05 19 00-0248	EA	1" High-Pressure Multi-Jet Meter, 1-50GPM, Master Meter Model	1,811.03	49.06
23 05 19 00-0249	EA	1-1/2" High-Pressure Multi-Jet Meter, 5-100GPM, Master Meter Model	3,265.71	64.55
23 05 19 00-0250	EA	2" High-Pressure Multi-Jet Meter, 8-160GPM, Master Meter Model	4,127.89	73.85
23 05 19 00-0251		Propeller Meters *(23 05 19 00-0144)*		
23 05 19 00-0252	EA	3" Main Propeller Meter, 150 LB, Flanged, 4-20 mA Output, Fabricated Steel Body, 45-250 GPM	2,060.99	368.30
23 05 19 00-0253	EA	4" Main Propeller Meter, 150 LB, Flanged, 4-20 mA Output, Fabricated Steel Body, 55-500 GPM	1,844.86	197.27
23 05 19 00-0254	EA	6" Main Propeller Meter, 150 LB, Flanged, 4-20 mA Output, Fabricated Steel Body, 120-1200 GPM	1,982.25	202.84
23 05 19 00-0255	EA	8" Main Propeller Meter, 150 LB, Flanged, 4-20 mA Output, Fabricated Steel Body, 150-1500 GPM	2,418.20	231.66
23 05 19 00-0256		In-Line Flowmeters *(23 05 19 00-0144)*		
23 05 19 00-0257		Standard Flowmeter, PVC, Brass, 316 SS, Viton *(23 05 19 00-0256)*		
23 05 19 00-0258	EA	3/4" In Line Flowmeter	215.21	42.86
23 05 19 00-0259	EA	1" In Line Flowmeter	227.60	49.06
23 05 19 00-0260	EA	1-1/2" In Line Flowmeter	325.68	64.55
23 05 19 00-0261	EA	3/4" In Line Flowmeter With SPDP Switch	273.01	42.86
23 05 19 00-0262	EA	1" In Line Flowmeter With SPDP Switch	285.40	49.06
23 05 19 00-0263	EA	1-1/2" In Line Flowmeter With SPDP Switch	410.11	64.55
23 05 19 00-0264		Chemical Resistant Flowmeter, PVC, Titanium, Viton *(23 05 19 00-0256)*		
23 05 19 00-0265	EA	3/4" In Line Chemical Resistant Flowmeter	273.01	42.86
23 05 19 00-0266	EA	1" In Line Chemical Resistant Flowmeter	285.40	49.06
23 05 19 00-0267	EA	1-1/2" In Line Chemical Resistant Flowmeter	393.84	64.55
23 05 19 00-0268	EA	3/4" In Line Chemical Resistant Flowmeter With SPDP Switch	342.42	42.86
23 05 19 00-0269	EA	1" In Line Chemical Resistant Flowmeter With SPDP Switch	354.81	49.06
23 05 19 00-0270	EA	1-1/2" In Line Chemical Resistant Flowmeter With SPDP Switch	489.89	64.55
23 05 23		General-Duty Valves For HVAC Piping *(23 05)*		
23 05 23 00-0001		Straight Pattern Triple Duty Valves *(23 05 23)*		
		Note: Bell & Gossett 3DX and 3DS-S Series.		
23 05 23 00-0002	EA	1" Threaded, Straight Pattern Triple Duty Valve	217.47	8.33
23 05 23 00-0003	EA	1-1/4" Threaded, Straight Pattern Triple Duty Valve	251.80	10.54
23 05 23 00-0004	EA	1-1/2" Threaded, Straight Pattern Triple Duty Valve	273.22	12.21
23 05 23 00-0005	EA	2" Flanged, Straight Pattern Triple Duty Valve	685.17	21.65
23 05 23 00-0006	EA	2-1/2" Flanged, Straight Pattern Triple Duty Valve	799.30	105.84
23 05 23 00-0007	EA	3" Flanged, Straight Pattern Triple Duty Valve	874.95	124.09
23 05 23 00-0008	EA	4" Flanged, Straight Pattern Triple Duty Valve	1,792.84	208.04
23 05 23 00-0009	EA	5" Flanged, Straight Pattern Triple Duty Valve	2,128.92	256.30
23 05 23 00-0010	EA	6" Flanged, Straight Pattern Triple Duty Valve	2,823.32	284.78
23 05 23 00-0011	EA	8" Flanged, Straight Pattern Triple Duty Valve	3,756.31	327.50
23 05 23 00-0012	EA	10" Flanged, Straight Pattern Triple Duty Valve	6,029.98	398.70
23 05 23 00-0013		Angle Pattern, Flanged, Triple Duty Valves *(23 05 23)*		
		Note: Bell & Gossett 3D-S Series.		
23 05 23 00-0014	EA	2" Angle Pattern, Flanged Triple Duty Valve	668.59	21.65
23 05 23 00-0015	EA	2-1/2" Angle Pattern, Flanged Triple Duty Valve	779.40	105.84
23 05 23 00-0016	EA	3" Angle Pattern, Flanged Triple Duty Valve	858.37	124.09
23 05 23 00-0017	EA	4" Angle Pattern, Flanged Triple Duty Valve	1,749.73	208.04
23 05 23 00-0018	EA	5" Angle Pattern, Flanged Triple Duty Valve	2,075.86	256.30
23 05 23 00-0019	EA	6" Angle Pattern, Flanged Triple Duty Valve	2,325.87	284.78
23 05 23 00-0020	EA	8" Angle Pattern, Flanged Triple Duty Valve	3,520.85	327.50
23 05 23 00-0021	EA	10" Angle Pattern, Flanged Triple Duty Valve	4,706.77	398.70
23 05 23 00-0022		Balanced, Straight Pattern Triple Duty Valves *(23 05 23)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		Note: Bell & Gossett 3DS-B Series.		
23 05 23 00-0023	EA	3" Flanged, Balanced, Straight Pattern Triple Duty Valve	801.99	124.09
23 05 23 00-0024	EA	4" Flanged, Balanced, Straight Pattern Triple Duty Valve	1,600.49	208.04
23 05 23 00-0025	EA	5" Flanged, Balanced, Straight Pattern Triple Duty Valve	1,906.73	256.30
23 05 23 00-0026	EA	6" Flanged, Balanced, Straight Pattern Triple Duty Valve	2,521.54	284.78
23 05 23 00-0027	EA	8" Flanged, Balanced, Straight Pattern Triple Duty Valve	3,345.09	327.50
23 05 23 00-0028	EA	10" Flanged, Balanced, Straight Pattern Triple Duty Valve	5,343.50	398.70
23 05 23 00-0029	EA	12" Flanged, Balanced, Straight Pattern Triple Duty Valve	8,046.02	484.13
23 05 23 00-0030	EA	14" Flanged, Balanced, Straight Pattern Triple Duty Valve	9,780.01	533.96
23 05 23 00-0031	EA	16" Flanged, Balanced, Straight Pattern Triple Duty Valve	12,254.97	626.52
23 05 23 00-0032		**Grooved Straight Pattern Triple Duty Valves** *(23 05 23)*		
		Note: Bell & Gossett 3DS-G Series.		
23 05 23 00-0033	EA	2" Grooved, Straight Pattern Triple Duty Valve	758.53	19.59
23 05 23 00-0034	EA	2-1/2" Grooved, Straight Pattern Triple Duty Valve	904.14	23.36
23 05 23 00-0035	EA	3" Grooved, Straight Pattern Triple Duty Valve	1,052.75	25.33
23 05 23 00-0036	EA	4" Grooved, Straight Pattern Triple Duty Valve	1,749.15	27.30
23 05 23 00-0037	EA	5" Grooved, Straight Pattern Triple Duty Valve	2,027.32	36.31
23 05 23 00-0038	EA	6" Grooved, Straight Pattern Triple Duty Valve	2,702.93	46.56
23 05 23 00-0039	EA	8" Grooved, Straight Pattern Triple Duty Valve	3,676.54	59.09
23 05 23 00-0040	EA	10" Grooved, Straight Pattern Triple Duty Valve	5,803.74	66.21
23 05 23 00-0041	EA	12" Grooved, Straight Pattern Triple Duty Valve	9,216.73	80.74
23 05 23 00-0042		**Plug Valves** *(23 05 23)*		
23 05 23 00-0043		**Plug Valves, Lubricated, Semisteel Screwed, Wrench Operated** *(23 05 23 00-0042)*		
		Note: Includes wrench.		
23 05 23 00-0044	EA	1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	108.19	7.92
23 05 23 00-0045	EA	3/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	117.09	8.72
23 05 23 00-0046	EA	1" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	147.12	9.91
23 05 23 00-0047	EA	1-1/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	177.63	10.54
23 05 23 00-0048	EA	1-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	196.71	12.21
23 05 23 00-0049	EA	2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	232.26	14.43
23 05 23 00-0050	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	342.64	19.49
23 05 23 00-0051	EA	3" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	415.78	22.63
23 05 23 00-0052		**Plug Valves, Lubricated, Semisteel Flanged** *(23 05 23 00-0042)*		
		Note: Wrench operated for 4", gear operated for 6" and 10".		
23 05 23 00-0053	EA	2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	270.41	105.70
23 05 23 00-0054	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	314.83	105.84
23 05 23 00-0055	EA	3" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	384.14	124.09
23 05 23 00-0056	EA	4" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	570.58	208.04
23 05 23 00-0057	EA	6" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	1,182.64	284.78
23 05 23 00-0058	EA	8" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	1,896.16	327.50
23 05 23 00-0059	EA	10" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	2,980.26	398.70
23 05 23 00-0060	EA	12" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	4,371.26	484.13
23 05 23 00-0061		**Plug Valves, 1500 LB, Forged Steel, Screwed** *(23 05 23 00-0042)*		
23 05 23 00-0062	EA	1/2" Plug Valve, 1500 LB, Forged Steel, Screwed	378.95	7.92
23 05 23 00-0063	EA	3/4" Plug Valve, 1500 LB, Forged Steel, Screwed	449.94	8.72
23 05 23 00-0064	EA	1" Plug Valve, 1500 LB, Forged Steel, Screwed	510.09	9.91
23 05 23 00-0065	EA	1-1/4" Plug Valve, 1500 LB, Forged Steel, Screwed	613.46	10.54
23 05 23 00-0066	EA	1-1/2" Plug Valve, 1500 LB, Forged Steel, Screwed	714.07	12.21
23 05 23 00-0067	EA	2" Plug Valve, 1500 LB, Forged Steel, Screwed	935.20	14.43
23 05 23 00-0068		**Plug Valves, Eccentric, Cast Iron Flanged** *(23 05 23 00-0042)*		
23 05 23 00-0069	EA	4" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	639.19	208.04
23 05 23 00-0070	EA	6" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	970.54	256.30
23 05 23 00-0071	EA	8" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,311.48	327.50
23 05 23 00-0072	EA	10" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,837.33	398.70
23 05 23 00-0073	EA	12" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	2,361.24	484.13
23 05 23 00-0074		**Foot Valves, Metal To Metal Seat Construction** *(23 05 23)*		
23 05 23 00-0075		**Single Poppet** *(23 05 23 00-0074)*		
23 05 23 00-0076	EA	1" Single Poppet Foot Valve, Metal To Metal Seat Construction	63.86	25.83
23 05 23 00-0077	EA	1-1/4" Single Poppet Foot Valve, Metal To Metal Seat Construction	71.78	28.92
23 05 23 00-0078	EA	1-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction	86.34	33.05
23 05 23 00-0079	EA	2" Single Poppet Foot Valve, Metal To Metal Seat Construction	106.57	37.18
23 05 23 00-0080	EA	2-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction	213.57	60.93
23 05 23 00-0081	EA	3" Single Poppet Foot Valve, Metal To Metal Seat Construction	268.14	74.36
23 05 23 00-0082		**Double Poppet** *(23 05 23 00-0074)*		
23 05 23 00-0083	EA	1" Double Poppet Foot Valve, Metal To Metal Seat Construction	63.86	25.83
23 05 23 00-0084	EA	1-1/4" Double Poppet Foot Valve, Metal To Metal Seat Construction	103.19	28.92
23 05 23 00-0085	EA	1-1/2" Double Poppet Foot Valve, Metal To Metal Seat Construction	104.46	33.05
23 05 23 00-0086	EA	2" Double Poppet Foot Valve, Metal To Metal Seat Construction	133.14	37.18
23 05 23 00-0087	EA	3" Double Poppet Foot Valve, Metal To Metal Seat Construction	246.50	60.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0088	EA	4" Double Poppet Foot Valve, Metal To Metal Seat Construction	324.03	73.33
23 05 23 00-0089		**Float Valves** *(23 05 23)*		
23 05 23 00-0090		**Float Valve Assembly For Maintaining Liquid Level In Tanks** *(23 05 23 00-0089)*		
23 05 23 00-0091		**Single Seat, Bronze Construction** *(23 05 23 00-0090)*		
		Note: For storage tanks, reservoirs, cooling towers and filtration plants.		
23 05 23 00-0092	EA	Inlet Size 1/2", Maximum PSI 100, Single Seat Float Valve	90.09	16.66
23 05 23 00-0093	EA	Inlet Size 3/4", Maximum PSI 100, Single Seat Float Valve	104.02	19.83
23 05 23 00-0094	EA	Inlet Size 1", Maximum PSI 100, Single Seat Float Valve	130.11	21.41
23 05 23 00-0095	EA	Inlet Size 1-1/4", Maximum PSI 90, Single Seat Float Valve	208.28	26.96
23 05 23 00-0096	EA	Inlet Size 1-1/2", Maximum PSI 90, Single Seat Float Valve	216.20	30.92
23 05 23 00-0097		**Double Seat, Bronze Construction** *(23 05 23 00-0090)*		
		Note: For hot or cold water or oil to open tanks.		
23 05 23 00-0098	EA	Pipe Size 1/2" Maximum PSI 150, Double Seat Float Valve	408.02	16.66
23 05 23 00-0099	EA	Pipe Size 3/4" Maximum PSI 150, Double Seat Float Valve	414.36	19.83
23 05 23 00-0100	EA	Pipe Size 1" Maximum PSI 150, Double Seat Float Valve	476.37	21.41
23 05 23 00-0101	EA	Pipe Size 1-1/4" Maximum PSI 150, Double Seat Float Valve	530.05	26.96
23 05 23 00-0102	EA	Pipe Size 1-1/2" Maximum PSI 150, Double Seat Float Valve	606.10	30.92
23 05 23 00-0103	EA	Pipe Size 2" Maximum PSI 150, Double Seat Float Valve	790.95	36.47
23 05 23 00-0104	EA	Pipe Size 2-1/2" Maximum PSI 150, Double Seat Float Valve	926.59	48.91
23 05 23 00-0105	EA	Pipe Size 3" Maximum PSI 150, Double Seat Float Valve	1,112.24	56.21
23 05 23 00-0106		**Float Valve Single Seated Balanced For Air Oil Or Water** *(23 05 23 00-0089)*		
		Note: Includes arm, ball and bracket.		
23 05 23 00-0107		**Brass Body Threaded Ends** *(23 05 23 00-0106)*		
23 05 23 00-0108	EA	1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	108.87	21.49
23 05 23 00-0109	EA	3/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	122.49	23.87
23 05 23 00-0110	EA	1" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	146.90	26.40
23 05 23 00-0111	EA	1-1/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	235.48	42.67
23 05 23 00-0112	EA	1-1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	252.60	48.61
23 05 23 00-0113	EA	2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	292.70	60.27
23 05 23 00-0114		**Cast Iron Body Flanged** *(23 05 23 00-0106)*		
23 05 23 00-0115	EA	2-1/2" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket	2,562.46	128.47
23 05 23 00-0116	EA	3" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket	3,085.16	145.99
23 05 23 00-0117		**Float Operated Valves** *(23 05 23 00-0089)*		
23 05 23 00-0118		**For Condensate Receivers Tanks And Vessels** *(23 05 23 00-0117)*		
		Note: Cast iron body, self-contained, float in-line mount.		
23 05 23 00-0119	EA	1" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket	313.47	37.27
23 05 23 00-0120		**For Condensate Receivers Tanks And Vessels** *(23 05 23 00-0117)*		
		Note: Cast iron body, external float tank mount, flanged.		
23 05 23 00-0121	EA	3/4" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket	417.53	69.34
23 05 23 00-0122		**Needle Valves** *(23 05 23)*		
23 05 23 00-0123		**Bronze Needle Valve** *(23 05 23 00-0122)*		
		Note: For heating and cooling applications.		
23 05 23 00-0124	EA	1/4" Needle Valve, Bronze	49.93	7.92
23 05 23 00-0125	EA	3/8" Needle Valve, Bronze	54.94	7.92
23 05 23 00-0126	EA	1/2" Needle Valve, Bronze	59.56	7.92
23 05 23 00-0127	EA	3/4" Needle Valve, Bronze	88.15	8.72
23 05 23 00-0128	EA	1" Needle Valve, Bronze	129.29	9.91
23 05 23 00-0129		**Eccentric Valves With Taps** *(23 05 23)*		
23 05 23 00-0130		**Screwed Eccentric Valves With Taps** *(23 05 23 00-0129)*		
23 05 23 00-0131	EA	1/2" Diameter Eccentric Valves With Taps, Screwed	140.49	7.92
23 05 23 00-0132	EA	3/4" Diameter Eccentric Valves With Taps, Screwed	151.16	8.72
23 05 23 00-0133	EA	1" Diameter Eccentric Valves With Taps, Screwed	190.25	9.91
23 05 23 00-0134	EA	1-1/4" Diameter Eccentric Valves With Taps, Screwed	231.43	10.54
23 05 23 00-0135	EA	1-1/2" Diameter Eccentric Valves With Taps, Screwed	253.69	12.21
23 05 23 00-0136	EA	2" Diameter Eccentric Valves With Taps, Screwed	298.38	14.43
23 05 23 00-0137	EA	2-1/2" Diameter Eccentric Valves With Taps, Screwed	447.38	19.49
23 05 23 00-0138	EA	3" Diameter Eccentric Valves With Taps, Screwed	541.90	22.63
23 05 23 00-0139		**Flanged Eccentric Valves With Taps** *(23 05 23 00-0129)*		
23 05 23 00-0140	EA	2-1/2" Diameter Eccentric Valves With Taps, Flanged	548.18	105.84
23 05 23 00-0141	EA	3" Diameter Eccentric Valves With Taps, Flanged	650.33	124.09
23 05 23 00-0142	EA	4" Diameter Eccentric Valves With Taps, Flanged	888.31	208.04
23 05 23 00-0143	EA	5" Diameter Eccentric Valves With Taps, Flanged	1,205.49	256.30
23 05 23 00-0144	EA	6" Diameter Eccentric Valves With Taps, Flanged	1,505.13	284.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0145	EA	8" Diameter Eccentric Valves With Taps, Flanged	2,484.14	327.50
23 05 23 00-0146	EA	10" Diameter Eccentric Valves With Taps, Flanged	3,459.63	398.70
23 05 23 00-0147	EA	12" Diameter Eccentric Valves With Taps, Flanged	5,863.64	484.13
23 05 23 00-0148		Earthquake-Sensitive Gas Shut-Off Valve *(23 05 23)*		
23 05 23 00-0149		0.5 PSI Threaded Earthquake Gas Shutoff Valves *(23 05 23 00-0148)*		
23 05 23 00-0150	EA	3/4" 0.5 PSI Threaded Earthquake Gas Shutoff Valve	153.76	8.72
23 05 23 00-0151	EA	1" 0.5 PSI Threaded Earthquake Gas Shutoff Valve	173.06	9.91
23 05 23 00-0152		7 PSI Threaded Earthquake Gas Shutoff Valves *(23 05 23 00-0148)*		
23 05 23 00-0153	EA	1-1/4" 7 PSI Threaded Earthquake Gas Shutoff Valve	200.60	10.54
23 05 23 00-0154	EA	1-1/2" 7 PSI Threaded Earthquake Gas Shutoff Valve	274.38	12.21
23 05 23 00-0155		60 PSI Threaded Earthquake Gas Shutoff Valves *(23 05 23 00-0148)*		
23 05 23 00-0156	EA	3/4" 60 PSI Threaded Earthquake Gas Shutoff Valve	193.15	8.72
23 05 23 00-0157	EA	1" 60 PSI Threaded Earthquake Gas Shutoff Valve	200.41	9.91
23 05 23 00-0158	EA	1-1/4" 60 PSI Threaded Earthquake Gas Shutoff Valve	222.49	10.54
23 05 23 00-0159	EA	1-1/2" 60 PSI Threaded Earthquake Gas Shutoff Valve	307.21	12.21
23 05 23 00-0160	EA	2" 60 PSI Threaded Earthquake Gas Shutoff Valve	728.67	14.43
23 05 23 00-0161	EA	2-1/2" 60 PSI Threaded Earthquake Gas Shutoff Valve	863.03	19.42
23 05 23 00-0162	EA	3" 60 PSI Threaded Earthquake Gas Shutoff Valve	1,124.53	22.63
23 05 23 00-0163	EA	4" 60 PSI Threaded Earthquake Gas Shutoff Valve	1,304.12	25.55
23 05 23 00-0164		60 PSI Flanged Earthquake Gas Shutoff Valves *(23 05 23 00-0148)*		
23 05 23 00-0165	EA	2" 60 PSI Flanged Earthquake Gas Shutoff Valve	1,007.60	105.70
23 05 23 00-0166	EA	3" 60 PSI Flanged Earthquake Gas Shutoff Valve	1,244.14	124.09
23 05 23 00-0167	EA	4" 60 PSI Flanged Earthquake Gas Shutoff Valve	1,738.00	208.04
23 05 23 00-0168	EA	6" 60 PSI Flanged Earthquake Gas Shutoff Valve	2,927.58	284.78
23 05 23 00-0169	EA	8" 60 PSI Flanged Earthquake Gas Shutoff Valve	7,957.50	327.50
23 05 23 00-0170		Bronze Body Solenoid Valves, 150 PSI Maximum Water Pressure *(23 05 23)*		
23 05 23 00-0171	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Water	58.60	7.92
23 05 23 00-0172	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Water	67.44	7.92
23 05 23 00-0173	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Water	87.13	8.72
23 05 23 00-0174	EA	1" Solenoid Valve, Bronze, 150 PSI, Water	124.20	9.91
23 05 23 00-0175	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Water	213.23	12.21
23 05 23 00-0176	EA	2" Solenoid Valve, Bronze, 150 PSI, Water	323.08	14.43
23 05 23 00-0177	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Water	439.64	19.49
23 05 23 00-0178	EA	3" Solenoid Valve, Bronze, 150 PSI, Water	624.45	22.63
23 05 23 00-0179		Gate Valves *(23 05 23)*		
23 05 23 00-0180		Bronze Gate Valves For Threaded, Brazed Or Soldered Installation *(23 05 23 00-0179)*		
		Note: 125 LB.		
23 05 23 00-0181	EA	1/4" Gate Valve, Bronze, Threaded, 125 LB, Brazed Or Soldered	33.33	7.92
		For 150 LB Rating, Add	*1.02*	
		For 200 LB Rating, Add	*1.54*	
		For 250 LB Rating, Add	*2.56*	
		For 300 LB Rating, Add	*3.58*	
		For Work In Restricted Working Space, Add	*6.93*	
23 05 23 00-0182	EA	3/8" Gate Valve, Bronze, Threaded, 125 LB, Brazed Or Soldered	34.55	7.92
		For 150 LB Rating, Add	*1.02*	
		For 200 LB Rating, Add	*1.54*	
		For 250 LB Rating, Add	*2.56*	
		For 300 LB Rating, Add	*3.58*	
		For Work In Restricted Working Space, Add	*7.29*	
23 05 23 00-0183	EA	1/2" Gate Valve, Bronze, Threaded, 125 LB, Brazed Or Soldered	35.82	7.92
		For 150 LB Rating, Add	*1.02*	
		For 200 LB Rating, Add	*1.54*	
		For 250 LB Rating, Add	*2.56*	
		For 300 LB Rating, Add	*3.58*	
		For Work In Restricted Working Space, Add	*7.67*	
23 05 23 00-0184	EA	3/4" Gate Valve, Bronze, Threaded, 125 LB, Brazed Or Soldered	46.70	8.72
		For 150 LB Rating, Add	*1.22*	
		For 200 LB Rating, Add	*1.83*	
		For 250 LB Rating, Add	*3.06*	
		For 300 LB Rating, Add	*4.28*	
		For Work In Restricted Working Space, Add	*10.34*	
23 05 23 00-0185	EA	1" Gate Valve, Bronze, Threaded, 125 LB, Brazed Or Soldered	60.20	9.91
		For 150 LB Rating, Add	*1.85*	
		For 200 LB Rating, Add	*2.77*	
		For 250 LB Rating, Add	*4.62*	
		For 300 LB Rating, Add	*6.46*	
		For Work In Restricted Working Space, Add	*12.52*	
23 05 23 00-0186	EA	1-1/4" Gate Valve, Bronze, Threaded, 125 LB, Brazed Or Soldered	77.76	10.54
		For 150 LB Rating, Add	*2.49*	
		For 200 LB Rating, Add	*3.73*	
		For 250 LB Rating, Add	*6.22*	
		For 300 LB Rating, Add	*8.71*	
		For Work In Restricted Working Space, Add	*15.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0187	EA	1-1/2" Gate Valve, Bronze, Threaded, 125 LB, Brazed Or Soldered	92.35	12.21
		For 150 LB Rating, Add	*3.14*	
		For 200 LB Rating, Add	*4.70*	
		For 250 LB Rating, Add	*7.84*	
		For 300 LB Rating, Add	*10.98*	
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0188	EA	2" Gate Valve, Bronze, Threaded, 125 LB, Brazed Or Soldered	114.94	14.43
		For 150 LB Rating, Add	*4.29*	
		For 200 LB Rating, Add	*6.43*	
		For 250 LB Rating, Add	*10.71*	
		For 300 LB Rating, Add	*15.00*	
		For Work In Restricted Working Space, Add	*21.63*	
23 05 23 00-0189	EA	2-1/2" Gate Valve, Bronze, Threaded, 125 LB, Brazed Or Soldered	219.53	19.49
		For 150 LB Rating, Add	*12.22*	
		For 200 LB Rating, Add	*18.33*	
		For 250 LB Rating, Add	*30.55*	
		For 300 LB Rating, Add	*42.77*	
		For Chain Operated Type, Add	*54.99*	
		For Work In Restricted Working Space, Add	*29.20*	
23 05 23 00-0190	EA	3" Gate Valve, Bronze, Threaded, 125 LB, Brazed Or Soldered	258.38	22.63
		For 150 LB Rating, Add	*14.61*	
		For 200 LB Rating, Add	*21.91*	
		For 250 LB Rating, Add	*36.52*	
		For 300 LB Rating, Add	*51.13*	
		For Chain Operated Type, Add	*65.74*	
		For Work In Restricted Working Space, Add	*33.69*	
23 05 23 00-0191	EA	4" Gate Valve, Bronze, Threaded, 125 LB, Brazed Or Soldered	475.73	25.55
		For 150 LB Rating, Add	*34.80*	
		For 200 LB Rating, Add	*52.20*	
		For 250 LB Rating, Add	*87.00*	
		For 300 LB Rating, Add	*121.80*	
		For Chain Operated Type, Add	*156.60*	
		For Work In Restricted Working Space, Add	*38.32*	

23 05 23 00-0192 Crimped Bronze, 200 PSI, Non Rising Stem Gate Valve *(23 05 23 00-0179)*

23 05 23 00-0193	EA	1/2" Crimped Bronze, 200 PSI, Non Rising Stem Gate Valve	52.03	7.92
		For Work In Restricted Working Space, Add	*5.35*	
23 05 23 00-0194	EA	3/4" Crimped Bronze, 200 PSI, Non Rising Stem Gate Valve	58.71	8.72
		For Work In Restricted Working Space, Add	*6.10*	
23 05 23 00-0195	EA	1" Crimped Bronze, 200 PSI, Non Rising Stem Gate Valve	75.99	9.91
		For Work In Restricted Working Space, Add	*7.29*	
23 05 23 00-0196	EA	1-1/4" Crimped Bronze, 200 PSI, Non Rising Stem Gate Valve	100.53	10.54
		For Work In Restricted Working Space, Add	*8.03*	
23 05 23 00-0197	EA	1-1/2" Crimped Bronze, 200 PSI, Non Rising Stem Gate Valve	115.91	12.21
		For Work In Restricted Working Space, Add	*8.92*	
23 05 23 00-0198	EA	2" Crimped Bronze, 200 PSI, Non Rising Stem Gate Valve	157.00	14.43
		For Work In Restricted Working Space, Add	*10.71*	

23 05 23 00-0199 Bronze Flanged Valves *(23 05 23 00-0179)*

Note: 150 LB.

23 05 23 00-0200	EA	1" Gate Valve, Bronze, Flanged, 150 LB	164.75	59.47
		For 250 LB Rating, Add	*13.49*	
		For 300 LB Rating, Add	*22.49*	
		For Chain Operated Type, Add	*40.47*	
		For Work In Restricted Working Space, Add	*22.44*	
23 05 23 00-0201	EA	1-1/4" Gate Valve, Bronze, Flanged, 150 LB	211.61	69.38
		For 250 LB Rating, Add	*18.81*	
		For 300 LB Rating, Add	*31.36*	
		For Chain Operated Type, Add	*56.44*	
		For Work In Restricted Working Space, Add	*25.86*	
23 05 23 00-0202	EA	1-1/2" Gate Valve, Bronze, Flanged, 150 LB	248.84	83.26
		For 250 LB Rating, Add	*21.68*	
		For 300 LB Rating, Add	*36.13*	
		For Chain Operated Type, Add	*65.03*	
		For Work In Restricted Working Space, Add	*31.30*	
23 05 23 00-0203	EA	2" Gate Valve, Bronze, Flanged, 150 LB	366.98	105.70
		For 250 LB Rating, Add	*35.22*	
		For 300 LB Rating, Add	*58.71*	
		For Chain Operated Type, Add	*105.67*	
		For Work In Restricted Working Space, Add	*39.65*	
23 05 23 00-0204	EA	2-1/2" Gate Valve, Bronze, Flanged, 150 LB	442.14	105.84
		For 250 LB Rating, Add	*46.41*	
		For 300 LB Rating, Add	*77.36*	
		For Chain Operated Type, Add	*139.24*	
		For Work In Restricted Working Space, Add	*39.82*	
23 05 23 00-0205	EA	3" Gate Valve, Bronze, Flanged, 150 LB	529.89	124.09
		For 250 LB Rating, Add	*56.19*	
		For 300 LB Rating, Add	*93.65*	
		For Chain Operated Type, Add	*168.56*	
		For Work In Restricted Working Space, Add	*46.59*	

23 05 23 00-0206 Iron Body, Bronze Trim, Threaded Valves, 125 LB *(23 05 23 00-0179)*

23 05 23 00-0207	EA	1-1/2" Gate Valve, Iron Body, Threaded, 125 LB, Bronze Trim	87.75	12.21
		For 150 LB Rating, Add	*5.35*	
		For 250 LB Rating, Add	*9.37*	
		For Chain Operated Type, Add	*9.37*	
		For Work In Restricted Working Space, Add	*18.30*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0208	EA	2" Gate Valve, Iron Body, Threaded, 125 LB, Bronze Trim	174.29	14.43
		For 150 LB Rating, Add	*20.44*	
		For 250 LB Rating, Add	*35.77*	
		For Chain Operated Type, Add	*35.77*	
		For Work In Restricted Working Space, Add	*21.63*	
23 05 23 00-0209	EA	2-1/2" Gate Valve, Iron Body, Threaded, 125 LB, Bronze Trim	251.04	19.49
		For 150 LB Rating, Add	*30.74*	
		For 250 LB Rating, Add	*53.80*	
		For Chain Operated Type, Add	*53.80*	
		For Work In Restricted Working Space, Add	*29.20*	
23 05 23 00-0210	EA	3" Gate Valve, Iron Body, Threaded, 125 LB, Bronze Trim	313.98	22.63
		For 150 LB Rating, Add	*40.34*	
		For 250 LB Rating, Add	*70.59*	
		For Chain Operated Type, Add	*70.59*	
		For Work In Restricted Working Space, Add	*33.69*	
23 05 23 00-0211	EA	4" Gate Valve, Iron Body, Threaded, 125 LB, Bronze Trim	670.64	25.55
		For 150 LB Rating, Add	*108.58*	
		For 250 LB Rating, Add	*190.02*	
		For Chain Operated Type, Add	*190.02*	
		For Work In Restricted Working Space, Add	*38.32*	

23 05 23 00-0212 Iron Body, Bronze Trim, Flanged, 125 LB *(23 05 23 00-0179)*

Note: Non-rising stem.

23 05 23 00-0213	EA	1-1/2" Gate Valve, Iron Body, Flanged, 125 LB, Bronze Trim, With Non Rising Stem	255.45	83.26
		For 150 LB Rating, Add	*43.82*	
		For 250 LB Rating, Add	*75.56*	
		For 300 LB Rating, ASTM A182, Add	*203.29*	
		For Chain Operated Type, Add	*75.56*	
		For Work In Restricted Working Space, Add	*31.30*	
23 05 23 00-0214	EA	2" Gate Valve, Iron Body, Flanged, 125 LB, Bronze Trim, With Non Rising Stem	290.21	105.70
		For 150 LB Rating, Add	*45.83*	
		For 250 LB Rating, Add	*79.03*	
		For 300 LB Rating, ASTM A182, Add	*224.13*	
		For Chain Operated Type, Add	*79.03*	
		For Work In Restricted Working Space, Add	*39.65*	
23 05 23 00-0215	EA	2-1/2" Gate Valve, Iron Body, Flanged, 125 LB, Bronze Trim, With Non Rising Stem	322.35	105.84
		For 150 LB Rating, Add	*54.99*	
		For 250 LB Rating, Add	*94.82*	
		For 300 LB Rating, ASTM A182, Add	*255.99*	
		For Chain Operated Type, Add	*94.82*	
		For Work In Restricted Working Space, Add	*39.82*	
23 05 23 00-0216	EA	3" Gate Valve, Iron Body, Flanged, 125 LB, Bronze Trim, With Non Rising Stem	392.33	124.09
		For 150 LB Rating, Add	*68.74*	
		For 250 LB Rating, Add	*118.51*	
		For 300 LB Rating, ASTM A182, Add	*314.68*	
		For Chain Operated Type, Add	*118.51*	
		For Work In Restricted Working Space, Add	*46.59*	
23 05 23 00-0217	EA	4" Gate Valve, Iron Body, Flanged, 125 LB, Bronze Trim, With Non Rising Stem	576.75	208.04
		For 150 LB Rating, Add	*91.65*	
		For 250 LB Rating, Add	*158.03*	
		For 300 LB Rating, ASTM A182, Add	*446.40*	
		For Chain Operated Type, Add	*158.03*	
		For Work In Restricted Working Space, Add	*78.21*	
23 05 23 00-0218	EA	5" Gate Valve, Iron Body, Flanged, 125 LB, Bronze Trim, With Non Rising Stem	732.35	256.30
		For 150 LB Rating, Add	*119.14*	
		For 250 LB Rating, Add	*205.41*	
		For 300 LB Rating, ASTM A182, Add	*571.59*	
		For Chain Operated Type, Add	*205.41*	
		For Work In Restricted Working Space, Add	*96.46*	
23 05 23 00-0219	EA	6" Gate Valve, Iron Body, Flanged, 125 LB, Bronze Trim, With Non Rising Stem	861.55	284.78
		For 150 LB Rating, Add	*146.62*	
		For 250 LB Rating, Add	*252.79*	
		For 300 LB Rating, ASTM A182, Add	*683.56*	
		For Chain Operated Type, Add	*252.79*	
		For Work In Restricted Working Space, Add	*106.79*	
23 05 23 00-0220	EA	8" Gate Valve, Iron Body, Flanged, 125 LB, Bronze Trim, With Non Rising Stem	1,244.31	327.50
		For 150 LB Rating, Add	*242.87*	
		For 250 LB Rating, Add	*418.74*	
		For 300 LB Rating, ASTM A182, Add	*1,040.90*	
		For Chain Operated Type, Add	*418.74*	
		For Work In Restricted Working Space, Add	*122.05*	
23 05 23 00-0221	EA	10" Gate Valve, Iron Body, Flanged, 125 LB, Bronze Trim, With Non Rising Stem	1,604.39	398.70
		For 150 LB Rating, Add	*320.75*	
		For 250 LB Rating, Add	*553.02*	
		For 300 LB Rating, ASTM A182, Add	*1,355.21*	
		For Chain Operated Type, Add	*553.02*	
		For Work In Restricted Working Space, Add	*149.51*	
23 05 23 00-0222	EA	12" Gate Valve, Iron Body, Flanged, 125 LB, Bronze Trim, With Non Rising Stem	2,184.20	484.13
		For 150 LB Rating, Add	*458.23*	
		For 250 LB Rating, Add	*790.06*	
		For 300 LB Rating, ASTM A182, Add	*1,882.16*	
		For Chain Operated Type, Add	*790.06*	
		For Work In Restricted Working Space, Add	*181.22*	

23 05 23 00-0223 Iron Body, Outside Stem And Yoke, Threaded Valves, 125 LB, Bronze Trim

(23 05 23 00-0179)

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0224	EA	1-1/2" Gate Valve, Iron Body, Threaded, Outside Stem And Yoke, 125 LB	209.25	12.21
		For 175 LB Rating, Add	*74.13*	
		For 250 LB Rating, Add	*111.20*	
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0225	EA	2" Gate Valve, Iron Body, Threaded, Outside Stem And Yoke, 125 LB	263.75	14.43
		For 175 LB Rating, Add	*95.83*	
		For 250 LB Rating, Add	*143.75*	
		For Work In Restricted Working Space, Add	*21.63*	
23 05 23 00-0226	EA	2-1/2" Gate Valve, Iron Body, Threaded, Outside Stem And Yoke, 125 LB	313.45	19.49
		For 175 LB Rating, Add	*108.06*	
		For 250 LB Rating, Add	*162.09*	
		For Work In Restricted Working Space, Add	*29.20*	
23 05 23 00-0227	EA	3" Gate Valve, Iron Body, Threaded, Outside Stem And Yoke, 125 LB	350.77	22.63
		For 175 LB Rating, Add	*119.24*	
		For 250 LB Rating, Add	*178.85*	
		For Work In Restricted Working Space, Add	*33.69*	
23 05 23 00-0228	EA	4" Gate Valve, Iron Body, Threaded, Outside Stem And Yoke, 125 LB	457.03	25.55
		For 175 LB Rating, Add	*164.65*	
		For 250 LB Rating, Add	*246.97*	
		For Work In Restricted Working Space, Add	*38.32*	

23 05 23 00-0229 Iron Body, Outside Stem And Yoke, Flanged Valves, 125 LB, Bronze Trim

(23 05 23 00-0179)

23 05 23 00-0230	EA	1-1/2" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	322.18	83.26
		For 150 LB Rating, Add	*32.68*	
		For 175 LB Rating, Add	*67.53*	
		For 250 LB Rating, Add	*141.60*	
		For Chain Operated Type, Add	*108.93*	
		For Work In Restricted Working Space, Add	*31.30*	
23 05 23 00-0231	EA	2" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	356.48	105.70
		For 150 LB Rating, Add	*33.65*	
		For 175 LB Rating, Add	*69.54*	
		For 250 LB Rating, Add	*145.81*	
		For Chain Operated Type, Add	*112.16*	
		For Work In Restricted Working Space, Add	*39.65*	
23 05 23 00-0232	EA	2-1/2" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	364.36	105.84
		For 150 LB Rating, Add	*34.75*	
		For 175 LB Rating, Add	*71.81*	
		For 250 LB Rating, Add	*150.57*	
		For Chain Operated Type, Add	*115.82*	
		For Work In Restricted Working Space, Add	*39.82*	
23 05 23 00-0233	EA	3" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	410.18	124.09
		For 150 LB Rating, Add	*38.23*	
		For 175 LB Rating, Add	*79.01*	
		For 250 LB Rating, Add	*165.67*	
		For Chain Operated Type, Add	*127.44*	
		For Work In Restricted Working Space, Add	*46.59*	
23 05 23 00-0234	EA	4" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	569.79	208.04
		For 150 LB Rating, Add	*46.36*	
		For 175 LB Rating, Add	*95.82*	
		For 250 LB Rating, Add	*200.91*	
		For Chain Operated Type, Add	*154.55*	
		For Work In Restricted Working Space, Add	*78.21*	
23 05 23 00-0235	EA	5" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	752.78	256.30
		For 150 LB Rating, Add	*64.69*	
		For 175 LB Rating, Add	*133.69*	
		For 250 LB Rating, Add	*280.31*	
		For Chain Operated Type, Add	*215.63*	
		For Work In Restricted Working Space, Add	*96.46*	
23 05 23 00-0236	EA	6" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	848.48	284.78
		For 150 LB Rating, Add	*73.88*	
		For 175 LB Rating, Add	*152.68*	
		For 250 LB Rating, Add	*320.13*	
		For Chain Operated Type, Add	*246.25*	
		For Work In Restricted Working Space, Add	*106.79*	
23 05 23 00-0237	EA	8" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	1,239.79	327.50
		For 150 LB Rating, Add	*124.94*	
		For 175 LB Rating, Add	*258.22*	
		For 250 LB Rating, Add	*541.42*	
		For Chain Operated Type, Add	*416.48*	
		For Work In Restricted Working Space, Add	*122.05*	
23 05 23 00-0238	EA	10" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	1,780.28	398.70
		For 150 LB Rating, Add	*192.29*	
		For 175 LB Rating, Add	*397.40*	
		For 250 LB Rating, Add	*833.25*	
		For Chain Operated Type, Add	*640.96*	
		For Work In Restricted Working Space, Add	*149.51*	
23 05 23 00-0239	EA	12" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	2,228.80	484.13
		For 150 LB Rating, Add	*243.71*	
		For 175 LB Rating, Add	*503.66*	
		For 250 LB Rating, Add	*1,056.07*	
		For Chain Operated Type, Add	*812.36*	
		For Work In Restricted Working Space, Add	*181.22*	
23 05 23 00-0240	EA	14" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	4,257.85	594.85
		For 150 LB Rating, Add	*519.71*	
		For 175 LB Rating, Add	*1,074.06*	
		For 250 LB Rating, Add	*2,252.06*	
		For Work In Restricted Working Space, Add	*237.95*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0241	EA	16" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	5,480.86	697.97
		For 150 LB Rating, Add	*691.26*	
		For 175 LB Rating, Add	*1,428.60*	
		For 250 LB Rating, Add	*2,995.46*	
		For Work In Restricted Working Space, Add	*261.74*	
23 05 23 00-0242	EA	18" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	7,421.25	777.28
		For 150 LB Rating, Add	*967.78*	
		For 175 LB Rating, Add	*2,000.07*	
		For 250 LB Rating, Add	*4,193.70*	
		For Work In Restricted Working Space, Add	*290.82*	
23 05 23 00-0243	EA	20" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	9,384.53	872.46
		For 150 LB Rating, Add	*1,244.09*	
		For 175 LB Rating, Add	*2,571.13*	
		For 250 LB Rating, Add	*5,391.07*	
		For Work In Restricted Working Space, Add	*327.17*	
23 05 23 00-0244	EA	24" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	12,783.94	1,070.75
		For 150 LB Rating, Add	*1,716.26*	
		For 175 LB Rating, Add	*3,546.93*	
		For 250 LB Rating, Add	*7,437.11*	
		For Work In Restricted Working Space, Add	*402.67*	
23 05 23 00-0245	EA	30" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	26,494.75	1,744.91
		For 150 LB Rating, Add	*3,647.04*	
		For 175 LB Rating, Add	*7,537.22*	
		For 250 LB Rating, Add	*15,803.85*	
		For Work In Restricted Working Space, Add	*654.34*	
23 05 23 00-0246	EA	36" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	33,800.78	2,379.43
		For 150 LB Rating, Add	*4,633.89*	
		For 175 LB Rating, Add	*9,576.70*	
		For 250 LB Rating, Add	*20,080.18*	
		For Work In Restricted Working Space, Add	*872.46*	

23 05 23 00-0247 Forged Steel, Screwed, Chrome Trim, Bolted Bonnet, Outside Stem And Yoke *(23 05 23 00-0179)*

Note: 800 PSIG at 850 degrees F.

23 05 23 00-0248	EA	1/4" Gate Valve, Forged Steel, Screwed, Outside Stem And Yoke	65.58	12.77
		For Work In Restricted Working Space, Add	*6.93*	
23 05 23 00-0249	EA	1/2" Gate Valve, Forged Steel, Screwed, Outside Stem And Yoke	68.07	12.77
		For Work In Restricted Working Space, Add	*7.67*	
23 05 23 00-0250	EA	3/4" Gate Valve, Forged Steel, Screwed, Outside Stem And Yoke	82.67	17.21
		For Work In Restricted Working Space, Add	*10.34*	
23 05 23 00-0251	EA	1" Gate Valve, Forged Steel, Screwed, Outside Stem And Yoke	100.29	20.85
		For Work In Restricted Working Space, Add	*12.52*	
23 05 23 00-0252	EA	1-1/4" Gate Valve, Forged Steel, Screwed, Outside Stem And Yoke	147.34	26.40
		For Work In Restricted Working Space, Add	*15.86*	
23 05 23 00-0253	EA	1-1/2" Gate Valve, Forged Steel, Screwed, Outside Stem And Yoke	173.43	30.53
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0254	EA	2" Gate Valve, Forged Steel, Screwed, Outside Stem And Yoke	215.62	36.08
		For Work In Restricted Working Space, Add	*21.63*	

23 05 23 00-0255 Cast Steel Flanged Gate Valves *(23 05 23 00-0179)*

23 05 23 00-0256 Class 150, Cast Steel, Flanged, Gate Valves *(23 05 23 00-0255)*

23 05 23 00-0257	EA	2" Class 150, Cast Steel, Flanged, Gate Valve	650.93	105.70
		For Work In Restricted Working Space, Add	*39.65*	
		For Work In Restricted Working Space, Add	*39.65*	
23 05 23 00-0258	EA	2-1/2" Class 150, Cast Steel, Flanged, Gate Valve	876.78	105.84
		For Work In Restricted Working Space, Add	*39.82*	
		For Work In Restricted Working Space, Add	*39.82*	
23 05 23 00-0259	EA	3" Class 150, Cast Steel, Flanged, Gate Valve	899.37	124.09
		For Work In Restricted Working Space, Add	*46.59*	
		For Work In Restricted Working Space, Add	*46.59*	
23 05 23 00-0260	EA	4" Class 150, Cast Steel, Flanged, Gate Valve	1,169.40	208.04
		For Work In Restricted Working Space, Add	*68.43*	
		For Work In Restricted Working Space, Add	*68.43*	
23 05 23 00-0261	EA	6" Class 150, Cast Steel, Flanged, Gate Valve	1,781.76	284.78
		For Work In Restricted Working Space, Add	*106.79*	
		For Work In Restricted Working Space, Add	*106.79*	
23 05 23 00-0262	EA	8" Class 150, Cast Steel, Flanged, Gate Valve	2,654.60	327.50
		For Work In Restricted Working Space, Add	*122.05*	
		For Work In Restricted Working Space, Add	*122.05*	
23 05 23 00-0263	EA	10" Class 150, Cast Steel, Flanged, Gate Valve	3,779.04	398.70
		For Work In Restricted Working Space, Add	*149.51*	
		For Work In Restricted Working Space, Add	*149.51*	
23 05 23 00-0264	EA	12" Class 150, Cast Steel, Flanged, Gate Valve	4,800.36	484.13
		For Work In Restricted Working Space, Add	*181.23*	
		For Work In Restricted Working Space, Add	*181.23*	

23 05 23 00-0265 Class 300, Cast Steel, Flanged, Gate Valves *(23 05 23 00-0255)*

23 05 23 00-0266	EA	2" Class 300, Cast Steel, Flanged, Gate Valve	830.22	105.70
		For Work In Restricted Working Space, Add	*39.65*	
		For Work In Restricted Working Space, Add	*39.65*	
23 05 23 00-0267	EA	2-1/2" Class 300, Cast Steel, Flanged, Gate Valve	1,056.22	105.84
		For Work In Restricted Working Space, Add	*39.82*	
		For Work In Restricted Working Space, Add	*39.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0268	EA	3" Class 300, Cast Steel, Flanged, Gate Valve	1,078.81	124.09
		For Work In Restricted Working Space, Add	*46.59*	
		For Work In Restricted Working Space, Add	*46.59*	
23 05 23 00-0269	EA	4" Class 300, Cast Steel, Flanged, Gate Valve	1,531.95	208.04
		For Work In Restricted Working Space, Add	*68.43*	
		For Work In Restricted Working Space, Add	*68.43*	
23 05 23 00-0270	EA	6" Class 300, Cast Steel, Flanged, Gate Valve	2,515.42	284.78
		For Work In Restricted Working Space, Add	*106.79*	
		For Work In Restricted Working Space, Add	*106.79*	
23 05 23 00-0271	EA	8" Class 300, Cast Steel, Flanged, Gate Valve	3,674.99	327.50
		For Work In Restricted Working Space, Add	*122.05*	
		For Work In Restricted Working Space, Add	*122.05*	
23 05 23 00-0272	EA	10" Class 300, Cast Steel, Flanged, Gate Valve	4,717.70	398.70
		For Work In Restricted Working Space, Add	*149.51*	
		For Work In Restricted Working Space, Add	*149.51*	
23 05 23 00-0273	EA	12" Class 300, Cast Steel, Flanged, Gate Valve	7,860.87	484.13
		For Work In Restricted Working Space, Add	*181.23*	
		For Work In Restricted Working Space, Add	*181.23*	

23 05 23 00-0274 Class 600, Cast Steel, Flanged, Gate Valves *(23 05 23 00-0255)*

23 05 23 00-0275	EA	2" Class 600, Cast Steel, Flanged, Gate Valve	1,185.51	105.70
		For Work In Restricted Working Space, Add	*39.65*	
		For Work In Restricted Working Space, Add	*39.65*	
23 05 23 00-0276	EA	2-1/2" Class 600, Cast Steel, Flanged, Gate Valve	1,485.33	105.84
		For Work In Restricted Working Space, Add	*39.82*	
		For Work In Restricted Working Space, Add	*39.82*	
23 05 23 00-0277	EA	3" Class 600, Cast Steel, Flanged, Gate Valve	1,507.92	124.09
		For Work In Restricted Working Space, Add	*46.59*	
		For Work In Restricted Working Space, Add	*46.59*	
23 05 23 00-0278	EA	4" Class 600, Cast Steel, Flanged, Gate Valve	2,251.10	208.04
		For Work In Restricted Working Space, Add	*68.43*	
		For Work In Restricted Working Space, Add	*68.43*	
23 05 23 00-0279	EA	6" Class 600, Cast Steel, Flanged, Gate Valve	4,379.55	284.78
		For Work In Restricted Working Space, Add	*106.79*	
		For Work In Restricted Working Space, Add	*106.79*	
23 05 23 00-0280	EA	8" Class 600, Cast Steel, Flanged, Gate Valve	9,094.02	327.50
		For Work In Restricted Working Space, Add	*122.05*	
		For Work In Restricted Working Space, Add	*122.05*	
23 05 23 00-0281	EA	10" Class 600, Cast Steel, Flanged, Gate Valve	13,480.04	398.70
		For Work In Restricted Working Space, Add	*149.51*	
		For Work In Restricted Working Space, Add	*149.51*	
23 05 23 00-0282	EA	12" Class 600, Cast Steel, Flanged, Gate Valve	17,948.81	484.13
		For Work In Restricted Working Space, Add	*181.23*	
		For Work In Restricted Working Space, Add	*181.23*	

23 05 23 00-0283 Ball Valves *(23 05 23)*

See CSI section 23 23 13 00-0000 for refrigeration valves.

23 05 23 00-0284 Threaded Or Sweated Ball Valve, Brass Body, 125 LB, Carbon Steel Trim *(23 05 23 00-0283)*

Note: Regular port.

23 05 23 00-0285	EA	1/2" Ball Valve, Brass Body, Threaded Or Sweated, 125 LB, Regular Port	30.58	7.92
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*2.25*	
		For Work In Restricted Working Space, Add	*7.67*	
23 05 23 00-0286	EA	3/4" Ball Valve, Brass Body, Threaded Or Sweated, 125 LB, Regular Port	42.17	8.72
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*3.46*	
		For Work In Restricted Working Space, Add	*10.34*	
23 05 23 00-0287	EA	1" Ball Valve, Brass Body, Threaded Or Sweated, 125 LB, Regular Port	52.11	9.91
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*4.67*	
		For Work In Restricted Working Space, Add	*12.52*	
23 05 23 00-0288	EA	1-1/4" Ball Valve, Brass Body, Threaded Or Sweated, 125 LB, Regular Port	70.29	10.54
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*7.84*	
		For Work In Restricted Working Space, Add	*15.86*	
23 05 23 00-0289	EA	1-1/2" Ball Valve, Brass Body, Threaded Or Sweated, 125 LB, Regular Port	83.24	12.21
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*10.01*	
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0290	EA	2" Ball Valve, Brass Body, Threaded Or Sweated, 125 LB, Regular Port	99.96	14.43
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*12.54*	
		For Work In Restricted Working Space, Add	*21.63*	
23 05 23 00-0291	EA	2-1/2" Ball Valve, Brass Body, Threaded Or Sweated, 125 LB, Regular Port	228.85	19.49
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*59.18*	
		For Work In Restricted Working Space, Add	*29.20*	
23 05 23 00-0292	EA	3" Ball Valve, Brass Body, Threaded Or Sweated, 125 LB, Regular Port	264.05	22.63
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*68.29*	
		For Work In Restricted Working Space, Add	*33.69*	
23 05 23 00-0293	EA	4" Ball Valve, Brass Body, Threaded Or Sweated, 125 LB, Regular Port	334.63	25.55
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*93.10*	
		For Work In Restricted Working Space, Add	*38.32*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0294		Flanged Ball Valves, Carbon Steel Body, 150 LB, Full Port *(23 05 23 00-0283)*			
23 05 23 00-0295	EA	4" Ball Valve, Flanged, 150 LB, Carbon Steel Trim		835.76	208.04
		For Work In Restricted Working Space, Add		*78.21*	
23 05 23 00-0296	EA	6" Ball Valve, Flanged, 150 LB, Carbon Steel Trim		1,414.76	284.78
		For Work In Restricted Working Space, Add		*106.79*	
23 05 23 00-0297	EA	8" Ball Valve, Flanged, 150 LB, Carbon Steel Trim		2,898.98	327.50
		For Work In Restricted Working Space, Add		*122.05*	
23 05 23 00-0298		Socket Weld End Connections Ball Valves, PVC Body, 150 LB *(23 05 23 00-0283)*			
23 05 23 00-0299	EA	1/2" Ball Valve, PVC, Socket Weld, 150 LB		28.29	7.92
		For True Union Socket Or Thread Type, Add		*2.43*	
		For Work In Restricted Working Space, Add		*7.67*	
23 05 23 00-0300	EA	3/4" Ball Valve, PVC, Socket Weld, 150 LB		37.60	8.72
		For True Union Socket Or Thread Type, Add		*3.06*	
		For Work In Restricted Working Space, Add		*10.34*	
23 05 23 00-0301	EA	1" Ball Valve, PVC, Socket Weld, 150 LB		46.09	9.91
		For True Union Socket Or Thread Type, Add		*3.93*	
		For Work In Restricted Working Space, Add		*12.52*	
23 05 23 00-0302	EA	1-1/4" Ball Valve, PVC, Socket Weld, 150 LB		58.58	10.54
		For True Union Socket Or Thread Type, Add		*5.06*	
		For Work In Restricted Working Space, Add		*15.86*	
23 05 23 00-0303	EA	1-1/2" Ball Valve, PVC, Socket Weld, 150 LB		70.93	12.21
		For True Union Socket Or Thread Type, Add		*7.18*	
		For Work In Restricted Working Space, Add		*18.30*	
23 05 23 00-0304	EA	2" Ball Valve, PVC, Socket Weld, 150 LB		84.76	14.43
		For True Union Socket Or Thread Type, Add		*8.85*	
		For Work In Restricted Working Space, Add		*21.63*	
23 05 23 00-0305	EA	2-1/2" Ball Valve, PVC, Socket Weld, 150 LB		124.59	19.49
		For True Union Socket Or Thread Type, Add		*16.01*	
		For Work In Restricted Working Space, Add		*29.20*	
23 05 23 00-0306	EA	3" Ball Valve, PVC, Socket Weld, 150 LB		158.65	22.63
		For True Union Socket Or Thread Type, Add		*24.44*	
		For Work In Restricted Working Space, Add		*33.69*	
23 05 23 00-0307	EA	4" Ball Valve, PVC, Socket Weld, 150 LB		216.37	25.55
		For True Union Socket Or Thread Type, Add		*42.16*	
		For Work In Restricted Working Space, Add		*38.32*	
23 05 23 00-0308		Threaded Ball Valves, Carbon Steel Body, 150 LB, Full Port *(23 05 23 00-0283)*			
23 05 23 00-0309	EA	1/4" Ball Valve, Carbon Steel Body, Screwed		32.65	7.92
		For Work In Restricted Working Space, Add		*6.93*	
23 05 23 00-0310	EA	1/2" Ball Valve, Carbon Steel Body, Screwed		35.96	7.92
		For Work In Restricted Working Space, Add		*7.67*	
23 05 23 00-0311	EA	3/4" Ball Valve, Carbon Steel Body, Screwed		49.50	8.72
		For Work In Restricted Working Space, Add		*10.34*	
23 05 23 00-0312	EA	1" Ball Valve, Carbon Steel Body, Screwed		61.93	9.91
		For Work In Restricted Working Space, Add		*12.52*	
23 05 23 00-0313	EA	1-1/4" Ball Valve, Carbon Steel Body, Screwed		87.38	10.54
		For Work In Restricted Working Space, Add		*15.86*	
23 05 23 00-0314	EA	1-1/2" Ball Valve, Carbon Steel Body, Screwed		104.71	12.21
		For Work In Restricted Working Space, Add		*18.30*	
23 05 23 00-0315	EA	2" Ball Valve, Carbon Steel Body, Screwed		174.32	14.43
		For Work In Restricted Working Space, Add		*21.63*	
23 05 23 00-0316		Threaded Or Sweated Ball Valve, Brass Body, 125 LB, 3-Way, Carbon Steel Trim *(23 05 23 00-0283)*			
		Note: Regular port.			
23 05 23 00-0317	EA	1/4" 3-Way Ball Valve, Brass Body, Threaded, 125 LB, Regular Port		49.67	11.89
		For Full Port, Add		*6.76*	
		For Work In Restricted Working Space, Add		*10.39*	
23 05 23 00-0318	EA	3/8" 3-Way Ball Valve, Brass Body, Threaded, 125 LB, Regular Port		51.49	11.89
		For Full Port, Add		*6.76*	
		For Work In Restricted Working Space, Add		*10.94*	
23 05 23 00-0319	EA	1/2" 3-Way Ball Valve, Brass Body, Threaded, 125 LB, Regular Port		53.40	11.89
		For Full Port, Add		*6.76*	
		For Work In Restricted Working Space, Add		*11.51*	
23 05 23 00-0320	EA	3/4" 3-Way Ball Valve, Brass Body, Threaded, 125 LB, Regular Port		67.66	13.08
		For Full Port, Add		*7.17*	
		For Work In Restricted Working Space, Add		*15.52*	
23 05 23 00-0321	EA	1" 3-Way Ball Valve, Brass Body, Threaded, 125 LB, Regular Port		86.21	14.87
		For Full Port, Add		*10.62*	
		For Work In Restricted Working Space, Add		*18.78*	
23 05 23 00-0322	EA	1-1/4" 3-Way Ball Valve, Brass Body, Threaded, 125 LB, Regular Port		111.61	15.82
		For Full Port, Add		*14.54*	
		For Work In Restricted Working Space, Add		*23.79*	
23 05 23 00-0323	EA	1-1/2" 3-Way Ball Valve, Brass Body, Threaded, 125 LB, Regular Port		134.45	18.32
		For Full Port, Add		*19.33*	
		For Work In Restricted Working Space, Add		*27.45*	
23 05 23 00-0324	EA	2" 3-Way Ball Valve, Brass Body, Threaded, 125 LB, Regular Port		178.05	21.65
		For Full Port, Add		*31.46*	
		For Work In Restricted Working Space, Add		*32.44*	
23 05 23 00-0325	EA	2-1/2" 3-Way Ball Valve, Brass Body, Threaded, 125 LB, Regular Port		315.66	29.24
		For Full Port, Add		*76.35*	
		For Work In Restricted Working Space, Add		*43.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0326	EA	3" 3-Way Ball Valve, Brass Body, Threaded, 125 LB, Regular Port	437.88	33.94
		For Full Port, Add	*121.24*	
		For Work In Restricted Working Space, Add	*50.54*	

23 05 23 00-0327 Threaded Ball Valves, Stainless Steel Body, 150 LB, Full Port *(23 05 23 00-0283)*

23 05 23 00-0328	EA	1/2" Ball Valve, Stainless Steel Body, Screwed	68.85	7.92
		For Work In Restricted Working Space, Add	*7.67*	
23 05 23 00-0329	EA	3/4" Ball Valve, Stainless Steel Body, Screwed	88.08	8.72
		For Work In Restricted Working Space, Add	*10.34*	
23 05 23 00-0330	EA	1" Ball Valve, Stainless Steel Body, Screwed	109.95	9.91
		For Work In Restricted Working Space, Add	*12.52*	
23 05 23 00-0331	EA	1-1/4" Ball Valve, Stainless Steel Body, Screwed	183.26	10.54
		For Work In Restricted Working Space, Add	*15.86*	
23 05 23 00-0332	EA	1-1/2" Ball Valve, Stainless Steel Body, Screwed	228.22	12.21
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0333	EA	2" Ball Valve, Stainless Steel Body, Screwed	267.28	14.43
		For Work In Restricted Working Space, Add	*21.63*	

23 05 23 00-0334 Crimped Bronze, 250 PSI Ball Valve *(23 05 23 00-0283)*

23 05 23 00-0335	EA	1/2" Crimped Bronze, 250 PSI Ball Valve	38.49	7.92
		For Work In Restricted Working Space, Add	*5.35*	
23 05 23 00-0336	EA	3/4" Crimped Bronze, 250 PSI Ball Valve	48.46	8.72
		For Work In Restricted Working Space, Add	*6.10*	
23 05 23 00-0337	EA	1" Crimped Bronze, 250 PSI Ball Valve	61.33	9.91
		For Work In Restricted Working Space, Add	*7.29*	
23 05 23 00-0338	EA	1-1/4" Crimped Bronze, 250 PSI Ball Valve	93.02	10.54
		For Work In Restricted Working Space, Add	*8.03*	
23 05 23 00-0339	EA	1-1/2" Crimped Bronze, 250 PSI Ball Valve	120.20	12.21
		For Work In Restricted Working Space, Add	*8.92*	
23 05 23 00-0340	EA	2" Crimped Bronze, 250 PSI Ball Valve	176.72	14.43
		For Work In Restricted Working Space, Add	*10.71*	

23 05 23 00-0341 Globe Valves *(23 05 23)*

23 05 23 00-0342 Bronze Threaded, Brazed Or Soldered Installation, 125 LB *(23 05 23 00-0341)*

23 05 23 00-0343	EA	1/8" Globe Valve, Bronze, Threaded Or Soldered, 125 LB	37.24	7.92
		For 150 LB Rating, Add	*3.61*	
		For 200 LB Rating, Add	*4.43*	
		For 250 LB Rating, Add	*5.25*	
		For 300 LB Rating, Add	*6.41*	
		For Work In Restricted Working Space, Add	*7.67*	
23 05 23 00-0344	EA	1/4" Globe Valve, Bronze, Threaded Or Soldered, 125 LB	34.75	7.92
		For 150 LB Rating, Add	*3.61*	
		For 200 LB Rating, Add	*4.43*	
		For 250 LB Rating, Add	*5.25*	
		For 300 LB Rating, Add	*6.41*	
		For Work In Restricted Working Space, Add	*6.93*	
23 05 23 00-0345	EA	3/8" Globe Valve, Bronze, Threaded Or Soldered, 125 LB	41.71	7.92
		For 150 LB Rating, Add	*5.39*	
		For 200 LB Rating, Add	*6.61*	
		For 250 LB Rating, Add	*7.83*	
		For 300 LB Rating, Add	*9.57*	
		For Work In Restricted Working Space, Add	*7.29*	
23 05 23 00-0346	EA	1/2" Globe Valve, Bronze, Threaded Or Soldered, 125 LB	42.98	7.92
		For 150 LB Rating, Add	*5.39*	
		For 200 LB Rating, Add	*6.61*	
		For 250 LB Rating, Add	*7.83*	
		For 300 LB Rating, Add	*9.57*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*29.37*	
		For Work In Restricted Working Space, Add	*7.67*	
23 05 23 00-0347	EA	3/4" Globe Valve, Bronze, Threaded Or Soldered, 125 LB	53.34	8.33
		For 150 LB Rating, Add	*5.85*	
		For 200 LB Rating, Add	*7.17*	
		For 250 LB Rating, Add	*8.49*	
		For 300 LB Rating, Add	*10.37*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*34.54*	
		For Work In Restricted Working Space, Add	*10.34*	
23 05 23 00-0348	EA	1" Globe Valve, Bronze, Threaded Or Soldered, 125 LB	67.23	8.33
		For 150 LB Rating, Add	*7.90*	
		For 200 LB Rating, Add	*9.69*	
		For 250 LB Rating, Add	*11.47*	
		For 300 LB Rating, Add	*14.02*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*44.74*	
		For Work In Restricted Working Space, Add	*12.52*	
23 05 23 00-0349	EA	1-1/4" Globe Valve, Bronze, Threaded Or Soldered, 125 LB	96.90	10.54
		For 150 LB Rating, Add	*13.65*	
		For 200 LB Rating, Add	*16.73*	
		For 250 LB Rating, Add	*19.81*	
		For 300 LB Rating, Add	*24.22*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*69.58*	
		For Work In Restricted Working Space, Add	*15.86*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0350	EA	1-1/2" Globe Valve, Bronze, Threaded Or Soldered, 125 LB	123.91	12.21
		For 150 LB Rating, Add	*19.51*	
		For 200 LB Rating, Add	*23.91*	
		For 250 LB Rating, Add	*28.31*	
		For 300 LB Rating, Add	*34.61*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*93.61*	
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0351	EA	2" Globe Valve, Bronze, Threaded Or Soldered, 125 LB	146.06	14.43
		For 150 LB Rating, Add	*22.93*	
		For 200 LB Rating, Add	*28.11*	
		For 250 LB Rating, Add	*33.29*	
		For 300 LB Rating, Add	*40.68*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*110.20*	
		For Work In Restricted Working Space, Add	*21.63*	
23 05 23 00-0352	EA	2-1/2" Globe Valve, Bronze, Threaded Or Soldered, 125 LB	171.91	19.49
		For 150 LB Rating, Add	*23.12*	
		For 200 LB Rating, Add	*28.34*	
		For 250 LB Rating, Add	*33.56*	
		For 300 LB Rating, Add	*41.02*	
		For Work In Restricted Working Space, Add	*29.20*	
23 05 23 00-0353	EA	3" Globe Valve, Bronze, Threaded Or Soldered, 125 LB	279.38	22.63
		For 150 LB Rating, Add	*51.79*	
		For 200 LB Rating, Add	*63.49*	
		For 250 LB Rating, Add	*75.19*	
		For 300 LB Rating, Add	*91.89*	
		For Work In Restricted Working Space, Add	*33.69*	

23 05 23 00-0354 Iron Body, Threaded Valve Outside Stem And Yoke, 125 LB *(23 05 23 00-0341)*

23 05 23 00-0355	EA	2" Globe Valve, Iron Body, Threaded, Outside Stem And Yoke, 125 LB	202.05	14.43
		For 150 LB Rating, Add	*40.29*	
		For 200 LB Rating, Add	*49.38*	
		For 250 LB Rating, Add	*58.48*	
		For 300 LB Rating, Add	*71.48*	
		For Chain Operated Type, Add	*108.52*	
		For Work In Restricted Working Space, Add	*21.63*	
23 05 23 00-0356	EA	2-1/2" Globe Valve, Iron Body, Threaded, Outside Stem And Yoke, 125 LB	254.86	19.49
		For 150 LB Rating, Add	*48.83*	
		For 200 LB Rating, Add	*59.86*	
		For 250 LB Rating, Add	*70.89*	
		For 300 LB Rating, Add	*86.64*	
		For Chain Operated Type, Add	*131.54*	
		For Work In Restricted Working Space, Add	*29.20*	
23 05 23 00-0357	EA	3" Globe Valve, Iron Body, Threaded, Outside Stem And Yoke, 125 LB	301.33	22.63
		For 150 LB Rating, Add	*58.60*	
		For 200 LB Rating, Add	*71.83*	
		For 250 LB Rating, Add	*85.06*	
		For 300 LB Rating, Add	*103.97*	
		For Chain Operated Type, Add	*157.84*	
		For Work In Restricted Working Space, Add	*33.69*	
23 05 23 00-0358	EA	4" Globe Valve, Iron Body, Threaded, Outside Stem And Yoke, 125 LB	379.75	25.55
		For 150 LB Rating, Add	*78.13*	
		For 200 LB Rating, Add	*95.78*	
		For 250 LB Rating, Add	*113.42*	
		For 300 LB Rating, Add	*138.62*	
		For Chain Operated Type, Add	*210.45*	
		For Work In Restricted Working Space, Add	*38.31*	

23 05 23 00-0359 Iron Body, Flanged Valves Outside Stem And Yoke, 125 LB *(23 05 23 00-0341)*

23 05 23 00-0360	EA	2" Globe Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	261.63	105.70
		For 150 LB Rating, Add	*40.14*	
		For 250 LB Rating, Add	*58.26*	
		For Chain Operated Type, Add	*64.74*	
		For Work In Restricted Working Space, Add	*39.65*	
23 05 23 00-0361	EA	2-1/2" Globe Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	290.55	105.84
		For 150 LB Rating, Add	*48.93*	
		For 250 LB Rating, Add	*71.02*	
		For Chain Operated Type, Add	*78.92*	
		For Work In Restricted Working Space, Add	*39.82*	
23 05 23 00-0362	EA	3" Globe Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	344.70	124.09
		For 150 LB Rating, Add	*58.71*	
		For 250 LB Rating, Add	*85.23*	
		For Chain Operated Type, Add	*94.70*	
		For Work In Restricted Working Space, Add	*46.59*	
23 05 23 00-0363	EA	4" Globe Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	480.63	208.04
		For 150 LB Rating, Add	*78.28*	
		For 250 LB Rating, Add	*113.63*	
		For Chain Operated Type, Add	*126.26*	
		For Work In Restricted Working Space, Add	*68.43*	
23 05 23 00-0364	EA	5" Globe Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	672.69	256.30
		For 150 LB Rating, Add	*108.86*	
		For 250 LB Rating, Add	*158.02*	
		For Chain Operated Type, Add	*175.58*	
		For Work In Restricted Working Space, Add	*96.46*	
23 05 23 00-0365	EA	6" Globe Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	799.87	284.78
		For 150 LB Rating, Add	*137.61*	
		For 250 LB Rating, Add	*199.75*	
		For Chain Operated Type, Add	*221.95*	
		For Work In Restricted Working Space, Add	*106.79*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0366	EA	8" Globe Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	1,089.43	327.50
		For 150 LB Rating, Add	*211.61*	
		For 250 LB Rating, Add	*307.17*	
		For Chain Operated Type, Add	*341.30*	
		For Work In Restricted Working Space, Add	*122.05*	
23 05 23 00-0367	EA	10" Globe Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	1,538.04	398.70
		For 150 LB Rating, Add	*322.30*	
		For 250 LB Rating, Add	*467.86*	
		For Chain Operated Type, Add	*519.84*	
		For Work In Restricted Working Space, Add	*149.51*	
23 05 23 00-0368	EA	12" Globe Valve, Iron Body, Flanged, Outside Stem And Yoke, 125 LB	2,571.44	484.13
		For 150 LB Rating, Add	*609.88*	
		For 250 LB Rating, Add	*885.31*	
		For Chain Operated Type, Add	*983.68*	
		For Work In Restricted Working Space, Add	*181.22*	

23 05 23 00-0369 Bronze Angle Valve, Threaded, Brazed Or Soldered Connection *(23 05 23 00-0341)*

Note: 125 LB.

23 05 23 00-0370	EA	1/8" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125 LB	34.41	7.92
		For 150 LB Rating, Add	*2.74*	
		For 200 LB Rating, Add	*3.36*	
		For 300 LB Rating, Add	*4.86*	
		For Work In Restricted Working Space, Add	*7.67*	
23 05 23 00-0371	EA	1/4" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125 LB	31.92	7.92
		For 150 LB Rating, Add	*2.74*	
		For 200 LB Rating, Add	*3.36*	
		For 300 LB Rating, Add	*4.86*	
		For Work In Restricted Working Space, Add	*6.93*	
23 05 23 00-0372	EA	3/8" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125 LB	33.14	7.92
		For 150 LB Rating, Add	*2.74*	
		For 200 LB Rating, Add	*3.36*	
		For 300 LB Rating, Add	*4.86*	
		For Work In Restricted Working Space, Add	*7.29*	
23 05 23 00-0373	EA	1/2" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125 LB	35.00	7.92
		For 150 LB Rating, Add	*2.92*	
		For 200 LB Rating, Add	*3.58*	
		For 300 LB Rating, Add	*5.18*	
		For Work In Restricted Working Space, Add	*7.67*	
23 05 23 00-0374	EA	3/4" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125 LB	47.54	8.33
		For 150 LB Rating, Add	*4.05*	
		For 200 LB Rating, Add	*4.96*	
		For 300 LB Rating, Add	*7.18*	
		For Work In Restricted Working Space, Add	*10.34*	
23 05 23 00-0375	EA	1" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125 LB	58.88	8.33
		For 150 LB Rating, Add	*5.31*	
		For 200 LB Rating, Add	*6.51*	
		For 300 LB Rating, Add	*9.43*	
		For Work In Restricted Working Space, Add	*12.52*	
23 05 23 00-0376	EA	1-1/4" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125 LB	78.33	10.54
		For 150 LB Rating, Add	*7.89*	
		For 200 LB Rating, Add	*9.67*	
		For 300 LB Rating, Add	*14.00*	
		For Work In Restricted Working Space, Add	*15.86*	
23 05 23 00-0377	EA	1-1/2" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125 LB	90.67	12.21
		For 150 LB Rating, Add	*9.20*	
		For 200 LB Rating, Add	*11.28*	
		For 300 LB Rating, Add	*16.32*	
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0378	EA	2" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125 LB	116.80	14.43
		For 150 LB Rating, Add	*13.86*	
		For 200 LB Rating, Add	*16.99*	
		For 300 LB Rating, Add	*24.59*	
		For Work In Restricted Working Space, Add	*21.63*	
23 05 23 00-0379	EA	2-1/2" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125 LB	186.38	21.18
		For 150 LB Rating, Add	*25.00*	
		For 200 LB Rating, Add	*30.65*	
		For 300 LB Rating, Add	*44.36*	
		For Work In Restricted Working Space, Add	*31.72*	
23 05 23 00-0380	EA	3" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125 LB	258.57	24.58
		For 150 LB Rating, Add	*42.34*	
		For 200 LB Rating, Add	*51.90*	
		For 300 LB Rating, Add	*75.12*	
		For Work In Restricted Working Space, Add	*36.60*	

23 05 23 00-0381 Iron Body Angle Valve Flanged, 125 LB *(23 05 23 00-0341)*

23 05 23 00-0382	EA	2" Angle Globe Valve, Iron Body, Flanged, 125 LB	465.26	105.70
		For 250 LB Rating, Add	*199.86*	
		For Chain Operated Type, Add	*129.91*	
		For Work In Restricted Working Space, Add	*39.65*	
23 05 23 00-0383	EA	2-1/2" Angle Globe Valve, Iron Body, Flanged, 125 LB	526.66	105.84
		For 250 LB Rating, Add	*236.36*	
		For Chain Operated Type, Add	*153.64*	
		For Work In Restricted Working Space, Add	*39.82*	
23 05 23 00-0384	EA	3" Angle Globe Valve, Iron Body, Flanged, 125 LB	619.54	124.09
		For 250 LB Rating, Add	*278.54*	
		For Chain Operated Type, Add	*181.05*	
		For Work In Restricted Working Space, Add	*46.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0385	EA	4" Angle Globe Valve, Iron Body, Flanged, 125 LB	923.76	208.04
		For 250 LB Rating, Add	*397.84*	
		For Chain Operated Type, Add	*258.59*	
		For Work In Restricted Working Space, Add	*78.21*	
23 05 23 00-0386	EA	5" Angle Globe Valve, Iron Body, Flanged, 125 LB	1,509.85	256.30
		For 250 LB Rating, Add	*712.99*	
		For Chain Operated Type, Add	*463.44*	
		For Work In Restricted Working Space, Add	*96.46*	
23 05 23 00-0387	EA	6" Angle Globe Valve, Iron Body, Flanged, 125 LB	1,544.30	284.78
		For 250 LB Rating, Add	*712.99*	
		For Chain Operated Type, Add	*463.44*	
		For Work In Restricted Working Space, Add	*106.79*	
23 05 23 00-0388	EA	8" Angle Globe Valve, Iron Body, Flanged, 125 LB	2,732.61	327.50
		For 250 LB Rating, Add	*1,395.47*	
		For Chain Operated Type, Add	*907.05*	
		For Work In Restricted Working Space, Add	*122.05*	

23 05 23 00-0389 Forged Steel, Screwed, Chrome Trim, Bolted Bonnet, Outside Stem And Yoke *(23 05 23 00-0341)*

Note: 800 PSIG at 850 degrees F.

23 05 23 00-0390	EA	1/4" Globe Valve, Forged Steel, Screwed, Outside Stem And Yoke	79.57	12.85
		For Work In Restricted Working Space, Add	*6.93*	
23 05 23 00-0391	EA	1/2" Globe Valve, Forged Steel, Screwed, Outside Stem And Yoke	82.06	12.85
		For Work In Restricted Working Space, Add	*7.67*	
23 05 23 00-0392	EA	3/4" Globe Valve, Forged Steel, Screwed, Outside Stem And Yoke	98.73	17.29
		For Work In Restricted Working Space, Add	*10.34*	
23 05 23 00-0393	EA	1" Globe Valve, Forged Steel, Screwed, Outside Stem And Yoke	121.54	20.85
		For Work In Restricted Working Space, Add	*12.52*	
23 05 23 00-0394	EA	1-1/4" Globe Valve, Forged Steel, Screwed, Outside Stem And Yoke	189.67	26.40
		For Work In Restricted Working Space, Add	*15.86*	
23 05 23 00-0395	EA	1-1/2" Globe Valve, Forged Steel, Screwed, Outside Stem And Yoke	226.29	30.53
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0396	EA	2" Globe Valve, Forged Steel, Screwed, Outside Stem And Yoke	285.06	36.08
		For Work In Restricted Working Space, Add	*21.63*	

23 05 23 00-0397 Swing Check Valves *(23 05 23)*

23 05 23 00-0398 Iron Body Wafer Type Check Valve *(23 05 23 00-0397)*

23 05 23 00-0399 Single Disk Type *(23 05 23 00-0398)*

23 05 23 00-0400	EA	2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	282.43	137.67
		For 150 LB Rating, Add	*23.16*	
		For 200 LB Rating, Add	*27.57*	
		For 300 LB Rating, Add	*33.09*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*84.06*	
23 05 23 00-0401	EA	2-1/2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	317.36	137.85
		For 150 LB Rating, Add	*30.35*	
		For 200 LB Rating, Add	*36.13*	
		For 300 LB Rating, Add	*43.35*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*99.60*	
23 05 23 00-0402	EA	3" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	384.93	161.63
		For 150 LB Rating, Add	*38.35*	
		For 200 LB Rating, Add	*45.66*	
		For 300 LB Rating, Add	*54.79*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*122.65*	
23 05 23 00-0403	EA	4" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	586.91	270.95
		For 150 LB Rating, Add	*51.95*	
		For 200 LB Rating, Add	*61.84*	
		For 300 LB Rating, Add	*74.21*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*179.22*	
23 05 23 00-0404	EA	6" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	862.84	380.29
		For 150 LB Rating, Add	*81.37*	
		For 200 LB Rating, Add	*96.87*	
		For 300 LB Rating, Add	*116.24*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*269.44*	
23 05 23 00-0405	EA	8" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	1,139.31	437.33
		For 150 LB Rating, Add	*124.87*	
		For 200 LB Rating, Add	*148.66*	
		For 300 LB Rating, Add	*178.39*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*376.52*	
23 05 23 00-0406	EA	10" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	1,620.11	532.41
		For 150 LB Rating, Add	*199.44*	
		For 200 LB Rating, Add	*237.43*	
		For 300 LB Rating, Add	*284.92*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*561.45*	

23 05 23 00-0407 Twin Disc Type *(23 05 23 00-0398)*

23 05 23 00-0408	EA	2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	295.98	137.67
		For 150 LB Rating, Add	*26.01*	
		For 200 LB Rating, Add	*30.96*	
		For 300 LB Rating, Add	*37.15*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*90.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0409	EA	2-1/2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	321.49	137.85
		For 150 LB Rating, Add	*31.21*	
		For 200 LB Rating, Add	*37.16*	
		For 300 LB Rating, Add	*44.59*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*101.46*	
23 05 23 00-0410	EA	3" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	375.70	161.63
		For 150 LB Rating, Add	*36.42*	
		For 200 LB Rating, Add	*43.35*	
		For 300 LB Rating, Add	*52.02*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*118.49*	
23 05 23 00-0411	EA	4" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	559.76	270.95
		For 150 LB Rating, Add	*46.25*	
		For 200 LB Rating, Add	*55.06*	
		For 300 LB Rating, Add	*66.07*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*167.01*	
23 05 23 00-0412	EA	6" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	830.47	380.29
		For 150 LB Rating, Add	*74.57*	
		For 200 LB Rating, Add	*88.78*	
		For 300 LB Rating, Add	*106.53*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*254.87*	
23 05 23 00-0413	EA	8" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	1,085.59	437.33
		For 150 LB Rating, Add	*113.89*	
		For 200 LB Rating, Add	*135.58*	
		For 300 LB Rating, Add	*162.69*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*352.70*	
23 05 23 00-0414	EA	10" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	1,524.64	47.54
		For 150 LB Rating, Add	*180.36*	
		For 200 LB Rating, Add	*214.72*	
		For 300 LB Rating, Add	*257.66*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*519.64*	
23 05 23 00-0415	EA	12" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	1,956.38	646.50
		For 150 LB Rating, Add	*241.64*	
		For 200 LB Rating, Add	*287.67*	
		For 300 LB Rating, Add	*345.20*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*678.95*	
23 05 23 00-0416	EA	14" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	3,316.31	732.33
		For 150 LB Rating, Add	*491.37*	
		For 200 LB Rating, Add	*584.97*	
		For 300 LB Rating, Add	*701.96*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*1,248.23*	
23 05 23 00-0417	EA	16" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	4,377.44	859.27
		For 150 LB Rating, Add	*693.70*	
		For 200 LB Rating, Add	*825.84*	
		For 300 LB Rating, Add	*991.01*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*1,701.33*	
23 05 23 00-0418	EA	18" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	5,678.54	956.91
		For 150 LB Rating, Add	*941.87*	
		For 200 LB Rating, Add	*1,121.28*	
		For 300 LB Rating, Add	*1,345.53*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*2,256.98*	
23 05 23 00-0419	EA	20" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	6,706.24	1,074.09
		For 150 LB Rating, Add	*1,126.36*	
		For 200 LB Rating, Add	*1,340.91*	
		For 300 LB Rating, Add	*1,609.09*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*2,682.16*	
23 05 23 00-0420	EA	24" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	8,700.07	1,318.20
		For 150 LB Rating, Add	*1,480.00*	
		For 200 LB Rating, Add	*1,761.91*	
		For 300 LB Rating, Add	*2,114.29*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*3,501.92*	

23 05 23 00-0421 Lift Check Valves *(23 05 23 00-0397)*

23 05 23 00-0422 Bronze Body, Threaded, Vertical Lift Check Valves *(23 05 23 00-0421)*

Note: Watts #600 series.

23 05 23 00-0423	EA	3/8" Lift Check Valve, Bronze, Threaded	51.67	7.92
23 05 23 00-0424	EA	1/2" Lift Check Valve, Bronze, Threaded	54.60	7.92
23 05 23 00-0425	EA	3/4" Lift Check Valve, Bronze, Threaded	70.62	8.33
23 05 23 00-0426	EA	1" Lift Check Valve, Bronze, Threaded	91.06	8.33
23 05 23 00-0427	EA	1-1/4" Lift Check Valve, Bronze, Threaded	123.57	10.54
23 05 23 00-0428	EA	1-1/2" Lift Check Valve, Bronze, Threaded	148.53	12.21
23 05 23 00-0429	EA	2" Lift Check Valve, Bronze, Threaded	203.71	14.43

23 05 23 00-0430 Bronze Body, Threaded, 300 LB, Lift Check Valves *(23 05 23 00-0421)*

Note: Crane 366E.

23 05 23 00-0431	EA	1/2" Lift Check Valve, Bronze, Threaded, 300 LB	252.85	7.92
23 05 23 00-0432	EA	3/4" Lift Check Valve, Bronze, Threaded, 300 LB	308.97	8.33
23 05 23 00-0433	EA	1" Lift Check Valve, Bronze, Threaded, 300 LB	543.52	8.33
23 05 23 00-0434	EA	1-1/4" Lift Check Valve, Bronze, Threaded, 300 LB	722.89	10.54
23 05 23 00-0435	EA	1-1/2" Lift Check Valve, Bronze, Threaded, 300 LB	787.09	12.21
23 05 23 00-0436	EA	2" Lift Check Valve, Bronze, Threaded, 300 LB	1,007.74	14.43

23 05 23 00-0437 Iron Body, Flanged, 125 LB Vertical Lift Check Valves *(23 05 23 00-0421)*

Note: Mueller 105MAP.

23 05 23 00-0438	EA	2" Lift Check Valve, Iron Body, Flanged, 125 LB	420.26	105.70
23 05 23 00-0439	EA	2-1/2" Lift Check Valve, Iron Body, Flanged, 125 LB	611.14	105.84

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0440	EA	3" Lift Check Valve, Iron Body, Flanged, 125 LB	671.15	124.09
23 05 23 00-0441	EA	4" Lift Check Valve, Iron Body, Flanged, 125 LB	953.91	208.04
23 05 23 00-0442	EA	5" Lift Check Valve, Iron Body, Flanged, 125 LB	1,213.27	256.30
23 05 23 00-0443	EA	6" Lift Check Valve, Iron Body, Flanged, 125 LB	1,473.10	284.78
23 05 23 00-0444	EA	8" Lift Check Valve, Iron Body, Flanged, 125 LB	2,451.49	327.50
23 05 23 00-0445	EA	10" Lift Check Valve, Iron Body, Flanged, 125 LB	3,072.69	398.70
23 05 23 00-0446	EA	12" Lift Check Valve, Iron Body, Flanged, 125 LB	4,887.04	484.13
23 05 23 00-0447	EA	14" Lift Check Valve, Iron Body, Flanged, 125 LB	6,628.52	594.85
23 05 23 00-0448	EA	16" Lift Check Valve, Iron Body, Flanged, 125 LB	7,342.46	697.97

23 05 23 00-0449 Bronze Body *(23 05 23 00-0397)*

23 05 23 00-0450 For Threaded, Brazed Or Soldered Installation, 125 LB *(23 05 23 00-0449)*

23 05 23 00-0451	EA	1/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	39.94	7.92
		For 300 LB Rating, Add	*5.60*	
		For Work In Restricted Working Space, Add	*7.67*	
23 05 23 00-0452	EA	1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	37.45	7.92
		For 300 LB Rating, Add	*5.60*	
		For Work In Restricted Working Space, Add	*6.93*	
23 05 23 00-0453	EA	3/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	38.67	7.92
		For 300 LB Rating, Add	*5.60*	
		For Work In Restricted Working Space, Add	*7.29*	
23 05 23 00-0454	EA	1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	40.51	7.92
		For 300 LB Rating, Add	*5.82*	
		For Work In Restricted Working Space, Add	*7.67*	
23 05 23 00-0455	EA	3/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	52.57	8.33
		For 300 LB Rating, Add	*7.06*	
		For Work In Restricted Working Space, Add	*10.34*	
23 05 23 00-0456	EA	1" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	66.30	8.33
		For 300 LB Rating, Add	*9.58*	
		For Work In Restricted Working Space, Add	*12.52*	
23 05 23 00-0457	EA	1-1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	87.34	10.54
		For 300 LB Rating, Add	*13.44*	
		For Work In Restricted Working Space, Add	*15.86*	
23 05 23 00-0458	EA	1-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	109.27	12.21
		For 300 LB Rating, Add	*18.83*	
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0459	EA	2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	134.16	14.43
		For 300 LB Rating, Add	*24.21*	
		For Work In Restricted Working Space, Add	*21.63*	
23 05 23 00-0460	EA	2-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	240.01	19.49
		For 300 LB Rating, Add	*55.65*	
		For Work In Restricted Working Space, Add	*29.20*	
23 05 23 00-0461	EA	3" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	315.23	22.63
		For 300 LB Rating, Add	*79.14*	
		For Work In Restricted Working Space, Add	*33.69*	
23 05 23 00-0462	EA	4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	357.37	25.55
		For 300 LB Rating, Add	*89.56*	
		For Work In Restricted Working Space, Add	*38.32*	

23 05 23 00-0463 Iron Body, Bronze Trim, Flanged, 125 LB *(23 05 23 00-0397)*

23 05 23 00-0464	EA	1" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125 LB	211.20	59.47
		For 150 LB Rating, Add	*92.75*	
		For 250 LB Rating, Add	*177.31*	
		For Work In Restricted Working Space, Add	*22.44*	
23 05 23 00-0465	EA	1-1/4" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125 LB	236.45	69.38
		For 150 LB Rating, Add	*102.18*	
		For 250 LB Rating, Add	*195.34*	
		For Work In Restricted Working Space, Add	*25.86*	
23 05 23 00-0466	EA	1-1/2" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125 LB	267.31	83.26
		For 150 LB Rating, Add	*110.83*	
		For 250 LB Rating, Add	*211.87*	
		For Work In Restricted Working Space, Add	*31.30*	
23 05 23 00-0467	EA	2" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125 LB	334.58	105.70
		For 150 LB Rating, Add	*137.65*	
		For 250 LB Rating, Add	*263.15*	
		For Work In Restricted Working Space, Add	*39.65*	
23 05 23 00-0468	EA	2-1/2" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125 LB	368.95	105.84
		For 150 LB Rating, Add	*160.64*	
		For 250 LB Rating, Add	*307.10*	
		For Work In Restricted Working Space, Add	*39.82*	
23 05 23 00-0469	EA	3" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125 LB	412.02	124.09
		For 150 LB Rating, Add	*174.56*	
		For 250 LB Rating, Add	*333.72*	
		For Work In Restricted Working Space, Add	*46.59*	
23 05 23 00-0470	EA	4" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125 LB	657.43	208.04
		For 150 LB Rating, Add	*269.78*	
		For 250 LB Rating, Add	*515.75*	
		For Work In Restricted Working Space, Add	*78.21*	
23 05 23 00-0471	EA	5" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125 LB	904.01	256.30
		For 150 LB Rating, Add	*396.09*	
		For 250 LB Rating, Add	*757.22*	
		For Work In Restricted Working Space, Add	*96.46*	
23 05 23 00-0472	EA	6" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125 LB	1,031.35	284.78
		For 150 LB Rating, Add	*459.25*	
		For 250 LB Rating, Add	*877.98*	
		For Work In Restricted Working Space, Add	*106.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0473	EA	8" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125 LB	2,092.97	327.50
		For 150 LB Rating, Add	*1,146.58*	
		For 250 LB Rating, Add	*2,191.98*	
		For Work In Restricted Working Space, Add	*122.05*	
23 05 23 00-0474	EA	10" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125 LB	2,793.55	398.70
		For 150 LB Rating, Add	*1,560.73*	
		For 250 LB Rating, Add	*2,983.75*	
		For Work In Restricted Working Space, Add	*149.51*	
23 05 23 00-0475	EA	12" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125 LB	4,183.32	484.13
		For 150 LB Rating, Add	*2,433.88*	
		For 250 LB Rating, Add	*4,653.01*	
		For Work In Restricted Working Space, Add	*181.22*	
23 05 23 00-0476	EA	14" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125 LB	4,845.34	594.85
		For 150 LB Rating, Add	*2,755.49*	
		For 250 LB Rating, Add	*5,267.85*	
		For Work In Restricted Working Space, Add	*237.95*	
23 05 23 00-0477	EA	16" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125 LB	6,774.45	697.97
		For 150 LB Rating, Add	*4,013.35*	
		For 250 LB Rating, Add	*7,672.59*	
		For Work In Restricted Working Space, Add	*261.74*	
23 05 23 00-0478	EA	18" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125 LB	10,245.67	777.28
		For 150 LB Rating, Add	*6,307.86*	
		For 250 LB Rating, Add	*12,059.15*	
		For Work In Restricted Working Space, Add	*290.82*	
23 05 23 00-0479	EA	20" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125 LB	14,001.58	872.46
		For 150 LB Rating, Add	*8,779.49*	
		For 250 LB Rating, Add	*16,784.31*	
		For Work In Restricted Working Space, Add	*327.17*	
23 05 23 00-0480	EA	24" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125 LB	19,416.85	1,070.75
		For 150 LB Rating, Add	*12,290.73*	
		For 250 LB Rating, Add	*23,496.99*	
		For Work In Restricted Working Space, Add	*402.67*	

23 05 23 00-0481 Forged Steel, Screwed, Chrome Trim, Bolted Bonnet, Piston Check *(23 05 23 00-0397)*

Note: 800 PSIG at 850 Degrees F.

23 05 23 00-0482	EA	1/2" Swing Check Valve, Forged Steel, Screwed	75.32	7.92
		For Work In Restricted Working Space, Add	*7.67*	
23 05 23 00-0483	EA	3/4" Swing Check Valve, Forged Steel, Screwed	90.96	8.72
		For Work In Restricted Working Space, Add	*10.34*	
23 05 23 00-0484	EA	1" Swing Check Valve, Forged Steel, Screwed	108.07	9.91
		For Work In Restricted Working Space, Add	*12.52*	
23 05 23 00-0485	EA	1-1/4" Swing Check Valve, Forged Steel, Screwed	161.34	10.54
		For Work In Restricted Working Space, Add	*15.86*	
23 05 23 00-0486	EA	1-1/2" Swing Check Valve, Forged Steel, Screwed	190.53	12.21
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0487	EA	2" Swing Check Valve, Forged Steel, Screwed	252.41	14.43
		For Work In Restricted Working Space, Add	*21.63*	

23 05 23 00-0488 Swing Check Valves, 150 LB PVC Socket Weld End Connections *(23 05 23 00-0397)*

23 05 23 00-0489	EA	1/2" Check Valve, PVC, Socket Weld, 150 LB	36.68	7.92
		For Work In Restricted Working Space, Add	*7.67*	
23 05 23 00-0490	EA	3/4" Check Valve, PVC, Socket Weld, 150 LB	45.58	8.72
		For Work In Restricted Working Space, Add	*10.34*	
23 05 23 00-0491	EA	1" Check Valve, PVC, Socket Weld, 150 LB	53.28	9.91
		For Work In Restricted Working Space, Add	*12.52*	
23 05 23 00-0492	EA	1-1/4" Check Valve, PVC, Socket Weld, 150 LB	64.88	10.54
		For Work In Restricted Working Space, Add	*15.86*	
23 05 23 00-0493	EA	1-1/2" Check Valve, PVC, Socket Weld, 150 LB	73.70	12.21
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0494	EA	2" Check Valve, PVC, Socket Weld, 150 LB	91.85	14.43
		For Work In Restricted Working Space, Add	*21.63*	
23 05 23 00-0495	EA	2-1/2" Check Valve, PVC, Socket Weld, 150 LB	125.46	19.49
		For Work In Restricted Working Space, Add	*29.20*	
23 05 23 00-0496	EA	3" Check Valve, PVC, Socket Weld, 150 LB	148.81	22.63
		For Work In Restricted Working Space, Add	*33.69*	

23 05 23 00-0497 Crimped Bronze, 200 PSI, Y-Pattern Check Valve *(23 05 23 00-0397)*

23 05 23 00-0498	EA	1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	65.56	7.92
		For Work In Restricted Working Space, Add	*5.35*	
23 05 23 00-0499	EA	3/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	82.29	8.72
		For Work In Restricted Working Space, Add	*6.10*	
23 05 23 00-0500	EA	1" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	111.90	9.91
		For Work In Restricted Working Space, Add	*7.29*	
23 05 23 00-0501	EA	1-1/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	146.43	10.54
		For Work In Restricted Working Space, Add	*8.03*	
23 05 23 00-0502	EA	1-1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	173.62	12.21
		For Work In Restricted Working Space, Add	*8.92*	
23 05 23 00-0503	EA	2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	245.10	14.43
		For Work In Restricted Working Space, Add	*10.71*	

23 05 23 00-0504 Cast Iron Valves *(23 05 23)*

23 05 23 00-0505 PTFE Or Viton Lined, Threaded Cast Iron Valves *(23 05 23 00-0504)*

23 05 23 00-0506	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, PTFE or Viton Lined, Hand Wheel Operated	116.46	23.73

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0507	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, PTFE or Viton Lined, Hand Wheel Operated	145.21	26.27
23 05 23 00-0508	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, PTFE or Viton Lined, Hand Wheel Operated	161.40	32.48
23 05 23 00-0509	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, PTFE or Viton Lined, Hand Wheel Operated	253.38	48.54
23 05 23 00-0510	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, PTFE or Viton Lined, Hand Wheel Operated	388.26	58.39
23 05 23 00-0511		PTFE Or Viton Lined, Flanged Cast Iron Valves *(23 05 23 00-0504)*		
23 05 23 00-0512	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated	151.08	35.69
23 05 23 00-0513	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated	174.26	43.61
23 05 23 00-0514	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated	209.63	59.47
23 05 23 00-0515	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated	314.05	83.26
23 05 23 00-0516	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated	487.40	105.70
23 05 23 00-0517	EA	2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated	609.42	105.84
23 05 23 00-0518	EA	3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated	753.45	124.09
23 05 23 00-0519	EA	4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated	1,081.80	208.04
23 05 23 00-0520	EA	6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated	2,195.54	284.78
23 05 23 00-0521	EA	8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated	3,323.92	327.50
23 05 23 00-0522		EPDM Lined, Threaded Cast Iron Valves *(23 05 23 00-0504)*		
23 05 23 00-0523	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, EPDM Lined, Hand Wheel Operated	80.51	23.73
23 05 23 00-0524	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, EPDM Lined, Hand Wheel Operated	100.74	26.27
23 05 23 00-0525	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, EPDM Lined, Hand Wheel Operated	116.93	32.48
23 05 23 00-0526	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, EPDM Lined, Hand Wheel Operated	192.83	48.54
23 05 23 00-0527	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, EPDM Lined, Hand Wheel Operated	247.30	58.39
23 05 23 00-0528		EPDM Lined, Flanged Cast Iron Valves *(23 05 23 00-0504)*		
23 05 23 00-0529	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated	110.40	35.69
23 05 23 00-0530	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated	123.98	39.64
23 05 23 00-0531	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated	159.34	59.47
23 05 23 00-0532	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated	245.57	83.26
23 05 23 00-0533	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated	327.97	105.70
23 05 23 00-0534	EA	2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated	388.01	105.84
23 05 23 00-0535	EA	3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated	469.90	124.09
23 05 23 00-0536	EA	4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated	747.56	208.04
23 05 23 00-0537	EA	6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated	1,446.72	284.78
23 05 23 00-0538	EA	8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated	2,136.23	327.50
23 05 23 00-0539		125 LB, Flanged Cast Iron Valves, Hand Wheel Operated *(23 05 23 00-0504)*		
23 05 23 00-0540	EA	1" Diaphragm Valve, Cast Iron, 125 LB, Flanged	194.49	59.47
23 05 23 00-0541	EA	1-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	308.48	83.26
23 05 23 00-0542	EA	2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	411.99	105.70
23 05 23 00-0543	EA	2-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	569.17	105.84
23 05 23 00-0544	EA	3" Diaphragm Valve, Cast Iron, 125 LB, Flanged	632.24	124.09
23 05 23 00-0545	EA	4" Diaphragm Valve, Cast Iron, 125 LB, Flanged	998.09	208.04
23 05 23 00-0546	EA	6" Diaphragm Valve, Cast Iron, 125 LB, Flanged	1,957.47	284.78
23 05 23 00-0547	EA	8" Diaphragm Valve, Cast Iron, 125 LB, Flanged	3,894.89	327.50
23 05 23 00-0548		Flow Control Valves And Meters *(23 05 23)*		
23 05 23 00-0549		Conditioned Water Balancing Valves *(23 05 23 00-0548)*		
		Note: Working pressures up to 300 PSIG. Iron and bronze body construction (combination balancing, flow measuring and shut-off).		
23 05 23 00-0550	EA	1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	99.44	52.68
23 05 23 00-0551	EA	3/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	124.32	70.23
23 05 23 00-0552	EA	1" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	171.60	80.25
23 05 23 00-0553	EA	1-1/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	220.30	99.15
23 05 23 00-0554	EA	1-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	248.35	105.34
23 05 23 00-0555	EA	2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	319.58	120.43
23 05 23 00-0556	EA	2-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	595.31	209.54
23 05 23 00-0557	EA	3" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	794.48	239.49
23 05 23 00-0558	EA	3" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,126.94	279.52
23 05 23 00-0559	EA	4" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,272.11	279.52
23 05 23 00-0560	EA	6" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,416.55	299.48
23 05 23 00-0561	EA	8" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,304.66	342.26
23 05 23 00-0562	EA	10" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	3,834.88	380.29
23 05 23 00-0563		Read Out Meters *(23 05 23 00-0548)*		
		Note: For use with conditioned portable water balancing valves.		
23 05 23 00-0564	EA	0.5 - 25% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	466.43	
23 05 23 00-0565	EA	0.5 - 50% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	631.22	
23 05 23 00-0566	EA	0.5 - 75% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	631.22	
23 05 23 00-0567	EA	0.5 - 100% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	631.22	
23 05 23 00-0568		Balancing Valves *(23 05 23)*		
23 05 23 00-0569		Balancing Valves With Lever *(23 05 23 00-0568)*		
		Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0570	EA	1/2" PEC, Threaded Balancing Valve With Lever	153.80	32.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0571	EA	3/4" PEC, Threaded Balancing Valve With Lever	177.59	42.86
23 05 23 00-0572	EA	1" PEC, Threaded Balancing Valve With Lever	192.14	49.06
23 05 23 00-0573	EA	1-1/4" PEC, Threaded Balancing Valve With Lever	223.28	60.93
23 05 23 00-0574	EA	1-1/2" PEC, Threaded Balancing Valve With Lever	238.95	64.55
23 05 23 00-0575	EA	2" PEC, Threaded Balancing Valve With Lever	266.53	73.85
23 05 23 00-0576	EA	2-1/2" PEC, Flanged Balancing Valve With Lever	492.57	130.73
23 05 23 00-0577	EA	3" PEC, Flanged Balancing Valve With Lever	609.47	174.46
23 05 23 00-0578	EA	4" PEC, Flanged Balancing Valve With Lever	782.82	202.03
23 05 23 00-0579	EA	5" PEC, Flanged Balancing Valve With Lever	1,114.95	237.68
23 05 23 00-0580	EA	6" PEC, Flanged Balancing Valve With Lever	1,181.98	271.44
23 05 23 00-0581	EA	8" PEC, Flanged Balancing Valve With Lever	1,496.35	304.24

23 05 23 00-0582 Balancing Valves With Nut *(23 05 23 00-0568)*

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

23 05 23 00-0583	EA	4" PEC, Flanged Balancing Valve With Nut	753.07	202.03
23 05 23 00-0584	EA	5" PEC, Flanged Balancing Valve With Nut	1,077.19	237.68
23 05 23 00-0585	EA	6" PEC, Flanged Balancing Valve With Nut	1,144.22	271.44
23 05 23 00-0586	EA	8" PEC, Flanged Balancing Valve With Nut	1,443.71	304.24

23 05 23 00-0587 Balancing Valves With Hand Wheel *(23 05 23 00-0568)*

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

23 05 23 00-0588	EA	4" PEC, Flanged Balancing Valve With Hand Wheel	976.18	202.03
23 05 23 00-0589	EA	5" PEC, Flanged Balancing Valve With Hand Wheel	1,378.81	271.44
23 05 23 00-0590	EA	6" PEC, Flanged Balancing Valve With Hand Wheel	1,311.75	237.68
23 05 23 00-0591	EA	8" PEC, Flanged Balancing Valve With Hand Wheel	1,633.96	271.44
23 05 23 00-0592	EA	10" PEC, Flanged Balancing Valve With Hand Wheel	2,374.32	332.47
23 05 23 00-0593	EA	12" PEC, Flanged Balancing Valve With Hand Wheel	3,066.51	414.30
23 05 23 00-0594	EA	14" PEC, Flanged Balancing Valve With Hand Wheel	3,975.44	429.44

23 05 23 00-0595 Balancing Valves With Chain Wheel *(23 05 23 00-0568)*

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

23 05 23 00-0596	EA	4" PEC, Flanged Balancing Valve With Chain Wheel	1,097.47	202.03
23 05 23 00-0597	EA	5" PEC, Flanged Balancing Valve With Chain Wheel	1,501.23	271.44
23 05 23 00-0598	EA	6" PEC, Flanged Balancing Valve With Chain Wheel	1,434.17	237.68
23 05 23 00-0599	EA	8" PEC, Flanged Balancing Valve With Chain Wheel	1,755.24	271.44
23 05 23 00-0600	EA	10" PEC, Flanged Balancing Valve With Chain Wheel	2,497.09	332.28
23 05 23 00-0601	EA	12" PEC, Flanged Balancing Valve With Chain Wheel	3,216.66	414.01
23 05 23 00-0602	EA	14" PEC, Flanged Balancing Valve With Chain Wheel	4,123.36	429.63

23 05 23 00-0603 Calibrated Balancing Valves *(23 05 23 00-0568)*

Note: Bell & Gossett CB Series.

23 05 23 00-0604	EA	1/2" Brazed Or Soldered Calibrated Balancing Valve (CB-1/2S)	86.38	10.33
23 05 23 00-0605	EA	3/4" Brazed Or Soldered Calibrated Balancing Valve (CB-3/4S)	103.27	11.36
23 05 23 00-0606	EA	1" Brazed Or Soldered Calibrated Balancing Valve (CB-1S)	125.99	12.91
23 05 23 00-0607	EA	1-1/4" Brazed Or Soldered Calibrated Balancing Valve (CB-1-1/4S)	168.35	13.74
23 05 23 00-0608	EA	1" Threaded Calibrated Balancing Valve (CB-1)	133.29	12.91
23 05 23 00-0609	EA	1-1/4" Threaded Calibrated Balancing Valve (CB-1-1/4)	180.95	13.74
23 05 23 00-0610	EA	1-1/2" Threaded Calibrated Balancing Valve (CB-1-1/2)	210.11	15.91
23 05 23 00-0611	EA	2" Threaded Calibrated Balancing Valve (CB-2)	279.60	18.80
23 05 23 00-0612	EA	2-1/2" Threaded Calibrated Balancing Valve (CB-2-1/2)	509.10	27.58
23 05 23 00-0613	EA	3" Threaded Calibrated Balancing Valve (CB-3)	706.03	32.02
23 05 23 00-0614	EA	2-1/2" Flanged Calibrated Balancing Valve (CB-2-1/2F)	678.61	149.76
23 05 23 00-0615	EA	3" Flanged Calibrated Balancing Valve (CB-3F)	965.91	175.58
23 05 23 00-0616	EA	4" Flanged Calibrated Balancing Valve (CB-4F)	1,473.51	294.36
23 05 23 00-0617	EA	5" Flanged Calibrated Balancing Valve (CB-5F)	2,200.85	371.81
23 05 23 00-0618	EA	6" Flanged Calibrated Balancing Valve (CB-6F)	2,854.41	413.12
23 05 23 00-0619	EA	8" Flanged Calibrated Balancing Valve (CB-8F)	4,984.27	475.09
23 05 23 00-0620	EA	10" Flanged Calibrated Balancing Valve (CB-10F)	6,891.32	546.81
23 05 23 00-0621	EA	12" Flanged Calibrated Balancing Valve (CB-12F)	14,271.99	663.98
23 05 23 00-0622	EA	4" Grooved Calibrated Balancing Valve (CB-4G)	1,666.25	27.30
23 05 23 00-0623	EA	5" Grooved Calibrated Balancing Valve (CB-5G)	1,924.51	36.31
23 05 23 00-0624	EA	6" Grooved Calibrated Balancing Valve (CB-6G)	2,557.01	46.56
23 05 23 00-0625	EA	8" Grooved Calibrated Balancing Valve (CB-8G)	4,777.56	59.09
23 05 23 00-0626	EA	10" Grooved Calibrated Balancing Valve (CB-10G)	6,418.37	66.21
23 05 23 00-0627	EA	12" Grooved Calibrated Balancing Valve (CB-12G)	13,198.23	80.74

23 05 23 00-0628 Butterfly Valves *(23 05 23)*

23 05 23 00-0629 Cast Iron Body, Iron Disc *(23 05 23 00-0628)*

Note: With on-off handle, 150 PSI wafer type.

23 05 23 00-0630	EA	2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	210.88	105.70
		For 200 PSI, Add	*37.79*	
		For Work In Restricted Working Space, Add	*39.65*	
23 05 23 00-0631	EA	2-1/2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	216.02	105.84
		For 200 PSI, Add	*39.98*	
		For Work In Restricted Working Space, Add	*39.82*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0632	EA	3" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	245.01	124.09
		For 200 PSI, Add	*43.06*	
		For Work In Restricted Working Space, Add	*46.59*	
23 05 23 00-0633	EA	4" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	373.29	208.04
		For 200 PSI, Add	*54.04*	
		For Work In Restricted Working Space, Add	*78.21*	
23 05 23 00-0634	EA	5" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	481.71	256.30
		For 200 PSI, Add	*76.89*	
		For Work In Restricted Working Space, Add	*96.46*	
23 05 23 00-0635	EA	6" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	551.86	284.78
		For 200 PSI, Add	*94.02*	
		For Work In Restricted Working Space, Add	*106.79*	
23 05 23 00-0636	EA	8" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	701.57	327.50
		For 200 PSI, Add	*141.48*	
		For Work In Restricted Working Space, Add	*122.05*	
23 05 23 00-0637	EA	10" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	1,069.53	398.70
		For 200 PSI, Add	*274.16*	
		For Work In Restricted Working Space, Add	*149.51*	
23 05 23 00-0638	EA	12" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	1,331.77	484.13
		For 200 PSI, Add	*349.29*	
		For Work In Restricted Working Space, Add	*181.22*	

23 05 23 00-0639 Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve *(23 05 23 00-0628)*

23 05 23 00-0640	EA	2-1/2" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	444.87	21.18
		For Work In Restricted Working Space, Add	*12.49*	
		For Work In Restricted Working Space, Add	*12.49*	
23 05 23 00-0641	EA	3" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	483.82	24.58
		For Work In Restricted Working Space, Add	*14.87*	
		For Work In Restricted Working Space, Add	*14.87*	
23 05 23 00-0642	EA	4" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	606.52	27.75
		For Work In Restricted Working Space, Add	*19.63*	
		For Work In Restricted Working Space, Add	*19.63*	

23 05 23 00-0643 Cast Iron Body, Bronze Disc, Gear Operated, 200 LB *(23 05 23 00-0628)*

23 05 23 00-0644	EA	2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	348.18	105.70
		For Work In Restricted Working Space, Add	*39.65*	
23 05 23 00-0645	EA	2-1/2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	350.57	105.84
		For Work In Restricted Working Space, Add	*39.82*	
23 05 23 00-0646	EA	3" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	384.14	124.09
		For Work In Restricted Working Space, Add	*46.59*	
23 05 23 00-0647	EA	4" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	518.82	208.04
		For Work In Restricted Working Space, Add	*78.21*	
23 05 23 00-0648	EA	5" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	642.81	256.30
		For Work In Restricted Working Space, Add	*96.46*	
23 05 23 00-0649	EA	6" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	711.99	284.78
		For Work In Restricted Working Space, Add	*106.79*	
23 05 23 00-0650	EA	8" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	868.16	327.50
		For Work In Restricted Working Space, Add	*122.05*	
23 05 23 00-0651	EA	10" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	1,094.24	398.70
		For Work In Restricted Working Space, Add	*149.51*	
23 05 23 00-0652	EA	12" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	1,469.99	484.13
		For Work In Restricted Working Space, Add	*181.22*	

23 05 23 00-0653 Cast Iron Body, Bronze Disc, Gear Operated, 150 LB *(23 05 23 00-0628)*

23 05 23 00-0654	EA	14" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	2,338.90	594.85
		For 200 PSI, Add	*556.47*	
		For Work In Restricted Working Space, Add	*237.95*	
23 05 23 00-0655	EA	16" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	2,949.15	697.97
		For 200 PSI, Add	*747.61*	
		For Work In Restricted Working Space, Add	*261.74*	
23 05 23 00-0656	EA	18" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	4,054.85	777.28
		For 200 PSI, Add	*1,110.76*	
		For Work In Restricted Working Space, Add	*290.82*	
23 05 23 00-0657	EA	20" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	5,171.44	872.46
		For 200 PSI, Add	*1,469.11*	
		For Work In Restricted Working Space, Add	*327.17*	
23 05 23 00-0658	EA	24" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	6,914.35	1,070.75
		For 200 PSI, Add	*2,005.96*	
		For Work In Restricted Working Space, Add	*402.67*	
23 05 23 00-0659	EA	30" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	14,268.40	1,812.97
		For 200 PSI, Add	*4,305.95*	
		For Work In Restricted Working Space, Add	*692.23*	
23 05 23 00-0660	EA	36" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	18,081.50	2,472.23
		For 200 PSI, Add	*5,471.00*	
		For Work In Restricted Working Space, Add	*865.28*	

23 05 29 Hangers And Supports For HVAC Piping And Equipment *(23 05)*

23 05 29 00-0001 Hangers And Supports *(23 05 29)*

23 05 29 00-0002 Clevis Hangers *(23 05 29 00-0001)*

23 05 29 00-0003 Steel Clevis Hanger (Cooper B-Line B3100) *(23 05 29 00-0002)*

Note: Type 1.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0004	EA	1/2" Steel Clevis Hanger (Cooper B-Line B3100)	14.63	6.57
		For Work In Restricted Working Space, Add	*3.94*	
		For 304 Stainless Steel, Add	*9.83*	
		For 316 Stainless Steel, Add	*12.67*	
23 05 29 00-0005	EA	3/4" Steel Clevis Hanger (Cooper B-Line B3100)	16.09	7.30
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-0006	EA	1" Steel Clevis Hanger (Cooper B-Line B3100)	16.90	7.30
		For Work In Restricted Working Space, Add	*4.61*	
23 05 29 00-0007	EA	1-1/4" Steel Clevis Hanger (Cooper B-Line B3100)	17.57	7.90
		For Work In Restricted Working Space, Add	*4.74*	
		For 304 Stainless Steel, Add	*11.68*	
		For 316 Stainless Steel, Add	*15.05*	
23 05 29 00-0008	EA	1-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	17.76	7.90
		For Work In Restricted Working Space, Add	*4.74*	
23 05 29 00-0009	EA	2" Steel Clevis Hanger (Cooper B-Line B3100)	18.47	8.03
		For Work In Restricted Working Space, Add	*4.87*	
23 05 29 00-0010	EA	2-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	20.50	8.32
		For Work In Restricted Working Space, Add	*5.01*	
23 05 29 00-0011	EA	3" Steel Clevis Hanger (Cooper B-Line B3100)	21.97	8.75
		For Work In Restricted Working Space, Add	*5.15*	
23 05 29 00-0012	EA	3-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	22.93	9.62
		For Work In Restricted Working Space, Add	*5.50*	
		For 304 Stainless Steel, Add	*30.36*	
		For 316 Stainless Steel, Add	*39.10*	
23 05 29 00-0013	EA	4" Steel Clevis Hanger (Cooper B-Line B3100)	25.23	10.22
		For Work In Restricted Working Space, Add	*5.84*	
23 05 29 00-0014	EA	5" Steel Clevis Hanger (Cooper B-Line B3100)	32.44	12.23
		For Work In Restricted Working Space, Add	*7.34*	
		For 304 Stainless Steel, Add	*52.73*	
		For 316 Stainless Steel, Add	*67.92*	
23 05 29 00-0015	EA	6" Steel Clevis Hanger (Cooper B-Line B3100)	39.06	14.60
		For Work In Restricted Working Space, Add	*8.76*	
23 05 29 00-0016	EA	8" Steel Clevis Hanger (Cooper B-Line B3100)	52.84	18.25
		For Work In Restricted Working Space, Add	*10.95*	
23 05 29 00-0017	EA	10" Steel Clevis Hanger (Cooper B-Line B3100)	77.78	24.81
		For Work In Restricted Working Space, Add	*14.60*	
23 05 29 00-0018	EA	12" Steel Clevis Hanger (Cooper B-Line B3100)	91.43	27.37
		For Work In Restricted Working Space, Add	*16.43*	
23 05 29 00-0019	EA	14" Steel Clevis Hanger (Cooper B-Line B3100)	114.44	30.66
		For Work In Restricted Working Space, Add	*18.83*	
23 05 29 00-0020	EA	16" Steel Clevis Hanger (Cooper B-Line B3100)	143.14	36.50
		For Work In Restricted Working Space, Add	*21.90*	
23 05 29 00-0021	EA	18" Steel Clevis Hanger (Cooper B-Line B3100)	178.37	45.62
		For Work In Restricted Working Space, Add	*27.38*	
23 05 29 00-0022	EA	20" Steel Clevis Hanger (Cooper B-Line B3100)	292.55	54.75
		For Work In Restricted Working Space, Add	*32.85*	
23 05 29 00-0023	EA	24" Steel Clevis Hanger (Cooper B-Line B3100)	451.10	63.87
		For Work In Restricted Working Space, Add	*38.33*	
		For 304 Stainless Steel, Add	*2,134.11*	
		For 316 Stainless Steel, Add	*2,748.48*	

23 05 29 00-0024 Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) *(23 05 29 00-0002)*

23 05 29 00-0025	EA	1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	18.58	6.57
		For Work In Restricted Working Space, Add	*3.94*	
23 05 29 00-0026	EA	3/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	20.04	7.30
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-0027	EA	1" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	20.94	7.30
		For Work In Restricted Working Space, Add	*4.61*	
23 05 29 00-0028	EA	1-1/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	21.68	7.90
		For Work In Restricted Working Space, Add	*4.74*	
23 05 29 00-0029	EA	1-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	22.19	7.90
		For Work In Restricted Working Space, Add	*4.74*	
23 05 29 00-0030	EA	2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	22.75	8.03
		For Work In Restricted Working Space, Add	*4.87*	
23 05 29 00-0031	EA	2-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	25.60	8.32
		For Work In Restricted Working Space, Add	*5.01*	
23 05 29 00-0032	EA	3" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	26.91	8.75
		For Work In Restricted Working Space, Add	*5.15*	
23 05 29 00-0033	EA	3-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	30.14	10.22
		For Work In Restricted Working Space, Add	*5.84*	
23 05 29 00-0034	EA	4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	33.47	10.22
		For Work In Restricted Working Space, Add	*5.84*	
23 05 29 00-0035	EA	5" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	55.66	12.23
		For Work In Restricted Working Space, Add	*7.34*	
23 05 29 00-0036	EA	6" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	69.10	14.60
		For Work In Restricted Working Space, Add	*8.76*	
23 05 29 00-0037	EA	8" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	82.12	18.25
		For Work In Restricted Working Space, Add	*10.95*	

23 05 29 00-0038 Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) *(23 05 29 00-0002)*

23 05 29 00-0039	EA	1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	14.48	6.57
		For Work In Restricted Working Space, Add	*3.94*	
23 05 29 00-0040	EA	3/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	15.98	7.30
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-0041	EA	1" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	16.87	7.30
		For Work In Restricted Working Space, Add	*4.61*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0042	EA	1-1/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	17.34	7.90
		For Work In Restricted Working Space, Add	*4.74*	
23 05 29 00-0043	EA	1-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	17.46	7.90
		For Work In Restricted Working Space, Add	*4.74*	
23 05 29 00-0044	EA	2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	17.96	8.03
		For Work In Restricted Working Space, Add	*4.87*	
23 05 29 00-0045	EA	2-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	19.69	8.32
		For Work In Restricted Working Space, Add	*5.01*	
23 05 29 00-0046	EA	3" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	20.60	8.75
		For Work In Restricted Working Space, Add	*5.15*	
23 05 29 00-0047	EA	3-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	23.19	10.22
		For Work In Restricted Working Space, Add	*5.84*	
23 05 29 00-0048	EA	4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	23.97	10.22
		For Work In Restricted Working Space, Add	*5.84*	

23 05 29 00-0049 Extended Steel Clevis Hanger (Cooper B-Line B3108) *(23 05 29 00-0002)*

23 05 29 00-0050	EA	3/4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	20.91	7.30
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-0051	EA	1" Steel Extended Clevis Hanger (Cooper B-Line B3108)	21.72	7.30
		For Work In Restricted Working Space, Add	*4.61*	
23 05 29 00-0052	EA	1-1/4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	22.16	7.90
		For Work In Restricted Working Space, Add	*4.74*	
23 05 29 00-0053	EA	1-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	22.95	7.90
		For Work In Restricted Working Space, Add	*4.74*	
23 05 29 00-0054	EA	2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	24.68	8.03
		For Work In Restricted Working Space, Add	*4.87*	
23 05 29 00-0055	EA	2-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	26.53	8.32
		For Work In Restricted Working Space, Add	*5.01*	
23 05 29 00-0056	EA	3" Steel Extended Clevis Hanger (Cooper B-Line B3108)	27.88	8.75
		For Work In Restricted Working Space, Add	*5.15*	
23 05 29 00-0057	EA	4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	33.58	10.22
		For Work In Restricted Working Space, Add	*5.84*	
23 05 29 00-0058	EA	5" Steel Extended Clevis Hanger (Cooper B-Line B3108)	42.38	12.23
		For Work In Restricted Working Space, Add	*7.34*	
23 05 29 00-0059	EA	6" Steel Extended Clevis Hanger (Cooper B-Line B3108)	52.40	14.60
		For Work In Restricted Working Space, Add	*8.76*	
23 05 29 00-0060	EA	8" Steel Extended Clevis Hanger (Cooper B-Line B3108)	74.72	18.25
		For Work In Restricted Working Space, Add	*10.95*	
23 05 29 00-0061	EA	10" Steel Extended Clevis Hanger (Cooper B-Line B3108)	105.18	24.81
		For Work In Restricted Working Space, Add	*14.60*	
23 05 29 00-0062	EA	12" Steel Extended Clevis Hanger (Cooper B-Line B3108)	118.13	27.37
		For Work In Restricted Working Space, Add	*16.43*	

23 05 29 00-0063 Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) *(23 05 29 00-0002)*

23 05 29 00-0064	EA	2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	25.61	8.03
		For Work In Restricted Working Space, Add	*4.87*	
23 05 29 00-0065	EA	2-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	27.39	8.32
		For Work In Restricted Working Space, Add	*5.01*	
23 05 29 00-0066	EA	3" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	28.87	8.75
		For Work In Restricted Working Space, Add	*5.15*	
23 05 29 00-0067	EA	3-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	31.90	10.22
		For Work In Restricted Working Space, Add	*5.84*	
23 05 29 00-0068	EA	4" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	33.86	10.22
		For Work In Restricted Working Space, Add	*5.84*	
23 05 29 00-0069	EA	5" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	42.02	12.23
		For Work In Restricted Working Space, Add	*7.34*	
23 05 29 00-0070	EA	6" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	48.98	14.60
		For Work In Restricted Working Space, Add	*8.76*	
23 05 29 00-0071	EA	8" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	65.25	18.25
		For Work In Restricted Working Space, Add	*10.95*	

23 05 29 00-0072 Adjustable Hangers *(23 05 29 00-0001)*

23 05 29 00-0073 Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) *(23 05 29 00-0072)*

Note: Type 5.

23 05 29 00-0074	EA	1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	13.45	5.77
		For Work In Restricted Working Space, Add	*3.46*	
23 05 29 00-0075	EA	3/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	14.72	6.40
		For Work In Restricted Working Space, Add	*3.84*	
23 05 29 00-0076	EA	1" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	16.11	7.11
		For Work In Restricted Working Space, Add	*4.27*	
23 05 29 00-0077	EA	1-1/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	17.77	7.90
		For Work In Restricted Working Space, Add	*4.74*	
23 05 29 00-0078	EA	1-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	18.66	8.30
		For Work In Restricted Working Space, Add	*4.98*	
23 05 29 00-0079	EA	2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	20.05	8.70
		For Work In Restricted Working Space, Add	*5.22*	
23 05 29 00-0080	EA	2-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	23.28	9.09
		For Work In Restricted Working Space, Add	*5.45*	
23 05 29 00-0081	EA	3" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	24.32	9.48
		For Work In Restricted Working Space, Add	*5.69*	
23 05 29 00-0082	EA	4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	29.13	10.67
		For Work In Restricted Working Space, Add	*6.40*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0083		Adjustable Swivel Steel Ring (Cooper B-Line B3170) *(23 05 29 00-0072)* Note: Type 10.		
23 05 29 00-0084	EA	1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	15.47	7.30
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-0085	EA	3/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	16.31	7.30
		For Work In Restricted Working Space, Add	*4.61*	
23 05 29 00-0086	EA	1" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	17.17	8.03
		For Work In Restricted Working Space, Add	*4.87*	
23 05 29 00-0087	EA	1-1/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	18.24	8.75
		For Work In Restricted Working Space, Add	*5.15*	
23 05 29 00-0088	EA	1-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	20.52	10.22
		For Work In Restricted Working Space, Add	*5.84*	
23 05 29 00-0089	EA	2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	21.97	10.22
		For Work In Restricted Working Space, Add	*6.26*	
23 05 29 00-0090	EA	2-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	24.28	10.95
		For Work In Restricted Working Space, Add	*6.74*	
23 05 29 00-0091	EA	3" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	26.24	12.41
		For Work In Restricted Working Space, Add	*7.30*	
23 05 29 00-0092	EA	3-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	29.20	13.32
		For Work In Restricted Working Space, Add	*8.00*	
		For 304 Stainless Steel, Add	*16.83*	
		For 316 Stainless Steel, Add	*21.68*	
23 05 29 00-0093	EA	4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	31.75	14.60
		For Work In Restricted Working Space, Add	*8.76*	
23 05 29 00-0094	EA	5" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	38.14	16.42
		For Work In Restricted Working Space, Add	*9.85*	
		For 304 Stainless Steel, Add	*34.98*	
		For 316 Stainless Steel, Add	*45.05*	
23 05 29 00-0095	EA	6" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	41.88	18.25
		For Work In Restricted Working Space, Add	*10.95*	
		For 304 Stainless Steel, Add	*35.51*	
		For 316 Stainless Steel, Add	*45.73*	
23 05 29 00-0096	EA	8" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	50.18	21.90
		For Work In Restricted Working Space, Add	*13.14*	
		For 304 Stainless Steel, Add	*42.17*	
		For 316 Stainless Steel, Add	*54.32*	
23 05 29 00-0097		Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) *(23 05 29 00-0072)*		
23 05 29 00-0098	EA	1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	15.83	7.30
		For Work In Restricted Working Space, Add	*4.38*	
		For 304 Stainless Steel, Add	*8.12*	
		For 316 Stainless Steel, Add	*10.46*	
23 05 29 00-0099	EA	3/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	16.59	7.30
		For Work In Restricted Working Space, Add	*4.61*	
		For 304 Stainless Steel, Add	*8.12*	
		For 316 Stainless Steel, Add	*10.46*	
23 05 29 00-0100	EA	1" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	17.45	8.03
		For Work In Restricted Working Space, Add	*4.87*	
		For 304 Stainless Steel, Add	*8.12*	
		For 316 Stainless Steel, Add	*10.46*	
23 05 29 00-0101	EA	1-1/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	18.41	8.75
		For Work In Restricted Working Space, Add	*5.15*	
		For 304 Stainless Steel, Add	*8.12*	
		For 316 Stainless Steel, Add	*10.46*	
23 05 29 00-0102	EA	1-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	20.79	10.22
		For Work In Restricted Working Space, Add	*5.84*	
		For 304 Stainless Steel, Add	*8.78*	
		For 316 Stainless Steel, Add	*11.31*	
23 05 29 00-0103	EA	2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	22.18	10.22
		For Work In Restricted Working Space, Add	*6.26*	
		For 304 Stainless Steel, Add	*8.78*	
		For 316 Stainless Steel, Add	*11.31*	
23 05 29 00-0104	EA	2-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	25.96	10.95
		For Work In Restricted Working Space, Add	*6.74*	
		For 304 Stainless Steel, Add	*23.10*	
		For 316 Stainless Steel, Add	*29.75*	
23 05 29 00-0105	EA	3" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	28.66	12.41
		For Work In Restricted Working Space, Add	*7.30*	
		For 304 Stainless Steel, Add	*28.58*	
		For 316 Stainless Steel, Add	*36.81*	
23 05 29 00-0106	EA	3-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	31.32	13.32
		For Work In Restricted Working Space, Add	*8.00*	
		For 304 Stainless Steel, Add	*30.82*	
		For 316 Stainless Steel, Add	*39.70*	
23 05 29 00-0107	EA	4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	34.89	14.60
		For Work In Restricted Working Space, Add	*8.76*	
		For 304 Stainless Steel, Add	*37.55*	
		For 316 Stainless Steel, Add	*48.37*	
23 05 29 00-0108	EA	5" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	38.61	16.42
		For Work In Restricted Working Space, Add	*9.85*	
		For 304 Stainless Steel, Add	*38.08*	
		For 316 Stainless Steel, Add	*49.05*	
23 05 29 00-0109	EA	6" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	44.85	18.25
		For Work In Restricted Working Space, Add	*10.95*	
		For 304 Stainless Steel, Add	*55.11*	
		For 316 Stainless Steel, Add	*70.98*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0110		Roller Hangers *(23 05 29 00-0001)*		
23 05 29 00-0111		Single Pipe Roll (Cooper B-Line B3114) *(23 05 29 00-0110)* Note: Excludes rod and nuts. Type 41.		
23 05 29 00-0112	EA	2" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	27.57	7.61
		For Work In Restricted Working Space, Add	*4.56*	
23 05 29 00-0113	EA	2-1/2" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	30.39	8.55
		For Work In Restricted Working Space, Add	*5.13*	
23 05 29 00-0114	EA	3" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	33.97	9.98
		For Work In Restricted Working Space, Add	*5.99*	
23 05 29 00-0115	EA	3-1/2" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	39.07	11.41
		For Work In Restricted Working Space, Add	*6.85*	
23 05 29 00-0116	EA	4" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	53.05	12.84
		For Work In Restricted Working Space, Add	*7.70*	
23 05 29 00-0117	EA	5" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	48.25	14.26
		For Work In Restricted Working Space, Add	*8.56*	
23 05 29 00-0118	EA	6" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	59.84	17.11
		For Work In Restricted Working Space, Add	*10.27*	
23 05 29 00-0119	EA	8" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	79.66	19.96
		For Work In Restricted Working Space, Add	*11.98*	
23 05 29 00-0120	EA	10" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	94.48	23.77
		For Work In Restricted Working Space, Add	*14.26*	
23 05 29 00-0121		Adjustable Clevis Roller Hanger (Cooper B-Line B3110) *(23 05 29 00-0110)* Note: Type 43.		
23 05 29 00-0122	EA	2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	41.61	13.43
		For Work In Restricted Working Space, Add	*7.75*	
23 05 29 00-0123	EA	2-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	43.46	13.84
		For Work In Restricted Working Space, Add	*8.30*	
		For 304 Stainless Steel, Add	*104.15*	
		For 316 Stainless Steel, Add	*134.13*	
23 05 29 00-0124	EA	3" Steel Clevis Roller Hanger (Cooper B-Line B3110)	47.11	14.46
		For Work In Restricted Working Space, Add	*8.85*	
23 05 29 00-0125	EA	3-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	54.40	15.49
		For Work In Restricted Working Space, Add	*9.29*	
		For 304 Stainless Steel, Add	*154.57*	
		For 316 Stainless Steel, Add	*199.07*	
23 05 29 00-0126	EA	4" Steel Clevis Roller Hanger (Cooper B-Line B3110)	57.84	17.56
		For Work In Restricted Working Space, Add	*10.33*	
23 05 29 00-0127	EA	5" Steel Clevis Roller Hanger (Cooper B-Line B3110)	65.15	18.90
		For Work In Restricted Working Space, Add	*11.34*	
		For 304 Stainless Steel, Add	*180.51*	
		For 316 Stainless Steel, Add	*232.48*	
23 05 29 00-0128	EA	6" Steel Clevis Roller Hanger (Cooper B-Line B3110)	75.27	20.66
		For Work In Restricted Working Space, Add	*12.39*	
23 05 29 00-0129	EA	8" Steel Clevis Roller Hanger (Cooper B-Line B3110)	102.47	25.83
		For Work In Restricted Working Space, Add	*15.49*	
23 05 29 00-0130	EA	10" Steel Clevis Roller Hanger (Cooper B-Line B3110)	129.41	35.12
		For Work In Restricted Working Space, Add	*20.66*	
23 05 29 00-0131	EA	12" Steel Clevis Roller Hanger (Cooper B-Line B3110)	166.49	38.73
		For Work In Restricted Working Space, Add	*23.24*	
23 05 29 00-0132	EA	14" Steel Clevis Roller Hanger (Cooper B-Line B3110)	335.51	44.41
		For Work In Restricted Working Space, Add	*26.65*	
23 05 29 00-0133	EA	16" Steel Clevis Roller Hanger (Cooper B-Line B3110)	419.94	51.64
		For Work In Restricted Working Space, Add	*30.98*	
23 05 29 00-0134		Roller Chair (Cooper B-Line B3120) *(23 05 29 00-0110)*		
23 05 29 00-0135	EA	2" Steel Roller Chair (Cooper B-Line B3120)	40.57	13.43
		For Work In Restricted Working Space, Add	*7.75*	
23 05 29 00-0136	EA	2-1/2" Steel Roller Chair (Cooper B-Line B3120)	43.68	13.84
		For Work In Restricted Working Space, Add	*8.30*	
23 05 29 00-0137	EA	3" Steel Roller Chair (Cooper B-Line B3120)	45.87	14.46
		For Work In Restricted Working Space, Add	*8.85*	
23 05 29 00-0138	EA	3-1/2" Steel Roller Chair (Cooper B-Line B3120)	51.83	15.49
		For Work In Restricted Working Space, Add	*9.29*	
23 05 29 00-0139	EA	4" Steel Roller Chair (Cooper B-Line B3120)	57.73	17.56
		For Work In Restricted Working Space, Add	*10.33*	
23 05 29 00-0140	EA	5" Steel Roller Chair (Cooper B-Line B3120)	63.13	18.90
		For Work In Restricted Working Space, Add	*11.34*	
23 05 29 00-0141	EA	6" Steel Roller Chair (Cooper B-Line B3120)	76.59	20.66
		For Work In Restricted Working Space, Add	*12.39*	
23 05 29 00-0142	EA	8" Steel Roller Chair (Cooper B-Line B3120)	99.33	25.83
		For Work In Restricted Working Space, Add	*15.49*	
23 05 29 00-0143	EA	10" Steel Roller Chair (Cooper B-Line B3120)	128.69	35.12
		For Work In Restricted Working Space, Add	*20.66*	
23 05 29 00-0144	EA	12" Steel Roller Chair (Cooper B-Line B3120)	164.59	38.73
		For Work In Restricted Working Space, Add	*23.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0145	EA	14" Steel Roller Chair (Cooper B-Line B3120)	180.20	44.41
		For Work In Restricted Working Space, Add	*26.65*	
23 05 29 00-0146	EA	16" Steel Roller Chair (Cooper B-Line B3120)	216.71	51.64
		For Work In Restricted Working Space, Add	*30.98*	
23 05 29 00-0147	EA	18" Steel Roller Chair (Cooper B-Line B3120)	290.62	64.55
		For Work In Restricted Working Space, Add	*38.73*	
23 05 29 00-0148	EA	20" Steel Roller Chair (Cooper B-Line B3120)	358.88	77.47
		For Work In Restricted Working Space, Add	*46.48*	

23 05 29 00-0149 Adjustable Roller Support (Cooper B-Line B3122) *(23 05 29 00-0110)*

23 05 29 00-0150	EA	2" Steel Adjustable Roller Support (Cooper B-Line B3122)	45.42	13.43
		For Work In Restricted Working Space, Add	*7.75*	
23 05 29 00-0151	EA	2-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)	50.85	13.84
		For Work In Restricted Working Space, Add	*8.30*	
23 05 29 00-0152	EA	3" Steel Adjustable Roller Support (Cooper B-Line B3122)	53.53	14.46
		For Work In Restricted Working Space, Add	*8.85*	
23 05 29 00-0153	EA	3-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)	56.51	15.49
		For Work In Restricted Working Space, Add	*9.29*	
23 05 29 00-0154	EA	4" Steel Adjustable Roller Support (Cooper B-Line B3122)	67.54	17.56
		For Work In Restricted Working Space, Add	*10.33*	
23 05 29 00-0155	EA	5" Steel Adjustable Roller Support (Cooper B-Line B3122)	76.41	18.90
		For Work In Restricted Working Space, Add	*11.34*	
23 05 29 00-0156	EA	6" Steel Adjustable Roller Support (Cooper B-Line B3122)	88.58	20.66
		For Work In Restricted Working Space, Add	*12.39*	
23 05 29 00-0157	EA	8" Steel Adjustable Roller Support (Cooper B-Line B3122)	124.02	25.83
		For Work In Restricted Working Space, Add	*15.49*	
23 05 29 00-0158	EA	10" Steel Adjustable Roller Support (Cooper B-Line B3122)	155.30	35.12
		For Work In Restricted Working Space, Add	*20.66*	
23 05 29 00-0159	EA	12" Steel Adjustable Roller Support (Cooper B-Line B3122)	179.33	38.73
		For Work In Restricted Working Space, Add	*23.24*	
23 05 29 00-0160	EA	14" Steel Adjustable Roller Support (Cooper B-Line B3122)	250.75	44.41
		For Work In Restricted Working Space, Add	*26.65*	
23 05 29 00-0161	EA	16" Steel Adjustable Roller Support (Cooper B-Line B3122)	300.15	51.64
		For Work In Restricted Working Space, Add	*30.98*	
23 05 29 00-0162	EA	18" Steel Adjustable Roller Support (Cooper B-Line B3122)	342.54	64.55
		For Work In Restricted Working Space, Add	*38.73*	

23 05 29 00-0163 Adjustable Double Roller Support (Cooper B-Line B3122A) *(23 05 29 00-0110)*

23 05 29 00-0164	EA	2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	45.70	13.43
		For Work In Restricted Working Space, Add	*7.75*	
23 05 29 00-0165	EA	2-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	51.10	13.84
		For Work In Restricted Working Space, Add	*8.30*	
23 05 29 00-0166	EA	3" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	53.94	14.46
		For Work In Restricted Working Space, Add	*8.85*	
23 05 29 00-0167	EA	3-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	56.14	15.49
		For Work In Restricted Working Space, Add	*9.29*	
23 05 29 00-0168	EA	4" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	70.37	17.56
		For Work In Restricted Working Space, Add	*10.33*	
23 05 29 00-0169	EA	5" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	79.75	18.90
		For Work In Restricted Working Space, Add	*11.34*	
23 05 29 00-0170	EA	6" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	92.56	20.66
		For Work In Restricted Working Space, Add	*12.39*	
23 05 29 00-0171	EA	8" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	130.18	25.83
		For Work In Restricted Working Space, Add	*15.49*	
23 05 29 00-0172	EA	10" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	162.70	35.12
		For Work In Restricted Working Space, Add	*20.66*	
23 05 29 00-0173	EA	12" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	187.98	38.73
		For Work In Restricted Working Space, Add	*23.24*	
23 05 29 00-0174	EA	14" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	264.59	44.41
		For Work In Restricted Working Space, Add	*26.65*	

23 05 29 00-0175 Pipe And Riser Clamps *(23 05 29 00-0001)*

23 05 29 00-0176 Steel Pipe Clamp (Cooper B-Line B3140) *(23 05 29 00-0175)*

Note: Type 4.

23 05 29 00-0177	EA	1/2" Steel Pipe Clamp (Cooper B-Line B3140)	13.15	4.74
		For Work In Restricted Working Space, Add	*2.84*	
23 05 29 00-0178	EA	3/4" Steel Pipe Clamp (Cooper B-Line B3140)	13.31	4.82
		For Work In Restricted Working Space, Add	*2.89*	
23 05 29 00-0179	EA	1" Steel Pipe Clamp (Cooper B-Line B3140)	13.50	4.90
		For Work In Restricted Working Space, Add	*2.94*	
23 05 29 00-0180	EA	1-1/4" Steel Pipe Clamp (Cooper B-Line B3140)	14.78	4.98
		For Work In Restricted Working Space, Add	*2.99*	
23 05 29 00-0181	EA	1-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	14.93	5.06
		For Work In Restricted Working Space, Add	*3.03*	
23 05 29 00-0182	EA	2" Steel Pipe Clamp (Cooper B-Line B3140)	15.94	5.14
		For Work In Restricted Working Space, Add	*3.08*	
23 05 29 00-0183	EA	2-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	16.59	5.29
		For Work In Restricted Working Space, Add	*3.18*	
23 05 29 00-0184	EA	3" Steel Pipe Clamp (Cooper B-Line B3140)	17.61	5.45
		For Work In Restricted Working Space, Add	*3.27*	
23 05 29 00-0185	EA	3-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	20.54	5.53
		For Work In Restricted Working Space, Add	*3.32*	
23 05 29 00-0186	EA	4" Steel Pipe Clamp (Cooper B-Line B3140)	23.69	7.11
		For Work In Restricted Working Space, Add	*4.27*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0187	EA	5" Steel Pipe Clamp (Cooper B-Line B3140)	34.10	9.48
		For Work In Restricted Working Space, Add	*5.69*	
23 05 29 00-0188	EA	6" Steel Pipe Clamp (Cooper B-Line B3140)	46.91	11.85
		For Work In Restricted Working Space, Add	*7.11*	
23 05 29 00-0189	EA	8" Steel Pipe Clamp (Cooper B-Line B3140)	55.23	13.83
		For Work In Restricted Working Space, Add	*8.30*	
23 05 29 00-0190	EA	10" Steel Pipe Clamp (Cooper B-Line B3140)	81.33	15.81
		For Work In Restricted Working Space, Add	*9.49*	
23 05 29 00-0191	EA	12" Steel Pipe Clamp (Cooper B-Line B3140)	111.66	17.39
		For Work In Restricted Working Space, Add	*10.43*	
23 05 29 00-0192	EA	14" Steel Pipe Clamp (Cooper B-Line B3140)	182.24	18.97
		For Work In Restricted Working Space, Add	*11.38*	
23 05 29 00-0193	EA	16" Steel Pipe Clamp (Cooper B-Line B3140)	197.54	20.55
		For Work In Restricted Working Space, Add	*12.33*	
23 05 29 00-0194	EA	18" Steel Pipe Clamp (Cooper B-Line B3140)	322.96	22.13
		For Work In Restricted Working Space, Add	*13.28*	
23 05 29 00-0195	EA	20" Steel Pipe Clamp (Cooper B-Line B3140)	373.81	23.71
		For Work In Restricted Working Space, Add	*14.23*	
23 05 29 00-0196	EA	24" Steel Pipe Clamp (Cooper B-Line B3140)	488.06	26.08
		For Work In Restricted Working Space, Add	*15.65*	

23 05 29 00-0197 Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) *(23 05 29 00-0175)*

23 05 29 00-0198	EA	3" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	27.77	5.11
		For Work In Restricted Working Space, Add	*3.04*	
23 05 29 00-0199	EA	4" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	36.82	5.11
		For Work In Restricted Working Space, Add	*3.04*	
23 05 29 00-0200	EA	5" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	40.48	5.29
		For Work In Restricted Working Space, Add	*3.17*	
23 05 29 00-0201	EA	6" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	65.26	5.47
		For Work In Restricted Working Space, Add	*3.30*	
23 05 29 00-0202	EA	8" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	71.05	5.84
		For Work In Restricted Working Space, Add	*3.50*	
23 05 29 00-0203	EA	10" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	122.55	5.84
		For Work In Restricted Working Space, Add	*3.50*	
23 05 29 00-0204	EA	12" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	198.93	6.57
		For Work In Restricted Working Space, Add	*3.94*	
23 05 29 00-0205	EA	14" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	252.60	7.30
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-0206	EA	16" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	274.50	8.75
		For Work In Restricted Working Space, Add	*5.26*	
23 05 29 00-0207	EA	18" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	857.15	10.22
		For Work In Restricted Working Space, Add	*6.13*	
23 05 29 00-0208	EA	20" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	985.43	10.95
		For Work In Restricted Working Space, Add	*6.57*	
23 05 29 00-0209	EA	24" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	1,262.72	11.68
		For Work In Restricted Working Space, Add	*7.01*	

23 05 29 00-0210 Steel Riser Clamp (Cooper B-Line B3373) *(23 05 29 00-0175)*

Note: Type 8.

23 05 29 00-0211	EA	1/2" Steel Riser Clamp (Cooper B-Line B3373)	13.35	4.38
		For Work In Restricted Working Space, Add	*2.63*	
23 05 29 00-0212	EA	3/4" Steel Riser Clamp (Cooper B-Line B3373)	13.93	4.45
		For Work In Restricted Working Space, Add	*2.67*	
23 05 29 00-0213	EA	1" Steel Riser Clamp (Cooper B-Line B3373)	14.12	4.52
		For Work In Restricted Working Space, Add	*2.72*	
23 05 29 00-0214	EA	1-1/4" Steel Riser Clamp (Cooper B-Line B3373)	15.34	4.59
		For Work In Restricted Working Space, Add	*2.76*	
23 05 29 00-0215	EA	1-1/2" Steel Riser Clamp (Cooper B-Line B3373)	15.96	4.67
		For Work In Restricted Working Space, Add	*2.80*	
23 05 29 00-0216	EA	2" Steel Riser Clamp (Cooper B-Line B3373)	16.36	4.75
		For Work In Restricted Working Space, Add	*2.85*	
23 05 29 00-0217	EA	2-1/2" Steel Riser Clamp (Cooper B-Line B3373)	17.07	4.89
		For Work In Restricted Working Space, Add	*2.93*	
23 05 29 00-0218	EA	3" Steel Riser Clamp (Cooper B-Line B3373)	18.11	5.04
		For Work In Restricted Working Space, Add	*3.02*	
23 05 29 00-0219	EA	3-1/2" Steel Riser Clamp (Cooper B-Line B3373)	20.00	5.11
		For Work In Restricted Working Space, Add	*3.07*	
23 05 29 00-0220	EA	4" Steel Riser Clamp (Cooper B-Line B3373)	24.21	6.57
		For Work In Restricted Working Space, Add	*3.94*	
23 05 29 00-0221	EA	5" Steel Riser Clamp (Cooper B-Line B3373)	31.25	8.75
		For Work In Restricted Working Space, Add	*5.26*	
23 05 29 00-0222	EA	6" Steel Riser Clamp (Cooper B-Line B3373)	39.66	10.95
		For Work In Restricted Working Space, Add	*6.57*	
23 05 29 00-0223	EA	8" Steel Riser Clamp (Cooper B-Line B3373)	54.63	12.77
		For Work In Restricted Working Space, Add	*7.67*	
23 05 29 00-0224	EA	10" Steel Riser Clamp (Cooper B-Line B3373)	72.24	14.60
		For Work In Restricted Working Space, Add	*8.76*	
23 05 29 00-0225	EA	12" Steel Riser Clamp (Cooper B-Line B3373)	87.71	16.06
		For Work In Restricted Working Space, Add	*9.64*	
23 05 29 00-0226	EA	14" Steel Riser Clamp (Cooper B-Line B3373)	118.68	17.52
		For Work In Restricted Working Space, Add	*10.51*	
23 05 29 00-0227	EA	16" Steel Riser Clamp (Cooper B-Line B3373)	228.89	18.98
		For Work In Restricted Working Space, Add	*11.39*	

23 05 29 00-0228 Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) *(23 05 29 00-0175)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0229	EA	1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	24.27	4.38
		For Work In Restricted Working Space, Add	*2.63*	
23 05 29 00-0230	EA	3/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	24.66	4.45
		For Work In Restricted Working Space, Add	*2.67*	
23 05 29 00-0231	EA	1" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	25.69	4.52
		For Work In Restricted Working Space, Add	*2.72*	
23 05 29 00-0232	EA	1-1/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	27.53	4.59
		For Work In Restricted Working Space, Add	*2.76*	
23 05 29 00-0233	EA	1-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	31.20	4.67
		For Work In Restricted Working Space, Add	*2.80*	
23 05 29 00-0234	EA	2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	33.20	4.75
		For Work In Restricted Working Space, Add	*2.85*	
23 05 29 00-0235	EA	2-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	35.98	4.89
		For Work In Restricted Working Space, Add	*2.93*	
23 05 29 00-0236	EA	3" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	39.60	5.04
		For Work In Restricted Working Space, Add	*3.02*	
23 05 29 00-0237	EA	4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	53.69	6.57
		For Work In Restricted Working Space, Add	*3.94*	

23 05 29 00-0238 Two Bolt Steel Underground Clamp (Cooper B-Line B3132) *(23 05 29 00-0175)*

Note: Type 42

23 05 29 00-0239	EA	4" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	55.71	5.11
		For Work In Restricted Working Space, Add	*3.04*	
23 05 29 00-0240	EA	6" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	59.09	5.47
		For Work In Restricted Working Space, Add	*3.30*	
23 05 29 00-0241	EA	8" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	64.95	5.84
		For Work In Restricted Working Space, Add	*3.50*	
23 05 29 00-0242	EA	10" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	69.43	5.84
		For Work In Restricted Working Space, Add	*3.50*	
23 05 29 00-0243	EA	12" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	84.09	6.57
		For Work In Restricted Working Space, Add	*3.94*	
23 05 29 00-0244	EA	14" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	264.08	7.30
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-0245	EA	16" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	354.02	8.75
		For Work In Restricted Working Space, Add	*5.26*	
23 05 29 00-0246	EA	18" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	421.89	10.22
		For Work In Restricted Working Space, Add	*6.13*	
23 05 29 00-0247	EA	20" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	134.47	10.95
		For Work In Restricted Working Space, Add	*6.57*	
23 05 29 00-0248	EA	24" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	849.04	11.68
		For Work In Restricted Working Space, Add	*7.01*	

23 05 29 00-0249 Four Bolt Steel Underground Clamp (Cooper B-Line B3134) *(23 05 29 00-0175)*

23 05 29 00-0250	EA	4" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	51.33	5.11
		For Work In Restricted Working Space, Add	*3.04*	
23 05 29 00-0251	EA	6" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	55.34	5.47
		For Work In Restricted Working Space, Add	*3.30*	
23 05 29 00-0252	EA	8" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	97.58	5.84
		For Work In Restricted Working Space, Add	*3.50*	
23 05 29 00-0253	EA	10" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	108.66	5.84
		For Work In Restricted Working Space, Add	*3.50*	
23 05 29 00-0254	EA	12" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	156.43	6.57
		For Work In Restricted Working Space, Add	*3.94*	
23 05 29 00-0255	EA	14" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	240.47	7.30
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-0256	EA	16" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	322.80	8.75
		For Work In Restricted Working Space, Add	*5.26*	
23 05 29 00-0257	EA	18" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	384.25	10.22
		For Work In Restricted Working Space, Add	*6.13*	
23 05 29 00-0258	EA	20" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	562.61	10.95
		For Work In Restricted Working Space, Add	*6.57*	
23 05 29 00-0259	EA	24" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	770.80	11.68
		For Work In Restricted Working Space, Add	*7.01*	

23 05 29 00-0260 Split Pipe Clamps And Rings *(23 05 29 00-0001)*

23 05 29 00-0261 Adjustable Split Ring Swivel Hanger (Cooper B-Line B3171) *(23 05 29 00-0260)*

Note: Type 6.

23 05 29 00-0262	EA	3/4" Adjustable Swivel Ring (Cooper B-Line B3171)	22.27	6.72
		For Work In Restricted Working Space, Add	*4.03*	
23 05 29 00-0263	EA	1" Adjustable Swivel Ring (Cooper B-Line B3171)	23.58	7.11
		For Work In Restricted Working Space, Add	*4.27*	
23 05 29 00-0264	EA	1-1/4" Adjustable Swivel Ring (Cooper B-Line B3171)	25.62	7.90
		For Work In Restricted Working Space, Add	*4.74*	
23 05 29 00-0265	EA	1-1/2" Adjustable Swivel Ring (Cooper B-Line B3171)	27.63	8.30
		For Work In Restricted Working Space, Add	*4.98*	
23 05 29 00-0266	EA	2" Adjustable Swivel Ring (Cooper B-Line B3171)	29.92	8.70
		For Work In Restricted Working Space, Add	*5.22*	
23 05 29 00-0267	EA	2-1/2" Adjustable Swivel Ring (Cooper B-Line B3171)	37.26	9.09
		For Work In Restricted Working Space, Add	*5.45*	
23 05 29 00-0268	EA	3" Adjustable Swivel Ring (Cooper B-Line B3171)	40.99	9.48
		For Work In Restricted Working Space, Add	*5.69*	
23 05 29 00-0269	EA	4" Adjustable Swivel Ring (Cooper B-Line B3171)	54.94	10.67
		For Work In Restricted Working Space, Add	*6.40*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0270	EA	5" Adjustable Swivel Ring (Cooper B-Line B3171)	69.89	13.44
		For Work In Restricted Working Space, Add	*8.06*	
23 05 29 00-0271	EA	6" Adjustable Swivel Ring (Cooper B-Line B3171)	93.88	15.81
		For Work In Restricted Working Space, Add	*9.49*	
23 05 29 00-0272		Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) *(23 05 29 00-0260)*		
		Note: Type 11.		
23 05 29 00-0273	EA	1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	14.19	5.55
		For Work In Restricted Working Space, Add	*3.40*	
23 05 29 00-0274	EA	3/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	14.97	5.55
		For Work In Restricted Working Space, Add	*3.55*	
23 05 29 00-0275	EA	1" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	16.46	7.14
		For Work In Restricted Working Space, Add	*3.96*	
23 05 29 00-0276	EA	1-1/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	17.95	7.14
		For Work In Restricted Working Space, Add	*4.18*	
23 05 29 00-0277	EA	1-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	20.17	7.14
		For Work In Restricted Working Space, Add	*4.33*	
23 05 29 00-0278	EA	2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	23.68	7.92
		For Work In Restricted Working Space, Add	*4.76*	
23 05 29 00-0279	EA	2-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	32.13	7.92
		For Work In Restricted Working Space, Add	*4.96*	
23 05 29 00-0280	EA	3" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	35.85	8.72
		For Work In Restricted Working Space, Add	*5.17*	
23 05 29 00-0281	EA	4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	38.10	9.52
		For Work In Restricted Working Space, Add	*5.66*	
23 05 29 00-0282		Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) *(23 05 29 00-0260)*		
		Note: Type 12.		
23 05 29 00-0283	EA	1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	14.19	5.55
		For Work In Restricted Working Space, Add	*3.40*	
23 05 29 00-0284	EA	3/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	14.97	5.95
		For Work In Restricted Working Space, Add	*3.55*	
23 05 29 00-0285	EA	1" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	16.46	6.74
		For Work In Restricted Working Space, Add	*3.96*	
23 05 29 00-0286	EA	1-1/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	17.95	7.14
		For Work In Restricted Working Space, Add	*4.18*	
23 05 29 00-0287	EA	1-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	20.17	7.14
		For Work In Restricted Working Space, Add	*4.33*	
23 05 29 00-0288	EA	2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	23.68	7.92
		For Work In Restricted Working Space, Add	*4.76*	
23 05 29 00-0289	EA	2-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	32.13	8.33
		For Work In Restricted Working Space, Add	*4.96*	
23 05 29 00-0290	EA	3" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	35.85	8.72
		For Work In Restricted Working Space, Add	*5.17*	
23 05 29 00-0291		Pipe Straps *(23 05 29 00-0001)*		
23 05 29 00-0292		Standard Pipe Strap, Steel (Cooper B-Line B3180) *(23 05 29 00-0291)*		
		Note: Type 26.		
23 05 29 00-0293	EA	1/2" Standard Pipe Strap, Steel (Cooper B-Line B3180)	11.46	3.97
		For Work In Restricted Working Space, Add	*2.38*	
23 05 29 00-0294	EA	3/4" Standard Pipe Strap, Steel (Cooper B-Line B3180)	12.08	4.75
		For Work In Restricted Working Space, Add	*2.51*	
23 05 29 00-0295	EA	1" Standard Pipe Strap, Steel (Cooper B-Line B3180)	12.71	4.75
		For Work In Restricted Working Space, Add	*2.64*	
23 05 29 00-0296	EA	1-1/4" Standard Pipe Strap, Steel (Cooper B-Line B3180)	13.61	4.75
		For Work In Restricted Working Space, Add	*2.80*	
23 05 29 00-0297	EA	1-1/2" Standard Pipe Strap, Steel (Cooper B-Line B3180)	15.32	5.55
		For Work In Restricted Working Space, Add	*2.97*	
23 05 29 00-0298	EA	2" Standard Pipe Strap, Steel (Cooper B-Line B3180)	16.15	5.55
		For Work In Restricted Working Space, Add	*3.17*	
23 05 29 00-0299	EA	2-1/2" Standard Pipe Strap, Steel (Cooper B-Line B3180)	19.41	5.55
		For Work In Restricted Working Space, Add	*3.40*	
23 05 29 00-0300	EA	3" Standard Pipe Strap, Steel (Cooper B-Line B3180)	22.77	5.55
		For Work In Restricted Working Space, Add	*3.66*	
23 05 29 00-0301		2-Hole Copper Straps *(23 05 29 00-0291)*		
23 05 29 00-0302	EA	1/2" 2-Hole Copper Straps	4.14	
		For Work In Restricted Working Space, Add	*1.19*	
23 05 29 00-0303	EA	3/4" 2-Hole Copper Straps	4.45	
		For Work In Restricted Working Space, Add	*1.25*	
23 05 29 00-0304	EA	1" 2-Hole Copper Straps	2.14	
		For Work In Restricted Working Space, Add	*0.54*	
23 05 29 00-0305		Black Malleable Iron Clamps, 1 Hole *(23 05 29 00-0291)*		
23 05 29 00-0306	EA	1/2" Galvanized Steel Strap, 1 Hole	1.93	
		For Work In Restricted Working Space, Add	*0.40*	
23 05 29 00-0307	EA	3/4" Galvanized Steel Strap, 1 Hole	2.14	
		For Work In Restricted Working Space, Add	*0.43*	
23 05 29 00-0308	EA	1" Galvanized Steel Strap, 1 Hole	2.61	
		For Work In Restricted Working Space, Add	*0.46*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0309	EA	1-1/4" Galvanized Steel Strap, 1 Hole	3.02	
		For Work In Restricted Working Space, Add	*0.50*	
23 05 29 00-0310	EA	1-1/2" Galvanized Steel Strap, 1 Hole	3.43	
		For Work In Restricted Working Space, Add	*0.54*	
23 05 29 00-0311	EA	2" Galvanized Steel Strap, 1 Hole	4.56	
		For Work In Restricted Working Space, Add	*0.59*	

23 05 29 00-0312 Pipe and Equipment Support Brackets *(23 05 29 00-0001)*

23 05 29 00-0313 Pipe and Equipment Supports, Light Duty Welded Steel Bracket (Cooper B-Line B3068) *(23 05 29 00-0312)*

Note: Up to 750# load.

23 05 29 00-0314	EA	9" x 9" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	93.27	8.75
		For Galvanized, Add	*15.15*	
		For Work In Restricted Working Space, Add	*5.26*	
23 05 29 00-0315	EA	13" x 13" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	94.65	8.75
		For Galvanized, Add	*15.43*	
		For Work In Restricted Working Space, Add	*5.26*	
23 05 29 00-0316	EA	19" x 19" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	100.13	8.75
		For Galvanized, Add	*16.52*	
		For Work In Restricted Working Space, Add	*5.26*	

23 05 29 00-0317 Pipe and Equipment Supports, Medium Duty Welded Steel Bracket (Cooper B-Line B3066) *(23 05 29 00-0312)*

Note: Up to 1500# load.

23 05 29 00-0318	EA	12" Wide x 18" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	227.10	8.75
		For Galvanized, Add	*41.92*	
		For Work In Restricted Working Space, Add	*5.26*	
23 05 29 00-0319	EA	18" Wide x 24" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	266.50	8.75
		For Galvanized, Add	*49.80*	
		For Work In Restricted Working Space, Add	*5.26*	
23 05 29 00-0320	EA	24" Wide x 30" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	346.84	8.75
		For Galvanized, Add	*65.86*	
		For Work In Restricted Working Space, Add	*5.26*	

23 05 29 00-0321 Sway Bracing For No Hub Pipe *(23 05 29 00-0001)*

23 05 29 00-0322	EA	1-1/2" Sway Bracing	79.70	9.63
		For Work In Restricted Working Space, Add	*5.76*	
23 05 29 00-0323	EA	2" Sway Bracing	82.21	10.15
		For Work In Restricted Working Space, Add	*6.08*	
23 05 29 00-0324	EA	3" Sway Bracing	85.24	10.73
		For Work In Restricted Working Space, Add	*6.44*	
23 05 29 00-0325	EA	4" Sway Bracing	96.74	12.19
		For Work In Restricted Working Space, Add	*7.30*	
23 05 29 00-0326	EA	6" Sway Bracing	142.09	18.25
		For Work In Restricted Working Space, Add	*10.95*	
23 05 29 00-0327	EA	8" Sway Bracing	158.38	22.78
		For Work In Restricted Working Space, Add	*13.69*	
23 05 29 00-0328	EA	10" Sway Bracing	180.33	30.44
		For Work In Restricted Working Space, Add	*18.25*	

23 05 29 00-0329 Adjustable Pipe Stand With Saddle Up To 24" High *(23 05 29 00-0001)*

23 05 29 00-0330	EA	Up to 24" High Pipe Stand With Adjustable Saddle For 1-1/4" Pipe	108.75	7.30
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-0331	EA	Up to 24" High Pipe Stand With Adjustable Saddle For 1-1/2" Pipe	111.83	8.03
		For Work In Restricted Working Space, Add	*4.82*	
23 05 29 00-0332	EA	Up to 24" High Adjustable Pipe Stand With Saddle For 2" Pipe	121.98	9.13
		For Work In Restricted Working Space, Add	*5.48*	
23 05 29 00-0333	EA	Up to 24" High Adjustable Pipe Stand With Saddle For 2-1/2" Pipe	159.07	10.22
		For Work In Restricted Working Space, Add	*6.13*	
23 05 29 00-0334	EA	Up to 24" High Adjustable Pipe Stand With Saddle For 3" Pipe	164.52	11.31
		For Work In Restricted Working Space, Add	*6.79*	
23 05 29 00-0335	EA	Up to 24" High Adjustable Pipe Stand With Saddle For 3-1/2" Pipe	179.68	12.77
		For Work In Restricted Working Space, Add	*7.67*	
23 05 29 00-0336	EA	Up to 24" High Adjustable Pipe Stand With Saddle For 4" Pipe	206.98	13.87
		For Work In Restricted Working Space, Add	*8.32*	
23 05 29 00-0337	EA	Up to 24" High Adjustable Pipe Stand With Saddle For 5" Pipe	242.18	14.96
		For Work In Restricted Working Space, Add	*8.98*	
23 05 29 00-0338	EA	Up to 24" High Adjustable Pipe Stand With Saddle For 6" Pipe	247.77	16.42
		For Work In Restricted Working Space, Add	*9.85*	
23 05 29 00-0339	EA	Up to 24" High Adjustable Pipe Stand With Saddle For 8" Pipe	295.46	17.88
		For Work In Restricted Working Space, Add	*10.73*	
23 05 29 00-0340	EA	Up to 24" High Adjustable Pipe Stand With Saddle For 10" Pipe	312.97	19.71
		For Work In Restricted Working Space, Add	*11.83*	
23 05 29 00-0341	EA	Up to 24" High Adjustable Pipe Stand With Saddle For 12" Pipe	322.18	21.90
		For Work In Restricted Working Space, Add	*13.14*	
23 05 29 00-0342	EA	Up to 24" High Adjustable Pipe Stand With Saddle For 14" Pipe	394.52	24.09
		For Work In Restricted Working Space, Add	*14.45*	
23 05 29 00-0343	EA	Up to 24" High Adjustable Pipe Stand With Saddle For 16" Pipe	400.36	27.01
		For Work In Restricted Working Space, Add	*16.21*	
23 05 29 00-0344	EA	Up to 24" High Adjustable Pipe Stand With Saddle For 18" Pipe	540.95	29.93
		For Work In Restricted Working Space, Add	*17.96*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0345	EA	Up to 24" High Adjustable Pipe Stand With Saddle For 20" Pipe	697.23	32.84
		For Work In Restricted Working Space, Add	*19.71*	
23 05 29 00-0346	EA	Up to 24" High Adjustable Pipe Stand With Saddle For 24" Pipe	790.96	32.84
		For Work In Restricted Working Space, Add	*19.71*	

23 05 29 00-0347 Pipe Isolators Wrap At Hanger *(23 05 29 00-0001)*

Note: Superstrut S-176

23 05 29 00-0348	LF	Pipe Isolator Wrap (Cooper B-LINE B-1999)	4.17	

23 05 29 00-0349 Channel Mounted Cushion Clamp *(23 05 29 00-0001)*

Note: Includes fastening into channel.

23 05 29 00-0350	EA	1/2" Channel Mounted Cushion Clamp For 3/8" Pipe	10.06	3.28
23 05 29 00-0351	EA	5/8" Channel Mounted Cushion Clamp For 1/2" Pipe	10.60	3.65
23 05 29 00-0352	EA	7/8" Channel Mounted Cushion Clamp For 3/4" Pipe	11.50	3.83
23 05 29 00-0353	EA	1-1/8" Channel Mounted Cushion Clamp For 1" Pipe	12.45	4.01
23 05 29 00-0354	EA	1-3/8" Channel Mounted Cushion Clamp For 1-1/4" Pipe	14.05	4.38
23 05 29 00-0355	EA	1-5/8" Channel Mounted Cushion Clamp For 1-1/2" Pipe	15.49	4.56
23 05 29 00-0356	EA	2-1/8" Channel Mounted Cushion Clamp For 2" Pipe	20.88	4.75
23 05 29 00-0357	EA	2-5/8" Channel Mounted Cushion Clamp For 2-1/2" Pipe	24.28	5.11
23 05 29 00-0358	EA	3-1/8" Channel Mounted Cushion Clamp For 3" Pipe	31.09	5.84
23 05 29 00-0359	EA	4-1/8" Channel Mounted Cushion Clamp For 4" Pipe	44.60	6.57

23 05 29 00-0360 Galvanized Steel Cushion Tube Clamp *(23 05 29 00-0001)*

Note: Excludes fastening bolt and drilling if necessary.

23 05 29 00-0361	EA	1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/8" Pipe Note: 19/32" Center To Center Length, 9/32" Hole Diameter For Screw	2.64
23 05 29 00-0362	EA	1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/8" Pipe Note: 23/32" Center To Center Length, 13/32" Hole Diameter For Screw	2.71
23 05 29 00-0363	EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1/2" Pipe Note: 23/32" Center To Center Length, 9/32" Hole Diameter For Screw	2.75
23 05 29 00-0364	EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1/2" Pipe Note: 27/32" Center To Center Length, 13/32" Hole Diameter For Screw	2.86
23 05 29 00-0365	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/4" Pipe Note: 27/32" Center To Center Length, 9/32" Hole Diameter For Screw	2.73
23 05 29 00-0366	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/4" Pipe Note: 31/32" Center To Center Length, 13/32" Hole Diameter For Screw	2.92
23 05 29 00-0367	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1" Pipe Note: 31/32" Center To Center Length, 9/32" Hole Diameter For Screw	2.80
23 05 29 00-0368	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1" Pipe Note: 1-1/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.04
23 05 29 00-0369	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1" Pipe Note: 1-5/32" Center To Center Length, 17/32" Hole Diameter For Screw	3.05
23 05 29 00-0370	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/4" Pipe Note: 1-3/32" Center To Center Length, 9/32" Hole Diameter For Screw	2.91
23 05 29 00-0371	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/4" Pipe Note: 1-7/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.02
23 05 29 00-0372	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/4" Pipe Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	3.36
23 05 29 00-0373	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/2" Pipe Note: 1-5/16" Center To Center Length, 9/32" Hole Diameter For Screw	3.03
23 05 29 00-0374	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/2" Pipe Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	3.25
23 05 29 00-0375	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/2" Pipe Note: 1-13/16" Center To Center Length, 17/32" Hole Diameter For Screw	3.60
23 05 29 00-0376	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2" Pipe Note: 1-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	3.64
23 05 29 00-0377	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2" Pipe Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	3.83
23 05 29 00-0378	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2" Pipe Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	4.22
23 05 29 00-0379	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2-1/2" Pipe Note: 1-11/16" Center To Center Length, 9/32" Hole Diameter For Screw	4.34
23 05 29 00-0380	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2-1/2" Pipe Note: 1-13/16" Center To Center Length, 13/32" Hole Diameter For Screw	4.92
23 05 29 00-0381	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2-1/2" Pipe Note: 1-15/16" Center To Center Length, 17/32" Hole Diameter For Screw	4.97
23 05 29 00-0382	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3" Pipe Note: 1-15/16" Center To Center Length, 9/32" Hole Diameter For Screw	4.46
23 05 29 00-0383	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3" Pipe Note: 2-1/16" Center To Center Length, 13/32" Hole Diameter For Screw	4.92
23 05 29 00-0384	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3" Pipe Note: 2-3/16" Center To Center Length, 17/32" Hole Diameter For Screw	5.21
23 05 29 00-0385	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3-1/2" Pipe Note: 2-3/16" Center To Center Length, 9/32" Hole Diameter For Screw	4.61
23 05 29 00-0386	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3-1/2" Pipe Note: 2-5/16" Center To Center Length, 13/32" Hole Diameter For Screw	4.89
23 05 29 00-0387	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3-1/2" Pipe Note: 2-7/16" Center To Center Length, 17/32" Hole Diameter For Screw	5.98
23 05 29 00-0388	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 4" Pipe Note: 2-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	4.58
23 05 29 00-0389	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 4" Pipe Note: 2-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	4.99
23 05 29 00-0390	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 4" Pipe Note: 2-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	6.22

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0391		**Rooftop Pipe Supports** *(23 05 29 00-0001)* Note: Excludes pipe/conduit clamps and straps.		
23 05 29 00-0392		**Rooftop Support Base** *(23 05 29 00-0391)*		
23 05 29 00-0393	EA	4" x 6" x 4.8" Rooftop Support Base (Cooper B-Line Dura-Blok DBM)	23.72	5.95
23 05 29 00-0394	EA	4" x 6" x 9.6" Rooftop Support Base (Cooper B-Line Dura-Blok DBP)	34.09	7.92
23 05 29 00-0395		**Rooftop Support Base With 14 Gauge Galvanized Channel** *(23 05 29 00-0391)*		
23 05 29 00-0396	EA	5" x 6" x 4.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB5)	30.02	5.95
23 05 29 00-0397	EA	5" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10)	43.54	7.92
23 05 29 00-0398	EA	5" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB20)	77.88	9.91
23 05 29 00-0399	EA	5" x 6" x 30.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB30)	103.36	11.89
23 05 29 00-0400	EA	5" x 6" x 41.4" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB40)	121.96	13.88
23 05 29 00-0401	EA	5" x 6" x 52" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB48)	143.40	15.86
23 05 29 00-0402		**Rooftop Support Base With 12 Gauge Galvanized Channel** *(23 05 29 00-0391)*		
23 05 29 00-0403	EA	6-7/16" x 6" x 9.6" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB610)	50.85	7.92
23 05 29 00-0404	EA	6-7/16" x 6" x 20.2" Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB620)	92.40	9.91
23 05 29 00-0405	EA	6-7/16" x 6" x 30.8" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB630)	123.27	11.89
23 05 29 00-0406	EA	6-7/16" x 6" x 41.4" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB640)	189.51	13.88
23 05 29 00-0407	EA	6-7/16" x 6" x 52" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB648)	215.51	11.89
23 05 29 00-0408		**Rooftop Bridge Support Base With 12 Gauge Galvanized Channel** *(23 05 29 00-0391)*		
23 05 29 00-0409	EA	5-5/8" x 6" x 28" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-28)	96.86	11.89
23 05 29 00-0410	EA	5-5/8" x 6" x 36" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-36)	108.75	13.88
23 05 29 00-0411	EA	5-5/8" x 6" x 42" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-42)	114.14	15.86
23 05 29 00-0412	EA	5-5/8" x 6" x 50" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-50)	123.70	17.84
23 05 29 00-0413	EA	5-5/8" x 6" x 60" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-60)	136.08	19.83
23 05 29 00-0414		**Rooftop Pipe Support Base And Rod** *(23 05 29 00-0391)*		
23 05 29 00-0415	EA	9.69" To 11.19" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1/2CT)	56.44	7.92
23 05 29 00-0416	EA	9.84" To 11.34" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-3/4CT)	56.44	7.92
23 05 29 00-0417	EA	9.95" To 11.45" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1CT)	56.84	7.92
23 05 29 00-0418	EA	10.13" To 11.63" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/4CT)	61.12	9.91
23 05 29 00-0419	EA	10.28" To 11.78" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/2CT)	61.22	9.91
23 05 29 00-0420	EA	10.53" To 12.03" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-2CT)	61.73	9.91
23 05 29 00-0421		**Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly** *(23 05 29 00-0391)*		
23 05 29 00-0422	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR2-3 1/2)	90.16	7.92
23 05 29 00-0423	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR4-6)	101.13	7.92
23 05 29 00-0424	EA	8.34" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR8-10)	132.73	9.91
23 05 29 00-0425	EA	9.38" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR12-14)	186.25	9.91
23 05 29 00-0426	EA	9.78" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR16-20)	242.22	9.91
23 05 29 00-0427		**Rooftop Support Base And Adjustable Height Roller Assembly** *(23 05 29 00-0391)* Note: Includes base, two zinc all threaded rod risers and pipe roller.		
23 05 29 00-0428	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Roller Assembly (Cooper B-Line Dura-Blok DBR10-12)	89.04	11.89
23 05 29 00-0429		**Rooftop Support Base And Adjustable Height Channel Assembly** *(23 05 29 00-0391)* Note: Includes base, two zinc all threaded rod and 14 gauge slotted channel.		
23 05 29 00-0430	EA	Up To 8" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-8)	66.30	9.91
23 05 29 00-0431	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-12)	83.86	11.89
23 05 29 00-0432	EA	Up To 16" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-16)	95.34	13.88
23 05 29 00-0433		**Rooftop Support Bases With Channel Support And Risers Assembly** *(23 05 29 00-0391)* Note: Includes two support bases, two 12 gauge galvanized channel risers and one 12 gauge galvanized channel support. Dimensions are "overall" (height x width x length).		
23 05 29 00-0434	EA	23" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2318DS)	273.41	15.86

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0435	EA	29" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2918DS)	276.45	15.86
23 05 29 00-0436	EA	41" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4118DS)	287.52	15.86
23 05 29 00-0437	EA	53" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5318DS)	312.51	15.86
23 05 29 00-0438	EA	23" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2324DS)	275.23	15.86
23 05 29 00-0439	EA	29" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2924DS)	278.48	15.86
23 05 29 00-0440	EA	41" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4124DS)	289.25	15.86
23 05 29 00-0441	EA	53" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5324DS)	314.34	15.86
23 05 29 00-0442	EA	23" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2336DS)	280.41	15.86
23 05 29 00-0443	EA	29" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2936DS)	283.87	15.86
23 05 29 00-0444	EA	41" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4136DS)	294.74	15.86
23 05 29 00-0445	EA	53" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5336DS)	319.72	15.86
23 05 29 00-0446	EA	23" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2348DS)	293.01	15.86
23 05 29 00-0447	EA	29" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2948DS)	296.36	15.86
23 05 29 00-0448	EA	41" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4148DS)	306.92	15.86
23 05 29 00-0449	EA	53" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5348DS)	332.11	15.86

23 05 29 00-0450 Threaded Rod, Accessories And Attachments *(23 05 29)*

23 05 29 00-0451 Threaded Rod And Rod Accessories *(23 05 29 00-0450)*

23 05 29 00-0452 Threaded Rod *(23 05 29 00-0451)*

Note: Fully threaded.

23 05 29 00-0453	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.44	0.50
		For Galvanized, Add	*0.58*	
		For Zinc Plated, Add	*0.41*	
		For Work In Restricted Working Space, Add	*0.30*	
23 05 29 00-0454	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.37	0.53
		For Galvanized, Add	*0.92*	
		For Zinc Plated, Add	*0.66*	
		For Work In Restricted Working Space, Add	*0.32*	
23 05 29 00-0455	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.01	0.71
		For Galvanized, Add	*1.43*	
		For Zinc Plated, Add	*1.02*	
		For Work In Restricted Working Space, Add	*0.43*	
23 05 29 00-0456	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.97	0.73
		For Galvanized, Add	*2.60*	
		For Zinc Plated, Add	*1.85*	
		For Work In Restricted Working Space, Add	*0.44*	
23 05 29 00-0457	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	8.66	0.75
		For Galvanized, Add	*2.86*	
		For Zinc Plated, Add	*2.03*	
		For Work In Restricted Working Space, Add	*0.46*	
23 05 29 00-0458	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	11.75	0.85
		For Galvanized, Add	*4.01*	
		For Zinc Plated, Add	*2.86*	
		For Work In Restricted Working Space, Add	*0.52*	
23 05 29 00-0459	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	14.56	0.96
		For Galvanized, Add	*5.06*	
		For Zinc Plated, Add	*3.61*	
		For Work In Restricted Working Space, Add	*0.57*	

23 05 29 00-0460 Rod Couplings *(23 05 29 00-0451)*

23 05 29 00-0461	EA	3/8" Diameter, Threaded Rod Coupling Nut	5.76	
		For Work In Restricted Working Space, Add	*1.46*	
23 05 29 00-0462	EA	1/2" Diameter, Threaded Rod Coupling Nut	6.52	
		For Work In Restricted Working Space, Add	*1.62*	
23 05 29 00-0463	EA	5/8" Diameter, Threaded Rod Coupling Nut	9.90	
		For Work In Restricted Working Space, Add	*2.38*	
23 05 29 00-0464	EA	3/4" Diameter, Threaded Rod Coupling Nut	11.74	
		For Work In Restricted Working Space, Add	*2.59*	
23 05 29 00-0465	EA	7/8" Diameter, Threaded Rod Coupling Nut	16.17	
		For Work In Restricted Working Space, Add	*2.85*	
23 05 29 00-0466	EA	1" Diameter, Threaded Rod Coupling Nut	19.14	
		For Work In Restricted Working Space, Add	*3.35*	
23 05 29 00-0467	EA	1-1/8" Diameter, Threaded Rod Coupling Nut	33.75	
		For Work In Restricted Working Space, Add	*3.80*	

23 05 29 00-0468 Flat Washers *(23 05 29 00-0451)*

Note: Zinc plated.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0469	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.41	0.16
		For Galvanized, Add	*0.02*	
		For Work In Restricted Working Space, Add	*0.10*	
23 05 29 00-0470	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.54	0.16
		For Galvanized, Add	*0.04*	
		For Work In Restricted Working Space, Add	*0.11*	
23 05 29 00-0471	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.90	0.31
		For Galvanized, Add	*0.08*	
		For Work In Restricted Working Space, Add	*0.17*	
23 05 29 00-0472	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.20	0.31
		For Galvanized, Add	*0.12*	
		For Work In Restricted Working Space, Add	*0.22*	
23 05 29 00-0473	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.42	0.41
		For Galvanized, Add	*0.14*	
		For Work In Restricted Working Space, Add	*0.26*	
23 05 29 00-0474	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.64	0.41
		For Galvanized, Add	*0.17*	
		For Work In Restricted Working Space, Add	*0.29*	
23 05 29 00-0475	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.85	0.51
		For Galvanized, Add	*0.19*	
		For Work In Restricted Working Space, Add	*0.32*	

23 05 29 00-0476 Hex Nuts *(23 05 29 00-0451)*

Note: Grade 2 and zinc plated.

23 05 29 00-0477	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.51	0.20
		For Galvanized, Add	*0.02*	
		For Work In Restricted Working Space, Add	*0.14*	
23 05 29 00-0478	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.78	0.26
		For Galvanized, Add	*0.04*	
		For Work In Restricted Working Space, Add	*0.19*	
23 05 29 00-0479	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.01	0.26
		For Galvanized, Add	*0.08*	
		For Work In Restricted Working Space, Add	*0.20*	
23 05 29 00-0480	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.15	0.51
		For Galvanized, Add	*0.11*	
		For Work In Restricted Working Space, Add	*0.21*	
23 05 29 00-0481	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.58	0.51
		For Galvanized, Add	*0.21*	
		For Work In Restricted Working Space, Add	*0.23*	
23 05 29 00-0482	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.98	0.51
		For Galvanized, Add	*0.28*	
		For Work In Restricted Working Space, Add	*0.26*	
23 05 29 00-0483	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.08	0.51
		For Galvanized, Add	*0.53*	
		For Work In Restricted Working Space, Add	*0.29*	

23 05 29 00-0484 Turnbuckle (Cooper B-Line B3202) *(23 05 29 00-0451)*

Note: Type 13.

23 05 29 00-0485	EA	3/8" Turnbuckle Type-13	20.25	3.97
		For Work In Restricted Working Space, Add	*2.38*	
23 05 29 00-0486	EA	1/2" Turnbuckle Type-13	24.14	4.36
		For Work In Restricted Working Space, Add	*2.64*	
23 05 29 00-0487	EA	5/8" Turnbuckle Type-13	28.94	6.19
		For Work In Restricted Working Space, Add	*3.87*	
23 05 29 00-0488	EA	3/4" Turnbuckle Type-13	36.21	7.23
		For Work In Restricted Working Space, Add	*4.43*	
23 05 29 00-0489	EA	7/8" Turnbuckle Type-13	46.64	7.74
		For Work In Restricted Working Space, Add	*5.17*	
23 05 29 00-0490	EA	1" Turnbuckle Type-13	57.80	8.27
		For Work In Restricted Working Space, Add	*6.20*	
23 05 29 00-0491	EA	1-1/8" Turnbuckle Type-13	79.81	9.29
		For Work In Restricted Working Space, Add	*7.75*	

23 05 29 00-0492 Welded Eye Rod *(23 05 29 00-0451)*

23 05 29 00-0493	EA	3/8" Welded Eye Rod	24.59	5.63
		For Work In Restricted Working Space, Add	*3.40*	
23 05 29 00-0494	EA	1/2" Welded Eye Rod	37.42	8.57
		For Work In Restricted Working Space, Add	*5.17*	
23 05 29 00-0495	EA	5/8" Welded Eye Rod	50.69	10.33
		For Work In Restricted Working Space, Add	*6.20*	
23 05 29 00-0496	EA	3/4" Welded Eye Rod	63.93	12.91
		For Work In Restricted Working Space, Add	*7.75*	
23 05 29 00-0497	EA	7/8" Welded Eye Rod	80.61	17.25
		For Work In Restricted Working Space, Add	*10.33*	
23 05 29 00-0498	EA	1" Welded Eye Rod	110.52	25.83
		For Work In Restricted Working Space, Add	*15.49*	

23 05 29 00-0499 Welded Linked Eye Rod *(23 05 29 00-0451)*

23 05 29 00-0500	EA	3/8" Welded Linked Eye Rod	29.81	5.63
		For Work In Restricted Working Space, Add	*3.40*	
23 05 29 00-0501	EA	1/2" Welded Linked Eye Rod	38.00	8.57
		For Work In Restricted Working Space, Add	*5.17*	
23 05 29 00-0502	EA	5/8" Welded Linked Eye Rod	46.63	10.33
		For Work In Restricted Working Space, Add	*6.20*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0503	EA	3/4" Welded Linked Eye Rod	61.63	12.91
		For Work In Restricted Working Space, Add	*7.75*	
23 05 29 00-0504	EA	7/8" Welded Linked Eye Rod	77.71	17.25
		For Work In Restricted Working Space, Add	*10.33*	
23 05 29 00-0505	EA	1" Welded Linked Eye Rod	109.38	25.83
		For Work In Restricted Working Space, Add	*15.49*	

23 05 29 00-0506 Swivel Turnbuckle (Cooper B-Line B3224) *(23 05 29 00-0451)*

Note: Type 15.

23 05 29 00-0507	EA	3/8" Swivel Turnbuckle Type-15	12.46	3.97
		For Work In Restricted Working Space, Add	*2.38*	
23 05 29 00-0508	EA	1/2" Swivel Turnbuckle Type-15	14.47	4.44
		For Work In Restricted Working Space, Add	*2.64*	
23 05 29 00-0509	EA	5/8" Swivel Turnbuckle Type-15	22.41	6.41
		For Work In Restricted Working Space, Add	*3.87*	
23 05 29 00-0510	EA	3/4" Swivel Turnbuckle Type-15	26.97	7.33
		For Work In Restricted Working Space, Add	*4.43*	

23 05 29 00-0511 Forged Steel Clevis Type 14 *(23 05 29 00-0451)*

23 05 29 00-0512	EA	3-9/16" Forged Steel Clevis With Pin, 3/8" To 5/8" Rod Size, Type 14	69.02	7.30
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-0513	EA	4" Forged Steel Clevis With Pin, 3/4" To 7/8" Rod Size, Type 14	102.59	7.67
		For Work In Restricted Working Space, Add	*4.61*	
23 05 29 00-0514	EA	5-1/16" Forged Steel Clevis With Pin, 1" Rod Size, Type 14	111.01	8.03
		For Work In Restricted Working Space, Add	*4.87*	
23 05 29 00-0515	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/8" Rod Size, Type 14	115.57	8.75
		For Work In Restricted Working Space, Add	*5.15*	
23 05 29 00-0516	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/4" Rod Size, Type 14	121.45	9.85
		For Work In Restricted Working Space, Add	*5.84*	
23 05 29 00-0517	EA	6" Forged Steel Clevis With Pin, 1-1/2" Rod Size, Type 14	203.28	12.77
		For Work In Restricted Working Space, Add	*7.67*	
23 05 29 00-0518	EA	5-1/16" Forged Steel Clevis With Pin, 1-3/4" Rod Size, Type 14	220.44	14.60
		For Work In Restricted Working Space, Add	*8.76*	
23 05 29 00-0519	EA	7" Forged Steel Clevis With Pin, 2" Rod Size, Type 14	259.61	18.25
		For Work In Restricted Working Space, Add	*10.95*	

23 05 29 00-0520 Attachments *(23 05 29 00-0450)*

23 05 29 00-0521 Welded Beam Attachments (B-Line B-3083) *(23 05 29 00-0520)*

Note: Type 22.

23 05 29 00-0522	EA	3/8" Rod Size, Welded Beam Attachment	30.54	7.41
		For Work In Restricted Working Space, Add	*4.44*	
23 05 29 00-0523	EA	1/2" Rod Size, Welded Beam Attachment	37.19	10.09
		For Work In Restricted Working Space, Add	*6.07*	
23 05 29 00-0524	EA	5/8" Rod Size, Welded Beam Attachment	39.55	10.67
		For Work In Restricted Working Space, Add	*6.41*	
23 05 29 00-0525	EA	3/4" Rod Size, Welded Beam Attachment	48.95	11.34
		For Work In Restricted Working Space, Add	*6.78*	
23 05 29 00-0526	EA	7/8" Rod Size, Welded Beam Attachment	57.73	12.01
		For Work In Restricted Working Space, Add	*7.21*	
23 05 29 00-0527	EA	1" Rod Size, Welded Beam Attachment	78.92	13.74
		For Work In Restricted Working Space, Add	*8.24*	
23 05 29 00-0528	EA	1-1/8" Rod Size, Welded Beam Attachment	108.52	14.41
		For Work In Restricted Working Space, Add	*8.65*	

23 05 29 00-0529 C-Clamp Style Beam Clamps (B-Line B-3034) *(23 05 29 00-0520)*

Note: Type 23. Top or bottom flange mount.

23 05 29 00-0530	EA	3/8" Rod Size, C-Clamp Style Beam Clamp	11.83	4.05
		For Work In Restricted Working Space, Add	*2.97*	
23 05 29 00-0531	EA	1/2" Rod Size, C-Clamp Style Beam Clamp	17.10	6.72
		For Work In Restricted Working Space, Add	*4.13*	
23 05 29 00-0532	EA	5/8" Rod Size, C-Clamp Style Beam Clamp	19.08	7.23
		For Work In Restricted Working Space, Add	*4.43*	
23 05 29 00-0533	EA	3/4" Rod Size, C-Clamp Style Beam Clamp	23.40	7.74
		For Work In Restricted Working Space, Add	*4.77*	
23 05 29 00-0534	EA	7/8" Rod Size, C-Clamp Style Beam Clamp	31.82	8.27
		For Work In Restricted Working Space, Add	*5.17*	

23 05 29 00-0535 Bottom Mount I-Beam Clamps (B-Line B-3055) *(23 05 29 00-0520)*

Note: Type 21. For attaching threaded rod centered under beam flanges.

23 05 29 00-0536	EA	3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	30.10	5.55
		For Work In Restricted Working Space, Add	*3.96*	
23 05 29 00-0537	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	47.72	9.29
		For Work In Restricted Working Space, Add	*5.63*	
23 05 29 00-0538	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	65.92	10.33
		For Work In Restricted Working Space, Add	*6.20*	
23 05 29 00-0539	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	78.24	11.36
		For Work In Restricted Working Space, Add	*6.89*	
23 05 29 00-0540	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	178.49	12.39
		For Work In Restricted Working Space, Add	*7.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0541		**Steel U-Bolts (B-Line B-3188)** *(23 05 29 00-0520)* Note: Type 24. Includes plate and nuts.		
23 05 29 00-0542	EA	1/2" Pipe Size, Steel U-Bolt	9.61	1.98
		For Work In Restricted Working Space, Add	*2.38*	
23 05 29 00-0543	EA	3/4" Pipe Size, Steel U-Bolt	10.40	2.38
		For Work In Restricted Working Space, Add	*2.51*	
23 05 29 00-0544	EA	1" Pipe Size, Steel U-Bolt	11.15	2.38
		For Work In Restricted Working Space, Add	*2.64*	
23 05 29 00-0545	EA	1-1/4" Pipe Size, Steel U-Bolt	12.55	2.38
		For Work In Restricted Working Space, Add	*2.80*	
23 05 29 00-0546	EA	1-1/2" Pipe Size, Steel U-Bolt	13.02	2.78
		For Work In Restricted Working Space, Add	*2.97*	
23 05 29 00-0547	EA	2" Pipe Size, Steel U-Bolt	13.93	2.78
		For Work In Restricted Working Space, Add	*3.17*	
23 05 29 00-0548	EA	2-1/2" Pipe Size, Steel U-Bolt	19.37	2.78
		For Work In Restricted Working Space, Add	*3.40*	
23 05 29 00-0549	EA	3" Pipe Size, Steel U-Bolt	21.31	3.17
		For Work In Restricted Working Space, Add	*3.66*	
23 05 29 00-0550	EA	4" Pipe Size, Steel U-Bolt	25.46	3.56
		For Work In Restricted Working Space, Add	*3.96*	
23 05 29 00-0551		**Standoff Brackets With Flange Copper** *(23 05 29 00-0520)* Note: Installed in wood, concrete, concrete block or steel.		
23 05 29 00-0552	EA	Clamp Size 1/2", Standoff Brackets With Flange Copper	34.70	14.77
		For Work In Restricted Working Space, Add	*8.85*	
23 05 29 00-0553	EA	Clamp Size 3/4", Standoff Brackets With Flange Copper	35.02	14.77
		For Work In Restricted Working Space, Add	*8.85*	
23 05 29 00-0554	EA	Clamp Size 1", Standoff Brackets With Flange Copper	35.34	14.77
		For Work In Restricted Working Space, Add	*8.85*	
23 05 29 00-0555	EA	Clamp Size 1 1/4", Standoff Brackets With Flange Copper	37.76	15.70
		For Work In Restricted Working Space, Add	*9.39*	
23 05 29 00-0556	EA	Clamp Size 1 1/2", Standoff Brackets With Flange Copper	38.39	15.70
		For Work In Restricted Working Space, Add	*9.39*	
23 05 29 00-0557		**Malleable Iron Eye Sockets (B-Line B-3222)** *(23 05 29 00-0520)* Note: Type 16.		
23 05 29 00-0558	EA	3/8" Rod Size, Malleable Iron Eye Socket	7.39	1.55
		For Work In Restricted Working Space, Add	*0.94*	
23 05 29 00-0559	EA	1/2" Rod Size, Malleable Iron Eye Socket	9.47	2.06
		For Work In Restricted Working Space, Add	*1.24*	
23 05 29 00-0560	EA	5/8" Rod Size, Malleable Iron Eye Socket	15.14	2.06
		For Work In Restricted Working Space, Add	*1.25*	
23 05 29 00-0561	EA	3/4" Rod Size, Malleable Iron Eye Socket	20.66	2.06
		For Work In Restricted Working Space, Add	*1.24*	
23 05 29 00-0562	EA	7/8" Rod Size, Malleable Iron Eye Socket	22.59	2.58
		For Work In Restricted Working Space, Add	*1.55*	
23 05 29 00-0563		**Steel Weldless Eye Nuts (B-Line B-3200)** *(23 05 29 00-0520)* Note: Type 17.		
23 05 29 00-0564	EA	3/8" Rod Size, Steel Weldless Eye Nut	21.32	1.55
		For Work In Restricted Working Space, Add	*0.94*	
23 05 29 00-0565	EA	1/2" Rod Size, Steel Weldless Eye Nut	22.32	2.06
		For Work In Restricted Working Space, Add	*1.24*	
23 05 29 00-0566	EA	5/8" Rod Size, Steel Weldless Eye Nut	22.36	2.06
		For Work In Restricted Working Space, Add	*1.25*	
23 05 29 00-0567	EA	3/4" Rod Size, Steel Weldless Eye Nut	22.32	2.06
		For Work In Restricted Working Space, Add	*1.24*	
23 05 29 00-0568	EA	7/8" Rod Size, Steel Weldless Eye Nut	42.18	2.27
		For Work In Restricted Working Space, Add	*1.40*	
23 05 29 00-0569	EA	1" Rod Size, Steel Weldless Eye Nut	42.70	2.58
		For Work In Restricted Working Space, Add	*1.55*	
23 05 29 00-0570		**Top Mount I-Beam Clamps (B-Line B-3042)** *(23 05 29 00-0520)* Note: For attaching threaded rod to either side of an I-beam.		
23 05 29 00-0571	EA	3/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	15.13	3.70
		For Work In Restricted Working Space, Add	*2.22*	
23 05 29 00-0572	EA	1/2" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	20.48	5.29
		For Work In Restricted Working Space, Add	*3.18*	
23 05 29 00-0573	EA	5/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	24.36	5.77
		For Work In Restricted Working Space, Add	*3.50*	
23 05 29 00-0574	EA	3/4" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	32.03	6.25
		For Work In Restricted Working Space, Add	*3.68*	
23 05 29 00-0575	EA	7/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	47.46	7.21
		For Work In Restricted Working Space, Add	*4.32*	
23 05 29 00-0576	EA	3/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	15.85	3.70
		For Work In Restricted Working Space, Add	*2.22*	
23 05 29 00-0577	EA	1/2" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	21.49	5.29
		For Work In Restricted Working Space, Add	*3.18*	
23 05 29 00-0578	EA	5/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	24.36	5.77
		For Work In Restricted Working Space, Add	*3.50*	
23 05 29 00-0579	EA	3/4" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	34.69	6.25
		For Work In Restricted Working Space, Add	*3.68*	
23 05 29 00-0580	EA	7/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	52.02	7.21
		For Work In Restricted Working Space, Add	*4.32*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0581	EA	3/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	17.51	3.70
		For Work In Restricted Working Space, Add	*2.22*	
23 05 29 00-0582	EA	1/2" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	23.37	5.29
		For Work In Restricted Working Space, Add	*3.18*	
23 05 29 00-0583	EA	5/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	28.75	5.77
		For Work In Restricted Working Space, Add	*3.50*	
23 05 29 00-0584	EA	3/4" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	39.68	6.25
		For Work In Restricted Working Space, Add	*3.68*	
23 05 29 00-0585	EA	7/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	61.76	7.21
		For Work In Restricted Working Space, Add	*4.32*	

23 05 29 00-0586 Side Beam Brackets (B-Line B-3062) *(23 05 29 00-0520)*

Note: Type 34.

23 05 29 00-0587	EA	3/8" Rod Size, Side Beam Bracket	13.02	5.16
		For Work In Restricted Working Space, Add	*2.97*	
23 05 29 00-0588	EA	1/2" Rod Size, Side Beam Bracket	18.38	6.72
		For Work In Restricted Working Space, Add	*4.13*	
23 05 29 00-0589	EA	5/8" Rod Size, Side Beam Bracket	22.62	7.23
		For Work In Restricted Working Space, Add	*4.43*	
23 05 29 00-0590	EA	3/4" Rod Size, Side Beam Bracket	36.25	7.74
		For Work In Restricted Working Space, Add	*4.77*	
23 05 29 00-0591	EA	7/8" Rod Size, Side Beam Bracket	41.91	8.78
		For Work In Restricted Working Space, Add	*5.17*	

23 05 29 00-0592 Hex Lag Bolts *(23 05 29 00-0520)*

Note: Also known as coach screws.

23 05 29 00-0593	EA	3/8" x 3-1/2" Long, Hex Lag Bolt	2.14	
		For Work In Restricted Working Space, Add	*0.50*	
23 05 29 00-0594	EA	3/8" x 4" Long, Hex Lag Bolt	2.12	
		For Work In Restricted Working Space, Add	*0.51*	
23 05 29 00-0595	EA	3/8" x 6" Long, Hex Lag Bolt	2.37	
		For Work In Restricted Working Space, Add	*0.53*	
23 05 29 00-0596	EA	3/8" x 8" Long, Hex Lag Bolt	2.81	
		For Work In Restricted Working Space, Add	*0.55*	
23 05 29 00-0597	EA	3/8" x 10" Long, Hex Lag Bolt	2.99	
		For Work In Restricted Working Space, Add	*0.57*	
23 05 29 00-0598	EA	3/8" x 12" Long, Hex Lag Bolt	3.95	
		For Work In Restricted Working Space, Add	*0.59*	
23 05 29 00-0599	EA	1/2" x 3-1/2" Long, Hex Lag Bolt	2.92	
		For Work In Restricted Working Space, Add	*0.59*	
23 05 29 00-0600	EA	1/2" x 4" Long, Hex Lag Bolt	2.86	
		For Work In Restricted Working Space, Add	*0.62*	
23 05 29 00-0601	EA	1/2" x 6" Long, Hex Lag Bolt	3.30	
		For Work In Restricted Working Space, Add	*0.65*	
23 05 29 00-0602	EA	1/2" x 8" Long, Hex Lag Bolt	3.80	
		For Work In Restricted Working Space, Add	*0.68*	
23 05 29 00-0603	EA	1/2" x 10" Long, Hex Lag Bolt	4.44	
		For Work In Restricted Working Space, Add	*0.71*	
23 05 29 00-0604	EA	1/2" x 12" Long, Hex Lag Bolt	4.75	
		For Work In Restricted Working Space, Add	*0.74*	
23 05 29 00-0605	EA	5/8" x 4" Long, Hex Lag Bolt	4.05	
		For Work In Restricted Working Space, Add	*0.66*	
23 05 29 00-0606	EA	3/4" x 5" Long, Hex Lag Bolt	4.73	
		For Work In Restricted Working Space, Add	*0.68*	

23 05 29 00-0607 Shields And Saddles *(23 05 29)*

23 05 29 00-0608 Pipe Covering Protection Shield Type 40 *(23 05 29 00-0607)*

Note: Length variable with pipe size.

23 05 29 00-0609	EA	Pipe Cover Shield, <3-1/2" Outside Diameter, 16 Gauge, Shield Type 40	12.42	1.19
		For Work In Restricted Working Space, Add	*0.79*	
23 05 29 00-0610	EA	Pipe Cover Shield, 3-1/2" - 6" Outside Diameter, 16 Gauge, Shield Type 40	14.78	1.27
		For Work In Restricted Working Space, Add	*0.85*	
23 05 29 00-0611	EA	Pipe Cover Shield, 6" - 9" Outside Diameter, 14 Gauge, Shield Type 40	23.73	1.35
		For Work In Restricted Working Space, Add	*0.92*	
23 05 29 00-0612	EA	Pipe Cover Shield, 9" - 11" Outside Diameter, 14 Gauge, Shield Type 40	32.10	2.06
		For Work In Restricted Working Space, Add	*1.29*	
23 05 29 00-0613	EA	Pipe Cover Shield, 11" - 14" Outside Diameter, 14 Gauge, Shield Type 40	61.27	2.27
		For Work In Restricted Working Space, Add	*1.41*	
23 05 29 00-0614	EA	Pipe Cover Shield, 14" - 17" Outside Diameter, 11 Gauge, Shield Type 40	69.95	2.58
		For Work In Restricted Working Space, Add	*1.55*	
23 05 29 00-0615	EA	Pipe Cover Shield, 17" - 20" Outside Diameter, 11 Gauge, Shield Type 40	143.88	2.79
		For Work In Restricted Working Space, Add	*1.72*	
23 05 29 00-0616	EA	Pipe Cover Shield, 20" - 22" Outside Diameter, 7 Gauge, Shield Type 40	159.93	3.10
		For Work In Restricted Working Space, Add	*1.94*	
23 05 29 00-0617	EA	Pipe Cover Shield, 22" - 26" Outside Diameter, 7 Gauge, Shield Type 40	192.76	3.61
		For Work In Restricted Working Space, Add	*2.21*	

23 05 29 00-0618 Pipe Covering Protection Saddle *(23 05 29 00-0607)*

Note: Type 39, sizes are pipe sizes.

23 05 29 00-0619 Saddle Type 39 For 1" Insulation *(23 05 29 00-0618)*

23 05 29 00-0620	EA	3/4" Pipe Saddle, Type 39 (For 1" Insulation)	20.32	3.37
		For Work In Restricted Working Space, Add	*3.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0621	EA	1" Pipe Saddle, Type 39 (For 1" Insulation)	21.23	3.37
		For Work In Restricted Working Space, Add	*4.12*	
23 05 29 00-0622	EA	1-1/4" Pipe Saddle, Type 39 (For 1" Insulation)	22.29	3.84
		For Work In Restricted Working Space, Add	*4.44*	
23 05 29 00-0623	EA	1-1/2" Pipe Saddle, Type 39 (For 1" Insulation)	24.17	4.32
		For Work In Restricted Working Space, Add	*4.81*	
23 05 29 00-0624	EA	2" Pipe Saddle, Type 39 (For 1" Insulation)	25.62	4.32
		For Work In Restricted Working Space, Add	*5.24*	
23 05 29 00-0625	EA	2-1/2" Pipe Saddle, Type 39 (For 1" Insulation)	27.37	4.80
		For Work In Restricted Working Space, Add	*5.77*	
23 05 29 00-0626	EA	3" Pipe Saddle, Type 39 (For 1" Insulation)	33.06	5.29
		For Work In Restricted Working Space, Add	*6.41*	
23 05 29 00-0627	EA	4" Pipe Saddle, Type 39 (For 1" Insulation)	36.57	6.25
		For Work In Restricted Working Space, Add	*7.21*	

23 05 29 00-0628 Saddle, Type 39 For 1-1/2" Insulation *(23 05 29 00-0618)*

23 05 29 00-0629	EA	1-1/2" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	22.18	3.37
		For Work In Restricted Working Space, Add	*3.85*	
23 05 29 00-0630	EA	2" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	22.99	3.37
		For Work In Restricted Working Space, Add	*3.85*	
23 05 29 00-0631	EA	2-1/2" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	26.79	3.84
		For Work In Restricted Working Space, Add	*4.44*	
23 05 29 00-0632	EA	3" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	28.02	4.32
		For Work In Restricted Working Space, Add	*4.81*	
23 05 29 00-0633	EA	4" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	29.67	4.32
		For Work In Restricted Working Space, Add	*5.24*	
23 05 29 00-0634	EA	6" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	36.67	4.80
		For Work In Restricted Working Space, Add	*5.77*	
23 05 29 00-0635	EA	8" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	43.33	5.29
		For Work In Restricted Working Space, Add	*6.41*	
23 05 29 00-0636	EA	10" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	45.99	6.25
		For Work In Restricted Working Space, Add	*7.21*	
23 05 29 00-0637	EA	12" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	59.59	6.72
		For Work In Restricted Working Space, Add	*8.24*	

23 05 29 00-0638 Saddle, Type 39 For 2" Insulation *(23 05 29 00-0618)*

23 05 29 00-0639	EA	2-1/2" Pipe Saddle, Type 39 (For 2" Insulation)	24.32	3.37
		For Work In Restricted Working Space, Add	*3.85*	
23 05 29 00-0640	EA	3" Pipe Saddle, Type 39 (For 2" Insulation)	25.23	3.37
		For Work In Restricted Working Space, Add	*4.12*	
23 05 29 00-0641	EA	4" Pipe Saddle, Type 39 (For 2" Insulation)	28.33	3.84
		For Work In Restricted Working Space, Add	*4.44*	
23 05 29 00-0642	EA	6" Pipe Saddle, Type 39 (For 2" Insulation)	35.42	4.32
		For Work In Restricted Working Space, Add	*4.81*	
23 05 29 00-0643	EA	8" Pipe Saddle, Type 39 (For 2" Insulation)	36.61	4.32
		For Work In Restricted Working Space, Add	*5.24*	
23 05 29 00-0644	EA	10" Pipe Saddle, Type 39 (For 2" Insulation)	43.61	4.80
		For Work In Restricted Working Space, Add	*5.77*	
23 05 29 00-0645	EA	12" Pipe Saddle, Type 39 (For 2" Insulation)	57.49	5.29
		For Work In Restricted Working Space, Add	*6.41*	
23 05 29 00-0646	EA	14" Pipe Saddle, Type 39 (For 2" Insulation)	60.15	6.25
		For Work In Restricted Working Space, Add	*7.21*	
23 05 29 00-0647	EA	16" Pipe Saddle, Type 39 (For 2" Insulation)	66.09	6.72
		For Work In Restricted Working Space, Add	*8.24*	

23 05 29 00-0648 Saddle, Type 39 For 2-1/2" Insulation *(23 05 29 00-0618)*

23 05 29 00-0649	EA	3" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	26.36	3.37
		For Work In Restricted Working Space, Add	*3.85*	
23 05 29 00-0650	EA	4" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	27.27	3.37
		For Work In Restricted Working Space, Add	*4.12*	
23 05 29 00-0651	EA	6" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	34.19	3.84
		For Work In Restricted Working Space, Add	*4.44*	
23 05 29 00-0652	EA	8" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	35.16	4.32
		For Work In Restricted Working Space, Add	*4.81*	
23 05 29 00-0653	EA	10" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	41.86	4.32
		For Work In Restricted Working Space, Add	*5.24*	
23 05 29 00-0654	EA	12" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	55.35	4.80
		For Work In Restricted Working Space, Add	*5.77*	
23 05 29 00-0655	EA	14" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	57.49	5.29
		For Work In Restricted Working Space, Add	*6.41*	
23 05 29 00-0656	EA	16" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	62.65	6.25
		For Work In Restricted Working Space, Add	*7.21*	
23 05 29 00-0657	EA	18" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	66.09	6.72
		For Work In Restricted Working Space, Add	*8.24*	

23 05 29 00-0658 Adjustable Pipe Saddle Support (Cooper B-Line B3096) *(23 05 29 00-0607)*

Note: Type 38.

23 05 29 00-0659	EA	2-1/2" Adjustable Pipe Saddle Support, Type 38	76.10	12.91
23 05 29 00-0660	EA	3" Adjustable Pipe Saddle Support, Type 38	80.96	14.97
23 05 29 00-0661	EA	4" Adjustable Pipe Saddle Support, Type 38	98.17	17.05
23 05 29 00-0662	EA	5" Adjustable Pipe Saddle Support, Type 38	102.55	18.59
23 05 29 00-0663	EA	6" Adjustable Pipe Saddle Support, Type 38	113.80	20.66
23 05 29 00-0664	EA	8" Adjustable Pipe Saddle Support, Type 38	130.07	25.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0665	EA	10" Adjustable Pipe Saddle Support, Type 38	170.29	34.59
23 05 29 00-0666	EA	12" Adjustable Pipe Saddle Support, Type 38	213.12	51.64
23 05 29 00-0667		**Pipe Stanchion Support Type 37** *(23 05 29 00-0607)*		
23 05 29 00-0668	EA	2-1/2" Pipe Support With U-Bolt, Type 37	93.28	12.91
23 05 29 00-0669	EA	3" Pipe Support With U-Bolt, Type 37	96.96	14.97
23 05 29 00-0670	EA	3-1/2" Pipe Support With U-Bolt, Type 37	103.95	16.01
23 05 29 00-0671	EA	4" Pipe Support With U-Bolt, Type 37	106.35	17.05
23 05 29 00-0672	EA	5" Pipe Support With U-Bolt, Type 37	111.97	18.59
23 05 29 00-0673	EA	6" Pipe Support With U-Bolt, Type 37	118.98	20.66
23 05 29 00-0674	EA	8" Pipe Support With U-Bolt, Type 37	150.97	25.83
23 05 29 00-0675	EA	10" Pipe Support With U-Bolt, Type 37	203.56	34.59
23 05 29 00-0676	EA	12" Pipe Support With U-Bolt, Type 37	268.18	51.64
23 05 29 00-0677		**Pipe Saddle Support (Cooper B-Line B3095)** *(23 05 29 00-0607)* Note: Type 36.		
23 05 29 00-0678	EA	2-1/2" Pipe Saddle Support, Type 36	49.73	12.91
23 05 29 00-0679	EA	3" Pipe Saddle Support, Type 36	53.41	14.97
23 05 29 00-0680	EA	3-1/2" Pipe Saddle Support, Type 36	78.70	16.01
23 05 29 00-0681	EA	4" Pipe Saddle Support, Type 36	81.10	17.05
23 05 29 00-0682	EA	5" Pipe Saddle Support, Type 36	89.07	18.59
23 05 29 00-0683	EA	6" Pipe Saddle Support, Type 36	98.75	20.66
23 05 29 00-0684	EA	8" Pipe Saddle Support, Type 36	113.90	25.83
23 05 29 00-0685	EA	10" Pipe Saddle Support, Type 36	134.15	34.59
23 05 29 00-0686	EA	12" Pipe Saddle Support, Type 36	171.85	51.64
23 05 29 00-0687		**360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0607)* Note: Insert is for use as isolated protective insulation at hangers.		
23 05 29 00-0688		**1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0687)*		
23 05 29 00-0689	EA	1/2" Diameter Pipe, 1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	7.71	3.37
23 05 29 00-0690	EA	3/4" Diameter Pipe, 1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	7.83	3.37
23 05 29 00-0691	EA	1" Diameter Pipe, 1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	8.30	3.55
23 05 29 00-0692	EA	1" Diameter Pipe, 1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	8.54	3.65
23 05 29 00-0693	EA	1-1/2" Diameter Pipe, 1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	8.79	3.65
23 05 29 00-0694	EA	2 " Diameter Pipe, 1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	9.31	3.83
23 05 29 00-0695	EA	2-1/2" Diameter Pipe, 1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	9.65	3.93
23 05 29 00-0696	EA	3" Diameter Pipe, 1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	10.11	4.11
23 05 29 00-0697	EA	4" Diameter Pipe, 1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	11.33	4.40
23 05 29 00-0698	EA	6" Diameter Pipe, 1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.33	5.14
23 05 29 00-0699		**1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0687)*		
23 05 29 00-0700	EA	1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.24	6.08
23 05 29 00-0701	EA	3/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.41	6.08
23 05 29 00-0702	EA	1" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.46	6.08
23 05 29 00-0703	EA	1-1/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.63	6.08
23 05 29 00-0704	EA	1-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.59	6.46
23 05 29 00-0705	EA	2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.19	6.64
23 05 29 00-0706	EA	2-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.90	6.92
23 05 29 00-0707	EA	3" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.66	7.20
23 05 29 00-0708	EA	4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.91	7.48
23 05 29 00-0709	EA	6" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.08	6.46
23 05 29 00-0710	EA	8" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.95	8.42
23 05 29 00-0711	EA	10" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	31.82	9.92
23 05 29 00-0712	EA	12" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	36.41	11.51
23 05 29 00-0713	EA	14" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	40.35	11.88
23 05 29 00-0714		**1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0687)*		
23 05 29 00-0715	EA	1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	11.02	4.59
23 05 29 00-0716	EA	3/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	11.89	4.59
23 05 29 00-0717	EA	1" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	12.13	4.68
23 05 29 00-0718	EA	1-1/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	12.49	4.77
23 05 29 00-0719	EA	1-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	12.84	4.77
23 05 29 00-0720	EA	2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.43	4.96
23 05 29 00-0721	EA	2-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.15	5.14
23 05 29 00-0722	EA	3" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.54	5.24
23 05 29 00-0723	EA	4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.93	5.70
23 05 29 00-0724	EA	6" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.57	9.82
23 05 29 00-0725	EA	8" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.29	7.39
23 05 29 00-0726	EA	10" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.65	8.70
23 05 29 00-0727	EA	12" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	29.23	10.01
23 05 29 00-0728	EA	14" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	34.62	12.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0729		**2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0687)*		
23 05 29 00-0730	EA	1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.64	5.24
23 05 29 00-0731	EA	3/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.78	5.24
23 05 29 00-0732	EA	1" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.21	5.33
23 05 29 00-0733	EA	1-1/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.59	5.42
23 05 29 00-0734	EA	1-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.99	5.52
23 05 29 00-0735	EA	2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.61	5.70
23 05 29 00-0736	EA	2-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.43	5.89
23 05 29 00-0737	EA	3" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.21	6.08
23 05 29 00-0738	EA	4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.88	6.46
23 05 29 00-0739	EA	6" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.71	7.29
23 05 29 00-0740	EA	8" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	36.00	12.44
23 05 29 00-0741	EA	10" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	39.83	14.40
23 05 29 00-0742	EA	12" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	46.20	17.02
23 05 29 00-0743	EA	14" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	51.82	19.08
23 05 29 00-0744	EA	16" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	57.99	21.52
23 05 29 00-0745	EA	18" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	66.82	25.26
23 05 29 00-0746	EA	20" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	74.21	28.06
23 05 29 00-0747	EA	24" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	83.90	31.81
23 05 29 00-0748		**2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0687)*		
23 05 29 00-0749	EA	1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.79	6.08
23 05 29 00-0750	EA	3/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.95	6.08
23 05 29 00-0751	EA	1" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.49	6.18
23 05 29 00-0752	EA	1-1/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.86	6.27
23 05 29 00-0753	EA	1-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.26	6.27
23 05 29 00-0754	EA	2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.02	6.55
23 05 29 00-0755	EA	2-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.95	6.74
23 05 29 00-0756	EA	3" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.84	7.01
23 05 29 00-0757	EA	4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.73	7.39
23 05 29 00-0758	EA	6" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.99	8.42
23 05 29 00-0759	EA	8" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	33.04	9.35
23 05 29 00-0760	EA	10" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	39.12	10.75
23 05 29 00-0761	EA	12" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	45.50	13.38
23 05 29 00-0762	EA	14" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	50.96	14.69
23 05 29 00-0763	EA	16" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	61.32	18.71
23 05 29 00-0764	EA	18" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	65.51	19.65
23 05 29 00-0765	EA	20" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	74.50	22.45
23 05 29 00-0766	EA	24" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	88.27	27.13
23 05 29 00-0767		**3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0687)*		
23 05 29 00-0768	EA	1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	28.59	6.27
23 05 29 00-0769	EA	3/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	33.82	6.55
23 05 29 00-0770	EA	1" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	34.97	6.55
23 05 29 00-0771	EA	1-1/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	35.77	6.74
23 05 29 00-0772	EA	1-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	36.68	6.92
23 05 29 00-0773	EA	2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	37.70	7.01
23 05 29 00-0774	EA	2-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	39.61	7.20
23 05 29 00-0775	EA	3" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	41.31	7.67
23 05 29 00-0776	EA	4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	45.30	7.95
23 05 29 00-0777	EA	6" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	51.79	9.73
23 05 29 00-0778	EA	8" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	65.72	10.66
23 05 29 00-0779	EA	10" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	77.93	11.23
23 05 29 00-0780	EA	12" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	90.09	14.49
23 05 29 00-0781	EA	14" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	101.12	15.43
23 05 29 00-0782	EA	16" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	122.31	20.58
23 05 29 00-0783	EA	18" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	131.62	22.45
23 05 29 00-0784	EA	20" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	148.93	24.32
23 05 29 00-0785	EA	24" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	175.07	29.94
23 05 29 00-0786		**3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0687)*		
23 05 29 00-0787	EA	1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.79	6.08
23 05 29 00-0788	EA	3/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.30	7.39
23 05 29 00-0789	EA	1" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.01	7.39
23 05 29 00-0790	EA	1-1/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.44	7.48
23 05 29 00-0791	EA	1-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.99	7.57
23 05 29 00-0792	EA	2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.78	7.86
23 05 29 00-0793	EA	2-1/2" Diameter Pipe, 3-1/2" 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.93	8.14
23 05 29 00-0794	EA	3" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.93	8.42
23 05 29 00-0795	EA	4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	27.29	8.88
23 05 29 00-0796	EA	6" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	31.19	10.10
23 05 29 00-0797	EA	8" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	39.62	11.23
23 05 29 00-0798	EA	10" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	46.94	12.91
23 05 29 00-0799	EA	12" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	54.59	16.08
23 05 29 00-0800	EA	14" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	61.17	17.58
23 05 29 00-0801	EA	16" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	73.60	22.45

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0802	EA	18" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	78.63	23.57
23 05 29 00-0803	EA	20" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	89.44	26.94
23 05 29 00-0804	EA	24" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	105.93	32.55
23 05 29 00-0805		4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-0687)*		
23 05 29 00-0806	EA	1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.63	8.23
23 05 29 00-0807	EA	3/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.85	8.23
23 05 29 00-0808	EA	1" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.60	8.33
23 05 29 00-0809	EA	1-1/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.17	8.42
23 05 29 00-0810	EA	1-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.57	8.42
23 05 29 00-0811	EA	2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.98	8.98
23 05 29 00-0812	EA	2-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.90	9.07
23 05 29 00-0813	EA	3" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	28.13	9.45
23 05 29 00-0814	EA	4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	30.69	10.01
23 05 29 00-0815	EA	6" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	35.07	11.32
23 05 29 00-0816	EA	8" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	43.87	12.25
23 05 29 00-0817	EA	10" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	52.82	14.60
23 05 29 00-0818	EA	12" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	61.42	18.15
23 05 29 00-0819	EA	14" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	68.84	19.74
23 05 29 00-0820	EA	16" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	82.84	25.26
23 05 29 00-0821	EA	18" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	88.40	26.48
23 05 29 00-0822	EA	20" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	99.68	30.31
23 05 29 00-0823	EA	24" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	119.20	36.67
23 05 29 00-0824	EA	26" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	136.84	43.12
23 05 29 00-0825	EA	28" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	156.90	50.89
23 05 29 00-0826	EA	30" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	179.15	60.14
23 05 29 00-0827	EA	42" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	260.78	92.88
23 05 29 00-0828	EA	44" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	282.27	102.24
23 05 29 00-0829	EA	46" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	301.70	110.38
23 05 29 00-0830		Equipment Housekeeping Pads *(23 05 29)*		
		See CSI section 03 31 13 00-0002 for Concrete Equipment Pads.		
23 05 29 00-0831		Molded Plastic Condenser Pad *(23 05 29 00-0830)*		
23 05 29 00-0832	EA	30" Round Molded Plastic Pad	50.40	9.91
23 05 29 00-0833	EA	30" Octagon Molded Plastic Pad	52.41	9.91
23 05 29 00-0834	EA	30" x 30" Molded Plastic Pad	50.40	9.91
23 05 29 00-0835	EA	36" x 36" Molded Plastic Pad	62.45	9.91
23 05 29 00-0836	EA	36" x 48" Molded Plastic Pad	85.00	9.91
23 05 29 00-0837		Inertia Base *(23 05 29 00-0830)*		
		Note: Includes spring isolators.		
23 05 29 00-0838	EA	Up To 12 SF Inertia Base, 8" Thick With Spring Base	645.50	
23 05 29 00-0839	EA	>12 To 16 SF Inertia Base, 8" Thick With Spring Base	777.26	
23 05 29 00-0840	EA	>16 To 20 SF Inertia Base, 8" Thick With Spring Base	890.10	
23 05 29 00-0841	EA	>20 To 24 SF Inertia Base, 8" Thick With Spring Base	1,015.56	
23 05 29 00-0842		Hanger Assemblies *(23 05 29)*		
		Note: Includes hanger, rod, nuts, washers, clamps, upper attachment, etc. Not for use where detail is available.		
23 05 29 00-0843	EA	1/2" Standard Duty Clevis Pipe Hanger Assembly	34.43	12.33
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*7.94*	
23 05 29 00-0844	EA	3/4" Standard Duty Clevis Pipe Hanger Assembly	35.96	13.06
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*8.37*	
23 05 29 00-0845	EA	1" Standard Duty Clevis Pipe Hanger Assembly	37.19	13.86
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*8.72*	
23 05 29 00-0846	EA	1-1/4" Standard Duty Clevis Pipe Hanger Assembly	37.85	13.88
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*8.86*	
23 05 29 00-0847	EA	1-1/2" Standard Duty Clevis Pipe Hanger Assembly	38.05	13.88
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*8.86*	
23 05 29 00-0848	EA	2" Standard Duty Clevis Pipe Hanger Assembly	38.77	13.99
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*8.99*	
23 05 29 00-0849	EA	2-1/2" Standard Duty Clevis Pipe Hanger Assembly	45.18	14.97
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*9.15*	
23 05 29 00-0850	EA	3" Standard Duty Clevis Pipe Hanger Assembly	46.65	15.40
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*9.29*	
23 05 29 00-0851	EA	4" Standard Duty Clevis Pipe Hanger Assembly	56.34	17.39
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*10.26*	
23 05 29 00-0852	EA	6" Standard Duty Clevis Pipe Hanger Assembly	83.62	22.46
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*13.48*	
23 05 29 00-0853	EA	8" Standard Duty Clevis Pipe Hanger Assembly	97.29	26.06
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*15.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0854	EA	10" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	133.29	33.11
		For Work In Restricted Working Space, Add	*19.61*	
23 05 29 00-0855	EA	12" Clevis Hanger Assembly For Uninsulated Pipe Note: Includes hanger, rod, nuts, washers and clamp.	146.84	35.63
		For Work In Restricted Working Space, Add	*21.41*	

23 05 29 00-0856 Steel Shapes For Hanger Devices *(23 05 29)*

23 05 29 00-0857 Angle Iron *(23 05 29 00-0856)*

23 05 29 00-0858	LF	1/2" x 1/2" x 1/8" Angle Iron	2.35	1.50
23 05 29 00-0859	LF	3/4" x 3/4" x 1/8" Angle Iron	3.08	1.87
23 05 29 00-0860	LF	1" x 1" x 1/8" Angle Iron	3.77	2.24
23 05 29 00-0861	LF	1-1/4" x 1-1/4" x 3/16" Angle Iron	5.14	2.80
23 05 29 00-0862	LF	1-1/2" x 1-1/2" x 3/16" Angle Iron	5.71	3.00
23 05 29 00-0863	LF	2" x 2" x 1/4" Angle Iron	7.56	3.36
23 05 29 00-0864	LF	2-1/2" x 2-1/2" x 1/4" Angle Iron	9.38	4.09
23 05 29 00-0865	LF	3" x 2" x 3/8" Angle Iron	14.20	6.42
23 05 29 00-0866	LF	3" x 3" x 3/8" Angle Iron	16.88	7.51

23 05 29 00-0867 Channels *(23 05 29 00-0856)*

23 05 29 00-0868	LF	C2 X 1.78 - 2" Wide (Channels)	10.20	6.72
23 05 29 00-0869	LF	C3 X 4.1 - 3" Wide (Channels)	14.55	9.85
23 05 29 00-0870	LF	C4 X 5.4 - 4" Wide (Channels)	17.61	12.09
23 05 29 00-0871	LF	C5 X 6.7 - 5" Wide (Channels)	20.70	13.88
23 05 29 00-0872	LF	C6 X 8.2 - 6" Wide (Channels)	22.43	14.77
23 05 29 00-0873	LF	C7 X 9.8 - 7" Wide (Channels)	29.94	20.15
23 05 29 00-0874	LF	C8 X 11.5 - 8" Wide (Channels)	33.14	21.95

23 05 29 00-0875 Structural Bar Tees *(23 05 29 00-0856)*

23 05 29 00-0876	LF	3/4" x 3/4" x 1/8" Structural Bar Tee	7.33	4.92
23 05 29 00-0877	LF	1" x 1" x 1/8" Structural Bar Tee	8.82	5.83
23 05 29 00-0878	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee	12.24	6.72
23 05 29 00-0879	LF	2" x 2" x 1/4" Structural Bar Tee	15.78	8.96
23 05 29 00-0880	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee	21.31	10.75
23 05 29 00-0881	LF	3" x 3" x 3/8" Structural Bar Tee	26.78	13.88

23 05 29 00-0882 Structural Zees *(23 05 29 00-0856)*

23 05 29 00-0883	LF	1-1/4" x 1-3/4" x 1-3/4" Structural Zee	12.26	6.72
23 05 29 00-0884	LF	2-11/16" x 3" x 2-11/16" Structural Zee	14.41	6.72
23 05 29 00-0885	LF	3-1/16" x 4" x 3-1/16" Structural Zee	20.90	6.72
23 05 29 00-0886	LF	3-1/4" x 5" x 3-1/4" Structural Zee	26.16	6.72
23 05 29 00-0887	LF	3-1/2" x 6" x 3-1/2" Structural Zee	31.53	6.72

23 05 29 00-0888 Junior I-beams *(23 05 29 00-0856)*

23 05 29 00-0889	LF	3" I-beam (Junior)	15.56	9.85
23 05 29 00-0890	LF	4" I-beam (Junior)	17.77	10.75
23 05 29 00-0891	LF	5" I-beam (Junior)	20.36	11.64
23 05 29 00-0892	LF	6" I-beam (Junior)	22.24	12.99
23 05 29 00-0893	LF	7" I-beam (Junior)	26.09	13.88
23 05 29 00-0894	LF	8" I-beam (Junior)	28.22	14.77

23 05 33 Heat Tracing For HVAC Piping *(23 05)*

See CSI section 23 83 13 00-0000 for heat tracing cables.

23 05 48 Vibration And Seismic Controls For HVAC *(23 05)*

23 05 48 00-0001 Unhoused Stable Steel Spring Isolators *(23 05 48)*

Note: Includes leveling adjustment, cast top, base plate and pad. For use with floor mounted equipment only.

23 05 48 00-0002	EA	60 LB Unhoused Steel Spring Isolator	82.43	22.20
23 05 48 00-0003	EA	115 LB Unhoused Steel Spring Isolator	88.57	22.20
23 05 48 00-0004	EA	1130 LB Unhoused Steel Spring Isolator	108.95	22.20

23 05 48 00-0005 Vibration Isolators *(23 05 48)*

23 05 48 00-0006 Spring And Rubber Hanger For 1" Deflection *(23 05 48 00-0005)*

23 05 48 00-0007	EA	50-500 LB Rated Spring And Rubber Hanger For Vibration Isolation With 3/4" Max Rod Size	127.38	18.59
23 05 48 00-0008	EA	600-1000 LB Rated Spring And Rubber Hanger For Vibration Isolation With 7/8" Max Rod Size	268.73	20.66

23 05 48 00-0009 Rubber-In-Shear Isolator Hanger *(23 05 48 00-0005)*

23 05 48 00-0010	EA	45-340 LB Rubber In Shear Hanger 0.38" Deflection With <1/2" Rod Size	70.56	15.49
23 05 48 00-0011	EA	130-700 LB Rubber In Shear Hanger 0.43" Deflection With <3/4" Rod Size	91.53	18.59

23 05 48 00-0012 Spring Hanger For 1" Deflection *(23 05 48 00-0005)*

23 05 48 00-0013	EA	50 To 1000 LB Rubber In Shear Hanger For 1" Deflection With <3/4" Rod Size	80.00	18.59

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 00-0014		Rubber-In-Shear Vibration Isolator *(23 05 48 00-0005)*		
23 05 48 00-0015	EA	45-340 LB Rubber In Shear Vibration Isolation With 0.38" Deflection	147.19	35.12
23 05 48 00-0016	EA	130-700 LB Rubber In Shear Vibration Isolation With 0.43" Deflection	201.57	35.12
23 05 48 00-0017	EA	550-1920 LB Rubber In Shear Vibration Isolation With 0.48" Deflection	388.21	35.12
23 05 48 00-0018		Two-Piece Spring Type Vibration Isolator *(23 05 48 00-0005)*		
		Note: For equipment support aluminum construction 1/2" adjusting and leveling bolt 1" deflection.		
23 05 48 00-0019	EA	50-1000 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator	124.27	35.12
23 05 48 00-0020	EA	1100-1600 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator	128.32	35.12
23 05 48 00-0021		Open Double Spring Type Vibration Isolator *(23 05 48 00-0005)*		
		Note: For equipment support 1" deflection neoprene pad and 5/8" stud bolt.		
23 05 48 00-0022	EA	150-450 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	97.13	17.56
23 05 48 00-0023	EA	500-1000 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	97.13	17.56
23 05 48 00-0024	EA	1100-1600 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	110.65	17.56
23 05 48 00-0025	EA	1700-2400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	110.65	17.56
23 05 48 00-0026	EA	2500-3400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	171.75	17.56
23 05 48 00-0027		Isolation Pads *(23 05 48 00-0005)*		
23 05 48 00-0028		Laminated Neoprene And Cork Isolation Pad *(23 05 48 00-0027)*		
23 05 48 00-0029	EA	2" x 2", 1" Thick Laminated Neoprene And Cork Isolation Pad	6.37	2.58
23 05 48 00-0030	EA	3" x 3", 1" Thick Laminated Neoprene And Cork Isolation Pad	8.27	2.69
23 05 48 00-0031	EA	4" x 4", 1" Thick Laminated Neoprene And Cork Isolation Pad	10.44	2.79
23 05 48 00-0032	EA	12" x 12", 1" Thick Laminated Neoprene And Cork Isolation Pad	42.76	3.20
23 05 48 00-0033	EA	18" x 18", 1" Thick Laminated Neoprene And Cork Isolation Pad	82.29	3.61
23 05 48 00-0034		Neoprene And Steel Plate Isolation Pad *(23 05 48 00-0027)*		
23 05 48 00-0035	EA	6" x 4", 5/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	32.28	2.58
23 05 48 00-0036	EA	6" x 4", 7/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	35.25	2.58
23 05 48 00-0037		Neoprene Isolation Pad *(23 05 48 00-0027)*		
23 05 48 00-0038	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad	5.91	2.58
23 05 48 00-0039	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad	6.78	2.58
23 05 48 00-0040	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad	8.17	2.58
23 05 48 00-0041	EA	12" x 12", 3/8" Thick Ribbed Neoprene Isolation Pad	42.06	3.10
23 05 48 00-0042	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad	77.29	3.61
23 05 48 00-0043		Threaded Flexible Bronze Hose Connectors *(23 05 48)*		
		Note: Includes hex threaded nipple ends.		
23 05 48 00-0044	EA	3/8" Diameter x 9" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	68.22	16.52
23 05 48 00-0045	EA	1/2" Diameter x 10" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	79.80	22.72
23 05 48 00-0046	EA	3/4" Diameter x 11" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	97.99	27.89
23 05 48 00-0047	EA	1" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	113.99	33.05
23 05 48 00-0048	EA	1-1/4" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	130.67	43.37
23 05 48 00-0049	EA	1-1/2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	147.14	46.17
23 05 48 00-0050	EA	2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	197.13	54.74
23 05 48 00-0051	EA	2-1/2" Diameter x 16" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	272.35	85.31
23 05 48 00-0052		Flanged Flexible Hose Connectors *(23 05 48)*		
23 05 48 00-0053		Flanged Flexible Molded Rubber Hose Connectors *(23 05 48 00-0052)*		
		Note: With helical wire reinforcement 150 PSI.		
23 05 48 00-0054	EA	1-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	206.90	77.47
23 05 48 00-0055	EA	2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	223.80	86.03
23 05 48 00-0056	EA	3" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	502.29	255.62
23 05 48 00-0057	EA	4" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	654.64	329.99
23 05 48 00-0058	EA	6" Diameter x 18" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	811.80	326.12
23 05 48 00-0059	EA	8" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	989.28	372.47
23 05 48 00-0060	EA	10" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,285.24	443.26
23 05 48 00-0061	EA	12" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	3,064.73	554.40
23 05 48 00-0062		Flanged Flexible Corrugated Stainless Steel Hose Connectors *(23 05 48 00-0052)*		
		Note: With braided metal wire.		
23 05 48 00-0063	EA	1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	160.78	70.44
23 05 48 00-0064	EA	1" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	155.29	96.87
23 05 48 00-0065	EA	1-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	300.11	129.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 00-0066	EA	2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	388.68	193.65
23 05 48 00-0067	EA	2-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	417.86	213.07
23 05 48 00-0068	EA	3" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	485.26	258.00
23 05 48 00-0069	EA	4" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	621.31	330.30
23 05 48 00-0070	EA	6" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,148.91	456.57
23 05 48 00-0071	EA	8" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,369.95	521.78
23 05 48 00-0072	EA	10" Diameter x 13" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,613.51	603.36
23 05 48 00-0073	EA	12" Diameter x 14" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	2,088.87	652.24
23 05 48 00-0074		Flanged Flexible Molded Teflon Hose Connectors *(23 05 48 00-0052)*		
		Note: 150 PSI.		
23 05 48 00-0075	EA	2-1/2" Diameter x 3-3/16" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,004.23	213.07
23 05 48 00-0076	EA	3" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,141.96	257.69
23 05 48 00-0077	EA	4" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,613.56	330.30
23 05 48 00-0078	EA	6" Diameter x 4" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,850.70	326.12
23 05 48 00-0079	EA	8" Diameter x 6" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	2,438.72	372.47
23 05 48 00-0080		Flexible Hose Connectors Braided Metal Hose Type, Bronze *(23 05 48)*		
23 05 48 00-0081		Braided Metal Hose Type Flexible Bronze Hose Connectors *(23 05 48 00-0080)*		
		Note: MPT connection.		
23 05 48 00-0082	EA	1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	34.94	1.58
23 05 48 00-0083	EA	1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	41.99	1.58
23 05 48 00-0084	EA	1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	46.47	2.06
23 05 48 00-0085	EA	1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	56.86	2.06
23 05 48 00-0086	EA	3/4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	46.93	1.90
23 05 48 00-0087	EA	3/4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	57.00	1.90
23 05 48 00-0088	EA	3/4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	64.96	2.46
23 05 48 00-0089	EA	3/4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	80.63	2.46
23 05 48 00-0090	EA	1" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	64.28	2.22
23 05 48 00-0091	EA	1" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	70.46	2.22
23 05 48 00-0092	EA	1" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	83.48	2.93
23 05 48 00-0093	EA	1" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	106.41	2.93
23 05 48 00-0094	EA	1" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	129.16	2.93
23 05 48 00-0095	EA	1" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	151.99	2.93
23 05 48 00-0096	EA	1-1/4" Or 1-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	91.82	2.85
23 05 48 00-0097	EA	1-1/4" Or 1-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	101.44	2.85
23 05 48 00-0098	EA	1-1/4" Or 1-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	130.77	2.85
23 05 48 00-0099	EA	1-1/4" Or 1-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	181.95	3.80
23 05 48 00-0100	EA	1-1/4" Or 1-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	211.50	3.80
23 05 48 00-0101	EA	1-1/4" Or 1-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	250.83	3.80
23 05 48 00-0102	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	126.05	3.44
23 05 48 00-0103	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	146.16	3.44
23 05 48 00-0104	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	185.11	3.44
23 05 48 00-0105	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	246.89	4.59
23 05 48 00-0106	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	306.25	4.59
23 05 48 00-0107	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	365.55	4.59
23 05 48 00-0108	EA	2-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	175.56	4.30
23 05 48 00-0109	EA	2-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	200.33	4.09
23 05 48 00-0110	EA	2-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	225.35	4.09
23 05 48 00-0111	EA	2-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	277.58	5.47
23 05 48 00-0112	EA	2-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	327.89	5.47
23 05 48 00-0113	EA	2-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	376.63	5.47
23 05 48 00-0114	EA	3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	277.61	5.47
23 05 48 00-0115	EA	3" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	311.02	5.47
23 05 48 00-0116	EA	3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	230.58	5.47
23 05 48 00-0117	EA	3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	278.63	7.30
23 05 48 00-0118	EA	3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	482.55	7.30
23 05 48 00-0119	EA	3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	548.31	7.30
23 05 48 00-0120	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	510.80	6.41
23 05 48 00-0121	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	549.84	6.41
23 05 48 00-0122	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	588.89	6.41
23 05 48 00-0123	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	672.36	8.54
23 05 48 00-0124	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	750.16	8.54
23 05 48 00-0125	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	829.62	8.54
23 05 48 00-0126		Braided Stainless Steel Flexible Hose Connectors *(23 05 48 00-0080)*		
		Note: Over braided carbon steel connection.		
23 05 48 00-0127	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	152.98	4.52
23 05 48 00-0128	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	184.93	4.52
23 05 48 00-0129	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	216.27	4.52
23 05 48 00-0130	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	283.07	6.05
23 05 48 00-0131	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	346.61	6.05
23 05 48 00-0132	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	410.08	6.05

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 00-0133	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	170.68	4.09
23 05 48 00-0134	EA	2-1/2" Or 3" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	204.07	4.09
23 05 48 00-0135	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	237.61	4.09
23 05 48 00-0136	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	307.71	5.47
23 05 48 00-0137	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	374.51	5.47
23 05 48 00-0138	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	440.40	5.47
23 05 48 00-0139	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	180.25	5.47
23 05 48 00-0140	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	218.50	5.62
23 05 48 00-0141	FT	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	257.30	5.47
23 05 48 00-0142	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	340.71	7.30
23 05 48 00-0143	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	417.89	7.30
23 05 48 00-0144	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	497.25	7.30
23 05 48 00-0145	EA	6" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	370.79	13.84
23 05 48 00-0146	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	547.69	13.93
23 05 48 00-0147	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	734.54	18.36
23 05 48 00-0148	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	911.51	18.36
23 05 48 00-0149	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,088.44	18.36
23 05 48 00-0150	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	641.46	15.85
23 05 48 00-0151	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	775.30	15.85
23 05 48 00-0152	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,051.30	20.62
23 05 48 00-0153	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,316.81	20.62
23 05 48 00-0154	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,582.24	20.62
23 05 48 00-0155	EA	10" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	686.52	19.82
23 05 48 00-0156	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,021.13	19.82
23 05 48 00-0157	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,367.89	25.81
23 05 48 00-0158	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,703.67	25.81
23 05 48 00-0159	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,038.03	25.81
23 05 48 00-0160	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,365.42	23.96
23 05 48 00-0161	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,783.01	23.96
23 05 48 00-0162	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,230.15	32.24
23 05 48 00-0163	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,651.40	32.24
23 05 48 00-0164	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	3,074.62	32.24

23 05 48 00-0165 Braided Metal Hose Type Flexible Bronze Hose Connectors *(23 05 48 00-0080)*

Note: Flanged end connection (carbon steel ends).

23 05 48 00-0166	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	104.06	3.44
23 05 48 00-0167	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	145.73	3.44
23 05 48 00-0168	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	189.97	4.59
23 05 48 00-0169	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	231.70	4.59
23 05 48 00-0170	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	273.44	4.59
23 05 48 00-0171	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	118.38	4.09
23 05 48 00-0172	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	162.35	4.09
23 05 48 00-0173	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	209.37	5.47
23 05 48 00-0174	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	253.38	5.47
23 05 48 00-0175	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	296.61	5.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 00-0176	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	146.75	5.47
23 05 48 00-0177	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	198.07	5.47
23 05 48 00-0178	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	254.28	7.30
23 05 48 00-0179	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	312.60	7.30
23 05 48 00-0180	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	357.16	7.30
23 05 48 00-0181	EA	6" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	267.47	13.93
23 05 48 00-0182	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	383.76	13.93
23 05 48 00-0183	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	510.01	18.36
23 05 48 00-0184	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	626.32	18.36
23 05 48 00-0185	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	742.60	18.36
23 05 48 00-0186	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	484.37	15.85
23 05 48 00-0187	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	572.35	15.85
23 05 48 00-0188	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	758.27	21.05
23 05 48 00-0189	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	932.76	21.05
23 05 48 00-0190	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,107.17	21.05
23 05 48 00-0191	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	844.51	19.82
23 05 48 00-0192	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,063.69	19.82
23 05 48 00-0193	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,299.03	26.43
23 05 48 00-0194	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,519.21	26.43
23 05 48 00-0195	EA	10" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,697.15	26.43
23 05 48 00-0196	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,168.31	23.96
23 05 48 00-0197	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,446.44	23.96
23 05 48 00-0198	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,742.87	32.24
23 05 48 00-0199	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,020.99	32.24
23 05 48 00-0200	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,299.12	32.24

23 05 53 Identification For HVAC Piping And Equipment *(23 05)*

23 05 53 00-0001 Systems Identification *(23 05 53)*

23 05 53 00-0002 Pipe Marker Snap-On Type Plastic *(23 05 53 00-0001)*

Note: Outside diameters include insulation where necessary.

23 05 53 00-0003	EA	1/2" Outside Diameter Snap-On Plastic Marker	9.11
23 05 53 00-0004	EA	3/4" Outside Diameter Snap-On Plastic Marker	9.31
23 05 53 00-0005	EA	1" Outside Diameter Snap-On Plastic Marker	9.41
23 05 53 00-0006	EA	1-1/4" Outside Diameter Snap-On Plastic Marker	9.57
23 05 53 00-0007	EA	1-1/2" Outside Diameter Snap-On Plastic Marker	10.53
23 05 53 00-0008	EA	2" Outside Diameter Snap-On Plastic Marker	10.89
23 05 53 00-0009	EA	2-1/2" Outside Diameter Snap-On Plastic Marker	14.91
23 05 53 00-0010	EA	3" Outside Diameter Snap-On Plastic Marker	15.19
23 05 53 00-0011	EA	3-1/2" Outside Diameter Snap-On Plastic Marker	15.49
23 05 53 00-0012	EA	4" Outside Diameter Snap-On Plastic Marker	15.67
23 05 53 00-0013	EA	4-1/2" Outside Diameter Snap-On Plastic Marker	15.84
23 05 53 00-0014	EA	5" Outside Diameter Snap-On Plastic Marker	16.01
23 05 53 00-0015	EA	6" Outside Diameter Snap-On Plastic Marker	16.64
23 05 53 00-0016	EA	7" Outside Diameter Snap-On Plastic Marker	16.83
23 05 53 00-0017	EA	8" Outside Diameter Snap-On Plastic Marker	19.60
23 05 53 00-0018	EA	10" Outside Diameter Snap-On Plastic Marker	20.63
23 05 53 00-0019	EA	12" Outside Diameter Snap-On Plastic Marker	24.06
23 05 53 00-0020	EA	14" Outside Diameter Snap-On Plastic Marker	27.50

23 05 53 00-0021 Pipe Markers Pressure-Sensitive *(23 05 53 00-0001)*

Note: Stick on include arrow tape. Outside diameter includes insulation where necessary.

23 05 53 00-0022	EA	1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	8.56
23 05 53 00-0023	EA	3/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	8.96
23 05 53 00-0024	EA	1" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	9.75
23 05 53 00-0025	EA	1-1/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	9.91
23 05 53 00-0026	EA	1-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	10.49
23 05 53 00-0027	EA	2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	10.73
23 05 53 00-0028	EA	2-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	11.88
23 05 53 00-0029	EA	3" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	12.19

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 53 00-0030	EA	3-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	12.43	
23 05 53 00-0031	EA	4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	12.68	
23 05 53 00-0032	EA	4-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	13.17	
23 05 53 00-0033	EA	5" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	13.70	
23 05 53 00-0034	EA	6" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	14.18	
23 05 53 00-0035	EA	7" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	14.64	
23 05 53 00-0036	EA	8" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	15.48	
23 05 53 00-0037	EA	10" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	16.83	
23 05 53 00-0038	EA	12" Outside Diameter Press-Sensitive Marker Stick-on	19.52	

23 05 53 00-0039 Valve Identification Tag *(23 05 53 00-0001)*

Note: Includes "S" hook.

23 05 53 00-0040	EA	2" Diameter Identification Tag, Brass	7.65	
23 05 53 00-0041	EA	1-1/2" Diameter Identification Tag, Plastic	7.29	
23 05 53 00-0042	EA	1-1/2" Diameter Identification Tag, Brass	7.18	

23 05 93 Testing, Adjusting, And Balancing For HVAC *(23 05)*

Note: New systems include all necessary testing, startup, and checkout. Use these tasks for testing, startup, and checkout of existing systems.

23 05 93 00-0001 Heating And Ventilating Equipment *(23 05 93)*

23 05 93 00-0002	EA	Balancing Centrifugal Fans	332.08	
		For Testing Of Unit Without Balancing, Deduct		*-166.04*
23 05 93 00-0003	EA	Balancing Heating And Ventilating Units	414.94	
		For Testing Of Unit Without Balancing, Deduct		*-207.47*
23 05 93 00-0004	EA	Balancing In Line Fan	373.59	
		For Testing Of Unit Without Balancing, Deduct		*-186.80*
23 05 93 00-0005	EA	Balancing Propeller And Wall Fan	83.02	
		For Testing Of Unit Without Balancing, Deduct		*-41.51*
23 05 93 00-0006	EA	Balancing Roof Exhaust Fan	249.05	
		For Testing Of Unit Without Balancing, Deduct		*-124.53*
23 05 93 00-0007	EA	Balancing Wall Fan	62.25	
		For Testing Of Unit Without Balancing, Deduct		*-31.13*
23 05 93 00-0008	EA	Balancing Fan Section Exhaust	331.55	
		For Testing Of Unit Without Balancing, Deduct		*-165.78*

23 05 93 00-0009 Air Conditioning Equipment *(23 05 93)*

23 05 93 00-0010	EA	Balancing Constant Volume Air Handling Unit	760.59	
		For Testing Of Unit Without Balancing, Deduct		*-380.30*
23 05 93 00-0011	EA	Balancing Package A/C Unit	285.22	
		For Testing Of Unit Without Balancing, Deduct		*-142.61*
23 05 93 00-0012	EA	Balancing Rooftop Heat And Cool Unit	380.29	
		For Testing Of Unit Without Balancing, Deduct		*-190.15*
23 05 93 00-0013	EA	Balancing Variable Volume Air Handling Unit	1,331.02	
		For Testing Of Unit Without Balancing, Deduct		*-665.51*

23 05 93 00-0014 Registers, Diffusers, Terminal Air Units And Dampers *(23 05 93)*

23 05 93 00-0015	EA	Balancing HVAC Duct System, Ceiling Height To 12' Supply, Return, Exhaust, Register And Diffuser	62.26	
		For Testing Of Unit Without Balancing, Deduct		*-31.13*
23 05 93 00-0016	EA	Balancing HVAC Duct System, Ceiling Height >12' Supply, Return, Exhaust, Register And Diffuser	103.78	
		For Testing Of Unit Without Balancing, Deduct		*-51.89*
23 05 93 00-0017	EA	Balancing HVAC Duct System, Floor Height Supply, Return, Exhaust, Register And Diffuser	53.97	
		For Testing Of Unit Without Balancing, Deduct		*-26.99*
23 05 93 00-0018	EA	Balance Variable Air Volume Box	58.47	
		For Testing Of Unit Without Balancing, Deduct		*-29.24*
23 05 93 00-0019	EA	Balance Constant Volume Box	58.47	
		For Testing Of Unit Without Balancing, Deduct		*-29.24*
23 05 93 00-0020	EA	Balance Fan Powered Box	66.42	
		For Testing Of Unit Without Balancing, Deduct		*-33.21*
23 05 93 00-0021	EA	Balance Lab Fume Hood	269.82	
		For Testing Of Unit Without Balancing, Deduct		*-134.91*
23 05 93 00-0022	EA	Balance General Hood	207.55	
		For Testing Of Unit Without Balancing, Deduct		*-103.78*
23 05 93 00-0023	EA	Balance Induction Unit	124.53	
		For Testing Of Unit Without Balancing, Deduct		*-62.27*
23 05 93 00-0024	EA	Balance Moduline - Master	49.80	
		For Testing Of Unit Without Balancing, Deduct		*-24.90*
23 05 93 00-0025	EA	Balance Moduline - Slave	24.90	
		For Testing Of Unit Without Balancing, Deduct		*-12.45*
23 05 93 00-0026	EA	Balance Dampers	23.12	
		For Testing Of Unit Without Balancing, Deduct		*-11.56*
23 05 93 00-0027	EA	Balance Regenerators	331.55	
		For Testing Of Unit Without Balancing, Deduct		*-165.78*

23 05 93 00-0028 Water Balancing Of Components *(23 05 93)*

23 05 93 00-0029	EA	Water Balance, Air Cool Condenser	522.95	
		For Testing Of Unit Without Balancing, Deduct		*-261.48*
23 05 93 00-0030	EA	Water Balance, Cabinet Heater	66.56	
		For Testing Of Unit Without Balancing, Deduct		*-33.28*
23 05 93 00-0031	EA	Water Balance, Chiller, Air Cooled	570.39	
		For Testing Of Unit Without Balancing, Deduct		*-285.20*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0032	EA	Water Balance, Chiller, Water Cooled	760.59	
		For Testing Of Unit Without Balancing, Deduct	*-380.30*	
23 05 93 00-0033	EA	Water Balance, Cooling Tower	380.29	
		For Testing Of Unit Without Balancing, Deduct	*-190.15*	
23 05 93 00-0034	EA	Water Balance, Fan Coil And Vent	95.13	
		For Testing Of Unit Without Balancing, Deduct	*-47.57*	
23 05 93 00-0035	EA	Water Balance, Fin Tube And Radiant Panel	95.07	
		For Testing Of Unit Without Balancing, Deduct	*-47.54*	
23 05 93 00-0036	EA	Water Balance, Main And Duct Re-Heat Coil	104.58	
		For Testing Of Unit Without Balancing, Deduct	*-52.29*	
23 05 93 00-0037	EA	Water Balance, Pumps	285.23	
		For Testing Of Unit Without Balancing, Deduct	*-142.62*	
23 05 93 00-0038	EA	Water Balance, Unit Heater	66.55	
		For Testing Of Unit Without Balancing, Deduct	*-33.28*	
23 05 93 00-0039	EA	Water Balancing, Converter	285.33	
		For Testing Of Unit Without Balancing, Deduct	*-142.67*	
23 05 93 00-0040	EA	Water Balancing, Cocks And Valves	47.53	
		For Testing Of Unit Without Balancing, Deduct	*-23.77*	
23 05 93 00-0041	EA	Water Balance, Convector	57.04	
		For Testing Of Unit Without Balancing, Deduct	*-28.52*	
23 05 93 00-0042	EA	Water Balancing, Backflow Preventer Or Reduced Pressure Zone Valves	71.31	
		For Testing Of Unit Without Balancing, Deduct	*-35.66*	
23 05 93 00-0043	EA	Water Balance, Boiler, Up To 500 MBH	617.97	
		For Testing Of Unit Without Balancing, Deduct	*-308.99*	
23 05 93 00-0044	EA	>500 To 1000 MBH, Water Balance, Boiler	1,140.88	
		For Testing Of Unit Without Balancing, Deduct	*-570.44*	
23 05 93 00-0045	EA	>1000 MBH, Water Balance, Boiler	2,091.62	
		For Testing Of Unit Without Balancing, Deduct	*-1,045.81*	

23 05 93 00-0046 Non Destructive Testing *(23 05 93)*

23 05 93 00-0047 X-Ray Welds, Non-Destructive Testing *(23 05 93 00-0046)*

23 05 93 00-0048 X-Ray Welds Minimum Set-Up Charge *(23 05 93 00-0047)*

23 05 93 00-0049	EA	X-Ray Welds Minimum Set-Up Charge Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	657.33

23 05 93 00-0050 Piping, X-Ray Welds, Non Destructive Testing *(23 05 93 00-0047)*

23 05 93 00-0051	EA	Up To 3/4" Piping, X-Ray Welds, Non Destructive Testing	76.49
23 05 93 00-0052	EA	1" Piping, X-Ray Welds, Non Destructive Testing	87.16
23 05 93 00-0053	EA	1-1/4" - 1-1/2" Piping, X-Ray Welds, Non Destructive Testing	97.84
23 05 93 00-0054	EA	2" Piping, X-Ray Welds, Non Destructive Testing	103.36
23 05 93 00-0055	EA	3" Piping, X-Ray Welds, Non Destructive Testing	108.87
23 05 93 00-0056	EA	4" Piping, X-Ray Welds, Non Destructive Testing	114.74
23 05 93 00-0057	EA	6" Piping, X-Ray Welds, Non Destructive Testing	125.77
23 05 93 00-0058	EA	8" Piping, X-Ray Welds, Non Destructive Testing	136.80
23 05 93 00-0059	EA	10" Piping, X-Ray Welds, Non Destructive Testing	142.65
23 05 93 00-0060	EA	12" Piping, X-Ray Welds, Non Destructive Testing	148.51

23 05 93 00-0061 Liquid Penetration Of Welds, Non Destructive Testing *(23 05 93 00-0046)*

23 05 93 00-0062 Piping, Liquid Penetration Of Welds, Non Destructive Testing *(23 05 93 00-0061)*

23 05 93 00-0063	EA	Up To 3/4" Piping, Liquid Penetration Of Welds, Non Destructive Testing	80.65
23 05 93 00-0064	EA	1" Piping, Liquid Penetration Of Welds, Non Destructive Testing	85.82
23 05 93 00-0065	EA	1-1/4" - 1-1/2" Piping, Liquid Penetration Of Welds, Non Destructive Testing	90.98
23 05 93 00-0066	EA	2" Piping, Liquid Penetration Of Welds, Non Destructive Testing	93.56
23 05 93 00-0067	EA	3" Piping, Liquid Penetration Of Welds, Non Destructive Testing	97.43
23 05 93 00-0068	EA	4" Piping, Liquid Penetration Of Welds, Non Destructive Testing	101.31
23 05 93 00-0069	EA	6" Piping, Liquid Penetration Of Welds, Non Destructive Testing	109.05
23 05 93 00-0070	EA	8" Piping, Liquid Penetration Of Welds, Non Destructive Testing	116.80
23 05 93 00-0071	EA	10" Piping, Liquid Penetration Of Welds, Non Destructive Testing	124.55
23 05 93 00-0072	EA	12" Piping, Liquid Penetration Of Welds, Non Destructive Testing	132.29

23 05 93 00-0073 Hydrostatic Testing *(23 05 93 00-0046)*

Note: Includes flushing and restoring of system.

23 05 93 00-0074 Piping, Hydrostatic Testing *(23 05 93 00-0073)*

23 05 93 00-0075	EA	Up To 100 LF, Up To 1-1/2" Piping, Hydrostatic Testing	679.48
23 05 93 00-0076	EA	>100 To 250 LF, Up To 1-1/2" Piping, Hydrostatic Testing	970.69
23 05 93 00-0077	EA	>250 To 500 LF, Up To 1-1/2" Piping, Hydrostatic Testing	1,163.07
23 05 93 00-0078	EA	>500 To 1000 LF, Up To 1-1/2" Piping, Hydrostatic Testing	1,549.22
23 05 93 00-0079	EA	>1000 To 2000 LF, Up To 1-1/2" Piping, Hydrostatic Testing	2,347.30
23 05 93 00-0080	EA	Up To 100 LF, >1-1/2" To 4" Piping, Hydrostatic Testing	903.44
23 05 93 00-0081	EA	>100 To 250 LF, >1-1/2" To 4" Piping, Hydrostatic Testing	1,291.01
23 05 93 00-0082	EA	>250 To 500 LF, >1-1/2" To 4" Piping, Hydrostatic Testing	1,536.92
23 05 93 00-0083	EA	>500 To 1000 LF, >1-1/2" To 4" Piping, Hydrostatic Testing	2,013.96
23 05 93 00-0084	EA	>1000 To 2000 LF, >1-1/2" To 4" Piping, Hydrostatic Testing	3,046.78
23 05 93 00-0085	EA	Up To 100 LF, >4" To 10" Piping, Hydrostatic Testing	1,177.40
23 05 93 00-0086	EA	>100 To 250 LF, >4" To 10" Piping, Hydrostatic Testing	1,678.32
23 05 93 00-0087	EA	>250 To 500 LF, >4" To 10" Piping, Hydrostatic Testing	1,682.77
23 05 93 00-0088	EA	>500 To 1000 LF, >4" To 10" Piping, Hydrostatic Testing	2,204.55
23 05 93 00-0089	EA	>1000 To 2000 LF, >4" To 10" Piping, Hydrostatic Testing	3,335.08

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0090	EA	Up To 100 LF, >10" To 14" Piping, Hydrostatic Testing	1,528.56	
23 05 93 00-0091	EA	>100 To 250 LF, >10" To 14" Piping, Hydrostatic Testing	2,179.21	
23 05 93 00-0092	EA	>250 To 500 LF, >10" To 14" Piping, Hydrostatic Testing	2,188.02	
23 05 93 00-0093	EA	>500 To 1000 LF, >10" To 14" Piping, Hydrostatic Testing	2,869.82	
23 05 93 00-0094	EA	>1000 To 2000 LF, >10" To 14" Piping, Hydrostatic Testing	4,348.23	

23 05 93 00-0095 Pneumatic Testing *(23 05 93 00-0046)*

Note: Includes soaping joints flushing and restoring of system. Can be used for gas or smoke test.

23 05 93 00-0096 Piping, Pneumatic Testing *(23 05 93 00-0095)*

23 05 93 00-0097	EA	Up To 100 LF, Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	772.48	
23 05 93 00-0098	EA	>100 To 250 LF, Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	1,102.34	
23 05 93 00-0099	EA	>250 To 500 LF, Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	1,190.00	
23 05 93 00-0100	EA	>500 To 1000 LF, Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	1,523.87	
23 05 93 00-0101	EA	>1000 To 2000 LF, Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	2,383.19	
23 05 93 00-0102	EA	Up To 100 LF, >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,007.98	
23 05 93 00-0103	EA	>100 To 250 LF, >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,431.42	
23 05 93 00-0104	EA	>250 To 500 LF, >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,546.92	
23 05 93 00-0105	EA	>500 To 1000 LF, >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,981.49	
23 05 93 00-0106	EA	>1000 To 2000 LF, >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	3,097.81	
23 05 93 00-0107	EA	Up To 100 LF, >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	1,213.37	
23 05 93 00-0108	EA	>100 To 250 LF, >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	1,712.50	
23 05 93 00-0109	EA	>250 To 500 LF, >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	1,841.68	
23 05 93 00-0110	EA	>500 To 1000 LF, >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	2,352.79	
23 05 93 00-0111	EA	>1000 To 2000 LF, >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	3,683.77	
23 05 93 00-0112	EA	Up To 100 LF, >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	1,579.87	
23 05 93 00-0113	EA	>100 To 250 LF, >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	2,226.36	
23 05 93 00-0114	EA	>250 To 500 LF, >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	2,394.85	
23 05 93 00-0115	EA	>500 To 1000 LF, >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	3,059.11	
23 05 93 00-0116	EA	>1000 To 2000 LF, >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	4,796.40	

23 05 93 00-0117 EPA Testing Of Sludge *(23 05 93)*

23 05 93 00-0118	EA	Flashpoint And Lead Test For Lead	537.78
23 05 93 00-0119	EA	Air Test/Combustion Gas Level	59.16
23 05 93 00-0120	EA	Toxicity Test For Heavy Metals	824.10
23 05 93 00-0121	EA	Aboveground Tank Water Settlement Test Including Water	626.19

23 07 HVAC Insulation *(23)*

23 07 13 Duct Insulation *(23 07)*

Note: Based on SF surface area of duct to receive insulation.

23 07 13 00-0001 Fiber Glass FSK Duct Wrap Insulation *(23 07 13)*

Note: Foil-scrim kraft (FSK) facing lapped and joints sealed vapor tight. See CSI section 23 33 53 00-0000 for internal duct insulation.

23 07 13 00-0002 Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0003	SF	1" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	2.70	1.87
		For Plain Blanket, With No Facing, Deduct	*-0.08*	
		For Work In Restricted Working Space, Add	*0.75*	
23 07 13 00-0004	SF	1-1/2" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	3.18	1.87
		For Plain Blanket, With No Facing, Deduct	*-0.10*	
		For Work In Restricted Working Space, Add	*0.88*	
23 07 13 00-0005	SF	2" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	3.61	2.81
		For Plain Blanket, With No Facing, Deduct	*-0.11*	
		For Work In Restricted Working Space, Add	*1.00*	
23 07 13 00-0006	SF	3" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.23	3.27
		For Plain Blanket, With No Facing, Deduct	*-0.13*	
		For Work In Restricted Working Space, Add	*1.17*	
23 07 13 00-0007	SF	4" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.72	3.55
		For Plain Blanket, With No Facing, Deduct	*-0.21*	
		For Work In Restricted Working Space, Add	*1.26*	

23 07 13 00-0008 Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 13 00-0009	SF	1" Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation	3.37	2.81
		For Plain Blanket, With No Facing, Deduct	*-0.10*	
		For Work In Restricted Working Space, Add	*0.94*	
23 07 13 00-0010	SF	1-1/2" Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation	3.90	3.27
		For Plain Blanket, With No Facing, Deduct	*-0.12*	
		For Work In Restricted Working Space, Add	*1.08*	
23 07 13 00-0011	SF	2" Type 100 (1.0 LB/CF) Fiber Glass FSK Duct Wrap Insulation	4.60	3.74
		For Plain Blanket, With No Facing, Deduct	*-0.14*	
		For Work In Restricted Working Space, Add	*1.28*	

23 07 13 00-0012 Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0013	SF	1" Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.18	3.74
		For Plain Blanket, With No Facing, Deduct	*-0.17*	
		For Work In Restricted Working Space, Add	*1.13*	
23 07 13 00-0014	SF	1-1/2" Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	5.02	4.20
		For Plain Blanket, With No Facing, Deduct	*-0.29*	
		For Work In Restricted Working Space, Add	*1.29*	
23 07 13 00-0015	SF	2" Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	5.84	4.68
		For Plain Blanket, With No Facing, Deduct	*-0.34*	
		For Work In Restricted Working Space, Add	*1.50*	

23 07 13 00-0016 Calcium Block Insulation *(23 07 13)*

23 07 13 00-0017	SF	2" Calcium Block Insulation	16.75	6.35
		For Work In Restricted Working Space, Add	*3.82*	

23 07 13 00-0018 3 LB/CF FSK Rigid Fiber Glass Board Insulation *(23 07 13)*

Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fasteners.

23 07 13 00-0019	SF	1", 3 LB/CF FSK Rigid Fiber Glass Board Insulation	8.48	4.07
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*20.06*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*14.71*	
		For Non-Metallic Weatherproof Paste, 2 LB, Add	*12.17*	
		For Work In Restricted Working Space, Add	*2.49*	
23 07 13 00-0020	SF	1-1/2", 3 LB/CF FSK Rigid Fiber Glass Board Insulation	10.34	4.96
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*24.41*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*17.92*	
		For Non-Metallic Weatherproof Paste, 2 LB, Add	*14.81*	
		For Work In Restricted Working Space, Add	*3.03*	
23 07 13 00-0021	SF	2", 3 LB/CF FSK Rigid Fiber Glass Board Insulation	12.52	5.98
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*29.50*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*21.67*	
		For Non-Metallic Weatherproof Paste, 2 LB, Add	*17.91*	
		For Work In Restricted Working Space, Add	*3.66*	

23 07 13 00-0022 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation *(23 07 13)*

Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fastener.

23 07 13 00-0023	SF	1", 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation	9.69	4.48
		For Work In Restricted Working Space, Add	*2.74*	
23 07 13 00-0024	SF	1-1/2", 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation	12.38	5.45
		For Work In Restricted Working Space, Add	*3.34*	
23 07 13 00-0025	SF	2", 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation	15.62	6.58
		For Work In Restricted Working Space, Add	*4.03*	

23 07 13 00-0026 Other Ductwork Insulation *(23 07 13)*

23 07 13 00-0027	SF	1/2" Cement Over 1" Wire Mesh, Including Corner Bead	18.58	7.48
23 07 13 00-0028	SF	Glass Cloth Pasted On	10.48	6.74
23 07 13 00-0029	SF	Weatherproof, Non Metallic, 21 LB/SF	18.46	8.88

23 07 13 00-0030 Flexible Elastomeric Insulation *(23 07 13)*

23 07 13 00-0031	SF	3/8" Thick Sheet Elastomeric Insulation	6.28	2.52
23 07 13 00-0032	SF	1/2" Thick Sheet Elastomeric Insulation	6.69	2.67
23 07 13 00-0033	SF	3/4" Thick Sheet Elastomeric Insulation	8.50	2.81
23 07 13 00-0034	SF	1" Thick Sheet Elastomeric Insulation	9.68	2.95
23 07 13 00-0035	SF	1-1/2" Thick Sheet Elastomeric Insulation	13.07	3.23
23 07 13 00-0036	SF	2" Thick Sheet Elastomeric Insulation	15.32	3.51

23 07 19 HVAC Piping Insulation *(23 07)*

See CSI section 22 07 19 00-0000 for pipe insulation.

23 08 Commissioning Of HVAC *(23)*

See CSI section 23 05 93 00-0000 for testing and balancing.

23 09 Instrumentation And Control For HVAC *(23)*

23 09 13 Instrumentation And Control Devices For HVAC *(23 09)*

23 09 13 56 Pneumatic Tubing *(23 09 13)*

23 09 13 56-0001 Urethane Tubing, Fire Retardant *(23 09 13 56)*

23 09 13 56-0002	LF	1/8" Outside Diameter x 1/16" Inside Diameter Urethane Tubing	1.28	0.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 13 56-0003	LF	1/4" Outside Diameter x 1/8" Inside Diameter Urethane Tubing	1.37	0.63
23 09 13 56-0004	LF	3/8" Outside Diameter x 1/4" Inside Diameter Urethane Tubing	1.43	0.63

23 09 13 56-0005 Polyethylene Tubing *(23 09 13 56)*

23 09 13 56-0006	LF	0.17" Inside Diameter x .25" Outside Diameter Polyethylene Tubing	1.28	0.63
23 09 13 56-0007	LF	0.295" Inside Diameter x .375" Outside Diameter Polyethylene Tubing	1.37	0.63
23 09 13 56-0008	LF	0.375" Inside Diameter x .5" Outside Diameter Polyethylene Tubing	1.45	0.63

23 09 13 56-0009 Nylon Tubing *(23 09 13 56)*

23 09 13 56-0010	LF	0.08" Inside Diameter x 1/8" Outside Diameter Nylon Tubing	1.40	0.63
23 09 13 56-0011	LF	0.18" Inside Diameter x 1/4" Outside Diameter Nylon Tubing	1.63	0.63
23 09 13 56-0012	LF	0.275" Inside Diameter x .3/8" Outside Diameter Nylon Tubing	1.89	0.63

23 09 13 56-0013 Flexible Vinyl Tubing *(23 09 13 56)*

23 09 13 56-0014	LF	1/4" Outside Diameter Flexible Vinyl Tubing	1.32	0.63
23 09 13 56-0015	LF	3/8" Outside Diameter Flexible Vinyl Tubing	1.41	0.63
23 09 13 56-0016	LF	1/2" Outside Diameter Flexible Vinyl Tubing	1.56	0.71
23 09 13 56-0017	LF	5/8" Outside Diameter Flexible Vinyl Tubing	1.73	0.71
23 09 13 56-0018	LF	3/4" Outside Diameter Flexible Vinyl Tubing	2.24	0.95
23 09 13 56-0019	LF	1" Outside Diameter Flexible Vinyl Tubing	3.09	1.27

23 09 13 56-0020 Braided Vinyl Tubing *(23 09 13 56)*

23 09 13 56-0021	LF	5/8" Outside Diameter Braided Vinyl Tubing	2.23	0.71
23 09 13 56-0022	LF	3/4" Outside Diameter Braided Vinyl Tubing	2.76	1.03
23 09 13 56-0023	LF	1" Outside Diameter Braided Vinyl Tubing	3.75	1.19

23 09 13 56-0024 Brass Tubing Accessories *(23 09 13 56)*

See CSI section 22 11 16 00-0285 for copper tubing.

23 09 13 56-0025 Straight Coupling, Barb x Barb *(23 09 13 56-0024)*

23 09 13 56-0026	EA	1/4" x 1/4" Straight Coupling, Brass	7.43	3.56
23 09 13 56-0027	EA	3/8" x 1/4" Straight Coupling, Brass	7.47	3.56
23 09 13 56-0028	EA	3/8" x 3/8" Straight Coupling, Brass	7.52	3.56

23 09 13 56-0029 Elbow Coupling, Barb x Barb *(23 09 13 56-0024)*

23 09 13 56-0030	EA	1/4" x 1/4" Elbow Coupling, Brass	7.69	3.56
23 09 13 56-0031	EA	3/8" x 3/8" Elbow Coupling, Brass	7.84	3.56

23 09 13 56-0032 Tee Coupling, Barb x Barb *(23 09 13 56-0024)*

23 09 13 56-0033	EA	1/4" x 1/4" x 1/4" Tee Coupling, Brass	11.82	5.55
23 09 13 56-0034	EA	3/8" x 3/8" x 1/4" Tee Coupling, Brass	13.18	5.95
23 09 13 56-0035	EA	3/8" x 3/8" x 3/8" Tee Coupling, Brass	13.01	5.95

23 09 13 56-0036 Copper Tubing *(23 09 13 56)*

23 09 13 56-0037	LF	1/4" Outside Diameter Copper Tubing	4.16	
23 09 13 56-0038	LF	3/8" Outside Diameter Copper Tubing	4.86	
23 09 13 56-0039	LF	1/2" Outside Diameter Copper Tubing	5.56	
23 09 13 56-0040	LF	5/8" Outside Diameter Copper Tubing	6.15	
23 09 13 56-0041	LF	3/4" Outside Diameter Copper Tubing	10.10	

23 09 23 Direct-Digital Control System For HVAC *(23 09)*

23 09 23 00-0001 EMCS General Costs *(23 09 23)*

23 09 23 00-0002 EMCS System Design Engineering *(23 09 23 00-0001)*

Note: Hourly labor rates are used for engineering projects only. Not used in conjunction with construction tasks.

23 09 23 00-0003	HR	EMCS Site Inspection Of Existing Facilities	204.39	
23 09 23 00-0004	HR	EMCS Engineering Project Management	204.39	
23 09 23 00-0005	HR	EMCS System Engineering, Schematic Design And Layout	216.78	
23 09 23 00-0006	HR	EMCS System Software Programming And Graphics Programming	216.78	
23 09 23 00-0007	HR	EMCS Graphics Picture Creation	139.39	
23 09 23 00-0008	HR	EMCS System Controls Training	204.39	
23 09 23 00-0009	HR	EMCS On Site System Diagnostics Field Technician	204.39	
23 09 23 00-0010	HR	EMCS Remote Technical Support Using Phone Or Internet	170.37	
23 09 23 00-0011	HR	EMCS Travel Time (All Personnel)	176.56	

23 09 23 00-0012 Post Warranty Field Tests, Checkout And Commissioning *(23 09 23 00-0001)*

Note: Tasks used for building commissioning of other contractors' work or post warranty service work. A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.

23 09 23 00-0013	PNT	EMCS Field Test Note: Priced per point. Task used after warranty period only.	108.43	
23 09 23 00-0014	PNT	EMCS Field Checkout And Startup Note: Priced per point. Task used after warranty period only.	108.43	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0015	PNT	EMCS Field Commissioning Note: Priced per point. Used when the owner requires an independent commissioning firm.	108.43	
23 09 23 00-0016	EA	EMCS Field Balance Support Note: Priced per controller. Task used after warranty period only.	92.90	
23 09 23 00-0017		**EMCS System Engineering/Submittal Design And Layout** *(23 09 23 00-0001)* Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 00-0018	PNT	EMCS System Engineering/Submittal Design And Layout Note: Priced per point.	36.17	
23 09 23 00-0019		**Install EMCS Field Devices And Controllers (Labor Only)** *(23 09 23 00-0001)* Note: This section is used when equipment or devices are supplied by others, usually in a maintenance or trouble shooting situation. Excludes cable or conduit between panel and device.		
23 09 23 00-0020	EA	Mount An AHU Control Enclosure On Block, Masonry Or Gypsum Wall	187.38	30.97
23 09 23 00-0021	EA	Install AHU Power Supply In A Control Enclosure	136.26	61.93
23 09 23 00-0022	EA	Install Metal Box And Conduit Stub-Up For Sensor In Masonry Wall	187.38	30.97
23 09 23 00-0023	EA	Install And Wire Room Sensor	51.12	30.97
23 09 23 00-0024	EA	Install And Wire Duct Sensor	68.13	30.97
23 09 23 00-0025	EA	Install And Wire AHU Averaging Sensor	221.40	154.84
23 09 23 00-0026	EA	Install And Wire AHU Humidity Sensor	119.25	46.49
23 09 23 00-0027	EA	Install And Wire AHU CO2 Sensor	170.37	46.49
23 09 23 00-0028	EA	Install And Wire Fan Or Filter DP Switch	170.37	46.49
23 09 23 00-0029	EA	Install And Wire Float Switch	136.26	30.97
23 09 23 00-0030	EA	Install And Wire Freezestat	221.40	154.84
23 09 23 00-0031	EA	Install And Wire Duct Static Pressure Sensor	119.25	61.93
23 09 23 00-0032	EA	Install And Wire Duct High Static Sensor	68.13	30.97
23 09 23 00-0033	EA	Install And Wire Emergency Stop Switch For AHU Or Other Equipment	68.13	30.97
23 09 23 00-0034	EA	Install And Wire Emergency Stop Switch For AHU	204.39	61.93
23 09 23 00-0035	EA	Install And Wire AHU Connection To Starter	204.39	154.84
23 09 23 00-0036	EA	Install And Wire Connection To VFD	374.75	154.84
23 09 23 00-0037	EA	Install And Wire AHU Valve Actuator	102.24	30.97
23 09 23 00-0038	EA	Install And Wire AHU Damper Actuator	204.39	61.93
23 09 23 00-0039	EA	Install And Wire AHU Smoke Detector Or Fire Alarm Relay	119.25	46.49
23 09 23 00-0040	EA	Install And Wire AHU Electropneumatic Transducer	85.14	30.97
23 09 23 00-0041	EA	Install And Wire Electric Heat Or Sequencer	204.39	61.93
23 09 23 00-0042	EA	Install And Wire Connection To Outdoor Compressor	476.91	46.49
23 09 23 00-0043	EA	Install And Wire AHU Magnahelic	170.37	30.97
23 09 23 00-0044	EA	Install And Wire AHU Wireway For Control Enclosure	204.39	61.93
23 09 23 00-0045	EA	Wire And Assemble AHU Control Enclosure Note: Includes installing all panel devices for a medium size panel.	374.75	
23 09 23 00-0046	EA	Field Install And Wire VAV Controller Note: Use when VAV box is previously installed.	136.26	61.93
23 09 23 00-0047	EA	Shop Install And Wire VAV Controller	119.25	
23 09 23 00-0048	EA	Install And Wire VAV Power Supply	51.12	30.97
23 09 23 00-0049	EA	Wire VAV Fan In Parallel Or Series Fan Box	68.13	30.97
23 09 23 00-0050	EA	Install And Wire Fan Coil Unit Controller	340.65	92.90
23 09 23 00-0051	EA	Mount Fan Coil Unit, Heat Pump, Or Unit Ventilator Controller	102.24	
23 09 23 00-0052	EA	Install And Wire Central Plant Controller Note: For programmable DDC controller.	476.91	278.72
23 09 23 00-0053	EA	Mount Central Plant Enclosure For DDC Control Enclosure Note: For programmable DDC controller.	187.38	30.97
23 09 23 00-0054	EA	Install Central Plant Power Supply For DDC Programmable Controller	136.26	61.93
23 09 23 00-0055	EA	Install Central Plant Wireway For Programmable Controller	204.39	61.93
23 09 23 00-0056	EA	Install And Wire Chiller Controls For Enable And Setpoint Controls	408.79	92.90
23 09 23 00-0057	EA	Install And Wire Chiller Flow Switch	408.79	185.81
23 09 23 00-0058	EA	Install And Wire Chiller DP Transmitter Note: Includes installing copper tubing connection to water piping.	1,532.98	92.90
23 09 23 00-0059	EA	Install And Wire Boiler Controls For Enable And Alarm	306.63	92.90
23 09 23 00-0060	EA	Install And Wire Boiler Safeties Note: For high water, low water and flame safeguard.	306.63	92.90
23 09 23 00-0061	EA	Install Boiler Control Panel Enclosure On Block, Masonry Or Gypsum Wall	681.30	387.14
23 09 23 00-0062	EA	Wire And Terminate Combustion Air Damper	851.67	61.93
23 09 23 00-0063	EA	Wire Oil Tank Interlock For Oil Boiler	425.79	61.93
23 09 23 00-0064	EA	Install And Wire Boiler Emergency Stop Switch	851.67	185.81
23 09 23 00-0065	EA	Wire And Terminate Temperature Well Sensor Note: Excludes well.	85.14	46.49
23 09 23 00-0066	EA	Install And Wire Strap On Sensor	204.39	46.49
23 09 23 00-0067	EA	Install And Wire CO2 Sensor For Room Or Space Note: Excludes stub-up.	170.37	46.49
23 09 23 00-0068	EA	Install And Wire Valve Actuator	170.37	123.87
23 09 23 00-0069	EA	Install And Wire Outside Air Temperature Sensor	306.63	92.90
23 09 23 00-0070	EA	Install And Wire Outside Air Humidity Sensor	153.27	92.90
23 09 23 00-0071	EA	Install And Wire Flow Sensor	374.75	185.81
23 09 23 00-0072	EA	Install And Wire Pressure Sensor For Pump Or Building	374.75	185.81
23 09 23 00-0073	EA	Install And Wire Pump Starter	204.39	46.49
23 09 23 00-0074	EA	Install And Wire Pump VFD	374.75	92.90
23 09 23 00-0075	EA	Install And Wire Pump DP Switch Note: Includes installing copper tubing connection to water piping.	511.02	185.81
23 09 23 00-0076	EA	Install And Wire System DP Transmitter Note: Includes installing copper tubing connection to water piping and wiring remote transmitter.	1,703.34	185.81
23 09 23 00-0077	EA	Mount Starter Sized Up To 100 HP	136.26	92.90
23 09 23 00-0078	EA	Mount VFD Sized Up To 100 HP	340.65	309.68
23 09 23 00-0079	EA	Install And Wire Cooling Tower Control Enclosure	613.18	185.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0080	EA	Install And Wire Vibration Switch For Cooling Tower	374.75	185.81
23 09 23 00-0081	EA	Install And Wire Cooling Tower Basin Heater	204.39	185.81
23 09 23 00-0082	EA	Install And Wire Basin Water Temperature Switch	204.39	92.90
23 09 23 00-0083	EA	Install And Wire Cooling Tower Make-Up Water Valve	204.39	185.81
23 09 23 00-0084	EA	Install And Wire Cooling Tower Make-Up Water Valve	204.39	185.81
23 09 23 00-0085	EA	Install And Wire Refrigerant Monitor Panel	1,022.03	387.14
23 09 23 00-0086	EA	Install And Wire Break Glass Switch	204.39	92.90
23 09 23 00-0087	EA	Install And Wire Horn/Strobe For Refrigerant Monitor	153.27	61.93
23 09 23 00-0088	EA	Install And Wire Damper Actuator	204.39	61.93
23 09 23 00-0089	EA	Install And Wire Chemical Feed System	1,703.34	387.14
23 09 23 00-0090	EA	Wire And Assemble Control Enclosure Note: Includes installing all panel devices in large size panel.	408.79	
23 09 23 00-0091	EA	Install And Wire Exhaust Fan DDC Control Note: Start or stop and status.	425.79	77.46
23 09 23 00-0092	EA	Install And Wire Exhaust Fan Thermostat Control	136.26	46.49
23 09 23 00-0093	EA	Wire Lighting Contactor (Contactor Installed By Others)	425.79	61.93
23 09 23 00-0094	EA	Wire And Terminate Unit Heater	136.26	46.49
23 09 23 00-0095	EA	Wire Domestic Water Heater For Enable Or Disable	425.79	61.93
23 09 23 00-0096	EA	Wire And Install Current Transformer KWH Meter (With Power Off)	1,362.69	371.62
23 09 23 00-0097	EA	Wire Water Meter (Meter Installed By Others)	1,362.69	92.90
23 09 23 00-0098	EA	Wire Gas Meter (Meter Installed By Others)	1,362.69	92.90
23 09 23 00-0099	EA	Install Wireless Receiver And Wire To DDC Controls	170.37	61.93
23 09 23 00-0100	EA	Install Wireless Sensor	34.10	15.52
23 09 23 00-0101	EA	Wire Split System AC Thermostat	681.30	46.49
23 09 23 00-0102	EA	Wire Sump Pump Monitor Status Switch	511.02	92.90
23 09 23 00-0103	EA	Install Locking Cover/Wire Guard For Thermostat Or Wall Temperature Sensor	68.13	30.97
23 09 23 00-0104	EA	Install And Wire Combination Outside Air Temperature/Outside Air Humidity Sensor	459.90	185.81

23 09 23 00-0105 Honeywell Controls *(23 09 23)*

23 09 23 00-0106 EMCS Central Equipment And Controllers *(23 09 23 00-0105)*

23 09 23 00-0107 EMCS Network Area Controllers (BACnet Or Lon) *(23 09 23 00-0106)*

Note: Includes loading software, software license, loading data base and mounting on wall.

23 09 23 00-0108	EA	Network Area Java Controller Supporting 126 Devices (Honeywell WC2003B2004) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 minimum RS-232 serial ports, 1 minimum RS-485 electrically isolated ports, 1 LonWorks port (supports 126 devices), and web user interface software.	6,762.48	402.59
23 09 23 00-0109	EA	Network Area Java Controller Supporting 27 Devices (Honeywell WC2003B1022) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-232 port, 1 RS-485 port, 1 LonWorks port with driver, Lon tunnel service, BACnet driver, wind river VxWorks OS with Jeode java virtual machine, Niagara control engine and web user interface software (supports 27 device).	4,829.29	402.59
23 09 23 00-0110	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Supports up to 10 devices.	3,849.27	402.59
23 09 23 00-0111	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-EZ) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Includes WEB user interface and Enterprise connectivity pack.	4,629.14	402.59
23 09 23 00-0112	EA	Niagara Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LN) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485 communications. Includes Niagara network ethernet communication between stations.	3,822.42	402.59
23 09 23 00-0113	EA	Web UI Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LU) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485.	3,822.42	402.59
23 09 23 00-0114	EA	16 Point BACnet IP Network Area Java Controller (Honeywell WEB-216-B) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	4,092.14	402.59
23 09 23 00-0115	EA	16 Point Web UI And BACnet IP Network Area Java Controller (Honeywell WEB-216-BU) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	4,375.28	402.59
23 09 23 00-0116	EA	16 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	4,092.14	402.59
23 09 23 00-0117	EA	16 Point Web UI And Niagara Network Area Java Controller (Honeywell WEB-216-NU) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	4,375.28	402.59
23 09 23 00-0118	EA	34 Point BACnet IP Network Area Java Controller (Honeywell WEB-234-B) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	4,377.72	402.59
23 09 23 00-0119	EA	34 Point Web UI and BACnet IP Network Area Java Controller (Honeywell WEB-234-BU.) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	4,660.87	402.59
23 09 23 00-0120	EA	34 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	4,377.72	402.59

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0121	EA	34 Point Web UI and Niagara Network Area Java Controller (Honeywell WEB-216-NU) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	4,660.87	402.59
23 09 23 00-0122	EA	Network Area Java Controller Supporting 27 Devices (Controller Only) (Honeywell WEB-403-AX) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	4,615.71	402.59
23 09 23 00-0123	EA	Unrestricted Network Area Java Controller Supporting 27 Devices (Controller Only) Note: Unrestricted limit on connected devices. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. Honeywell WEB-403-EXP-AX. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	5,561.56	402.59
23 09 23 00-0124	EA	Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EZ) Note: Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	5,853.25	402.59
23 09 23 00-0125	EA	Expanded Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EXP-EZ) Note: Unrestricted limit on connected devices. Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	6,799.10	402.59
23 09 23 00-0126	EA	Network Area Java Controller Supporting 124 Devices (Controller Only) (Honeywell WEB-545-AX) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other WEBs controllers, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Excludes UI service and Enterprise connectivity service.	5,866.67	402.59
23 09 23 00-0127	EA	Easy Pack Network Area Java Controller Supporting 124 Devices (Honeywell WEB-545-EZ) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other JACEs, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Includes WEB-545-AX plus User Interface Station Pack (UI-SP-5XX) and Enterprise Connectivity Station Pack (EC-SP-5XX) bundled as an "easy-order" bundle.	7,669.28	402.59
23 09 23 00-0128		**EMCS Network Interfaces** *(23 09 23 00-0106)* Note: Includes installation, start-up and tech labor.		
23 09 23 00-0129	EA	Serial LonTalk Adapter For LonWorks Bus And A PC (Honeywell Q7760A2001) Note: For desktop computer.	930.56	111.49
23 09 23 00-0130	EA	Serial LonTalk Card For LonWorks Bus And A PC (Honeywell Q7752B2009) Note: For laptop computer.	799.36	74.32
23 09 23 00-0131	EA	FTT-10 To FTT-10 Router (Honeywell Q7751A2010)	1,029.56	139.39
23 09 23 00-0132	EA	4FTT-10 To TP/FTT-1250 Multi Port Router (Honeywell Q7751J2002)	1,536.66	201.34
23 09 23 00-0133	EA	Two Way Lon Repeater (Honeywell Q7740A1008)	830.02	201.34
23 09 23 00-0134	EA	FTT Termination Module For Network Bus (Honeywell 209541B)	66.63	24.78
23 09 23 00-0135		**DDC Application Specific Controller Assemblies** *(23 09 23 00-0106)* Note: Includes submittal generation, installation, field test, checkout and start-up. Includes control enclosure, transformer, terminal strip and ancillary devices. (For example, fan coil unit include valves, actuators with controller and thermostat; VAVs include controller, thermostat and hot water valve if VAV has reheat coil). Excludes graphics and database generation. Excludes discharge air sensor.		
23 09 23 00-0136	EA	Up To 10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	1,596.43	576.01
23 09 23 00-0137	EA	>10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	1,286.75	341.06
23 09 23 00-0138	EA	Up To 10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	1,726.50	576.01
23 09 23 00-0139	EA	>10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	1,416.82	374.92
23 09 23 00-0140	EA	Up To 10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	1,894.39	641.08
23 09 23 00-0141	EA	>10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	1,662.09	480.63
23 09 23 00-0142	EA	Up To 10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	2,349.59	641.08
23 09 23 00-0143	EA	>10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	2,024.46	490.54
23 09 23 00-0144	EA	Up To 10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	1,435.56	641.08
23 09 23 00-0145	EA	>10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	1,125.88	379.05
23 09 23 00-0146	EA	Up To 10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	1,605.93	641.08
23 09 23 00-0147	EA	>10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	1,296.17	426.95
23 09 23 00-0148	EA	Up To 10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies	1,854.02	641.08
23 09 23 00-0149	EA	>10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies	1,538.15	378.23
23 09 23 00-0150	EA	Up To 10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	2,024.39	641.08
23 09 23 00-0151	EA	>10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	1,708.42	426.12
23 09 23 00-0152	EA	Up To 10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	2,292.65	641.08
23 09 23 00-0153	EA	>10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	2,010.88	409.61
23 09 23 00-0154	EA	Up To 10 Field Installed Application Specific Unit Ventilator Controller Assemblies	2,633.39	641.08
23 09 23 00-0155	EA	>10 Field Installed Application Specific Unit Ventilator Controller Assemblies	2,351.54	479.80
23 09 23 00-0156		**DDC Programmable Controller Assemblies** *(23 09 23 00-0106)* Note: Includes installation, field test, checkout and start-up. Includes control enclosure, transformer and terminal strip only. Excludes ancillary devices. Excludes submittal generation/system engineering and database generation. See CSI section 23 09 23 00-0163 for additional components.		
23 09 23 00-0157	EA	3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies	1,654.79	492.43
23 09 23 00-0158	EA	Oversized Enclosure 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies	1,886.20	492.43
23 09 23 00-0159	EA	6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	2,475.70	579.15
23 09 23 00-0160	EA	Oversized Enclosure 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	2,707.11	579.15
23 09 23 00-0161	EA	10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies	4,372.81	678.25
23 09 23 00-0162	EA	Oversized Enclosure 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies	4,640.32	678.25

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 09 23 00-0163 EMCS Optional DDC Controller Hardware *(23 09 23 00-0106)*

Note: Used to expand the capacity of DDC programmable controller assemblies.

23 09 23 00-0164	EA	6 DO (Repay), 3 AI, 3 DI AHU Controller (Honeywell W7750A2005) Note: For constant volume single zone and heat pump AHUs.	278.26
23 09 23 00-0165	EA	6 AI, 5 DI, 8 DO (Triac) AHU Controller (Honeywell W7750B2011) Note: For constant volume single zone and heat pump AHUs.	321.59
23 09 23 00-0166	EA	3 AO, 6 AI, 5 DI, 5 DO (Triac) AHU Controller (Honeywell W7750C2001) Note: For constant volume single zone and heat pump AHUs.	336.84
23 09 23 00-0167	EA	VAV Controller Compatible Printed Wiring Board (Honeywell W7751B2010)	317.93
23 09 23 00-0168	EA	VAV Controller With Internally Wired Subbase (Honeywell W7751D2016)	322.81
23 09 23 00-0169	EA	VAV Controller With Externally Wired Subbase (Honeywell W7751F2011)	315.49
23 09 23 00-0170	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751H2025)	271.55
23 09 23 00-0171	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751J2004)	236.16
23 09 23 00-0172	EA	Fan Coil Unit Controller With Electric Reheat Relay (Honeywell W7752F2002)	346.00
23 09 23 00-0173	EA	Fan Coil Unit Controller Without Electric Reheat Relay (Honeywell W7752G2000)	309.38
23 09 23 00-0174	EA	Unit Ventilator Controller With Heating, Cooling, Actuator And Fan Control (Honeywell W7753A2002)	341.73
23 09 23 00-0175	EA	Building Manager, Monitor And Control HVAC Equipment (Honeywell W7760A2011)	725.56
23 09 23 00-0176	EA	Plant Controller, Monitor And Control HVAC Equipment (Honeywell W7760C2017)	902.52
23 09 23 00-0177	EA	Remote IO Device For Ancillary Point Monitoring And Control (Honeywell W7761A2002)	450.96
23 09 23 00-0178	EA	Remote IO, UUKL-UL 864 Approved (Honeywell W7761A2010)	444.24
23 09 23 00-0179	EA	Hydronic Controller Without Wall Module (Honeywell W7762B1027)	217.85
23 09 23 00-0180	EA	Hydronic Controller With Built-in Wall Module (Honeywell W7763C1016)	247.75
23 09 23 00-0181	EA	IO Module, 24 VAC Without Overrides (Honeywell XFC3A06001)	457.67
23 09 23 00-0182	EA	IO Module, 24 VAC With Overrides (Honeywell XFC3D06001)	489.40
23 09 23 00-0183	EA	AI Module (Honeywell XFL521B)	306.33
23 09 23 00-0184	EA	AO Module (Honeywell XFL522B)	306.33
23 09 23 00-0185	EA	DI Module (Honeywell XFL523B)	306.33
23 09 23 00-0186	EA	DO Module (Honeywell XFL524B)	306.33
23 09 23 00-0187	EA	Distributed IO, Lonwork Bus Connector Module With Endplate (Honeywell XSL511)	54.31
23 09 23 00-0188	EA	Distributed IO, Terminal Block For AI, AO And DI Modules (Honeywell XSL513)	102.52
23 09 23 00-0189	EA	Distributed IO, Terminal Block For DO Modules (Honeywell XSL514)	100.69
23 09 23 00-0190	EA	Lon Analog IO Module, 24V AC/DC, 10 Digital Inputs (Honeywell XIO-10DI)	308.16
23 09 23 00-0191	EA	Lon Hub (Honeywell XIO-HUB)	45.77
23 09 23 00-0192	EA	Lon Analog IO, 24V AC/DC, 4 Analog Outputs (Honeywell XIO-4AO)	308.16
23 09 23 00-0193	EA	Lon Digital IO, 24V AC/DC, 4 Digital Inputs (Honeywell XIO-4DI)	283.75
23 09 23 00-0194	EA	Lon Digital IO, 24V AC/DC, 4 Digital Outputs (Honeywell XIO-4DO)	283.75
23 09 23 00-0195	EA	Lon Analog IO, 24V AC/DC, 4 Analog Inputs (Honeywell XIO-4NTC)	299.01
23 09 23 00-0196	EA	Lon Analog IO, 24V AC/DC, 4 Analog PT1000 Inputs (Honeywell XIO-4PT1000)	299.01
23 09 23 00-0197	EA	Lon Analog IO, 24V AC/DC, 8 Analog Inputs (Honeywell XIO-8AI)	430.21
23 09 23 00-0198	EA	16 Point IO Module For Network Area Controllers (Honeywell WEB-IO-16) Note: Includes 8 universal inputs, 4 relay outputs, and 4 analog outputs.	507.71
23 09 23 00-0199	EA	34 Point IO Module For Network Area Controllers (Honeywell W7750A2005) Note: Includes 16 universal inputs, 10 relay outputs, and 8 analog outputs.	1,078.88

23 09 23 00-0200 EMCS Software *(23 09 23 00-0105)*

23 09 23 00-0201 Software Packages And License *(23 09 23 00-0200)*

Note: Includes installation on equipment.

23 09 23 00-0202	EA	On Board Programming Tool For Network Area Controllers (Honeywell WP-AX-WEB) Note: Requires UI services to be installed on NAC.	344.17
23 09 23 00-0203	EA	Software Upgrade To Provide Unrestricted Connected Device Limit (Honeywell WEB-403-EXUP-AX) Note: Upgrade existing network area controller. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	1,360.77
23 09 23 00-0204	EA	WEBStation-AX Software For Windows (Honeywell WEB-S-AX) Note: Includes Archon database. WEBs controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes one copy of WP-AX (WEBPro-AX).	3,844.42
23 09 23 00-0205	EA	Small Building WEBStation-AX Based Software (Honeywell WEB-S-AX-SBS) Note: For up to 3 NAC controllers. NAC controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes Archon database.	2,288.34
23 09 23 00-0206	EA	Upgrade Small Building To Large Building Software Note: Upgrade WEB-S-AX-SBS to WEB-S-AX.	2,642.24
23 09 23 00-0207	EA	Additional Copy Of WEBPro-AX (Honeywell WEB-S-AX-W) Note: One copy is included with WEB-S-AX and WEBStation-AX.	1,880.37
23 09 23 00-0208	EA	WEBs Energy Suite (WES) Base Software (Honeywell WES-BASE-AX) Note: Includes license for 10 points of E^2 Profiler and 2 licensed meters of Cost Profiler. Limit of one WES-BASE per WEBStation-AX Supervisor. Additional E^2 Profiler point requirements or Cost Profiler meter requirements may use one or any combination of point/meter bundles. One WES-BASE required per WES project.	3,311.34
23 09 23 00-0209	EA	Perpetual License One Meter Point Bundle Of A Cost Profiler Meter And Two E^2 Profiler Points (Honeywell WES-CP-AX) Note: Can be combined with the required single instance of VES-BASE as well as with any combination of other EP points and CP meters.	476.85
23 09 23 00-0210	EA	Perpetual License For One Point Of E^2 Profiler (Honeywell WES-E2-AX) Note: Can be combined with the required single instance of VES-BASE as well as with any number of other EP Points and Cost Profiler meters.	333.45
23 09 23 00-0211	EA	Perpetual License For An Unlimited Bundle Of E2 Points And CP Meters Note: Sold on a per server basis. Purchase of this product must be accompanied by VES-M1-ENT-AX maintenance. The first year price of maintenance is included with VES-ENT-AX.	17,715.09
23 09 23 00-0212	EA	Annual Maintenance For Enterprise WEBs-AX Energy Suite (Honeywell WES-M1-ENT-AX) Note: The first year cost of VES-M1-ENT-AX is included with VES-ENT-AX. After the first year VES-M1-ENT-AX maintenance fee will be invoiced annually.	16,175.53
23 09 23 00-0213	EA	Standard WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX)	6,130.32
23 09 23 00-0214	EA	Small WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX-SBS)	4,574.25
23 09 23 00-0215	EA	Add 500 Modbus TCP Points To WEBStation With WS-OSD Option (Honeywell WS-MTCP-500)	1,322.36
23 09 23 00-0216	EA	Add 500 OPC Points To WEBStation With WS-OSD Option (Honeywell WS-OPC-500)	1,322.36
23 09 23 00-0217	EA	Vykon Oracle Driver For Support Of Oracle Database (Honeywell WS-ORCL) Note: Excludes Oracle.	9,153.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0218	EA	Open System Driver Option (Honeywell WS-SNMP-500) Note: Adds 25 points each of BACnet IP, OPC (client), Modbus TCP and SNMP to a standard WEBStation. Can be purchase with the WS or added later. Web Supervisor required to purchase this option.	1,220.45	
23 09 23 00-0219	EA	Add 500 SNMP Points To WEBStation With WS-OSD Option (Honeywell WS-SNMP-500)	1,322.36	
23 09 23 00-0220	EA	WEBStation Software WS-1 And First Copy Of WEBPro Software (Honeywell ZW2000A1003) Note: For a single Honeywell WEB NP controller. Excludes software keys for the additional nodes.	3,458.15	
23 09 23 00-0221	EA	WEBStation Additional Node (Honeywell ZW2000B1002)	1,322.36	
23 09 23 00-0222	EA	WEBStation Software And 20 Pack Of Node Software Keys (Honeywell ZW2000C1001)	22,171.92	
23 09 23 00-0223	EA	WEBStation Software And 50 Pack Of Node Software Keys (Honeywell ZW2000D1000)	40,681.87	
23 09 23 00-0224	EA	WEBStation Software And 100 Pack Of Node Software Keys (Honeywell ZW2000E1009)	71,193.12	
23 09 23 00-0225	EA	Master WEBStation Software For Monitoring Multiple WEBStations (Honeywell ZW2000F1008)	3,661.35	
23 09 23 00-0226	EA	Additional Master WEBStation Software Licenses (Honeywell ZW200G1007)	1,830.68	
23 09 23 00-0227	EA	Additional Copies Of Workplace Pro WP-1 (Web Pro) (Honeywell ZW2001A1001)	1,504.47	
23 09 23 00-0228	EA	Upgrade Existing NAC To Provide Unrestricted Connected Device Limit (Honeywell WC2003B1055) Note: As with other WEBs, capacity is limited by the characteristics of the application including size and complexity.	1,635.37	
23 09 23 00-0229		**Initial Database Generation** *(23 09 23 00-0200)*		
23 09 23 00-0230	PNT	Database Generation For Central Plant	55.42	
23 09 23 00-0231	PNT	Database Generation For Programmable Controller Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	55.42	
23 09 23 00-0232	EA	Database Generation For Application Specific Controller Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	55.42	
23 09 23 00-0233	EA	Replication Of Database Generation For Application Specific Controller Note: Price per copy made.	38.57	
23 09 23 00-0234	EA	Database Generation For Remote IO Modules, Sensors, Etcetera	38.57	
23 09 23 00-0235		**Application Software Programs** *(23 09 23 00-0200)*		
23 09 23 00-0236	EA	Basic Application Program Package Note: One per project. Includes program inputs, command priorities, alarms, trends for analog and digital points, energy totalization, schedules, calendars, special events, occupied and unoccupied setpoints, ventilation and recirculation modes, hot water reset program, chilled water reset program, condenser water reset program, and fail-over logic.	2,312.29	
23 09 23 00-0237	EA	Optimum Start/Stop Program Note: Priced per controller requiring optimum start programming.	77.30	
23 09 23 00-0238	EA	Duty Cycling Program	36.50	
23 09 23 00-0239	EA	Hot Deck/Cold Deck Reset Application Program	3,972.44	
23 09 23 00-0240	EA	Boiler Optimization Program	5,205.64	
23 09 23 00-0241	EA	Chiller Optimization Program	7,051.56	
23 09 23 00-0242	EA	Lighting Control Program	3,402.81	
23 09 23 00-0243	EA	Demand Limiting Program Note: Priced per controller requiring optimum start programming.	67.80	
23 09 23 00-0244	EA	Email Alarm Server Configuration	2,625.13	
23 09 23 00-0245		**Color Graphics Generation** *(23 09 23 00-0200)* Note: Priced per page.		
23 09 23 00-0246	EA	Single Site Home Page Graphics Page With HTML Navigation Code	1,385.57	
23 09 23 00-0247	EA	Multi Site Home Page Graphics Page With HTML Navigation Code	2,460.03	
23 09 23 00-0248	EA	Color Graphics Page For Central Plant	629.53	
23 09 23 00-0249	EA	Color Graphics Page For Building Floor Plan	581.30	
23 09 23 00-0250	EA	Replication Of Color Graphics Page For Central Plant	315.79	
23 09 23 00-0251	EA	Color Graphics Page For Programmable Controller Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	708.23	
23 09 23 00-0252	EA	Replication Of Color Graphics Page For Programmable Controller Note: Priced per copy made.	151.45	
23 09 23 00-0253	EA	Color Graphics Page For Application Specific Controller Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	655.04	
23 09 23 00-0254	EA	Replication Of Color Graphics Page For Application Specific Cont Note: Priced per copy made.	65.49	
23 09 23 00-0255		**Sensors, Actuators And Control Devices** *(23 09 23 00-0105)* Note: Includes installation, startup, checkout and miscellaneous parts for installation. Excludes conduit, wire and cable. Excludes engineering and programming labor. Each device is considered one control point. No engineering or programming time required for replacement parts.		
23 09 23 00-0256		**Special Sensors** *(23 09 23 00-0255)*		
23 09 23 00-0257	EA	Dewpoint Sensor (Honeywell C7232B1014)	1,130.79	51.12
23 09 23 00-0258	EA	Enthalpy Sensor -25 To 125 F	1,177.94	51.12
23 09 23 00-0259	EA	Outdoor Mounted Temperature And Humidity Transmitter (Honeywell H7635C1002)	591.25	102.24
23 09 23 00-0260	EA	Freezestat (Honeywell L482A1004)	420.59	170.37
23 09 23 00-0261	EA	Wall Mounted Occupancy Sensor	286.65	51.12
23 09 23 00-0262	EA	Ceiling Mounted Occupancy Sensor	234.67	51.12
23 09 23 00-0263	EA	I/P Positioner With Gauge	275.32	51.12
23 09 23 00-0264	EA	Non Communicating Duct Mounted Smoke Detector With Sampling Tube	330.40	51.12
23 09 23 00-0265	EA	EP Transducer	275.32	34.10
23 09 23 00-0266	EA	Electric Heat Sequencer	443.61	68.13
23 09 23 00-0267		**Meters** *(23 09 23 00-0255)*		
23 09 23 00-0268	EA	KW/KWh Meter/Current Transformer 208-480V, Up To 2400 Amps	2,801.68	408.78
23 09 23 00-0269	EA	KW/KWh Meter/Current Transformer 208-480V, Up To 2400 Amps With LON interface	4,105.72	476.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0270	EA	Current Transformer For KW Meter 1-300A	1,015.04	170.37
23 09 23 00-0271	EA	Current Transformer For KW Meter 300-800A	1,136.53	170.37
23 09 23 00-0272	EA	Current Transformer For KW Meter 800-2400A	1,369.52	170.37
23 09 23 00-0273		**Direct Coupled Actuators** *(23 09 23 00-0255)*		
23 09 23 00-0274	EA	44 IN-LB, 2 Position, 120 VAC Spring Return Direct Coupled Damper Actuator (Honeywell MS4105A1002)	386.21	68.49
23 09 23 00-0275	EA	88 IN-LB, 2 Position, 120 VAC Spring Return Direct Coupled Damper Actuator (Honeywell MS4110A1200)	420.44	68.49
23 09 23 00-0276	EA	175 IN-LB, 2 Position, 120 VAC Spring Return Direct Coupled Damper Actuator (Honeywell MS4120A1209)	479.29	68.49
23 09 23 00-0277	EA	44 IN-LB, 2 Position, 24 VAC Spring Return Direct Coupled Damper Actuator (Honeywell MS8105A1008)	366.18	68.49
23 09 23 00-0278	EA	88 IN-LB, 2 Position, 24 VAC Spring Return Direct Coupled Damper Actuator (Honeywell MS8110A1206)	402.99	68.49
23 09 23 00-0279	EA	175 IN-LB, 2 Position, 24 VAC Spring Return Direct Coupled Damper Actuator (Honeywell MS8120A1205)	439.44	68.49
23 09 23 00-0280	EA	44 IN-LB, 24 VAC, 4-20mA, 0-10 VDC Or Floating Control, Spring Return Direct Coupled Damper Actuator	405.01	68.49
23 09 23 00-0281	EA	88 IN-LB, 24 VAC, 4-20mA, 0-10 VDC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7510A2206)	457.49	68.49
23 09 23 00-0282	EA	175 IN-LB, 24 VAC, 4-20mA, 0-10 VDC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7520A2205)	514.15	68.49
23 09 23 00-0283	EA	44 IN-LB, 24 VAC, 4-20mA, 0-10 VDC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7505A2209)	338.88	68.49
23 09 23 00-0284	EA	88 IN-LB, 24 VAC, 4-20mA, 0-10 VDC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7510A2209)	366.83	68.49
23 09 23 00-0285	EA	175 IN-LB, 24 VAC, 4-20mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6120A1200)	422.97	68.49
23 09 23 00-0286	EA	175 IN-LB, 24 VAC, 4-20mA, 0-10 VDC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7220A2007)	449.40	68.49
23 09 23 00-0287	EA	300 IN-LB, 24 VAC, 4-20mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6134A10030)	449.07	68.49
23 09 23 00-0288	EA	300 IN-LB, 24 VAC, 4-20mA, 0-10 VDC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7234A2008)	521.55	68.49
23 09 23 00-0289	EA	Pneumatic Spring Return Damper Actuator Without Positive Positioner (Honeywell MP909E1018)	350.33	68.49
23 09 23 00-0290	EA	Pneumatic Spring Return Damper Actuator With Positive Positioner (Honeywell MP909H1368)	595.44	68.49
23 09 23 00-0291	EA	Foot Mount Kit With Damper Linkage And Connectors For Direct Coupled Actuator	269.62	68.49
23 09 23 00-0292	EA	Direct Coupled Damper Actuator Enclosure For Outdoor Use	401.23	68.49
23 09 23 00-0293		**Thermostats** *(23 09 23 00-0105)*		
23 09 23 00-0294		**Electric And Electronic Thermostats** *(23 09 23 00-0293)* Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as one control point.		
23 09 23 00-0295	EA	Line Voltage 120V Heat/Cool Thermostat (Honeywell T651A3018)	153.43	61.93
23 09 23 00-0296	EA	Electronic Non Programmable Heat/Cool Fan Coil Unit Thermostat (Honeywell T8575D)	174.64	61.93
23 09 23 00-0297	EA	Electronic Non Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell TH5320)	158.28	61.93
23 09 23 00-0298	EA	Electronic Programmable Heating/Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6110)	170.77	61.93
23 09 23 00-0299	EA	Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH8321)	273.32	61.93
23 09 23 00-0300	EA	Humidity Control Electronic Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350D)	444.52	61.93
23 09 23 00-0301	EA	Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350H)	549.09	82.58
23 09 23 00-0302	EA	Modulating Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350M)	580.21	82.58
23 09 23 00-0303		**Pneumatic Thermostats** *(23 09 23 00-0293)* Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as two control point.		
23 09 23 00-0304	EA	Pneumatic Thermostat (Honeywell TP970B2182)	204.12	49.55
23 09 23 00-0305		**Thermostats Guards** *(23 09 23 00-0293)*		
23 09 23 00-0306	EA	9-3/4" x 7-1/4" x 3-3/8" Universal Thermostat Guard (Honeywell TG512A1009)	119.25	41.29
23 09 23 00-0307	EA	7-1/2" x 6-1/2" x 2-15/16" Universal Thermostat Guard (Honeywell TG511)	114.96	41.29
23 09 23 00-0308	EA	5-7/8" x 5-7/8" x 2-1/2" Deep Universal Thermostat Guard (Honeywell TG510)	112.08	41.29
23 09 23 00-0309		**Delta Controls** *(23 09 23)*		
23 09 23 00-0310		**Software** *(23 09 23 00-0309)* Note: Excludes programming, set-up and commissioning of application.		
23 09 23 00-0311	EA	Orca Software Unlimited Points License (Delta Controls DOW333-USB)	1,271.71	
23 09 23 00-0312	EA	Orca Graphics Module, Delta Controls Orca View With Graphics Creation Capabilities (Delta Controls DOW333-I-USB)	2,028.42	
23 09 23 00-0313	EA	Orca Historical Module, Delta Controls Historian Package With Unlimited Archiving Trend Logs (Delta Controls DHS330-HL-USB)	4,394.91	
23 09 23 00-0314	EA	Web Server Unlimited Points License, Delta Controls Web Server Front End (Delta Controls DWS330-L-USB)	7,018.90	
23 09 23 00-0315	EA	Web Server Limited Points (Maximum I/O 2500) License, Delta Controls Web Server Front End (Delta Controls DWS330-M-USB)	3,638.20	
23 09 23 00-0316	EA	Web Server Limited Points (Maximum I/O 250) License, Delta Controls Web Server Front End (Delta Controls DWS330-S-USB)	1,271.71	
23 09 23 00-0317	EA	100 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.01)	2,962.06	
23 09 23 00-0318	EA	1000 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.02)	3,638.20	
23 09 23 00-0319	EA	KW Meter With H8163-2400-4-3 Series, With 3, 2400A CT's And BACnet MS/TP Interface (Delta Controls H8186-CB)	1,351.30	82.58
23 09 23 00-0320	EA	Delta Controls Touch Screen (Delta Controls DHMI-7-I)	1,385.31	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0321		**EMCS Central Equipment And Controllers** *(23 09 23 00-0309)*		
23 09 23 00-0322	EA	Fully Programmable, Native BACnet Building Controller, 32 Universal Inputs/32 Analog Or Binary Outputs HOA's, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), SubLAN (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet @ 76800 bps, Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E + DFM1616)	5,064.90	330.33
23 09 23 00-0323	EA	Fully Programmable, Native BACnet Building Controller, 16 Universal Inputs/16 Analog Or Binary Outputs HOA'S, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), Sublan (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet @ 76800 Bps (Maximum 12 Devices On LINKnet, With 2 DFM Devices) Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E)	3,983.08	330.33
23 09 23 00-0324	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	3,082.12	330.33
23 09 23 00-0325	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 8 Analog Or Binary Outputs (Delta Controls DAC-1180)	3,082.12	330.33
23 09 23 00-0326	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	3,082.12	330.33
23 09 23 00-0327	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	2,917.36	330.33
23 09 23 00-0328	EA	VAV Controllers Are Native BACnet Application Controllers That Are Fully Programmable, Communicate On A RS-485 LAN Using The MS/TP BACnet Protocol, 3 Universal Inputs, 4 Binary Outputs, Actuator Position Feedback, Supports 4 BACstat Network Sensors On LINKnet For Room Sensing And Control Or 2 Delta Field Modules On LINKnet For I/O Expansion (Delta Controls DVC-304AF)	959.85	165.17
23 09 23 00-0329	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 VAC), 3 Binary Relay Outputs For Fan Speed Control, 240 VAC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	887.17	165.17
23 09 23 00-0330	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	935.39	165.17
23 09 23 00-0331	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 VAC), 3 Binary Relay Outputs For Fan Speed Control, 240 VAC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	887.17	165.17
23 09 23 00-0332	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 16 Universal Inputs, 16 Analog Outputs (Delta Controls DFM-1616)	1,907.65	206.46
23 09 23 00-0333	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 4 Universal Inputs, 4 Analog Outputs (Delta Controls DFM-440)	507.56	82.58
23 09 23 00-0334	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 4 Universal Inputs, 4 Binary Triac Outputs (Delta Controls DFM-404)	538.21	82.58
23 09 23 00-0335	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 16 Universal Inputs (Delta Controls DFM-1600)	617.69	82.58
23 09 23 00-0336		**Network, VAV And Special Sensors** *(23 09 23 00-0309)*		
23 09 23 00-0337	EA	BACnet MS/TP VAV Network Room Temperature Sensor With LCD Display (Delta Controls DNS-24)	157.30	26.42
23 09 23 00-0338	EA	BACnet MS/TP VAV Network Temperature And Humidity Sensor With LCD Display (Delta Controls DNS-H24)	209.55	29.73
23 09 23 00-0339	EA	Programmable BACnet MS/TP Thermostat With 8 Button Keypad And LCD Display For DX Unit, Fan Coils And RTU (Delta Controls DAC-T305-G2B)	416.74	36.33
23 09 23 00-0340		**Trane Controls** *(23 09 23)*		
23 09 23 00-0341		**Software** *(23 09 23 00-0340)*		
		Note: Excludes programming, set-up and commissioning of application.		
23 09 23 00-0342	EA	Summit + Building Management Package (Trane 40201152)	1,973.60	
23 09 23 00-0343	EA	Summit Current Version Software (Trane 40201111)	1,641.11	
23 09 23 00-0344	EA	Summit Customer Upgrade Package, Currently V10-V16 To V17 (Trane 40201113)	367.99	
23 09 23 00-0345	EA	Rover Service Software And Hardware, Complete Kit (Trane X1365150001)	1,493.60	
23 09 23 00-0346	EA	Tracer SC With -X1365152401 - BACnet (2 Pack) (Trane BMSC000AAA011000)	5,051.61	
23 09 23 00-0347		**EMCS Central Equipment And Controllers** *(23 09 23 00-0340)*		
23 09 23 00-0348	EA	Summit BTMX Operator Display Upgrade (Trane 40201224)	3,547.02	330.33
23 09 23 00-0349	EA	Summit BTMX Retrofit Kit For BMTS And BMTW BCU (Trane 49500531)	6,532.35	330.33
23 09 23 00-0350	EA	Summit BTMX Retrofit Kit For Tracer 100 (Trane 49500532)	6,532.35	330.33
23 09 23 00-0351	EA	Summit BTMX/120V (Trane BMTX-001-A-A-B0-00)	6,532.35	330.33
23 09 23 00-0352	EA	Summit BTMX/120V With Display (Trane BMTX-001-A-A-B0-10)	7,436.74	330.33
23 09 23 00-0353	EA	Summit CCP Upgrade ROM Kit (Trane 40201095)	87.31	20.64
23 09 23 00-0354	EA	Summit Comm5 Repeater (Trane 49500457)	966.33	165.17
23 09 23 00-0355	EA	AHU Controller MP580/581 E Board Only (Trane 40201157)	1,523.55	206.46
23 09 23 00-0356	EA	AHU Controller MP581 120 VAC With Enclosure And Display (Trane BMTM000AAC01)	1,927.33	247.75
23 09 23 00-0357	EA	AHU Controller MP581 120 VAC With Enclosure, No Display (Trane BMTM000AAC00)	1,596.81	247.75
23 09 23 00-0358	EA	AHU Controller MP581 Operator Door Display (Trane 40201156)	1,443.78	247.75
23 09 23 00-0359	EA	AHU Controller MP581 Portable, Rugged, With Case (Trane 49500491)	1,500.57	247.75
23 09 23 00-0360	EA	Controller MP503 I/O Module With Metal Enclosure (Trane 49500590)	589.46	82.58
23 09 23 00-0361	EA	Controller MP503 I/O Module With Plastic Cover (Trane 49500490)	548.44	82.58
23 09 23 00-0362	EA	Controller MP581 EX2 Expansion Module With Metal Enclosure (Trane 49500500)	1,014.45	165.17
23 09 23 00-0363	EA	Controller MP581 EX2 Expansion Module With Plastic Cover (Trane 49500499)	980.53	165.17
23 09 23 00-0364	EA	2 Position, FCU Controller ZN511 Zone With Metal Enclosure (Trane 49500569)	533.06	82.58
23 09 23 00-0365	EA	2 Position, FCU Controller ZN511 Zone With Plastic Cover (Trane 4950-0469)	492.04	82.58
23 09 23 00-0366	EA	4 Position, FCU Controller ZN517 Zone With Metal Enclosure (Trane 49500596)	600.90	82.58
23 09 23 00-0367	EA	4 Position, FCU Controller ZN517 Zone With Plastic Cover (Trane 49500496)	559.88	82.58
23 09 23 00-0368	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 4950049)	559.88	82.58
23 09 23 00-0369	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 49500496)	559.88	82.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0370	EA	Modulating Tri ST FCU Controller ZN521 Zone With Metal Cover (Trane 49500570)	589.07	82.58
23 09 23 00-0371	EA	Modulating Tri ST FCU Controller ZN521 Zone With Plastic Cover (Trane 49500470)	548.05	82.58
23 09 23 00-0372	EA	DDC VAV Retrofit Kit (Trane VRTODD01)	990.00	165.17
23 09 23 00-0373	EA	DDC VAV Retrofit Kit With Belimo Actuator (Trane VRTODD01BLMO)	1,029.44	165.17
23 09 23 00-0374		**Network, VAV And Special Sensors** *(23 09 23 00-0340)*		
23 09 23 00-0375	EA	Digital Display Zone Sensor (Trane X13790464010)	123.65	26.42
23 09 23 00-0376	EA	Single Setpoint Wall Mounted Zone Temperature Sensor (Trane X13511529010)	90.92	26.42
23 09 23 00-0377	EA	Wall Mounted Zone Temperature-Only Sensor (Trane X13511528010)	85.40	26.42
23 09 23 00-0378	EA	Ceiling Mount Zone Occupancy Sensor (Trane X13790421-01)	149.65	29.73
23 09 23 00-0379	EA	Zone LCD O/C Setpoint, 3 Speed Fan (Trane 41901121)	148.90	26.42
23 09 23 00-0380	EA	Zone Sensor LCD O/C Setpoint (Trane 41901120)	134.30	26.42
23 09 23 00-0381	EA	Duct CO2 Sensor, 0 To 2000 ppm (Trane X13790423010)	454.95	47.57
23 09 23 00-0382	EA	Room CO2 Sensor, 0 To 2000 ppm (Trane X13790422010)	357.94	26.42
23 09 23 00-0383	EA	Transformer 120/24 40 VA (Trane X13550284010)	82.64	26.42
23 09 23 00-0384	EA	Transformer 24 VAC Wall Plug-In (Trane 35803005)	80.27	26.42
23 09 23 00-0385	EA	Transformer UL Listed 120 VAC, 40 VA (Trane 35812022)	77.11	26.42
23 09 23 00-0386		**Johnson Controls** *(23 09 23)*		
23 09 23 00-0387		**Software** *(23 09 23 00-0386)*		
		Note: Excludes programming, set-up and commissioning of application.		
23 09 23 00-0388	EA	5 Concurrent User Application And Data Server (Johnson Controls MS-ADS05U-0)	9,868.22	
23 09 23 00-0389	EA	10 Concurrent User External Application And Data Server (Johnson Controls MS-ADX10U-0)	11,658.97	
23 09 23 00-0390	EA	N2 Controllers Commissioning And Download Software (Johnson Controls MW-MTOOL-0)	636.12	
23 09 23 00-0391	EA	N2 Controllers Download Cable Kit (Johnson Controls AS-CBLPRO-2)	931.24	
23 09 23 00-0392	EA	BACnet FEU Controllers Commissioning And Download Software (Johnson Controls MS-CCTSWO-0)	1,600.72	
23 09 23 00-0393	EA	BACnet Controllers Download Bluetooth Converter (Johnson Controls MS-BTCVT-0)	641.12	
23 09 23 00-0394		**Supervisory Controllers** *(23 09 23 00-0386)*		
23 09 23 00-0395	EA	NAE With 1 RS-485, Support For 50 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE3510-2)	4,952.75	330.33
23 09 23 00-0396	EA	NAE With 1 RS-485, Support For 100 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE4511-2)	7,314.44	330.33
23 09 23 00-0397	EA	NAE With 2 RS-485, Support For 200 Devices (N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE5511-1)	9,681.37	330.33
23 09 23 00-0398	EA	NCE, 33 Points, Network Control Engine, 32 N2 Device Support Supervisory Controllers (Johnson Controls MS-NCE2510-0)	4,043.04	330.33
23 09 23 00-0399		**Controllers** *(23 09 23 00-0386)*		
23 09 23 00-0400	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 VAC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-FEU1610-0)	581.30	82.58
23 09 23 00-0401	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 VAC And Sensor Actuator Bus, Mounting Base And Integral Display (Johnson Controls MS-FEU1620-0)	738.77	165.17
23 09 23 00-0402	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 VAC, Sensor Actuator Bus And Mounting Base (Johnson Controls MS-FEU2610-0)	1,022.06	165.17
23 09 23 00-0403	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 VAC, Sensor Actuator Bus And Integral Display (Johnson Controls MS-FEU2620-0)	1,179.53	165.17
23 09 23 00-0404	EA	BACnet MS/TP 4-Point I/O Module With 4 BI, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM1710-0)	490.95	82.58
23 09 23 00-0405	EA	BACnet MS/TP 6 Point I/O Module With 2 UI, 2 UO, 2 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM2710-0)	531.11	82.58
23 09 23 00-0406	EA	BACnet MS/TP 12 Point I/O Module with 4 UI, 4 UO, 4 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM3710-0)	591.34	82.58
23 09 23 00-0407	EA	17 Point I/O Module with 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 VAC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-IOU4710-0)	599.37	82.58
23 09 23 00-0408	EA	BACnet MS/TP Integrated VAV Controller/Actuator/Pressure Sensor (Cooling Only), Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1610-0)	576.17	82.58
23 09 23 00-0409	EA	BACnet MS/TP Integrated VAV Controller/Actuator/Pressure Sensor (With Reheat And Fan Control), Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1620-0)	599.57	82.58
23 09 23 00-0410	EA	BACnet MS/TP Rooftop Controller For Stand-Alone And Networked Zoning Systems (Johnson Controls TEC2664Z-2)	1,220.51	165.17
23 09 23 00-0411		**VAV, Network And Special Sensors** *(23 09 23 00-0386)*		
23 09 23 00-0412	EA	3" x 4-1/2", Surface Or Box Mounted, LCD RH Display, 3% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHR7001-0)	316.32	26.42
23 09 23 00-0413	EA	3" x 4-1/2", Surface Or Box Mounted, Addressing Switch BACnet Temperature Sensor (Johnson Controls NS-BTN7003-0)	117.20	26.42
23 09 23 00-0414	EA	3" x 4-1/2", Surface Or Box Mounted, 3% RH Accuracy, BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHN7001-0)	248.67	26.42
23 09 23 00-0415	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, 2% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint Addressing Switch BACnet Temperature And Humidity Sensor (Johnson Controls NS-BPB7003-0)	363.49	26.42
23 09 23 00-0416	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, Occupancy Override, Adjustable Temperature Setpoint, BACnet Temperature Sensor (Johnson Controls NS-BTB7001-0)	132.10	26.42
23 09 23 00-0417	EA	3" x 4-1/2", Surface Or Box Mounted CO2 Sensor, 0 To 2000 ppm (Johnson Controls NS-BCN7004-0)	331.12	26.42
23 09 23 00-0418		**Sensors - Hard Wired Type** *(23 09 23 00-0386)*		
23 09 23 00-0419	EA	Duct Mount Temperature Sensor, Platinum RT, With Handi-Box (Johnson Controls TFDCR00)	127.90	47.57
23 09 23 00-0420	EA	Well Insertion Temperature Sensor, With Stainless 4-1/2" Well (Johnson Controls TIGB1C0)	100.15	26.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0421	EA	BACnet MS/TP Networked, Single Stage Thermostat (Johnson Controls TEC2601-2) Note: For fan coil units, unit heaters and single stage packaged heating/cooling equipment.	249.99	26.42
23 09 23 00-0422	EA	BACnet MS/TP Networked Two Outputs, Dehumidification Capability And Three Speed Fan Control Thermostat (Johnson Controls TEC2616-2) Note: For two or four pipe fan coils, cabinet unit heaters or other equipment using on/off, floating, or proportional 0 to 10 VDC control input, three speeds of fan control, and dehumidification capability.	332.40	26.42
23 09 23 00-0423	EA	BACnet MS/TP Networked Thermostats With Two Outputs (Johnson Controls TEC2627VVT-2) Note: For VVT systems.	250.44	26.42
23 09 23 00-0424	EA	BACnet MS/TP Zone Controller For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2)	323.76	26.42
23 09 23 00-0425	EA	BACnet Zone Controller With Occupancy Sensor For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2+PIR)	395.08	26.42

23 09 23 00-0426 Johnson Controls (EMCS) *(23 09 23)*

23 09 23 00-0427 EMCS General Costs (EMCS) *(23 09 23 00-0426)*

Note: The following labor values are used for all Johnson EMCS Control projects. A point is defined as any transmitter, switch, actuator, relay, sensor or device that is monitored or controlled by the EMCS. Most devices count as 1 point. Thermostats, controllers and extension modules count as 2 points. Valve and damper actuators with end switches or position feedback count as 3 points. BTU Meters count as 4 points. All VFD's count as 5 points. A large project is defined as any project with 250+ points. A small project is defined as any project that has less than 250 points.

23 09 23 00-0428	PT	Large Project Labor Cost/ Point: Includes technical labor for project management, subcontract coordination, field team coordination, travel time, hardware engineering, submittal generation, software engineering, device verification, point to point checkout, system commissioning, project support, installation of control devices, conduit and wire. Excludes graphics, 3rd party commissioning, test and balance support, custom integrations, customer training, or any material, tax, freight, and warranty.	540.60	
23 09 23 00-0429	PT	Small Project Labor Cost/ Point: Includes technical labor for project management, subcontract coordination, field team coordination, travel time, hardware engineering, submittal generation, software engineering, device verification, point to point checkout, system commissioning, project support, installation of control devices, conduit and wire. Excludes graphics, 3rd party commissioning, test and balance support, custom integrations, customer training, or any material, tax, freight, and warranty.	810.90	
23 09 23 00-0430	HR	Customer Training Cost/Hour: This labor cost includes preparation, travel time, training time, and basic training materials. The required number of training hours shall be 24 unless the construction documents, general contractor or owner request otherwise	178.98	
23 09 23 00-0431	PT	3rd Party Commissioning Cost/ Point: This labor cost is applicable for projects that require a 3rd party commissioning agent.	94.95	
23 09 23 00-0432	EA	Integration Labor/ System: This unit labor cost is applicable for every piece of equipment, system, or device that is not furnished with either BACnet or N2 communication capability but requires monitoring and/or control through the DDC/EMCS system. This unit labor cost is not applicable for I/O points that can be monitored or controlled through available dry contacts.	5,406.00	
23 09 23 00-0433	EA	Field Test and Balance Support Cost/Controller: This unit cost is applicable for every network area controller and programmable DDC controller on the project. This cost includes supporting as well as purchasing extra commissioning tools for the air and water test and balance contractor as necessary	81.35	
23 09 23 00-0434	EA	Color Graphics for Programmable Controllers: Lump sum for each programmable controller.	620.18	
23 09 23 00-0435	EA	Replication of Color Graphics for Programmable Controllers: This unit cost is applicable when the graphics that were created for one controller can be re-used for another. Common examples include VAV boxes, fan coil units, air handling units and exhaust fans.	132.62	
23 09 23 00-0436	EA	Color Graphics for Building Floor Plan/Floor or Page: Lump sum cost for each floor that requires a graphics page. CAD floor plans and/or pictures shall be provided to the EMCS contractor.	509.03	
23 09 23 00-0437	EA	Color Graphics for Building Homepage: Lump sum cost for each building that requires a graphics page. Pictures shall be provided by others.	1,213.31	
23 09 23 00-0438	EA	Post Warranty/ Project Development Labor	178.98	

23 09 23 00-0439 EMCS Network Area Controllers (BACnet or N2) (EMCS) *(23 09 23 00-0426)*

Note: Includes a 16 in. W x 20 in. H x 6.62 in. D steel enclosure for NAE35XX , NAE45XX, NCM45XX and NCE25XX models. Includes a 20in. W x 24 in. H x 9.25 in. D steel (NEMA 1) enclosure for NAE55XX, NCE2517, NIE55XX models. In addition to the controller, the assembly also contains a 5-port Ethernet switch and a power supply incorporating a 5 A circuit breaker, a 96 VA 120/24 VAC transformer, and two 120 VAC outlets. Includes material only.

23 09 23 00-0440	EA	MS-NAE3510-2 Panel Assembly: Supports one N2 or BACnet MS/TP (RS-485) trunk; includes an additional RS-232-C serial port for optional external modem; supports up to 50 devices on the N2 or BACnet MS/TP trunk	6,961.77	
		Warranty For Every Year Material Warranty Is Required, Add	*313.28*	
23 09 23 00-0441	EA	MS-NAE3510-2U Panel Assembly: Supports one N2 or BACnet MS/TP (RS-485) trunk; includes an additional RS-232-C serial port for 50 devices on the N2 or BACnet MS/TP trunk. optional external modem; supports up to Note: This model is UL Listed, File S4977, UUKL 864 - 9th Edition, Smoke Control Equipment.	6,961.77	
		Warranty For Every Year Material Warranty Is Required, Add	*313.28*	
23 09 23 00-0442	EA	MS-NAE3511-2 Panel Assembly: Supports one N2 or BACnet MS/TP (RS-485) trunk; includes an internal modem; supports up to 50 devices on the N2 or BACnet MS/TP trunk.	7,275.43	
		Warranty For Every Year Material Warranty Is Required, Add	*327.39*	
23 09 23 00-0443	EA	MS-NAE3514-2 Panel Assembly: Supports one N2 or BACnet MS/TP (RS-485) trunk; features Basic Access support; includes an additional RS-232-C serial port for optional external modem; supports up to 50 devices on the N2 or BACnet MS/TP trunk.	5,159.38	
		Warranty For Every Year Material Warranty Is Required, Add	*232.17*	
23 09 23 00-0444	EA	MS-NAE3515-2 Panel Assembly: Supports one N2 or BACnet MS/TP (RS-485) trunk; features Basic Access support; includes an internal modem; supports up to 50 devices on the N2 or BACnet MS/TP trunk.	5,459.75	
		Warranty For Every Year Material Warranty Is Required, Add	*245.69*	
23 09 23 00-0445	EA	MS-NAE4510-2 Panel Assembly: Supports one N2 or BACnet MS/TP (RS-485) trunk; includes an additional RS-232-C serial port for optional external modem; supports up to 100 devices on the N2 or BACnet MS/TP trunk.	12,318.93	
		Warranty For Every Year Material Warranty Is Required, Add	*554.35*	
23 09 23 00-0446	EA	MS-NAE4510-2U Panel Assembly: Supports one N2 or BACnet MS/TP (RS-485) trunk; includes an additional RS-232-C serial port for optional external modem; supports up to 100 devices on the N2 or BACnet MS/TP trunk. Note: This model is UL Listed, File S4977, UUKL 864 - 9th Edition, Smoke Control Equipment.	12,318.93	
		Warranty For Every Year Material Warranty Is Required, Add	*554.35*	
23 09 23 00-0447	EA	MS-NAE4511-2 Panel Assembly: Supports one N2 or BACnet MS/TP (RS-485) trunk; includes an internal modem; supports up to 100 devices on the N2 or BACnet MS/TP trunk.	12,821.06	
		Warranty For Every Year Material Warranty Is Required, Add	*576.95*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0448	EA	MS-NAE5510-1 Panel Assembly: Supports two N2 or two BACnet MS/TP (RS-485) trunks (or one N2 trunk and one BACnet MS/TP trunk).	18,045.98	
		Warranty For Every Year Material Warranty Is Required, Add	*812.07*	
23 09 23 00-0449	EA	MS-NAE5510-1U Panel Assembly: Supports two N2 or two BACnet MS/TP trunks (or one N2 trunk and one BACnet MS/TP trunk). Note: This model is UL Listed, File S4977, UUKL 864 - 9th Edition, Smoke Control Equipment.	18,045.98	
		Warranty For Every Year Material Warranty Is Required, Add	*812.07*	
23 09 23 00-0450	EA	MS-NAE5511-1 Panel Assembly: Supports two N2 or two BACnet MS/TP (RS-485) trunks (or one N2 trunk and one BACnet MS/TP trunk); includes an internal modem.	18,701.93	
		Warranty For Every Year Material Warranty Is Required, Add	*841.59*	
23 09 23 00-0451	EA	MS-NCM4510-2 Panel Assembly: Supports one N2 trunk (RS-485 port). Up to 100 devices (60 to 200 TC-9100s or up to 63 VMAs) are supported on the N2 trunk with the use of a repeater.	15,369.94	
		Warranty For Every Year Material Warranty Is Required, Add	*691.65*	
23 09 23 00-0452	EA	MS-NCE2510-0 Panel Assembly: Supports one N2 Bus trunk with up to 32 N2 devices with display.	5,174.06	
		Warranty For Every Year Material Warranty Is Required, Add	*232.83*	
23 09 23 00-0453	EA	MS-NCE2511-0 Panel Assembly: Supports one N2 Bus trunk with up to 32 N2 devices. Includes an internal modem with display.	5,293.82	
		Warranty For Every Year Material Warranty Is Required, Add	*238.22*	
23 09 23 00-0454	EA	MS-NCE2516-0 Panel Assembly: Supports one N2 Bus trunk with up to 32 N2 devices. Includes integral display screen.	5,058.49	
		Warranty For Every Year Material Warranty Is Required, Add	*227.63*	
23 09 23 00-0455	EA	MS-NCE2517-0 Panel Assembly: Supports one N2 Bus trunk with up to 32 N2 devices. Includes integral display screen and an internal modem.	5,506.11	
		Warranty For Every Year Material Warranty Is Required, Add	*247.77*	
23 09 23 00-0456	EA	MS-NCE2560-0 Panel Assembly: Supports one MS/TP Bus trunk with up to 32 MS/TP devices with display.	5,174.06	
		Warranty For Every Year Material Warranty Is Required, Add	*232.83*	
23 09 23 00-0457	EA	MS-NCE2561-0 Panel Assembly: Supports one MS/TP Bus trunk with up to 32 MS/TP devices. Includes an internal modem with display.	5,293.82	
		Warranty For Every Year Material Warranty Is Required, Add	*238.22*	
23 09 23 00-0458	EA	MS-NCE2566-0 Panel Assembly: Supports one MS/TP Bus trunk with up to 32 MS/TP devices. Includes integral display screen.	5,058.49	
		Warranty For Every Year Material Warranty Is Required, Add	*227.63*	
23 09 23 00-0459	EA	MS-NCE2567-0 Panel Assembly: Supports one MS/TP Bus trunk with up to 32 MS/TP devices. Includes integral display screen and an internal modem.	5,178.24	
		Warranty For Every Year Material Warranty Is Required, Add	*233.02*	
23 09 23 00-0460	EA	MS-NIE5510-1 Panel Assembly: Supports N1 network migrations.	18,045.98	
		Warranty For Every Year Material Warranty Is Required, Add	*812.07*	
23 09 23 00-0461	EA	MS-NIE5511-1 Panel Assembly: Supports N1 network migrations, includes an internal modem	18,701.93	
		Warranty For Every Year Material Warranty Is Required, Add	*841.59*	
23 09 23 00-0462	EA	PHX200: Interface for up to two Phoenix lab/ fume hoods. MIJ not included.	5,162.55	
		Warranty For Every Year Material Warranty Is Required, Add	*232.31*	
23 09 23 00-0463	EA	PHX600: Interface for up to six Phoenix lab/ fume hoods. MIJ not included.	6,734.18	
		Warranty For Every Year Material Warranty Is Required, Add	*303.04*	
23 09 23 00-0464	EA	MS-MIG3520-0: Metasys Integrator 3500 Series: Requires a 24 VAC power supply. Each model includes two RS-232-C serial ports, one Ethernet port, one N2 Bus port, one RS-485 port, and a battery.	8,957.00	
		Warranty For Every Year Material Warranty Is Required, Add	*403.07*	

23 09 23 00-0465 EMCS Network Interfaces (EMCS) *(23 09 23 00-0426)*

Note: Includes material only

23 09 23 00-0466	EA	Laptop Computer:	4,668.55	
		Warranty For Every Year Material Warranty Is Required, Add	*210.08*	
23 09 23 00-0467	EA	Laptop Case:	270.65	
		Warranty For Every Year Material Warranty Is Required, Add	*12.18*	
23 09 23 00-0468	EA	Desktop computer:	3,918.24	
		Warranty For Every Year Material Warranty Is Required, Add	*176.32*	
23 09 23 00-0469	EA	19 Inch Monitor:	637.52	
		Warranty For Every Year Material Warranty Is Required, Add	*28.69*	
23 09 23 00-0470	EA	Alarm Printer: Includes Cable and Paper	1,593.59	
		Warranty For Every Year Material Warranty Is Required, Add	*71.71*	
23 09 23 00-0471	EA	Report Printer: Includes Cable and Paper	1,849.02	
		Warranty For Every Year Material Warranty Is Required, Add	*83.21*	
23 09 23 00-0472	EA	PDA: Used as remote access portal interface	1,135.26	
		Warranty For Every Year Material Warranty Is Required, Add	*51.09*	
23 09 23 00-0473	EA	BC/TV Tool: Wireless Commissioning Converter, with Bluetooth technology.	938.55	
		Warranty For Every Year Material Warranty Is Required, Add	*42.23*	
23 09 23 00-0474	EA	Repeater: Used to increase communication trunk signal. Recommended for each network area controller.	991.04	
		Warranty For Every Year Material Warranty Is Required, Add	*44.60*	
23 09 23 00-0475	EA	CVTPro300: The AS-CVTPROx00-1 Zone Bus/N2 Interface Converter is portable converter designed to provide a communication interface between the room sensors and controllers operating on a Zone Bus or N2 Bus and a Personal Computer (PC) or specified models of the PalmTM family of Personal Digital Assistants (PDAs).	1,240.56	
		Warranty For Every Year Material Warranty Is Required, Add	*55.83*	
23 09 23 00-0476	EA	Zigbee USB Interface	472.27	
		Warranty For Every Year Material Warranty Is Required, Add	*21.25*	

23 09 23 00-0477 DDC Programmable Controllers (EMCS) *(23 09 23 00-0426)*

Note: Includes material only

23 09 23 00-0478	EA	FEC1621 Panel Assembly: BACnet 10-Point Field Equipment Controller with 2 UI, 1 BI, 3 BO, and 4 CO; 24 VAC; SA Bus; Mounting Base; integral Display. Panel assembly includes a 16 in. W x 20 in. H x 6.62 in. D steel enclosure.	2,077.20	
		Warranty For Every Year Material Warranty Is Required, Add	*93.47*	
23 09 23 00-0479	EA	FEC2621 Panel Assembly: BACnet 17-Point Field Equipment Controller with 6 UI, 2 BI, 3 BO, 2 AO and 4 CO; 24 VAC; SA Bus; Integral Display; Mounting Base. Panel assembly includes a 16 in. W x 20 in. H x 6.62 in. D steel enclosure.	2,354.92	
		Warranty For Every Year Material Warranty Is Required, Add	*105.97*	
23 09 23 00-0480	EA	IOM1711 Panel Assembly: BACnet4-Point IOM with 4 BI, FC Bus and SA Bus Support	1,319.38	
		Warranty For Every Year Material Warranty Is Required, Add	*59.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0481	EA	IOM2711 Panel Assembly: BACnet 6-Point IOM with 2 UI, 2 UO, 2 BO, FC Bus, and SA Bus Support	1,415.77	
		Warranty For Every Year Material Warranty Is Required, Add	*63.71*	
23 09 23 00-0482	EA	IOM3711 Panel Assembly: BACnet 12- Point IOM with 4 UI, 4 UO, 4 BO, FC Bus, and SA Bus Support	1,560.39	
		Warranty For Every Year Material Warranty Is Required, Add	*70.22*	
23 09 23 00-0483	EA	IOM4711 Panel Assembly: BACnet 17-Point IOM with 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 VAC, and SA Bus with Mounting Base	1,579.66	
		Warranty For Every Year Material Warranty Is Required, Add	*71.08*	
23 09 23 00-0484	EA	AS-UNT111-1 Panel Assembly: N2 Unitary Controller Spade lug 6 AI, 4 BI, 2 AO, 6 BO 24x24x9.25 TB. Panel assembly includes a 16 in. W x 20 in. H x 6.62 in. D steel enclosure.	2,720.19	
		Warranty For Every Year Material Warranty Is Required, Add	*122.41*	
23 09 23 00-0485	EA	AS-UNT141-1 Panel Assembly: N2 Unitary Controller. Screw terminal 6 AI, 4 BI, 2 AO, 6 BO. Panel assembly includes a 16 in. W x 20 in. H x 6.62 in. D steel enclosure.	2,212.74	
		Warranty For Every Year Material Warranty Is Required, Add	*99.57*	
23 09 23 00-0486	EA	AS-UNT1108-0 Panel Assembly: N2 Unitary Controller. Spade lug 6 AI, 6 BI, 0 AO, 8 BO. Panel assembly includes a 16 in. W x 20 in. H x 6.62 in. D steel enclosure.	2,438.55	
		Warranty For Every Year Material Warranty Is Required, Add	*109.73*	
23 09 23 00-0487	EA	AS-UNT1126-0 Panel Assembly: N2 Unitary Controller. Spade lug 6 AI, 6 BI, 2 AO, 6 BO. Panel assembly includes a 16 in. W x 20 in. H x 6.62 in. D steel enclosure.	2,438.55	
		Warranty For Every Year Material Warranty Is Required, Add	*109.73*	
23 09 23 00-0488	EA	AS-UNT1144-0 Panel Assembly: N2 Unitary Controller. Spade lug 6 AI, 6 BI, 4 AO, 4 BO. Panel assembly includes a 16 in. W x 20 in. H x 6.62 in. D steel enclosure.	2,438.55	
		Warranty For Every Year Material Warranty Is Required, Add	*109.73*	
23 09 23 00-0489	EA	DX9100-8454 Panel Assembly: N2 Extended Digital Plant Controller. 8 AI, 8 BI, 6 AO, 4 BO. Panel assembly includes a 20 in. W x 24 in. H x 6.62 in. D steel enclosure.	5,708.54	
		Warranty For Every Year Material Warranty Is Required, Add	*256.88*	
23 09 23 00-0490	EA	VMA1610: BACnet Variable Air Volume Controller. No Panel Assembly. Integrated VAV Controller/Actuator/Pressure Sensor (Cooling only), FC Bus, and SA Bus	601.46	
		Warranty For Every Year Material Warranty Is Required, Add	*27.07*	
23 09 23 00-0491	EA	VMA1620: BACnet Variable Air Volume Controller. No Panel Assembly. Integrated VAV Controller/Actuator/Pressure Sensor (with Reheat and Fan Control), FC Bus, and SA Bus	658.73	
		Warranty For Every Year Material Warranty Is Required, Add	*29.64*	
23 09 23 00-0492	EA	VMA1410-0: N2 Variable Air Volume Controller. No Panel Assembly. Integrated VAV Controller/Actuator/Pressure Sensor (Cooling only)	796.84	
		Warranty For Every Year Material Warranty Is Required, Add	*35.86*	
23 09 23 00-0493	EA	VMA1420-0: N2 Variable Air Volume Controller. No Panel Assembly. Integrated VAV Controller/Actuator/Pressure Sensor (with Reheat and Fan-Powered)	871.24	
		Warranty For Every Year Material Warranty Is Required, Add	*39.21*	
23 09 23 00-0494	EA	TEC2601-4: BACnet Network Capability. Used To Control Fan Coil Units, Unit Heaters, and Single-Stage Packaged Heating/Cooling Equipment	445.57	
		Warranty For Every Year Material Warranty Is Required, Add	*20.05*	
23 09 23 00-0495	EA	TEC2602-4: BACnet Network Capability. Used To Control One or Two Heat Pump Stages with Optional Auxiliary Heat Stage	577.19	
		Warranty For Every Year Material Warranty Is Required, Add	*25.97*	
23 09 23 00-0496	EA	TEC2603-4: BACnet Network Capability. Used To Control Multi-Stage Packaged Heating/Cooling Equipment.	629.72	
		Warranty For Every Year Material Warranty Is Required, Add	*28.34*	
23 09 23 00-0497	EA	TEC2604-4: BACnet Network Capability. Used To Control Economizer Operation for Single- and Multi-Stage Unitary Rooftop Equipment.	668.77	
		Warranty For Every Year Material Warranty Is Required, Add	*30.09*	
23 09 23 00-0498	EA	TEC2616-4: BACnet Network Capability. Two On/Off Control Outputs. 3 Speed Fan Control.	645.21	
		Warranty For Every Year Material Warranty Is Required, Add	*29.03*	
23 09 23 00-0499	EA	TEC2626-4: BACnet Network Capability. Two On/Off or Floating Control Outputs. 3 Speed Fan Control.	670.01	
		Warranty For Every Year Material Warranty Is Required, Add	*30.15*	
23 09 23 00-0500	EA	TEC2627-4: BACnet Network Capability. Two On/Off or Floating Control Outputs.	446.67	
		Warranty For Every Year Material Warranty Is Required, Add	*20.10*	
23 09 23 00-0501	EA	TEC2636-4:2 BACnet Network Capability. Two On/Off or floating Control Outputs With Dehumidification Capability. 3 Speed Fan Control.	898.69	
		Warranty For Every Year Material Warranty Is Required, Add	*40.44*	
23 09 23 00-0502	EA	TEC2645-4: Networked BACnet MS/TP, Two-Pipe, Proportional 0 to 10 VDC Control Output, and One-Speed Fan Control Thermostat.	446.67	
		Warranty For Every Year Material Warranty Is Required, Add	*20.10*	
23 09 23 00-0503	EA	TEC2646-4: BACnet Network Capability. 2 proportional 0 to 10 VDC Control Outputs. 3 Speed Fan Control.	719.65	
		Warranty For Every Year Material Warranty Is Required, Add	*32.38*	
23 09 23 00-0504	EA	TEC2647-4: BACnet Network Capability. Two Proportional 0 to 10 VDC Control Outputs.	471.48	
		Warranty For Every Year Material Warranty Is Required, Add	*21.22*	
23 09 23 00-0505	EA	TEC2656-4: BACnet Network Capability. 2 proportional 0 to 10 VDC Control Outputs With Dehumidification Capability. 3 Speed Fan Control.	930.79	
		Warranty For Every Year Material Warranty Is Required, Add	*41.89*	
23 09 23 00-0506	EA	TEC2101-4: N2 Network Capability. Used To Control Fan Coils, Unit Heaters and Single-Stage Packaged Heating/Cooling Equipment.	429.66	
		Warranty For Every Year Material Warranty Is Required, Add	*19.33*	
23 09 23 00-0507	EA	TEC2102-4: N2 Network Capability. Used To Control Heat Pumps with up to 3 Heating/2 Cooling Stages.	563.93	
		Warranty For Every Year Material Warranty Is Required, Add	*25.38*	
23 09 23 00-0508	EA	TEC2103-4: N2 Network Capability. Used To Control Multi-Staged Packaged Heating/Cooling Equipment	617.52	
		Warranty For Every Year Material Warranty Is Required, Add	*27.79*	
23 09 23 00-0509	EA	TEC2104-4: N2 Network Capability. Used To Control Economizer Operation for Single- and Multi-Stage Unitary Rooftop Equipment	657.35	
		Warranty For Every Year Material Warranty Is Required, Add	*29.58*	
23 09 23 00-0510	EA	TEC2116-4: N2 Network Capability. Two On/Off Control Outputs. 3 Speed Fan Control. 3 Speed Fan Control.	620.37	
		Warranty For Every Year Material Warranty Is Required, Add	*27.92*	
23 09 23 00-0511	EA	TEC2126-4: N2 Network Capability: Two On/Off or Floating Control Outputs. 3 Speed Fan Control.	645.21	
		Warranty For Every Year Material Warranty Is Required, Add	*29.03*	
23 09 23 00-0512	EA	TEC2127-4: N2 Network Capability. Two On/Off or Floating Control Outputs.	421.85	
		Warranty For Every Year Material Warranty Is Required, Add	*18.98*	
23 09 23 00-0513	EA	TEC2136-4: N2 Network Capability. Two On/Off or Floating Control Outputs, Dehumidification Capability. 3 Speed Fan Control	865.40	
		Warranty For Every Year Material Warranty Is Required, Add	*38.94*	
23 09 23 00-0514	EA	TEC2145-4: N2 Network Capability. Proportional 0 to 10 VDC Control Output, and Single Speed Fan Control.	421.85	
		Warranty For Every Year Material Warranty Is Required, Add	*18.98*	
23 09 23 00-0515	EA	TEC2146-4: N2 Network Capability. Two Proportional 0 to 10 VDC Control Outputs. 3 Speed Fan Control.	694.84	
		Warranty For Every Year Material Warranty Is Required, Add	*31.27*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0516	EA	TEC2147-4: N2 Network Capability. Two Proportional 0 to 10 VDC Control Outputs	446.67	
		Warranty For Every Year Material Warranty Is Required, Add	*20.10*	
23 09 23 00-0517	EA	TEC2156-4: N2 Network Capability. Two Proportional 0 to 10 VDC Control Outputs, Dehumidification Capability. 3 Speed Fan Control.	889.79	
		Warranty For Every Year Material Warranty Is Required, Add	*40.04*	
23 09 23 00-0518	EA	TEC20-3C-2: BACnet IP Wireless Coordinator; Requires 15 VDC Power Supply	4,185.29	
		Warranty For Every Year Material Warranty Is Required, Add	*188.34*	
23 09 23 00-0519	EA	TEC20-6C-2: BACnet MS/TP Wireless Coordinator; Requires 15 VDC Power Supply	3,934.13	
		Warranty For Every Year Material Warranty Is Required, Add	*177.04*	
23 09 23 00-0520	EA	TEC2001-4: Wireless BACnet Network Capability. Used To Control Fan Coil Units, Unit Heaters, and Single-Stage Packaged Heating/Cooling Equipment	527.45	
		Warranty For Every Year Material Warranty Is Required, Add	*23.74*	
23 09 23 00-0521	EA	TEC2002-4: Wireless BACnet Network Capability. Used To Control One or Two Heat Pump Stages with Optional Auxiliary Heat Stage.	594.73	
		Warranty For Every Year Material Warranty Is Required, Add	*26.76*	
23 09 23 00-0522	EA	TEC2003-4: Wireless BACnet Network Capability. Used To Control Multi-Stage Packaged Heating/Cooling Equipment	594.73	
		Warranty For Every Year Material Warranty Is Required, Add	*26.76*	
23 09 23 00-0523	EA	TEC2004-4: Wireless BACnet Network Capability. Used To Control Economizer Operation for Single- and Multi-Stage Unitary Rooftop Equipment	662.37	
		Warranty For Every Year Material Warranty Is Required, Add	*29.81*	
23 09 23 00-0524	EA	TEC2016-4: Wireless BACnet Network Capability. Two On/Off Control Points. 3 Speed Fan Control	635.94	
		Warranty For Every Year Material Warranty Is Required, Add	*28.62*	
23 09 23 00-0525	EA	TEC2026-4: Wireless BACnet Network Capability. Two On/Off or Floating Control Points. 3 Speed Fan Control.	709.38	
		Warranty For Every Year Material Warranty Is Required, Add	*31.92*	
23 09 23 00-0526	EA	TEC2027-4: Wireless BACnet Network Capability. Two On/Off or Floating Control Points.	535.76	
		Warranty For Every Year Material Warranty Is Required, Add	*24.11*	
23 09 23 00-0527	EA	TEC2036-4: Wireless BACnet Network Capability. Two On/Off or Floating Control Points. Dehumidification Capability. 3 Speed Fan Control.	973.19	
		Warranty For Every Year Material Warranty Is Required, Add	*43.79*	
23 09 23 00-0528	EA	TEC2045-4: Wireless BACnet Network Capability. One Proportional 0 to 10 VDC Control Point. Single Speed Fan Control.	536.54	
		Warranty For Every Year Material Warranty Is Required, Add	*24.14*	
23 09 23 00-0529	EA	TEC2046-4: Wireless BACnet Network Capability. Two Proportional 0 to 10 VDC Control Points. 3 Speed Fan Control.	749.41	
		Warranty For Every Year Material Warranty Is Required, Add	*33.72*	
23 09 23 00-0530	EA	TEC2047-4: Wireless BACnet Network Capability. Two Proportional 0 to 10 VDC Control Points. No Fan Control	585.60	
		Warranty For Every Year Material Warranty Is Required, Add	*26.35*	
23 09 23 00-0531	EA	TEC2056-4: Wireless BACnet Network Capability. Two Proportional 0 to 10 VDC Control Points. Dehumidification Capability. 3 Speed Fan Control.	1,009.94	
		Warranty For Every Year Material Warranty Is Required, Add	*45.45*	

23 09 23 00-0532 EMCS Optional DDC Controller Hardware and Enclosures (EMCS) *(23 09 23 00-0426)*

Note: BACnet IOM devices expand the FEC and NCE input/ output capability. XT/XP combinations expand the DX-9100 input/ output capability. Each XP needs an XT. A custom panel is required for applications other than NEMA 1 and for any controller needing an expansion device or any face mounted items. Includes material only.

23 09 23 00-0533	EA	IOM1711: BACnet Input/output Module. 4-Point IOM with 4 BI, FC Bus and SA Bus Support.	392.98	
		Warranty For Every Year Material Warranty Is Required, Add	*17.68*	
23 09 23 00-0534	EA	IOM2711: BACnet Input/output Module.6-Point IOM with 2 UI, 2 UO, 2 BO, FC Bus, and SA Bus Support	491.22	
		Warranty For Every Year Material Warranty Is Required, Add	*22.10*	
23 09 23 00-0535	EA	IOM3711: BACnet Input/output Module.12-Point IOM with 4 UI, 4 UO, 4 BO, FC Bus, and SA Bus Support	638.58	
		Warranty For Every Year Material Warranty Is Required, Add	*28.74*	
23 09 23 00-0536	EA	IOM4711: BACnet Input/output Module.17-Point IOM with 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 VAC, and SA Bus with Mounting Base	658.22	
		Warranty For Every Year Material Warranty Is Required, Add	*29.62*	
23 09 23 00-0537	EA	IOM1710-OU: 4-Point IOM with 4 BI, FC Bus and SA Bus Support	392.98	
		Warranty For Every Year Material Warranty Is Required, Add	*17.68*	
23 09 23 00-0538	EA	IOM2710-OU: BACnet Input/output Module. 6-Point IOM with 2 UI, 2 UO, 2 BO, FC Bus, and SA Bus Support	491.22	
		Warranty For Every Year Material Warranty Is Required, Add	*22.10*	
23 09 23 00-0539	EA	IOM3710-OU: BACnet Input/output Module. 12-Point IOM with 4 UI, 4 UO, 4 BO, FC Bus, and SA Bus Support	638.58	
		Warranty For Every Year Material Warranty Is Required, Add	*28.74*	
23 09 23 00-0540	EA	IOM4710-OU: BACnet Input/output Module. 17-Point IOM with 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 VAC, and SA Bus with Mounting Base	658.22	
		Warranty For Every Year Material Warranty Is Required, Add	*29.62*	
23 09 23 00-0541	EA	XT9100: DX-9100Extension Module	604.54	
		Warranty For Every Year Material Warranty Is Required, Add	*27.20*	
23 09 23 00-0542	EA	XP9102: DX-9100 Expansion Module with 2 Analog Outputs and 6 Analog Inputs	688.06	
		Warranty For Every Year Material Warranty Is Required, Add	*30.96*	
23 09 23 00-0543	EA	XP9103: DX-9100 Expansion Module with 8 Digital Outputs (triacs)	398.52	
		Warranty For Every Year Material Warranty Is Required, Add	*17.93*	
23 09 23 00-0544	EA	XP9104: DX-9100 Expansion Module with 4 Digital Inputs, 4 Digital Outputs (triacs)	398.52	
		Warranty For Every Year Material Warranty Is Required, Add	*17.93*	
23 09 23 00-0545	EA	XP9105: DX-9100 Expansion Module with 8 Digital Inputs	398.52	
		Warranty For Every Year Material Warranty Is Required, Add	*17.93*	
23 09 23 00-0546	EA	XP9107: DX-9100 Expansion Module with 4 Digital Outputs (24V Relay)	344.52	
		Warranty For Every Year Material Warranty Is Required, Add	*15.50*	
23 09 23 00-0547	EA	ZFR1810: Wireless Field Bus Coordinator, 10 mW Transmission Power. Functions with NAE35xx, NAE45xx, NAE55xx, and NCE25xx models.	673.58	
		Warranty For Every Year Material Warranty Is Required, Add	*30.31*	
23 09 23 00-0548	EA	ZFR1811: Wireless Field Bus Router, 10 mW Transmission Power. Functions with Metasys BACnet FECs, VMA1600s, and WRZ-TTx Series Wireless Mesh Room Temperature Sensors.	228.58	
		Warranty For Every Year Material Warranty Is Required, Add	*10.29*	
23 09 23 00-0549	EA	MS-ZFRCBL-0: An optional cable harness accessory that is intended for use with the ZFR1800 Series Wireless Field Bus System.	33.44	
		Warranty For Every Year Material Warranty Is Required, Add	*1.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0550	EA	MS-ZFRRPT-0: Optional Repeater Accessory for use with ZFR1811 Router as a repeater. Includes 20-28 VAC or 16-30 VDC input power, 12 VDC output power supply (regulated at 500 mA maximum, 6 VA), and 4 x 4 in. electrical box with cover.	117.94	
		Warranty For Every Year Material Warranty Is Required, Add	*5.31*	
23 09 23 00-0551	EA	WRZ-7840-0: One-to-One Wireless Receiver. Functions with a WRZ-TTX wireless sensor; and a FEC Series or VMA1600 Series field controller. Up to five WRZ-TTx sensors may be used per WRX-7840-0 receiver for averaging temperature in a zone.	217.86	
		Warranty For Every Year Material Warranty Is Required, Add	*9.80*	
23 09 23 00-0552	EA	WRZ-SST-100: Wireless Sensing System Tool consisting of a WRZ-7840-0 receiver and a battery pack is a light weight, portable wireless receiver designed to receive wireless data transmissions from a WRZ-TTx Series Sensor. In One-to-One sensing system applications, this tool assists during a site survey, to determine the optimum locations for sensors and receivers. It can also work as a signal test receiver or "site survey tool" prior to installing a Mesh Network System.	321.05	
		Warranty For Every Year Material Warranty Is Required, Add	*14.45*	
23 09 23 00-0553	EA	WRZ-SST-110: Wireless Sensing System Tool consisting of a WRZ-7850-0 receiver and battery pack is a light weight portable wireless receiver designed to receive wireless data transmissions from a WRZ-TTx Series Sensor. In One-to-One sensing system applications, this tool assists during a site survey, to determine the optimum locations for sensors and receivers. It can also work as a signal test receiver or site survey tool prior to installing a Mesh Network System.	317.87	
		Warranty For Every Year Material Warranty Is Required, Add	*14.30*	
23 09 23 00-0554	EA	WRZ-THB0000-0: Wireless Temperature/Humidity Sensor with Display, Warmer/Cooler (+/-) Set point Adjustment or Set point Adjustment Scale: 13 to 29°C/55 to 85°F, F/C Button, RH Button and Occupancy Button, 10 mW Transmission Power	450.70	
		Warranty For Every Year Material Warranty Is Required, Add	*20.28*	
23 09 23 00-0555	EA	WRZ-THN0000-0: Wireless Temperature/Humidity Sensor, Occupancy Button, No Temperature adjustment and No LCD temperature/humidity display, 10 mW Transmission Power.	401.88	
		Warranty For Every Year Material Warranty Is Required, Add	*18.08*	
23 09 23 00-0556	EA	WRZ-THP0000-0: Wireless Temperature/Humidity Sensor, Warmer/Cooler (+/-) Set point Adjustment and Occupancy Button, No LCD temperature/humidity display, 10 mW Transmission Power	408.69	
		Warranty For Every Year Material Warranty Is Required, Add	*18.39*	
23 09 23 00-0557	EA	WRZ-TTB0000-0: Wireless Temperature Sensor with Display and F/C Button, 10 mW Transmission Power	268.31	
		Warranty For Every Year Material Warranty Is Required, Add	*12.07*	
23 09 23 00-0558	EA	WRZ-TTD0000-0: Wireless Temperature Sensor with Display, F/C Button and Fan Speed Control, 10 mW Transmission Power	268.31	
		Warranty For Every Year Material Warranty Is Required, Add	*12.07*	
23 09 23 00-0559	EA	WRZ-TTP0000-0: Wireless Room Temperature Sensor, Warmer/Cooler (+/-) Set point Adjustment, 10 mW Transmission Power	270.88	
		Warranty For Every Year Material Warranty Is Required, Add	*12.19*	
23 09 23 00-0560	EA	WRZ-TTR0000-0: Wireless Room Temperature Sensor, No Set point Adjustment, 10 mW Transmission Power	262.46	
		Warranty For Every Year Material Warranty Is Required, Add	*11.81*	
23 09 23 00-0561	EA	WRZ-TTS0000-0: Wireless Room Temperature Sensor, Set point Adjustment Scale: 13 to 29°C/55 to 85°F, 10 mW Transmission Power	270.88	
		Warranty For Every Year Material Warranty Is Required, Add	*12.19*	
23 09 23 00-0562	EA	WRS - RTN0000 - 0: Receiver for Many - to - One Wireless Room Temperature Sensing System, Includes Omni directional Antenna, 15 dBm Transmission Power.	876.81	
		Warranty For Every Year Material Warranty Is Required, Add	*39.46*	
23 09 23 00-0563	EA	WRS-SST - 100: Wireless Sensing System Tool (Monitors RF Signal Strength and Temperature Data between a WRS-TTx0000-0 Series Sensor and the Associated WRS-RTN0000-0 Series or TE-7800 Series Receiver), 15 dBm Transmission Power	321.05	
		Warranty For Every Year Material Warranty Is Required, Add	*14.45*	
23 09 23 00-0564	EA	WRS - TTP0000 - 0: Wireless Room Temperature Sensor, Warmer/Cooler (+/-) Set point Adjustment, 15 dBm Transmission Power	285.59	
		Warranty For Every Year Material Warranty Is Required, Add	*12.85*	
23 09 23 00-0565	EA	WRS - TTR0000 - 0: Wireless Room Temperature Sensor, No Set point Adjustment, 15 dBm Transmission Power	260.53	
		Warranty For Every Year Material Warranty Is Required, Add	*11.72*	
23 09 23 00-0566	EA	WRS - TTS0000 - 0: Wireless Room Temperature Sensor, Set point Adjustment Scale: 55 to 85°F/13 to 29°C, 15 dBm Transmission Power	285.59	
		Warranty For Every Year Material Warranty Is Required, Add	*12.85*	
23 09 23 00-0567	EA	DT-9100-6801: Cable for LCD Display (recommended for every DX-9100)	56.63	
		Warranty For Every Year Material Warranty Is Required, Add	*2.55*	
23 09 23 00-0568	EA	DT-9100-8902: Wall Mounting Kit (recommended for every DX-9100)	52.73	
		Warranty For Every Year Material Warranty Is Required, Add	*2.37*	
23 09 23 00-0569	EA	DT9100-8104: LCD Display Unit for DX-9100 (recommended for every DX-9100)	1,878.42	
		Warranty For Every Year Material Warranty Is Required, Add	*84.53*	
23 09 23 00-0570	EA	Custom Panel Cost: This cost is applicable for every control panel assembly that requires extension module(s) (IOM's and DX/DT combinations).	851.44	
		Warranty For Every Year Material Warranty Is Required, Add	*38.31*	
23 09 23 00-0571	EA	Custom Panel Cost: This cost is applicable for every control panel assembly that needs an outdoor rated enclosure (weatherproof).	1,135.26	
		Warranty For Every Year Material Warranty Is Required, Add	*51.09*	
23 09 23 00-0572	EA	Custom Panel Cost: This cost is applicable for every face mounted item such as a display, meter, or gauge.	283.82	
		Warranty For Every Year Material Warranty Is Required, Add	*12.77*	

23 09 23 00-0573 EMCS Software (EMCS) *(23 09 23 00-0426)*

23 09 23 00-0574	EA	MS-ADXSWOSQL-0: new ADX project software for up to 25 concurrent users; includes Microsoft SQL Server 2008 software with a Processor License for unlimited users/devices	79,509.75	
23 09 23 00-0575	EA	MS-ADXSWO-SCS: ADX server site subscription service with ADX upgrade software and all NAE/NIE software image upgrades (25 concurrent users). ADX package also includes: SCT and Export Utility software. (1 year)	7,875.79	
23 09 23 00-0576	EA	MS-ADX10SQL-0: new ADX project software for up to 10 concurrent users; includes Microsoft SQL Server™ 2008 software with a Processor License for unlimited users/devices	50,735.22	
23 09 23 00-0577	EA	MS-ADX10U-SCS: ADX server site subscription service with ADX upgrade software and all NAE/NIE software image upgrades (10 concurrent users). ADX package also includes: SCT and Export Utility software. (1 year)	6,384.38	
23 09 23 00-0578	EA	MS-ADS05U-0: new ADS project software for up to 5 concurrent users. Includes SQL server express	23,743.96	
23 09 23 00-0579	EA	MS-ADS05U-0-SCS: ADS server site subscription service with ADS upgrade software and all NAE/NIE software image upgrades (5 concurrent users). ADS package also includes: SCT and Export Utility software. (1 year)	5,863.21	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0580		EA	MS-RAP Ready Access Portal: The Ready Access Portal software provides a natural, complementary extension of the Metasys® Site Management Portal User Interface (UI). The Ready Access Portal UI allows targeted users to access only specific key functions of the Metasys system and perform typical tasks through a more intuitive navigation process. Available on a computer or handheld platform, the Ready Access Portal UI requires only a Web browser.	2,338.64	
23 09 23 00-0581		EA	MS-ADVGRF-0 Advanced Graphics: The Advanced Graphics application is an enhanced graphics programming package that provides dynamic graphic capabilities such as animation, color changing, and flashing for the Metasys system extended architecture.	767.02	
23 09 23 00-0582		EA	MS-EREPORT-0 Energy Essentials: An add-on to the Metasys® Advanced Reporting System, Energy Essentials provides seven fundamental energy reports that no site should live without.	1,753.98	
23 09 23 00-0583		EA	MS-EPORT-0 Export Utility: The Export Utility extracts historical trend, alarm, and audit data from the system and presents the historical data in a variety of formats. Using these flexible formats, in programs such as Microsoft® Excel and Access, users can easily sort, compare, and archive data in spreadsheets and databases.	2,458.35	
23 09 23 00-0584		EA	MS-SCTSWO-0 System Configuration Tool: As an integral part of the Metasys® system extended architecture, the System Configuration Tool (SCT) supports the engineering, installing, and commissioning of your building automation system.	3,318.94	
23 09 23 00-0585		EA	Symantec Antivirus	815.75	
23 09 23 00-0586		EA	Microsoft Office	2,270.47	

23 09 23 00-0587 Cypress Envirosystems Controls *(23 09 23)*

23 09 23 00-0588 Wireless Pneumatic Thermostat *(23 09 23 00-0587)*

Note: Wireless pneumatic thermostats, hub and repeaters must be installed by installers certified by the manufacturer.

23 09 23 00-0589		EA	Two-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2DP) Note: One for every thermostat to be retrofitted.	584.90	8.26
			For >50 To 200, Deduct	*-30.99*	
			For >200, Deduct	*-61.93*	
23 09 23 00-0590		EA	Two-Pipe Reverse Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2RP) Note: One for every thermostat to be retrofitted.	584.90	8.26
			For >50 To 200, Deduct	*-30.99*	
			For >200, Deduct	*-61.93*	
23 09 23 00-0591		EA	Single-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP) Note: One for every thermostat to be retrofitted.	584.90	8.26
			For >50 To 200, Deduct	*-30.99*	
			For >200, Deduct	*-61.93*	
23 09 23 00-0592		EA	Single-Pipe Indirect Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1RP) Note: One for every thermostat to be retrofitted.	584.90	8.26
			For >50 To 200, Deduct	*-30.99*	
			For >200, Deduct	*-61.93*	
23 09 23 00-0593		EA	Two-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2DP-DB) Note: One for every thermostat to be retrofitted.	667.90	8.26
			For >50 To 200, Deduct	*-35.61*	
			For >200, Deduct	*-71.15*	
23 09 23 00-0594		EA	Two-Pipe Reverse Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2RP-DB) Note: One for every thermostat to be retrofitted.	667.90	8.26
			For >50 To 200, Deduct	*-35.61*	
			For >200, Deduct	*-71.15*	
23 09 23 00-0595		EA	Single-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP-DB) Note: One for every thermostat to be retrofitted.	667.90	8.26
			For >50 To 200, Deduct	*-35.61*	
			For >200, Deduct	*-71.15*	
23 09 23 00-0596		EA	Single-Pipe Indirect Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1RP-DB) Note: One for every thermostat to be retrofitted.	667.90	8.26
			For >50 To 200, Deduct	*-35.61*	
			For >200, Deduct	*-71.15*	
23 09 23 00-0597		EA	Wireless Pneumatic Thermostat Blank Cover (Cypress Envirosystems WPT-800-MCOV) Note: Optional cover.	43.85	8.26
			For >50 To 200, Deduct	*-1.98*	
			For >200, Deduct	*-3.95*	
23 09 23 00-0598		EA	Green Box Controller (Cypress Envirosystems GBC-800-001) Note: One unit for up to 100 thermostats.	3,500.62	8.26
			For 2, Deduct	*-176.27*	
			For >2, Deduct	*-352.22*	
23 09 23 00-0599		EA	WPT USB Hub (Cypress Envirosystems WPT-800-HUSB) Note: One unit for up to 100 thermostats.	404.30	8.26
			For 2, Deduct	*-22.02*	
			For >2, Deduct	*-44.00*	
23 09 23 00-0600		EA	WPT Repeater (Cypress Envirosystems WPT-800-RWAL) Note: One unit for up to 15 thermostats.	456.36	8.26
			For >5 To 10, Deduct	*-23.08*	
			For >10, Deduct	*-46.11*	
23 09 23 00-0601		EA	24V WPT Repeater (Cypress Envirosystems WPT-800-RWAL24V) Note: One unit for up to 15 thermostats.	565.25	8.26
			For >5 To 10, Deduct	*-26.84*	
			For >10, Deduct	*-53.62*	

23 09 23 00-0602 Control Sensors, Meters, Relays, Power Supplies, Valves, Dampers And Actuators *(23 09 23)*

23 09 23 00-0603 Temperature Sensors *(23 09 23 00-0602)*

23 09 23 00-0604		EA	10K Ohm Thermistor Duct Temperature Sensor (Kele ST-D24)	139.72	47.57
23 09 23 00-0605		EA	10K Ohm Thermistor Duct Temperature Sensor, 1/2" LB Conduit Fitting (Kele ST-D24-XCO)	161.38	47.57
23 09 23 00-0606		EA	10K Ohm Thermistor Duct Temperature Sensor With Greenfield Fitting (Kele ST-D24-XG)	141.68	47.57
23 09 23 00-0607		EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing (Kele ST-D24-XH)	142.41	47.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0608	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 18" Probe (Kele ST-D24-XH-XL18)	180.70	47.57
23 09 23 00-0609	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 6" Probe (Kele ST-D24-XH-XL6)	150.01	47.57
23 09 23 00-0610	EA	10K Ohm Thermistor Duct Temperature Sensor With Non Metallic Handibox Housing (Kele ST-D24-XHP)	143.03	47.57
23 09 23 00-0611	EA	10K Ohm Thermistor Duct Temperature Sensor With 4" Probe (Kele ST-D24-XL4)	157.00	47.57
23 09 23 00-0612	EA	10K Ohm Thermistor Duct Temperature Sensor With Weatherproof Housing (Kele ST-D24-XW)	153.58	47.57
23 09 23 00-0613	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor (Kele ST-O24)	198.57	66.07
23 09 23 00-0614	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor With 25' Lead (Kele ST-O24-XC25)	205.91	66.07
23 09 23 00-0615	EA	Delta Style Surface Mounted 10K Ohm Thermistor Room Temperature Sensor (Kele BA/10K3-R-N-DF)	82.65	26.42
23 09 23 00-0616	EA	Delta Style Surface Mounted AD592 Room Temperature Sensor (Kele BA/592-10K-R)	84.83	26.42
23 09 23 00-0617	EA	Stainless Steel Plate 1K Ohm Room Temperature Sensor (Kele BA/1K8-SP)	84.83	26.42

23 09 23 00-0618 Water Temperature Sensors *(23 09 23 00-0602)*

23 09 23 00-0619	EA	5" Immersion 20K Ohm Water Temp Sensor Note: Honeywell C7041D2001.	104.23	51.12
23 09 23 00-0620	EA	Strap-On 20K Ohm Water Temp Sensor	253.60	51.12

23 09 23 00-0621 Relative Humidity Sensors *(23 09 23 00-0602)*

23 09 23 00-0622	EA	3% Duct Mounted RH Sensor (Kele HD30K)	285.69	47.57
23 09 23 00-0623	EA	10K Ohm Thermistor 3% Duct Mounted RH Sensor (Kele HD30K-T3)	294.33	47.57
23 09 23 00-0624	EA	3% RH Outdoor Air Sensor (Kele HO30K)	339.47	66.07
23 09 23 00-0625	EA	2% Surface Mounted RH Transmitter (Kele HW20K)	238.82	26.42

23 09 23 00-0626 Pressure Sensors *(23 09 23 00-0602)*

23 09 23 00-0627	EA	Differential Pressure Transmitters With NEMA 1 Case, 0 To .5" W.C. (Kele T30-005)	356.95	55.79
23 09 23 00-0628	EA	Differential Pressure Transmitters With NEMA 1 Case, 0 To 5" W.C. (Kele T30-050)	329.58	55.79
23 09 23 00-0629	EA	Adjustable Differential Pressure Switches, .05 To 12" W.C. (Kele AFS-222)	166.21	55.79
23 09 23 00-0630	EA	Adjustable Differential Pressure Switches, .05 To 2" W.C. (Kele AFS-262)	167.56	55.79
23 09 23 00-0631	EA	Manual Reset Adjustable Differential Pressure Switches, .4 To 2" W.C. (Kele AFS-460)	177.29	55.79
23 09 23 00-0632	EA	Adjustable Differential Pressure Switches, .05 To 12" W.C., 1/8" NPT (Kele AFS-145)	165.32	55.79
23 09 23 00-0633	EA	Water Differential Pressure Transmitter, 0 To 100psid, Bypass Valve Assembly Option (Kele 360C-P210D-BVA) Note: Excludes pipe fittings.	1,338.53	55.79
23 09 23 00-0634	EA	Water Differential Pressure Transmitter, 0 To 60psid, Bypass Valve Assembly Option (Kele 360C-P160D-BVA) Note: Excludes pipe fittings.	1,338.53	55.79
23 09 23 00-0635	EA	Magnahelic Gauge	412.27	34.10

23 09 23 00-0636 Water Flow Meters *(23 09 23 00-0602)*

23 09 23 00-0637	EA	Insertion Electromagnetic Water Flow Meter (Onicon F-3500) Note: Excludes pipe fittings.	2,419.97	70.08
23 09 23 00-0638	EA	Dual Turbine Insertion Flow Meter With Analog Output (Onicon F-1210) Note: Excludes pipe fittings.	146.74	23.36

23 09 23 00-0639 Air Flow Monitoring Stations *(23 09 23 00-0602)*

23 09 23 00-0640	EA	Analog Transmitter, 2 Point, 3 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 36" x 24" typical duct size.	1,922.96	79.70
23 09 23 00-0641	EA	Analog Transmitter, 3 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 48" x 36" typical duct size.	2,732.52	79.70
23 09 23 00-0642	EA	Analog Transmitter, 4 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 60" x 48" typical duct size.	3,385.22	79.70

23 09 23 00-0643 Gas Sensors *(23 09 23 00-0602)*

23 09 23 00-0644	EA	6-1/4" x 6-1/8" CO2 Sensor, 0-2000 ppm (Kele WCO-1B)	1,013.59	39.63
23 09 23 00-0645	EA	Wall Mounted CO2 Sensor, 0-2000 ppm With LCD Display (Kele CD-AW-LCD)	380.51	26.42
23 09 23 00-0646	EA	CO Monitor/Transmitter, 0 To 250 ppm (Kele GMT-CO-S2) Note: Solid state sensor.	812.00	39.63
23 09 23 00-0647	EA	CO2 Transmitter, Duct Mount, No Display, 0-10VDC Out, 24 VAC/VDC, 0-10 Or 4-20mA, 0-2000 ppm Range With CD-AD Duct Probe Assembly (CDE CD-AD-LCD; CD-AD)	461.49	47.57

23 09 23 00-0648 Current Switches And Current Sensors *(23 09 23 00-0602)*

23 09 23 00-0649	EA	Current Sensor, 0-20A, 0-5 VDC (Senva C-1203)	80.49	26.42
23 09 23 00-0650	EA	Current Sensor, 0-20A, 4-20mA (Senva C-1205)	82.30	26.42
23 09 23 00-0651	EA	VFD Current Switch, 0.5-135A Range, Split Core (Senva C-2350VFD-L)	101.23	26.42
23 09 23 00-0652	EA	Current Switch, 0.15-100A Range, Split Core With NC Command Relay (Senva C-2300 And CR4-24)	85.90	26.42
23 09 23 00-0653	EA	DC Current Sensor, Split Core, 0-50/100/200A (Selectable), 4-20mA, 0-5VDC (Veris H970HCA)	146.64	26.42
23 09 23 00-0654	EA	DC Current Sensor, Split Core, 0-20/40/80A (Selectable), 0-20mA, 0-5VDC (Veris H970LCC)	146.64	26.42
23 09 23 00-0655	EA	Current Switch, 1-135A, N.O. Contact 1A @ 110V (Veris H709)	102.51	26.42
23 09 23 00-0656	EA	Current Switch, 0-10/20/40A, 4-20mA Analog Output, Solid Core, Loop Powered (Veris H721)	110.48	26.42
23 09 23 00-0657	EA	Energy Meter H8163 Series, With BACnet Output (Veris H8186-CB-BAC)	2,674.28	132.14
23 09 23 00-0658	EA	Power Transducer, Modbus RTU, 100A (Veris H8035-0100-2) Note: 3 phase networked transducer.	418.58	26.42
23 09 23 00-0659	EA	Energy Meter, Three Current Switches, Pulse Output, Phase Loss Alarm Output, 2400A (Veris H8163-2400-4-3)	615.29	26.42
23 09 23 00-0660	EA	Current Transducer, 0-20A, 0-5VDC (Kele 4CTV)	144.21	26.42
23 09 23 00-0661	EA	Solid Core Fixed Setpoint Digital Output Current Switch (Veris H-800)	205.55	70.19
23 09 23 00-0662	EA	Split Core Fixed Setpoint Digital Output Current Switch (Veris H-900)	212.15	70.19
23 09 23 00-0663	EA	Solid Core Adjustable Setpoint Digital Output Current Sensor (Veris H-708)	219.69	70.19
23 09 23 00-0664	EA	Split Core Adjustable Setpoint Digital Output Current Sensor (Veris H-908)	229.12	70.19
23 09 23 00-0665	EA	Solid And Split Core Adjustable Setpoint Digital Output VFD Current Switch (Veris H-904)	251.76	70.19
23 09 23 00-0666	EA	Toggle Switch	89.18	33.03
23 09 23 00-0667	EA	Maintained Pushbutton Switch	93.43	33.03

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0668	EA	Manual Time Switch	133.51	33.03
23 09 23 00-0669	EA	Emergency Stop Switch	205.18	33.03
23 09 23 00-0670	EA	Float Switch	225.53	33.03
23 09 23 00-0671	EA	Break Glass Switch	643.84	33.03
23 09 23 00-0672	EA	Boiler E-Stop Switch	452.93	33.03
23 09 23 00-0673		**Relays** *(23 09 23 00-0602)*		
23 09 23 00-0674	EA	DPDT, 24VAC, Blade, Standard Relay (Kele RH2B-UAC24V)	75.08	26.42
23 09 23 00-0675	EA	SPDT, 24VAC/VDC, 120VAC Multi-Voltage Relay Module (Kele PAM-1)	83.28	26.42
23 09 23 00-0676	EA	SPDT, 24VAC/VDC, 120VAC Power Relay (Kele RIB2401B) Note: Box type.	107.92	33.03
23 09 23 00-0677	EA	Motor Starter Interface, 300msec Pulse (Kele PIL-2)	128.80	26.42
23 09 23 00-0678	EA	DP Relay Socket, DIN Rail Mounted (Kele SH2B-05)	71.92	26.42
23 09 23 00-0679	EA	SP Relay Socket, DIN Rail Mounted (Kele SH1B-05)	70.78	26.42
23 09 23 00-0680	EA	SPDT, 24VAC, Blade, Standard Relay (Kele RH1B-UAC24V)	74.80	26.42
23 09 23 00-0681	EA	DPDT, 24VAC, Blade, Indicator Light Relay (Kele RH2B-ULAC24V)	77.47	26.42
23 09 23 00-0682	EA	SPDT, 24VAC, Blade, Indicator Light Relay (Kele RH1B-ULAC24V)	77.19	26.42
23 09 23 00-0683	EA	SPDT Pilot Relay, Universal (Kele RIBU1C) Note: Box type.	99.66	33.03
23 09 23 00-0684	EA	SPST Pilot Relay With HOA Switch (Kele RIBU1S) Note: Box type.	107.06	33.03
23 09 23 00-0685	EA	SPDT 3 Phase Line Voltage Monitor, .1-5 Minute Delay On Break Timer (ICM400)	204.23	33.03
23 09 23 00-0686	EA	SPDT 3-Phase Line Voltage Monitor, 0-10 Minute Delay On Break Timer	240.29	33.03
23 09 23 00-0687		**Surge Protectors** *(23 09 23 00-0602)*		
23 09 23 00-0688	EA	Surge Protector, T100's, Summit, BCU, UPCM, PCM, TCM (Transtector TR2255)	163.46	6.61
23 09 23 00-0689	EA	Surge Protector, 1AC Outlet (Transtector TR2251)	124.69	6.61
23 09 23 00-0690	EA	Surge Protector, 2 AC Outlets (Transtector TR2254)	191.40	6.61
23 09 23 00-0691	EA	Surge Protector, DB-15 Connection (Transtector TR2259-DLP15)	105.76	6.61
23 09 23 00-0692	EA	Surge Protector, DB-25 Connection (Transtector TR2259-DLP25)	105.76	6.61
23 09 23 00-0693	EA	Surge Protector, DB-9 Connection (Transtector TR2259-DLP9)	105.76	6.61
23 09 23 00-0694	EA	Surge Protector, Individual Wire Connection (Transtector TR2258)	150.84	6.61
23 09 23 00-0695	EA	Surge Protector, Trane Communication Links (Transtector TR2257)	94.94	6.61
23 09 23 00-0696		**Transformers** *(23 09 23 00-0602)*		
23 09 23 00-0697	EA	50VA, 120/240/277/480-24 VAC, CB Foot And Single Hub Control Transformer (Veris X050CBA)	90.10	26.42
23 09 23 00-0698	EA	75VA, 120-24 VAC, CB Foot And Dual Hub Control Transformer (Veris X075CAB)	96.69	26.42
23 09 23 00-0699	EA	75VA, 120/208/240/480-24 VAC, CB Foot And Single Hub Control Transformer (Veris X075CBA)	99.62	26.42
23 09 23 00-0700	EA	100VA, 120-24 VAC, CB Foot And Dual Hub Control Transformer (Veris X100CAB)	102.69	26.42
23 09 23 00-0701	EA	100VA, 120/240/277/480-24 VAC, CB Foot And Single Hub Control Transformer (Veris X100CBA)	110.24	26.42
23 09 23 00-0702		**Power Supplies** *(23 09 23 00-0602)*		
23 09 23 00-0703	EA	Solid Core Current Operated Switch, Terminals, Adjustable Trip, 0.5-150A, SPST (Kele RIBXKTA)	113.01	26.42
23 09 23 00-0704	EA	AC/DC Power Supply, 1.2A @ 24V Output (Kele DCPA-1.2)	131.07	26.42
23 09 23 00-0705	EA	DC Power Supply, 5VDC And 24VDC Output (Kele DCP-524)	120.97	26.42
23 09 23 00-0706	EA	DC Power Supply, 24VDC, DIN Rail Mounted (Kele DCP-250-D)	124.67	26.42
23 09 23 00-0707	EA	DC Power Supply, 24VDC, Hub Mounted (Kele DCP-250-H)	124.67	26.42
23 09 23 00-0708	EA	DC Power Supply, 24VDC, Panel Mounted (Kele DCP-250-P)	124.67	26.42
23 09 23 00-0709	EA	DC Power Supply, 24 VAC In To Custom DC Out (At 1.5A) (Kele DCP-1.5-W-C)	102.88	26.42
23 09 23 00-0710		**Actuators** *(23 09 23 00-0602)*		
23 09 23 00-0711	EA	44 IN-LB, 24 VAC, 4-20mA, 2-10 VDC, Proportional Control, Non Spring Return Direct Coupled Damper (Belimo LMB24-SR)	354.54	68.59
23 09 23 00-0712	EA	90 IN-LB, 24 VAC/DC, 4-20mA, 2-10 VDC, Proportional Control, Non Spring Return Direct Coupled Damper (Belimo NMB24-SR)	370.63	68.59
23 09 23 00-0713	EA	90 IN-LB, 2 Position, 24 To 240 VAC Spring Return Direct Coupled Damper Actuator (Belimo NFBUP)	424.59	68.59
23 09 23 00-0714	EA	175 IN-LB, 24 VAC, 4-20mA, 2-10 VDC, Proportional Control, Non-Spring Return Direct Coupled Damper (Belimo AMB24-SR)	435.00	68.59
23 09 23 00-0715	EA	90 IN-LB, 24 VAC, 4-20mA, 2-10 VDC, Proportional Control, Spring Return Direct Coupled Damper (Belimo NFB24-SR)	459.61	68.59
23 09 23 00-0716	EA	360 IN-LB, 24 VAC, 4-20mA, 2-10 VDC, Proportional Control, Non-Spring Return Direct Coupled Damper (Belimo GMB24-SR)	496.53	68.59
23 09 23 00-0717		**Valves With Actuator** *(23 09 23 00-0602)*		
23 09 23 00-0718	EA	1/2" 2-Way Bronze Globe Valve (Belimo G215+NV24-MFT US)	380.72	13.32
23 09 23 00-0719	EA	3/4" 2-Way Bronze Globe Valve (Belimo G220+NV24-MFT US)	397.98	17.96
23 09 23 00-0720	EA	1" 2-Way Bronze Globe Valve (Belimo B225+NV24-MFT US)	437.73	21.74
23 09 23 00-0721	EA	1-1/4" 2-Way Bronze Globe Valve (Belimo B232+NV24-MFT US)	481.58	27.54
23 09 23 00-0722	EA	1-1/2" 2-Way Bronze Globe Valve (Belimo G240+NV24-MFT US)	548.96	31.78
23 09 23 00-0723	EA	2" 2-Way Bronze Globe Valve (Belimo G250+NV24-MFT US)	622.09	37.56
23 09 23 00-0724	EA	2-1/2" 2-Way Bronze Globe Valve (Belimo G665+GMX24-MFTX1)	1,168.46	75.11
23 09 23 00-0725	EA	3" 2-Way Bronze Globe Valve (Belimo G680+GMX24-MFTX1)	1,273.31	87.89
23 09 23 00-0726	EA	4" 2-Way Bronze Globe Valve (Belimo G6100C+GMX24-MFTX1)	1,729.39	129.11
23 09 23 00-0727	EA	5" 2-Way Bronze Globe Valve (Belimo G6125C+GMX24-MFTX1)	2,540.42	186.57
23 09 23 00-0728	EA	6" 2-Way Bronze Globe Valve (Belimo G6150C+GMX24-MFTX1)	2,813.79	206.56
23 09 23 00-0729	EA	1/2" 3-Way Bronze Globe Valve (Belimo G315+NV24-MFT US)	415.37	19.99
23 09 23 00-0730	EA	3/4" 3-Way Bronze Globe Valve (Belimo G320+NV24-MFT US)	434.64	26.94
23 09 23 00-0731	EA	1" 3-Way Bronze Globe Valve (Belimo G325+NV24-MFT US)	474.38	32.61
23 09 23 00-0732	EA	1-1/4" 3-Way Bronze Globe Valve (Belimo G332+NV24-MFT US)	531.14	41.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0733	EA	1-1/2" 3-Way Bronze Globe Valve (Belimo G340+NV24-MFT US)	676.71	47.67
23 09 23 00-0734	EA	2" 3-Way Bronze Globe Valve (Belimo G350+NV24-MFT US)	754.22	56.34
23 09 23 00-0735	EA	2-1/2" 3-Way Bronze Globe Valve (Belimo G765+GMX24-MFTX1)	1,345.64	112.67
23 09 23 00-0736	EA	3" 3-Way Bronze Globe Valve (Belimo G780+GMX24-MFTX1)	1,487.31	131.85
23 09 23 00-0737	EA	4" 3-Way Bronze Globe Valve (Belimo G7100+2*GMX24-MFTX1)	2,180.90	193.65
23 09 23 00-0738	EA	5" 3-Way Bronze Globe Valve (Belimo G7125+2*GMX24-MFTX1)	3,140.91	279.85
23 09 23 00-0739	EA	6" 3-Way Bronze Globe Valve (Belimo G7150+2*GMX24-MFTX1)	3,490.39	309.84
23 09 23 00-0740	EA	1/2" Two Way Brass Zone Valve (Belimo ZONE215N-35+ZONE24NC)	109.99	13.32
23 09 23 00-0741	EA	3/4" Two Way Brass Zone Valve (Belimo ZONE220N-50+ZONE24NC)	129.15	17.96
23 09 23 00-0742	EA	1" Two Way Brass Zone Valve (Belimo ZONE225N-80+ZONE24NC)	163.22	21.74
23 09 23 00-0743	EA	1/2" Two Way Brass Zone Valve (Belimo ZONE315N-35+ZONE24NC)	134.23	19.99
23 09 23 00-0744	EA	3/4" Two Way Brass Zone Valve (Belimo ZONE320N-50+ZONE24NC)	158.23	26.94
23 09 23 00-0745	EA	1" Two Way Brass Zone Valve (Belimo ZONE325N-80+ZONE24NC)	197.97	32.61
23 09 23 00-0746	EA	1/2" 2-Way Brass Ball Valve (Belimo B215B+LRB24-3)	148.80	13.32
23 09 23 00-0747	EA	3/4" 2-Way Brass Ball Valve (Belimo B220B+LRB24-3)	178.37	17.96
23 09 23 00-0748	EA	1" 2-Way Brass Ball Valve (Belimo B225+LRB24-3)	202.98	21.74
23 09 23 00-0749	EA	1-1/4" 2-Way Brass Ball Valve (Belimo B232+ARB24-3)	263.86	27.54
23 09 23 00-0750	EA	1-1/2" 2-Way Brass Ball Valve (Belimo B240+ARB24-3)	275.40	31.78
23 09 23 00-0751	EA	2" 2-Way Brass Ball Valve (Belimo B250+ARB24-3)	348.52	37.56
23 09 23 00-0752	EA	2-1/2" 2-Way Brass Ball Valve (Belimo B265+ARB24-3)	745.33	75.11
23 09 23 00-0753	EA	3" 2-Way Brass Ball Valve (Belimo B280+ARB24-3)	874.79	87.89
23 09 23 00-0754	EA	1/2" 3-Way Brass Ball Valve (Belimo B315B+LRB24-3)	183.45	19.99
23 09 23 00-0755	EA	3/4" 3-Way Brass Ball Valve (Belimo B320B+LRB24-3)	214.08	26.94
23 09 23 00-0756	EA	1" 3-Way Brass Ball Valve (Belimo B325+LRB24-3)	274.65	32.61
23 09 23 00-0757	EA	1-1/4" 3-Way Brass Ball Valve (Belimo B331+ARB24-3)	387.26	41.31
23 09 23 00-0758	EA	1-1/2" 3-Way Brass Ball Valve (Belimo B341+ARB24-3)	410.72	47.67
23 09 23 00-0759	EA	2" 3-Way Brass Ball Valve (Belimo B352+ARB24-3)	535.56	56.34
23 09 23 00-0760	EA	2" 2-Way Butterfly Valve (Belimo F650HD+AMB24-3X1)	459.91	68.86
23 09 23 00-0761	EA	2-1/2" 2-Way Butterfly Valve (Belimo F665HD+AMB24-3X1)	484.07	75.11
23 09 23 00-0762	EA	3" 2-Way Butterfly Valve (Belimo F680HD+GMB24-3X1)	628.68	87.89
23 09 23 00-0763	EA	4" 2-Way Butterfly Valve (Belimo F6100HD+2*GMB24-3X1)	1,000.24	147.54
23 09 23 00-0764	EA	5" 2-Way Butterfly Valve (Belimo F6125HD+SY2-24)	1,835.21	186.57
23 09 23 00-0765	EA	6" 2-Way Butterfly Valve (Belimo F6150HD+SY3-24)	1,987.41	206.56
23 09 23 00-0766	EA	8" 2-Way Butterfly Valve (Belimo F6200HD+SY4-24)	2,725.70	236.07
23 09 23 00-0767	EA	10" 2-Way Butterfly Valve (Belimo F6250HD+SY4-24)	3,343.15	289.19
23 09 23 00-0768	EA	12" 2-Way Butterfly Valve (Belimo F6300HS+SY4-24)	4,048.37	350.53
23 09 23 00-0769	EA	14" 2-Way Butterfly Valve (Belimo F6350HD+SY5-24)	4,514.39	413.12
23 09 23 00-0770	EA	16" 2-Way Butterfly Valve (Belimo F6400HD+SY6-110)	5,908.83	454.44
23 09 23 00-0771	EA	18" 2-Way Butterfly Valve (Belimo F6450HD+SY8-110)	7,130.05	504.84
23 09 23 00-0772	EA	2" 3-Way Butterfly Valve (Belimo F750HD+AMB24-3X1)	832.78	103.28
23 09 23 00-0773	EA	2-1/2" 3-Way Butterfly Valve (Belimo F765HD+GMB24-3X1)	974.58	112.67
23 09 23 00-0774	EA	3" 3-Way Butterfly Valve (Belimo F780HD+2*GMB24-3X1)	1,198.60	131.85
23 09 23 00-0775	EA	4" 3-Way Butterfly Valve (Belimo F7100HD+2*GMB24-3X1)	1,631.46	221.31
23 09 23 00-0776	EA	5" 3-Way Butterfly Valve (Belimo F7125HD+SY3-24)	2,935.50	279.85
23 09 23 00-0777	EA	6" 3-Way Butterfly Valve (Belimo F7150HD+SY3-24)	3,352.19	309.84
23 09 23 00-0778	EA	8" 3-Way Butterfly Valve (Belimo F7200HD+SY4-24)	4,123.65	354.14
23 09 23 00-0779	EA	10" 3-Way Butterfly Valve (Belimo F7250HD+SY4-24)	5,436.90	433.78
23 09 23 00-0780	EA	12" 3-Way Butterfly Valve (Belimo F7300HD+SY5-24)	5,184.17	525.80
23 09 23 00-0781	EA	14" 3-Way Butterfly Valve (Belimo F7350HD+SY6-110)	6,476.25	619.69
23 09 23 00-0782	EA	16" 3-Way Butterfly Valve (Belimo F7400HD+SY7-110)	11,444.59	681.65
23 09 23 00-0783	EA	18" 3-Way Butterfly Valve (Belimo F7450HD+SY8-110)	16,912.79	757.26

23 09 23 00-0784 Rectangular Volume Control Dampers *(23 09 23 00-0602)*

Note: Excludes actuators.

23 09 23 00-0785	EA	12" x 12" Low Leakage Volume Control Damper (Johnson Controls VOPSN-012X012)	139.88	31.14
23 09 23 00-0786	EA	16" x 16" Low Leakage Volume Control Damper (Johnson Controls VOPSN-016X016)	183.36	41.51
23 09 23 00-0787	EA	20" x 20" Low Leakage Volume Control Damper (Johnson Controls VOPSN-020X020)	227.78	51.88
23 09 23 00-0788	EA	24" x 24" Low Leakage Volume Control Damper (Johnson Controls VOPSN-024X024)	272.20	62.26
23 09 23 00-0789	EA	32" x 32" Low Leakage Volume Control Damper (Johnson Controls VOPSN-032X032)	345.50	72.64
23 09 23 00-0790	EA	48" x 48" Low Leakage Volume Control Damper (Johnson Controls VOPSN-048X048)	499.24	83.02
23 09 23 00-0791	EA	60" x 60" Low Leakage Volume Control Damper (Johnson Controls VOPSN-060X060)	883.01	93.40
23 09 23 00-0792	EA	72" x 72" Low Leakage Volume Control Damper (Johnson Controls VOPSN-072X072)	1,113.44	103.78

23 09 23 00-0793 Round Control Dampers *(23 09 23 00-0602)*

Note: Excludes actuators.

23 09 23 00-0794	EA	6" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG06)	114.80	31.14
23 09 23 00-0795	EA	8" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG08)	116.69	31.14
23 09 23 00-0796	EA	10" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG10)	119.06	31.14
23 09 23 00-0797	EA	12" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG12)	124.26	31.14
23 09 23 00-0798	EA	14" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG14)	139.88	31.14
23 09 23 00-0799	EA	16" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG16)	162.53	41.51

23 10 Facility Fuel Systems *(23)*

23 11 Facility Fuel Piping *(23 10)*

23 11 23 Facility Natural-Gas Piping *(23 11)*

23 11 23 00-0001 Corrugated Stainless Steel Tubing (CSST), Flexible Gas Piping *(23 11 23)*

23 11 23 00-0002 Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0001)*

Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.

23 11 23 00-0003	LF	3/8" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	4.21	1.39

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0004	LF	1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	4.63	1.50
23 11 23 00-0005	LF	3/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	5.54	1.63
23 11 23 00-0006	LF	1" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	6.98	1.72
23 11 23 00-0007	LF	1-1/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	8.20	1.81
23 11 23 00-0008	LF	1-1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	12.44	1.88
23 11 23 00-0009	LF	2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	16.83	2.00

23 11 23 00-0010 Fittings And Accessories For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0001)*

23 11 23 00-0011 Male Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0012	EA	3/8" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	20.10
23 11 23 00-0013	EA	3/8" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	20.10
23 11 23 00-0014	EA	1/2" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	21.54
23 11 23 00-0015	EA	1/2" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	21.54
23 11 23 00-0016	EA	3/4" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	25.86
23 11 23 00-0017	EA	1" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	35.47
23 11 23 00-0018	EA	1" x 1", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	35.47
23 11 23 00-0019	EA	1-1/4" x 1-1/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	59.99
23 11 23 00-0020	EA	1-1/2" x 1-1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	109.47
23 11 23 00-0021	EA	2" x 2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	177.01

23 11 23 00-0022 Female Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0023	EA	3/8" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	19.47
23 11 23 00-0024	EA	1/2" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	21.54
23 11 23 00-0025	EA	1/2" x 3/8", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	21.54
23 11 23 00-0026	EA	3/4" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	25.86
23 11 23 00-0027	EA	3/4" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	25.86
23 11 23 00-0028	EA	1" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.93
23 11 23 00-0029	EA	1" x 1", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.93

23 11 23 00-0030 Reducing Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0031	EA	3/4" x 1/2", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	26.23
23 11 23 00-0032	EA	1" x 3/4", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	34.49

23 11 23 00-0033 Couplings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0034	EA	3/8" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	26.90
23 11 23 00-0035	EA	1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	29.84
23 11 23 00-0036	EA	3/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	37.39
23 11 23 00-0037	EA	1" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	53.46
23 11 23 00-0038	EA	1-1/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	99.77
23 11 23 00-0039	EA	1-1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	194.38
23 11 23 00-0040	EA	2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	322.51

23 11 23 00-0041 Tees For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0042	EA	1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	37.22
23 11 23 00-0043	EA	3/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	59.66
23 11 23 00-0044	EA	1" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	94.29
23 11 23 00-0045	EA	1-1/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	161.92
23 11 23 00-0046	EA	1-1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	174.09
23 11 23 00-0047	EA	2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	199.83

23 11 23 00-0048 Indoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0049	EA	3/8" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	24.18
23 11 23 00-0050	EA	1/2" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	25.01
23 11 23 00-0051	EA	3/4" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	27.20
23 11 23 00-0052	EA	1" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.49
23 11 23 00-0053	EA	1" x 1", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	37.01

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0054		Outdoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0055	EA	3/8" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	26.62	
23 11 23 00-0056	EA	1/2" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	27.35	
23 11 23 00-0057	EA	3/4" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.16	
23 11 23 00-0058	EA	1" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	37.88	
23 11 23 00-0059	EA	1" x 1", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	37.88	
23 11 23 00-0060		Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0061	EA	3/8" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.97	
23 11 23 00-0062	EA	1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	43.03	
23 11 23 00-0063	EA	3/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	45.12	
23 11 23 00-0064	EA	1" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	71.39	
23 11 23 00-0065	EA	1-1/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	74.11	
23 11 23 00-0066	EA	1-1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	106.63	
23 11 23 00-0067	EA	2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	132.49	
23 11 23 00-0068		Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0069	EA	3/8" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	44.33	
23 11 23 00-0070	EA	1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	45.36	
23 11 23 00-0071	EA	3/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	49.99	
23 11 23 00-0072	EA	1" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	90.01	
23 11 23 00-0073	EA	1-1/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	92.89	
23 11 23 00-0074	EA	1-1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	127.57	
23 11 23 00-0075	EA	2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	160.85	
23 11 23 00-0076		Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0077	EA	1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	25.64	
23 11 23 00-0078	EA	3/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	27.68	
23 11 23 00-0079	EA	1" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.93	
23 11 23 00-0080	EA	1-1/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	64.38	
23 11 23 00-0081	EA	1-1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	124.74	
23 11 23 00-0082	EA	2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	198.39	
23 11 23 00-0083		Stub-Outs For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
		Note: Includes mounting plate.		
23 11 23 00-0084	EA	1/2" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	22.13	
23 11 23 00-0085	EA	3/4" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	24.12	
23 11 23 00-0086	EA	1/2" Fireplace Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	22.15	
23 11 23 00-0087	EA	1/2" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	22.23	
23 11 23 00-0088	EA	3/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	23.18	
23 11 23 00-0089	EA	1" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	27.52	
23 11 23 00-0090	EA	1-1/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.08	
23 11 23 00-0091		Flush Mount Gas Valve Kits For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
		Note: Includes flush fitting plastic valve box and 90 degree brass shut-off valve.		
23 11 23 00-0092	EA	1/2" x 1/2", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	62.46	14.60
23 11 23 00-0093	EA	3/4" x 3/4", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	70.53	15.33
23 11 23 00-0094		Shut-Off Valves For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0095	EA	3/8" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	44.86	12.77
23 11 23 00-0096	EA	1/2" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	52.20	15.18
23 11 23 00-0097	EA	3/4" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	64.04	18.25
23 11 23 00-0098	EA	1" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	80.15	24.38

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0099		Manifolds For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
		Note: Includes mounting hardware.		
23 11 23 00-0100	EA	1/2" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	55.08	15.18
23 11 23 00-0101	EA	3/4" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	62.53	18.25
23 11 23 00-0102	EA	1/2" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	58.98	15.18
23 11 23 00-0103	EA	3/4" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	65.06	18.25
23 11 23 00-0104	EA	2" x 1-1/2" Inlet, Four 1" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	124.29	45.62
23 11 23 00-0105		Pressure Regulators For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0106	EA	1/2" Port, 250 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	58.23	15.18
23 11 23 00-0107	EA	1/2" Port, 355 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	58.23	15.18
23 11 23 00-0108	EA	1/2" Port, 425 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	81.54	15.18
23 11 23 00-0109	EA	3/4" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	87.62	18.25
23 11 23 00-0110	EA	3/4" Port, 810 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	87.62	18.25
23 11 23 00-0111	EA	1" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	99.78	24.38
23 11 23 00-0112	EA	1-1/4" Port, 1,000 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	149.05	27.37
23 11 23 00-0113	EA	1/2" Port, 200 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	77.41	15.18
23 11 23 00-0114	EA	3/4" Port, 425 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	193.16	18.25
23 11 23 00-0115	EA	1-1/4" Port, 900 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	469.38	27.37
23 11 23 00-0116		Gas Stops *(23 11 23)*		
23 11 23 00-0117		Brass Gas Stops *(23 11 23 00-0116)*		
		Note: Flat or square head		
23 11 23 00-0118	EA	3/8" Gas Stop, Brass	32.14	7.92
23 11 23 00-0119	EA	1/2" Gas Stop, Brass	31.45	7.92
23 11 23 00-0120	EA	3/4" Gas Stop, Brass	41.69	8.72
23 11 23 00-0121	EA	1" Gas Stop, Brass	55.63	9.91
23 11 23 00-0122	EA	1-1/4" Gas Stop, Brass	72.82	10.54
23 11 23 00-0123	EA	1-1/2" Gas Stop, Brass	89.25	12.21
23 11 23 00-0124	EA	2" Gas Stop, Brass	118.25	14.43
23 11 23 00-0125		Iron Body Gas Stops *(23 11 23 00-0116)*		
23 11 23 00-0126	EA	1/2" Gas Stop, Iron Body	38.45	7.92
23 11 23 00-0127	EA	3/4" Gas Stop, Iron Body	48.57	8.72
23 11 23 00-0128	EA	1" Gas Stop, Iron Body	59.78	9.91
23 11 23 00-0129	EA	1-1/4" Gas Stop, Iron Body	76.86	10.54
23 11 23 00-0130	EA	1-1/2" Gas Stop, Iron Body	94.32	12.21
23 11 23 00-0131	EA	2" Gas Stop, Iron Body	119.40	14.43
23 11 23 00-0132	EA	2-1/2" Gas Stop, Iron Body	212.77	19.49
23 11 23 00-0133	EA	3" Gas Stop, Iron Body	277.45	22.63
23 11 23 00-0134		Bronze Body Solenoid Valves, 150 PSI Gas *(23 11 23)*		
23 11 23 00-0135	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Gas	79.65	7.92
23 11 23 00-0136	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Gas	92.27	7.92
23 11 23 00-0137	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Gas	118.35	8.72
23 11 23 00-0138	EA	1" Solenoid Valve, Bronze, 150 PSI, Gas	173.10	9.91
23 11 23 00-0139	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	303.51	12.21
23 11 23 00-0140	EA	2" Solenoid Valve, Bronze, 150 PSI, Gas	502.52	14.43
23 11 23 00-0141	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	626.10	19.49
23 11 23 00-0142	EA	3" Solenoid Valve, Bronze, 150 PSI, Gas	928.18	22.63

23 11 33 Facility Fiberglass Reinforced Piping *(23 11)*

23 11 33 00-0001		Fiberglass Reinforced Plastic Pipe And Fittings *(23 11 33)*		
23 11 33 00-0002		Fiberglass Reinforced Plastic Pipe *(23 11 33 00-0001)*		
		Note: For double containment fiberglass pipe, select both outer containment pipe size and inner containment pipe size (include in modifier for use as inner pipe).		
23 11 33 00-0003	LF	2" Fiberglass Reinforced Plastic Pipe	12.79	5.26
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-5.89*	
23 11 33 00-0004	LF	3" Fiberglass Reinforced Plastic Pipe	15.33	6.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-7.07*	
23 11 33 00-0005	LF	4" Fiberglass Reinforced Plastic Pipe	20.66	9.27
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-10.40*	
23 11 33 00-0006	LF	5" Fiberglass Reinforced Plastic Pipe	24.09	10.66
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-11.72*	
23 11 33 00-0007	LF	6" Fiberglass Reinforced Plastic Pipe	28.02	11.90
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-13.40*	
23 11 33 00-0008	LF	8" Fiberglass Reinforced Plastic Pipe	37.67	14.31
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-16.08*	
23 11 33 00-0009	LF	10" Fiberglass Reinforced Plastic Pipe	49.25	17.02
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-19.17*	
23 11 33 00-0010	LF	12" Fiberglass Reinforced Plastic Pipe	64.35	21.43
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-24.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 33 00-0011		**Fiberglass Reinforced Plastic Fittings** *(23 11 33 00-0001)*		
23 11 33 00-0012		**Fiberglass Reinforced Plastic Flanged 90 Degree Elbows** *(23 11 33 00-0011)*		
23 11 33 00-0013	EA	2" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	103.06	52.34
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-58.87*	
23 11 33 00-0014	EA	3" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	122.04	62.85
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-70.64*	
23 11 33 00-0015	EA	4" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	145.24	73.00
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-82.07*	
23 11 33 00-0016	EA	5" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	176.59	84.65
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-93.38*	
23 11 33 00-0017	EA	6" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	210.73	94.98
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-106.79*	
23 11 33 00-0018	EA	8" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	294.90	118.68
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-133.49*	
23 11 33 00-0019	EA	10" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	375.09	142.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-160.76*	
23 11 33 00-0020	EA	12" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	495.47	177.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-199.34*	
23 11 33 00-0021		**Fiberglass Reinforced Plastic Flanged 45 Degree Elbows** *(23 11 33 00-0011)*		
23 11 33 00-0022	EA	2" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	103.25	52.34
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-58.87*	
23 11 33 00-0023	EA	3" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	122.09	62.85
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-70.64*	
23 11 33 00-0024	EA	4" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	145.43	73.07
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-82.13*	
23 11 33 00-0025	EA	5" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	179.84	86.79
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-95.81*	
23 11 33 00-0026	EA	6" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	210.66	94.98
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-106.79*	
23 11 33 00-0027	EA	8" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	294.90	118.68
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-133.49*	
23 11 33 00-0028	EA	10" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	384.40	142.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-160.76*	
23 11 33 00-0029	EA	12" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	495.47	177.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-199.34*	
23 11 33 00-0030		**Fiberglass Reinforced Plastic Flanged Tees** *(23 11 33 00-0011)*		
23 11 33 00-0031	EA	2" Fiberglass Reinforced Plastic Flanged Tee	153.08	78.54
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-88.30*	
23 11 33 00-0032	EA	3" Fiberglass Reinforced Plastic Flanged Tee	186.77	94.60
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-106.34*	
23 11 33 00-0033	EA	4" Fiberglass Reinforced Plastic Flanged Tee	214.52	109.57
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-123.20*	
23 11 33 00-0034	EA	5" Fiberglass Reinforced Plastic Flanged Tee	260.91	130.15
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-143.77*	
23 11 33 00-0035	EA	6" Fiberglass Reinforced Plastic Flanged Tee	302.51	142.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-160.76*	
23 11 33 00-0036	EA	8" Fiberglass Reinforced Plastic Flanged Tee	377.92	177.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-199.34*	
23 11 33 00-0037	EA	10" Fiberglass Reinforced Plastic Flanged Tee	534.16	214.44
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-241.15*	
23 11 33 00-0038	EA	12" Fiberglass Reinforced Plastic Flanged Tee	687.52	260.72
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-293.15*	
23 11 33 00-0039		**Fiberglass Reinforced Plastic Flanged Wyes** *(23 11 33 00-0011)*		
23 11 33 00-0040	EA	2" Fiberglass Reinforced Plastic Flanged Wye	177.00	78.54
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-88.30*	
23 11 33 00-0041	EA	3" Fiberglass Reinforced Plastic Flanged Wye	220.84	94.46
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-106.22*	
23 11 33 00-0042	EA	4" Fiberglass Reinforced Plastic Flanged Wye	258.01	109.57
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-123.19*	
23 11 33 00-0043	EA	5" Fiberglass Reinforced Plastic Flanged Wye	297.95	130.15
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-143.77*	
23 11 33 00-0044	EA	6" Fiberglass Reinforced Plastic Flanged Wye	333.10	142.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-160.76*	
23 11 33 00-0045	EA	8" Fiberglass Reinforced Plastic Flanged Wye	426.29	177.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-199.34*	
23 11 33 00-0046	EA	10" Fiberglass Reinforced Plastic Flanged Wye	595.16	214.44
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-241.15*	
23 11 33 00-0047	EA	12" Fiberglass Reinforced Plastic Flanged Wye	754.02	260.72
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-293.15*	
23 11 33 00-0048		**Fiberglass Reinforced Plastic Flanged Concentric Reducers** *(23 11 33 00-0011)*		
23 11 33 00-0049	EA	2" Fiberglass Reinforced Plastic Flanged Concentric Reducer	108.44	52.34
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-58.87*	
23 11 33 00-0050	EA	3" Fiberglass Reinforced Plastic Flanged Concentric Reducer	135.49	62.85
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-70.64*	
23 11 33 00-0051	EA	4" Fiberglass Reinforced Plastic Flanged Concentric Reducer	152.75	73.07
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-82.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 33 00-0052	EA	5" Fiberglass Reinforced Plastic Flanged Concentric Reducer	177.72	86.79
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-95.81*	
23 11 33 00-0053	EA	6" Fiberglass Reinforced Plastic Flanged Concentric Reducer	199.09	94.98
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-106.79*	
23 11 33 00-0054	EA	8" Fiberglass Reinforced Plastic Flanged Concentric Reducer	257.01	118.68
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-133.49*	
23 11 33 00-0055	EA	10" Fiberglass Reinforced Plastic Flanged Concentric Reducer	319.55	142.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-160.76*	
23 11 33 00-0056	EA	12" Fiberglass Reinforced Plastic Flanged Concentric Reducer	418.19	177.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-199.34*	

23 11 33 00-0057 Fiberglass Reinforced Plastic Bell x Male Or Female Adapters *(23 11 33 00-0011)*

23 11 33 00-0058	EA	2" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	97.75	52.34
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-58.87*	
23 11 33 00-0059	EA	3" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	115.06	62.85
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-70.64*	
23 11 33 00-0060	EA	4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	132.34	73.07
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-82.13*	
23 11 33 00-0061	EA	4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	157.73	86.79
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-95.81*	
23 11 33 00-0062	EA	6" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	179.53	94.98
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-106.79*	
23 11 33 00-0063	EA	8" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	203.13	118.68
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-133.49*	
23 11 33 00-0064	EA	10" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	250.49	142.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-160.76*	
23 11 33 00-0065	EA	12" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	344.36	177.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-199.34*	

23 11 33 00-0066 Fiberglass Reinforced Plastic Nipples *(23 11 33 00-0011)*

23 11 33 00-0067	EA	2" x 6" Fiberglass Reinforced Plastic Nipple	14.74	6.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-7.07*	
23 11 33 00-0068	EA	2" x 12" Fiberglass Reinforced Plastic Nipple	29.42	12.55
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-14.09*	
23 11 33 00-0069	EA	3" x 8" Fiberglass Reinforced Plastic Nipple	37.70	9.63
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-10.85*	
23 11 33 00-0070	EA	3" x 12" Fiberglass Reinforced Plastic Nipple	45.94	13.31
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-14.96*	
23 11 33 00-0071	EA	4" x 8" Fiberglass Reinforced Plastic Nipple	39.84	9.47
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-10.68*	
23 11 33 00-0072	EA	4" x 12" Fiberglass Reinforced Plastic Nipple	50.89	14.24
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-16.01*	
23 11 33 00-0073	EA	6" x 12" Fiberglass Reinforced Plastic Nipple	61.11	15.95
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-17.62*	
23 11 33 00-0074	EA	6" x 12" Fiberglass Reinforced Plastic Nipple	71.35	17.09
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-19.25*	
23 11 33 00-0075	EA	8" x 18" Fiberglass Reinforced Plastic Nipple	49.04	19.93
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-22.43*	
23 11 33 00-0076	EA	8" x 24" Fiberglass Reinforced Plastic Nipple	68.21	28.48
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-32.02*	
23 11 33 00-0077	EA	10" x 18" Fiberglass Reinforced Plastic Nipple	68.61	20.29
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-22.79*	
23 11 33 00-0078	EA	10" x 24" Fiberglass Reinforced Plastic Nipple	102.91	30.33
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-34.13*	
23 11 33 00-0079	EA	12" x 18" Fiberglass Reinforced Plastic Nipple	77.25	20.93
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-23.51*	
23 11 33 00-0080	EA	12" x 24" Fiberglass Reinforced Plastic Nipple	105.24	31.33
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-35.26*	

23 11 33 00-0081 Fiberglass Reinforced Plastic Sleeve Couplings *(23 11 33 00-0011)*

23 11 33 00-0082	EA	2" Fiberglass Reinforced Plastic Sleeve Coupling	83.37	52.34
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-58.87*	
23 11 33 00-0083	EA	3" Fiberglass Reinforced Plastic Sleeve Coupling	100.14	62.85
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-70.64*	
23 11 33 00-0084	EA	4" Fiberglass Reinforced Plastic Sleeve Coupling	116.20	73.07
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-82.13*	
23 11 33 00-0085	EA	5" Fiberglass Reinforced Plastic Sleeve Coupling	137.00	86.79
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-95.81*	
23 11 33 00-0086	EA	6" Fiberglass Reinforced Plastic Sleeve Coupling	154.21	94.98
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-106.79*	
23 11 33 00-0087	EA	8" Fiberglass Reinforced Plastic Sleeve Coupling	195.31	118.68
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-133.49*	
23 11 33 00-0088	EA	10" Fiberglass Reinforced Plastic Sleeve Coupling	240.74	142.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-160.76*	
23 11 33 00-0089	EA	12" Fiberglass Reinforced Plastic Sleeve Coupling	296.90	177.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-199.34*	

23 11 33 00-0090 Fiberglass Reinforced Plastic Flanges *(23 11 33 00-0011)*

23 11 33 00-0091	EA	2" Fiberglass Reinforced Plastic Flange	83.98	52.34
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-58.87*	
23 11 33 00-0092	EA	3" Fiberglass Reinforced Plastic Flange	100.94	62.85
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-70.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 33 00-0093	EA	4" Fiberglass Reinforced Plastic Flange	115.74	71.12
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-79.95*	
23 11 33 00-0094	EA	5" Fiberglass Reinforced Plastic Flange	136.84	84.65
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-93.44*	
23 11 33 00-0095	EA	6" Fiberglass Reinforced Plastic Flange	157.75	94.98
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-106.79*	
23 11 33 00-0096	EA	8" Fiberglass Reinforced Plastic Flange	191.25	113.63
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-127.79*	
23 11 33 00-0097	EA	10" Fiberglass Reinforced Plastic Flange	246.25	142.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-160.76*	
23 11 33 00-0098	EA	12" Fiberglass Reinforced Plastic Flange	318.96	177.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-199.34*	

23 11 33 00-0099 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing And Fittings *(23 11 33)*

23 11 33 00-0100 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing *(23 11 33 00-0099)*

23 11 33 00-0101	LF	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	49.08	22.56
23 11 33 00-0102	LF	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	58.35	26.72
23 11 33 00-0103	LF	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	80.16	39.42
23 11 33 00-0104	LF	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	108.07	51.10
23 11 33 00-0105	LF	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	142.12	61.23
23 11 33 00-0106	LF	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	182.27	72.62
23 11 33 00-0107	LF	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	231.62	91.63

23 11 33 00-0108 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Fittings *(23 11 33 00-0099)*

23 11 33 00-0109 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbows *(23 11 33 00-0108)*

23 11 33 00-0110	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	742.96	279.14
23 11 33 00-0111	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	870.08	335.05
23 11 33 00-0112	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	1,056.77	389.36
23 11 33 00-0113	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	1,661.71	506.41
23 11 33 00-0114	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	2,493.36	633.14
23 11 33 00-0115	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	3,264.77	761.72
23 11 33 00-0116	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	4,281.38	943.27

23 11 33 00-0117 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbows *(23 11 33 00-0108)*

23 11 33 00-0118	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	743.67	279.14
23 11 33 00-0119	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	868.84	335.05
23 11 33 00-0120	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	1,055.79	389.36
23 11 33 00-0121	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	1,655.99	506.41
23 11 33 00-0122	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	2,485.08	633.14
23 11 33 00-0123	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	3,253.92	762.08
23 11 33 00-0124	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	4,269.22	945.41

23 11 33 00-0125 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tees *(23 11 33 00-0108)*

23 11 33 00-0126	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	1,066.67	418.70
23 11 33 00-0127	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	1,315.07	504.62
23 11 33 00-0128	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	1,500.10	584.34
23 11 33 00-0129	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	2,237.74	762.43
23 11 33 00-0130	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	2,809.70	945.41
23 11 33 00-0131	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	4,352.71	1,142.33
23 11 33 00-0132	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	5,759.98	1,385.03

23 11 33 00-0133 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wyes *(23 11 33 00-0108)*

23 11 33 00-0134	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	1,363.76	418.70
23 11 33 00-0135	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	1,739.34	504.03
23 11 33 00-0136	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	2,040.23	584.34
23 11 33 00-0137	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	2,617.48	762.43
23 11 33 00-0138	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	3,410.23	945.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 33 00-0139	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	5,110.17	1,142.33
23 11 33 00-0140	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	6,585.66	1,385.03
23 11 33 00-0141		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducers *(23 11 33 00-0108)*		
23 11 33 00-0142	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	790.37	279.14
23 11 33 00-0143	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	1,015.06	335.05
23 11 33 00-0144	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	1,120.74	389.36
23 11 33 00-0145	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	1,463.21	506.41
23 11 33 00-0146	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	1,930.52	633.14
23 11 33 00-0147	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	2,448.20	761.72
23 11 33 00-0148	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	3,306.52	943.27
23 11 33 00-0149		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapters *(23 11 33 00-0108)*		
23 11 33 00-0150	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	657.60	279.14
23 11 33 00-0151	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	761.50	335.05
23 11 33 00-0152	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	867.42	389.36
23 11 33 00-0153	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	1,220.41	506.41
23 11 33 00-0154	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	1,261.52	633.14
23 11 33 00-0155	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	1,590.68	761.72
23 11 33 00-0156	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	2,389.83	943.27
23 11 33 00-0157		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipples *(23 11 33 00-0108)*		
23 11 33 00-0158	EA	2" x 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	116.25	33.51
23 11 33 00-0159	EA	2" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	232.25	66.87
23 11 33 00-0160	EA	3" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	365.62	51.39
23 11 33 00-0161	EA	3" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	429.18	70.98
23 11 33 00-0162	EA	4" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	393.81	50.62
23 11 33 00-0163	EA	4" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	480.66	75.96
23 11 33 00-0164	EA	6" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	704.11	91.28
23 11 33 00-0165	EA	8" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	397.15	106.37
23 11 33 00-0166	EA	8" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	544.56	151.86
23 11 33 00-0167	EA	10" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	636.68	108.07
23 11 33 00-0168	EA	10" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	955.45	161.90
23 11 33 00-0169	EA	12" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	737.10	111.49
23 11 33 00-0170	EA	12" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	973.80	167.24
23 11 33 00-0171		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanges *(23 11 33 00-0108)*		
23 11 33 00-0172	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	681.99	379.19
23 11 33 00-0173	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	949.97	506.41
23 11 33 00-0174	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	1,167.96	606.15
23 11 33 00-0175	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	1,538.11	761.72
23 11 33 00-0176	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	2,074.41	943.27
23 12		**Facility Fuel Pumps** *(23 10)*		
23 12 13		**Facility Fuel-Oil Pumps** *(23 12)*		
23 12 13 00-0001		Cast Iron Internal Gear Rotary Pump *(23 12 13)* Note: Heavy duty type with relief valve, 1150 RPM drip-proof motor, common base plate. For viscosity to 20 centipoise; diesel oil, and light oil.		
23 12 13 00-0002		10 GPM 1" Discharge *(23 12 13 00-0001)*		
23 12 13 00-0003	EA	10 GPM Cast Iron Rotary Pump, 20 PSI 1/2 HP With 1" Discharge	1,865.55	275.71
23 12 13 00-0004	EA	10 GPM Cast Iron Rotary Pump, 40 PSI 3/4 HP With 1" Discharge	1,932.93	333.71
23 12 13 00-0005	EA	10 GPM Cast Iron Rotary Pump, 60 PSI 1 HP With 1" Discharge	2,098.34	396.45
23 12 13 00-0006		25 GPM 1-1/4" Discharge *(23 12 13 00-0001)*		
23 12 13 00-0007	EA	25 GPM Cast Iron Rotary Pump, 20 PSI 1 HP With 1-1/4" Discharge	1,941.57	275.71
23 12 13 00-0008	EA	25 GPM Cast Iron Rotary Pump, 40 PSI 1.5 HP With 1-1/4" Discharge	2,034.37	333.71
23 12 13 00-0009	EA	25 GPM Cast Iron Rotary Pump, 60 PSI 2 HP With 1-1/4" Discharge	2,127.03	396.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 12 13 00-0010		Pump, Fuel Oil, 2 Stage 3450 RPM 100 PSI *(23 12 13)*		
23 12 13 00-0011	EA	1/4 HP Pump Fuel Oil/Diesel	1,373.41	154.49
23 12 13 00-0012	EA	1/3 HP Pump Fuel Oil/Diesel	1,621.76	173.04
23 12 13 00-0013	EA	1/2 HP Pump Fuel Oil/Diesel	1,769.27	193.94
23 12 13 00-0014	EA	3/4 HP Pump Fuel Oil/Diesel	1,924.38	218.67
23 12 13 00-0015	EA	1 HP Pump Fuel Oil/Diesel	2,759.18	243.39
23 12 13 00-0016	EA	1-1/2 HP Pump Fuel Oil/Diesel	3,395.27	272.38
23 12 13 00-0017	EA	2 HP Pump Fuel Oil/Diesel	3,759.91	305.18
23 12 13 00-0018	EA	3 HP Pump Fuel Oil/Diesel	4,609.54	341.31
23 12 13 00-0019	EA	5 HP Pump Fuel Oil/Diesel	5,449.68	382.67
23 12 13 00-0020	EA	7.5 HP Pump Fuel Oil/Diesel	6,100.97	429.25
23 12 13 00-0021	EA	10 HP Pump Fuel Oil/Diesel	6,840.48	481.16
23 12 16		**Facility Gasoline Dispensing Pumps** *(23 12)*		
23 12 16 00-0001		Unloading Hose And Accessories *(23 12 16)*		
23 12 16 00-0002		Hoses With Braided Rayon Cord, Neoprene Cover, And End Couplings *(23 12 16 00-0001)*		
23 12 16 00-0003		Two Braid Hose x 25' *(23 12 16 00-0002)*		
23 12 16 00-0004	EA	3/4" x 1-3/4", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	173.83	29.61
23 12 16 00-0005	EA	1" x 1-1/2", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	196.04	29.61
23 12 16 00-0006	EA	1-1/4" x 1-3/4", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	257.97	29.61
23 12 16 00-0007		Two Braid Hose x 50' *(23 12 16 00-0002)*		
23 12 16 00-0008	EA	3/4" x 1-3/4", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	346.67	59.97
23 12 16 00-0009	EA	1" x 1-1/2", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	390.11	59.97
23 12 16 00-0010	EA	1-1/4" x 1-3/4", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	515.32	59.97
23 12 16 00-0011		Three Braid Hose x 25' *(23 12 16 00-0002)*		
23 12 16 00-0012	EA	1-1/2" x 2-3/32", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	373.39	29.61
23 12 16 00-0013	EA	2" x 2-21/32", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	467.00	39.98
23 12 16 00-0014	EA	2-1/2" x 3-3/16", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	647.83	49.61
23 12 16 00-0015	EA	3" x 3-3/4", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	810.59	59.97
23 12 16 00-0016		Three Braid Hose x 50' *(23 12 16 00-0002)*		
23 12 16 00-0017	EA	1-1/2" x 2-3/32", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	675.47	59.97
23 12 16 00-0018	EA	2" x 2-21/32", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	835.72	79.22
23 12 16 00-0019	EA	2-1/2" x 3-3/16", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	1,115.84	99.94
23 12 16 00-0020	EA	3" x 3-3/4", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	1,358.45	119.19
23 12 16 00-0021		Tank Car Unloading Hose Assemblies *(23 12 16 00-0001)*		
23 12 16 00-0022		Flexible Galvanized Hose Assemblies *(23 12 16 00-0021)* Note: Each end includes a female coupling.		
23 12 16 00-0023	EA	2" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	427.05	69.59
23 12 16 00-0024	EA	2-1/2" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	515.45	69.59
23 12 16 00-0025	EA	3" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	606.01	69.59
23 12 16 00-0026	EA	4" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	959.63	69.59
23 12 16 00-0027		Standard Gas Station Pumps *(23 12 16)*		
23 12 16 00-0028		Gasoline Pumps *(23 12 16 00-0027)* Note: With polished stainless steel dial frame, stainless steel nozzle side panel. Four wheel, self- timing meter, cable retractor, 120 mesh cartridge strainer (60 mesh for diesel fuels). Internal gear pump, reverse flow air separator, 1/2" connector. High speed pump, 3/4 H.P. motor, 1" hose and standard nozzle.		
23 12 16 00-0029	EA	Standard Gas Station Pump, 3/4 HP Motor 1" Hose And Standard Nozzle	5,038.11	592.27
23 12 16 00-0030		Gasoline Pumps With Vapor Recovery System *(23 12 16 00-0027)* Note: With polished stainless steel dial frame, stainless steel nozzle side panel. Four wheel, self- timing meter, cable retractor, 120 mesh cartridge strainer (60 mesh for diesel fuels). Internal gear pump, reverse flow air separator, 1/2" connector. High speed pump, 3/4 H.P. motor, 1" hose and standard nozzle.		
23 12 16 00-0031	EA	Standard Gas Station Pump, 3/4 HP Motor 1" Hose And Standard Nozzle With Vapor Recovery	10,233.73	888.42
23 12 23		**Facility Natural-Gas Pumps** *(23 12)*		
23 12 23 00-0001		Natural Gas Booster Pump *(23 12 23)*		
23 12 23 00-0002	EA	Natural Gas Booster Pump, 3/4" Outlet Size	711.50	142.61
23 12 23 00-0003	EA	Natural Gas Booster Pump, 1" Outlet Size	835.64	159.24
23 12 23 00-0004	EA	Natural Gas Booster Pump, 1-1/4" Outlet Size	926.73	166.38
23 12 23 00-0005	EA	Natural Gas Booster Pump, 1-1/2" Outlet Size	1,038.79	173.51
23 12 23 00-0006	EA	Natural Gas Booster Pump, 2" Outlet Size	1,160.13	178.26
23 13		Facility Fuel-Storage Tanks *(23 10)*		
23 13 13		**Facility Underground Fuel-Oil, Storage Tanks** *(23 13)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 13 13 13 Double-Wall Steel, Underground Fuel-Oil, Storage Tanks *(23 13 13)*

23 13 13 13-0001 Coated Underground Double Wall Storage Tanks *(23 13 13 13)*

Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping.

23 13 13 13-0002	EA	250 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	4,639.71	601.92
23 13 13 13-0003	EA	550 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	4,966.91	601.92
23 13 13 13-0004	EA	1000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	7,066.24	752.36
23 13 13 13-0005	EA	2000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	10,093.13	1,469.53
23 13 13 13-0006	EA	3000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	15,644.19	1,889.29
23 13 13 13-0007	EA	4000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	17,489.84	2,169.91
23 13 13 13-0008	EA	5000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	19,378.87	2,869.07
23 13 13 13-0009	EA	6000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	20,147.00	3,080.45
23 13 13 13-0010	EA	8000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	24,474.83	3,639.16
23 13 13 13-0011	EA	10000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	28,329.00	4,197.50
23 13 13 13-0012	EA	12000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	35,525.50	4,615.95
23 13 13 13-0013	EA	14000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	42,240.04	5,604.51
23 13 13 13-0014	EA	15000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	43,781.44	5,947.83
23 13 13 13-0015	EA	20000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	55,742.99	9,434.50
23 13 13 13-0016	EA	25000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	69,111.42	12,234.24
23 13 13 13-0017	EA	30000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	81,034.71	13,998.20
23 13 13 13-0018	EA	40000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	101,423.44	15,048.06
23 13 13 13-0019	EA	48000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	132,713.00	15,433.94

23 13 13 19 Jacketed, Steel, Underground Fuel-Oil, Storage Tanks *(23 13 13)*

23 13 13 19-0001 Coated Underground Single Wall Storage Tanks *(23 13 13 19)*

Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping.

23 13 13 19-0002	EA	250 Gallon Steel Storage Tank, With 10 Gauge Shell, Underground	4,204.12	1,074.04
		Note: Includes setting in place with hold down bars.		
		For 20-Year Warranty Galvanic Protection, Add	*693.01*	
23 13 13 19-0003	EA	550 Gallon Steel Storage Tank, With 10 Gauge Shell, Underground	5,138.96	1,209.36
		Note: Includes setting in place with hold down bars.		
		For 20-Year Warranty Galvanic Protection, Add	*881.63*	
23 13 13 19-0004	EA	1000 Gallon Steel Storage Tank, With 7 Gauge Shell, Underground	5,785.81	1,336.31
		Note: Includes setting in place with hold down bars.		
		For 20-Year Warranty Galvanic Protection, Add	*1,001.02*	
23 13 13 19-0005	EA	2000 Gallon Steel Storage Tank, With 7 Gauge Shell, Underground	9,363.48	1,758.64
		Note: Includes setting in place with hold down bars.		
		For 20-Year Warranty Galvanic Protection, Add	*1,754.70*	
23 13 13 19-0006	EA	2500 Gallon Steel Storage Tank, With 7 Gauge Shell, Underground	8,826.41	1,910.84
		Note: Includes setting in place with hold down bars.		
		For 20-Year Warranty Galvanic Protection, Add	*1,540.02*	
23 13 13 19-0007	EA	4000 Gallon Steel Storage Tank, With 3/16" Shell, Underground	12,156.48	2,087.13
		Note: Includes setting in place with hold down bars.		
		For 20-Year Warranty Galvanic Protection, Add	*2,311.06*	
23 13 13 19-0008	EA	5000 Gallon Steel Storage Tank, With 1/4" Shell, Underground	13,873.92	2,658.63
		Note: Includes setting in place with hold down bars.		
		For 20-Year Warranty Galvanic Protection, Add	*2,541.04*	
23 13 13 19-0009	EA	7500 Gallon Steel Storage Tank, With 1/4" Shell, Underground	19,176.95	3,148.10
		Note: Includes setting in place with hold down bars.		
		For 20-Year Warranty Galvanic Protection, Add	*3,696.06*	
23 13 13 19-0010	EA	8000 Gallon Steel Storage Tank, With 1/4" Shell, Underground	23,351.97	3,289.21
		Note: Includes setting in place with hold down bars.		
		For 20-Year Warranty Galvanic Protection, Add	*4,690.60*	
23 13 13 19-0011	EA	10000 Gallon Steel Storage Tank, With 1/4" Shell, Underground	21,907.96	3,780.92
		Note: Includes setting in place with hold down bars.		
		For 20-Year Warranty Galvanic Protection, Add	*4,158.06*	
23 13 13 19-0012	EA	10000 Gallon Steel Storage Tank, With 5/16" Shell, Underground	26,879.85	3,780.92
		Note: Includes setting in place with hold down bars.		
		For 20-Year Warranty Galvanic Protection, Add	*5,401.04*	
23 13 13 19-0013	EA	12000 Gallon Steel Storage Tank, With 5/16" Shell, Underground	31,542.72	4,546.24
		Note: Includes setting in place with hold down bars.		
		For 20-Year Warranty Galvanic Protection, Add	*6,299.78*	
23 13 13 19-0014	EA	15000 Gallon Steel Storage Tank, With 5/16" Shell, Underground	38,404.88	5,317.36
		Note: Includes setting in place with hold down bars.		
		For 20-Year Warranty Galvanic Protection, Add	*7,746.34*	
23 13 13 19-0015	EA	20000 Gallon Steel Storage Tank, With 5/16" Shell, Underground	41,648.21	8,877.93
		Note: Includes setting in place with hold down bars.		
		For 20-Year Warranty Galvanic Protection, Add	*7,315.11*	
23 13 13 19-0016	EA	30000 Gallon Steel Storage Tank, With 3/8" Shell, Underground	63,242.33	13,316.86
		Note: Includes setting in place with hold down bars.		
		For 20-Year Warranty Galvanic Protection, Add	*11,165.17*	

23 13 13 23 Glass-Fiber-Reinforced-Plastic, Underground Fuel-Oil, Storage Tanks *(23 13 13)*

23 13 13 23-0001 Underground Fiberglass Storage Tanks *(23 13 13 23)*

23 13 13 23-0002 Single Wall Fiberglass Underground Storage Tanks *(23 13 13 23-0001)*

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

23 13 13 23-0003	EA	550 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	2,397.95	601.92
23 13 13 23-0004	EA	1000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	3,009.76	752.36
23 13 13 23-0005	EA	2000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	3,911.44	930.88
23 13 13 23-0006	EA	2500 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	4,483.20	1,133.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 13 23-0007	EA	3000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	5,048.17	1,329.82
23 13 13 23-0008	EA	4000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	6,209.04	1,749.77
23 13 13 23-0009	EA	5000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	7,703.84	2,659.66
23 13 13 23-0010	EA	6000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	8,894.39	3,359.57
23 13 13 23-0011	EA	8000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	10,529.32	3,779.52
23 13 13 23-0012	EA	10000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	11,987.85	4,479.43
23 13 13 23-0013	EA	12000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	15,177.47	5,319.31
23 13 13 23-0014	EA	15000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	18,764.62	6,649.14
23 13 13 23-0015	EA	20000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	23,901.35	8,888.86
23 13 13 23-0016	EA	25000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	34,579.18	11,058.57
23 13 13 23-0017	EA	30000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	42,128.51	13,298.29
23 13 13 23-0018	EA	40000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	60,469.61	19,247.52
23 13 13 23-0019	EA	50000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	84,521.94	24,496.84

23 13 13 23-0020 Double Wall Fiberglass Underground Storage Tanks *(23 13 13 23-0001)*

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

23 13 13 23-0021	EA	550 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	4,359.89	601.92
23 13 13 23-0022	EA	1000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	5,724.86	752.36
23 13 13 23-0023	EA	2000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	6,867.72	909.88
23 13 13 23-0024	EA	3000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	9,008.17	1,329.92
23 13 13 23-0025	EA	4000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	10,251.54	1,749.77
23 13 13 23-0026	EA	5000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	12,147.84	2,659.66
23 13 13 23-0027	EA	6000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	13,734.39	3,359.57
23 13 13 23-0028	EA	8000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	16,689.32	3,779.52
23 13 13 23-0029	EA	10000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	18,147.85	4,479.43
23 13 13 23-0030	EA	12000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	21,887.47	5,319.31
23 13 13 23-0031	EA	15000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	29,792.12	6,649.14
23 13 13 23-0032	EA	20000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	37,211.35	8,888.86
23 13 13 23-0033	EA	30000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	57,198.51	13,298.29

23 13 13 23-0034 Underground Storage Tank Pump Enclosures *(23 13 13 23)*

23 13 13 23-0035	EA	Secondary Containment Collar	649.25
23 13 13 23-0036	EA	Turbine Enclosure With Lid 4' Long x 42" Diameter	649.25
23 13 13 23-0037	EA	Fitting Kit For Turbine Enclosure	129.85
23 13 13 23-0038	EA	Grommet Kits For Plumbing And Electrical	259.70
23 13 13 23-0039	EA	Turbine Electrical Coupling Kit	324.63

23 13 23 Facility Aboveground Fuel-Oil, Storage Tanks *(23 13)*

23 13 23 13 Vertical, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 13-0001 Fuel Day Tank *(23 13 23 13)*

Note: Includes day tank with standard equipment, pump, pump control, level control, backup level control, level alarms, alarm outputs.

23 13 23 13-0002	EA	10 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	903.79	123.94
23 13 23 13-0003	EA	15 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	969.59	130.13
23 13 23 13-0004	EA	25 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,051.92	139.43
23 13 23 13-0005	EA	50 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,204.82	148.73
23 13 23 13-0006	EA	60 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,339.98	154.92
23 13 23 13-0007	EA	75 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,580.74	185.91
23 13 23 13-0008	EA	100 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,116.53	216.89
23 13 23 13-0009	EA	150 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,669.97	247.87
23 13 23 13-0010	EA	200 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,412.53	278.86
23 13 23 13-0011	EA	275 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,803.33	309.84
23 13 23 13-0012	EA	300 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,357.98	371.81
23 13 23 13-0013	EA	350 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,887.42	433.78
23 13 23 13-0014	EA	400 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,431.99	495.75
23 13 23 13-0015	EA	450 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,020.73	526.73
23 13 23 13-0016	EA	500 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,613.26	557.72
23 13 23 13-0017	EA	550 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,285.22	588.70
23 13 23 13-0018	EA	600 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,873.97	619.68
23 13 23 13-0019	EA	700 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,786.58	743.62
23 13 23 13-0020	EA	800 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,478.66	805.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0021	EA	900 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,417.75	929.53
23 13 23 13-0022	EA	1000 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,360.62	1,053.46
23 13 23 13-0023	EA	10 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,087.87	123.94
23 13 23 13-0024	EA	15 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,154.93	130.13
23 13 23 13-0025	EA	25 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,237.26	139.43
23 13 23 13-0026	EA	50 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,388.90	148.73
23 13 23 13-0027	EA	60 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,524.05	154.92
23 13 23 13-0028	EA	75 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,766.08	185.91
23 13 23 13-0029	EA	100 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,319.52	216.89
23 13 23 13-0030	EA	150 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,872.96	247.87
23 13 23 13-0031	EA	200 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,615.52	278.86
23 13 23 13-0032	EA	275 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,006.32	309.84
23 13 23 13-0033	EA	300 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,560.97	371.81
23 13 23 13-0034	EA	350 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,090.41	433.78
23 13 23 13-0035	EA	400 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,634.98	495.75
23 13 23 13-0036	EA	450 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,223.72	526.73
23 13 23 13-0037	EA	500 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,816.25	557.72
23 13 23 13-0038	EA	550 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,489.47	588.70
23 13 23 13-0039	EA	600 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,078.22	619.68
23 13 23 13-0040	EA	700 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,989.57	743.62
23 13 23 13-0041	EA	800 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,681.65	805.59
23 13 23 13-0042	EA	900 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,620.74	929.53
23 13 23 13-0043	EA	1000 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,563.61	1,053.46
23 13 23 13-0044	EA	10 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	1,785.09	123.94
23 13 23 13-0045	EA	15 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	1,844.60	130.13
23 13 23 13-0046	EA	25 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	1,899.18	139.43
23 13 23 13-0047	EA	50 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,101.26	148.73
23 13 23 13-0048	EA	60 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,178.41	154.92
23 13 23 13-0049	EA	75 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,411.61	185.91
23 13 23 13-0050	EA	100 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,900.75	216.89
23 13 23 13-0051	EA	150 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,653.40	247.87
23 13 23 13-0052	EA	200 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,108.50	278.86
23 13 23 13-0053	EA	275 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,354.13	309.84
23 13 23 13-0054	EA	300 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,057.55	371.81
23 13 23 13-0055	EA	350 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,488.64	433.78
23 13 23 13-0056	EA	400 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,068.52	495.75
23 13 23 13-0057	EA	450 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,630.79	526.73
23 13 23 13-0058	EA	500 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,369.57	557.72
23 13 23 13-0059	EA	550 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,682.20	588.70
23 13 23 13-0060	EA	600 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,963.30	619.68
23 13 23 13-0061	EA	700 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,262.99	743.62
23 13 23 13-0062	EA	800 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,506.04	805.59
23 13 23 13-0063	EA	900 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,881.37	929.53
23 13 23 13-0064	EA	1000 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	14,278.13	1,053.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0065	EA	10 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,617.23	123.94
23 13 23 13-0066	EA	15 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,676.73	130.13
23 13 23 13-0067	EA	25 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,731.32	139.43
23 13 23 13-0068	EA	50 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,933.40	148.73
23 13 23 13-0069	EA	60 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,010.55	154.92
23 13 23 13-0070	EA	75 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,243.74	185.91
23 13 23 13-0071	EA	100 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,732.89	216.89
23 13 23 13-0072	EA	150 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,485.54	247.87
23 13 23 13-0073	EA	200 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,996.11	278.86
23 13 23 13-0074	EA	275 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,896.28	309.84
23 13 23 13-0075	EA	300 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,599.70	371.81
23 13 23 13-0076	EA	350 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,032.05	433.78
23 13 23 13-0077	EA	400 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,610.67	495.75
23 13 23 13-0078	EA	450 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,174.20	526.73
23 13 23 13-0079	EA	500 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,911.72	557.72
23 13 23 13-0080	EA	550 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,224.35	588.70
23 13 23 13-0081	EA	600 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,505.45	619.68
23 13 23 13-0082	EA	700 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,805.14	743.62
23 13 23 13-0083	EA	800 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,049.45	805.59
23 13 23 13-0084	EA	900 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	13,423.52	929.53
23 13 23 13-0085	EA	1000 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	14,820.28	1,053.46
23 13 23 13-0086	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,082.47	123.94
23 13 23 13-0087	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,148.27	130.13
23 13 23 13-0088	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,204.12	139.43
23 13 23 13-0089	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,412.50	148.73
23 13 23 13-0090	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,524.96	154.92
23 13 23 13-0091	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,737.98	185.91
23 13 23 13-0092	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,246.04	216.89
23 13 23 13-0093	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,033.99	247.87
23 13 23 13-0094	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,505.48	278.86
23 13 23 13-0095	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,799.02	309.84
23 13 23 13-0096	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,537.74	371.81
23 13 23 13-0097	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,929.75	433.78
23 13 23 13-0098	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,585.27	495.75
23 13 23 13-0099	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,263.54	526.73
23 13 23 13-0100	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,945.58	557.72
23 13 23 13-0101	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,294.77	588.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0102	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,556.97	619.68
23 13 23 13-0103	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,913.39	743.62
23 13 23 13-0104	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,215.70	805.59
23 13 23 13-0105	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,650.29	929.53
23 13 23 13-0106	EA	1000 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	16,103.79	1,053.46
23 13 23 13-0107	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,914.60	123.94
23 13 23 13-0108	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,980.41	130.13
23 13 23 13-0109	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,036.25	139.43
23 13 23 13-0110	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,244.64	148.73
23 13 23 13-0111	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,357.09	154.92
23 13 23 13-0112	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,567.60	185.91
23 13 23 13-0113	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,078.17	216.89
23 13 23 13-0114	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,866.12	247.87
23 13 23 13-0115	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,337.61	278.86
23 13 23 13-0116	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,341.16	309.84
23 13 23 13-0117	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,079.89	371.81
23 13 23 13-0118	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,597.98	433.78
23 13 23 13-0119	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,127.42	495.75
23 13 23 13-0120	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,805.69	526.73
23 13 23 13-0121	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,487.73	557.72
23 13 23 13-0122	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,836.92	588.70
23 13 23 13-0123	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,100.38	619.68
23 13 23 13-0124	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,455.54	743.62
23 13 23 13-0125	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,757.85	805.59
23 13 23 13-0126	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	15,192.43	929.53
23 13 23 13-0127	EA	1000 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	16,645.94	1,053.46
23 13 23 13-0128	EA	150% Containment Double Wall Open Top Basin For 10 Gallon Tank	895.57	123.94
23 13 23 13-0129	EA	150% Containment Double Wall Open Top Basin For 15 Gallon Tank	969.14	130.13
23 13 23 13-0130	EA	150% Containment Double Wall Open Top Basin For 25 Gallon Tank	1,051.21	139.43
23 13 23 13-0131	EA	150% Containment Double Wall Open Top Basin For 50 Gallon Tank	1,198.17	148.73
23 13 23 13-0132	EA	150% Containment Double Wall Open Top Basin For 60 Gallon Tank	1,579.63	154.92
23 13 23 13-0133	EA	150% Containment Double Wall Open Top Basin For 75 Gallon Tank	1,631.27	185.91
23 13 23 13-0134	EA	150% Containment Double Wall Open Top Basin For 100 Gallon Tank	2,045.72	216.89
23 13 23 13-0135	EA	150% Containment Double Wall Open Top Basin For 150 Gallon Tank	2,525.08	247.87
23 13 23 13-0136	EA	150% Containment Double Wall Open Top Basin For 200 Gallon Tank	3,302.34	278.86
23 13 23 13-0137	EA	150% Containment Double Wall Open Top Basin For 275 Gallon Tank	4,136.19	309.84
23 13 23 13-0138	EA	150% Containment Double Wall Open Top Basin For 300 Gallon Tank	4,965.09	371.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0139	EA	150% Containment Double Wall Open Top Basin For 350 Gallon Tank	5,346.30	433.78
23 13 23 13-0140	EA	150% Containment Double Wall Open Top Basin For 400 Gallon Tank	5,729.19	495.75
23 13 23 13-0141	EA	150% Containment Double Wall Open Top Basin For 450 Gallon Tank	6,285.10	526.73
23 13 23 13-0142	EA	150% Containment Double Wall Open Top Basin For 500 Gallon Tank	6,842.68	557.72
23 13 23 13-0143	EA	150% Containment Double Wall Open Top Basin For 550 Gallon Tank	7,328.71	588.70
23 13 23 13-0144	EA	150% Containment Double Wall Open Top Basin For 600 Gallon Tank	7,819.70	619.68
23 13 23 13-0145	EA	150% Containment Double Wall Open Top Basin For 700 Gallon Tank	8,861.72	743.62
23 13 23 13-0146	EA	150% Containment Double Wall Open Top Basin For 800 Gallon Tank	9,830.42	805.59
23 13 23 13-0147	EA	150% Containment Double Wall Open Top Basin For 900 Gallon Tank	10,929.03	929.53
23 13 23 13-0148	EA	150% Containment Double Wall Open Top Basin For 1000 Gallon Tank	11,991.03	1,053.46
23 13 23 13-0149	EA	200% Containment Double Wall Open Top Basin For 10 Gallon Tank	944.18	130.13
23 13 23 13-0150	EA	200% Containment Double Wall Open Top Basin For 15 Gallon Tank	1,026.43	139.43
23 13 23 13-0151	EA	200% Containment Double Wall Open Top Basin For 25 Gallon Tank	1,112.18	148.73
23 13 23 13-0152	EA	200% Containment Double Wall Open Top Basin For 50 Gallon Tank	1,261.29	154.92
23 13 23 13-0153	EA	200% Containment Double Wall Open Top Basin For 60 Gallon Tank	1,704.68	185.91
23 13 23 13-0154	EA	200% Containment Double Wall Open Top Basin For 75 Gallon Tank	1,756.32	216.89
23 13 23 13-0155	EA	200% Containment Double Wall Open Top Basin For 100 Gallon Tank	2,190.93	247.87
23 13 23 13-0156	EA	200% Containment Double Wall Open Top Basin For 150 Gallon Tank	2,694.05	278.86
23 13 23 13-0157	EA	200% Containment Double Wall Open Top Basin For 200 Gallon Tank	3,511.62	309.84
23 13 23 13-0158	EA	200% Containment Double Wall Open Top Basin For 275 Gallon Tank	4,388.92	340.83
23 13 23 13-0159	EA	200% Containment Double Wall Open Top Basin For 300 Gallon Tank	5,258.14	402.79
23 13 23 13-0160	EA	200% Containment Double Wall Open Top Basin For 350 Gallon Tank	5,654.80	464.76
23 13 23 13-0161	EA	200% Containment Double Wall Open Top Basin For 400 Gallon Tank	6,053.21	526.73
23 13 23 13-0162	EA	200% Containment Double Wall Open Top Basin For 450 Gallon Tank	6,637.14	557.72
23 13 23 13-0163	EA	200% Containment Double Wall Open Top Basin For 500 Gallon Tank	7,222.83	588.70
23 13 23 13-0164	EA	200% Containment Double Wall Open Top Basin For 550 Gallon Tank	7,732.99	619.68
23 13 23 13-0165	EA	200% Containment Double Wall Open Top Basin For 600 Gallon Tank	8,300.03	681.65
23 13 23 13-0166	EA	200% Containment Double Wall Open Top Basin For 700 Gallon Tank	9,388.47	805.59
23 13 23 13-0167	EA	200% Containment Double Wall Open Top Basin For 800 Gallon Tank	10,508.53	929.53
23 13 23 13-0168	EA	200% Containment Double Wall Open Top Basin For 900 Gallon Tank	11,656.69	1,053.46
23 13 23 13-0169	EA	200% Containment Double Wall Open Top Basin For 1000 Gallon Tank	12,766.21	1,177.40
23 13 23 13-0170	EA	150% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	1,027.04	123.94
23 13 23 13-0171	EA	150% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	1,117.26	130.13
23 13 23 13-0172	EA	150% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	1,209.32	139.43
23 13 23 13-0173	EA	150% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,389.56	148.73
23 13 23 13-0174	EA	150% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	1,842.58	154.92
23 13 23 13-0175	EA	150% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	1,894.22	185.91
23 13 23 13-0176	EA	150% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	2,368.59	216.89
23 13 23 13-0177	EA	150% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	2,926.17	247.87
23 13 23 13-0178	EA	150% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	3,839.44	278.86
23 13 23 13-0179	EA	150% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	4,861.81	309.84
23 13 23 13-0180	EA	150% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	5,838.83	371.81
23 13 23 13-0181	EA	150% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	6,271.63	433.78
23 13 23 13-0182	EA	150% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	6,707.78	495.75
23 13 23 13-0183	EA	150% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	7,368.54	526.73
23 13 23 13-0184	EA	150% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	8,030.97	557.72
23 13 23 13-0185	EA	150% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	8,595.20	588.70
23 13 23 13-0186	EA	150% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	9,172.75	619.68
23 13 23 13-0187	EA	150% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	10,389.52	743.62
23 13 23 13-0188	EA	150% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	11,534.63	805.59
23 13 23 13-0189	EA	150% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	12,807.99	929.53
23 13 23 13-0190	EA	150% Containment Double Wall Sealed Top Basin For 1000 Gallon Tank	14,044.73	1,053.46
23 13 23 13-0191	EA	200% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	1,082.96	130.13
23 13 23 13-0192	EA	200% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	1,182.78	139.43
23 13 23 13-0193	EA	200% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	1,279.07	148.73
23 13 23 13-0194	EA	200% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,463.32	154.92
23 13 23 13-0195	EA	200% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	1,982.25	185.91
23 13 23 13-0196	EA	200% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	2,033.89	216.89
23 13 23 13-0197	EA	200% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	2,531.73	247.87
23 13 23 13-0198	EA	200% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	3,117.42	278.86
23 13 23 13-0199	EA	200% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	4,078.57	309.84
23 13 23 13-0200	EA	200% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	5,154.86	340.83
23 13 23 13-0201	EA	200% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	6,180.42	402.79
23 13 23 13-0202	EA	200% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	6,631.54	464.76
23 13 23 13-0203	EA	200% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	7,086.17	526.73
23 13 23 13-0204	EA	200% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	7,780.77	557.72
23 13 23 13-0205	EA	200% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	8,477.13	588.70
23 13 23 13-0206	EA	200% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	9,069.84	619.68
23 13 23 13-0207	EA	200% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	9,728.25	681.65
23 13 23 13-0208	EA	200% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	11,001.14	805.59
23 13 23 13-0209	EA	200% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	12,307.42	929.53
23 13 23 13-0210	EA	200% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	13,640.04	1,053.46
23 13 23 13-0211	EA	200% Containment Double Wall Sealed Top Basin For 1000 Gallon Tank	14,934.01	1,177.40

23 13 23 16 Horizontal, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 16-0001 Single Wall Aboveground Storage Tanks *(23 13 23 16)*

Note: Includes supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.

23 13 23 16-0002	EA	275 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	1,883.71	673.60
23 13 23 16-0003	EA	550 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	2,269.90	815.40
23 13 23 16-0004	EA	1000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	3,012.24	1,069.05
23 13 23 16-0005	EA	1500 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	3,851.54	1,336.31
23 13 23 16-0006	EA	2000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	4,775.02	1,719.81
23 13 23 16-0007	EA	3000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	6,414.48	1,770.40

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 16-0008	EA	5000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	8,957.98	2,188.85
23 13 23 16-0009	EA	8000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	11,826.22	2,508.01
23 13 23 16-0010	EA	10000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	13,853.52	2,735.99
23 13 23 16-0011	EA	12000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	15,922.53	3,009.61
23 13 23 16-0012	EA	15000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	17,638.13	3,343.98
23 13 23 16-0013	EA	20000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	22,148.57	4,299.40
23 13 23 16-0014	EA	30000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	29,437.27	5,016.02

23 13 23 16-0015 Double Wall Aboveground Storage Tanks *(23 13 23 16)*

Note: Includes supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.

23 13 23 16-0016	EA	275 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	2,771.17	840.50
23 13 23 16-0017	EA	550 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	3,336.69	1,017.11
23 13 23 16-0018	EA	1000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	4,439.05	1,336.31
23 13 23 16-0019	EA	1500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	5,693.22	1,670.39
23 13 23 16-0020	EA	2000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	6,977.30	2,149.75
23 13 23 16-0021	EA	3000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	9,692.75	2,212.92
23 13 23 16-0022	EA	5000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	13,690.33	2,726.10
23 13 23 16-0023	EA	8000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	18,318.14	3,135.04
23 13 23 16-0024	EA	10000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	21,577.95	3,420.04
23 13 23 16-0025	EA	12000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	24,880.60	3,761.97
23 13 23 16-0026	EA	15000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	27,555.42	4,180.05
23 13 23 16-0027	EA	20000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	34,542.49	5,374.28
23 13 23 16-0028	EA	30000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	46,323.51	6,269.98

23 13 23 19 Containment-Dike, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 19-0001 Secondary Containment For Above Ground Tanks *(23 13 23 19)*

23 13 23 19-0002	EA	Steel Dike For 550 Gallon Tank, Uncoated	2,829.56	
23 13 23 19-0003	EA	Steel Dike For 1,000 Gallon Tank, Uncoated	3,421.91	
23 13 23 19-0004	EA	Steel Dike For 2,000 Gallon Tank, Uncoated	7,388.76	
23 13 23 19-0005	EA	Steel Dike For 3,000 Gallon Tank, Uncoated	8,113.30	
23 13 23 19-0006	EA	Steel Dike For 5,000 Gallon Tank, Uncoated	11,488.51	
23 13 23 19-0007	EA	Steel Dike For 6,000 Gallon Tank, Uncoated	12,869.70	
23 13 23 19-0008	EA	Steel Dike For 8,000 Gallon Tank, Uncoated	16,968.71	
23 13 23 19-0009	EA	Steel Dike For 10,000 Gallon Tank, Uncoated	19,929.10	
23 13 23 19-0010	EA	Steel Dike For 12,000 Gallon Tank, Uncoated	22,624.98	
23 13 23 19-0011	EA	Steel Dike For 15,000 Gallon Tank, Uncoated	27,558.12	
23 13 23 19-0012	EA	Steel Dike For 20,000 Gallon Tank, Uncoated	35,252.31	

23 13 23 26 Concrete-Vaulted, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 26-0001 Aboveground Concrete Vaulted Storage Tanks *(23 13 23 26)*

Note: Includes setting in place with stand, NPT openings for an emergency vent, regular vent, gauge, fill with an internal 5 gallon minimum overfill containment, supply and return and leak detection. All tanks that are 2000 gallon and larger shall have a ladder for access. Excludes excavation, pad, pumps and piping.

23 13 23 26-0002	EA	500 Gallon Concrete Vaulted Storage Tank	15,987.37	1,301.74
		For Low Profile Tanks, Add	*5,668.40*	
23 13 23 26-0003	EA	1000 Gallon Concrete Vaulted Storage Tank	20,052.62	1,469.53
		For Low Profile Tanks, Add	*7,200.84*	
23 13 23 26-0004	EA	2000 Gallon Concrete Vaulted Storage Tank	35,160.73	1,749.77
		For Low Profile Tanks, Add	*13,087.68*	
23 13 23 26-0005	EA	4000 Gallon Concrete Vaulted Storage Tank	56,237.35	3,848.66
23 13 23 26-0006	EA	5000 Gallon Concrete Vaulted Storage Tank	64,134.20	4,203.37
23 13 23 26-0007	EA	6000 Gallon Concrete Vaulted Storage Tank	72,107.00	4,539.33
23 13 23 26-0008	EA	8000 Gallon Concrete Vaulted Storage Tank	80,059.15	4,925.78
23 13 23 26-0009	EA	10000 Gallon Concrete Vaulted Storage Tank	88,005.04	5,243.26

23 13 33 Facility Fuel-Oil, Storage Tank Accessories *(23 13)*

23 13 33 00-0001 EPA Requirements *(23 13 33)*

23 13 33 00-0002	EA	Fill Pipe Spill Containment Manhole (5 Gallon)	331.81	
23 13 33 00-0003	EA	Over-Fill Prevention Valve	454.70	
23 13 33 00-0004	EA	Tank Manway With Cover, Fiberglass	1,628.64	
23 13 33 00-0005	EA	Tank Manway With Cover, Steel	1,391.02	
23 13 33 00-0006	EA	Vent Fill Alarm (Whistle Vent)	74.65	
23 13 33 00-0007	EA	Reservoir Sensor, Liquid Level	174.52	
23 13 33 00-0008	EA	Manhole Spill Containment	666.27	185.09
23 13 33 00-0009	EA	Fill Adapter, 4"	183.25	123.41
23 13 33 00-0010	EA	Fill Cap, 4"	119.84	46.27
23 13 33 00-0011	EA	Vent Cap, 2"	75.56	30.87
23 13 33 00-0012	EA	4" X 2" Extractor Fitting	187.98	46.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 33 00-0013	EA	Float Vent Valve	229.99	92.54
23 13 33 00-0014	EA	Vapor Hose Adapter	200.29	61.68
23 13 33 00-0015	EA	Dust Cap	94.61	33.69
23 13 33 00-0016	EA	1" Double Poppet Foot Valve	206.11	52.86
23 13 33 00-0017	EA	10' Wood Gage Stick	19.44	
23 13 33 00-0018	EA	1-1/4" Tank Filled Breather, NPT	62.35	
23 13 33 00-0019	EA	1-1/2" Tank Filled Breather, Bayonet	79.18	
23 13 33 00-0020	EA	2" Cast Iron Combination Fill Cap And Vent	51.88	
23 13 33 00-0021	EA	3" Cast Iron Combination Fill Cap And Vent	68.76	
23 13 33 00-0022	EA	4" Cast Iron Combination Fill Cap And Vent	105.68	
23 13 33 00-0023	EA	Pressure And Vacuum Control Vent	307.17	
23 13 33 00-0024	EA	1/4 HP Fuel/Diesel Pump Set	975.81	
23 13 33 00-0025	EA	1/3 HP Fuel/Diesel Pump Set	1,151.35	
23 13 33 00-0026	EA	1/2 HP Fuel/Diesel Pump Set	1,256.52	
23 13 33 00-0027	EA	3/4 HP Fuel/Diesel Pump Set	1,378.65	
23 13 33 00-0028	EA	1 HP Fuel/Diesel Pump Set	1,951.60	
23 13 33 00-0029	EA	1-1/2 HP Fuel/Diesel Pump Set	2,402.08	
23 13 33 00-0030	EA	2 HP Fuel/Diesel Pump Set	2,660.53	
23 13 33 00-0031	EA	3 HP Fuel/Diesel Pump Set	3,259.66	
23 13 33 00-0032	EA	5 HP Fuel/Diesel Pump Set	3,852.28	
23 13 33 00-0033	EA	7.5 HP Fuel/Diesel Pump Set	4,312.38	
23 13 33 00-0034	EA	10 HP Fuel/Diesel Pump Set	4,976.25	

23 13 33 00-0035 Tank Bulkhead Fittings *(23 13 33)*

23 13 33 00-0036 Tank Bulkhead Fittings *(23 13 33 00-0035)*

23 13 33 00-0037 PVC Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*

23 13 33 00-0038	EA	1/2" PVC Bulkhead Fitting, Socket x Thread	25.71	
23 13 33 00-0039	EA	3/4" PVC Bulkhead Fitting, Socket x Thread	28.68	
23 13 33 00-0040	EA	1" PVC Bulkhead Fitting, Socket x Thread	31.50	
23 13 33 00-0041	EA	1-1/4" PVC Bulkhead Fitting, Socket x Thread	37.19	
23 13 33 00-0042	EA	1-1/2" PVC Bulkhead Fitting, Socket x Thread	38.77	
23 13 33 00-0043	EA	2" PVC Bulkhead Fitting, Socket x Thread	48.91	
23 13 33 00-0044	EA	3" PVC Bulkhead Fitting, Socket x Thread	73.10	
23 13 33 00-0045	EA	4" PVC Bulkhead Fitting, Socket x Thread	121.33	

23 13 33 00-0046 PVC Tank Bulkhead Fittings, Thread x Threaded Connection *(23 13 33 00-0036)*

23 13 33 00-0047	EA	1/2" PVC Bulkhead Fitting, Thread x Thread	28.95	
23 13 33 00-0048	EA	3/4" PVC Bulkhead Fitting, Thread x Thread	31.90	
23 13 33 00-0049	EA	1" PVC Bulkhead Fitting, Thread x Thread	34.85	
23 13 33 00-0050	EA	1-1/4" PVC Bulkhead Fitting, Thread x Thread	42.39	
23 13 33 00-0051	EA	1-1/2" PVC Bulkhead Fitting, Thread x Thread	45.33	
23 13 33 00-0052	EA	2" PVC Bulkhead Fitting, Thread x Thread	54.86	
23 13 33 00-0053	EA	3" PVC Bulkhead Fitting, Thread x Thread	81.03	
23 13 33 00-0054	EA	4" PVC Bulkhead Fitting, Thread x Thread	132.60	

23 13 33 00-0055 CPVC Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*

23 13 33 00-0056	EA	1/2" CPVC Bulkhead Fitting, Socket x Thread	29.68	
23 13 33 00-0057	EA	3/4" CPVC Bulkhead Fitting, Socket x Thread	34.02	
23 13 33 00-0058	EA	1" CPVC Bulkhead Fitting, Socket x Thread	38.20	
23 13 33 00-0059	EA	1-1/2" CPVC Bulkhead Fitting, Socket x Thread	48.55	
23 13 33 00-0060	EA	2" CPVC Bulkhead Fitting, Socket x Thread	61.55	
23 13 33 00-0061	EA	3" CPVC Bulkhead Fitting, Socket x Thread	91.82	
23 13 33 00-0062	EA	4" CPVC Bulkhead Fitting, Socket x Thread	139.30	

23 13 33 00-0063 Polypropylene Tank Bulkhead Fitting Thread x Threaded Connection *(23 13 33 00-0036)*

23 13 33 00-0064	EA	1/2" Polypropylene Bulkhead Fitting, Thread x Thread	33.78	
23 13 33 00-0065	EA	3/4" Polypropylene Bulkhead Fitting, Thread x Thread	39.47	
23 13 33 00-0066	EA	1" Polypropylene Bulkhead Fitting, Thread x Thread	47.73	
23 13 33 00-0067	EA	1-1/4" Polypropylene Bulkhead Fitting, Thread x Thread	57.26	
23 13 33 00-0068	EA	1-1/2" Polypropylene Bulkhead Fitting, Thread x Thread	58.84	
23 13 33 00-0069	EA	2" Polypropylene Bulkhead Fitting, Thread x Thread	81.25	
23 13 33 00-0070	EA	3" Polypropylene Bulkhead Fitting, Thread x Thread	139.40	
23 13 33 00-0071	EA	4" Polypropylene Bulkhead Fitting, Thread x Thread	242.18	

23 13 33 00-0072 Polyethylene Tank Bulkhead Fittings Thread x Threaded Connection *(23 13 33 00-0036)*

23 13 33 00-0073	EA	3/4" Polyethylene Bulkhead Fitting, Thread x Thread	31.03	
23 13 33 00-0074	EA	1" Polyethylene Bulkhead Fitting, Thread x Thread	38.77	
23 13 33 00-0075	EA	1-1/4" Polyethylene Bulkhead Fitting, Thread x Thread	40.36	
23 13 33 00-0076	EA	1-1/2" Polyethylene Bulkhead Fitting, Thread x Thread	41.94	
23 13 33 00-0077	EA	2" Polyethylene Bulkhead Fitting, Thread x Thread	55.84	
23 13 33 00-0078	EA	3" Polyethylene Bulkhead Fitting, Thread x Thread	69.17	

23 13 33 00-0079 TFE Teflon Tank Bulkhead Fittings, Thread x Threaded Connection *(23 13 33 00-0036)*

23 13 33 00-0080	EA	1/8" TFE Teflon Bulkhead Fitting, Thread x Thread	110.32	
23 13 33 00-0081	EA	1/4" TFE Teflon Bulkhead Fitting, Thread x Thread	126.07	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 33 00-0082	EA	3/8" TFE Teflon Bulkhead Fitting, Thread x Thread	154.11	
23 13 33 00-0083	EA	1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	177.17	
23 13 33 00-0084	EA	3/4" TFE Teflon Bulkhead Fitting, Thread x Thread	203.88	
23 13 33 00-0085	EA	1" TFE Teflon Bulkhead Fitting, Thread x Thread	255.75	
23 13 33 00-0086	EA	1-1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	331.34	
23 13 33 00-0087	EA	2" TFE Teflon Bulkhead Fitting, Thread x Thread	365.82	
23 13 33 00-0088		Self-Aligning Bulkhead Fittings *(23 13 33 00-0035)*		
23 13 33 00-0089	EA	3/4" Self-Aligning PVC Bulkhead Fitting	114.72	
23 13 33 00-0090	EA	1" Self-Aligning PVC Bulkhead Fitting	115.47	
23 13 33 00-0091	EA	1-1/2" Self-Aligning PVC Bulkhead Fitting	166.51	
23 13 33 00-0092	EA	2" Self-Aligning PVC Bulkhead Fitting	170.42	
23 13 33 00-0093	EA	3" Self-Aligning PVC Bulkhead Fitting	227.40	

23 20 HVAC Piping And Pumps *(23)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 Hydronic Piping And Pumps *(23 20)*

23 21 13 Hydronic Piping *(23 21)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 13 23 Aboveground Hydronic Piping *(23 21 13)*

23 21 13 23-0001 Threaded Black Steel Pipe *(23 21 13 23)*

23 21 13 23-0002 Threaded Black Steel Pipe Assemblies *(23 21 13 23-0001)*

Note: ASTM A-53. Threaded and coupled. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

23 21 13 23-0003	LF	1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	11.92	2.92
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*2.72*	
		For Work In Restricted Working Space, Add	*3.02*	
23 21 13 23-0004	LF	3/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	12.65	3.14
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*2.92*	
		For Work In Restricted Working Space, Add	*3.15*	
23 21 13 23-0005	LF	1" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	13.74	3.44
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*3.23*	
		For Work In Restricted Working Space, Add	*3.33*	
23 21 13 23-0006	LF	1-1/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	15.27	3.58
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*3.65*	
		For Work In Restricted Working Space, Add	*3.59*	
23 21 13 23-0007	LF	1-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	15.62	4.23
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*3.75*	
		For Work In Restricted Working Space, Add	*3.64*	
23 21 13 23-0008	LF	2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	17.98	5.11
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*4.37*	
		For Work In Restricted Working Space, Add	*4.10*	
23 21 13 23-0009	LF	2-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	24.03	6.05
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*6.08*	
		For Work In Restricted Working Space, Add	*5.09*	
23 21 13 23-0010	LF	3" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	29.73	8.10
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*7.56*	
		For Work In Restricted Working Space, Add	*6.23*	
23 21 13 23-0011	LF	4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	35.50	9.47
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*9.39*	
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-0012	LF	5" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	48.09	12.10
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*13.39*	
		For Work In Restricted Working Space, Add	*8.15*	
23 21 13 23-0013	LF	6" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	60.14	14.31
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*17.31*	
		For Work In Restricted Working Space, Add	*9.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0014		**Threaded Black Steel Pipe And Fittings** *(23 21 13 23-0001)* Note: (ASTM A-53) Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.		
23 21 13 23-0015		**Threaded And Coupled, Black Steel Piping** *(23 21 13 23-0014)* Note: ASTM A-53. Includes coupling.		
23 21 13 23-0016	LF	3/8" Schedule 40, Threaded And Coupled, Black Steel Pipe	5.17	1.82
		For Work In Restricted Working Space, Add	*1.11*	
23 21 13 23-0017	LF	1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	5.20	2.92
		For Schedule 80 Pipe, Add	*0.79*	
		For Work In Restricted Working Space, Add	*1.33*	
23 21 13 23-0018	LF	3/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	5.74	3.14
		For Schedule 80 Pipe, Add	*0.94*	
		For Work In Restricted Working Space, Add	*1.41*	
23 21 13 23-0019	LF	1" Schedule 40, Threaded And Coupled, Black Steel Pipe	6.62	3.44
		For Schedule 80 Pipe, Add	*1.19*	
		For Work In Restricted Working Space, Add	*1.53*	
23 21 13 23-0020	LF	1-1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	7.44	3.58
		For Schedule 80 Pipe, Add	*1.45*	
		For Work In Restricted Working Space, Add	*1.62*	
23 21 13 23-0021	LF	1-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	8.79	4.23
		For Schedule 80 Pipe, Add	*1.73*	
		For Work In Restricted Working Space, Add	*1.91*	
23 21 13 23-0022	LF	2" Schedule 40, Threaded And Coupled, Black Steel Pipe	10.97	5.11
		For Schedule 80 Pipe, Add	*2.25*	
		For Work In Restricted Working Space, Add	*2.31*	
23 21 13 23-0023	LF	2-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	14.46	6.05
		For Schedule 80 Pipe, Add	*3.31*	
		For Work In Restricted Working Space, Add	*2.74*	
23 21 13 23-0024	LF	3" Schedule 40, Threaded And Coupled, Black Steel Pipe	19.17	8.10
		For Schedule 80 Pipe, Add	*4.37*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0025	LF	4" Schedule 40, Threaded And Coupled, Black Steel Pipe	24.20	9.47
		For Schedule 80 Pipe, Add	*5.91*	
		For Work In Restricted Working Space, Add	*4.27*	
23 21 13 23-0026	LF	5" Schedule 40, Threaded And Coupled, Black Steel Pipe	31.60	12.10
		For Schedule 80 Pipe, Add	*7.88*	
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-0027	LF	6" Schedule 40, Threaded And Coupled, Black Steel Pipe	39.22	14.31
		For Schedule 80 Pipe, Add	*10.15*	
		For Work In Restricted Working Space, Add	*6.43*	
23 21 13 23-0028	LF	8" Schedule 40, Threaded And Coupled, Black Steel Pipe	52.26	17.30
		For Schedule 80 Pipe, Add	*14.46*	
		For Work In Restricted Working Space, Add	*7.77*	
23 21 13 23-0029	LF	10" Schedule 40, Threaded And Coupled, Black Steel Pipe	68.97	21.07
		For Schedule 80 Pipe, Add	*19.96*	
		For Work In Restricted Working Space, Add	*9.49*	
23 21 13 23-0030	LF	12" Schedule 40, Threaded And Coupled, Black Steel Pipe	91.72	27.70
		For Schedule 80 Pipe, Add	*26.74*	
		For Work In Restricted Working Space, Add	*12.46*	
23 21 13 23-0031		**Black Malleable Iron 90 Degree Elbows** *(23 21 13 23-0014)*		
23 21 13 23-0032	EA	3/8", 150 LB, Black Malleable Iron 90 Degree Elbow	17.56	8.10
		For 225 LB Rating, Add	*1.17*	
		For 300 LB Rating, Add	*4.19*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*4.87*	
23 21 13 23-0033	EA	1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	20.75	13.00
		For 225 LB Rating, Add	*1.13*	
		For 300 LB Rating, Add	*4.26*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-0034	EA	3/4", 150 LB, Black Malleable Iron 90 Degree Elbow	23.27	14.53
		For 225 LB Rating, Add	*1.30*	
		For 300 LB Rating, Add	*4.86*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*6.54*	
23 21 13 23-0035	EA	1", 150 LB, Black Malleable Iron 90 Degree Elbow	27.06	16.21
		For 225 LB Rating, Add	*2.39*	
		For 300 LB Rating, Add	*8.01*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*7.30*	
23 21 13 23-0036	EA	1-1/4", 150 LB, Black Malleable Iron 90 Degree Elbow	32.63	18.40
		For 225 LB Rating, Add	*4.45*	
		For 300 LB Rating, Add	*13.87*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*8.26*	
23 21 13 23-0037	EA	1-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	36.98	20.73
		For 225 LB Rating, Add	*5.18*	
		For 300 LB Rating, Add	*16.07*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-0038	EA	2", 150 LB, Black Malleable Iron 90 Degree Elbow	48.15	26.36
		For 225 LB Rating, Add	*7.60*	
		For 300 LB Rating, Add	*23.22*	
		For Standard Weight Cast Iron Fittings, Add	*0.14*	
		For Work In Restricted Working Space, Add	*11.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0039	EA	2-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	80.44	38.98
		For 225 LB Rating, Add	*19.29*	
		For 300 LB Rating, Add	*56.42*	
		For Standard Weight Cast Iron Fittings, Add	*0.35*	
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-0040	EA	3", 150 LB, Black Malleable Iron 90 Degree Elbow	109.76	51.24
		For 225 LB Rating, Add	*28.81*	
		For 300 LB Rating, Add	*83.62*	
		For Standard Weight Cast Iron Fittings, Add	*0.53*	
		For Work In Restricted Working Space, Add	*23.05*	
23 21 13 23-0041	EA	4", 150 LB, Black Malleable Iron 90 Degree Elbow	152.97	55.39
		For 225 LB Rating, Add	*61.17*	
		For 300 LB Rating, Add	*172.77*	
		For Standard Weight Cast Iron Fittings, Add	*1.12*	
		For Work In Restricted Working Space, Add	*24.92*	
23 21 13 23-0042	EA	5", 150 LB, Black Malleable Iron 90 Degree Elbow	269.80	57.81
		For 225 LB Rating, Add	*160.24*	
		For 300 LB Rating, Add	*444.71*	
		For Standard Weight Cast Iron Fittings, Add	*2.93*	
		For Work In Restricted Working Space, Add	*26.00*	
23 21 13 23-0043	EA	6", 150 LB, Black Malleable Iron 90 Degree Elbow	290.06	60.44
		For 225 LB Rating, Add	*174.52*	
		For 300 LB Rating, Add	*484.12*	
		For Standard Weight Cast Iron Fittings, Add	*3.19*	
		For Work In Restricted Working Space, Add	*27.18*	

23 21 13 23-0044 Black Malleable Iron Reducing 90 Degree Elbows *(23 21 13 23-0014)*

23 21 13 23-0045	EA	3/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	17.99	10.37
		For 225 LB Rating, Add	*2.14*	
		For 300 LB Rating, Add	*6.81*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*4.66*	
23 21 13 23-0046	EA	1" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	22.92	13.14
		For 225 LB Rating, Add	*2.79*	
		For 300 LB Rating, Add	*8.84*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
		For Work In Restricted Working Space, Add	*5.92*	
23 21 13 23-0047	EA	1" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	22.92	13.14
		For 225 LB Rating, Add	*2.79*	
		For 300 LB Rating, Add	*8.84*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
		For Work In Restricted Working Space, Add	*5.92*	
23 21 13 23-0048	EA	1-1/4" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	32.72	18.40
		For 225 LB Rating, Add	*4.53*	
		For 300 LB Rating, Add	*14.08*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*8.26*	
23 21 13 23-0049	EA	1-1/4" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	33.04	18.40
		For 225 LB Rating, Add	*4.81*	
		For 300 LB Rating, Add	*14.85*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*8.26*	
23 21 13 23-0050	EA	1-1/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	33.92	18.40
		For 225 LB Rating, Add	*5.58*	
		For 300 LB Rating, Add	*16.96*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
		For Work In Restricted Working Space, Add	*8.26*	
23 21 13 23-0051	EA	1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	38.04	20.73
		For 225 LB Rating, Add	*6.11*	
		For 300 LB Rating, Add	*18.62*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-0052	EA	1-1/2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	38.04	20.73
		For 225 LB Rating, Add	*6.11*	
		For 300 LB Rating, Add	*18.62*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-0053	EA	1-1/2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	39.06	20.73
		For 225 LB Rating, Add	*7.00*	
		For 300 LB Rating, Add	*21.06*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-0054	EA	2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	49.59	26.36
		For 225 LB Rating, Add	*8.86*	
		For 300 LB Rating, Add	*26.68*	
		For Standard Weight Cast Iron Fittings, Add	*0.16*	
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-0055	EA	2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	50.97	26.36
		For 225 LB Rating, Add	*10.07*	
		For 300 LB Rating, Add	*29.99*	
		For Standard Weight Cast Iron Fittings, Add	*0.18*	
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-0056	EA	2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	50.97	26.36
		For 225 LB Rating, Add	*10.07*	
		For 300 LB Rating, Add	*29.99*	
		For Standard Weight Cast Iron Fittings, Add	*0.18*	
		For Work In Restricted Working Space, Add	*11.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0057	EA	2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	50.97	26.36
		For 225 LB Rating, Add	*10.07*	
		For 300 LB Rating, Add	*29.99*	
		For Standard Weight Cast Iron Fittings, Add	*0.18*	
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-0058	EA	2-1/2" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	86.18	38.98
		For 225 LB Rating, Add	*24.32*	
		For 300 LB Rating, Add	*70.20*	
		For Standard Weight Cast Iron Fittings, Add	*0.44*	
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-0059	EA	2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	86.18	38.98
		For 225 LB Rating, Add	*24.32*	
		For 300 LB Rating, Add	*70.20*	
		For Standard Weight Cast Iron Fittings, Add	*0.44*	
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-0060	EA	3" x 2-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	121.69	51.24
		For 225 LB Rating, Add	*39.24*	
		For 300 LB Rating, Add	*112.25*	
		For Standard Weight Cast Iron Fittings, Add	*0.72*	
		For Work In Restricted Working Space, Add	*23.05*	
23 21 13 23-0061	EA	3" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	121.69	51.24
		For 225 LB Rating, Add	*39.24*	
		For 300 LB Rating, Add	*112.25*	
		For Standard Weight Cast Iron Fittings, Add	*0.72*	
		For Work In Restricted Working Space, Add	*23.05*	
23 21 13 23-0062	EA	4" x 3", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	159.81	55.39
		For 225 LB Rating, Add	*67.16*	
		For 300 LB Rating, Add	*189.18*	
		For Standard Weight Cast Iron Fittings, Add	*1.23*	
		For Work In Restricted Working Space, Add	*24.92*	

23 21 13 23-0063 Black Malleable Iron 45 Degree Elbows *(23 21 13 23-0014)*

23 21 13 23-0064	EA	3/8", 150 LB, Black Malleable Iron 45 Degree Elbow	18.25	8.10
		For 225 LB Rating, Add	*1.78*	
		For 300 LB Rating, Add	*5.85*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*4.87*	
23 21 13 23-0065	EA	1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	21.45	13.00
		For 225 LB Rating, Add	*1.74*	
		For 300 LB Rating, Add	*5.94*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-0066	EA	3/4", 150 LB, Black Malleable Iron 45 Degree Elbow	24.29	14.53
		For 225 LB Rating, Add	*2.19*	
		For 300 LB Rating, Add	*7.31*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*6.54*	
23 21 13 23-0067	EA	1", 150 LB, Black Malleable Iron 45 Degree Elbow	27.52	16.21
		For 225 LB Rating, Add	*2.79*	
		For 300 LB Rating, Add	*9.12*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
		For Work In Restricted Working Space, Add	*7.30*	
23 21 13 23-0068	EA	1-1/4", 150 LB, Black Malleable Iron 45 Degree Elbow	33.32	18.40
		For 225 LB Rating, Add	*5.06*	
		For 300 LB Rating, Add	*15.52*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*8.26*	
23 21 13 23-0069	EA	1-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	38.23	20.73
		For 225 LB Rating, Add	*6.27*	
		For 300 LB Rating, Add	*19.07*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-0070	EA	2", 150 LB, Black Malleable Iron 45 Degree Elbow	48.71	26.36
		For 225 LB Rating, Add	*8.09*	
		For 300 LB Rating, Add	*24.57*	
		For Standard Weight Cast Iron Fittings, Add	*0.15*	
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-0071	EA	2-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	87.15	38.98
		For 225 LB Rating, Add	*25.17*	
		For 300 LB Rating, Add	*72.53*	
		For Standard Weight Cast Iron Fittings, Add	*0.46*	
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-0072	EA	3", 150 LB, Black Malleable Iron 45 Degree Elbowack	116.37	51.24
		For 225 LB Rating, Add	*34.59*	
		For 300 LB Rating, Add	*99.48*	
		For Standard Weight Cast Iron Fittings, Add	*0.63*	
		For Work In Restricted Working Space, Add	*23.05*	
23 21 13 23-0073	EA	4", 150 LB, Black Malleable Iron 45 Degree Elbow	155.65	55.39
		For 225 LB Rating, Add	*63.52*	
		For 300 LB Rating, Add	*179.20*	
		For Standard Weight Cast Iron Fittings, Add	*1.16*	
		For Work In Restricted Working Space, Add	*24.92*	
23 21 13 23-0074	EA	5", 150 LB, Black Malleable Iron 45 Degree Elbow	318.95	57.81
		For 225 LB Rating, Add	*203.25*	
		For 300 LB Rating, Add	*562.67*	
		For Standard Weight Cast Iron Fittings, Add	*3.72*	
		For Work In Restricted Working Space, Add	*26.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0075	EA	6", 150 LB, Black Malleable Iron 45 Degree Elbow	337.50	60.44
		For 225 LB Rating, Add	*216.03*	
		For 300 LB Rating, Add	*597.97*	
		For Standard Weight Cast Iron Fittings, Add	*3.95*	
		For Work In Restricted Working Space, Add	*27.18*	

23 21 13 23-0076 Black Malleable Iron Tees *(23 21 13 23-0014)*

23 21 13 23-0077	EA	3/8", 150 LB, Black Malleable Iron Tee	22.06	10.15
		For 225 LB Rating, Add	*1.56*	
		For 300 LB Rating, Add	*5.49*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*6.08*	
23 21 13 23-0078	EA	1/2", 150 LB, Black Malleable Iron Tee	25.99	16.21
		For 225 LB Rating, Add	*1.45*	
		For 300 LB Rating, Add	*5.44*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*7.30*	
23 21 13 23-0079	EA	3/4", 150 LB, Black Malleable Iron Tee	30.48	18.76
		For 225 LB Rating, Add	*2.10*	
		For 300 LB Rating, Add	*7.44*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*8.42*	
23 21 13 23-0080	EA	1", 150 LB, Black Malleable Iron Tee	37.43	22.11
		For 225 LB Rating, Add	*3.72*	
		For 300 LB Rating, Add	*12.19*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
		For Work In Restricted Working Space, Add	*9.95*	
23 21 13 23-0081	EA	1-1/4", 150 LB, Black Malleable Iron Tee	46.40	26.36
		For 225 LB Rating, Add	*6.07*	
		For 300 LB Rating, Add	*19.02*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-0082	EA	1-1/2", 150 LB, Black Malleable Iron Tee	55.70	31.39
		For 225 LB Rating, Add	*7.53*	
		For 300 LB Rating, Add	*23.47*	
		For Standard Weight Cast Iron Fittings, Add	*0.14*	
		For Work In Restricted Working Space, Add	*14.13*	
23 21 13 23-0083	EA	2", 150 LB, Black Malleable Iron Tee	70.87	38.98
		For 225 LB Rating, Add	*10.92*	
		For 300 LB Rating, Add	*33.46*	
		For Standard Weight Cast Iron Fittings, Add	*0.20*	
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-0084	EA	2-1/2", 150 LB, Black Malleable Iron Tee	106.89	51.24
		For 225 LB Rating, Add	*26.29*	
		For 300 LB Rating, Add	*76.73*	
		For Standard Weight Cast Iron Fittings, Add	*0.48*	
		For Work In Restricted Working Space, Add	*23.05*	
23 21 13 23-0085	EA	3", 150 LB, Black Malleable Iron Tee	136.37	60.88
		For 225 LB Rating, Add	*39.48*	
		For 300 LB Rating, Add	*113.76*	
		For Standard Weight Cast Iron Fittings, Add	*0.72*	
		For Work In Restricted Working Space, Add	*27.38*	
23 21 13 23-0086	EA	4", 150 LB, Black Malleable Iron Tee	210.93	69.98
		For 225 LB Rating, Add	*92.76*	
		For 300 LB Rating, Add	*260.72*	
		For Standard Weight Cast Iron Fittings, Add	*1.70*	
		For Work In Restricted Working Space, Add	*31.48*	
23 21 13 23-0087	EA	5", 150 LB, Black Malleable Iron Tee	363.76	83.09
		For 225 LB Rating, Add	*209.27*	
		For 300 LB Rating, Add	*581.48*	
		For Standard Weight Cast Iron Fittings, Add	*3.83*	
		For Work In Restricted Working Space, Add	*37.38*	
23 21 13 23-0088	EA	6", 150 LB, Black Malleable Iron Tee	428.72	94.98
		For 225 LB Rating, Add	*250.54*	
		For 300 LB Rating, Add	*695.74*	
		For Standard Weight Cast Iron Fittings, Add	*4.58*	
		For Work In Restricted Working Space, Add	*42.72*	

23 21 13 23-0089 Black Malleable Iron Reducing Tees *(23 21 13 23-0014)*

23 21 13 23-0090	EA	1/2", 150 LB, Black Malleable Iron Reducing Tee	26.27	16.21
		For 225 LB Rating, Add	*1.70*	
		For 300 LB Rating, Add	*6.12*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*7.30*	
23 21 13 23-0091	EA	3/4", 150 LB, Black Malleable Iron Reducing Tee	30.81	18.76
		For 225 LB Rating, Add	*2.39*	
		For 300 LB Rating, Add	*8.24*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*8.42*	
23 21 13 23-0092	EA	1", 150 LB, Black Malleable Iron Reducing Tee	37.90	22.11
		For 225 LB Rating, Add	*4.13*	
		For 300 LB Rating, Add	*13.32*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*9.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0093	EA	1-1/4", 150 LB, Black Malleable Iron Reducing Tee	47.32	26.36
		For 225 LB Rating, Add	*6.88*	
		For 300 LB Rating, Add	*21.23*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-0094	EA	1-1/2", 150 LB, Black Malleable Iron Reducing Tee	56.81	31.39
		For 225 LB Rating, Add	*8.50*	
		For 300 LB Rating, Add	*26.13*	
		For Standard Weight Cast Iron Fittings, Add	*0.16*	
		For Work In Restricted Working Space, Add	*14.13*	
23 21 13 23-0095	EA	2", 150 LB, Black Malleable Iron Reducing Tee	72.54	38.98
		For 225 LB Rating, Add	*12.38*	
		For 300 LB Rating, Add	*37.46*	
		For Standard Weight Cast Iron Fittings, Add	*0.23*	
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-0096	EA	2-1/2", 150 LB, Black Malleable Iron Reducing Tee	110.87	51.24
		For 225 LB Rating, Add	*29.78*	
		For 300 LB Rating, Add	*86.28*	
		For Standard Weight Cast Iron Fittings, Add	*0.54*	
		For Work In Restricted Working Space, Add	*23.05*	
23 21 13 23-0097	EA	3", 150 LB, Black Malleable Iron Reducing Tee	142.20	60.88
		For 225 LB Rating, Add	*44.58*	
		For 300 LB Rating, Add	*127.76*	
		For Standard Weight Cast Iron Fittings, Add	*0.82*	
		For Work In Restricted Working Space, Add	*27.38*	
23 21 13 23-0098	EA	4", 150 LB, Black Malleable Iron Reducing Tee	204.74	69.98
		For 225 LB Rating, Add	*87.34*	
		For 300 LB Rating, Add	*245.86*	
		For Standard Weight Cast Iron Fittings, Add	*1.60*	
		For Work In Restricted Working Space, Add	*31.48*	
23 21 13 23-0099	EA	5", 150 LB, Black Malleable Iron Reducing Tee	353.84	83.09
		For 225 LB Rating, Add	*200.59*	
		For 300 LB Rating, Add	*557.68*	
		For Standard Weight Cast Iron Fittings, Add	*3.67*	
		For Work In Restricted Working Space, Add	*37.38*	
23 21 13 23-0100	EA	6", 150 LB, Black Malleable Iron Reducing Tee	417.02	94.98
		For 225 LB Rating, Add	*240.30*	
		For 300 LB Rating, Add	*667.66*	
		For Standard Weight Cast Iron Fittings, Add	*4.39*	
		For Work In Restricted Working Space, Add	*42.72*	
23 21 13 23-0101	EA	8", 150 LB, Black Malleable Iron Reducing Tee	1,179.80	166.24
		For 225 LB Rating, Add	*814.28*	
		For 300 LB Rating, Add	*2,248.42*	
		For Standard Weight Cast Iron Fittings, Add	*14.89*	
		For Work In Restricted Working Space, Add	*74.76*	

23 21 13 23-0102 Black Malleable Iron Couplings *(23 21 13 23-0014)*

23 21 13 23-0103	EA	3/8", 150 LB, Black Malleable Iron Coupling	17.90	8.10
		For 225 LB Rating, Add	*1.47*	
		For 300 LB Rating, Add	*5.01*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*4.87*	
23 21 13 23-0104	EA	1/2", 150 LB, Black Malleable Iron Coupling	21.22	13.00
		For 225 LB Rating, Add	*1.54*	
		For 300 LB Rating, Add	*5.39*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-0105	EA	3/4", 150 LB, Black Malleable Iron Coupling	23.87	14.53
		For 225 LB Rating, Add	*1.82*	
		For 300 LB Rating, Add	*6.30*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*6.54*	
23 21 13 23-0106	EA	1", 150 LB, Black Malleable Iron Coupling	27.52	16.21
		For 225 LB Rating, Add	*2.79*	
		For 300 LB Rating, Add	*9.12*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
		For Work In Restricted Working Space, Add	*7.30*	
23 21 13 23-0107	EA	1-1/4", 150 LB, Black Malleable Iron Coupling	31.56	18.40
		For 225 LB Rating, Add	*3.52*	
		For 300 LB Rating, Add	*11.30*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
		For Work In Restricted Working Space, Add	*8.26*	
23 21 13 23-0108	EA	1-1/2", 150 LB, Black Malleable Iron Coupling	36.47	20.73
		For 225 LB Rating, Add	*4.73*	
		For 300 LB Rating, Add	*14.85*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-0109	EA	2", 150 LB, Black Malleable Iron Coupling	47.37	26.36
		For 225 LB Rating, Add	*6.92*	
		For 300 LB Rating, Add	*21.35*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-0110	EA	2-1/2", 150 LB, Black Malleable Iron Coupling	78.27	38.98
		For 225 LB Rating, Add	*17.40*	
		For 300 LB Rating, Add	*51.22*	
		For Standard Weight Cast Iron Fittings, Add	*0.32*	
		For Work In Restricted Working Space, Add	*17.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0111	EA	3", 150 LB, Black Malleable Iron Coupling	104.26	51.24
		For 225 LB Rating, Add	*23.99*	
		For 300 LB Rating, Add	*70.42*	
		For Standard Weight Cast Iron Fittings, Add	*0.44*	
		For Work In Restricted Working Space, Add	*23.05*	
23 21 13 23-0112	EA	4", 150 LB, Black Malleable Iron Coupling	137.75	55.39
		For 225 LB Rating, Add	*47.85*	
		For 300 LB Rating, Add	*136.24*	
		For Standard Weight Cast Iron Fittings, Add	*0.88*	
		For Work In Restricted Working Space, Add	*24.92*	
23 21 13 23-0113	EA	5", 150 LB, Black Malleable Iron Coupling	198.37	57.81
		For 225 LB Rating, Add	*97.74*	
		For 300 LB Rating, Add	*273.28*	
		For Standard Weight Cast Iron Fittings, Add	*1.79*	
		For Work In Restricted Working Space, Add	*26.00*	
23 21 13 23-0114	EA	6", 150 LB, Black Malleable Iron Coupling	224.32	60.44
		For 225 LB Rating, Add	*117.00*	
		For 300 LB Rating, Add	*326.34*	
		For Standard Weight Cast Iron Fittings, Add	*2.14*	
		For Work In Restricted Working Space, Add	*27.18*	

23 21 13 23-0115 Black Malleable Iron Reducing Couplings *(23 21 13 23-0014)*

23 21 13 23-0116	EA	1/2", 150 LB, Black Malleable Iron Reducing Coupling	21.26	13.00
		For 225 LB Rating, Add	*1.58*	
		For 300 LB Rating, Add	*5.49*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-0117	EA	3/4", 150 LB, Black Malleable Iron Reducing Coupling	23.87	14.53
		For 225 LB Rating, Add	*1.82*	
		For 300 LB Rating, Add	*6.30*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*6.54*	
23 21 13 23-0118	EA	1", 150 LB, Black Malleable Iron Reducing Coupling	27.57	16.21
		For 225 LB Rating, Add	*2.84*	
		For 300 LB Rating, Add	*9.24*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
		For Work In Restricted Working Space, Add	*7.30*	
23 21 13 23-0119	EA	1-1/4", 150 LB, Black Malleable Iron Reducing Coupling	31.56	18.40
		For 225 LB Rating, Add	*3.52*	
		For 300 LB Rating, Add	*11.30*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
		For Work In Restricted Working Space, Add	*8.26*	
23 21 13 23-0120	EA	1-1/2", 150 LB, Black Malleable Iron Reducing Coupling	36.65	20.73
		For 225 LB Rating, Add	*4.89*	
		For 300 LB Rating, Add	*15.28*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-0121	EA	2", 150 LB, Black Malleable Iron Reducing Coupling	46.86	26.36
		For 225 LB Rating, Add	*6.48*	
		For 300 LB Rating, Add	*20.13*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-0122	EA	2-1/2", 150 LB, Black Malleable Iron Reducing Coupling	76.33	38.98
		For 225 LB Rating, Add	*15.70*	
		For 300 LB Rating, Add	*46.56*	
		For Standard Weight Cast Iron Fittings, Add	*0.29*	
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-0123	EA	3", 150 LB, Black Malleable Iron Reducing Coupling	104.53	51.24
		For 225 LB Rating, Add	*24.23*	
		For 300 LB Rating, Add	*71.07*	
		For Standard Weight Cast Iron Fittings, Add	*0.44*	
		For Work In Restricted Working Space, Add	*23.05*	
23 21 13 23-0124	EA	4", 150 LB, Black Malleable Iron Reducing Coupling	139.10	55.39
		For 225 LB Rating, Add	*49.04*	
		For 300 LB Rating, Add	*139.48*	
		For Standard Weight Cast Iron Fittings, Add	*0.90*	
		For Work In Restricted Working Space, Add	*24.92*	
23 21 13 23-0125	EA	5", 150 LB, Black Malleable Iron Reducing Coupling	191.67	57.81
		For 225 LB Rating, Add	*91.88*	
		For 300 LB Rating, Add	*257.20*	
		For Standard Weight Cast Iron Fittings, Add	*1.68*	
		For Work In Restricted Working Space, Add	*26.00*	
23 21 13 23-0126	EA	6", 150 LB, Black Malleable Iron Reducing Coupling	230.70	60.44
		For 225 LB Rating, Add	*122.58*	
		For 300 LB Rating, Add	*341.65*	
		For Standard Weight Cast Iron Fittings, Add	*2.24*	
		For Work In Restricted Working Space, Add	*27.18*	

23 21 13 23-0127 Black Malleable Iron Caps *(23 21 13 23-0014)*

23 21 13 23-0128	EA	1/2", 150 LB, Black Malleable Iron Cap	10.47	6.05
		For 225 LB Rating, Add	*1.17*	
		For 300 LB Rating, Add	*3.76*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*2.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0129	EA	3/4", 150 LB, Black Malleable Iron Cap	11.49	6.50
		For 225 LB Rating, Add	*1.54*	
		For 300 LB Rating, Add	*4.81*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*2.92*	
23 21 13 23-0130	EA	1", 150 LB, Black Malleable Iron Cap	13.36	7.52
		For 225 LB Rating, Add	*1.86*	
		For 300 LB Rating, Add	*5.79*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*3.37*	
23 21 13 23-0131	EA	1-1/4", 150 LB, Black Malleable Iron Cap	14.94	8.10
		For 225 LB Rating, Add	*2.42*	
		For 300 LB Rating, Add	*7.38*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0132	EA	1-1/2", 150 LB, Black Malleable Iron Cap	15.96	8.10
		For 225 LB Rating, Add	*3.32*	
		For 300 LB Rating, Add	*9.83*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0133	EA	2", 150 LB, Black Malleable Iron Cap	20.65	10.44
		For 225 LB Rating, Add	*4.33*	
		For 300 LB Rating, Add	*12.82*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-0134	EA	2-1/2", 150 LB, Black Malleable Iron Cap	31.11	13.00
		For 225 LB Rating, Add	*10.19*	
		For 300 LB Rating, Add	*29.13*	
		For Standard Weight Cast Iron Fittings, Add	*0.19*	
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-0135	EA	3", 150 LB, Black Malleable Iron Cap	41.90	15.70
		For 225 LB Rating, Add	*16.07*	
		For 300 LB Rating, Add	*45.48*	
		For Standard Weight Cast Iron Fittings, Add	*0.29*	
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-0136	EA	4", 150 LB, Black Malleable Iron Cap	57.10	19.01
		For 225 LB Rating, Add	*25.04*	
		For 300 LB Rating, Add	*70.40*	
		For Standard Weight Cast Iron Fittings, Add	*0.46*	
		For Work In Restricted Working Space, Add	*8.54*	

23 21 13 23-0137 Black Malleable Iron Unions *(23 21 13 23-0014)*

23 21 13 23-0138	EA	3/8", 150 LB, Black Malleable Iron Union	21.17	8.10
		For 225 LB Rating, Add	*4.33*	
		For 300 LB Rating, Add	*12.85*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*4.87*	
23 21 13 23-0139	EA	1/2", 150 LB, Black Malleable Iron Union	29.60	16.21
		For 225 LB Rating, Add	*4.61*	
		For 300 LB Rating, Add	*14.11*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*7.30*	
23 21 13 23-0140	EA	3/4", 150 LB, Black Malleable Iron Union	33.49	18.76
		For 225 LB Rating, Add	*4.73*	
		For 300 LB Rating, Add	*14.67*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*8.42*	
23 21 13 23-0141	EA	1", 150 LB, Black Malleable Iron Union	41.09	22.11
		For 225 LB Rating, Add	*6.92*	
		For 300 LB Rating, Add	*20.97*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*9.95*	
23 21 13 23-0142	EA	1-1/4", 150 LB, Black Malleable Iron Union	50.37	26.36
		For 225 LB Rating, Add	*9.55*	
		For 300 LB Rating, Add	*28.55*	
		For Standard Weight Cast Iron Fittings, Add	*0.17*	
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-0143	EA	1-1/2", 150 LB, Black Malleable Iron Union	60.42	31.39
		For 225 LB Rating, Add	*11.66*	
		For 300 LB Rating, Add	*34.79*	
		For Standard Weight Cast Iron Fittings, Add	*0.21*	
		For Work In Restricted Working Space, Add	*14.13*	
23 21 13 23-0144	EA	2", 150 LB, Black Malleable Iron Union	75.22	38.98
		For 225 LB Rating, Add	*14.73*	
		For 300 LB Rating, Add	*43.90*	
		For Standard Weight Cast Iron Fittings, Add	*0.27*	
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-0145	EA	2-1/2", 150 LB, Black Malleable Iron Union	106.56	42.33
		For 225 LB Rating, Add	*37.70*	
		For 300 LB Rating, Add	*107.22*	
		For Standard Weight Cast Iron Fittings, Add	*0.69*	
		For Work In Restricted Working Space, Add	*19.04*	
23 21 13 23-0146	EA	3", 150 LB, Black Malleable Iron Union	137.92	51.24
		For 225 LB Rating, Add	*53.45*	
		For 300 LB Rating, Add	*151.20*	
		For Standard Weight Cast Iron Fittings, Add	*0.98*	
		For Work In Restricted Working Space, Add	*23.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0147		Black Steel Nipples *(23 21 13 23-0014)*		
23 21 13 23-0148	EA	3/8" x Close, Schedule 40 Black Steel Nipple	11.01	6.93
		For ASTM 120, Deduct	*-0.09*	
		For Schedule 80 Nipples, Add	*0.66*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.60*	
		For Schedule 80 Nipples, Add	*0.29*	
		For 225 LB Rating, Add	*0.51*	
		For 300 LB Rating, Add	*2.02*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0149	EA	1/2" x Close, Schedule 40 Black Steel Nipple	10.92	6.93
		For ASTM 120, Deduct	*-0.07*	
		For Schedule 80 Nipples, Add	*0.56*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.29*	
		For Schedule 80 Nipples, Add	*0.25*	
		For 225 LB Rating, Add	*0.43*	
		For 300 LB Rating, Add	*1.80*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0150	EA	3/4" x Close, Schedule 40 Black Steel Nipple	10.99	6.93
		For ASTM 120, Deduct	*-0.08*	
		For Schedule 80 Nipples, Add	*0.64*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.53*	
		For Schedule 80 Nipples, Add	*0.28*	
		For 225 LB Rating, Add	*0.49*	
		For 300 LB Rating, Add	*1.97*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0151	EA	1" x Close, Schedule 40 Black Steel Nipple	12.04	7.52
		For ASTM 120, Deduct	*-0.12*	
		For Schedule 80 Nipples, Add	*0.92*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*3.43*	
		For Schedule 80 Nipples, Add	*0.41*	
		For 225 LB Rating, Add	*0.71*	
		For 300 LB Rating, Add	*2.62*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.37*	
23 21 13 23-0152	EA	1-1/4" x Close, Schedule 40 Black Steel Nipple	13.20	8.10
		For ASTM 120, Deduct	*-0.15*	
		For Schedule 80 Nipples, Add	*1.17*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*4.23*	
		For Schedule 80 Nipples, Add	*0.52*	
		For 225 LB Rating, Add	*0.90*	
		For 300 LB Rating, Add	*3.20*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0153	EA	1-1/2" x Close, Schedule 40 Black Steel Nipple	13.45	8.10
		For ASTM 120, Deduct	*-0.19*	
		For Schedule 80 Nipples, Add	*1.46*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*5.08*	
		For Schedule 80 Nipples, Add	*0.64*	
		For 225 LB Rating, Add	*1.12*	
		For 300 LB Rating, Add	*3.80*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0154	EA	2" x Close, Schedule 40 Black Steel Nipple	17.44	10.44
		For ASTM 120, Deduct	*-0.26*	
		For Schedule 80 Nipples, Add	*1.98*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*6.86*	
		For Schedule 80 Nipples, Add	*0.87*	
		For 225 LB Rating, Add	*1.52*	
		For 300 LB Rating, Add	*5.12*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-0155	EA	2-1/2" x Close, Schedule 40 Black Steel Nipple	24.91	13.00
		For ASTM 120, Deduct	*-0.82*	
		For Schedule 80 Nipples, Add	*6.21*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*19.70*	
		For Schedule 80 Nipples, Add	*2.73*	
		For 225 LB Rating, Add	*4.77*	
		For 300 LB Rating, Add	*14.25*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-0156	EA	3" x Close, Schedule 40 Black Steel Nipple	30.01	15.70
		For ASTM 120, Deduct	*-0.97*	
		For Schedule 80 Nipples, Add	*7.38*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*23.41*	
		For Schedule 80 Nipples, Add	*3.24*	
		For 225 LB Rating, Add	*5.66*	
		For 300 LB Rating, Add	*16.94*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
		For Work In Restricted Working Space, Add	*7.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0157	EA	4" x Close, Schedule 40 Black Steel Nipple	38.23	19.01
		For ASTM 120, Deduct	*-1.46*	
		For Schedule 80 Nipples, Add	*11.12*	
		For Work In Restricted Working Space, Add	*8.54*	
		For 300 LB Rating, Add	*34.86*	
		For Schedule 80 Nipples, Add	*4.88*	
		For 225 LB Rating, Add	*8.53*	
		For 300 LB Rating, Add	*25.11*	
		For Standard Weight Cast Iron Fittings, Add	*0.16*	
		For Work In Restricted Working Space, Add	*8.54*	
23 21 13 23-0158	EA	3/8" x 1-1/2" Long, Schedule 40 Black Steel Nipple	11.08	6.93
		For ASTM 120, Deduct	*-0.10*	
		For Schedule 80 Nipples, Add	*0.74*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.84*	
		For Schedule 80 Nipples, Add	*0.33*	
		For 225 LB Rating, Add	*0.57*	
		For 300 LB Rating, Add	*2.19*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0159	EA	1/2" x 1-1/2" Long, Schedule 40 Black Steel Nipple	10.92	6.93
		For ASTM 120, Deduct	*-0.07*	
		For Schedule 80 Nipples, Add	*0.56*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.29*	
		For Schedule 80 Nipples, Add	*0.25*	
		For 225 LB Rating, Add	*0.43*	
		For 300 LB Rating, Add	*1.80*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0160	EA	3/4" x 1-1/2" Long, Schedule 40 Black Steel Nipple	11.03	6.93
		For ASTM 120, Deduct	*-0.09*	
		For Schedule 80 Nipples, Add	*0.68*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.67*	
		For Schedule 80 Nipples, Add	*0.30*	
		For 225 LB Rating, Add	*0.53*	
		For 300 LB Rating, Add	*2.07*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0161	EA	3/8" x 2" Long, Schedule 40 Black Steel Nipple	11.08	6.93
		For ASTM 120, Deduct	*-0.10*	
		For Schedule 80 Nipples, Add	*0.74*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.84*	
		For Schedule 80 Nipples, Add	*0.33*	
		For 225 LB Rating, Add	*0.57*	
		For 300 LB Rating, Add	*2.19*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0162	EA	1/2" x 2" Long, Schedule 40 Black Steel Nipple	10.92	6.93
		For ASTM 120, Deduct	*-0.07*	
		For Schedule 80 Nipples, Add	*0.56*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.29*	
		For Schedule 80 Nipples, Add	*0.25*	
		For 225 LB Rating, Add	*0.43*	
		For 300 LB Rating, Add	*1.80*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0163	EA	3/4" x 2" Long, Schedule 40 Black Steel Nipple	11.03	6.93
		For ASTM 120, Deduct	*-0.09*	
		For Schedule 80 Nipples, Add	*0.68*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.67*	
		For Schedule 80 Nipples, Add	*0.30*	
		For 225 LB Rating, Add	*0.53*	
		For 300 LB Rating, Add	*2.07*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0164	EA	1" x 2" Long, Schedule 40 Black Steel Nipple	12.12	7.52
		For ASTM 120, Deduct	*-0.13*	
		For Schedule 80 Nipples, Add	*1.01*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*3.70*	
		For Schedule 80 Nipples, Add	*0.45*	
		For 225 LB Rating, Add	*0.78*	
		For 300 LB Rating, Add	*2.81*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.37*	
23 21 13 23-0165	EA	1-1/4" x 2" Long, Schedule 40 Black Steel Nipple	13.33	8.10
		For ASTM 120, Deduct	*-0.17*	
		For Schedule 80 Nipples, Add	*1.32*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*4.67*	
		For Schedule 80 Nipples, Add	*0.58*	
		For 225 LB Rating, Add	*1.02*	
		For 300 LB Rating, Add	*3.51*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0166	EA	1-1/2" x 2" Long, Schedule 40 Black Steel Nipple	13.55	8.10
		For ASTM 120, Deduct	*-0.21*	
		For Schedule 80 Nipples, Add	*1.57*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*5.42*	
		For Schedule 80 Nipples, Add	*0.69*	
		For 225 LB Rating, Add	*1.21*	
		For 300 LB Rating, Add	*4.04*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0167	EA	3/8" x 2-1/2" Long, Schedule 40 Black Steel Nipple	11.27	6.93
		For ASTM 120, Deduct	*-0.13*	
		For Schedule 80 Nipples, Add	*0.96*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*3.48*	
		For Schedule 80 Nipples, Add	*0.42*	
		For 225 LB Rating, Add	*0.74*	
		For 300 LB Rating, Add	*2.64*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0168	EA	1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	11.01	6.93
		For ASTM 120, Deduct	*-0.09*	
		For Schedule 80 Nipples, Add	*0.66*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.60*	
		For Schedule 80 Nipples, Add	*0.29*	
		For 225 LB Rating, Add	*0.51*	
		For 300 LB Rating, Add	*2.02*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0169	EA	3/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	11.11	6.93
		For ASTM 120, Deduct	*-0.10*	
		For Schedule 80 Nipples, Add	*0.78*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.94*	
		For Schedule 80 Nipples, Add	*0.34*	
		For 225 LB Rating, Add	*0.60*	
		For 300 LB Rating, Add	*2.26*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0170	EA	1" x 2-1/2" Long, Schedule 40 Black Steel Nipple	12.17	7.52
		For ASTM 120, Deduct	*-0.14*	
		For Schedule 80 Nipples, Add	*1.07*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*3.87*	
		For Schedule 80 Nipples, Add	*0.47*	
		For 225 LB Rating, Add	*0.82*	
		For 300 LB Rating, Add	*2.93*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.37*	
23 21 13 23-0171	EA	1-1/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	13.41	8.10
		For ASTM 120, Deduct	*-0.19*	
		For Schedule 80 Nipples, Add	*1.41*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*4.95*	
		For Schedule 80 Nipples, Add	*0.62*	
		For 225 LB Rating, Add	*1.09*	
		For 300 LB Rating, Add	*3.71*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0172	EA	1-1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	13.71	8.10
		For ASTM 120, Deduct	*-0.23*	
		For Schedule 80 Nipples, Add	*1.76*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*5.97*	
		For Schedule 80 Nipples, Add	*0.77*	
		For 225 LB Rating, Add	*1.35*	
		For 300 LB Rating, Add	*4.43*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0173	EA	2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	17.70	10.44
		For ASTM 120, Deduct	*-0.30*	
		For Schedule 80 Nipples, Add	*2.28*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*7.74*	
		For Schedule 80 Nipples, Add	*1.00*	
		For 225 LB Rating, Add	*1.75*	
		For 300 LB Rating, Add	*5.74*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-0174	EA	3/8" x 3" Long, Schedule 40 Black Steel Nipple	11.27	6.93
		For ASTM 120, Deduct	*-0.13*	
		For Schedule 80 Nipples, Add	*0.96*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*3.48*	
		For Schedule 80 Nipples, Add	*0.42*	
		For 225 LB Rating, Add	*0.74*	
		For 300 LB Rating, Add	*2.64*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0175	EA	1/2" x 3" Long, Schedule 40 Black Steel Nipple	11.01	6.93
		For ASTM 120, Deduct	*-0.09*	
		For Schedule 80 Nipples, Add	*0.66*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.60*	
		For Schedule 80 Nipples, Add	*0.29*	
		For 225 LB Rating, Add	*0.51*	
		For 300 LB Rating, Add	*2.02*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0176	EA	3/4" x 3" Long, Schedule 40 Black Steel Nipple	11.11	6.93
		For ASTM 120, Deduct	*-0.10*	
		For Schedule 80 Nipples, Add	*0.78*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.94*	
		For Schedule 80 Nipples, Add	*0.34*	
		For 225 LB Rating, Add	*0.60*	
		For 300 LB Rating, Add	*2.26*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0177	EA	1" x 3" Long, Schedule 40 Black Steel Nipple	12.17	7.52
		For ASTM 120, Deduct	*-0.14*	
		For Schedule 80 Nipples, Add	*1.07*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*3.87*	
		For Schedule 80 Nipples, Add	*0.47*	
		For 225 LB Rating, Add	*0.82*	
		For 300 LB Rating, Add	*2.93*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.37*	
23 21 13 23-0178	EA	1-1/4" x 3" Long, Schedule 40 Black Steel Nipple	13.41	8.10
		For ASTM 120, Deduct	*-0.19*	
		For Schedule 80 Nipples, Add	*1.41*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*4.95*	
		For Schedule 80 Nipples, Add	*0.62*	
		For 225 LB Rating, Add	*1.09*	
		For 300 LB Rating, Add	*3.71*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0179	EA	1-1/2" x 3" Long, Schedule 40 Black Steel Nipple	13.71	8.10
		For ASTM 120, Deduct	*-0.23*	
		For Schedule 80 Nipples, Add	*1.76*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*5.97*	
		For Schedule 80 Nipples, Add	*0.77*	
		For 225 LB Rating, Add	*1.35*	
		For 300 LB Rating, Add	*4.43*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0180	EA	2" x 3" Long, Schedule 40 Black Steel Nipple	17.70	10.44
		For ASTM 120, Deduct	*-0.30*	
		For Schedule 80 Nipples, Add	*2.28*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*7.74*	
		For Schedule 80 Nipples, Add	*1.00*	
		For 225 LB Rating, Add	*1.75*	
		For 300 LB Rating, Add	*5.74*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-0181	EA	2-1/2" x 3" Long, Schedule 40 Black Steel Nipple	25.05	13.00
		For ASTM 120, Deduct	*-0.84*	
		For Schedule 80 Nipples, Add	*6.37*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*20.17*	
		For Schedule 80 Nipples, Add	*2.80*	
		For 225 LB Rating, Add	*4.89*	
		For 300 LB Rating, Add	*14.58*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-0182	EA	3" x 3" Long, Schedule 40 Black Steel Nipple	30.58	15.70
		For ASTM 120, Deduct	*-1.06*	
		For Schedule 80 Nipples, Add	*8.03*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*25.35*	
		For Schedule 80 Nipples, Add	*3.52*	
		For 225 LB Rating, Add	*6.16*	
		For 300 LB Rating, Add	*18.31*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-0183	EA	3/8" x 3-1/2" Long, Schedule 40 Black Steel Nipple	11.42	6.93
		For ASTM 120, Deduct	*-0.15*	
		For Schedule 80 Nipples, Add	*1.13*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*3.99*	
		For Schedule 80 Nipples, Add	*0.50*	
		For 225 LB Rating, Add	*0.87*	
		For 300 LB Rating, Add	*3.00*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.13*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0184	EA	1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	11.12	6.93
		For ASTM 120, Deduct	*-0.10*	
		For Schedule 80 Nipples, Add	*0.79*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*2.97*	
		For Schedule 80 Nipples, Add	*0.35*	
		For 225 LB Rating, Add	*0.60*	
		For 300 LB Rating, Add	*2.28*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0185	EA	3/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	11.27	6.93
		For ASTM 120, Deduct	*-0.13*	
		For Schedule 80 Nipples, Add	*0.96*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*3.48*	
		For Schedule 80 Nipples, Add	*0.42*	
		For 225 LB Rating, Add	*0.74*	
		For 300 LB Rating, Add	*2.64*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0186	EA	1" x 3-1/2" Long, Schedule 40 Black Steel Nipple	12.39	7.52
		For ASTM 120, Deduct	*-0.17*	
		For Schedule 80 Nipples, Add	*1.32*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*4.62*	
		For Schedule 80 Nipples, Add	*0.58*	
		For 225 LB Rating, Add	*1.02*	
		For 300 LB Rating, Add	*3.46*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.37*	
23 21 13 23-0187	EA	1-1/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	13.63	8.10
		For ASTM 120, Deduct	*-0.22*	
		For Schedule 80 Nipples, Add	*1.66*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*5.69*	
		For Schedule 80 Nipples, Add	*0.73*	
		For 225 LB Rating, Add	*1.28*	
		For 300 LB Rating, Add	*4.23*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0188	EA	1-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	13.90	8.10
		For ASTM 120, Deduct	*-0.26*	
		For Schedule 80 Nipples, Add	*1.97*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*6.61*	
		For Schedule 80 Nipples, Add	*0.87*	
		For 225 LB Rating, Add	*1.51*	
		For 300 LB Rating, Add	*4.88*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0189	EA	2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	18.12	10.44
		For ASTM 120, Deduct	*-0.36*	
		For Schedule 80 Nipples, Add	*2.76*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*9.17*	
		For Schedule 80 Nipples, Add	*1.21*	
		For 225 LB Rating, Add	*2.12*	
		For 300 LB Rating, Add	*6.75*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-0190	EA	2-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	26.04	13.00
		For ASTM 120, Deduct	*-0.99*	
		For Schedule 80 Nipples, Add	*7.50*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*23.54*	
		For Schedule 80 Nipples, Add	*3.29*	
		For 225 LB Rating, Add	*5.76*	
		For 300 LB Rating, Add	*16.96*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-0191	EA	3" x 3-1/2" Long, Schedule 40 Black Steel Nipple	31.87	15.70
		For ASTM 120, Deduct	*-1.25*	
		For Schedule 80 Nipples, Add	*9.50*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*29.73*	
		For Schedule 80 Nipples, Add	*4.17*	
		For 225 LB Rating, Add	*7.29*	
		For 300 LB Rating, Add	*21.40*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-0192	EA	3/8" x 4" Long, Schedule 40 Black Steel Nipple	11.42	6.93
		For ASTM 120, Deduct	*-0.15*	
		For Schedule 80 Nipples, Add	*1.13*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*3.99*	
		For Schedule 80 Nipples, Add	*0.50*	
		For 225 LB Rating, Add	*0.87*	
		For 300 LB Rating, Add	*3.00*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0193	EA	1/2" x 4" Long, Schedule 40 Black Steel Nipple	11.12	6.93
		For Schedule 80 Nipples, Add	*0.35*	
		For 225 LB Rating, Add	*0.60*	
		For 300 LB Rating, Add	*2.28*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0194	EA	3/4" x 4" Long, Schedule 40 Black Steel Nipple	11.27	6.93
		For Schedule 80 Nipples, Add	*0.42*	
		For 225 LB Rating, Add	*0.74*	
		For 300 LB Rating, Add	*2.64*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0195	EA	1" x 4" Long, Schedule 40 Black Steel Nipple	12.39	7.52
		For Schedule 80 Nipples, Add	*0.58*	
		For 225 LB Rating, Add	*1.02*	
		For 300 LB Rating, Add	*3.46*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.37*	
23 21 13 23-0196	EA	1-1/4" x 4" Long, Schedule 40 Black Steel Nipple	13.63	8.10
		For Schedule 80 Nipples, Add	*0.73*	
		For 225 LB Rating, Add	*1.28*	
		For 300 LB Rating, Add	*4.23*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0197	EA	1-1/2" x 4" Long, Schedule 40 Black Steel Nipple	13.90	8.10
		For Schedule 80 Nipples, Add	*0.87*	
		For 225 LB Rating, Add	*1.51*	
		For 300 LB Rating, Add	*4.88*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0198	EA	2" x 4" Long, Schedule 40 Black Steel Nipple	18.12	10.44
		For Schedule 80 Nipples, Add	*1.21*	
		For 225 LB Rating, Add	*2.12*	
		For 300 LB Rating, Add	*6.75*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-0199	EA	2-1/2" x 4" Long, Schedule 40 Black Steel Nipple	26.04	13.00
		For Schedule 80 Nipples, Add	*3.29*	
		For 225 LB Rating, Add	*5.76*	
		For 300 LB Rating, Add	*16.96*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-0200	EA	3" x 4" Long, Schedule 40 Black Steel Nipple	31.87	15.70
		For Schedule 80 Nipples, Add	*4.17*	
		For 225 LB Rating, Add	*7.29*	
		For 300 LB Rating, Add	*21.40*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-0201	EA	4" x 4" Long, Schedule 40 Black Steel Nipple	39.76	19.01
		For Schedule 80 Nipples, Add	*5.64*	
		For 225 LB Rating, Add	*9.87*	
		For 300 LB Rating, Add	*28.78*	
		For Standard Weight Cast Iron Fittings, Add	*0.18*	
		For Work In Restricted Working Space, Add	*8.54*	
23 21 13 23-0202	EA	3/8" x 4-1/2" Long, Schedule 40 Black Steel Nipple	11.86	6.93
		For ASTM 120, Deduct	*-0.21*	
		For Schedule 80 Nipples, Add	*1.63*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*5.49*	
		For Schedule 80 Nipples, Add	*0.72*	
		For 225 LB Rating, Add	*1.25*	
		For 300 LB Rating, Add	*4.06*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0203	EA	1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	11.24	6.93
		For ASTM 120, Deduct	*-0.12*	
		For Schedule 80 Nipples, Add	*0.92*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*3.38*	
		For Schedule 80 Nipples, Add	*0.41*	
		For 225 LB Rating, Add	*0.71*	
		For 300 LB Rating, Add	*2.57*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0204	EA	3/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	11.49	6.93
		For ASTM 120, Deduct	*-0.16*	
		For Schedule 80 Nipples, Add	*1.21*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*4.23*	
		For Schedule 80 Nipples, Add	*0.53*	
		For 225 LB Rating, Add	*0.93*	
		For 300 LB Rating, Add	*3.17*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0205	EA	1" x 4-1/2" Long, Schedule 40 Black Steel Nipple	12.61	7.52
		For ASTM 120, Deduct	*-0.21*	
		For Schedule 80 Nipples, Add	*1.57*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*5.37*	
		For Schedule 80 Nipples, Add	*0.69*	
		For 225 LB Rating, Add	*1.21*	
		For 300 LB Rating, Add	*3.99*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.37*	
23 21 13 23-0206	EA	1-1/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	13.92	8.10
		For ASTM 120, Deduct	*-0.26*	
		For Schedule 80 Nipples, Add	*2.00*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*6.68*	
		For Schedule 80 Nipples, Add	*0.88*	
		For 225 LB Rating, Add	*1.53*	
		For 300 LB Rating, Add	*4.93*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0207	EA	1-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	14.28	8.10
		For ASTM 120, Deduct	*-0.32*	
		For Schedule 80 Nipples, Add	*2.41*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*7.90*	
		For Schedule 80 Nipples, Add	*1.06*	
		For 225 LB Rating, Add	*1.85*	
		For 300 LB Rating, Add	*5.79*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0208	EA	2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	18.48	10.44
		For ASTM 120, Deduct	*-0.42*	
		For Schedule 80 Nipples, Add	*3.17*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*10.39*	
		For Schedule 80 Nipples, Add	*1.39*	
		For 225 LB Rating, Add	*2.43*	
		For 300 LB Rating, Add	*7.61*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-0209	EA	2-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	26.68	13.00
		For ASTM 120, Deduct	*-1.08*	
		For Schedule 80 Nipples, Add	*8.23*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*25.72*	
		For Schedule 80 Nipples, Add	*3.61*	
		For 225 LB Rating, Add	*6.32*	
		For 300 LB Rating, Add	*18.50*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-0210	EA	3" x 4-1/2" Long, Schedule 40 Black Steel Nipple	32.73	15.70
		For ASTM 120, Deduct	*-1.38*	
		For Schedule 80 Nipples, Add	*10.48*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*32.66*	
		For Schedule 80 Nipples, Add	*4.60*	
		For 225 LB Rating, Add	*8.04*	
		For 300 LB Rating, Add	*23.47*	
		For Standard Weight Cast Iron Fittings, Add	*0.15*	
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-0211	EA	4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	41.37	19.01
		For ASTM 120, Deduct	*-1.93*	
		For Schedule 80 Nipples, Add	*14.69*	
		For Work In Restricted Working Space, Add	*8.54*	
		For 300 LB Rating, Add	*45.53*	
		For Schedule 80 Nipples, Add	*6.45*	
		For 225 LB Rating, Add	*11.28*	
		For 300 LB Rating, Add	*32.64*	
		For Standard Weight Cast Iron Fittings, Add	*0.21*	
		For Work In Restricted Working Space, Add	*8.54*	
23 21 13 23-0212	EA	3/8" x 5" Long, Schedule 40 Black Steel Nipple	11.86	6.93
		For ASTM 120, Deduct	*-0.21*	
		For Schedule 80 Nipples, Add	*1.63*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*5.49*	
		For Schedule 80 Nipples, Add	*0.72*	
		For 225 LB Rating, Add	*1.25*	
		For 300 LB Rating, Add	*4.06*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0213	EA	1/2" x 5" Long, Schedule 40 Black Steel Nipple	11.24	6.93
		For ASTM 120, Deduct	*-0.12*	
		For Schedule 80 Nipples, Add	*0.92*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*3.38*	
		For Schedule 80 Nipples, Add	*0.41*	
		For 225 LB Rating, Add	*0.71*	
		For 300 LB Rating, Add	*2.57*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0214	EA	3/4" x 5" Long, Schedule 40 Black Steel Nipple	11.49	6.93
		For ASTM 120, Deduct	*-0.16*	
		For Schedule 80 Nipples, Add	*1.21*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*4.23*	
		For Schedule 80 Nipples, Add	*0.53*	
		For 225 LB Rating, Add	*0.93*	
		For 300 LB Rating, Add	*3.17*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0215	EA	1" x 5" Long, Schedule 40 Black Steel Nipple	12.61	7.52
		For ASTM 120, Deduct	*-0.21*	
		For Schedule 80 Nipples, Add	*1.57*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*5.37*	
		For Schedule 80 Nipples, Add	*0.69*	
		For 225 LB Rating, Add	*1.21*	
		For 300 LB Rating, Add	*3.99*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.37*	
23 21 13 23-0216	EA	1-1/4" x 5" Long, Schedule 40 Black Steel Nipple	13.92	8.10
		For ASTM 120, Deduct	*-0.26*	
		For Schedule 80 Nipples, Add	*2.00*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*6.68*	
		For Schedule 80 Nipples, Add	*0.88*	
		For 225 LB Rating, Add	*1.53*	
		For 300 LB Rating, Add	*4.93*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0217	EA	1-1/2" x 5" Long, Schedule 40 Black Steel Nipple	14.28	8.10
		For ASTM 120, Deduct	*-0.32*	
		For Schedule 80 Nipples, Add	*2.41*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*7.90*	
		For Schedule 80 Nipples, Add	*1.06*	
		For 225 LB Rating, Add	*1.85*	
		For 300 LB Rating, Add	*5.79*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0218	EA	2" x 5" Long, Schedule 40 Black Steel Nipple	18.48	10.44
		For ASTM 120, Deduct	*-0.42*	
		For Schedule 80 Nipples, Add	*3.17*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*10.39*	
		For Schedule 80 Nipples, Add	*1.39*	
		For 225 LB Rating, Add	*2.43*	
		For 300 LB Rating, Add	*7.61*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-0219	EA	2-1/2" x 5" Long, Schedule 40 Black Steel Nipple	26.68	13.00
		For ASTM 120, Deduct	*-1.08*	
		For Schedule 80 Nipples, Add	*8.23*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*25.72*	
		For Schedule 80 Nipples, Add	*3.61*	
		For 225 LB Rating, Add	*6.32*	
		For 300 LB Rating, Add	*18.50*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-0220	EA	3" x 5" Long, Schedule 40 Black Steel Nipple	32.73	15.70
		For ASTM 120, Deduct	*-1.38*	
		For Schedule 80 Nipples, Add	*10.48*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*32.66*	
		For Schedule 80 Nipples, Add	*4.60*	
		For 225 LB Rating, Add	*8.04*	
		For 300 LB Rating, Add	*23.47*	
		For Standard Weight Cast Iron Fittings, Add	*0.15*	
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-0221	EA	4" x 5" Long, Schedule 40 Black Steel Nipple	41.37	19.01
		For ASTM 120, Deduct	*-1.93*	
		For Schedule 80 Nipples, Add	*14.69*	
		For Work In Restricted Working Space, Add	*8.54*	
		For 300 LB Rating, Add	*45.53*	
		For Schedule 80 Nipples, Add	*6.45*	
		For 225 LB Rating, Add	*11.28*	
		For 300 LB Rating, Add	*32.64*	
		For Standard Weight Cast Iron Fittings, Add	*0.21*	
		For Work In Restricted Working Space, Add	*8.54*	
23 21 13 23-0222	EA	3/8" x 6" Long, Schedule 40 Black Steel Nipple	12.02	6.93
		For ASTM 120, Deduct	*-0.24*	
		For Schedule 80 Nipples, Add	*1.81*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*6.03*	
		For Schedule 80 Nipples, Add	*0.80*	
		For 225 LB Rating, Add	*1.39*	
		For 300 LB Rating, Add	*4.44*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*3.13*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0223	EA	1/2" x 6" Long, Schedule 40 Black Steel Nipple	11.34	6.93
		For ASTM 120, Deduct	*-0.14*	
		For Schedule 80 Nipples, Add	*1.04*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*3.72*	
		For Schedule 80 Nipples, Add	*0.46*	
		For 225 LB Rating, Add	*0.80*	
		For 300 LB Rating, Add	*2.81*	
		For Standard Weight Cast Iron Fittings, Add	*0.01*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0224	EA	3/4" x 6" Long, Schedule 40 Black Steel Nipple	11.63	6.93
		For ASTM 120, Deduct	*-0.18*	
		For Schedule 80 Nipples, Add	*1.37*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*4.71*	
		For Schedule 80 Nipples, Add	*0.60*	
		For 225 LB Rating, Add	*1.05*	
		For 300 LB Rating, Add	*3.51*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0225	EA	1" x 6" Long, Schedule 40 Black Steel Nipple	12.86	7.52
		For ASTM 120, Deduct	*-0.24*	
		For Schedule 80 Nipples, Add	*1.86*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*6.22*	
		For Schedule 80 Nipples, Add	*0.82*	
		For 225 LB Rating, Add	*1.43*	
		For 300 LB Rating, Add	*4.59*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*3.37*	
23 21 13 23-0226	EA	1-1/4" x 6" Long, Schedule 40 Black Steel Nipple	14.25	8.10
		For ASTM 120, Deduct	*-0.31*	
		For Schedule 80 Nipples, Add	*2.37*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*7.80*	
		For Schedule 80 Nipples, Add	*1.04*	
		For 225 LB Rating, Add	*1.82*	
		For 300 LB Rating, Add	*5.72*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0227	EA	1-1/2" x 6" Long, Schedule 40 Black Steel Nipple	14.59	8.10
		For ASTM 120, Deduct	*-0.36*	
		For Schedule 80 Nipples, Add	*2.76*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*8.96*	
		For Schedule 80 Nipples, Add	*1.21*	
		For 225 LB Rating, Add	*2.12*	
		For 300 LB Rating, Add	*6.54*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0228	EA	2" x 6" Long, Schedule 40 Black Steel Nipple	18.96	10.44
		For ASTM 120, Deduct	*-0.49*	
		For Schedule 80 Nipples, Add	*3.72*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*12.03*	
		For Schedule 80 Nipples, Add	*1.63*	
		For 225 LB Rating, Add	*2.85*	
		For 300 LB Rating, Add	*8.77*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-0229	EA	2-1/2" x 6" Long, Schedule 40 Black Steel Nipple	26.99	13.00
		For ASTM 120, Deduct	*-1.13*	
		For Schedule 80 Nipples, Add	*8.58*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*26.77*	
		For Schedule 80 Nipples, Add	*3.77*	
		For 225 LB Rating, Add	*6.59*	
		For 300 LB Rating, Add	*19.24*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-0230	EA	3" x 6" Long, Schedule 40 Black Steel Nipple	33.53	15.70
		For ASTM 120, Deduct	*-1.50*	
		For Schedule 80 Nipples, Add	*11.39*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*35.38*	
		For Schedule 80 Nipples, Add	*5.00*	
		For 225 LB Rating, Add	*8.74*	
		For 300 LB Rating, Add	*25.39*	
		For Standard Weight Cast Iron Fittings, Add	*0.16*	
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-0231	EA	4" x 6" Long, Schedule 40 Black Steel Nipple	42.26	19.01
		For ASTM 120, Deduct	*-2.07*	
		For Schedule 80 Nipples, Add	*15.71*	
		For Work In Restricted Working Space, Add	*8.54*	
		For 300 LB Rating, Add	*48.56*	
		For Schedule 80 Nipples, Add	*6.89*	
		For 225 LB Rating, Add	*12.06*	
		For 300 LB Rating, Add	*34.78*	
		For Standard Weight Cast Iron Fittings, Add	*0.22*	
		For Work In Restricted Working Space, Add	*8.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0232	EA	3/8" x 8" Long, Schedule 40 Black Steel Nipple	13.22	6.93
		For ASTM 120, Deduct	*-0.42*	
		For Schedule 80 Nipples, Add	*3.18*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*10.11*	
		For Schedule 80 Nipples, Add	*1.40*	
		For 225 LB Rating, Add	*2.44*	
		For 300 LB Rating, Add	*7.32*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0233	EA	1/2" x 8" Long, Schedule 40 Black Steel Nipple	12.06	6.93
		For ASTM 120, Deduct	*-0.24*	
		For Schedule 80 Nipples, Add	*1.86*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*6.17*	
		For Schedule 80 Nipples, Add	*0.82*	
		For 225 LB Rating, Add	*1.43*	
		For 300 LB Rating, Add	*4.54*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0234	EA	3/4" x 8" Long, Schedule 40 Black Steel Nipple	12.43	6.93
		For ASTM 120, Deduct	*-0.30*	
		For Schedule 80 Nipples, Add	*2.28*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*7.43*	
		For Schedule 80 Nipples, Add	*1.00*	
		For 225 LB Rating, Add	*1.75*	
		For 300 LB Rating, Add	*5.43*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0235	EA	1" x 8" Long, Schedule 40 Black Steel Nipple	13.90	7.52
		For ASTM 120, Deduct	*-0.40*	
		For Schedule 80 Nipples, Add	*3.04*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*9.75*	
		For Schedule 80 Nipples, Add	*1.34*	
		For 225 LB Rating, Add	*2.34*	
		For 300 LB Rating, Add	*7.08*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*3.37*	
23 21 13 23-0236	EA	1-1/4" x 8" Long, Schedule 40 Black Steel Nipple	15.52	8.10
		For ASTM 120, Deduct	*-0.50*	
		For Schedule 80 Nipples, Add	*3.82*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*12.12*	
		For Schedule 80 Nipples, Add	*1.68*	
		For 225 LB Rating, Add	*2.93*	
		For 300 LB Rating, Add	*8.77*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0237	EA	1-1/2" x 8" Long, Schedule 40 Black Steel Nipple	16.02	8.10
		For ASTM 120, Deduct	*-0.58*	
		For Schedule 80 Nipples, Add	*4.39*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*13.82*	
		For Schedule 80 Nipples, Add	*1.93*	
		For 225 LB Rating, Add	*3.37*	
		For 300 LB Rating, Add	*9.97*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0238	EA	2" x 8" Long, Schedule 40 Black Steel Nipple	21.17	10.44
		For ASTM 120, Deduct	*-0.82*	
		For Schedule 80 Nipples, Add	*6.24*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*19.54*	
		For Schedule 80 Nipples, Add	*2.74*	
		For 225 LB Rating, Add	*4.79*	
		For 300 LB Rating, Add	*14.07*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-0239	EA	2-1/2" x 8" Long, Schedule 40 Black Steel Nipple	29.04	13.00
		For ASTM 120, Deduct	*-1.44*	
		For Schedule 80 Nipples, Add	*10.92*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*33.74*	
		For Schedule 80 Nipples, Add	*4.79*	
		For 225 LB Rating, Add	*8.38*	
		For 300 LB Rating, Add	*24.16*	
		For Standard Weight Cast Iron Fittings, Add	*0.15*	
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-0240	EA	3" x 8" Long, Schedule 40 Black Steel Nipple	37.02	15.70
		For ASTM 120, Deduct	*-2.02*	
		For Schedule 80 Nipples, Add	*15.37*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*47.24*	
		For Schedule 80 Nipples, Add	*6.74*	
		For 225 LB Rating, Add	*11.80*	
		For 300 LB Rating, Add	*33.76*	
		For Standard Weight Cast Iron Fittings, Add	*0.22*	
		For Work In Restricted Working Space, Add	*7.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0241	EA	4" x 8" Long, Schedule 40 Black Steel Nipple	44.38	19.01
		For ASTM 120, Deduct	*-2.39*	
		For Schedule 80 Nipples, Add	*18.13*	
		For Work In Restricted Working Space, Add	*8.54*	
		For 300 LB Rating, Add	*55.77*	
		For Schedule 80 Nipples, Add	*7.95*	
		For 225 LB Rating, Add	*13.91*	
		For 300 LB Rating, Add	*39.87*	
		For Standard Weight Cast Iron Fittings, Add	*0.25*	
		For Work In Restricted Working Space, Add	*8.54*	
23 21 13 23-0242	EA	3/8" x 10" Long, Schedule 40 Black Steel Nipple	13.56	6.93
		For ASTM 120, Deduct	*-0.47*	
		For Schedule 80 Nipples, Add	*3.57*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*11.27*	
		For Schedule 80 Nipples, Add	*1.57*	
		For 225 LB Rating, Add	*2.74*	
		For 300 LB Rating, Add	*8.14*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0243	EA	1/2" x 10" Long, Schedule 40 Black Steel Nipple	12.39	6.93
		For ASTM 120, Deduct	*-0.29*	
		For Schedule 80 Nipples, Add	*2.23*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*7.29*	
		For Schedule 80 Nipples, Add	*0.98*	
		For 225 LB Rating, Add	*1.72*	
		For 300 LB Rating, Add	*5.33*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0244	EA	3/4" x 10" Long, Schedule 40 Black Steel Nipple	12.75	6.93
		For ASTM 120, Deduct	*-0.35*	
		For Schedule 80 Nipples, Add	*2.64*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*8.51*	
		For Schedule 80 Nipples, Add	*1.16*	
		For 225 LB Rating, Add	*2.03*	
		For 300 LB Rating, Add	*6.19*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0245	EA	1" x 10" Long, Schedule 40 Black Steel Nipple	14.35	7.52
		For ASTM 120, Deduct	*-0.47*	
		For Schedule 80 Nipples, Add	*3.56*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*11.28*	
		For Schedule 80 Nipples, Add	*1.56*	
		For 225 LB Rating, Add	*2.73*	
		For 300 LB Rating, Add	*8.16*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
		For Work In Restricted Working Space, Add	*3.37*	
23 21 13 23-0246	EA	1-1/4" x 10" Long, Schedule 40 Black Steel Nipple	16.19	8.10
		For ASTM 120, Deduct	*-0.60*	
		For Schedule 80 Nipples, Add	*4.58*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*14.40*	
		For Schedule 80 Nipples, Add	*2.01*	
		For 225 LB Rating, Add	*3.52*	
		For 300 LB Rating, Add	*10.38*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0247	EA	1-1/2" x 10" Long, Schedule 40 Black Steel Nipple	16.67	8.10
		For ASTM 120, Deduct	*-0.68*	
		For Schedule 80 Nipples, Add	*5.13*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*16.03*	
		For Schedule 80 Nipples, Add	*2.25*	
		For 225 LB Rating, Add	*3.94*	
		For 300 LB Rating, Add	*11.53*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0248	EA	2" x 10" Long, Schedule 40 Black Steel Nipple	22.13	10.44
		For ASTM 120, Deduct	*-0.96*	
		For Schedule 80 Nipples, Add	*7.33*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*22.80*	
		For Schedule 80 Nipples, Add	*3.22*	
		For 225 LB Rating, Add	*5.63*	
		For 300 LB Rating, Add	*16.37*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-0249	EA	2-1/2" x 10" Long, Schedule 40 Black Steel Nipple	30.22	13.00
		For ASTM 120, Deduct	*-1.61*	
		For Schedule 80 Nipples, Add	*12.27*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*37.75*	
		For Schedule 80 Nipples, Add	*5.38*	
		For 225 LB Rating, Add	*9.42*	
		For 300 LB Rating, Add	*26.99*	
		For Standard Weight Cast Iron Fittings, Add	*0.17*	
		For Work In Restricted Working Space, Add	*5.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0250	EA	3" x 10" Long, Schedule 40 Black Steel Nipple	38.68	15.70
		For ASTM 120, Deduct	*-2.27*	
		For Schedule 80 Nipples, Add	*17.26*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*52.89*	
		For Schedule 80 Nipples, Add	*7.57*	
		For 225 LB Rating, Add	*13.25*	
		For 300 LB Rating, Add	*37.75*	
		For Standard Weight Cast Iron Fittings, Add	*0.24*	
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-0251	EA	4" x 10" Long, Schedule 40 Black Steel Nipple	46.59	19.01
		For ASTM 120, Deduct	*-2.72*	
		For Schedule 80 Nipples, Add	*20.65*	
		For Work In Restricted Working Space, Add	*8.54*	
		For 300 LB Rating, Add	*63.28*	
		For Schedule 80 Nipples, Add	*9.06*	
		For 225 LB Rating, Add	*15.85*	
		For 300 LB Rating, Add	*45.17*	
		For Standard Weight Cast Iron Fittings, Add	*0.29*	
		For Work In Restricted Working Space, Add	*8.54*	
23 21 13 23-0252	EA	3/8" x 12" Long, Schedule 40 Black Steel Nipple	13.99	6.93
		For ASTM 120, Deduct	*-0.53*	
		For Schedule 80 Nipples, Add	*4.06*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*12.73*	
		For Schedule 80 Nipples, Add	*1.78*	
		For 225 LB Rating, Add	*3.12*	
		For 300 LB Rating, Add	*9.17*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0253	EA	1/2" x 12" Long, Schedule 40 Black Steel Nipple	12.76	6.93
		For ASTM 120, Deduct	*-0.35*	
		For Schedule 80 Nipples, Add	*2.66*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*8.55*	
		For Schedule 80 Nipples, Add	*1.17*	
		For 225 LB Rating, Add	*2.04*	
		For 300 LB Rating, Add	*6.22*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0254	EA	3/4" x 12" Long, Schedule 40 Black Steel Nipple	13.01	6.93
		For ASTM 120, Deduct	*-0.39*	
		For Schedule 80 Nipples, Add	*2.94*	
		For Work In Restricted Working Space, Add	*3.13*	
		For 300 LB Rating, Add	*9.40*	
		For Schedule 80 Nipples, Add	*1.29*	
		For 225 LB Rating, Add	*2.26*	
		For 300 LB Rating, Add	*6.82*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*3.13*	
23 21 13 23-0255	EA	1" x 12" Long, Schedule 40 Black Steel Nipple	14.81	7.52
		For ASTM 120, Deduct	*-0.54*	
		For Schedule 80 Nipples, Add	*4.08*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*12.85*	
		For Schedule 80 Nipples, Add	*1.79*	
		For 225 LB Rating, Add	*3.13*	
		For 300 LB Rating, Add	*9.27*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
		For Work In Restricted Working Space, Add	*3.37*	
23 21 13 23-0256	EA	1-1/4" x 12" Long, Schedule 40 Black Steel Nipple	16.73	8.10
		For ASTM 120, Deduct	*-0.68*	
		For Schedule 80 Nipples, Add	*5.20*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*16.23*	
		For Schedule 80 Nipples, Add	*2.28*	
		For 225 LB Rating, Add	*3.99*	
		For 300 LB Rating, Add	*11.67*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0257	EA	1-1/2" x 12" Long, Schedule 40 Black Steel Nipple	17.35	8.10
		For ASTM 120, Deduct	*-0.78*	
		For Schedule 80 Nipples, Add	*5.91*	
		For Work In Restricted Working Space, Add	*3.65*	
		For 300 LB Rating, Add	*18.34*	
		For Schedule 80 Nipples, Add	*2.59*	
		For 225 LB Rating, Add	*4.53*	
		For 300 LB Rating, Add	*13.16*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0258	EA	2" x 12" Long, Schedule 40 Black Steel Nipple	23.10	10.44
		For ASTM 120, Deduct	*-1.11*	
		For Schedule 80 Nipples, Add	*8.44*	
		For Work In Restricted Working Space, Add	*4.71*	
		For 300 LB Rating, Add	*26.10*	
		For Schedule 80 Nipples, Add	*3.70*	
		For 225 LB Rating, Add	*6.48*	
		For 300 LB Rating, Add	*18.70*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
		For Work In Restricted Working Space, Add	*4.71*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0259	EA	2-1/2" x 12" Long, Schedule 40 Black Steel Nipple	31.44	13.00
		For ASTM 120, Deduct	*-1.80*	
		For Schedule 80 Nipples, Add	*13.66*	
		For Work In Restricted Working Space, Add	*5.84*	
		For 300 LB Rating, Add	*41.90*	
		For Schedule 80 Nipples, Add	*5.99*	
		For 225 LB Rating, Add	*10.48*	
		For 300 LB Rating, Add	*29.92*	
		For Standard Weight Cast Iron Fittings, Add	*0.19*	
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-0260	EA	3" x 12" Long, Schedule 40 Black Steel Nipple	40.34	15.70
		For ASTM 120, Deduct	*-2.52*	
		For Schedule 80 Nipples, Add	*19.15*	
		For Work In Restricted Working Space, Add	*7.06*	
		For 300 LB Rating, Add	*58.53*	
		For Schedule 80 Nipples, Add	*8.40*	
		For 225 LB Rating, Add	*14.70*	
		For 300 LB Rating, Add	*41.73*	
		For Standard Weight Cast Iron Fittings, Add	*0.27*	
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-0261	EA	4" x 12" Long, Schedule 40 Black Steel Nipple	49.71	19.01
		For ASTM 120, Deduct	*-3.18*	
		For Schedule 80 Nipples, Add	*24.20*	
		For Work In Restricted Working Space, Add	*8.54*	
		For 300 LB Rating, Add	*73.89*	
		For Schedule 80 Nipples, Add	*10.62*	
		For 225 LB Rating, Add	*18.58*	
		For 300 LB Rating, Add	*52.66*	
		For Standard Weight Cast Iron Fittings, Add	*0.34*	
		For Work In Restricted Working Space, Add	*8.54*	

23 21 13 23-0262 Black Cast Iron Square Head Plugs *(23 21 13 23-0014)*

23 21 13 23-0263	EA	1/2", 150 LB, Black Malleable Iron Square Head Plug	9.50	5.63
		For Work In Restricted Working Space, Add	*2.53*	
23 21 13 23-0264	EA	3/4", 150 LB, Black Malleable Iron Square Head Plug	10.45	5.18
		For Work In Restricted Working Space, Add	*2.33*	
23 21 13 23-0265	EA	1", 150 LB, Black Malleable Iron Square Head Plug	14.69	7.81
		For Work In Restricted Working Space, Add	*3.50*	
23 21 13 23-0266	EA	1-1/4", 150 LB, Black Malleable Iron Square Head Plug	15.11	7.89
		For Work In Restricted Working Space, Add	*3.53*	
23 21 13 23-0267	EA	1-1/2", 150 LB, Black Malleable Iron Square Head Plug	16.45	7.89
		For Work In Restricted Working Space, Add	*3.53*	
23 21 13 23-0268	EA	2", 150 LB, Black Malleable Iron Square Head Plug	21.76	10.44
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-0269	EA	2-1/2", 150 LB, Black Malleable Iron Square Head Plug	28.24	13.00
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-0270	EA	3", 150 LB, Black Malleable Iron Square Head Plug	37.64	15.70
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-0271	EA	4", 150 LB, Black Malleable Iron Square Head Plug	45.03	19.01
		For Work In Restricted Working Space, Add	*8.54*	
23 21 13 23-0272	EA	5", 150 LB, Black Malleable Iron Square Head Plug	64.54	23.77
		For Work In Restricted Working Space, Add	*10.68*	
23 21 13 23-0273	EA	6", 150 LB, Black Malleable Iron Square Head Plug	80.29	28.26
		For Work In Restricted Working Space, Add	*12.73*	

23 21 13 23-0274 125 LB Black Cast Iron Screwed Flanges *(23 21 13 23-0014)*

23 21 13 23-0275	EA	1", 125 LB, Black Cast Iron Flange	65.67	32.99
		For Work In Restricted Working Space, Add	*14.85*	
23 21 13 23-0276	EA	1-1/4", 125 LB, Black Cast Iron Flange	69.67	34.16
		For Work In Restricted Working Space, Add	*15.37*	
23 21 13 23-0277	EA	1-1/2", 125 LB, Black Cast Iron Flange	73.89	37.16
		For Work In Restricted Working Space, Add	*16.72*	
23 21 13 23-0278	EA	2", 125 LB, Black Cast Iron Flange	77.44	38.76
		For Work In Restricted Working Space, Add	*17.45*	
23 21 13 23-0279	EA	2-1/2", 125 LB, Black Cast Iron Flange	88.63	44.89
		For Work In Restricted Working Space, Add	*20.18*	
23 21 13 23-0280	EA	3", 125 LB, Black Cast Iron Flange	114.36	56.94
		For Work In Restricted Working Space, Add	*25.61*	
23 21 13 23-0281	EA	4", 125 LB, Black Cast Iron Flange	153.03	75.96
		For Work In Restricted Working Space, Add	*34.17*	
23 21 13 23-0282	EA	5", 125 LB, Black Cast Iron Flange	187.86	90.49
		For Work In Restricted Working Space, Add	*40.68*	
23 21 13 23-0283	EA	6", 125 LB, Black Cast Iron Flange	218.02	103.87
		For Work In Restricted Working Space, Add	*46.72*	

23 21 13 23-0284 150 LB, Black Malleable Iron Flanges *(23 21 13 23-0014)*

23 21 13 23-0285	EA	3/4", 150 LB, Black Malleable Iron Flange	51.76	29.20
		For Work In Restricted Working Space, Add	*13.14*	
23 21 13 23-0286	EA	1", 150 LB, Black Malleable Iron Flange	58.05	32.99
		For Work In Restricted Working Space, Add	*14.85*	
23 21 13 23-0287	EA	1-1/4", 150 LB, Black Malleable Iron Flange	60.38	34.16
		For Work In Restricted Working Space, Add	*15.37*	
23 21 13 23-0288	EA	1-1/2", 150 LB, Black Malleable Iron Flange	65.72	37.16
		For Work In Restricted Working Space, Add	*16.72*	
23 21 13 23-0289	EA	2", 150 LB, Black Malleable Iron Flange	71.17	38.76
		For Work In Restricted Working Space, Add	*17.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0290	EA	2-1/2", 150 LB, Black Malleable Iron Flange	88.85	44.89
		For Work In Restricted Working Space, Add	*20.18*	
23 21 13 23-0291	EA	3", 150 LB, Black Malleable Iron Flange	112.62	56.94
		For Work In Restricted Working Space, Add	*25.61*	
23 21 13 23-0292	EA	4", 150 LB, Black Malleable Iron Flange	160.21	75.96
		For Work In Restricted Working Space, Add	*34.17*	

23 21 13 23-0293 Cut And Thread Existing In-Place Black Steel Pipe *(23 21 13 23-0014)*

Note: For use when connecting pipe to an existing in-place system.

23 21 13 23-0294	EA	1/2", Cut And Thread Existing In Place Black Steel Pipe	23.78	
		For Work In Restricted Working Space, Add	*7.13*	
23 21 13 23-0295	EA	3/4", Cut And Thread Existing In Place Black Steel Pipe	26.17	
		For Work In Restricted Working Space, Add	*7.85*	
23 21 13 23-0296	EA	1", Cut And Thread Existing In Place Black Steel Pipe	28.55	
		For Work In Restricted Working Space, Add	*8.57*	
23 21 13 23-0297	EA	1-1/4", Cut And Thread Existing In Place Black Steel Pipe	30.92	
		For Work In Restricted Working Space, Add	*9.28*	
23 21 13 23-0298	EA	1-1/2", Cut And Thread Existing In Place Black Steel Pipe	32.51	
		For Work In Restricted Working Space, Add	*9.75*	
23 21 13 23-0299	EA	2", Cut And Thread Existing In Place Black Steel Pipe	34.10	
		For Work In Restricted Working Space, Add	*10.23*	
23 21 13 23-0300	EA	2-1/2", Cut And Thread Existing In Place Black Steel Pipe	35.69	
		For Work In Restricted Working Space, Add	*10.71*	
23 21 13 23-0301	EA	3", Cut And Thread Existing In Place Black Steel Pipe	37.27	
		For Work In Restricted Working Space, Add	*11.18*	
23 21 13 23-0302	EA	4", Cut And Thread Existing In Place Black Steel Pipe	38.85	
		For Work In Restricted Working Space, Add	*11.66*	
23 21 13 23-0303	EA	6", Cut And Thread Existing In Place Black Steel Pipe	42.02	
		For Work In Restricted Working Space, Add	*12.61*	
23 21 13 23-0304	EA	8", Cut And Thread Existing In Place Black Steel Pipe	45.19	
		For Work In Restricted Working Space, Add	*13.56*	
23 21 13 23-0305	EA	10", Cut And Thread Existing In Place Black Steel Pipe	49.16	
		For Work In Restricted Working Space, Add	*14.75*	
23 21 13 23-0306	EA	12", Cut And Thread Existing In Place Black Steel Pipe	52.33	
		For Work In Restricted Working Space, Add	*15.70*	

23 21 13 23-0307 Welded Black Steel Pipe *(23 21 13 23)*

23 21 13 23-0308 Welded Plain End Black Steel Pipe Assemblies *(23 21 13 23-0307)*

Note: ASTM A-53. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

23 21 13 23-0309	LF	3/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	20.91	7.21
		For Work In Restricted Working Space, Add	*5.27*	
23 21 13 23-0310	LF	1" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	23.49	7.69
		For Work In Restricted Working Space, Add	*5.90*	
23 21 13 23-0311	LF	1-1/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	27.31	8.17
		For Work In Restricted Working Space, Add	*6.77*	
23 21 13 23-0312	LF	1-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	28.65	8.17
		For Work In Restricted Working Space, Add	*7.08*	
23 21 13 23-0313	LF	2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	33.06	8.17
		For Work In Restricted Working Space, Add	*8.20*	
23 21 13 23-0314	LF	2-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	40.49	8.17
		For Work In Restricted Working Space, Add	*9.50*	
23 21 13 23-0315	LF	3" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	44.44	7.97
		For Work In Restricted Working Space, Add	*10.03*	
23 21 13 23-0316	LF	4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	54.46	9.52
		For Work In Restricted Working Space, Add	*11.81*	
23 21 13 23-0317	LF	6" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	70.85	14.19
		For Work In Restricted Working Space, Add	*13.60*	
23 21 13 23-0318	LF	8" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	106.04	17.61
		For Work In Restricted Working Space, Add	*20.17*	
23 21 13 23-0319	LF	10" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	135.71	22.03
		For Work In Restricted Working Space, Add	*24.05*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0320	LF	12" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	166.33	26.60
		For Work In Restricted Working Space, Add	*27.79*	
23 21 13 23-0321	LF	14" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	185.45	34.71
		For Work In Restricted Working Space, Add	*31.01*	
23 21 13 23-0322	LF	16" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	205.99	44.04
		For Work In Restricted Working Space, Add	*34.65*	
23 21 13 23-0323	LF	18" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	265.95	54.53
		For Work In Restricted Working Space, Add	*38.02*	
23 21 13 23-0324	LF	20" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	304.65	67.39
		For Work In Restricted Working Space, Add	*43.52*	
23 21 13 23-0325	LF	24" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	354.66	76.37
		For Work In Restricted Working Space, Add	*47.85*	
23 21 13 23-0326		**Welded Black Steel Pipe And Fittings** *(23 21 13 23-0307)* Note: ASTM A-53. Excludes hangers or fittings.		
23 21 13 23-0327		**Welded Plain End Black Steel Piping** *(23 21 13 23-0326)* Note: ASTM A-53		
23 21 13 23-0328	LF	3/4" Schedule 40, Welded Plain End Black Steel Pipe	9.16	3.84
		For Schedule 80 Pipe, Add	*1.45*	
		For Schedule A-106 Pipe, Add	*0.18*	
		For Work In Restricted Working Space, Add	*2.31*	
23 21 13 23-0329	LF	1" Schedule 40, Welded Plain End Black Steel Pipe	11.56	4.80
		For Schedule 80 Pipe, Add	*1.83*	
		For Schedule A-106 Pipe, Add	*0.23*	
		For Work In Restricted Working Space, Add	*2.88*	
23 21 13 23-0330	LF	1-1/4" Schedule 40, Welded Plain End Black Steel Pipe	14.39	5.77
		For Schedule 80 Pipe, Add	*2.30*	
		For Schedule A-106 Pipe, Add	*0.34*	
		For Work In Restricted Working Space, Add	*3.46*	
23 21 13 23-0331	LF	1-1/2" Schedule 40, Welded Plain End Black Steel Pipe	17.26	6.72
		For Schedule 80 Pipe, Add	*2.78*	
		For Schedule A-106 Pipe, Add	*0.46*	
		For Work In Restricted Working Space, Add	*4.04*	
23 21 13 23-0332	LF	2" Schedule 40, Welded Plain End Black Steel Pipe	20.51	7.97
		For Schedule 80 Pipe, Add	*3.30*	
		For Schedule A-106 Pipe, Add	*0.55*	
		For Work In Restricted Working Space, Add	*4.79*	
23 21 13 23-0333	LF	2-1/2" Schedule 40, Welded Plain End Black Steel Pipe	23.37	9.03
		For Schedule 80 Pipe, Add	*5.02*	
		For Schedule A-106 Pipe, Add	*0.64*	
		For Work In Restricted Working Space, Add	*5.42*	
23 21 13 23-0334	LF	3" Schedule 40, Welded Plain End Black Steel Pipe	27.85	9.70
		For Schedule 80 Pipe, Add	*6.35*	
		For Schedule A-106 Pipe, Add	*1.01*	
		For Work In Restricted Working Space, Add	*5.83*	
23 21 13 23-0335	LF	4" Schedule 40, Welded Plain End Black Steel Pipe	37.53	12.01
		For Schedule 80 Pipe, Add	*8.93*	
		For Schedule A-106 Pipe, Add	*1.62*	
		For Work In Restricted Working Space, Add	*7.21*	
23 21 13 23-0336	LF	6" Schedule 40, Welded Plain End Black Steel Pipe	52.44	19.46
		For Schedule 80 Pipe, Add	*13.14*	
		For Schedule A-106 Pipe, Add	*2.72*	
		For Work In Restricted Working Space, Add	*8.94*	
23 21 13 23-0337	LF	8" Schedule 40, Welded Plain End Black Steel Pipe	72.02	18.94
		For Schedule 80 Pipe, Add	*18.58*	
		For Schedule A-106 Pipe, Add	*4.10*	
		For Schedule 30 Pipe, Deduct	*-10.62*	
		For Work In Restricted Working Space, Add	*11.36*	
23 21 13 23-0338	LF	10" Schedule 40, Welded Plain End Black Steel Pipe	93.96	22.81
		For Schedule 80 Pipe, Add	*24.90*	
		For Schedule A-106 Pipe, Add	*5.80*	
		For Schedule 30 Pipe, Deduct	*-14.23*	
		For Work In Restricted Working Space, Add	*13.69*	
23 21 13 23-0339	LF	12" Schedule 40, Welded Plain End Black Steel Pipe	119.05	27.58
		For Schedule 80 Pipe, Add	*32.02*	
		For Schedule A-106 Pipe, Add	*7.67*	
		For Schedule 30 Pipe, Deduct	*-18.30*	
		For Work In Restricted Working Space, Add	*16.54*	
23 21 13 23-0340	LF	14" Schedule 40, Welded Plain End Black Steel Pipe	116.42	29.07
		For Schedule 80 Pipe, Add	*30.57*	
		For Schedule A-106 Pipe, Add	*6.99*	
		For Schedule 30 Pipe, Deduct	*-17.47*	
		For Schedule 20 Pipe, Deduct	*-32.03*	
		For Work In Restricted Working Space, Add	*17.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0341	LF	16" Schedule 40, Welded Plain End Black Steel Pipe	127.69	31.27
		For Schedule 80 Pipe, Add	*33.75*	
		For Schedule A-106 Pipe, Add	*7.82*	
		For Schedule 30 Pipe, Deduct	*-19.28*	
		For Schedule 20 Pipe, Deduct	*-35.31*	
		For Work In Restricted Working Space, Add	*18.77*	
23 21 13 23-0342	LF	18" Schedule 40, Welded Plain End Black Steel Pipe	157.93	33.83
		For Schedule 80 Pipe, Add	*43.44*	
		For Schedule A-106 Pipe, Add	*10.83*	
		For Schedule 30 Pipe, Deduct	*-24.82*	
		For Schedule 20 Pipe, Deduct	*-45.13*	
		For Work In Restricted Working Space, Add	*20.30*	
23 21 13 23-0343	LF	20" Schedule 40, Welded Plain End Black Steel Pipe	187.04	40.52
		For Schedule 80 Pipe, Add	*51.28*	
		For Schedule A-106 Pipe, Add	*12.72*	
		For Work In Restricted Working Space, Add	*24.31*	
23 21 13 23-0344	LF	24" Schedule 40, Welded Plain End Black Steel Pipe	230.14	46.60
		For Schedule 80 Pipe, Add	*64.24*	
		For Schedule A-106 Pipe, Add	*16.43*	
		For Work In Restricted Working Space, Add	*27.96*	

23 21 13 23-0345 Welded Plain End Black Steel 90 Degree Elbows *(23 21 13 23-0326)*

23 21 13 23-0346	EA	3/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	105.52	55.85
		For Schedule 80 Fittings, Add	*22.87*	
		For Work In Restricted Working Space, Add	*25.11*	
23 21 13 23-0347	EA	1" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	109.90	58.76
		For Schedule 80 Fittings, Add	*23.72*	
		For Work In Restricted Working Space, Add	*26.42*	
23 21 13 23-0348	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	122.24	66.95
		For Schedule 80 Fittings, Add	*26.13*	
		For Work In Restricted Working Space, Add	*30.12*	
23 21 13 23-0349	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	130.16	72.23
		For Schedule 80 Fittings, Add	*27.67*	
		For Work In Restricted Working Space, Add	*32.50*	
23 21 13 23-0350	EA	2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	162.75	94.00
		For Schedule 80 Fittings, Add	*34.03*	
		For Work In Restricted Working Space, Add	*42.28*	
23 21 13 23-0351	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	205.26	117.51
		For Schedule 80 Fittings, Add	*43.08*	
		For Work In Restricted Working Space, Add	*52.85*	
23 21 13 23-0352	EA	3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	229.54	129.94
		For Schedule 80 Fittings, Add	*48.41*	
		For Work In Restricted Working Space, Add	*58.43*	
23 21 13 23-0353	EA	4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	394.15	224.51
		For Schedule 80 Fittings, Add	*82.90*	
		For Work In Restricted Working Space, Add	*100.99*	
23 21 13 23-0354	EA	6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	697.03	370.51
		For Schedule 80 Fittings, Add	*150.78*	
		For Work In Restricted Working Space, Add	*166.67*	
23 21 13 23-0355	EA	8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	978.28	477.36
		For Schedule 80 Fittings, Add	*218.33*	
		For Work In Restricted Working Space, Add	*214.72*	
23 21 13 23-0356	EA	10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,300.04	545.63
		For Schedule 80 Fittings, Add	*304.12*	
		For Work In Restricted Working Space, Add	*245.39*	
23 21 13 23-0357	EA	12" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,769.26	713.88
		For Schedule 80 Fittings, Add	*418.40*	
		For Work In Restricted Working Space, Add	*321.08*	
23 21 13 23-0358	EA	14" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,211.21	843.82
		For Schedule 80 Fittings, Add	*530.53*	
		For Work In Restricted Working Space, Add	*379.53*	
23 21 13 23-0359	EA	16" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,772.27	985.38
		For Schedule 80 Fittings, Add	*676.57*	
		For Work In Restricted Working Space, Add	*443.18*	
23 21 13 23-0360	EA	18" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,313.99	1,098.75
		For Schedule 80 Fittings, Add	*821.24*	
		For Work In Restricted Working Space, Add	*494.18*	
23 21 13 23-0361	EA	20" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,296.81	1,231.94
		For Schedule 80 Fittings, Add	*1,095.10*	
		For Work In Restricted Working Space, Add	*554.12*	
23 21 13 23-0362	EA	24" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	5,110.19	1,273.07
		For Schedule 80 Fittings, Add	*1,332.65*	
		For Work In Restricted Working Space, Add	*572.58*	

23 21 13 23-0363 Welded Plain End Black Steel Reducing 90 Degree Elbows *(23 21 13 23-0326)*

23 21 13 23-0364	EA	4" x 3" 90 Standard Weight, Welded Plain End Black Steel Reducing 90 Degree Elbow	573.91	224.90
		For Schedule 80 Fittings, Add	*136.76*	
		For Work In Restricted Working Space, Add	*101.17*	
23 21 13 23-0365	EA	6" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,012.17	366.28
		For Schedule 80 Fittings, Add	*245.98*	
		For Work In Restricted Working Space, Add	*164.76*	
23 21 13 23-0366	EA	6" x 3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,091.55	366.28
		For Schedule 80 Fittings, Add	*269.80*	
		For Work In Restricted Working Space, Add	*164.76*	
23 21 13 23-0367	EA	8" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,692.32	477.36
		For Schedule 80 Fittings, Add	*432.54*	
		For Work In Restricted Working Space, Add	*214.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0368	EA	8" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,881.59	477.36
		For Schedule 80 Fittings, Add	*489.33*	
		For Work In Restricted Working Space, Add	*214.72*	
23 21 13 23-0369	EA	10" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,378.99	545.63
		For Schedule 80 Fittings, Add	*627.81*	
		For Work In Restricted Working Space, Add	*245.39*	
23 21 13 23-0370	EA	10" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,378.99	545.63
		For Schedule 80 Fittings, Add	*627.81*	
		For Work In Restricted Working Space, Add	*245.39*	
23 21 13 23-0371	EA	12" x 10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,988.88	727.44
		For Schedule 80 Fittings, Add	*1,082.15*	
		For Work In Restricted Working Space, Add	*327.19*	
23 21 13 23-0372	EA	12" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,988.88	727.44
		For Schedule 80 Fittings, Add	*1,082.15*	
		For Work In Restricted Working Space, Add	*327.19*	
23 21 13 23-0373	EA	12" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,503.70	727.44
		For Schedule 80 Fittings, Add	*1,236.59*	
		For Work In Restricted Working Space, Add	*327.19*	

23 21 13 23-0374 Welded Plain End Black Steel 45 Degree Elbows *(23 21 13 23-0326)*

23 21 13 23-0375	EA	3/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	99.03	54.50
		For Schedule 80 Fittings, Add	*21.13*	
		For Work In Restricted Working Space, Add	*24.51*	
23 21 13 23-0376	EA	1" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	101.90	56.42
		For Schedule 80 Fittings, Add	*21.69*	
		For Work In Restricted Working Space, Add	*25.37*	
23 21 13 23-0377	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	114.41	64.78
		For Schedule 80 Fittings, Add	*24.13*	
		For Work In Restricted Working Space, Add	*29.12*	
23 21 13 23-0378	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	122.09	69.88
		For Schedule 80 Fittings, Add	*25.63*	
		For Work In Restricted Working Space, Add	*31.43*	
23 21 13 23-0379	EA	2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	152.85	90.34
		For Schedule 80 Fittings, Add	*31.63*	
		For Work In Restricted Working Space, Add	*40.66*	
23 21 13 23-0380	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	190.29	113.51
		For Schedule 80 Fittings, Add	*39.22*	
		For Work In Restricted Working Space, Add	*51.04*	
23 21 13 23-0381	EA	3" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	220.12	129.85
		For Schedule 80 Fittings, Add	*45.59*	
		For Work In Restricted Working Space, Add	*58.41*	
23 21 13 23-0382	EA	4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	378.53	224.42
		For Schedule 80 Fittings, Add	*78.22*	
		For Work In Restricted Working Space, Add	*100.96*	
23 21 13 23-0383	EA	6" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	658.21	370.13
		For Schedule 80 Fittings, Add	*139.20*	
		For Work In Restricted Working Space, Add	*166.48*	
23 21 13 23-0384	EA	8" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	907.43	477.36
		For Schedule 80 Fittings, Add	*197.08*	
		For Work In Restricted Working Space, Add	*214.72*	
23 21 13 23-0385	EA	10" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,169.96	545.63
		For Schedule 80 Fittings, Add	*265.10*	
		For Work In Restricted Working Space, Add	*245.39*	
23 21 13 23-0386	EA	12" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,578.63	712.56
		For Schedule 80 Fittings, Add	*361.42*	
		For Work In Restricted Working Space, Add	*320.48*	
23 21 13 23-0387	EA	14" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,957.58	844.96
		For Schedule 80 Fittings, Add	*454.26*	
		For Work In Restricted Working Space, Add	*380.03*	
23 21 13 23-0388	EA	16" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,421.29	984.32
		For Schedule 80 Fittings, Add	*571.44*	
		For Work In Restricted Working Space, Add	*442.72*	
23 21 13 23-0389	EA	18" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,862.33	1,097.42
		For Schedule 80 Fittings, Add	*685.94*	
		For Work In Restricted Working Space, Add	*493.61*	
23 21 13 23-0390	EA	20" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	3,635.74	1,231.94
		For Schedule 80 Fittings, Add	*896.78*	
		For Work In Restricted Working Space, Add	*554.12*	
23 21 13 23-0391	EA	24" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	4,246.24	1,273.07
		For Schedule 80 Fittings, Add	*1,073.47*	
		For Work In Restricted Working Space, Add	*572.58*	

23 21 13 23-0392 Welded Plain End Black Steel Tee *(23 21 13 23-0326)*

23 21 13 23-0393	EA	3/4" Standard Weight, Welded Plain End Black Steel Tee	206.12	102.55
		For Schedule 80 Fittings, Add	*45.69*	
		For Work In Restricted Working Space, Add	*46.13*	
23 21 13 23-0394	EA	1" Standard Weight, Welded Plain End Black Steel Tee	206.07	102.55
		For Schedule 80 Fittings, Add	*45.68*	
		For Work In Restricted Working Space, Add	*46.12*	
23 21 13 23-0395	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Tee	234.10	114.08
		For Schedule 80 Fittings, Add	*52.27*	
		For Work In Restricted Working Space, Add	*51.31*	
23 21 13 23-0396	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Tee	255.30	128.21
		For Schedule 80 Fittings, Add	*56.41*	
		For Work In Restricted Working Space, Add	*57.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0397	EA	2" Standard Weight, Welded Plain End Black Steel Tee	312.42	171.17
		For Schedule 80 Fittings, Add	*66.78*	
		For Work In Restricted Working Space, Add	*76.99*	
23 21 13 23-0398	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Tee	357.67	192.32
		For Schedule 80 Fittings, Add	*77.02*	
		For Work In Restricted Working Space, Add	*86.51*	
23 21 13 23-0399	EA	3" Standard Weight, Welded Plain End Black Steel Tee	426.58	233.55
		For Schedule 80 Fittings, Add	*91.24*	
		For Work In Restricted Working Space, Add	*104.95*	
23 21 13 23-0400	EA	4" Standard Weight, Welded Plain End Black Steel Tee	612.60	337.44
		For Schedule 80 Fittings, Add	*130.67*	
		For Work In Restricted Working Space, Add	*151.76*	
23 21 13 23-0401	EA	6" Standard Weight, Welded Plain End Black Steel Tee	1,030.06	557.44
		For Schedule 80 Fittings, Add	*221.26*	
		For Work In Restricted Working Space, Add	*250.73*	
23 21 13 23-0402	EA	8" Standard Weight, Welded Plain End Black Steel Tee	1,450.41	727.44
		For Schedule 80 Fittings, Add	*320.61*	
		For Work In Restricted Working Space, Add	*327.19*	
23 21 13 23-0403	EA	10" Standard Weight, Welded Plain End Black Steel Tee	1,875.64	848.65
		For Schedule 80 Fittings, Add	*429.09*	
		For Work In Restricted Working Space, Add	*381.72*	
23 21 13 23-0404	EA	12" Standard Weight, Welded Plain End Black Steel Tee	2,553.41	1,091.17
		For Schedule 80 Fittings, Add	*594.25*	
		For Work In Restricted Working Space, Add	*490.79*	
23 21 13 23-0405	EA	14" Standard Weight, Welded Plain End Black Steel Tee	3,383.68	1,273.07
		For Schedule 80 Fittings, Add	*814.70*	
		For Work In Restricted Working Space, Add	*572.58*	
23 21 13 23-0406	EA	16" Standard Weight, Welded Plain End Black Steel Tee	4,073.61	1,527.65
		For Schedule 80 Fittings, Add	*981.60*	
		For Work In Restricted Working Space, Add	*687.10*	
23 21 13 23-0407	EA	18" Standard Weight, Welded Plain End Black Steel Tee	5,457.73	1,697.40
		For Schedule 80 Fittings, Add	*1,370.11*	
		For Work In Restricted Working Space, Add	*763.45*	
23 21 13 23-0408	EA	20" Standard Weight, Welded Plain End Black Steel Tee	7,360.08	1,909.62
		For Schedule 80 Fittings, Add	*1,907.42*	
		For Work In Restricted Working Space, Add	*858.88*	
23 21 13 23-0409	EA	24" Standard Weight, Welded Plain End Black Steel Tee	8,568.47	2,056.50
		For Schedule 80 Fittings, Add	*2,246.81*	
		For Work In Restricted Working Space, Add	*924.95*	

23 21 13 23-0410 Welded Plain End Black Steel Reducing Tees *(23 21 13 23-0326)*

23 21 13 23-0411	EA	3/4" Standard Weight, Welded Plain End Black Steel Reducing Tee	201.31	99.37
		For Schedule 80 Fittings, Add	*44.75*	
		For Work In Restricted Working Space, Add	*44.69*	
23 21 13 23-0412	EA	1" Standard Weight, Welded Plain End Black Steel Reducing Tee	206.07	102.55
		For Schedule 80 Fittings, Add	*45.68*	
		For Work In Restricted Working Space, Add	*46.12*	
23 21 13 23-0413	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Reducing Tee	230.76	114.08
		For Schedule 80 Fittings, Add	*51.27*	
		For Work In Restricted Working Space, Add	*51.31*	
23 21 13 23-0414	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee	251.96	128.21
		For Schedule 80 Fittings, Add	*55.40*	
		For Work In Restricted Working Space, Add	*57.67*	
23 21 13 23-0415	EA	2" Standard Weight, Welded Plain End Black Steel Reducing Tee	319.92	171.17
		For Schedule 80 Fittings, Add	*69.02*	
		For Work In Restricted Working Space, Add	*77.01*	
23 21 13 23-0416	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee	357.78	192.41
		For Schedule 80 Fittings, Add	*77.05*	
		For Work In Restricted Working Space, Add	*86.54*	
23 21 13 23-0417	EA	3" Standard Weight, Welded Plain End Black Steel Reducing Tee	426.93	233.55
		For Schedule 80 Fittings, Add	*91.35*	
		For Work In Restricted Working Space, Add	*104.95*	
23 21 13 23-0418	EA	4" Standard Weight, Welded Plain End Black Steel Reducing Tee	613.10	337.44
		For Schedule 80 Fittings, Add	*130.82*	
		For Work In Restricted Working Space, Add	*151.76*	
23 21 13 23-0419	EA	6" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,030.90	557.44
		For Schedule 80 Fittings, Add	*221.52*	
		For Work In Restricted Working Space, Add	*250.73*	
23 21 13 23-0420	EA	8" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,452.04	727.44
		For Schedule 80 Fittings, Add	*321.09*	
		For Work In Restricted Working Space, Add	*327.19*	
23 21 13 23-0421	EA	10" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,878.39	848.65
		For Schedule 80 Fittings, Add	*429.91*	
		For Work In Restricted Working Space, Add	*381.72*	
23 21 13 23-0422	EA	12" Standard Weight, Welded Plain End Black Steel Reducing Tee	2,557.57	1,091.17
		For Schedule 80 Fittings, Add	*595.50*	
		For Work In Restricted Working Space, Add	*490.79*	
23 21 13 23-0423	EA	14" Standard Weight, Welded Plain End Black Steel Reducing Tee	3,390.38	1,273.07
		For Schedule 80 Fittings, Add	*816.71*	
		For Work In Restricted Working Space, Add	*572.58*	
23 21 13 23-0424	EA	16" Standard Weight, Welded Plain End Black Steel Reducing Tee	4,081.72	1,527.65
		For Schedule 80 Fittings, Add	*984.03*	
		For Work In Restricted Working Space, Add	*687.10*	
23 21 13 23-0425	EA	18" Standard Weight, Welded Plain End Black Steel Reducing Tee	5,471.00	1,697.40
		For Schedule 80 Fittings, Add	*1,374.09*	
		For Work In Restricted Working Space, Add	*763.45*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0426		Welded Plain End Black Steel Eccentric Reducers *(23 21 13 23-0326)*		
23 21 13 23-0427	EA	3" x 2" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	239.70	129.46
		For Schedule 80 Fittings, Add	*51.52*	
		For Concentric Reducers, Deduct	*-14.57*	
		For Work In Restricted Working Space, Add	*58.25*	
23 21 13 23-0428	EA	4" x 3" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	392.41	224.90
		For Schedule 80 Fittings, Add	*82.31*	
		For Concentric Reducers, Deduct	*-17.66*	
		For Work In Restricted Working Space, Add	*101.17*	
23 21 13 23-0429	EA	4" x 2" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	408.28	224.90
		For Schedule 80 Fittings, Add	*87.07*	
		For Concentric Reducers, Deduct	*-22.74*	
		For Work In Restricted Working Space, Add	*101.17*	
23 21 13 23-0430	EA	6" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	660.75	366.28
		For Schedule 80 Fittings, Add	*140.56*	
		For Concentric Reducers, Deduct	*-35.69*	
		For Work In Restricted Working Space, Add	*164.76*	
23 21 13 23-0431	EA	6" x 3" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	741.99	366.28
		For Schedule 80 Fittings, Add	*164.93*	
		For Concentric Reducers, Deduct	*-61.69*	
		For Work In Restricted Working Space, Add	*164.76*	
23 21 13 23-0432	EA	8" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,002.47	557.44
		For Schedule 80 Fittings, Add	*212.99*	
		For Concentric Reducers, Deduct	*-53.35*	
		For Work In Restricted Working Space, Add	*250.73*	
23 21 13 23-0433	EA	8" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,123.57	557.44
		For Schedule 80 Fittings, Add	*249.32*	
		For Concentric Reducers, Deduct	*-92.10*	
		For Work In Restricted Working Space, Add	*250.73*	
23 21 13 23-0434	EA	10" x 8" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,157.77	641.06
		For Schedule 80 Fittings, Add	*246.41*	
		For Concentric Reducers, Deduct	*-62.93*	
		For Work In Restricted Working Space, Add	*288.33*	
23 21 13 23-0435	EA	10" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,310.07	641.06
		For Schedule 80 Fittings, Add	*292.10*	
		For Concentric Reducers, Deduct	*-111.67*	
		For Work In Restricted Working Space, Add	*288.33*	
23 21 13 23-0436	EA	12" x 10" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,397.96	726.03
		For Schedule 80 Fittings, Add	*305.09*	
		For Concentric Reducers, Deduct	*-99.01*	
		For Work In Restricted Working Space, Add	*326.57*	
23 21 13 23-0437	EA	12" x 8" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,574.33	726.03
		For Schedule 80 Fittings, Add	*358.00*	
		For Concentric Reducers, Deduct	*-155.45*	
		For Work In Restricted Working Space, Add	*326.57*	
23 21 13 23-0438	EA	14" x 12" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,815.72	848.65
		For Schedule 80 Fittings, Add	*411.11*	
		For Concentric Reducers, Deduct	*-173.86*	
		For Work In Restricted Working Space, Add	*381.72*	
23 21 13 23-0439	EA	14" x 10" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,914.09	848.65
		For Schedule 80 Fittings, Add	*440.62*	
		For Concentric Reducers, Deduct	*-205.34*	
		For Work In Restricted Working Space, Add	*381.72*	
23 21 13 23-0440	EA	16" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	2,169.09	954.81
		For Schedule 80 Fittings, Add	*500.42*	
		For Concentric Reducers, Deduct	*-236.04*	
		For Work In Restricted Working Space, Add	*429.44*	
23 21 13 23-0441	EA	16" x 12" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	2,422.13	954.81
		For Schedule 80 Fittings, Add	*576.34*	
		For Concentric Reducers, Deduct	*-317.01*	
		For Work In Restricted Working Space, Add	*429.44*	
23 21 13 23-0442	EA	18" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	2,835.29	1,091.17
		For Schedule 80 Fittings, Add	*678.81*	
		For Concentric Reducers, Deduct	*-383.79*	
		For Work In Restricted Working Space, Add	*490.79*	
23 21 13 23-0443		Welded Plain End Black Steel Caps *(23 21 13 23-0326)*		
23 21 13 23-0444	EA	1" Standard Weight, Welded Plain End Black Steel Cap	59.15	32.10
		For Schedule 80 Fittings, Add	*11.74*	
		For Work In Restricted Working Space, Add	*14.42*	
23 21 13 23-0445	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Cap	64.64	35.27
		For Schedule 80 Fittings, Add	*12.78*	
		For Work In Restricted Working Space, Add	*15.86*	
23 21 13 23-0446	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Cap	67.26	36.53
		For Schedule 80 Fittings, Add	*13.33*	
		For Work In Restricted Working Space, Add	*16.43*	
23 21 13 23-0447	EA	2" Standard Weight, Welded Plain End Black Steel Cap	82.65	46.81
		For Schedule 80 Fittings, Add	*16.02*	
		For Work In Restricted Working Space, Add	*21.05*	
23 21 13 23-0448	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Cap	97.06	56.42
		For Schedule 80 Fittings, Add	*18.55*	
		For Work In Restricted Working Space, Add	*25.37*	
23 21 13 23-0449	EA	3" Standard Weight, Welded Plain End Black Steel Cap	115.59	65.07
		For Schedule 80 Fittings, Add	*22.48*	
		For Work In Restricted Working Space, Add	*29.27*	
23 21 13 23-0450	EA	4" Standard Weight, Welded Plain End Black Steel Cap	192.61	112.45
		For Schedule 80 Fittings, Add	*36.71*	
		For Work In Restricted Working Space, Add	*50.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0451	EA	6" Standard Weight, Welded Plain End Black Steel Cap	324.13	185.78
		For Schedule 80 Fittings, Add	*62.42*	
		For Work In Restricted Working Space, Add	*83.57*	
23 21 13 23-0452	EA	8" Standard Weight, Welded Plain End Black Steel Cap	537.20	312.75
		For Schedule 80 Fittings, Add	*102.56*	
		For Work In Restricted Working Space, Add	*140.65*	
23 21 13 23-0453	EA	10" Standard Weight, Welded Plain End Black Steel Cap	612.81	328.80
		For Schedule 80 Fittings, Add	*122.23*	
		For Work In Restricted Working Space, Add	*147.86*	
23 21 13 23-0454	EA	12" Standard Weight, Welded Plain End Black Steel Cap	682.59	355.27
		For Schedule 80 Fittings, Add	*138.20*	
		For Work In Restricted Working Space, Add	*159.79*	
23 21 13 23-0455	EA	14" Standard Weight, Welded Plain End Black Steel Cap	918.08	424.33
		For Schedule 80 Fittings, Add	*195.90*	
		For Work In Restricted Working Space, Add	*190.86*	
23 21 13 23-0456	EA	16" Standard Weight, Welded Plain End Black Steel Cap	1,066.25	492.78
		For Schedule 80 Fittings, Add	*227.52*	
		For Work In Restricted Working Space, Add	*221.65*	
23 21 13 23-0457	EA	18" Cap, Welded, Standard Weight	1,194.56	545.63
		For Schedule 80 Fittings, Add	*256.12*	
		For Work In Restricted Working Space, Add	*245.39*	

23 21 13 23-0458 150 LB, Welded Plain End Black Steel Neck Flanges *(23 21 13 23-0326)*

Note: 150 LB.

23 21 13 23-0459	EA	2", 150 LB, Welded Plain End Black Steel Neck Flange	160.72	66.42
		For 300 LB Rating, Add	*53.25*	
		For Work In Restricted Working Space, Add	*29.87*	
23 21 13 23-0460	EA	2-1/2", 150 LB, Welded Plain End Black Steel Neck Flange	185.40	82.90
		For 300 LB Rating, Add	*55.85*	
		For Work In Restricted Working Space, Add	*37.28*	
23 21 13 23-0461	EA	3", 150 LB, Welded Plain End Black Steel Neck Flange	216.23	103.41
		For 300 LB Rating, Add	*59.12*	
		For Work In Restricted Working Space, Add	*46.51*	
23 21 13 23-0462	EA	4", 150 LB, Welded Plain End Black Steel Neck Flange	282.49	136.38
		For 300 LB Rating, Add	*76.07*	
		For Work In Restricted Working Space, Add	*61.35*	
23 21 13 23-0463	EA	6", 150 LB, Welded Plain End Black Steel Neck Flange	430.02	206.83
		For 300 LB Rating, Add	*116.55*	
		For Work In Restricted Working Space, Add	*93.01*	
23 21 13 23-0464	EA	8", 150 LB, Welded Plain End Black Steel Neck Flange	518.30	206.48
		For 300 LB Rating, Add	*178.65*	
		For Work In Restricted Working Space, Add	*92.85*	
23 21 13 23-0465	EA	10" , 150 LB, Welded Plain End Black Steel Neck Flange	731.41	258.90
		For 300 LB Rating, Add	*281.01*	
		For Work In Restricted Working Space, Add	*116.46*	
23 21 13 23-0466	EA	12" , 150 LB, Welded Plain End Black Steel Neck Flange	940.87	293.78
		For 300 LB Rating, Add	*396.54*	
		For Work In Restricted Working Space, Add	*132.14*	
23 21 13 23-0467	EA	14" , 150 LB, Welded Plain End Black Steel Neck Flange	1,292.32	355.27
		For 300 LB Rating, Add	*587.70*	
		For Work In Restricted Working Space, Add	*159.79*	
23 21 13 23-0468	EA	16", 150 LB, Welded Plain End Black Steel Neck Flange	1,805.91	412.87
		For 300 LB Rating, Add	*895.83*	
		For Work In Restricted Working Space, Add	*185.70*	
23 21 13 23-0469	EA	18", 150 LB, Welded Plain End Black Steel Neck Flange	2,341.80	462.91
		For 300 LB Rating, Add	*1,226.30*	
		For Work In Restricted Working Space, Add	*208.22*	
23 21 13 23-0470	EA	20", 150 LB, Welded Plain End Black Steel Neck Flange	2,967.86	587.56
		For 300 LB Rating, Add	*1,553.37*	
		For Work In Restricted Working Space, Add	*264.27*	
23 21 13 23-0471	EA	24", 150 LB, Welded Plain End Black Steel Neck Flange	3,432.51	636.54
		For 300 LB Rating, Add	*1,834.94*	
		For Work In Restricted Working Space, Add	*286.29*	

23 21 13 23-0472 150 LB, Welded Black Steel Slip-On Flanges *(23 21 13 23-0326)*

23 21 13 23-0473	EA	2", 150 LB, Welded Black Steel Slip-On Flanges	109.33	66.42
		For 300 LB Rating, Add	*35.37*	
		For Work In Restricted Working Space, Add	*23.78*	
23 21 13 23-0474	EA	2-1/2", 150 LB, Welded Black Steel Slip-On Flange	135.49	82.90
		For 300 LB Rating, Add	*44.91*	
		For Work In Restricted Working Space, Add	*29.07*	
23 21 13 23-0475	EA	3", 150 LB, Welded Black Steel Slip-On Flange	170.35	103.41
		For 300 LB Rating, Add	*53.99*	
		For Work In Restricted Working Space, Add	*37.48*	
23 21 13 23-0476	EA	4", 150 LB, Welded Black Steel Slip-On Flange	225.35	136.38
		For 300 LB Rating, Add	*72.92*	
		For Work In Restricted Working Space, Add	*49.02*	
23 21 13 23-0477	EA	6", 150 LB, Welded Black Steel Slip-On Flange	335.63	206.83
		For 300 LB Rating, Add	*111.04*	
		For Work In Restricted Working Space, Add	*72.08*	
23 21 13 23-0478	EA	8", 150 LB, Welded Black Steel Slip-On Flange	426.96	206.48
		For 300 LB Rating, Add	*160.16*	
		For Work In Restricted Working Space, Add	*84.57*	
23 21 13 23-0479	EA	10", 150 LB, Welded Black Steel Slip-On Flange	602.80	258.90
		For 300 LB Rating, Add	*262.39*	
		For Work In Restricted Working Space, Add	*105.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0480	EA	12", 150 LB, Welded Black Steel Slip-On Flange	817.98	293.78
		For 300 LB Rating, Add	*400.02*	
		For Work In Restricted Working Space, Add	*126.85*	
23 21 13 23-0481	EA	14", 150 LB, Welded Black Steel Slip-On Flange	1,070.62	355.27
		For 300 LB Rating, Add	*571.38*	
		For Work In Restricted Working Space, Add	*147.99*	
23 21 13 23-0482	EA	16", 150 LB, Welded Black Steel Slip-On Flange	1,323.46	412.87
		For 300 LB Rating, Add	*756.92*	
		For Work In Restricted Working Space, Add	*163.85*	
23 21 13 23-0483	EA	18", 150 LB, Welded Black Steel Slip-On Flange	1,470.55	462.91
		For 300 LB Rating, Add	*847.28*	
		For Work In Restricted Working Space, Add	*179.70*	
23 21 13 23-0484	EA	20", 150 LB, Welded Black Steel Slip-On Flange	1,764.95	587.56
		For 300 LB Rating, Add	*1,070.22*	
		For Work In Restricted Working Space, Add	*195.56*	
23 21 13 23-0485	EA	24", 150 LB, Welded Black Steel Slip-On Flange	1,870.66	636.54
		For 300 LB Rating, Add	*1,081.32*	
		For Work In Restricted Working Space, Add	*227.27*	

23 21 13 23-0486 150 LB, Forged Steel Blind Flanges *(23 21 13 23-0326)*

23 21 13 23-0487	EA	2", 150 LB, Forged Steel Blind Flange	86.15	25.83
		For 300 LB Rating, Add	*33.03*	
		For 600 LB Rating, Add	*90.57*	
		For Work In Restricted Working Space, Add	*15.49*	
23 21 13 23-0488	EA	2-1/2", 150 LB, Forged Steel Blind Flange	117.92	30.98
		For 300 LB Rating, Add	*51.27*	
		For 600 LB Rating, Add	*143.58*	
		For Work In Restricted Working Space, Add	*18.59*	
23 21 13 23-0489	EA	3", 150 LB, Forged Steel Blind Flange	140.50	41.31
		For 300 LB Rating, Add	*54.98*	
		For 600 LB Rating, Add	*151.31*	
		For Work In Restricted Working Space, Add	*24.79*	
23 21 13 23-0490	EA	4", 150 LB, Forged Steel Blind Flange	183.05	51.64
		For 300 LB Rating, Add	*74.66*	
		For 600 LB Rating, Add	*206.94*	
		For Work In Restricted Working Space, Add	*30.98*	
23 21 13 23-0491	EA	6", 150 LB, Forged Steel Blind Flange	255.14	67.14
		For 300 LB Rating, Add	*110.80*	
		For 600 LB Rating, Add	*310.25*	
		For Work In Restricted Working Space, Add	*40.28*	
23 21 13 23-0492	EA	8", 150 LB, Forged Steel Blind Flange	346.67	77.47
		For 300 LB Rating, Add	*169.67*	
		For 600 LB Rating, Add	*483.44*	
		For Work In Restricted Working Space, Add	*46.48*	
23 21 13 23-0493	EA	10", 150 LB, Forged Steel Blind Flange	560.35	92.95
		For 300 LB Rating, Add	*319.07*	
		For 600 LB Rating, Add	*926.54*	
		For Work In Restricted Working Space, Add	*55.77*	
23 21 13 23-0494	EA	12", 150 LB, Forged Steel Blind Flange	746.86	108.45
		For 300 LB Rating, Add	*446.75*	
		For 600 LB Rating, Add	*1,304.46*	
		For Work In Restricted Working Space, Add	*65.07*	
23 21 13 23-0495	EA	14", 150 LB, Forged Steel Blind Flange	1,339.05	123.94
		For 300 LB Rating, Add	*898.97*	
		For Work In Restricted Working Space, Add	*74.36*	
23 21 13 23-0496	EA	16", 150 LB, Forged Steel Blind Flange	1,429.04	139.43
		For 300 LB Rating, Add	*949.42*	
		For Work In Restricted Working Space, Add	*83.66*	
23 21 13 23-0497	EA	18", 150 LB, Forged Steel Blind Flange	1,590.07	170.42
		For 300 LB Rating, Add	*1,035.18*	
		For Work In Restricted Working Space, Add	*102.25*	
23 21 13 23-0498	EA	20", 150 LB, Forged Steel Blind Flange	2,082.24	185.91
		For 300 LB Rating, Add	*1,407.38*	
		For Work In Restricted Working Space, Add	*111.54*	
23 21 13 23-0499	EA	24", 150 LB, Forged Steel Blind Flange	2,882.54	216.89
		For 300 LB Rating, Add	*2,004.55*	
		For Work In Restricted Working Space, Add	*130.13*	

23 21 13 23-0500 3000 LB, Forge Steel Thread-O-Lets *(23 21 13 23-0326)*

23 21 13 23-0501	EA	1/2", 3000 LB, Forge Steel Thread-O-Let	79.18	
		For Weld-O-Lets, Add	*7.56*	
		For Sock-O-Lets, Add	*30.84*	
		For Work In Restricted Working Space, Add	*19.22*	
23 21 13 23-0502	EA	3/4", 3000 LB, Forge Steel Thread-O-Let	94.64	
		For Weld-O-Lets, Add	*8.88*	
		For Sock-O-Lets, Add	*36.85*	
		For Work In Restricted Working Space, Add	*23.07*	
23 21 13 23-0503	EA	1", 3000 LB, Forge Steel Thread-O-Let	107.27	
		For Weld-O-Lets, Add	*9.95*	
		For Sock-O-Lets, Add	*41.76*	
		For Work In Restricted Working Space, Add	*26.21*	
23 21 13 23-0504	EA	1-1/4" Or 1-1/2", 3000 LB, Forge Steel Thread-O-Let	124.32	
		For Weld-O-Lets, Add	*14.11*	
		For Sock-O-Lets, Add	*48.65*	
		For Work In Restricted Working Space, Add	*28.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0505	EA	2", 3000 LB, Forge Steel Thread-O-Let	142.07	
		For Weld-O-Lets, Add	*17.64*	
		For Sock-O-Lets, Add	*55.75*	
		For Work In Restricted Working Space, Add	*32.04*	
23 21 13 23-0506	EA	2-1/2", 3000 LB, Forge Steel Thread-O-Let	265.34	
		For Weld-O-Lets, Add	*64.02*	
		For Sock-O-Lets, Add	*107.23*	
		For Work In Restricted Working Space, Add	*41.19*	
23 21 13 23-0507	EA	3", 3000 LB, Forge Steel Thread-O-Let	321.02	
		For Weld-O-Lets, Add	*64.40*	
		For Sock-O-Lets, Add	*128.43*	
		For Work In Restricted Working Space, Add	*57.67*	
23 21 13 23-0508	EA	4", 3000 LB, Forge Steel Thread-O-Let	492.40	
		For Weld-O-Lets, Add	*126.06*	
		For Sock-O-Lets, Add	*199.72*	
		For Work In Restricted Working Space, Add	*72.08*	

23 21 13 23-0509 Bolt, Nut, And 150 LB Rubber Flange Gasket Set *(23 21 13 23-0326)*

Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

23 21 13 23-0510	EA	3/4" To 1-1/2" Bolt, Nut And 150 LB Rubber Flange Gasket Set	12.35	
		For 300 LB Rating Gasket Set, Add	*0.40*	
		For 150 LB Rating Teflon Gasket Set, Add	*16.12*	
23 21 13 23-0511	EA	2" Bolt, Nut And 150 LB Rubber Flange Gasket Set	21.97	
		For 300 LB Rating Gasket Set, Add	*0.71*	
		For 150 LB Rating Teflon Gasket Set, Add	*28.67*	
23 21 13 23-0512	EA	2-1/2" Bolt, Nut And 150 LB Rubber Flange Gasket Set	23.55	
		For 300 LB Rating Gasket Set, Add	*0.77*	
		For 150 LB Rating Teflon Gasket Set, Add	*30.73*	
23 21 13 23-0513	EA	3" Bolt, Nut And 150 LB Rubber Flange Gasket Set	24.79	
		For 300 LB Rating Gasket Set, Add	*0.81*	
		For 150 LB Rating Teflon Gasket Set, Add	*32.35*	
23 21 13 23-0514	EA	4" Bolt, Nut And 150 LB Rubber Flange Gasket Set	43.12	
		For 300 LB Rating Gasket Set, Add	*1.40*	
		For 150 LB Rating Teflon Gasket Set, Add	*56.27*	
23 21 13 23-0515	EA	5" - 6" Bolt, Nut And 150 LB Rubber Flange Gasket Set	67.63	
		For 300 LB Rating Gasket Set, Add	*2.20*	
		For 150 LB Rating Teflon Gasket Set, Add	*88.26*	
23 21 13 23-0516	EA	8" Bolt, Nut And 150 LB Rubber Flange Gasket Set	72.75	
		For 300 LB Rating Gasket Set, Add	*2.36*	
		For 150 LB Rating Teflon Gasket Set, Add	*94.94*	
23 21 13 23-0517	EA	10" Bolt, Nut And 150 LB Rubber Flange Gasket Set	148.33	
		For 300 LB Rating Gasket Set, Add	*4.82*	
		For 150 LB Rating Teflon Gasket Set, Add	*193.57*	
23 21 13 23-0518	EA	12" Bolt, Nut And 150 LB Rubber Flange Gasket Set	160.53	
		For 300 LB Rating Gasket Set, Add	*5.22*	
		For 150 LB Rating Teflon Gasket Set, Add	*209.49*	
23 21 13 23-0519	EA	14" Bolt, Nut And 150 LB Rubber Flange Gasket Set	227.68	
		For 300 LB Rating Gasket Set, Add	*7.40*	
		For 150 LB Rating Teflon Gasket Set, Add	*297.12*	
23 21 13 23-0520	EA	16" Bolt, Nut And 150 LB Rubber Flange Gasket Set	296.98	
		For 300 LB Rating Gasket Set, Add	*9.65*	
		For 150 LB Rating Teflon Gasket Set, Add	*387.56*	
23 21 13 23-0521	EA	18" Bolt, Nut And 150 LB Rubber Flange Gasket Set	429.52	
		For 300 LB Rating Gasket Set, Add	*13.96*	
		For 150 LB Rating Teflon Gasket Set, Add	*560.52*	
23 21 13 23-0522	EA	20" Bolt, Nut And 150 LB Rubber Flange Gasket Set	593.49	
		For 300 LB Rating Gasket Set, Add	*19.29*	
		For 150 LB Rating Teflon Gasket Set, Add	*774.50*	
23 21 13 23-0523	EA	24" Bolt, Nut And 150 LB Rubber Flange Gasket Set	741.86	
		For 300 LB Rating Gasket Set, Add	*24.11*	
		For 150 LB Rating Teflon Gasket Set, Add	*968.13*	
23 21 13 23-0524	EA	26" Bolt, Nut And 150 LB Rubber Flange Gasket Set	971.60	
		For 300 LB Rating Gasket Set, Add	*31.58*	
		For 150 LB Rating Teflon Gasket Set, Add	*1,267.94*	
23 21 13 23-0525	EA	30" Bolt, Nut And 150 LB Rubber Flange Gasket Set	1,239.63	
		For 300 LB Rating Gasket Set, Add	*40.29*	
		For 150 LB Rating Teflon Gasket Set, Add	*1,617.72*	
23 21 13 23-0526	EA	36" Bolt, Nut And 150 LB Rubber Flange Gasket Set	1,483.73	
		For 300 LB Rating Gasket Set, Add	*48.22*	
		For 150 LB Rating Teflon Gasket Set, Add	*1,936.27*	

23 21 13 23-0527 150 LB, Rubber Flange Gasket Replacement *(23 21 13 23-0326)*

Note: Includes unbolting, removal of old gaskets, new 150 LB rubber gasket and rebolting.

23 21 13 23-0528	EA	1/2", 150 LB, Rubber Flange Gasket Replacement	28.59	
		For 300 LB Rating Gasket Set, Add	*0.02*	
		For 150 LB Rating Teflon Gasket Set, Add	*0.54*	
		For 300 LB Rating Teflon Gasket Set, Add	*0.62*	
		For Work In Restricted Working Space, Add	*8.56*	
23 21 13 23-0529	EA	3/4", 150 LB, Rubber Flange Gasket Replacement	30.53	
		For 300 LB Rating Gasket Set, Add	*0.04*	
		For 150 LB Rating Teflon Gasket Set, Add	*0.77*	
		For 300 LB Rating Teflon Gasket Set, Add	*0.89*	
		For Work In Restricted Working Space, Add	*9.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0530	EA	1", 150 LB, Rubber Flange Gasket Replacement	33.44	
		For 300 LB Rating Gasket Set, Add	*0.06*	
		For 150 LB Rating Teflon Gasket Set, Add	*1.31*	
		For 300 LB Rating Teflon Gasket Set, Add	*1.51*	
		For Work In Restricted Working Space, Add	*9.98*	
23 21 13 23-0531	EA	1-1/4", 150 LB, Rubber Flange Gasket Replacement	36.32	
		For 300 LB Rating Gasket Set, Add	*0.07*	
		For 150 LB Rating Teflon Gasket Set, Add	*1.47*	
		For 300 LB Rating Teflon Gasket Set, Add	*1.69*	
		For Work In Restricted Working Space, Add	*10.84*	
23 21 13 23-0532	EA	1-1/2", 150 LB, Rubber Flange Gasket Replacement	40.17	
		For 300 LB Rating Gasket Set, Add	*0.08*	
		For 150 LB Rating Teflon Gasket Set, Add	*1.86*	
		For 300 LB Rating Teflon Gasket Set, Add	*2.14*	
		For Work In Restricted Working Space, Add	*11.98*	
23 21 13 23-0533	EA	2", 150 LB, Rubber Flange Gasket Replacement	44.08	
		For 300 LB Rating Gasket Set, Add	*0.12*	
		For 150 LB Rating Teflon Gasket Set, Add	*2.63*	
		For 300 LB Rating Teflon Gasket Set, Add	*3.03*	
		For Work In Restricted Working Space, Add	*13.12*	
23 21 13 23-0534	EA	2-1/2", 150 LB, Rubber Flange Gasket Replacement	51.80	
		For 300 LB Rating Gasket Set, Add	*0.16*	
		For 150 LB Rating Teflon Gasket Set, Add	*3.56*	
		For 300 LB Rating Teflon Gasket Set, Add	*4.09*	
		For Work In Restricted Working Space, Add	*15.40*	
23 21 13 23-0535	EA	3", 150 LB, Rubber Flange Gasket Replacement	54.72	
		For 300 LB Rating Gasket Set, Add	*0.19*	
		For 150 LB Rating Teflon Gasket Set, Add	*4.10*	
		For 300 LB Rating Teflon Gasket Set, Add	*4.72*	
		For Work In Restricted Working Space, Add	*16.26*	
23 21 13 23-0536	EA	4", 150 LB, Rubber Flange Gasket Replacement	72.18	
		For 300 LB Rating Gasket Set, Add	*0.30*	
		For 150 LB Rating Teflon Gasket Set, Add	*6.73*	
		For 300 LB Rating Teflon Gasket Set, Add	*7.74*	
		For Work In Restricted Working Space, Add	*21.39*	
23 21 13 23-0537	EA	5", 150 LB, Rubber Flange Gasket Replacement	83.69	
		For 300 LB Rating Gasket Set, Add	*0.34*	
		For 150 LB Rating Teflon Gasket Set, Add	*7.50*	
		For 300 LB Rating Teflon Gasket Set, Add	*8.63*	
		For Work In Restricted Working Space, Add	*24.82*	
23 21 13 23-0538	EA	6", 150 LB, Rubber Flange Gasket Replacement	95.38	
		For 300 LB Rating Gasket Set, Add	*0.44*	
		For 150 LB Rating Teflon Gasket Set, Add	*9.74*	
		For 300 LB Rating Teflon Gasket Set, Add	*11.21*	
		For Work In Restricted Working Space, Add	*28.24*	
23 21 13 23-0539	EA	8", 150 LB, Rubber Flange Gasket Replacement	115.93	
		For 300 LB Rating Gasket Set, Add	*0.64*	
		For 150 LB Rating Teflon Gasket Set, Add	*14.22*	
		For 300 LB Rating Teflon Gasket Set, Add	*16.38*	
		For Work In Restricted Working Space, Add	*34.23*	
23 21 13 23-0540	EA	10", 150 LB, Rubber Flange Gasket Replacement	124.30	
		For 300 LB Rating Gasket Set, Add	*0.91*	
		For 150 LB Rating Teflon Gasket Set, Add	*20.18*	
		For 300 LB Rating Teflon Gasket Set, Add	*23.23*	
		For Work In Restricted Working Space, Add	*36.51*	
23 21 13 23-0541	EA	12", 150 LB, Rubber Flange Gasket Replacement	141.20	
		For 300 LB Rating Gasket Set, Add	*1.17*	
		For 150 LB Rating Teflon Gasket Set, Add	*25.82*	
		For 300 LB Rating Teflon Gasket Set, Add	*29.73*	
		For Work In Restricted Working Space, Add	*41.36*	
23 21 13 23-0542	EA	14", 150 LB, Rubber Flange Gasket Replacement	146.60	
		For 300 LB Rating Gasket Set, Add	*1.40*	
		For 150 LB Rating Teflon Gasket Set, Add	*30.84*	
		For 300 LB Rating Teflon Gasket Set, Add	*35.51*	
		For Work In Restricted Working Space, Add	*42.78*	
23 21 13 23-0543	EA	16", 150 LB, Rubber Flange Gasket Replacement	194.59	
		For 300 LB Rating Gasket Set, Add	*1.56*	
		For 150 LB Rating Teflon Gasket Set, Add	*34.40*	
		For 300 LB Rating Teflon Gasket Set, Add	*39.61*	
		For Work In Restricted Working Space, Add	*57.04*	
23 21 13 23-0544	EA	18", 150 LB, Rubber Flange Gasket Replacement	212.84	
		For 300 LB Rating Gasket Set, Add	*1.62*	
		For 150 LB Rating Teflon Gasket Set, Add	*35.87*	
		For 300 LB Rating Teflon Gasket Set, Add	*41.30*	
		For Work In Restricted Working Space, Add	*62.46*	
23 21 13 23-0545	EA	20", 150 LB, Rubber Flange Gasket Replacement	258.81	
		For 300 LB Rating Gasket Set, Add	*1.74*	
		For 150 LB Rating Teflon Gasket Set, Add	*38.50*	
		For 300 LB Rating Teflon Gasket Set, Add	*44.32*	
		For Work In Restricted Working Space, Add	*76.15*	
23 21 13 23-0546		Cut And Prepare For Welding Existing In-Place Black Steel Pipe *(23 21 13 23-0326)*		
		Note: For use when connecting pipe to an existing in-place system.		
23 21 13 23-0547	EA	1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	15.86	
		For Work In Restricted Working Space, Add	*4.76*	
23 21 13 23-0548	EA	3/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	17.13	
		For Work In Restricted Working Space, Add	*5.14*	
23 21 13 23-0549	EA	1", Cut And Prepare For Welding Existing In Place Black Steel Pipe	19.27	
		For Work In Restricted Working Space, Add	*5.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0550	EA	1-1/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	20.22	
		For Work In Restricted Working Space, Add	*6.07*	
23 21 13 23-0551	EA	1-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	21.41	
		For Work In Restricted Working Space, Add	*6.42*	
23 21 13 23-0552	EA	2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	22.99	
		For Work In Restricted Working Space, Add	*6.90*	
23 21 13 23-0553	EA	2-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	24.58	
		For Work In Restricted Working Space, Add	*7.37*	
23 21 13 23-0554	EA	3", Cut And Prepare For Welding Existing In Place Black Steel Pipe	26.96	
		For Work In Restricted Working Space, Add	*8.09*	
23 21 13 23-0555	EA	4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	29.34	
		For Work In Restricted Working Space, Add	*8.80*	
23 21 13 23-0556	EA	6", Cut And Prepare For Welding Existing In Place Black Steel Pipe	31.72	
		For Work In Restricted Working Space, Add	*9.52*	
23 21 13 23-0557	EA	8", Cut And Prepare For Welding Existing In Place Black Steel Pipe	34.10	
		For Work In Restricted Working Space, Add	*10.23*	
23 21 13 23-0558	EA	10", Cut And Prepare For Welding Existing In Place Black Steel Pipe	37.27	
		For Work In Restricted Working Space, Add	*11.18*	
23 21 13 23-0559	EA	12", Cut And Prepare For Welding Existing In Place Black Steel Pipe	40.44	
		For Work In Restricted Working Space, Add	*12.13*	
23 21 13 23-0560	EA	14", Cut And Prepare For Welding Existing In Place Black Steel Pipe	43.61	
		For Work In Restricted Working Space, Add	*13.08*	
23 21 13 23-0561	EA	16", Cut And Prepare For Welding Existing In Place Black Steel Pipe	46.78	
		For Work In Restricted Working Space, Add	*14.03*	
23 21 13 23-0562	EA	18", Cut And Prepare For Welding Existing In Place Black Steel Pipe	49.16	
		For Work In Restricted Working Space, Add	*14.75*	
23 21 13 23-0563	EA	20", Cut And Prepare For Welding Existing In Place Black Steel Pipe	51.55	
		For Work In Restricted Working Space, Add	*15.47*	
23 21 13 23-0564	EA	24", Cut And Prepare For Welding Existing In Place Black Steel Pipe	54.72	
		For Work In Restricted Working Space, Add	*16.42*	

23 21 13 23-0565 Welded Plain End Electric Resistance Black Steel Pipe *(23 21 13 23-0326)*

Note: ASTM A-135.

23 21 13 23-0566	LF	2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	20.39	10.57
		For Work In Restricted Working Space, Add	*5.19*	
23 21 13 23-0567	LF	2-1/2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	22.05	11.53
		For Work In Restricted Working Space, Add	*5.19*	
23 21 13 23-0568	LF	3" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	22.83	11.34
		For Work In Restricted Working Space, Add	*5.09*	
23 21 13 23-0569	LF	4" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	28.67	14.41
		For Work In Restricted Working Space, Add	*6.48*	
23 21 13 23-0570	LF	6" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	45.67	21.34
		For Work In Restricted Working Space, Add	*9.59*	
23 21 13 23-0571	LF	8.322" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	55.46	24.05
		For Work In Restricted Working Space, Add	*10.84*	
23 21 13 23-0572	LF	10.365" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	73.65	29.95
		For Work In Restricted Working Space, Add	*13.48*	
23 21 13 23-0573	LF	12.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	89.28	36.12
		For Work In Restricted Working Space, Add	*16.24*	
23 21 13 23-0574	LF	14.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	114.37	46.87
		For Work In Restricted Working Space, Add	*21.08*	

23 21 13 23-0575 Flanged Steel Fittings *(23 21 13 23)*

23 21 13 23-0576 Flanged Steel Fittings, Standard Weight *(23 21 13 23-0575)*

23 21 13 23-0577 Flanged Steel, 90 Degree Elbows *(23 21 13 23-0576)*

23 21 13 23-0578	EA	2" Standard Weight, Flanged Steel, 90 Degree Elbow	669.33	34.09
		For Galvanized Fittings, Add	*494.58*	
		For Extra Heavy Weight Fittings, Add	*741.88*	
23 21 13 23-0579	EA	2-1/2" Standard Weight, Flanged Steel, 90 Degree Elbow	746.62	37.96
		For Galvanized Fittings, Add	*551.74*	
		For Extra Heavy Weight Fittings, Add	*827.62*	
23 21 13 23-0580	EA	3" Standard Weight, Flanged Steel, 90 Degree Elbow	733.81	41.90
		For Galvanized Fittings, Add	*536.83*	
		For Extra Heavy Weight Fittings, Add	*805.25*	
23 21 13 23-0581	EA	4" Standard Weight, Flanged Steel, 90 Degree Elbow	939.76	48.69
		For Galvanized Fittings, Add	*693.41*	
		For Extra Heavy Weight Fittings, Add	*1,040.11*	
23 21 13 23-0582	EA	5" Standard Weight, Flanged Steel, 90 Degree Elbow	1,339.97	54.52
		For Galvanized Fittings, Add	*1,006.57*	
		For Extra Heavy Weight Fittings, Add	*1,509.85*	
23 21 13 23-0583	EA	6" Standard Weight, Flanged Steel, 90 Degree Elbow	1,405.91	63.29
		For Galvanized Fittings, Add	*1,048.82*	
		For Extra Heavy Weight Fittings, Add	*1,573.22*	
23 21 13 23-0584	EA	8" Standard Weight, Flanged Steel, 90 Degree Elbow	1,803.52	70.08
		For Galvanized Fittings, Add	*1,358.72*	
		For Extra Heavy Weight Fittings, Add	*2,038.08*	

23 21 13 23-0585 Flanged Steel, Reducing 90 Degree Elbows *(23 21 13 23-0576)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0586	EA	2-1/2" x 2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,302.90	36.06
		For Galvanized Fittings, Add	*999.10*	
		For Extra Heavy Weight Fittings, Add	*1,498.66*	
23 21 13 23-0587	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,352.23	39.93
		For Galvanized Fittings, Add	*1,033.90*	
		For Extra Heavy Weight Fittings, Add	*1,550.86*	
23 21 13 23-0588	EA	4" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,692.67	45.26
		For Galvanized Fittings, Add	*1,299.83*	
		For Extra Heavy Weight Fittings, Add	*1,949.75*	
23 21 13 23-0589	EA	5" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	2,110.24	48.18
		For Galvanized Fittings, Add	*1,630.38*	
		For Extra Heavy Weight Fittings, Add	*2,445.58*	
23 21 13 23-0590	EA	6" x 4" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	2,401.52	55.98
		For Galvanized Fittings, Add	*1,854.06*	
		For Extra Heavy Weight Fittings, Add	*2,781.10*	
23 21 13 23-0591	EA	8" x 6" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	3,371.33	66.71
		For Galvanized Fittings, Add	*2,617.06*	
		For Extra Heavy Weight Fittings, Add	*3,925.60*	

23 21 13 23-0592 Flanged Steel, 45 Degree Elbows *(23 21 13 23-0576)*

23 21 13 23-0593	EA	2" Standard Weight, Flanged Steel, 45 Degree Elbow	893.01	34.09
		For Galvanized Fittings, Add	*673.53*	
		For Extra Heavy Weight Fittings, Add	*1,010.29*	
23 21 13 23-0594	EA	2-1/2" Standard Weight, Flanged Steel, 45 Degree Elbow	926.81	37.96
		For Galvanized Fittings, Add	*695.90*	
		For Extra Heavy Weight Fittings, Add	*1,043.84*	
23 21 13 23-0595	EA	3" Standard Weight, Flanged Steel, 45 Degree Elbow	957.49	41.90
		For Galvanized Fittings, Add	*715.78*	
		For Extra Heavy Weight Fittings, Add	*1,073.66*	
23 21 13 23-0596	EA	4" Standard Weight, Flanged Steel, 45 Degree Elbow	1,200.73	48.69
		For Galvanized Fittings, Add	*902.18*	
		For Extra Heavy Weight Fittings, Add	*1,353.28*	
23 21 13 23-0597	EA	5" Standard Weight, Flanged Steel, 45 Degree Elbow	1,762.47	54.52
		For Galvanized Fittings, Add	*1,344.57*	
		For Extra Heavy Weight Fittings, Add	*2,016.85*	
23 21 13 23-0598	EA	6" Standard Weight, Flanged Steel, 45 Degree Elbow	1,697.94	63.29
		For Galvanized Fittings, Add	*1,282.44*	
		For Extra Heavy Weight Fittings, Add	*1,923.66*	
23 21 13 23-0599	EA	8" Standard Weight, Flanged Steel, 45 Degree Elbow	2,011.48	70.08
		For Galvanized Fittings, Add	*1,525.09*	
		For Extra Heavy Weight Fittings, Add	*2,287.63*	

23 21 13 23-0600 Flanged Steel, Tees *(23 21 13 23-0576)*

23 21 13 23-0601	EA	2" Standard Weight, Flanged Steel, Tee	844.00	51.10
		For Galvanized Fittings, Add	*613.88*	
		For Extra Heavy Weight Fittings, Add	*920.82*	
23 21 13 23-0602	EA	2-1/2" Standard Weight, Flanged Steel, Tee	1,107.50	56.94
		For Galvanized Fittings, Add	*817.68*	
		For Extra Heavy Weight Fittings, Add	*1,226.52*	
23 21 13 23-0603	EA	3" Standard Weight, Flanged Steel, Tee	988.91	62.77
		For Galvanized Fittings, Add	*715.79*	
		For Extra Heavy Weight Fittings, Add	*1,073.69*	
23 21 13 23-0604	EA	4" Standard Weight, Flanged Steel, Tee	1,445.33	73.07
		For Galvanized Fittings, Add	*1,068.67*	
		For Extra Heavy Weight Fittings, Add	*1,603.01*	
23 21 13 23-0605	EA	5" Standard Weight, Flanged Steel, Tee	2,199.04	81.83
		For Galvanized Fittings, Add	*1,661.13*	
		For Extra Heavy Weight Fittings, Add	*2,491.69*	
23 21 13 23-0606	EA	6" Standard Weight, Flanged Steel, Tee	2,693.32	94.96
		For Galvanized Fittings, Add	*2,040.79*	
		For Extra Heavy Weight Fittings, Add	*3,061.19*	
23 21 13 23-0607	EA	8" Standard Weight, Flanged Steel, Tee	2,972.52	110.00
		For Galvanized Fittings, Add	*2,246.04*	
		For Extra Heavy Weight Fittings, Add	*3,369.06*	

23 21 13 23-0608 Flanged Steel, Reducing Tees *(23 21 13 23-0576)*

23 21 13 23-0609	EA	2-1/2" Standard Weight, Flanged Steel, Reducing Tee	1,384.18	55.04
		For Galvanized Fittings, Add	*1,041.36*	
		For Extra Heavy Weight Fittings, Add	*1,562.04*	
23 21 13 23-0610	EA	3" Standard Weight, Flanged Steel, Reducing Tee	1,604.20	60.88
		For Galvanized Fittings, Add	*1,210.36*	
		For Extra Heavy Weight Fittings, Add	*1,815.54*	
23 21 13 23-0611	EA	4" Standard Weight, Flanged Steel, Reducing Tee	2,828.75	69.64
		For Galvanized Fittings, Add	*2,179.50*	
		For Extra Heavy Weight Fittings, Add	*3,269.24*	
23 21 13 23-0612	EA	5" Standard Weight, Flanged Steel, Reducing Tee	3,050.59	78.90
		For Galvanized Fittings, Add	*2,345.86*	
		For Extra Heavy Weight Fittings, Add	*3,518.80*	
23 21 13 23-0613	EA	6" Standard Weight, Flanged Steel, Reducing Tee	3,851.46	90.59
		For Galvanized Fittings, Add	*2,972.54*	
		For Extra Heavy Weight Fittings, Add	*4,458.82*	
23 21 13 23-0614	EA	8" Standard Weight, Flanged Steel, Reducing Tee	4,831.22	101.75
		For Galvanized Fittings, Add	*3,742.93*	
		For Extra Heavy Weight Fittings, Add	*5,614.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0615		Flanged Steel, Concentric Reducers *(23 21 13 23-0576)*		
23 21 13 23-0616	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Concentric Reducer	1,333.59	39.93
		For Galvanized Fittings, Add	*1,018.99*	
		For Extra Heavy Weight Fittings, Add	*1,528.49*	
23 21 13 23-0617	EA	4" x 3" Standard Weight, Flanged Steel, Concentric Reducer	1,515.59	45.26
		For Galvanized Fittings, Add	*1,158.17*	
		For Extra Heavy Weight Fittings, Add	*1,737.25*	
23 21 13 23-0618	EA	5" x 4" Standard Weight, Flanged Steel, Concentric Reducer	2,280.01	51.61
		For Galvanized Fittings, Add	*1,762.11*	
		For Extra Heavy Weight Fittings, Add	*2,643.17*	
23 21 13 23-0619	EA	6" x 4" Standard Weight, Flanged Steel, Concentric Reducer	2,516.47	55.98
		For Galvanized Fittings, Add	*1,946.02*	
		For Extra Heavy Weight Fittings, Add	*2,919.04*	
23 21 13 23-0620	EA	8" x 6" Standard Weight, Flanged Steel, Concentric Reducer	2,945.72	66.71
		For Galvanized Fittings, Add	*2,276.58*	
		For Extra Heavy Weight Fittings, Add	*3,414.86*	
23 21 13 23-0621		Flanged Steel, Eccentric Reducers *(23 21 13 23-0576)*		
23 21 13 23-0622	EA	4" x 3" Standard Weight, Flanged Steel, Eccentric Reducer	1,779.66	45.26
		For Galvanized Fittings, Add	*1,369.42*	
		For Extra Heavy Weight Fittings, Add	*2,054.14*	
23 21 13 23-0623	EA	5" x 4" Standard Weight, Flanged Steel, Eccentric Reducer	2,447.77	51.61
		For Galvanized Fittings, Add	*1,896.32*	
		For Extra Heavy Weight Fittings, Add	*2,844.48*	
23 21 13 23-0624		Plain End Couplings And Fittings *(23 21 13 23)* Note: For use on standard weight steel pipe (Schedule 40), but may be used on lightwall steel or other metallic pipe such as aluminum or stainless steel.		
23 21 13 23-0625		Plain End Piping System Couplings *(23 21 13 23-0624)*		
23 21 13 23-0626		Plainlock Plain End Piping System Couplings *(23 21 13 23-0625)* Note: Ductile iron body with gasket, bolts and nuts.		
23 21 13 23-0627	EA	1" Plainlock Plain End Piping System Coupling	176.20	4.38
		For Galvanized Fittings, Add	*33.93*	
23 21 13 23-0628	EA	1-1/2" Plainlock Plain End Piping System Coupling	178.76	6.05
		For Galvanized Fittings, Add	*33.93*	
23 21 13 23-0629	EA	2" Plainlock Plain End Piping System Coupling	181.72	8.03
		For Galvanized Fittings, Add	*33.93*	
23 21 13 23-0630	EA	2-1/2" Plainlock Plain End Piping System Coupling	184.24	9.71
		For Galvanized Fittings, Add	*33.93*	
23 21 13 23-0631	EA	3" Plainlock Plain End Piping System Coupling	217.72	11.68
		For Galvanized Fittings, Add	*40.04*	
23 21 13 23-0632	EA	4" Plainlock Plain End Piping System Coupling	300.74	15.55
		For Galvanized Fittings, Add	*55.48*	
23 21 13 23-0633	EA	6" Plainlock Plain End Piping System Coupling	506.33	25.33
		For Galvanized Fittings, Add	*93.68*	
23 21 13 23-0634		Roust-A-Bout Plain End Piping System Couplings *(23 21 13 23-0625)* Note: Ductile iron body with gasket, bolts and nuts.		
23 21 13 23-0635	EA	1-1/2" Roust-A-Bout Plain End Piping System Coupling	211.71	6.05
		For Galvanized Fittings, Add	*50.65*	
23 21 13 23-0636	EA	2" Roust-A-Bout Plain End Piping System Coupling	214.67	8.03
		For Galvanized Fittings, Add	*50.65*	
23 21 13 23-0637	EA	2-1/2" Roust-A-Bout Plain End Piping System Coupling	217.19	9.78
		For Galvanized Fittings, Add	*50.65*	
23 21 13 23-0638	EA	3" Roust-A-Bout Plain End Piping System Coupling	317.59	11.68
		For Galvanized Fittings, Add	*75.02*	
23 21 13 23-0639	EA	3-1/2" Roust-A-Bout Plain End Piping System Coupling	367.74	13.65
		For Galvanized Fittings, Add	*86.82*	
23 21 13 23-0640	EA	4" Roust-A-Bout Plain End Piping System Coupling	370.62	15.55
		For Galvanized Fittings, Add	*86.82*	
23 21 13 23-0641	EA	5" Roust-A-Bout Plain End Piping System Coupling	525.36	19.49
		For Galvanized Fittings, Add	*124.03*	
23 21 13 23-0642	EA	6" Roust-A-Bout Plain End Piping System Coupling	643.93	25.33
		For Galvanized Fittings, Add	*151.49*	
23 21 13 23-0643	EA	8" Roust-A-Bout Plain End Piping System Coupling	1,119.79	30.22
		For Galvanized Fittings, Add	*268.62*	
23 21 13 23-0644	EA	10" Roust-A-Bout Plain End Piping System Coupling	1,451.55	35.76
		For Galvanized Fittings, Add	*349.47*	
23 21 13 23-0645	EA	12" Roust-A-Bout Plain End Piping System Coupling	1,817.57	42.33
		For Galvanized Fittings, Add	*438.52*	
23 21 13 23-0646	EA	14" Roust-A-Bout Plain End Piping System Coupling	2,560.95	46.79
		For Galvanized Fittings, Add	*622.69*	
23 21 13 23-0647	EA	16" Roust-A-Bout Plain End Piping System Coupling	3,490.26	52.92
		For Galvanized Fittings, Add	*852.73*	
23 21 13 23-0648		Plain End Piping System Fittings *(23 21 13 23-0624)* Note: Cast ductile iron bodies.		
23 21 13 23-0649		Plain End Piping System, 90 Degree Elbows *(23 21 13 23-0648)*		
23 21 13 23-0650	EA	1" Plain End Piping System, 90 Degree Elbow	172.06	7.96
		For Galvanized Fittings, Add	*32.03*	
23 21 13 23-0651	EA	1-1/2" Plain End Piping System, 90 Degree Elbow	178.19	12.05
		For Galvanized Fittings, Add	*32.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0652	EA	2" Plain End Piping System, 90 Degree Elbow	183.99	15.92
		For Galvanized Fittings, Add	*32.03*	
23 21 13 23-0653	EA	2-1/2" Plain End Piping System, 90 Degree Elbow	189.19	19.41
		For Galvanized Fittings, Add	*32.03*	
23 21 13 23-0654	EA	3" Plain End Piping System, 90 Degree Elbow	227.57	23.50
		For Galvanized Fittings, Add	*38.47*	
23 21 13 23-0655	EA	4" Plain End Piping System, 90 Degree Elbow	326.92	30.95
		For Galvanized Fittings, Add	*56.10*	
23 21 13 23-0656	EA	5" Plain End Piping System, 90 Degree Elbow	1,029.02	38.76
		For Galvanized Fittings, Add	*194.18*	
23 21 13 23-0657	EA	6" Plain End Piping System, 90 Degree Elbow	848.06	50.74
		For Galvanized Fittings, Add	*154.41*	
23 21 13 23-0658	EA	8" Plain End Piping System, 90 Degree Elbow	1,720.92	60.23
		For Galvanized Fittings, Add	*326.12*	
23 21 13 23-0659	EA	10" Plain End Piping System, 90 Degree Elbow	2,154.87	70.37
		For Galvanized Fittings, Add	*409.88*	
23 21 13 23-0660	EA	12" Plain End Piping System, 90 Degree Elbow	2,736.07	84.53
		For Galvanized Fittings, Add	*521.87*	

23 21 13 23-0661 Plain End Piping System, 45 Degree Elbows *(23 21 13 23-0648)*

23 21 13 23-0662	EA	1" Plain End Piping System, 45 Degree Elbow	172.06	7.96
		For Galvanized Fittings, Add	*32.03*	
23 21 13 23-0663	EA	1-1/2" Plain End Piping System, 45 Degree Elbow	178.19	12.05
		For Galvanized Fittings, Add	*32.03*	
23 21 13 23-0664	EA	2" Plain End Piping System, 45 Degree Elbow	183.99	15.92
		For Galvanized Fittings, Add	*32.03*	
23 21 13 23-0665	EA	2-1/2" Plain End Piping System, 45 Degree Elbow	189.19	19.41
		For Galvanized Fittings, Add	*32.03*	
23 21 13 23-0666	EA	3" Plain End Piping System, 45 Degree Elbow	227.57	23.50
		For Galvanized Fittings, Add	*38.47*	
23 21 13 23-0667	EA	4" Plain End Piping System, 45 Degree Elbow	326.92	30.95
		For Galvanized Fittings, Add	*56.10*	
23 21 13 23-0668	EA	5" Plain End Piping System, 45 Degree Elbow	1,029.02	38.76
		For Galvanized Fittings, Add	*194.18*	
23 21 13 23-0669	EA	6" Plain End Piping System, 45 Degree Elbow	851.03	50.74
		For Galvanized Fittings, Add	*155.00*	
23 21 13 23-0670	EA	8" Plain End Piping System, 45 Degree Elbow	986.29	60.23
		For Galvanized Fittings, Add	*179.19*	
23 21 13 23-0671	EA	10" Plain End Piping System, 45 Degree Elbow	1,355.83	70.37
		For Galvanized Fittings, Add	*250.07*	
23 21 13 23-0672	EA	12" Plain End Piping System, 45 Degree Elbow	1,742.02	84.53
		For Galvanized Fittings, Add	*323.06*	

23 21 13 23-0673 Plain End Piping System, Tees *(23 21 13 23-0648)*

23 21 13 23-0674	EA	1" Plain End Piping System, Tee	233.70	12.05
		For Galvanized Fittings, Add	*43.13*	
23 21 13 23-0675	EA	1-1/2" Plain End Piping System, Tee	242.76	18.10
		For Galvanized Fittings, Add	*43.13*	
23 21 13 23-0676	EA	2" Plain End Piping System, Tee	250.73	23.43
		For Galvanized Fittings, Add	*43.13*	
23 21 13 23-0677	EA	2-1/2" Plain End Piping System, Tee	258.68	28.69
		For Galvanized Fittings, Add	*43.13*	
23 21 13 23-0678	EA	3" Plain End Piping System, Tee	363.22	35.26
		For Galvanized Fittings, Add	*62.07*	
23 21 13 23-0679	EA	4" Plain End Piping System, Tee	499.93	45.62
		For Galvanized Fittings, Add	*86.32*	
23 21 13 23-0680	EA	5" Plain End Piping System, Tee	1,037.49	59.64
		For Galvanized Fittings, Add	*189.61*	
23 21 13 23-0681	EA	6" Plain End Piping System, Tee	1,282.02	74.67
		For Galvanized Fittings, Add	*234.01*	
23 21 13 23-0682	EA	8" Plain End Piping System, Tee	1,757.42	90.80
		For Galvanized Fittings, Add	*324.25*	
23 21 13 23-0683	EA	10" Plain End Piping System, Tee	2,634.46	105.84
		For Galvanized Fittings, Add	*495.16*	
23 21 13 23-0684	EA	12" Plain End Piping System, Tee	3,539.27	126.80
		For Galvanized Fittings, Add	*669.83*	

23 21 13 23-0685 Plain End Piping System, Reducing Tees *(23 21 13 23-0648)*

23 21 13 23-0686	EA	1-1/2" Plain End Piping System, Reducing Tee	455.33	19.41
		For Galvanized Fittings, Add	*85.25*	
23 21 13 23-0687	EA	2" Plain End Piping System, Reducing Tee	461.32	23.43
		For Galvanized Fittings, Add	*85.25*	
23 21 13 23-0688	EA	2-1/2" Plain End Piping System, Reducing Tee	469.27	28.69
		For Galvanized Fittings, Add	*85.25*	
23 21 13 23-0689	EA	3" Plain End Piping System, Reducing Tee	479.12	35.26
		For Galvanized Fittings, Add	*85.25*	
23 21 13 23-0690	EA	4" Plain End Piping System, Reducing Tee	697.61	45.62
		For Galvanized Fittings, Add	*125.85*	
23 21 13 23-0691	EA	6" Plain End Piping System, Reducing Tee	1,180.51	74.67
		For Galvanized Fittings, Add	*213.71*	
23 21 13 23-0692	EA	8" Plain End Piping System, Reducing Tee	1,543.41	90.80
		For Galvanized Fittings, Add	*281.44*	
23 21 13 23-0693	EA	10" Plain End Piping System, Reducing Tee	2,328.14	105.84
		For Galvanized Fittings, Add	*433.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0694	EA	12" Plain End Piping System, Reducing Tee	3,451.62	126.80
		For Galvanized Fittings, Add	*652.30*	

23 21 13 23-0695 Plain End Piping System, Wyes *(23 21 13 23-0648)*

23 21 13 23-0696	EA	2" Plain End Piping System, Wye	666.72	23.43
		For Galvanized Fittings, Add	*126.33*	
23 21 13 23-0697	EA	2-1/2" Plain End Piping System, Wye	674.67	28.69
		For Galvanized Fittings, Add	*126.33*	
23 21 13 23-0698	EA	3" Plain End Piping System, Wye	762.88	35.26
		For Galvanized Fittings, Add	*142.00*	
23 21 13 23-0699	EA	4" Plain End Piping System, Wye	1,122.21	45.62
		For Galvanized Fittings, Add	*210.77*	
23 21 13 23-0700	EA	5" Plain End Piping System, Wye	1,371.86	59.64
		For Galvanized Fittings, Add	*256.48*	
23 21 13 23-0701	EA	6" Plain End Piping System, Wye	1,877.89	74.67
		For Galvanized Fittings, Add	*353.19*	
23 21 13 23-0702	EA	8" Plain End Piping System, Wye	2,423.19	90.80
		For Galvanized Fittings, Add	*457.40*	
23 21 13 23-0703	EA	10" Plain End Piping System, Wye	3,531.15	105.84
		For Galvanized Fittings, Add	*674.49*	
23 21 13 23-0704	EA	12" Plain End Piping System, Wye	5,389.05	126.80
		For Galvanized Fittings, Add	*1,039.79*	

23 21 13 23-0705 Plain End Piping System, Laterals *(23 21 13 23-0648)*

23 21 13 23-0706	EA	2" Plain End Piping System, Lateral	711.39	23.43
		For Galvanized Fittings, Add	*135.26*	
23 21 13 23-0707	EA	2-1/2" Plain End Piping System, Lateral	719.34	28.69
		For Galvanized Fittings, Add	*135.26*	
23 21 13 23-0708	EA	3" Plain End Piping System, Lateral	807.26	35.26
		For Galvanized Fittings, Add	*150.87*	
23 21 13 23-0709	EA	4" Plain End Piping System, Lateral	1,206.95	45.62
		For Galvanized Fittings, Add	*227.72*	
23 21 13 23-0710	EA	5" Plain End Piping System, Lateral	1,573.70	59.64
		For Galvanized Fittings, Add	*296.85*	
23 21 13 23-0711	EA	6" Plain End Piping System, Lateral	2,007.75	74.67
		For Galvanized Fittings, Add	*379.16*	
23 21 13 23-0712	EA	8" Plain End Piping System, Lateral	2,900.18	90.80
		For Galvanized Fittings, Add	*552.80*	
23 21 13 23-0713	EA	10" Plain End Piping System, Lateral	4,060.38	105.84
		For Galvanized Fittings, Add	*780.34*	
23 21 13 23-0714	EA	12" Plain End Piping System, Lateral	5,467.71	126.80
		For Galvanized Fittings, Add	*1,055.52*	

23 21 13 23-0715 Plain End Piping System, Crosses *(23 21 13 23-0648)*

23 21 13 23-0716	EA	2" Plain End Piping System, Cross	786.92	35.11
		For Galvanized Fittings, Add	*91.79*	
23 21 13 23-0717	EA	2-1/2" Plain End Piping System, Cross	798.82	43.00
		For Galvanized Fittings, Add	*91.79*	
23 21 13 23-0718	EA	3" Plain End Piping System, Cross	931.07	52.92
		For Galvanized Fittings, Add	*106.47*	
23 21 13 23-0719	EA	4" Plain End Piping System, Cross	1,272.58	68.40
		For Galvanized Fittings, Add	*146.26*	
23 21 13 23-0720	EA	5" Plain End Piping System, Cross	1,796.08	89.49
		For Galvanized Fittings, Add	*207.74*	
23 21 13 23-0721	EA	6" Plain End Piping System, Cross	2,361.81	111.69
		For Galvanized Fittings, Add	*274.30*	
23 21 13 23-0722	EA	8" Plain End Piping System, Cross	3,017.96	135.26
		For Galvanized Fittings, Add	*351.90*	
23 21 13 23-0723	EA	10" Plain End Piping System, Cross	4,344.53	158.11
		For Galvanized Fittings, Add	*513.44*	
23 21 13 23-0724	EA	12" Plain End Piping System, Cross	6,207.89	190.23
		For Galvanized Fittings, Add	*740.34*	

23 21 13 23-0725 Plain End Piping System, Adapter Nipples *(23 21 13 23-0648)*

Note: Plain to threaded, plain to beveled or plain to grooved.

23 21 13 23-0726	EA	1" Plain End Piping System, Adapter Nipple	22.61	4.38
		For Galvanized Fittings, Add	*4.01*	
23 21 13 23-0727	EA	1-1/2" Plain End Piping System, Adapter Nipple	25.62	6.05
		For Galvanized Fittings, Add	*4.12*	
23 21 13 23-0728	EA	2" Plain End Piping System, Adapter Nipple	28.50	8.03
		For Galvanized Fittings, Add	*4.12*	
23 21 13 23-0729	EA	2-1/2" Plain End Piping System, Adapter Nipple	33.91	9.71
		For Galvanized Fittings, Add	*4.83*	
23 21 13 23-0730	EA	3" Plain End Piping System, Adapter Nipple	41.39	11.68
		For Galvanized Fittings, Add	*5.97*	
23 21 13 23-0731	EA	4" Plain End Piping System, Adapter Nipple	63.27	15.55
		For Galvanized Fittings, Add	*9.98*	
23 21 13 23-0732	EA	6" Plain End Piping System, Adapter Nipple	137.13	19.49
		For Galvanized Fittings, Add	*26.98*	

23 21 13 23-0733 Plain End Piping System, Reducing (Swaged) Nipples *(23 21 13 23-0648)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0734	EA	1-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	69.62	10.44
		For Galvanized Fittings, Add	*13.48*	
23 21 13 23-0735	EA	2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	72.54	12.41
		For Galvanized Fittings, Add	*13.48*	
23 21 13 23-0736	EA	2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	75.49	14.38
		For Galvanized Fittings, Add	*13.48*	
23 21 13 23-0737	EA	2-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	74.77	13.94
		For Galvanized Fittings, Add	*13.48*	
23 21 13 23-0738	EA	2-1/2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	77.66	15.84
		For Galvanized Fittings, Add	*13.48*	
23 21 13 23-0739	EA	2-1/2" x 2" Plain End Piping System, Reducing (Swaged) Nipple	80.56	17.74
		For Galvanized Fittings, Add	*13.48*	
23 21 13 23-0740	EA	3" x 1" Plain End Piping System, Reducing (Swaged) Nipple	89.72	16.06
		For Galvanized Fittings, Add	*16.42*	
23 21 13 23-0741	EA	3" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	92.31	17.74
		For Galvanized Fittings, Add	*16.42*	
23 21 13 23-0742	EA	3" x 2" Plain End Piping System, Reducing (Swaged) Nipple	80.09	19.71
		For Galvanized Fittings, Add	*12.63*	
23 21 13 23-0743	EA	3" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	85.74	23.50
		For Galvanized Fittings, Add	*12.63*	
23 21 13 23-0744	EA	3-1/2" x 3" Plain End Piping System, Reducing (Swaged) Nipple	98.33	25.33
		For Galvanized Fittings, Add	*15.10*	
23 21 13 23-0745	EA	4" x 1" Plain End Piping System, Reducing (Swaged) Nipple	122.26	19.93
		For Galvanized Fittings, Add	*23.09*	
23 21 13 23-0746	EA	4" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	124.82	21.68
		For Galvanized Fittings, Add	*23.09*	
23 21 13 23-0747	EA	4" x 2" Plain End Piping System, Reducing (Swaged) Nipple	105.36	23.66
		For Galvanized Fittings, Add	*17.48*	
23 21 13 23-0748	EA	4" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	107.87	25.33
		For Galvanized Fittings, Add	*17.48*	
23 21 13 23-0749	EA	4" x 3" Plain End Piping System, Reducing (Swaged) Nipple	110.84	27.30
		For Galvanized Fittings, Add	*17.48*	
23 21 13 23-0750	EA	4" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple	113.69	29.20
		For Galvanized Fittings, Add	*17.48*	
23 21 13 23-0751	EA	5" x 2" Plain End Piping System, Reducing (Swaged) Nipple	298.44	27.52
		For Galvanized Fittings, Add	*64.29*	
23 21 13 23-0752	EA	5" x 3" Plain End Piping System, Reducing (Swaged) Nipple	245.16	31.10
		For Galvanized Fittings, Add	*49.62*	
23 21 13 23-0753	EA	5" x 4" Plain End Piping System, Reducing (Swaged) Nipple	215.92	35.11
		For Galvanized Fittings, Add	*40.83*	
23 21 13 23-0754	EA	6" x 1" Plain End Piping System, Reducing (Swaged) Nipple	534.49	29.71
		For Galvanized Fittings, Add	*122.50*	
23 21 13 23-0755	EA	6" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	537.02	31.39
		For Galvanized Fittings, Add	*122.50*	
23 21 13 23-0756	EA	6" x 2" Plain End Piping System, Reducing (Swaged) Nipple	412.41	33.36
		For Galvanized Fittings, Add	*90.60*	
23 21 13 23-0757	EA	6" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	415.00	35.11
		For Galvanized Fittings, Add	*90.60*	
23 21 13 23-0758	EA	6" x 3" Plain End Piping System, Reducing (Swaged) Nipple	290.34	37.00
		For Galvanized Fittings, Add	*58.72*	
23 21 13 23-0759	EA	6" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple	292.99	38.76
		For Galvanized Fittings, Add	*58.72*	
23 21 13 23-0760	EA	6" x 4" Plain End Piping System, Reducing (Swaged) Nipple	239.35	40.88
		For Galvanized Fittings, Add	*44.53*	
23 21 13 23-0761	EA	6" x 5" Plain End Piping System, Reducing (Swaged) Nipple	271.33	44.75
		For Galvanized Fittings, Add	*51.06*	
23 21 13 23-0762	EA	8" x 3" Plain End Piping System, Reducing (Swaged) Nipple	345.96	41.83
		For Galvanized Fittings, Add	*70.81*	
23 21 13 23-0763	EA	8" x 4" Plain End Piping System, Reducing (Swaged) Nipple	351.86	45.77
		For Galvanized Fittings, Add	*70.81*	
23 21 13 23-0764	EA	8" x 5" Plain End Piping System, Reducing (Swaged) Nipple	396.72	49.71
		For Galvanized Fittings, Add	*80.56*	
23 21 13 23-0765	EA	8" x 6" Plain End Piping System, Reducing (Swaged) Nipple	444.53	55.55
		For Galvanized Fittings, Add	*90.30*	

23 21 13 23-0766 Plain End Piping System, Bull Plugs *(23 21 13 23-0648)*

23 21 13 23-0767	EA	1" Plain End Piping System, Bull Plug	100.10	4.38
		For Galvanized Fittings, Add	*28.06*	
23 21 13 23-0768	EA	1-1/2" Plain End Piping System, Bull Plug	102.66	6.05
		For Galvanized Fittings, Add	*28.06*	
23 21 13 23-0769	EA	2" Plain End Piping System, Bull Plug	105.54	8.03
		For Galvanized Fittings, Add	*28.06*	
23 21 13 23-0770	EA	2-1/2" Plain End Piping System, Bull Plug	108.13	9.71
		For Galvanized Fittings, Add	*28.06*	
23 21 13 23-0771	EA	3" Plain End Piping System, Bull Plug	154.63	11.68
		For Galvanized Fittings, Add	*41.13*	
23 21 13 23-0772	EA	4" Plain End Piping System, Bull Plug	200.44	15.55
		For Galvanized Fittings, Add	*53.13*	
23 21 13 23-0773	EA	5" Plain End Piping System, Bull Plug	342.16	19.49
		For Galvanized Fittings, Add	*93.89*	
23 21 13 23-0774	EA	6" Plain End Piping System, Bull Plug	455.37	25.33
		For Galvanized Fittings, Add	*125.23*	
23 21 13 23-0775	EA	8" Plain End Piping System, Bull Plug	830.02	30.14
		For Galvanized Fittings, Add	*235.43*	
23 21 13 23-0776	EA	10" Plain End Piping System, Bull Plug	1,477.49	35.26
		For Galvanized Fittings, Add	*427.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0777	EA	12" Plain End Piping System, Bull Plug	2,254.28	42.33
		For Galvanized Fittings, Add	*657.24*	
23 21 13 23-0778		Carbon Steel Piping Systems *(23 21 13 23)*		
23 21 13 23-0779		3000 LB Carbon Steel Socket Weld Fittings *(23 21 13 23-0778)*		
23 21 13 23-0780		90 Degree Elbows, 3000 LB Carbon Steel Socket Weld *(23 21 13 23-0779)*		
23 21 13 23-0781	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3000 LB	36.83	14.46
23 21 13 23-0782	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3000 LB	41.58	16.13
23 21 13 23-0783	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 3000 LB	59.07	18.03
23 21 13 23-0784	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3000 LB	90.33	20.44
23 21 13 23-0785	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3000 LB	104.01	22.99
23 21 13 23-0786	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3000 LB	145.90	29.27
23 21 13 23-0787	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3000 LB	323.82	43.29
23 21 13 23-0788	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 3000 LB	471.88	56.94
23 21 13 23-0789	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3000 LB	913.08	61.58
23 21 13 23-0790		45 Degree Elbows, 3000 LB Carbon Steel Socket Weld *(23 21 13 23-0779)*		
23 21 13 23-0791	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3000 LB	43.53	14.46
23 21 13 23-0792	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3000 LB	51.71	16.13
23 21 13 23-0793	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 3000 LB	62.18	18.03
23 21 13 23-0794	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3000 LB	94.28	20.44
23 21 13 23-0795	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3000 LB	113.46	22.99
23 21 13 23-0796	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3000 LB	145.70	29.27
23 21 13 23-0797	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3000 LB	381.67	43.29
23 21 13 23-0798	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 3000 LB	520.83	56.94
23 21 13 23-0799	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3000 LB	891.91	61.58
23 21 13 23-0800		Straight Tees, 3000 LB Carbon Steel Socket Weld *(23 21 13 23-0779)*		
23 21 13 23-0801	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 3000 LB	44.31	18.03
23 21 13 23-0802	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 3000 LB	56.13	20.80
23 21 13 23-0803	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 3000 LB	80.99	24.60
23 21 13 23-0804	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 3000 LB	115.80	29.27
23 21 13 23-0805	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3000 LB	141.56	34.89
23 21 13 23-0806	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 3000 LB	194.41	43.29
23 21 13 23-0807	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3000 LB	397.19	56.94
23 21 13 23-0808	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 3000 LB	569.59	67.59
23 21 13 23-0809	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 3000 LB	1,216.57	77.75
23 21 13 23-0810		Reducing Tees, 3000 LB Carbon Steel Socket Weld *(23 21 13 23-0779)*		
23 21 13 23-0811	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3000 LB	46.15	18.03
23 21 13 23-0812	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 3000 LB	58.03	20.80
23 21 13 23-0813	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 3000 LB	83.26	24.60
23 21 13 23-0814	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 3000 LB	121.18	29.27
23 21 13 23-0815	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3000 LB	147.87	34.89
23 21 13 23-0816	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 3000 LB	204.08	43.29
23 21 13 23-0817	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3000 LB	420.19	56.94
23 21 13 23-0818	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 3000 LB	602.70	67.59
23 21 13 23-0819	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 3000 LB	1,098.74	77.75
23 21 13 23-0820		Straight Couplings, 3000 LB Carbon Steel Socket Weld *(23 21 13 23-0779)*		
23 21 13 23-0821	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3000 LB	28.57	14.46
23 21 13 23-0822	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 3000 LB	32.43	16.13
23 21 13 23-0823	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 3000 LB	39.65	18.03
23 21 13 23-0824	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 3000 LB	46.51	20.44
23 21 13 23-0825	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3000 LB	55.90	22.99
23 21 13 23-0826	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 3000 LB	75.09	29.27
23 21 13 23-0827	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket, Weld, 3000 LB	143.46	43.29
23 21 13 23-0828	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 3000 LB	193.74	56.94
23 21 13 23-0829	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 3000 LB	308.48	61.58
23 21 13 23-0830		Reducing Couplings, 3000 LB Carbon Steel Socket Weld *(23 21 13 23-0779)*		
23 21 13 23-0831	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3000 LB	32.31	14.46
23 21 13 23-0832	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3000 LB	36.53	16.13
23 21 13 23-0833	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 3000 LB	46.21	18.03
23 21 13 23-0834	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3000 LB	54.44	20.44
23 21 13 23-0835	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3000 LB	67.66	22.99
23 21 13 23-0836	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 3000 LB	87.66	29.27
23 21 13 23-0837	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3000 LB	171.15	43.29
23 21 13 23-0838	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 3000 LB	249.42	56.94
23 21 13 23-0839	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 3000 LB	424.23	61.58
23 21 13 23-0840		Caps, 3000 LB Carbon Steel Socket Weld *(23 21 13 23-0779)*		
23 21 13 23-0841	EA	1/2" Cap, Carbon Steel, Socket Weld, 3000 LB	21.12	6.79
23 21 13 23-0842	EA	3/4" Cap, Carbon Steel, Socket Weld, 3000 LB	25.19	7.22
23 21 13 23-0843	EA	1" Cap, Carbon Steel, Socket Weld, 3000 LB	29.89	8.32
23 21 13 23-0844	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 3000 LB	36.23	9.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0845	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 3000 LB	44.56	9.05
23 21 13 23-0846	EA	2" Cap, Carbon Steel, Socket Weld, 3000 LB	57.94	11.61
23 21 13 23-0847	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 3000 LB	117.01	14.46
23 21 13 23-0848	EA	3" Cap, Carbon Steel, Socket Weld, 3000 LB	176.42	17.45
23 21 13 23-0849	EA	4" Cap, Carbon Steel, Socket Weld, 3000 LB	265.93	21.07
23 21 13 23-0850		Black Cast Iron Square Head Plug *(23 21 13 23-0779)*		
23 21 13 23-0851	EA	1/2" Square Head Plug, Black, Cast Iron	10.18	5.76
23 21 13 23-0852	EA	3/4" Square Head Plug, Black, Cast Iron	12.55	5.76
23 21 13 23-0853	EA	1" Square Head Plug, Black, Cast Iron	17.49	8.75
23 21 13 23-0854	EA	1-1/4" Square Head Plug, Black, Cast Iron	17.96	8.75
23 21 13 23-0855	EA	1-1/2" Square Head Plug, Black, Cast Iron	19.93	8.75
23 21 13 23-0856	EA	2" Square Head Plug, Black, Cast Iron	26.33	11.61
23 21 13 23-0857	EA	2-1/2" Square Head Plug, Black, Cast Iron	34.52	14.46
23 21 13 23-0858	EA	3" Square Head Plug, Black, Cast Iron	46.85	17.45
23 21 13 23-0859	EA	4" Square Head Plug, Black, Cast Iron	55.93	21.07
23 21 13 23-0860		Unions, 3000 LB Carbon Steel Socket Weld *(23 21 13 23-0779)*		
23 21 13 23-0861	EA	1/2" Union, Carbon Steel, Socket Weld, 3000 LB	65.95	18.03
23 21 13 23-0862	EA	3/4" Union, Carbon Steel, Socket Weld, 3000 LB	71.12	20.80
23 21 13 23-0863	EA	1" Union, Carbon Steel, Socket Weld, 3000 LB	95.22	24.60
23 21 13 23-0864	EA	1-1/4" Union, Carbon Steel, Socket Weld, 3000 LB	124.39	29.27
23 21 13 23-0865	EA	1-1/2" Union, Carbon Steel, Socket Weld, 3000 LB	150.63	34.89
23 21 13 23-0866	EA	2" Union, Carbon Steel, Socket Weld, 3000 LB	189.12	43.29
23 21 13 23-0867	EA	2-1/2" Union, Carbon Steel, Socket Weld, 3000 LB	388.63	47.01
23 21 13 23-0868	EA	3" Union, Carbon Steel, Socket Weld, 3000 LB	536.24	56.94
23 21 13 23-0869		6000 LB Carbon Steel Socket Weld Fittings *(23 21 13 23-0778)*		
23 21 13 23-0870		90 Degree Elbow, 6000 LB Carbon Steel Socket Weld *(23 21 13 23-0869)*		
23 21 13 23-0871	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6000 LB	44.90	14.46
23 21 13 23-0872	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6000 LB	50.81	16.13
23 21 13 23-0873	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 6000 LB	76.08	18.03
23 21 13 23-0874	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6000 LB	122.04	20.44
23 21 13 23-0875	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6000 LB	140.91	22.99
23 21 13 23-0876	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6000 LB	200.10	29.27
23 21 13 23-0877	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6000 LB	461.35	43.29
23 21 13 23-0878	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 6000 LB	677.16	56.94
23 21 13 23-0879	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6000 LB	1,349.01	61.58
23 21 13 23-0880		45 Degree Elbow, 6000 LB Carbon Steel Socket Weld *(23 21 13 23-0869)*		
23 21 13 23-0881	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6000 LB	55.93	14.46
23 21 13 23-0882	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6000 LB	67.29	16.13
23 21 13 23-0883	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 6000 LB	82.08	18.03
23 21 13 23-0884	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6000 LB	130.32	20.44
23 21 13 23-0885	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6000 LB	158.16	22.99
23 21 13 23-0886	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6000 LB	203.38	29.27
23 21 13 23-0887	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6000 LB	561.04	43.29
23 21 13 23-0888	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 6000 LB	767.38	56.94
23 21 13 23-0889	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6000 LB	1,344.65	61.58
23 21 13 23-0890		Straight Tees, 6000 LB Carbon Steel Socket Weld *(23 21 13 23-0869)*		
23 21 13 23-0891	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 6000 LB	60.31	18.03
23 21 13 23-0892	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 6000 LB	79.24	20.80
23 21 13 23-0893	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 6000 LB	121.87	24.60
23 21 13 23-0894	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 6000 LB	182.45	29.27
23 21 13 23-0895	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6000 LB	224.20	34.89
23 21 13 23-0896	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 6000 LB	314.38	43.29
23 21 13 23-0897	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6000 LB	686.00	56.94
23 21 13 23-0898	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 6000 LB	1,003.25	67.59
23 21 13 23-0899	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 6000 LB	2,235.40	77.75
23 21 13 23-0900		Reducing Tees, 6000 LB Carbon Steel Socket Weld *(23 21 13 23-0869)*		
23 21 13 23-0901	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6000 LB	46.15	18.03
23 21 13 23-0902	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 6000 LB	58.03	20.80
23 21 13 23-0903	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 6000 LB	83.26	24.60
23 21 13 23-0904	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 6000 LB	121.18	29.27
23 21 13 23-0905	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6000 LB	147.87	34.89
23 21 13 23-0906	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 6000 LB	204.08	43.29
23 21 13 23-0907	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6000 LB	420.19	56.94
23 21 13 23-0908	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 6000 LB	602.70	67.59
23 21 13 23-0909	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 6000 LB	1,098.74	77.75
23 21 13 23-0910		Straight Couplings, 6000 LB Carbon Steel Socket Weld *(23 21 13 23-0869)*		
23 21 13 23-0911	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6000 LB	31.93	14.46
23 21 13 23-0912	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 6000 LB	36.41	16.13
23 21 13 23-0913	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 6000 LB	45.75	18.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0914	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 6000 LB	54.20	20.44
23 21 13 23-0915	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6000 LB	66.24	22.99
23 21 13 23-0916	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 6000 LB	90.20	29.27
23 21 13 23-0917	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6000 LB	181.47	43.29
23 21 13 23-0918	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 6000 LB	246.15	56.94
23 21 13 23-0919	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 6000 LB	413.04	61.58
23 21 13 23-0920		**Reducing Couplings, 6000 LB Carbon Steel Socket Weld** *(23 21 13 23-0869)*		
23 21 13 23-0921	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6000 LB	37.44	14.46
23 21 13 23-0922	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6000 LB	42.45	16.13
23 21 13 23-0923	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 6000 LB	55.42	18.03
23 21 13 23-0924	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6000 LB	65.87	20.44
23 21 13 23-0925	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6000 LB	83.57	22.99
23 21 13 23-0926	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 6000 LB	108.69	29.27
23 21 13 23-0927	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6000 LB	222.15	43.29
23 21 13 23-0928	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 6000 LB	328.17	56.94
23 21 13 23-0929	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 6000 LB	583.56	61.58
23 21 13 23-0930		**Caps, 6000 LB Carbon Steel Socket Weld** *(23 21 13 23-0869)*		
23 21 13 23-0931	EA	1/2" Cap, Carbon Steel, Socket Weld, 6000 LB	28.48	6.79
23 21 13 23-0932	EA	3/4" Cap, Carbon Steel, Socket Weld, 6000 LB	34.84	7.22
23 21 13 23-0933	EA	1" Cap, Carbon Steel, Socket Weld, 6000 LB	41.58	8.32
23 21 13 23-0934	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 6000 LB	51.47	9.05
23 21 13 23-0935	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 6000 LB	65.39	9.05
23 21 13 23-0936	EA	2" Cap, Carbon Steel, Socket Weld, 6000 LB	85.12	11.61
23 21 13 23-0937	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 6000 LB	181.02	14.46
23 21 13 23-0938	EA	3" Cap, Carbon Steel, Socket Weld, 6000 LB	277.27	17.45
23 21 13 23-0939	EA	4" Cap, Carbon Steel, Socket Weld, 6000 LB	423.16	21.07
23 21 13 23-0940		**Black Cast Iron Square Head Plug** *(23 21 13 23-0869)*		
23 21 13 23-0941	EA	1/2" Square Head Plug, Black Cast Iron	10.19	5.76
23 21 13 23-0942	EA	3/4" Square Head Plug, Black Cast Iron	12.57	5.76
23 21 13 23-0943	EA	1" Square Head Plug, Black Cast Iron	17.51	8.75
23 21 13 23-0944	EA	1-1/4" Square Head Plug, Black Cast Iron	17.99	8.75
23 21 13 23-0945	EA	1-1/2" Square Head Plug, Black Cast Iron	19.97	8.75
23 21 13 23-0946	EA	2" Square Head Plug, Black Cast Iron	26.37	11.61
23 21 13 23-0947	EA	2-1/2" Square Head Plug, Black Cast Iron	34.59	14.46
23 21 13 23-0948	EA	3" Square Head Plug, Black Cast Iron	46.95	17.45
23 21 13 23-0949	EA	4" Square Head Plug, Black Cast Iron	56.05	21.07
23 21 13 23-0950		**Unions, 6000 LB Carbon Steel Socket Weld** *(23 21 13 23-0869)*		
23 21 13 23-0951	EA	1/2" Union, Carbon Steel, Socket Weld, 6000 LB	89.74	18.03
23 21 13 23-0952	EA	3/4" Union, Carbon Steel, Socket Weld, 6000 LB	95.54	20.80
23 21 13 23-0953	EA	1" Union, Carbon Steel, Socket Weld, 6000 LB	130.91	24.60
23 21 13 23-0954	EA	1-1/4" Union, Carbon Steel, Socket Weld, 6000 LB	173.65	29.27
23 21 13 23-0955	EA	1-1/2" Union, Carbon Steel, Socket Weld, 6000 LB	210.74	34.89
23 21 13 23-0956	EA	2" Union, Carbon Steel, Socket Weld, 6000 LB	265.09	43.29
23 21 13 23-0957	EA	2-1/2" Union, Carbon Steel, Socket Weld, 6000 LB	583.15	47.01
23 21 13 23-0958	EA	3" Union, Carbon Steel, Socket Weld, 6000 LB	811.95	56.94
23 21 13 23-0959		**Carbon Steel Piping System** *(23 21 13 23-0778)* Note: ASTM A106 Excludes hangers or fittings. Demolition Note applies to all pipe demolition.		
23 21 13 23-0960		**Schedule 40 Carbon Steel Piping** *(23 21 13 23-0959)* Note: ASTM A106 Excludes hangers, elbow, tee, or reducer fittings.		
23 21 13 23-0961	LF	1/4" ASTM A106 Carbon Steel Pipe, Schedule 40	10.75	2.70
		For Schedule 80, Add	*2.41*	
23 21 13 23-0962	LF	1/2" ASTM A106 Carbon Steel Pipe, Schedule 40	10.54	2.92
		For Schedule 80, Add	*2.20*	
		For Schedule 160, Add	*9.18*	
23 21 13 23-0963	LF	3/4" ASTM A106 Carbon Steel Pipe, Schedule 40	12.19	3.14
		For Schedule 80, Add	*2.70*	
		For Schedule 160, Add	*11.24*	
23 21 13 23-0964	LF	1" ASTM A106 Carbon Steel Pipe, Schedule 40	12.83	3.44
		For Schedule 80, Add	*2.78*	
		For Schedule 160, Add	*11.58*	
23 21 13 23-0965	LF	1-1/2" ASTM A106 Carbon Steel Pipe, Schedule 40	17.73	4.23
		For Schedule 80, Add	*4.10*	
		For Schedule 160, Add	*17.07*	
23 21 13 23-0966	LF	2" ASTM A106 Carbon Steel Pipe, Schedule 40	22.67	5.11
		For Schedule 80, Add	*5.39*	
		For Schedule 160, Add	*22.47*	
23 21 13 23-0967		**90 Degree Elbows, Screwed Carbon Steel** *(23 21 13 23-0959)*		
23 21 13 23-0968	EA	1/4" 90 Degree Elbow, 2000 LB, Screwed Carbon Steel	26.29	11.09
23 21 13 23-0969	EA	1/2" 90 Degree Elbow, 2000 LB, Screwed Carbon Steel	32.61	13.00
23 21 13 23-0970	EA	3/4" 90 Degree Elbow, 2000 LB, Screwed Carbon Steel	36.39	14.53
23 21 13 23-0971	EA	1" 90 Degree Elbow, 2000 LB, Screwed Carbon Steel	42.73	16.21
23 21 13 23-0972	EA	1-1/2" 90 Degree Elbow, 2000 LB, Screwed Carbon Steel	78.57	20.73
23 21 13 23-0973	EA	2" 90 Degree Elbow, 2000 LB, Screwed Carbon Steel	99.42	26.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0974	EA	1/4" 90 Degree Elbow, 3000 LB, Screwed Carbon Steel	29.34	11.09
23 21 13 23-0975	EA	1/2" 90 Degree Elbow, 3000 LB, Screwed Carbon Steel	33.76	13.00
23 21 13 23-0976	EA	3/4" 90 Degree Elbow, 3000 LB, Screwed Carbon Steel	40.17	14.53
23 21 13 23-0977	EA	1" 90 Degree Elbow, 3000 LB, Screwed Carbon Steel	50.94	16.21
23 21 13 23-0978	EA	1-1/2" 90 Degree Elbow, 3000 LB, Screwed Carbon Steel	98.18	20.73
23 21 13 23-0979	EA	2" 90 Degree Elbow, 3000 LB, Screwed Carbon Steel	121.09	26.36
23 21 13 23-0980	EA	1/2" 90 Degree Elbow, 6000 LB, Screwed Carbon Steel	44.43	13.00
23 21 13 23-0981	EA	3/4" 90 Degree Elbow, 6000 LB, Screwed Carbon Steel	53.61	14.53
23 21 13 23-0982	EA	1" 90 Degree Elbow, 6000 LB, Screwed Carbon Steel	65.07	16.21
23 21 13 23-0983	EA	1-1/2" 90 Degree Elbow, 6000 LB, Screwed Carbon Steel	137.87	20.73
23 21 13 23-0984	EA	2" 90 Degree Elbow, 6000 LB, Screwed Carbon Steel	226.36	26.36
23 21 13 23-0985		**45 Degree Elbows, Screwed Carbon Steel** *(23 21 13 23-0959)*		
23 21 13 23-0986	EA	1/4" 45 Degree Elbow, 2000 LB, Screwed Carbon Steel	32.39	11.09
23 21 13 23-0987	EA	1/2" 45 Degree Elbow, 2000 LB, Screwed Carbon Steel	35.07	13.00
23 21 13 23-0988	EA	3/4" 45 Degree Elbow, 2000 LB, Screwed Carbon Steel	39.58	14.53
23 21 13 23-0989	EA	1" 45 Degree Elbow, 2000 LB, Screwed Carbon Steel	45.15	16.21
23 21 13 23-0990	EA	1-1/2" 45 Degree Elbow, 2000 LB, Screwed Carbon Steel	70.73	20.73
23 21 13 23-0991	EA	2" 45 Degree Elbow, 2000 LB, Screwed Carbon Steel	111.50	26.36
23 21 13 23-0992	EA	1/4" 45 Degree Elbow, 3000 LB, Screwed Carbon Steel	32.89	11.09
23 21 13 23-0993	EA	1/2" 45 Degree Elbow, 3000 LB, Screwed Carbon Steel	37.88	13.00
23 21 13 23-0994	EA	3/4" 45 Degree Elbow, 3000 LB, Screwed Carbon Steel	42.80	14.53
23 21 13 23-0995	EA	1" 45 Degree Elbow, 3000 LB, Screwed Carbon Steel	53.54	16.21
23 21 13 23-0996	EA	1-1/2" 45 Degree Elbow, 3000 LB, Screwed Carbon Steel	95.15	20.73
23 21 13 23-0997	EA	2" 45 Degree Elbow, 3000 LB, Screwed Carbon Steel	127.86	26.36
23 21 13 23-0998	EA	1/2" 45 Degree Elbow, 6000 LB, Screwed Carbon Steel	51.81	13.00
23 21 13 23-0999	EA	3/4" 45 Degree Elbow, 6000 LB, Screwed Carbon Steel	66.91	14.53
23 21 13 23-1000	EA	1" 45 Degree Elbow, 6000 LB, Screwed Carbon Steel	70.06	16.21
23 21 13 23-1001	EA	1-1/2" 45 Degree Elbow, 6000 LB, Screwed Carbon Steel	166.18	20.73
23 21 13 23-1002	EA	2" 45 Degree Elbow, 6000 LB, Screwed Carbon Steel	228.23	26.36
23 21 13 23-1003		**Straight Tees, Screwed Carbon Steel** *(23 21 13 23-0959)*		
23 21 13 23-1004	EA	1/4" Tee, Straight, 2000 LB, Screwed Carbon Steel	35.40	15.40
23 21 13 23-1005	EA	1/2" Tee, Straight, 2000 LB, Screwed Carbon Steel	41.37	16.21
23 21 13 23-1006	EA	3/4" Tee, Straight, 2000 LB, Screwed Carbon Steel	51.32	18.76
23 21 13 23-1007	EA	1" Tee, Straight, 2000 LB, Screwed Carbon Steel	64.96	22.11
23 21 13 23-1008	EA	1-1/2" Tee, Straight, 2000 LB, Screwed Carbon Steel	113.94	31.39
23 21 13 23-1009	EA	2" Tee, Straight, 2000 LB, Screwed Carbon Steel	141.24	38.98
23 21 13 23-1010	EA	1/4" Tee, Straight, 3000 LB, Screwed Carbon Steel	38.01	15.40
23 21 13 23-1011	EA	1/2" Tee, Straight, 3000 LB, Screwed Carbon Steel	43.07	16.21
23 21 13 23-1012	EA	3/4" Tee, Straight, 3000 LB, Screwed Carbon Steel	57.00	18.76
23 21 13 23-1013	EA	1" Tee, Straight, 3000 LB, Screwed Carbon Steel	69.82	22.11
23 21 13 23-1014	EA	1-1/2" Tee, Straight, 3000 LB, Screwed Carbon Steel	130.77	31.39
23 21 13 23-1015	EA	2" Tee, Straight, 3000 LB, Screwed Carbon Steel	169.09	38.98
23 21 13 23-1016	EA	1/2" Tee, Straight, 6000 LB, Screwed Carbon Steel	55.88	16.21
23 21 13 23-1017	EA	3/4" Tee, Straight, 6000 LB, Screwed Carbon Steel	70.76	18.76
23 21 13 23-1018	EA	1" Tee, Straight, 6000 LB, Screwed Carbon Steel	103.85	22.11
23 21 13 23-1019	EA	1-1/2" Tee, Straight, 6000 LB, Screwed Carbon Steel	169.43	31.39
23 21 13 23-1020	EA	2" Tee, Straight, 6000 LB, Screwed Carbon Steel	292.34	38.98
23 21 13 23-1021		**Crosses, Screwed Carbon Steel** *(23 21 13 23-0959)*		
23 21 13 23-1022	EA	1/4" Cross, 2000 LB, Screwed Carbon Steel	59.00	19.49
23 21 13 23-1023	EA	1/2" Cross, 2000 LB, Screwed Carbon Steel	72.32	21.90
23 21 13 23-1024	EA	3/4" Cross, 2000 LB, Screwed Carbon Steel	78.26	23.36
23 21 13 23-1025	EA	1" Cross, 2000 LB, Screwed Carbon Steel	98.45	28.18
23 21 13 23-1026	EA	1-1/2" Cross, 2000 LB, Screwed Carbon Steel	194.55	39.42
23 21 13 23-1027	EA	2" Cross, 2000 LB, Screwed Carbon Steel	256.56	48.69
23 21 13 23-1028	EA	1/2" Cross, 3000 LB, Screwed Carbon Steel	75.53	21.90
23 21 13 23-1029	EA	3/4" Cross, 3000 LB, Screwed Carbon Steel	96.67	23.36
23 21 13 23-1030	EA	1" Cross, 3000 LB, Screwed Carbon Steel	114.56	28.18
23 21 13 23-1031	EA	1-1/2" Cross, 3000 LB, Screwed Carbon Steel	217.79	39.42
23 21 13 23-1032	EA	2" Cross, 3000 LB, Screwed Carbon Steel	298.98	48.69
23 21 13 23-1033	EA	1/2" Cross, 6000 LB, Screwed Carbon Steel	135.48	21.90
23 21 13 23-1034	EA	3/4" Cross, 6000 LB, Screwed Carbon Steel	260.31	23.36
23 21 13 23-1035	EA	1" Cross, 6000 LB, Screwed Carbon Steel	366.71	28.18
23 21 13 23-1036	EA	1-1/2" Cross, 6000 LB, Screwed Carbon Steel	592.75	39.42
23 21 13 23-1037	EA	2" Cross, 6000 LB, Screwed Carbon Steel	636.14	48.69
23 21 13 23-1038		**Straight Couplings, Screwed Carbon Steel** *(23 21 13 23-0959)*		
23 21 13 23-1039	EA	1/4" Coupling, Straight, 3000 LB, Screwed Carbon Steel	22.10	11.09
23 21 13 23-1040	EA	1/2" Coupling, Straight, 3000 LB, Screwed Carbon Steel	24.78	13.00
23 21 13 23-1041	EA	3/4" Coupling, Straight, 3000 LB, Screwed Carbon Steel	29.11	14.53
23 21 13 23-1042	EA	1" Coupling, Straight, 3000 LB, Screwed Carbon Steel	35.35	16.21
23 21 13 23-1043	EA	1-1/2" Coupling, Straight, 3000 LB, Screwed Carbon Steel	58.78	20.73
23 21 13 23-1044	EA	2" Coupling, Straight, 3000 LB, Screwed Carbon Steel	74.56	26.36
23 21 13 23-1045	EA	1/4" Coupling, Straight, 6000 LB, Screwed Carbon Steel	29.78	11.09
23 21 13 23-1046	EA	1/2" Coupling, Straight, 6000 LB, Screwed Carbon Steel	29.64	13.00
23 21 13 23-1047	EA	3/4" Coupling, Straight, 6000 LB, Screwed Carbon Steel	32.85	14.53
23 21 13 23-1048	EA	1" Coupling, Straight, 6000 LB, Screwed Carbon Steel	40.32	16.21
23 21 13 23-1049	EA	1-1/2" Coupling, Straight, 6000 LB, Screwed Carbon Steel	66.39	20.73
23 21 13 23-1050	EA	2" Coupling, Straight, 6000 LB, Screwed Carbon Steel	102.33	26.36

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1051		Reducing Couplings, Screwed Carbon Steel *(23 21 13 23-0959)*		
23 21 13 23-1052	EA	1/4" Coupling, Reducing, 3000 LB, Screwed Carbon Steel	23.17	11.83
23 21 13 23-1053	EA	1/2" Coupling, Reducing, 3000 LB, Screwed Carbon Steel	27.30	13.00
23 21 13 23-1054	EA	3/4" Coupling, Reducing, 3000 LB, Screwed Carbon Steel	32.96	14.53
23 21 13 23-1055	EA	1" Coupling, Reducing, 3000 LB, Screwed Carbon Steel	40.69	16.21
23 21 13 23-1056	EA	1-1/2" Coupling, Reducing, 3000 LB, Screwed Carbon Steel	60.17	20.73
23 21 13 23-1057	EA	2" Coupling, Reducing, 3000 LB, Screwed Carbon Steel	82.05	26.36
23 21 13 23-1058	EA	1/2" Coupling, Reducing, 6000 LB, Screwed Carbon Steel	125.70	13.00
23 21 13 23-1059	EA	3/4" Coupling, Reducing, 6000 LB, Screwed Carbon Steel	128.03	14.53
23 21 13 23-1060	EA	1" Coupling, Reducing, 6000 LB, Screwed Carbon Steel	151.50	16.21
23 21 13 23-1061	EA	1-1/2" Coupling, Reducing, 6000 LB, Screwed Carbon Steel	224.08	20.73
23 21 13 23-1062	EA	2" Coupling, Reducing, 6000 LB, Screwed Carbon Steel	330.14	26.36
23 21 13 23-1063		Caps, Screwed Carbon Steel *(23 21 13 23-0959)*		
23 21 13 23-1064	EA	1/4" Cap, 3000 LB, Screwed Carbon Steel	8.58	2.70
23 21 13 23-1065	EA	1/2" Cap, 3000 LB, Screwed Carbon Steel	9.46	3.06
23 21 13 23-1066	EA	3/4" Cap, 3000 LB, Screwed Carbon Steel	12.08	3.51
23 21 13 23-1067	EA	1" Cap, 3000 LB, Screwed Carbon Steel	16.60	4.09
23 21 13 23-1068	EA	1-1/2" Cap, 3000 LB, Screwed Carbon Steel	24.11	4.89
23 21 13 23-1069	EA	2" Cap, 3000 LB, Screwed Carbon Steel	35.29	6.05
23 21 13 23-1070	EA	1/4" Cap, 6000 LB, Screwed Carbon Steel	17.80	2.70
23 21 13 23-1071	EA	1/2" Cap, 6000 LB, Screwed Carbon Steel	15.37	3.06
23 21 13 23-1072	EA	3/4" Cap, 6000 LB, Screwed Carbon Steel	21.71	3.51
23 21 13 23-1073	EA	1" Cap, 6000 LB, Screwed Carbon Steel	23.64	4.09
23 21 13 23-1074	EA	1-1/2" Cap, 6000 LB, Screwed Carbon Steel	52.77	4.89
23 21 13 23-1075	EA	2" Cap, 6000 LB, Screwed Carbon Steel	63.19	6.05
23 21 13 23-1076		Nipples, Screwed Carbon Steel *(23 21 13 23-0959)*		
23 21 13 23-1077	EA	1/4" Nipple, 2" Long, Screwed Carbon Steel	13.87	6.64
23 21 13 23-1078	EA	1/2" Nipple, 2" Long, Screwed Carbon Steel	13.93	6.93
23 21 13 23-1079	EA	3/4" Nipple, 2" Long, Screwed Carbon Steel	13.70	6.93
23 21 13 23-1080	EA	1" Nipple, 2" Long, Screwed Carbon Steel	15.90	7.52
23 21 13 23-1081	EA	1-1/2" Nipple, 2" Long, Screwed Carbon Steel	19.22	8.10
23 21 13 23-1082	EA	2" Nipple, 2" Long, Screwed Carbon Steel	21.01	10.44
23 21 13 23-1083	EA	1/4" Nipple, 4" Long, Screwed Carbon Steel	15.63	6.64
23 21 13 23-1084	EA	1/2" Nipple, 4" Long, Screwed Carbon Steel	15.33	6.93
23 21 13 23-1085	EA	3/4" Nipple, 4" Long, Screwed Carbon Steel	15.28	6.93
23 21 13 23-1086	EA	1" Nipple, 4" Long, Screwed Carbon Steel	18.02	7.52
23 21 13 23-1087	EA	1-1/2" Nipple, 4" Long, Screwed Carbon Steel	23.01	8.10
23 21 13 23-1088	EA	2" Nipple, 4" Long, Screwed Carbon Steel	26.57	10.44
23 21 13 23-1089	EA	1/4" Nipple, 6" Long, Screwed Carbon Steel	19.84	6.64
23 21 13 23-1090	EA	1/2" Nipple, 6" Long, Screwed Carbon Steel	17.55	6.93
23 21 13 23-1091	EA	3/4" Nipple, 6" Long, Screwed Carbon Steel	17.75	6.93
23 21 13 23-1092	EA	1" Nipple, 6" Long, Screwed Carbon Steel	21.09	7.52
23 21 13 23-1093	EA	1-1/2" Nipple, 6" Long, Screwed Carbon Steel	28.21	8.10
23 21 13 23-1094	EA	2" Nipple, 6" Long, Screwed Carbon Steel	31.17	10.44
23 21 13 23-1095		Unions, Screwed Carbon Steel *(23 21 13 23-0959)*		
23 21 13 23-1096	EA	1/4" Union, 3000 LB, Screwed Carbon Steel	28.14	16.13
23 21 13 23-1097	EA	1/2" Union, 3000 LB, Screwed Carbon Steel	27.34	16.21
23 21 13 23-1098	EA	3/4" Union, 3000 LB, Screwed Carbon Steel	31.17	18.76
23 21 13 23-1099	EA	1" Union, 3000 LB, Screwed Carbon Steel	37.70	22.11
23 21 13 23-1100	EA	1-1/2" Union, 3000 LB, Screwed Carbon Steel	54.71	31.39
23 21 13 23-1101	EA	2" Union, 3000 LB, Screwed Carbon Steel	68.01	38.98
23 21 13 23-1102	EA	1/4" Union, 6000 LB, Screwed Carbon Steel	68.95	16.13
23 21 13 23-1103	EA	1/2" Union, 6000 LB, Screwed Carbon Steel	76.68	16.21
23 21 13 23-1104	EA	3/4" Union, 6000 LB, Screwed Carbon Steel	90.93	18.76
23 21 13 23-1105	EA	1" Union, 6000 LB, Screwed Carbon Steel	111.34	22.11
23 21 13 23-1106	EA	1-1/2" Union, 6000 LB, Screwed Carbon Steel	205.29	31.39
23 21 13 23-1107	EA	2" Union, 6000 LB, Screwed Carbon Steel	253.34	38.98
23 21 13 23-1108		Weld Neck Flanges, Screwed Carbon Steel *(23 21 13 23-0959)*		
23 21 13 23-1109	EA	1/2" Flange, 150 LB, Screwed Carbon Steel	66.94	30.14
23 21 13 23-1110	EA	3/4" Flange, 150 LB, Screwed Carbon Steel	69.82	31.60
23 21 13 23-1111	EA	1" Flange, 150 LB, Screwed Carbon Steel	71.89	32.99
23 21 13 23-1112	EA	1-1/2" Flange, 150 LB, Screwed Carbon Steel	78.89	37.16
23 21 13 23-1113	EA	2" Flange, 150 LB, Screwed Carbon Steel	81.32	38.76
23 21 13 23-1114	EA	1/2" Flange, 300 LB, Screwed Carbon Steel	68.31	30.14
		For Ring Type Joint, Add	*23.08*	
		For Blind Flange, Deduct	*-22.71*	
23 21 13 23-1115	EA	3/4" Flange, 300 LB, Screwed Carbon Steel	71.28	31.60
		For Ring Type Joint, Add	*23.86*	
		For Blind Flange, Deduct	*-23.74*	
23 21 13 23-1116	EA	1" Flange, 300 LB, Screwed Carbon Steel	74.11	32.99
		For Ring Type Joint, Add	*24.62*	
		For Blind Flange, Deduct	*-24.72*	
23 21 13 23-1117	EA	1-1/2" Flange, 300 LB, Screwed Carbon Steel	84.20	37.16
		For Ring Type Joint, Add	*28.48*	
		For Blind Flange, Deduct	*-27.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1118	EA	2" Flange, 300 LB, Screwed Carbon Steel	86.63	38.76
		For Ring Type Joint, Add	*28.48*	
		For Blind Flange, Deduct	*-28.96*	
23 21 13 23-1119	EA	1/2" Flange, 600 LB, Screwed Carbon Steel	77.39	30.14
		For Ring Type Joint, Add	*32.16*	
		For Blind Flange, Deduct	*-24.52*	
23 21 13 23-1120	EA	3/4" Flange, 600 LB, Screwed Carbon Steel	79.58	31.60
		For Ring Type Joint, Add	*32.16*	
		For Blind Flange, Deduct	*-25.40*	
23 21 13 23-1121	EA	1" Flange, 600 LB, Screwed Carbon Steel	83.12	32.99
		For Ring Type Joint, Add	*33.63*	
		For Blind Flange, Deduct	*-26.52*	
23 21 13 23-1122	EA	1-1/2" Flange, 600 LB, Screwed Carbon Steel	95.36	37.16
		For Ring Type Joint, Add	*39.64*	
		For Blind Flange, Deduct	*-30.22*	
23 21 13 23-1123	EA	2" Flange, 600 LB, Screwed Carbon Steel	95.05	38.76
		For Ring Type Joint, Add	*36.90*	
		For Blind Flange, Deduct	*-30.64*	

23 21 13 23-1124 Square Head Plugs, Screwed Carbon Steel *(23 21 13 23-0959)*

23 21 13 23-1125	EA	1/4" Square Head Plug, Screwed Carbon Steel	4.43	2.05
23 21 13 23-1126	EA	1/2" Square Head Plug, Screwed Carbon Steel	5.29	2.41
23 21 13 23-1127	EA	3/4" Square Head Plug, Screwed Carbon Steel	6.21	2.77
23 21 13 23-1128	EA	1" Square Head Plug, Screwed Carbon Steel	9.02	4.09
23 21 13 23-1129	EA	1-1/2" Square Head Plug, Screwed Carbon Steel	12.59	4.09
23 21 13 23-1130	EA	2" Square Head Plug, Screwed Carbon Steel	18.76	5.33

23 21 13 23-1131 Hex Head Plugs, Screwed Carbon Steel *(23 21 13 23-0959)*

23 21 13 23-1132	EA	1/4" Hex Head Plug, Screwed Carbon Steel	4.58	2.05
23 21 13 23-1133	EA	1/2" Hex Head Plug, Screwed Carbon Steel	5.61	2.41
23 21 13 23-1134	EA	3/4" Hex Head Plug, Screwed Carbon Steel	6.91	2.77
23 21 13 23-1135	EA	1" Hex Head Plug, Screwed Carbon Steel	10.20	4.09
23 21 13 23-1136	EA	1-1/2" Hex Head Plug, Screwed Carbon Steel	14.66	4.09
23 21 13 23-1137	EA	2" Hex Head Plug, Screwed Carbon Steel	25.00	5.33

23 21 13 23-1138 Round Head Plugs, Screwed Carbon Steel *(23 21 13 23-0959)*

23 21 13 23-1139	EA	1/4" Round Head Plug, Screwed Carbon Steel	6.32	2.05
23 21 13 23-1140	EA	1/2" Round Head Plug, Screwed Carbon Steel	6.19	2.41
23 21 13 23-1141	EA	3/4" Round Head Plug, Screwed Carbon Steel	7.01	2.77
23 21 13 23-1142	EA	1" Round Head Plug, Screwed Carbon Steel	10.67	4.09
23 21 13 23-1143	EA	1-1/2" Round Head Plug, Screwed Carbon Steel	17.33	4.09
23 21 13 23-1144	EA	2" Round Head Plug, Screwed Carbon Steel	24.68	5.33

23 21 13 23-1145 Hexagon Bushings, Screwed Carbon Steel *(23 21 13 23-0959)*

23 21 13 23-1146	EA	1/4" Hex Bushing, Screwed Carbon Steel	4.98	2.05
23 21 13 23-1147	EA	1/2" Hex Bushing, Screwed Carbon Steel	5.59	2.41
23 21 13 23-1148	EA	3/4" Hex Bushing, Screwed Carbon Steel	6.78	2.77
23 21 13 23-1149	EA	1" Hex Bushing, Screwed Carbon Steel	10.58	4.09
23 21 13 23-1150	EA	1-1/2" Hex Bushing, Screwed Carbon Steel	14.56	4.09
23 21 13 23-1151	EA	2" Hex Bushing, Screwed Carbon Steel	23.76	5.33

23 21 13 23-1152 90 Degree Street Elbows, Screwed Carbon Steel *(23 21 13 23-0959)*

23 21 13 23-1153	EA	1/4" 90 Degree Elbow, 3000 LB, Screwed Carbon Steel	36.05	11.09
23 21 13 23-1154	EA	1/2" 90 Degree Elbow, 3000 LB, Screwed Carbon Steel	40.28	13.00
23 21 13 23-1155	EA	3/4" 90 Degree Elbow, 3000 LB, Screwed Carbon Steel	48.56	14.53
23 21 13 23-1156	EA	1" 90 Degree Elbow, 3000 LB, Screwed Carbon Steel	58.57	16.21
23 21 13 23-1157	EA	1-1/2" 90 Degree Elbow, 3000 LB, Screwed Carbon Steel	104.34	20.73
23 21 13 23-1158	EA	2" 90 Degree Elbow, 3000 LB, Screwed Carbon Steel	144.12	26.36
23 21 13 23-1159	EA	1/2" 90 Degree Elbow, 6000 LB, Screwed Carbon Steel	68.17	13.00
23 21 13 23-1160	EA	3/4" 90 Degree Elbow, 6000 LB, Screwed Carbon Steel	105.27	14.53
23 21 13 23-1161	EA	1" 90 Degree Elbow, 6000 LB, Screwed Carbon Steel	153.47	16.21
23 21 13 23-1162	EA	1-1/2" 90 Degree Elbow, 6000 LB, Screwed Carbon Steel	365.40	20.73

23 21 13 23-1163 Screwed Carbon Steel Laterals *(23 21 13 23-0959)*

23 21 13 23-1164	EA	1/2" Lateral, Straight, 3000 LB, Screwed Carbon Steel	216.45	16.21
23 21 13 23-1165	EA	3/4" Lateral, Straight, 3000 LB, Screwed Carbon Steel	261.97	18.76
23 21 13 23-1166	EA	1" Lateral, Straight, 3000 LB, Screwed Carbon Steel	322.20	22.11
23 21 13 23-1167	EA	1-1/2" Lateral, Straight, 3000 LB, Screwed Carbon Steel	407.98	31.39
23 21 13 23-1168	EA	2" Lateral, Straight, 3000 LB, Screwed Carbon Steel	509.49	38.98
23 21 13 23-1169	EA	1/2" Lateral, Straight, 3000 LB, Screwed Carbon Steel	281.61	16.21
23 21 13 23-1170	EA	3/4" Lateral, Straight, 6000 LB, Screwed Carbon Steel	358.87	18.76
23 21 13 23-1171	EA	1" Lateral, Straight, 6000 LB, Screwed Carbon Steel	425.81	22.11
23 21 13 23-1172	EA	1-1/2" Lateral, Straight, 6000 LB, Screwed Carbon Steel	598.46	31.39

23 21 13 23-1173 Grooved-Joint Pipe *(23 21 13 23)*

Note: Includes grooving of pipe. Excludes hangers, elbow, tee, reducer fitting or couplings.

23 21 13 23-1174 Schedule 10 Black Grooved Pipe *(23 21 13 23-1173)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1175	LF	2" Black Schedule 10 Grooved Pipe	18.56	9.27
23 21 13 23-1176	LF	2-1/2" Black Schedule 10 Grooved Pipe	25.13	12.70
23 21 13 23-1177	LF	3" Black Schedule 10 Grooved Pipe	28.15	14.08
23 21 13 23-1178	LF	3-1/2" Black Schedule 10 Grooved Pipe	30.92	14.60
23 21 13 23-1179	LF	4" Black Schedule 10 Grooved Pipe	32.96	15.84
23 21 13 23-1180	LF	5" Black Schedule 10 Grooved Pipe	45.27	19.41
23 21 13 23-1181	LF	6" Black Schedule 10 Grooved Pipe	59.47	27.59
23 21 13 23-1182	LF	8" Black Schedule 10 Grooved Pipe	78.38	30.95
23 21 13 23-1183	LF	10" Black Schedule 10 Grooved Pipe	97.64	37.30
23 21 13 23-1184	LF	12" Black Schedule 10 Grooved Pipe	112.32	42.26

23 21 13 23-1185 Schedule 40 Black Grooved Pipe *(23 21 13 23-1173)*

23 21 13 23-1186	LF	3/4" Black Schedule 40 Grooved Pipe	11.15	5.62
23 21 13 23-1187	LF	1" Black Schedule 40 Grooved Pipe	12.59	6.35
23 21 13 23-1188	LF	1-1/4" Black Schedule 40 Grooved Pipe	14.19	6.86
23 21 13 23-1189	LF	1-1/2" Black Schedule 40 Grooved Pipe	16.14	7.81
23 21 13 23-1190	LF	2" Black Schedule 40 Grooved Pipe	20.38	9.92
23 21 13 23-1191	LF	2-1/2" Black Schedule 40 Grooved Pipe	28.28	13.58
23 21 13 23-1192	LF	3" Black Schedule 40 Grooved Pipe	33.15	15.47
23 21 13 23-1193	LF	4" Black Schedule 40 Grooved Pipe	39.90	17.23
23 21 13 23-1194	LF	5" Black Schedule 40 Grooved Pipe	53.76	20.95
23 21 13 23-1195	LF	6" Black Schedule 40 Grooved Pipe	73.18	30.22
23 21 13 23-1196	LF	8" Black Schedule 40 Grooved Pipe	94.68	34.23
23 21 13 23-1197	LF	10" Black Schedule 40 Grooved Pipe	127.81	40.88
23 21 13 23-1198	LF	12" Black Schedule 40 Grooved Pipe	150.04	46.94
23 21 13 23-1199	LF	14" Black Schedule 40 Grooved Pipe	198.65	63.43
23 21 13 23-1200	LF	16" Black Schedule 40 Grooved Pipe	230.89	74.60
23 21 13 23-1201	LF	18" Black Schedule 40 Grooved Pipe	285.79	90.59
23 21 13 23-1202	LF	20" Black Schedule 40 Grooved Pipe	330.06	105.62
23 21 13 23-1203	LF	24" Black Schedule 40 Grooved Pipe	426.70	126.80

23 21 13 23-1204 Schedule 80 Black Grooved Pipe *(23 21 13 23-1173)*

23 21 13 23-1205	LF	3/4" Black Schedule 80 Grooved Pipe	12.22	6.14
23 21 13 23-1206	LF	1" Black Schedule 80 Grooved Pipe	13.44	6.50
23 21 13 23-1207	LF	1-1/4" Black Schedule 80 Grooved Pipe	15.60	7.22
23 21 13 23-1208	LF	1-1/2" Black Schedule 80 Grooved Pipe	17.71	8.10
23 21 13 23-1209	LF	2" Black Schedule 80 Grooved Pipe	22.91	10.44
23 21 13 23-1210	LF	2-1/2" Black Schedule 80 Grooved Pipe	32.09	14.38
23 21 13 23-1211	LF	3" Black Schedule 80 Grooved Pipe	37.86	16.13
23 21 13 23-1212	LF	4" Black Schedule 80 Grooved Pipe	46.43	17.59
23 21 13 23-1213	LF	5" Black Schedule 80 Grooved Pipe	68.89	22.11
23 21 13 23-1214	LF	6" Black Schedule 80 Grooved Pipe	90.89	31.68
23 21 13 23-1215	LF	8" Black Schedule 80 Grooved Pipe	131.26	36.21
23 21 13 23-1216	LF	10" Black Schedule 80 Grooved Pipe	162.78	43.72
23 21 13 23-1217	LF	12" Black Schedule 80 Grooved Pipe	174.35	52.85

23 21 13 23-1218 Schedule 40 Galvanized Grooved Pipe *(23 21 13 23-1173)*

23 21 13 23-1219	LF	3/4" Galvanized Schedule 40 Grooved Pipe	11.52	5.62
23 21 13 23-1220	LF	1" Galvanized Schedule 40 Grooved Pipe	13.29	6.35
23 21 13 23-1221	LF	1-1/4" Galvanized Schedule 40 Grooved Pipe	14.76	6.86
23 21 13 23-1222	LF	1-1/2" Galvanized Schedule 40 Grooved Pipe	16.79	7.81
23 21 13 23-1223	LF	2" Galvanized Schedule 40 Grooved Pipe	21.26	9.92
23 21 13 23-1224	LF	2-1/2" Galvanized Schedule 40 Grooved Pipe	29.65	13.58
23 21 13 23-1225	LF	3" Galvanized Schedule 40 Grooved Pipe	34.98	15.47
23 21 13 23-1226	LF	4" Galvanized Schedule 40 Grooved Pipe	42.48	17.23
23 21 13 23-1227	LF	5" Galvanized Schedule 40 Grooved Pipe	58.52	20.95
23 21 13 23-1228	LF	6" Galvanized Schedule 40 Grooved Pipe	79.62	30.22
23 21 13 23-1229	LF	8" Galvanized Schedule 40 Grooved Pipe	103.66	34.23
23 21 13 23-1230	LF	10" Galvanized Schedule 40 Grooved Pipe	143.47	40.88
23 21 13 23-1231	LF	12" Galvanized Schedule 40 Grooved Pipe	168.98	46.94

23 21 13 23-1232 Schedule 80 Galvanized Grooved Pipe *(23 21 13 23-1173)*

23 21 13 23-1233	LF	3/4" Galvanized Schedule 80 Grooved Pipe	12.42	6.14
23 21 13 23-1234	LF	1" Galvanized Schedule 80 Grooved Pipe	15.65	6.50
23 21 13 23-1235	LF	1-1/4" Galvanized Schedule 80 Grooved Pipe	16.06	7.22
23 21 13 23-1236	LF	1-1/2" Galvanized Schedule 80 Grooved Pipe	20.71	8.61
23 21 13 23-1237	LF	2" Galvanized Schedule 80 Grooved Pipe	23.68	10.44
23 21 13 23-1238	LF	2-1/2" Galvanized Schedule 80 Grooved Pipe	33.35	14.38
23 21 13 23-1239	LF	3" Galvanized Schedule 80 Grooved Pipe	39.71	16.13
23 21 13 23-1240	LF	4" Galvanized Schedule 80 Grooved Pipe	49.01	17.59
23 21 13 23-1241	LF	5" Galvanized Schedule 80 Grooved Pipe	72.22	22.11
23 21 13 23-1242	LF	6" Galvanized Schedule 80 Grooved Pipe	94.68	31.68
23 21 13 23-1243	LF	8" Galvanized Schedule 80 Grooved Pipe	137.57	36.21
23 21 13 23-1244	LF	10" Galvanized Schedule 80 Grooved Pipe	163.94	43.72
23 21 13 23-1245	LF	12" Galvanized Schedule 80 Grooved Pipe	181.68	52.85

23 21 13 23-1246 Painted Grooved-Joint Pipe Fittings *(23 21 13 23)*

Note: Couplings are not included with fittings.

23 21 13 23-1247 Grooved Elbows *(23 21 13 23-1246)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1248		90 Degree Grooved Elbows *(23 21 13 23-1247)* Note: Victaulic No. 10		
23 21 13 23-1249	EA	3/4" 90 Degree Elbow, Ductile Iron, Grooved	37.84	7.96
		For Galvanized Fittings, Add	*8.55*	
23 21 13 23-1250	EA	1" 90 Degree Elbow, Ductile Iron, Grooved	37.84	7.96
		For Galvanized Fittings, Add	*8.55*	
23 21 13 23-1251	EA	1-1/4" 90 Degree Elbow, Ductile Iron, Grooved	40.82	9.92
		For Galvanized Fittings, Add	*8.55*	
23 21 13 23-1252	EA	1-1/2" 90 degree Elbow, Ductile Iron, Grooved	43.98	12.05
		For Galvanized Fittings, Add	*8.55*	
23 21 13 23-1253	EA	2" 90 Degree Elbow, Ductile Iron, Grooved	49.77	15.92
		For Galvanized Fittings, Add	*8.55*	
23 21 13 23-1254	EA	2-1/2" 90 Degree Elbow, Ductile Iron, Grooved	54.97	19.41
		For Galvanized Fittings, Add	*8.55*	
23 21 13 23-1255	EA	3" 90 Degree Elbow, Ductile Iron, Grooved	81.26	23.50
		For Galvanized Fittings, Add	*15.19*	
23 21 13 23-1256	EA	4" 90 Degree Elbow, Ductile Iron, Grooved	96.63	31.02
		For Galvanized Fittings, Add	*16.55*	
23 21 13 23-1257	EA	5" 90 Degree Elbow, Ductile Iron, Grooved	180.17	38.76
		For Galvanized Fittings, Add	*40.28*	
23 21 13 23-1258	EA	6" 90 Degree Elbow, Ductile Iron, Grooved	217.88	50.74
		For Galvanized Fittings, Add	*46.81*	
23 21 13 23-1259	EA	8" 90 Degree Elbow, Ductile Iron, Grooved	389.06	60.37
		For Galvanized Fittings, Add	*98.52*	
23 21 13 23-1260	EA	10" 90 Degree Elbow, Ductile Iron, Grooved	570.73	70.44
		For Galvanized Fittings, Add	*153.49*	
23 21 13 23-1261	EA	12" 90 Degree Elbow, Ductile Iron, Grooved	872.25	84.53
		For Galvanized Fittings, Add	*246.02*	
23 21 13 23-1262	EA	14" 90 Degree Elbow, Steel, Grooved	1,693.48	95.41
		For Galvanized Fittings, Add	*511.64*	
23 21 13 23-1263	EA	16" 90 Degree Elbow, Steel, Grooved	2,187.12	105.62
		For Galvanized Fittings, Add	*669.48*	
23 21 13 23-1264	EA	18" 90 Degree Elbow, Steel, Grooved	2,746.01	115.40
		For Galvanized Fittings, Add	*849.10*	
23 21 13 23-1265	EA	20" 90 Degree Elbow, Steel, Grooved	3,561.19	120.01
		For Galvanized Fittings, Add	*1,115.80*	
23 21 13 23-1266	EA	24" 90 Degree Elbow, Steel, Grooved	5,078.34	141.90
		For Galvanized Fittings, Add	*1,605.66*	
23 21 13 23-1267		45 Degree Grooved Elbows *(23 21 13 23-1247)* Note: Victaulic No. 11		
23 21 13 23-1268	EA	3/4" 45 Degree Elbow, Ductile Iron, Grooved	37.83	7.96
		For Galvanized Fittings, Add	*6.22*	
23 21 13 23-1269	EA	1" 45 Degree Elbow, Ductile Iron, Grooved	37.83	7.96
		For Galvanized Fittings, Add	*6.22*	
23 21 13 23-1270	EA	1-1/4" 45 Degree Elbow, Ductile Iron, Grooved	40.81	9.92
		For Galvanized Fittings, Add	*6.22*	
23 21 13 23-1271	EA	1-1/2" 45 degree Elbow, Ductile Iron, Grooved	43.97	12.05
		For Galvanized Fittings, Add	*6.22*	
23 21 13 23-1272	EA	2" 45 Degree Elbow, Ductile Iron, Grooved	49.76	15.92
		For Galvanized Fittings, Add	*6.22*	
23 21 13 23-1273	EA	2-1/2" 45 Degree Elbow, Ductile Iron, Grooved	54.96	19.41
		For Galvanized Fittings, Add	*6.22*	
23 21 13 23-1274	EA	3" 45 Degree Elbow, Ductile Iron, Grooved	81.24	23.50
		For Galvanized Fittings, Add	*11.04*	
23 21 13 23-1275	EA	4" 45 Degree Elbow, Ductile Iron, Grooved	96.63	31.02
		For Galvanized Fittings, Add	*12.03*	
23 21 13 23-1276	EA	5" 45 Degree Elbow, Ductile Iron, Grooved	180.17	38.76
		For Galvanized Fittings, Add	*29.29*	
23 21 13 23-1277	EA	6" 45 Degree Elbow, Ductile Iron, Grooved	217.88	50.74
		For Galvanized Fittings, Add	*34.04*	
23 21 13 23-1278	EA	8" 45 Degree Elbow, Ductile Iron, Grooved	389.06	60.37
		For Galvanized Fittings, Add	*71.65*	
23 21 13 23-1279	EA	10" 45 Degree Elbow, Ductile Iron, Grooved	570.73	70.44
		For Galvanized Fittings, Add	*111.63*	
23 21 13 23-1280	EA	12" 45 Degree Elbow, Ductile Iron, Grooved	872.25	84.53
		For Galvanized Fittings, Add	*178.92*	
23 21 13 23-1281	EA	14" 45 Degree Elbow, Steel, Grooved	1,693.48	95.41
		For Galvanized Fittings, Add	*372.10*	
23 21 13 23-1282	EA	16" 45 Degree Elbow, Steel, Grooved	2,187.12	105.62
		For Galvanized Fittings, Add	*486.90*	
23 21 13 23-1283	EA	18" 45 Degree Elbow, Steel, Grooved	2,746.01	115.40
		For Galvanized Fittings, Add	*617.52*	
23 21 13 23-1284	EA	20" 45 Degree Elbow, Steel, Grooved	3,561.51	120.22
		For Galvanized Fittings, Add	*811.49*	
23 21 13 23-1285	EA	24" 45 Degree Elbow, Steel, Grooved	5,078.34	141.90
		For Galvanized Fittings, Add	*1,167.76*	
23 21 13 23-1286		22-1/2 Degree Grooved Elbows *(23 21 13 23-1247)* Note: Victaulic No. 12		
23 21 13 23-1287	EA	1" 22-1/2 Degree Elbow, Ductile Iron, Grooved	39.53	7.96
		For Galvanized Fittings, Add	*6.62*	
23 21 13 23-1288	EA	1-1/4" 22-1/2 Degree Elbow, Ductile Iron, Grooved	42.51	9.92
		For Galvanized Fittings, Add	*6.62*	
23 21 13 23-1289	EA	1-1/2" 22-1/2 Degree Elbow, Ductile Iron, Grooved	45.67	12.05
		For Galvanized Fittings, Add	*6.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1290	EA	2" 22-1/2 Degree Elbow, Ductile Iron, Grooved	51.46	15.92
		For Galvanized Fittings, Add	*6.62*	
23 21 13 23-1291	EA	2-1/2" 22-1/2 Degree Elbow, Ductile Iron, Grooved	56.66	19.41
		For Galvanized Fittings, Add	*6.62*	
23 21 13 23-1292	EA	3" 22-1/2 Degree Elbow, Ductile Iron, Grooved	75.59	23.50
		For Galvanized Fittings, Add	*9.69*	
23 21 13 23-1293	EA	4" 22-1/2 Degree Elbow, Ductile Iron, Grooved	100.62	31.02
		For Galvanized Fittings, Add	*12.99*	
23 21 13 23-1294	EA	5" 22-1/2 Degree Elbow, Steel, Grooved	225.98	38.76
		For Galvanized Fittings, Add	*40.29*	
23 21 13 23-1295	EA	6" 22-1/2 Degree Elbow, Ductile Iron, Grooved	229.38	50.74
		For Galvanized Fittings, Add	*36.80*	
23 21 13 23-1296	EA	8" 22-1/2 Degree Elbow, Ductile Iron, Grooved	411.37	60.37
		For Galvanized Fittings, Add	*77.00*	
23 21 13 23-1297	EA	10" 22-1/2 Degree Elbow, Steel, Grooved	546.10	70.44
		For Galvanized Fittings, Add	*105.72*	
23 21 13 23-1298	EA	12" 22-1/2 Degree Elbow, Steel, Grooved	722.24	84.53
		For Galvanized Fittings, Add	*142.92*	
23 21 13 23-1299	EA	14" 22-1/2 Degree Elbow, Steel, Grooved	830.90	95.41
		For Galvanized Fittings, Add	*165.08*	
23 21 13 23-1300	EA	16" 22-1/2 Degree Elbow, Steel, Grooved	983.35	105.62
		For Galvanized Fittings, Add	*197.99*	
23 21 13 23-1301	EA	18" 22-1/2 Degree Elbow, Steel, Grooved	1,172.07	115.40
		For Galvanized Fittings, Add	*239.78*	
23 21 13 23-1302	EA	20" 22-1/2 Degree Elbow, Steel, Grooved	1,361.15	120.01
		For Galvanized Fittings, Add	*283.48*	
23 21 13 23-1303	EA	24" 22-1/2 Degree Elbow, Steel, Grooved	1,799.95	141.90
		For Galvanized Fittings, Add	*380.94*	

23 21 13 23-1304 11-1/4 Degree Grooved Elbows *(23 21 13 23-1247)*

Note: Victaulic No. 13

23 21 13 23-1305	EA	1" 11-1/4 Degree Elbow, Ductile Iron, Grooved	39.53	7.96
		For Galvanized Fittings, Add	*6.62*	
23 21 13 23-1306	EA	1-1/4" 11-1/4 Degree Elbow, Ductile Iron, Grooved	42.51	9.92
		For Galvanized Fittings, Add	*6.62*	
23 21 13 23-1307	EA	1-1/2" 11-1/4 Degree Elbow, Ductile Iron, Grooved	45.67	12.05
		For Galvanized Fittings, Add	*6.62*	
23 21 13 23-1308	EA	2" 11-1/4 Degree Elbow, Ductile Iron, Grooved	51.46	15.92
		For Galvanized Fittings, Add	*6.62*	
23 21 13 23-1309	EA	2-1/2" 11-1/4 Degree Elbow, Ductile Iron, Grooved	56.66	19.41
		For Galvanized Fittings, Add	*6.62*	
23 21 13 23-1310	EA	3" 11-1/4 Degree Elbow, Ductile Iron, Grooved	75.59	23.50
		For Galvanized Fittings, Add	*9.69*	
23 21 13 23-1311	EA	4" 11-1/4 Degree Elbow, Ductile Iron, Grooved	100.62	31.02
		For Galvanized Fittings, Add	*12.99*	
23 21 13 23-1312	EA	5" 11-1/4 Degree Elbow, Steel, Grooved	225.97	38.76
		For Galvanized Fittings, Add	*40.28*	
23 21 13 23-1313	EA	6" 11-1/4 Degree Elbow, Ductile Iron, Grooved	229.37	50.74
		For Galvanized Fittings, Add	*36.80*	
23 21 13 23-1314	EA	8" 11-1/4 Degree Elbow, Ductile Iron, Grooved	411.35	60.37
		For Galvanized Fittings, Add	*77.00*	
23 21 13 23-1315	EA	10" 11-1/4 Degree Elbow, Steel, Grooved	546.08	70.44
		For Galvanized Fittings, Add	*105.71*	
23 21 13 23-1316	EA	12" 11-1/4 Degree Elbow, Steel, Grooved	722.21	84.53
		For Galvanized Fittings, Add	*142.92*	
23 21 13 23-1317	EA	14" 11-1/4 Degree Elbow, Steel, Grooved	830.87	95.41
		For Galvanized Fittings, Add	*165.07*	
23 21 13 23-1318	EA	16" 11-1/4 Degree Elbow, Steel, Grooved	983.33	105.70
		For Galvanized Fittings, Add	*197.98*	
23 21 13 23-1319	EA	18" 11-1/4 Degree Elbow, Steel, Grooved	1,172.01	115.40
		For Galvanized Fittings, Add	*239.77*	
23 21 13 23-1320	EA	20" 11-1/4 Degree Elbow, Steel, Grooved	1,361.09	120.01
		For Galvanized Fittings, Add	*283.47*	
23 21 13 23-1321	EA	24" 11-1/4 Degree Elbow, Steel, Grooved	1,799.86	141.90
		For Galvanized Fittings, Add	*380.92*	

23 21 13 23-1322 90 Degree Grooved Long Radius Elbows *(23 21 13 23-1247)*

Note: Victaulic No. 100

23 21 13 23-1323	EA	2" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	83.10	15.92
		For Galvanized Fittings, Add	*14.22*	
23 21 13 23-1324	EA	2-1/2" 90 Degree Long Radius Elbow, Steel, Grooved	200.96	19.41
		For Galvanized Fittings, Add	*41.26*	
23 21 13 23-1325	EA	3" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	94.46	23.50
		For Galvanized Fittings, Add	*14.22*	
23 21 13 23-1326	EA	4" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	135.24	31.02
		For Galvanized Fittings, Add	*21.30*	
23 21 13 23-1327	EA	5" 90 Degree Long Radius Elbow, Steel Grooved	513.00	38.76
		For Galvanized Fittings, Add	*109.17*	
23 21 13 23-1328	EA	6" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	335.65	50.74
		For Galvanized Fittings, Add	*62.31*	
23 21 13 23-1329	EA	8" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	713.26	60.37
		For Galvanized Fittings, Add	*149.46*	
23 21 13 23-1330	EA	10" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	1,396.81	70.44
		For Galvanized Fittings, Add	*309.89*	
23 21 13 23-1331	EA	12" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	1,666.48	84.53
		For Galvanized Fittings, Add	*369.54*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1332		Grooved Tees, Wyes And Crosses *(23 21 13 23-1246)*		
23 21 13 23-1333		Grooved Tees *(23 21 13 23-1332)* Note: Victaulic No. 20		
23 21 13 23-1334	EA	3/4" Tee, Ductile Iron, Grooved	55.30	10.44
		For Galvanized Fittings, Add	*11.88*	
23 21 13 23-1335	EA	1" Tee, Ductile Iron, Grooved	57.67	12.05
		For Galvanized Fittings, Add	*11.88*	
23 21 13 23-1336	EA	1-1/4" Tee, Ductile Iron, Grooved	61.68	14.75
		For Galvanized Fittings, Add	*11.88*	
23 21 13 23-1337	EA	1-1/2" Tee, Ductile Iron, Grooved	66.71	18.10
		For Galvanized Fittings, Add	*11.88*	
23 21 13 23-1338	EA	2" Tee, Ductile Iron, Grooved	74.68	23.43
		For Galvanized Fittings, Add	*11.88*	
23 21 13 23-1339	EA	2-1/2" Tee, Ductile Iron, Grooved	82.65	28.69
		For Galvanized Fittings, Add	*11.88*	
23 21 13 23-1340	EA	3" Tee, Ductile Iron, Grooved	108.30	35.26
		For Galvanized Fittings, Add	*16.64*	
23 21 13 23-1341	EA	4" Tee, Ductile Iron, Grooved	153.47	45.62
		For Galvanized Fittings, Add	*25.53*	
23 21 13 23-1342	EA	5" Tee, Ductile Iron, Grooved	289.04	59.64
		For Galvanized Fittings, Add	*59.89*	
23 21 13 23-1343	EA	6" Tee, Ductile Iron, Grooved	342.54	74.60
		For Galvanized Fittings, Add	*69.22*	
23 21 13 23-1344	EA	8" Tee, Ductile Iron, Grooved	639.77	90.59
		For Galvanized Fittings, Add	*151.19*	
23 21 13 23-1345	EA	10" Tee, Ductile Iron, Grooved	1,058.37	105.62
		For Galvanized Fittings, Add	*269.99*	
23 21 13 23-1346	EA	12" Tee, Ductile Iron, Grooved	1,450.04	126.80
		For Galvanized Fittings, Add	*377.98*	
23 21 13 23-1347	EA	14" Tee, Steel, Grooved	1,585.69	140.88
		For Galvanized Fittings, Add	*412.34*	
23 21 13 23-1348	EA	16" Tee, Steel, Grooved	1,963.25	141.69
		For Galvanized Fittings, Add	*525.25*	
23 21 13 23-1349	EA	18" Tee, Steel, Grooved	2,426.91	156.29
		For Galvanized Fittings, Add	*657.79*	
23 21 13 23-1350	EA	20" Tee, Steel, Grooved	3,379.66	158.77
		For Galvanized Fittings, Add	*942.50*	
23 21 13 23-1351	EA	24" Tee, Steel, Grooved	5,119.50	195.04
		For Galvanized Fittings, Add	*1,448.12*	
23 21 13 23-1352		Grooved Wyes (90 Degree True Wye) *(23 21 13 23-1332)* Note: Victaulic No. 33		
23 21 13 23-1353	EA	1" Wye, Steel, Grooved	185.15	12.05
		For Galvanized Fittings, Add	*26.73*	
23 21 13 23-1354	EA	1-1/4" Wye, Steel, Grooved	189.16	14.75
		For Galvanized Fittings, Add	*26.73*	
23 21 13 23-1355	EA	1-1/2" Wye, Steel, Grooved	194.19	18.10
		For Galvanized Fittings, Add	*26.73*	
23 21 13 23-1356	EA	2" Wye, Steel, Grooved	202.16	23.43
		For Galvanized Fittings, Add	*26.73*	
23 21 13 23-1357	EA	2-1/2" Wye, Steel, Grooved	210.13	28.69
		For Galvanized Fittings, Add	*26.73*	
23 21 13 23-1358	EA	3" Wye, Steel, Grooved	252.54	35.26
		For Galvanized Fittings, Add	*31.95*	
23 21 13 23-1359	EA	4" Wye, Steel, Grooved	329.97	45.62
		For Galvanized Fittings, Add	*41.85*	
23 21 13 23-1360	EA	5" Wye, Steel, Grooved	464.36	59.64
		For Galvanized Fittings, Add	*59.99*	
23 21 13 23-1361	EA	6" Wye, Steel, Grooved	575.74	74.60
		For Galvanized Fittings, Add	*74.23*	
23 21 13 23-1362	EA	8" Wye, Steel, Grooved	803.96	90.59
		For Galvanized Fittings, Add	*106.91*	
23 21 13 23-1363	EA	10" Wye, Steel, Grooved	1,311.67	105.62
		For Galvanized Fittings, Add	*184.52*	
23 21 13 23-1364	EA	12" Wye, Steel, Grooved	1,464.18	126.80
		For Galvanized Fittings, Add	*203.85*	
23 21 13 23-1365	EA	14" Wye, Steel, Grooved	1,666.07	140.88
		For Galvanized Fittings, Add	*232.78*	
23 21 13 23-1366	EA	16" Wye, Steel, Grooved	2,101.87	141.54
		For Galvanized Fittings, Add	*302.35*	
23 21 13 23-1367	EA	18" Wye, Steel, Grooved	2,396.13	156.43
		For Galvanized Fittings, Add	*345.85*	
23 21 13 23-1368	EA	20" Wye, Steel, Grooved	3,372.62	158.47
		For Galvanized Fittings, Add	*501.60*	
23 21 13 23-1369	EA	24" Wye, Steel, Grooved	5,166.49	195.04
		For Galvanized Fittings, Add	*779.85*	
23 21 13 23-1370		Grooved Crosses *(23 21 13 23-1332)* Note: Victaulic No. 35		
23 21 13 23-1371	EA	3/4" Cross, Steel, Grooved	131.71	15.70
		For Galvanized Fittings, Add	*16.23*	
23 21 13 23-1372	EA	1" Cross, Steel, Grooved	135.28	18.10
		For Galvanized Fittings, Add	*16.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1373	EA	1-1/4" Cross, Steel, Grooved	163.69	22.11
		For Galvanized Fittings, Add	*19.58*	
23 21 13 23-1374	EA	1-1/2" Cross, Steel, Grooved	181.34	27.15
		For Galvanized Fittings, Add	*21.10*	
23 21 13 23-1375	EA	2" Cross, Steel, Grooved	132.12	35.11
		For Galvanized Fittings, Add	*11.93*	
23 21 13 23-1376	EA	2-1/2" Cross, Steel, Grooved	144.08	43.07
		For Galvanized Fittings, Add	*11.93*	
23 21 13 23-1377	EA	3" Cross, Steel, Grooved	222.11	52.85
		For Galvanized Fittings, Add	*21.43*	
23 21 13 23-1378	EA	4" Cross, Steel, Grooved	340.37	68.40
		For Galvanized Fittings, Add	*35.67*	
23 21 13 23-1379	EA	5" Cross, Steel, Grooved	619.93	89.42
		For Galvanized Fittings, Add	*72.87*	
23 21 13 23-1380	EA	6" Cross, Steel, Grooved	792.79	111.90
		For Galvanized Fittings, Add	*93.76*	
23 21 13 23-1381	EA	8" Cross, Steel, Grooved	1,026.88	135.85
		For Galvanized Fittings, Add	*123.48*	
23 21 13 23-1382	EA	10" Cross, Steel, Grooved	1,641.64	158.47
		For Galvanized Fittings, Add	*210.60*	
23 21 13 23-1383	EA	12" Cross, Steel, Grooved	2,311.26	190.23
		For Galvanized Fittings, Add	*303.92*	
23 21 13 23-1384	EA	14" Cross, Steel, Grooved	2,415.99	211.32
		For Galvanized Fittings, Add	*314.87*	
23 21 13 23-1385	EA	16" Cross, Steel, Grooved	3,064.69	212.56
		For Galvanized Fittings, Add	*411.91*	
23 21 13 23-1386	EA	18" Cross, Steel, Grooved	3,717.41	234.39
		For Galvanized Fittings, Add	*504.90*	
23 21 13 23-1387	EA	20" Cross, Steel, Grooved	5,125.57	238.04
		For Galvanized Fittings, Add	*715.30*	
23 21 13 23-1388	EA	24" Cross, Steel, Grooved	7,800.45	292.57
		For Galvanized Fittings, Add	*1,104.27*	

23 21 13 23-1389 Grooved Reducing Tees *(23 21 13 23-1332)*

Note: Victaulic No. 25

23 21 13 23-1390	EA	1" Reducing Tee, Steel, Grooved	94.47	12.05
		For Galvanized Fittings, Add	*15.28*	
23 21 13 23-1391	EA	1-1/4" Reducing Tee, Steel, Grooved	100.88	14.75
		For Galvanized Fittings, Add	*15.76*	
23 21 13 23-1392	EA	1-1/2" Reducing Tee, Steel, Grooved	107.88	18.10
		For Galvanized Fittings, Add	*16.15*	
23 21 13 23-1393	EA	2" Reducing Tee, Steel, Grooved	129.64	23.43
		For Galvanized Fittings, Add	*18.91*	
23 21 13 23-1394	EA	2-1/2" Reducing Tee, Steel, Grooved	147.34	28.69
		For Galvanized Fittings, Add	*20.86*	
23 21 13 23-1395	EA	3" Reducing Tee, Steel, Grooved	166.98	35.26
		For Galvanized Fittings, Add	*22.83*	
23 21 13 23-1396	EA	4" Reducing Tee, Steel, Grooved	222.32	45.62
		For Galvanized Fittings, Add	*30.79*	
23 21 13 23-1397	EA	5" Reducing Tee, Steel, Grooved	292.68	59.64
		For Galvanized Fittings, Add	*40.65*	
23 21 13 23-1398	EA	6" Reducing Tee, Steel, Grooved	397.77	74.60
		For Galvanized Fittings, Add	*57.19*	
23 21 13 23-1399	EA	8" Reducing Tee, Steel, Grooved	607.61	90.59
		For Galvanized Fittings, Add	*94.36*	
23 21 13 23-1400	EA	10" Reducing Tee, Steel, Grooved	853.97	105.62
		For Galvanized Fittings, Add	*139.11*	
23 21 13 23-1401	EA	12" Reducing Tee, Steel, Grooved	1,216.16	126.80
		For Galvanized Fittings, Add	*205.21*	
23 21 13 23-1402	EA	14" Reducing Tee, Steel, Grooved	1,376.60	140.88
		For Galvanized Fittings, Add	*233.08*	
23 21 13 23-1403	EA	16" Reducing Tee, Steel, Grooved	1,726.25	141.69
		For Galvanized Fittings, Add	*302.76*	
23 21 13 23-1404	EA	18" Reducing Tee, Steel, Grooved	2,087.54	156.29
		For Galvanized Fittings, Add	*370.66*	
23 21 13 23-1405	EA	20" Reducing Tee, Steel, Grooved	2,888.45	158.69
		For Galvanized Fittings, Add	*530.10*	
23 21 13 23-1406	EA	24" Reducing Tee, Steel, Grooved	4,561.89	195.04
		For Galvanized Fittings, Add	*853.89*	

23 21 13 23-1407 Grooved 45 Degree Lateral Wyes *(23 21 13 23-1332)*

Note: Victaulic No. 30

23 21 13 23-1408	EA	3/4" 45 Degree Lateral Wye, Steel, Grooved	173.92	10.44
		For Galvanized Fittings, Add	*28.48*	
23 21 13 23-1409	EA	1" 45 Degree Lateral Wye, Steel, Grooved	176.29	12.05
		For Galvanized Fittings, Add	*28.48*	
23 21 13 23-1410	EA	1-1/4" 45 Degree Lateral Wye, Steel, Grooved	180.30	14.75
		For Galvanized Fittings, Add	*28.48*	
23 21 13 23-1411	EA	1-1/2" 45 Degree Lateral Wye, Steel, Grooved	185.33	18.10
		For Galvanized Fittings, Add	*28.48*	
23 21 13 23-1412	EA	2" 45 Degree Lateral Wye, Steel, Grooved	193.30	23.43
		For Galvanized Fittings, Add	*28.48*	
23 21 13 23-1413	EA	2-1/2" Wye, 45 Degree Lateral, Steel, Grooved	201.27	28.69
		For Galvanized Fittings, Add	*28.48*	
23 21 13 23-1414	EA	3" Wye, 45 Degree Lateral, Steel, Grooved	189.52	35.26
		For Galvanized Fittings, Add	*24.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1415	EA	3-1/2" Wye, 45 Degree Lateral, Steel, Grooved	292.49	40.66
		For Galvanized Fittings, Add	*41.68*	
23 21 13 23-1416	EA	4" 45 Degree Lateral Wye, Steel, Grooved	337.95	45.62
		For Galvanized Fittings, Add	*48.52*	
23 21 13 23-1417	EA	5" 45 Degree Lateral Wye, Steel, Grooved	483.38	59.64
		For Galvanized Fittings, Add	*70.91*	
23 21 13 23-1418	EA	6" 45 Degree Lateral Wye, Steel, Grooved	746.57	74.60
		For Galvanized Fittings, Add	*114.26*	
23 21 13 23-1419	EA	8" 45 Degree Lateral Wye, Steel, Grooved	1,050.07	90.59
		For Galvanized Fittings, Add	*164.57*	
23 21 13 23-1420	EA	10" 45 Degree Lateral Wye, Steel, Grooved	1,448.89	105.62
		For Galvanized Fittings, Add	*232.29*	
23 21 13 23-1421	EA	12" 45 Degree Lateral Wye, Steel, Grooved	1,750.35	126.80
		For Galvanized Fittings, Add	*280.85*	
23 21 13 23-1422	EA	14" 45 Degree Lateral Wye, Steel, Grooved	2,488.50	140.88
		For Galvanized Fittings, Add	*409.91*	
23 21 13 23-1423	EA	16" 45 Degree Lateral Wye, Steel, Grooved	3,057.39	141.69
		For Galvanized Fittings, Add	*512.09*	
23 21 13 23-1424	EA	18" 45 Degree Lateral Wye, Steel, Grooved	3,414.57	156.29
		For Galvanized Fittings, Add	*572.46*	
23 21 13 23-1425	EA	20" 45 Degree Lateral Wye, Steel, Grooved	5,061.93	158.69
		For Galvanized Fittings, Add	*868.32*	
23 21 13 23-1426	EA	24" 45 Degree Lateral Wye, Steel, Grooved	7,788.58	195.04
		For Galvanized Fittings, Add	*1,349.30*	

23 21 13 23-1427 Grooved 45 Degree Lateral Reducing Wyes *(23 21 13 23-1332)*

Note: Victaulic No. 30R

23 21 13 23-1428	EA	3" 45 Degree Lateral Reducing Wye, Steel, Grooved	189.52	35.26
		For Galvanized Fittings, Add	*17.77*	
23 21 13 23-1429	EA	4" 45 Degree Lateral Reducing Wye, Steel, Grooved	337.95	45.62
		For Galvanized Fittings, Add	*35.04*	
23 21 13 23-1430	EA	5" 45 Degree Lateral Reducing Wye, Steel, Grooved	483.38	59.64
		For Galvanized Fittings, Add	*51.22*	
23 21 13 23-1431	EA	6" 45 Degree Lateral Reducing Wye, Steel, Grooved	620.83	74.60
		For Galvanized Fittings, Add	*66.17*	
23 21 13 23-1432	EA	8" 45 Degree Lateral Reducing Wye, Steel, Grooved	870.59	90.59
		For Galvanized Fittings, Add	*95.52*	
23 21 13 23-1433	EA	10" 45 Degree Lateral Reducing Wye, Steel, Grooved	1,058.33	105.62
		For Galvanized Fittings, Add	*116.99*	
23 21 13 23-1434	EA	12" 45 Degree Lateral Reducing Wye, Steel, Grooved	1,283.73	126.80
		For Galvanized Fittings, Add	*142.17*	
23 21 13 23-1435	EA	14" 45 Degree Lateral Reducing Wye, Steel, Grooved	1,436.35	140.88
		For Galvanized Fittings, Add	*159.27*	
23 21 13 23-1436	EA	16" 45 Degree Lateral Reducing Wye, Steel, Grooved	1,796.04	141.69
		For Galvanized Fittings, Add	*205.87*	
23 21 13 23-1437	EA	18" 45 Degree Lateral Reducing Wye, Steel, Grooved	2,665.89	156.29
		For Galvanized Fittings, Add	*316.11*	
23 21 13 23-1438	EA	20" 45 Degree Lateral Reducing Wye, Steel, Grooved	3,797.19	158.69
		For Galvanized Fittings, Add	*462.70*	
23 21 13 23-1439	EA	24" 45 Degree Lateral Reducing Wye, Steel, Grooved	6,055.03	195.04
		For Galvanized Fittings, Add	*749.14*	

23 21 13 23-1440 Mechanical-T Outlet *(23 21 13 23-1332)*

Note: Includes making opening in pipe. Grooved or treaded branch outlets. Victaulic Styles 920 or 921.

23 21 13 23-1441	EA	2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	78.87	26.27
		For Galvanized Fittings, Add	*6.52*	
23 21 13 23-1442	EA	2" x 1" Mechanical-T Outlet With Threaded Branch Outlet	78.87	26.27
		For Galvanized Fittings, Add	*6.52*	
23 21 13 23-1443	EA	2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	82.98	26.27
		For Galvanized Fittings, Add	*7.54*	
23 21 13 23-1444	EA	2" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet	82.98	26.27
23 21 13 23-1445	EA	2-1/2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	85.44	29.56
23 21 13 23-1446	EA	2-1/2" x 1" Mechanical-T Outlet With Threaded Branch Outlet	85.44	29.56
23 21 13 23-1447	EA	2-1/2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	96.29	29.56
23 21 13 23-1448	EA	3" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	96.00	32.84
23 21 13 23-1449	EA	3" x 1" Mechanical-T Outlet With Threaded Branch Outlet	96.00	32.84
23 21 13 23-1450	EA	3" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	104.73	32.84
23 21 13 23-1451	EA	3" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet	104.73	32.84
23 21 13 23-1452	EA	3" x 2" Mechanical-T Outlet With Threaded Branch Outlet	110.71	32.84
23 21 13 23-1453	EA	4" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	126.23	43.79
23 21 13 23-1454	EA	4" x 1" Mechanical-T Outlet With Threaded Branch Outlet	126.23	43.79
23 21 13 23-1455	EA	4" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	133.05	43.79
23 21 13 23-1456	EA	4" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	134.96	43.79
23 21 13 23-1457	EA	4" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	134.96	43.79
23 21 13 23-1458	EA	4" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	136.88	43.79
23 21 13 23-1459	EA	4" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	140.54	43.79
23 21 13 23-1460	EA	5" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	178.61	60.23
23 21 13 23-1461	EA	5" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	178.61	60.23
23 21 13 23-1462	EA	5" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	181.92	60.23
23 21 13 23-1463	EA	5" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	186.06	60.23
23 21 13 23-1464	EA	6" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	212.81	76.65
23 21 13 23-1465	EA	6" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	212.81	76.65
23 21 13 23-1466	EA	6" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	217.68	76.65
23 21 13 23-1467	EA	6" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	221.78	76.65
23 21 13 23-1468	EA	6" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet	229.08	76.65
23 21 13 23-1469	EA	8" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	308.26	101.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1470	EA	8" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	308.26	101.46
23 21 13 23-1471	EA	8" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	314.12	101.46
23 21 13 23-1472	EA	8" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet	317.59	101.46

23 21 13 23-1473 Grooved Fittings *(23 21 13 23-1246)*

23 21 13 23-1474 Flanged Adapter Nipple, Grooved *(23 21 13 23-1473)*

Note: Victaulic No. 41 and 45

23 21 13 23-1475	EA	1" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	124.49	8.75
		For Galvanized Fittings, Add	*20.04*	
		For 300 LB Rating, Add	*16.70*	
23 21 13 23-1476	EA	1-1/4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	125.95	9.71
		For Galvanized Fittings, Add	*20.04*	
		For 300 LB Rating, Add	*16.70*	
23 21 13 23-1477	EA	1-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	129.60	12.19
		For Galvanized Fittings, Add	*20.04*	
		For 300 LB Rating, Add	*16.70*	
23 21 13 23-1478	EA	2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	137.28	17.30
		For Galvanized Fittings, Add	*20.04*	
		For 300 LB Rating, Add	*16.70*	
23 21 13 23-1479	EA	2-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	142.76	20.95
		For Galvanized Fittings, Add	*20.04*	
		For 300 LB Rating, Add	*16.70*	
23 21 13 23-1480	EA	3" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	179.98	25.04
		For Galvanized Fittings, Add	*25.65*	
		For 300 LB Rating, Add	*21.37*	
23 21 13 23-1481	EA	4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	220.45	33.72
		For Galvanized Fittings, Add	*30.59*	
		For 300 LB Rating, Add	*25.49*	
23 21 13 23-1482	EA	5" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	303.98	40.80
		For Galvanized Fittings, Add	*43.71*	
		For 300 LB Rating, Add	*36.42*	
23 21 13 23-1483	EA	6" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	359.68	55.11
		For Galvanized Fittings, Add	*49.87*	
		For 300 LB Rating, Add	*41.55*	
23 21 13 23-1484	EA	8" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	494.21	74.60
		For Galvanized Fittings, Add	*68.83*	
		For 300 LB Rating, Add	*57.36*	
23 21 13 23-1485	EA	10" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	759.80	90.59
		For Galvanized Fittings, Add	*112.32*	
		For 300 LB Rating, Add	*93.60*	
23 21 13 23-1486	EA	12" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,011.62	105.62
		For Galvanized Fittings, Add	*153.58*	
		For 300 LB Rating, Add	*127.98*	
23 21 13 23-1487	EA	14" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,196.27	126.80
		For Galvanized Fittings, Add	*181.11*	
		For 300 LB Rating, Add	*150.93*	
23 21 13 23-1488	EA	16" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,760.73	140.88
		For Galvanized Fittings, Add	*278.91*	
		For 300 LB Rating, Add	*232.43*	
23 21 13 23-1489	EA	18" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	2,136.86	211.32
		For Galvanized Fittings, Add	*327.61*	
		For 300 LB Rating, Add	*273.00*	
23 21 13 23-1490	EA	20" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	2,277.25	253.59
		For Galvanized Fittings, Add	*341.47*	
		For 300 LB Rating, Add	*284.56*	
23 21 13 23-1491	EA	24" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	3,695.10	281.77
		For Galvanized Fittings, Add	*589.08*	
		For 300 LB Rating, Add	*490.90*	

23 21 13 23-1492 Grooved Concentric Reducers *(23 21 13 23-1473)*

Note: Victaulic No. 50

23 21 13 23-1493	EA	1-1/4" x 3/4" Concentric Reducer, Grooved	131.91	8.75
		For Galvanized Fittings, Add	*5.23*	
23 21 13 23-1494	EA	1-1/4" x 1" Concentric Reducer, Grooved	137.99	9.27
		For Galvanized Fittings, Add	*5.46*	
23 21 13 23-1495	EA	1-1/2" x 3/4" Concentric Reducer, Grooved	155.14	10.00
		For Galvanized Fittings, Add	*16.85*	
23 21 13 23-1496	EA	1-1/2" x 1" Concentric Reducer, Grooved	45.72	10.44
		For Galvanized Fittings, Add	*3.61*	
23 21 13 23-1497	EA	1-1/2" x 1-1/4" Concentric Reducer, Grooved	132.61	10.95
		For Galvanized Fittings, Add	*13.97*	
23 21 13 23-1498	EA	2" x 3/4" Concentric Reducer, Grooved	47.90	11.90
		For Galvanized Fittings, Add	*3.61*	
23 21 13 23-1499	EA	2" x 1" Concentric Reducer, Grooved	48.64	12.41
		For Galvanized Fittings, Add	*3.61*	
23 21 13 23-1500	EA	2" x 1-1/4" Concentric Reducer, Grooved	52.37	12.92
		For Galvanized Fittings, Add	*3.97*	
23 21 13 23-1501	EA	2" x 1-1/2" Concentric Reducer, Grooved	51.60	14.38
		For Galvanized Fittings, Add	*3.61*	
23 21 13 23-1502	EA	2-1/2" x 3/4" Concentric Reducer, Grooved	264.45	13.43
		For Galvanized Fittings, Add	*29.37*	
23 21 13 23-1503	EA	2-1/2" x 1" Concentric Reducer, Grooved	212.50	13.94
		For Galvanized Fittings, Add	*23.04*	
23 21 13 23-1504	EA	2-1/2" x 1-1/4" Concentric Reducer, Grooved	195.07	14.38
		For Galvanized Fittings, Add	*20.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1505	EA	2-1/2" x 1-1/2" Concentric Reducer, Grooved	53.75	15.84
		For Galvanized Fittings, Add	*3.61*	
23 21 13 23-1506	EA	2-1/2" x 2" Concentric Reducer, Grooved	56.66	17.74
		For Galvanized Fittings, Add	*3.61*	
23 21 13 23-1507	EA	3" x 3/4" Concentric Reducer, Grooved	269.29	15.63
		For Galvanized Fittings, Add	*37.38*	
23 21 13 23-1508	EA	3" x 1" Concentric Reducer, Grooved	57.21	16.06
		For Galvanized Fittings, Add	*5.04*	
23 21 13 23-1509	EA	3" x 1-1/4" Concentric Reducer, Grooved	215.25	16.57
		For Galvanized Fittings, Add	*28.95*	
23 21 13 23-1510	EA	3" x 1-1/2" Concentric Reducer, Grooved	203.62	17.74
		For Galvanized Fittings, Add	*26.90*	
23 21 13 23-1511	EA	3" x 2" Concentric Reducer, Grooved	55.89	19.71
		For Galvanized Fittings, Add	*4.00*	
23 21 13 23-1512	EA	3" x 2-1/2" Concentric Reducer, Grooved	71.50	23.50
		For Galvanized Fittings, Add	*5.51*	
23 21 13 23-1513	EA	3-1/2" x 3" Concentric Reducer, Grooved	76.61	25.33
		For Galvanized Fittings, Add	*5.88*	
23 21 13 23-1514	EA	4" x 1" Concentric Reducer, Grooved	69.78	19.93
		For Galvanized Fittings, Add	*6.83*	
23 21 13 23-1515	EA	4" x 1-1/4" Concentric Reducer, Grooved	345.72	20.44
		For Galvanized Fittings, Add	*54.03*	
23 21 13 23-1516	EA	4" x 1-1/2" Concentric Reducer, Grooved	273.35	21.68
		For Galvanized Fittings, Add	*41.31*	
23 21 13 23-1517	EA	4" x 2" Concentric Reducer, Grooved	70.46	23.66
		For Galvanized Fittings, Add	*6.01*	
23 21 13 23-1518	EA	4" x 2-1/2" Concentric Reducer, Grooved	81.90	25.33
		For Galvanized Fittings, Add	*7.54*	
23 21 13 23-1519	EA	4" x 3" Concentric Reducer, Grooved	84.82	27.30
		For Galvanized Fittings, Add	*7.54*	
23 21 13 23-1520	EA	4" x 3-1/2" Concentric Reducer, Grooved	87.74	29.20
		For Galvanized Fittings, Add	*7.54*	
23 21 13 23-1521	EA	5" x 2" Concentric Reducer, Grooved	484.63	27.52
		For Galvanized Fittings, Add	*76.04*	
23 21 13 23-1522	EA	5" x 2-1/2" Concentric Reducer, Grooved	387.80	29.20
		For Galvanized Fittings, Add	*59.00*	
23 21 13 23-1523	EA	5" x 3" Concentric Reducer, Grooved	98.15	31.17
		For Galvanized Fittings, Add	*8.82*	
23 21 13 23-1524	EA	5" x 4" Concentric Reducer, Grooved	113.99	35.04
		For Galvanized Fittings, Add	*10.54*	
23 21 13 23-1525	EA	6" x 1" Concentric Reducer, Grooved	126.22	29.71
		For Galvanized Fittings, Add	*15.24*	
23 21 13 23-1526	EA	6" x 1-1/2" Concentric Reducer, Grooved	513.26	31.39
		For Galvanized Fittings, Add	*86.99*	
23 21 13 23-1527	EA	6" x 2" Concentric Reducer, Grooved	131.69	33.36
		For Galvanized Fittings, Add	*15.24*	
23 21 13 23-1528	EA	6" x 2-1/2" Concentric Reducer, Grooved	521.40	35.04
		For Galvanized Fittings, Add	*87.49*	
23 21 13 23-1529	EA	6" x 3" Concentric Reducer, Grooved	137.17	37.00
		For Galvanized Fittings, Add	*15.24*	
23 21 13 23-1530	EA	6" x 4" Concentric Reducer, Grooved	132.46	40.88
		For Galvanized Fittings, Add	*13.27*	
23 21 13 23-1531	EA	6" x 5" Concentric Reducer, Grooved	172.41	44.82
		For Galvanized Fittings, Add	*19.64*	
23 21 13 23-1532	EA	8" x 3" Concentric Reducer, Grooved	208.74	41.90
		For Galvanized Fittings, Add	*27.24*	
23 21 13 23-1533	EA	8" x 4" Concentric Reducer, Grooved	214.58	45.77
		For Galvanized Fittings, Add	*27.24*	
23 21 13 23-1534	EA	8" x 5" Concentric Reducer, Grooved	220.42	49.64
		For Galvanized Fittings, Add	*27.24*	
23 21 13 23-1535	EA	8" x 6" Concentric Reducer, Grooved	269.36	55.48
		For Galvanized Fittings, Add	*34.73*	
23 21 13 23-1536	EA	10" x 4" Concentric Reducer, Grooved	423.82	50.88
		For Galvanized Fittings, Add	*64.85*	
23 21 13 23-1537	EA	10" x 5" Concentric Reducer, Grooved	848.22	54.75
		For Galvanized Fittings, Add	*142.95*	
23 21 13 23-1538	EA	10" x 6" Concentric Reducer, Grooved	470.93	60.59
		For Galvanized Fittings, Add	*70.92*	
23 21 13 23-1539	EA	10" x 8" Concentric Reducer, Grooved	478.22	65.47
		For Galvanized Fittings, Add	*70.92*	
23 21 13 23-1540	EA	12" x 4" Concentric Reducer, Grooved	1,237.32	57.96
		For Galvanized Fittings, Add	*172.57*	
23 21 13 23-1541	EA	12" x 6" Concentric Reducer, Grooved	554.73	67.67
		For Galvanized Fittings, Add	*67.99*	
23 21 13 23-1542	EA	12" x 8" Concentric Reducer, Grooved	789.67	72.56
		For Galvanized Fittings, Add	*102.14*	
23 21 13 23-1543	EA	12" x 10" Concentric Reducer, Grooved	797.37	77.66
		For Galvanized Fittings, Add	*102.14*	
23 21 13 23-1544	EA	14" x 6" Concentric Reducer, Grooved	2,419.66	72.92
		For Galvanized Fittings, Add	*70.93*	
23 21 13 23-1545	EA	14" x 8" Concentric Reducer, Grooved	1,472.75	77.82
		For Galvanized Fittings, Add	*41.63*	
23 21 13 23-1546	EA	14" x 10" Concentric Reducer, Grooved	1,269.30	82.92
		For Galvanized Fittings, Add	*35.15*	
23 21 13 23-1547	EA	14" x 12" Concentric Reducer, Grooved	1,279.87	89.94
		For Galvanized Fittings, Add	*35.15*	
23 21 13 23-1548	EA	16" x 8" Concentric Reducer, Grooved	2,213.85	82.99
		For Galvanized Fittings, Add	*64.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1549	EA	16" x 10" Concentric Reducer, Grooved	2,063.88	88.10
		For Galvanized Fittings, Add	*59.30*	
23 21 13 23-1550	EA	16" x 12" Concentric Reducer, Grooved	1,919.93	95.18
		For Galvanized Fittings, Add	*54.56*	
23 21 13 23-1551	EA	16" x 14" Concentric Reducer, Grooved	1,927.80	100.44
		For Galvanized Fittings, Add	*54.56*	
23 21 13 23-1552	EA	18" x 10" Concentric Reducer, Grooved	2,867.18	93.00
		For Galvanized Fittings, Add	*83.74*	
23 21 13 23-1553	EA	18" x 12" Concentric Reducer, Grooved	2,609.45	100.00
		For Galvanized Fittings, Add	*75.51*	
23 21 13 23-1554	EA	18" x 14" Concentric Reducer, Grooved	2,384.43	105.26
		For Galvanized Fittings, Add	*68.36*	
23 21 13 23-1555	EA	18" x 16" Concentric Reducer, Grooved	2,392.32	110.59
		For Galvanized Fittings, Add	*68.36*	
23 21 13 23-1556	EA	20" x 10" Concentric Reducer, Grooved	3,149.92	95.41
		For Galvanized Fittings, Add	*92.31*	
23 21 13 23-1557	EA	20" x 12" Concentric Reducer, Grooved	2,717.21	102.49
		For Galvanized Fittings, Add	*78.70*	
23 21 13 23-1558	EA	20" x 14" Concentric Reducer, Grooved	2,725.10	107.74
		For Galvanized Fittings, Add	*78.70*	
23 21 13 23-1559	EA	20" x 16" Concentric Reducer, Grooved	2,443.64	112.93
		For Galvanized Fittings, Add	*69.82*	
23 21 13 23-1560	EA	20" x 18" Concentric Reducer, Grooved	2,601.98	117.81
		For Galvanized Fittings, Add	*74.46*	
23 21 13 23-1561	EA	24" x 10" Concentric Reducer, Grooved	6,859.56	106.14
		For Galvanized Fittings, Add	*205.70*	
23 21 13 23-1562	EA	24" x 12" Concentric Reducer, Grooved	6,708.38	113.22
		For Galvanized Fittings, Add	*200.74*	
23 21 13 23-1563	EA	24" x 14" Concentric Reducer, Grooved	5,862.37	118.40
		For Galvanized Fittings, Add	*174.53*	
23 21 13 23-1564	EA	24" x 16" Concentric Reducer, Grooved	5,870.31	123.73
		For Galvanized Fittings, Add	*174.53*	
23 21 13 23-1565	EA	24" x 18" Concentric Reducer, Grooved	5,045.06	128.54
		For Galvanized Fittings, Add	*148.97*	
23 21 13 23-1566	EA	24" x 20" Concentric Reducer, Grooved	4,618.96	131.03
		For Galvanized Fittings, Add	*135.77*	

23 21 13 23-1567 Grooved Eccentric Reducers *(23 21 13 23-1473)*

Note: Victaulic No. 51

23 21 13 23-1568	EA	1-1/2" x 3/4" Eccentric Reducer, Grooved	159.98	10.00
		For Galvanized Fittings, Add	*17.43*	
23 21 13 23-1569	EA	1-1/2" x 1" Eccentric Reducer, Grooved	146.60	10.44
		For Galvanized Fittings, Add	*15.73*	
23 21 13 23-1570	EA	1-1/2" x 1-1/4" Eccentric Reducer, Grooved	144.47	10.95
		For Galvanized Fittings, Add	*15.39*	
23 21 13 23-1571	EA	2" x 3/4" Eccentric Reducer, Grooved	299.67	11.90
		For Galvanized Fittings, Add	*33.87*	
23 21 13 23-1572	EA	2" x 1" Eccentric Reducer, Grooved	163.16	12.41
		For Galvanized Fittings, Add	*17.37*	
23 21 13 23-1573	EA	2" x 1-1/4" Eccentric Reducer, Grooved	177.80	12.92
		For Galvanized Fittings, Add	*19.05*	
23 21 13 23-1574	EA	2" x 1-1/2" Eccentric Reducer, Grooved	154.22	14.38
		For Galvanized Fittings, Add	*15.94*	
23 21 13 23-1575	EA	2-1/2" x 3/4" Eccentric Reducer, Grooved	387.98	13.43
		For Galvanized Fittings, Add	*44.21*	
23 21 13 23-1576	EA	2-1/2" x 1" Eccentric Reducer, Grooved	363.55	13.94
		For Galvanized Fittings, Add	*41.19*	
23 21 13 23-1577	EA	2-1/2" x 1-1/4" Eccentric Reducer, Grooved	220.61	14.38
		For Galvanized Fittings, Add	*23.92*	
23 21 13 23-1578	EA	2-1/2" x 1-1/2" Eccentric Reducer, Grooved	181.44	15.84
		For Galvanized Fittings, Add	*18.96*	
23 21 13 23-1579	EA	2-1/2" x 2" Eccentric Reducer, Grooved	90.17	17.74
		For Galvanized Fittings, Add	*7.64*	
23 21 13 23-1580	EA	3" x 1" Eccentric Reducer, Grooved	391.66	16.06
		For Galvanized Fittings, Add	*44.19*	
23 21 13 23-1581	EA	3" x 1-1/4" Eccentric Reducer, Grooved	357.57	16.57
		For Galvanized Fittings, Add	*40.00*	
23 21 13 23-1582	EA	3" x 1-1/2" Eccentric Reducer, Grooved	209.05	17.74
		For Galvanized Fittings, Add	*21.93*	
23 21 13 23-1583	EA	3" x 2" Eccentric Reducer, Grooved	102.56	19.71
		For Galvanized Fittings, Add	*8.77*	
23 21 13 23-1584	EA	3" x 2-1/2" Eccentric Reducer, Grooved	108.22	23.50
		For Galvanized Fittings, Add	*8.77*	
23 21 13 23-1585	EA	3-1/2" x 3" Eccentric Reducer, Grooved	441.83	25.33
		For Galvanized Fittings, Add	*48.55*	
23 21 13 23-1586	EA	4" x 1" Eccentric Reducer, Grooved	775.04	19.93
		For Galvanized Fittings, Add	*127.79*	
23 21 13 23-1587	EA	4" x 1-1/2" Eccentric Reducer, Grooved	483.13	21.68
		For Galvanized Fittings, Add	*77.28*	
23 21 13 23-1588	EA	4" x 2" Eccentric Reducer, Grooved	124.67	23.66
		For Galvanized Fittings, Add	*15.31*	
23 21 13 23-1589	EA	4" x 2-1/2" Eccentric Reducer, Grooved	127.22	25.33
		For Galvanized Fittings, Add	*15.31*	
23 21 13 23-1590	EA	4" x 3" Eccentric Reducer, Grooved	130.14	27.30
		For Galvanized Fittings, Add	*15.31*	
23 21 13 23-1591	EA	5" x 2" Eccentric Reducer, Grooved	538.16	27.52
		For Galvanized Fittings, Add	*85.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1592	EA	5" x 2-1/2" Eccentric Reducer, Grooved	467.15	29.20
		For Galvanized Fittings, Add	*72.60*	
23 21 13 23-1593	EA	5" x 3" Eccentric Reducer, Grooved	455.64	31.17
		For Galvanized Fittings, Add	*70.13*	
23 21 13 23-1594	EA	5" x 4" Eccentric Reducer, Grooved	174.14	35.04
		For Galvanized Fittings, Add	*20.85*	
23 21 13 23-1595	EA	6" x 1" Eccentric Reducer, Grooved	817.00	29.71
		For Galvanized Fittings, Add	*144.14*	
23 21 13 23-1596	EA	6" x 2" Eccentric Reducer, Grooved	754.47	33.36
		For Galvanized Fittings, Add	*131.45*	
23 21 13 23-1597	EA	6" x 2-1/2" Eccentric Reducer, Grooved	891.42	35.04
		For Galvanized Fittings, Add	*156.53*	
23 21 13 23-1598	EA	6" x 3" Eccentric Reducer, Grooved	217.35	37.00
		For Galvanized Fittings, Add	*30.20*	
23 21 13 23-1599	EA	6" x 4" Eccentric Reducer, Grooved	203.01	40.88
		For Galvanized Fittings, Add	*26.44*	
23 21 13 23-1600	EA	6" x 5" Eccentric Reducer, Grooved	237.13	44.82
		For Galvanized Fittings, Add	*31.71*	
		For Galvanized Fittings, Add	*25.65*	
23 21 13 23-1601	EA	8" x 3" Eccentric Reducer, Grooved	881.28	41.90
		For Galvanized Fittings, Add	*152.73*	
		For Galvanized Fittings, Add	*123.51*	
23 21 13 23-1602	EA	8" x 4" Eccentric Reducer, Grooved	783.94	45.77
		For Galvanized Fittings, Add	*133.48*	
		For Galvanized Fittings, Add	*107.94*	
23 21 13 23-1603	EA	8" x 5" Eccentric Reducer, Grooved	740.45	49.64
		For Galvanized Fittings, Add	*124.28*	
		For Galvanized Fittings, Add	*100.50*	
23 21 13 23-1604	EA	8" x 6" Eccentric Reducer, Grooved	370.52	55.48
		For Galvanized Fittings, Add	*53.61*	
		For Galvanized Fittings, Add	*43.35*	
23 21 13 23-1605	EA	10" x 4" Eccentric Reducer, Grooved	1,388.94	50.88
		For Galvanized Fittings, Add	*244.94*	
		For Galvanized Fittings, Add	*198.08*	
23 21 13 23-1606	EA	10" x 5" Eccentric Reducer, Grooved	1,318.84	54.75
		For Galvanized Fittings, Add	*230.77*	
		For Galvanized Fittings, Add	*186.62*	
23 21 13 23-1607	EA	10" x 6" Eccentric Reducer, Grooved	1,023.48	60.59
		For Galvanized Fittings, Add	*174.02*	
		For Galvanized Fittings, Add	*140.73*	
23 21 13 23-1608	EA	10" x 8" Eccentric Reducer, Grooved	887.50	65.47
		For Galvanized Fittings, Add	*147.29*	
		For Galvanized Fittings, Add	*119.11*	
23 21 13 23-1609	EA	12" x 4" Eccentric Reducer, Grooved	1,421.60	57.96
		For Galvanized Fittings, Add	*201.41*	
23 21 13 23-1610	EA	12" x 6" Eccentric Reducer, Grooved	1,347.31	67.67
		For Galvanized Fittings, Add	*188.00*	
23 21 13 23-1611	EA	12" x 8" Eccentric Reducer, Grooved	1,322.75	72.56
		For Galvanized Fittings, Add	*183.19*	
23 21 13 23-1612	EA	12" x 10" Eccentric Reducer, Grooved	1,203.83	77.66
		For Galvanized Fittings, Add	*164.08*	
23 21 13 23-1613	EA	14" x 6" Eccentric Reducer, Grooved	3,252.89	72.92
		For Galvanized Fittings, Add	*96.51*	
23 21 13 23-1614	EA	14" x 8" Eccentric Reducer, Grooved	2,126.42	77.82
		For Galvanized Fittings, Add	*61.70*	
23 21 13 23-1615	EA	14" x 10" Eccentric Reducer, Grooved	2,037.45	82.92
		For Galvanized Fittings, Add	*58.73*	
23 21 13 23-1616	EA	14" x 12" Eccentric Reducer, Grooved	2,048.02	89.94
		For Galvanized Fittings, Add	*58.73*	
23 21 13 23-1617	EA	16" x 8" Eccentric Reducer, Grooved	3,596.13	82.99
		For Galvanized Fittings, Add	*106.58*	
23 21 13 23-1618	EA	16" x 10" Eccentric Reducer, Grooved	3,340.21	88.10
		For Galvanized Fittings, Add	*98.49*	
23 21 13 23-1619	EA	16" x 12" Eccentric Reducer, Grooved	3,157.12	95.18
		For Galvanized Fittings, Add	*92.54*	
23 21 13 23-1620	EA	16" x 14" Eccentric Reducer, Grooved	3,164.99	100.44
		For Galvanized Fittings, Add	*92.54*	
23 21 13 23-1621	EA	18" x 10" Eccentric Reducer, Grooved	4,502.70	93.00
		For Galvanized Fittings, Add	*133.95*	
23 21 13 23-1622	EA	18" x 12" Eccentric Reducer, Grooved	4,247.07	100.00
		For Galvanized Fittings, Add	*125.78*	
23 21 13 23-1623	EA	18" x 14" Eccentric Reducer, Grooved	3,880.29	105.26
		For Galvanized Fittings, Add	*114.28*	
23 21 13 23-1624	EA	18" x 16" Eccentric Reducer, Grooved	3,888.18	110.59
		For Galvanized Fittings, Add	*114.28*	
23 21 13 23-1625	EA	20" x 10" Eccentric Reducer, Grooved	5,892.79	95.41
		For Galvanized Fittings, Add	*176.52*	
23 21 13 23-1626	EA	20" x 12" Eccentric Reducer, Grooved	4,406.66	102.49
		For Galvanized Fittings, Add	*130.57*	
23 21 13 23-1627	EA	20" x 14" Eccentric Reducer, Grooved	4,148.66	107.74
		For Galvanized Fittings, Add	*122.41*	
23 21 13 23-1628	EA	20" x 16" Eccentric Reducer, Grooved	4,091.92	112.93
		For Galvanized Fittings, Add	*120.43*	
23 21 13 23-1629	EA	20" x 18" Eccentric Reducer, Grooved	3,949.01	117.81
		For Galvanized Fittings, Add	*115.81*	
23 21 13 23-1630	EA	24" x 12" Eccentric Reducer, Grooved	8,493.28	113.22
		For Galvanized Fittings, Add	*255.53*	
23 21 13 23-1631	EA	24" x 14" Eccentric Reducer, Grooved	7,271.54	118.40
		For Galvanized Fittings, Add	*217.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1632	EA	24" x 16" Eccentric Reducer, Grooved	7,279.48	123.73
		For Galvanized Fittings, Add	*217.79*	
23 21 13 23-1633	EA	24" x 18" Eccentric Reducer, Grooved	6,884.05	128.54
		For Galvanized Fittings, Add	*205.42*	
23 21 13 23-1634	EA	24" x 20" Eccentric Reducer, Grooved	6,302.62	131.03
		For Galvanized Fittings, Add	*187.46*	

23 21 13 23-1635 Grooved Couplings *(23 21 13 23-1246)*

23 21 13 23-1636 Flexible Grooved Coupling *(23 21 13 23-1635)*

Note: Victaulic Style 77

23 21 13 23-1637	EA	3/4" Standard Coupling, Grooved	27.05	3.94
		For Galvanized Fittings, Add	*5.91*	
23 21 13 23-1638	EA	1" Standard Coupling, Grooved	27.05	3.94
		For Galvanized Fittings, Add	*5.91*	
23 21 13 23-1639	EA	1-1/4" Standard Coupling, Grooved	35.51	4.97
		For Galvanized Fittings, Add	*7.85*	
23 21 13 23-1640	EA	1-1/2" Standard Coupling, Grooved	39.57	5.91
		For Galvanized Fittings, Add	*8.58*	
23 21 13 23-1641	EA	2" Standard Coupling, Grooved	44.33	7.96
		For Galvanized Fittings, Add	*9.07*	
23 21 13 23-1642	EA	2-1/2" Standard Coupling, Grooved	53.31	9.71
		For Galvanized Fittings, Add	*10.86*	
23 21 13 23-1643	EA	3" Standard Coupling, Grooved	56.13	11.61
		For Galvanized Fittings, Add	*10.86*	
23 21 13 23-1644	EA	3-1/2" Standard Coupling, Grooved	82.87	13.58
		For Galvanized Fittings, Add	*17.49*	
23 21 13 23-1645	EA	4" Standard Coupling, Grooved	85.73	15.47
		For Galvanized Fittings, Add	*17.49*	
23 21 13 23-1646	EA	5" Standard Coupling, Grooved	124.85	19.41
		For Galvanized Fittings, Add	*26.82*	
23 21 13 23-1647	EA	6" Standard Coupling, Grooved	151.25	25.33
		For Galvanized Fittings, Add	*31.70*	
23 21 13 23-1648	EA	8" Standard Coupling, Grooved	229.85	30.22
		For Galvanized Fittings, Add	*51.68*	
23 21 13 23-1649	EA	10" Standard Coupling, Grooved	361.07	36.21
		For Galvanized Fittings, Add	*85.89*	
23 21 13 23-1650	EA	12" Standard Coupling, Grooved	408.67	39.63
		For Galvanized Fittings, Add	*97.80*	
23 21 13 23-1651	EA	14" Standard Coupling, Grooved	503.51	52.85
		For Galvanized Fittings, Add	*118.80*	
23 21 13 23-1652	EA	16" Standard Coupling, Grooved	651.59	63.43
		For Galvanized Fittings, Add	*155.83*	
23 21 13 23-1653	EA	18" Standard Coupling, Grooved	757.41	70.44
		For Galvanized Fittings, Add	*182.50*	
23 21 13 23-1654	EA	20" Standard Coupling, Grooved	1,144.19	79.28
		For Galvanized Fittings, Add	*287.11*	
23 21 13 23-1655	EA	24" Standard Coupling, Grooved	1,270.71	97.52
		For Galvanized Fittings, Add	*314.86*	

23 21 13 23-1656 Zero-Flex® Rigid Coupling *(23 21 13 23-1635)*

Note: Victaulic Style 07

23 21 13 23-1657	EA	1" Rigid Coupling, Grooved	35.29	3.94
		For Galvanized Fittings, Add	*7.19*	
23 21 13 23-1658	EA	1-1/4" Rigid Coupling, Grooved	36.79	4.97
		For Galvanized Fittings, Add	*7.19*	
23 21 13 23-1659	EA	1-1/2" Rigid Coupling, Grooved	38.24	5.91
		For Galvanized Fittings, Add	*7.19*	
23 21 13 23-1660	EA	2" Rigid Coupling, Grooved	42.01	7.96
		For Galvanized Fittings, Add	*7.37*	
23 21 13 23-1661	EA	2-1/2" Rigid Coupling, Grooved	49.21	9.71
		For Galvanized Fittings, Add	*8.50*	
23 21 13 23-1662	EA	3" Rigid Coupling, Grooved	52.03	11.61
		For Galvanized Fittings, Add	*8.50*	
23 21 13 23-1663	EA	3-1/2" Rigid Coupling, Grooved	60.91	13.58
		For Galvanized Fittings, Add	*9.93*	
23 21 13 23-1664	EA	4" Rigid Coupling, Grooved	80.67	15.47
		For Galvanized Fittings, Add	*14.07*	
23 21 13 23-1665	EA	5" Rigid Coupling, Grooved	103.64	19.41
		For Galvanized Fittings, Add	*18.27*	
23 21 13 23-1666	EA	6" Rigid Coupling, Grooved	137.70	25.33
		For Galvanized Fittings, Add	*24.42*	
23 21 13 23-1667	EA	8" Rigid Coupling, Grooved	202.32	30.22
		For Galvanized Fittings, Add	*38.48*	
23 21 13 23-1668	EA	10" Rigid Coupling, Grooved	335.71	36.21
		For Galvanized Fittings, Add	*68.94*	
23 21 13 23-1669	EA	12" Rigid Coupling, Grooved	374.30	39.63
		For Galvanized Fittings, Add	*77.15*	
23 21 13 23-1670	EA	14" Rigid Coupling, Grooved	490.62	52.85
		For Galvanized Fittings, Add	*100.80*	
23 21 13 23-1671	EA	16" Rigid Coupling, Grooved	631.62	63.43
		For Galvanized Fittings, Add	*131.46*	
23 21 13 23-1672	EA	18" Rigid Coupling, Grooved	725.90	70.44
		For Galvanized Fittings, Add	*151.97*	
23 21 13 23-1673	EA	20" Rigid Coupling, Grooved	857.30	79.28
		For Galvanized Fittings, Add	*180.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1674	EA	24" Rigid Coupling, Grooved	1,233.98	97.52
		For Galvanized Fittings, Add	*266.50*	
23 21 13 23-1675		Large Diameter Grooved Coupling *(23 21 13 23-1635)*		
		Note: Victaulic Style 770		
23 21 13 23-1676	EA	28" Coupling, Grooved	1,334.33	19.41
		For Galvanized Fittings, Add	*182.74*	
23 21 13 23-1677	EA	30" Coupling, Grooved	1,540.80	25.33
		For Galvanized Fittings, Add	*210.39*	
23 21 13 23-1678	EA	32" Coupling, Grooved	2,295.77	30.22
		For Galvanized Fittings, Add	*315.07*	
23 21 13 23-1679	EA	36" Coupling, Grooved	3,052.53	36.21
		For Galvanized Fittings, Add	*419.75*	
23 21 13 23-1680	EA	42" Coupling, Grooved	6,123.02	39.63
		For Galvanized Fittings, Add	*848.91*	
23 21 13 23-1681		Flexible Coupling *(23 21 13 23-1635)*		
		Note: Victaulic Style 75		
23 21 13 23-1682	EA	1-1/2" Flexible Coupling, Grooved	35.57	5.91
		For Galvanized Fittings, Add	*6.82*	
23 21 13 23-1683	EA	2" Flexible Coupling, Grooved	39.27	7.96
		For Galvanized Fittings, Add	*7.00*	
23 21 13 23-1684	EA	2-1/2" Flexible Coupling, Grooved	46.22	9.71
		For Galvanized Fittings, Add	*8.11*	
23 21 13 23-1685	EA	3" Flexible Coupling, Grooved	54.20	11.61
		For Galvanized Fittings, Add	*9.43*	
23 21 13 23-1686	EA	3-1/2" Flexible Coupling, Grooved	72.59	13.58
		For Galvanized Fittings, Add	*13.36*	
23 21 13 23-1687	EA	4" Flexible Coupling, Grooved	75.45	15.47
		For Galvanized Fittings, Add	*13.36*	
23 21 13 23-1688	EA	5" Flexible Coupling, Grooved	104.38	19.41
		For Galvanized Fittings, Add	*19.28*	
23 21 13 23-1689	EA	6" Flexible Coupling, Grooved	128.75	25.33
		For Galvanized Fittings, Add	*23.23*	
23 21 13 23-1690	EA	8" Flexible Coupling, Grooved	187.90	30.22
		For Galvanized Fittings, Add	*36.51*	
23 21 13 23-1691		Grooved Strainers And Suction Diffusers *(23 21 13 23-1246)*		
23 21 13 23-1692		Grooved Wye Strainers *(23 21 13 23-1691)*		
		Note: Victaulic Style 732		
23 21 13 23-1693	EA	2" Wye Strainer, Grooved	488.02	16.06
23 21 13 23-1694	EA	2-1/2" Wye Strainer, Grooved	516.62	19.49
23 21 13 23-1695	EA	3" Wye Strainer, Grooved	582.83	23.36
23 21 13 23-1696	EA	4" Wye Strainer, Grooved	666.35	31.17
23 21 13 23-1697	EA	5" Wye Strainer, Grooved	956.04	38.98
23 21 13 23-1698	EA	6" Wye Strainer, Grooved	1,050.83	50.66
23 21 13 23-1699	EA	8" Wye Strainer, Grooved	1,584.93	60.37
23 21 13 23-1700	EA	10" Wye Strainer, Grooved	2,507.95	70.58
23 21 13 23-1701	EA	12" Wye Strainer, Grooved	4,323.42	84.75
23 21 13 23-1702		Grooved Tee Type Strainers *(23 21 13 23-1691)*		
		Note: Victaulic Style 730		
23 21 13 23-1703	EA	1-1/2" Tee Type Strainer, Grooved	376.26	12.19
23 21 13 23-1704	EA	2" Tee Type Strainer, Grooved	482.30	16.06
23 21 13 23-1705	EA	2-1/2" Tee Type Strainer, Grooved	510.67	19.49
23 21 13 23-1706	EA	3" Tee Type Strainer, Grooved	576.11	23.36
23 21 13 23-1707	EA	4" Tee Type Strainer, Grooved	658.72	31.17
23 21 13 23-1708	EA	5" Tee Type Strainer, Grooved	944.93	38.98
23 21 13 23-1709	EA	6" Tee Type Strainer, Grooved	1,038.86	50.66
23 21 13 23-1710	EA	8" Tee Type Strainer, Grooved	1,566.40	60.37
23 21 13 23-1711	EA	10" Tee Type Strainer, Grooved	2,273.34	70.58
23 21 13 23-1712	EA	12" Tee Type Strainer, Grooved	2,917.19	84.75
23 21 13 23-1713	EA	14" Tee Type Strainer, Grooved	10,089.28	95.41
23 21 13 23-1714	EA	16" Tee Type Strainer, Grooved	12,520.03	105.62
23 21 13 23-1715	EA	18" Tee Type Strainer, Grooved	16,432.12	115.40
23 21 13 23-1716		Grooved Suction Diffuser *(23 21 13 23-1691)*		
		Note: Victaulic Style 731		
23 21 13 23-1717	EA	2-1/2" Grooved x 2" Flanged Suction Diffuser	978.53	18.03
23 21 13 23-1718	EA	3" Grooved x 2" Flanged Suction Diffuser	1,039.70	19.93
23 21 13 23-1719	EA	3" Grooved x 2-1/2" Flanged Suction Diffuser	761.25	23.36
23 21 13 23-1720	EA	3" Grooved x 3" Flanged Suction Diffuser	773.64	25.33
23 21 13 23-1721	EA	4" Grooved x 2-1/2" Flanged Suction Diffuser	835.73	25.33
23 21 13 23-1722	EA	4" Grooved x 3" Flanged Suction Diffuser	901.59	27.30
23 21 13 23-1723	EA	4" Grooved x 4" Flanged Suction Diffuser	1,038.00	27.30
23 21 13 23-1724	EA	5" Grooved x 4" Flanged Suction Diffuser	1,163.68	35.04
23 21 13 23-1725	EA	5" Grooved x 5" Flanged Suction Diffuser	1,222.99	37.00
23 21 13 23-1726	EA	6" Grooved x 4" Flanged Suction Diffuser	1,246.01	40.88
23 21 13 23-1727	EA	6" Grooved x 5" Flanged Suction Diffuser	1,484.35	44.82
23 21 13 23-1728	EA	6" Grooved x 6" Flanged Suction Diffuser	1,543.01	47.74
23 21 13 23-1729	EA	8" Grooved x 5" Flanged Suction Diffuser	1,583.99	49.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1730	EA	8" Grooved x 6" Flanged Suction Diffuser	1,675.02	55.48
23 21 13 23-1731	EA	8" Grooved x 8" Flanged Suction Diffuser	2,829.81	60.37
23 21 13 23-1732	EA	10" Grooved x 8" Flanged Suction Diffuser	3,189.11	65.26
23 21 13 23-1733	EA	10" Grooved x 10" Flanged Suction Diffuser	3,826.05	67.67
23 21 13 23-1734	EA	12" Grooved x 10" Flanged Suction Diffuser	4,525.23	77.89
23 21 13 23-1735	EA	12" Grooved x 12" Flanged Suction Diffuser	6,256.42	82.77
23 21 13 23-1736	EA	14" Grooved x 10" Flanged Suction Diffuser	5,831.48	82.77
23 21 13 23-1737	EA	14" Grooved x 12" Flanged Suction Diffuser	6,510.18	90.08
23 21 13 23-1738	EA	14" Grooved x 14" Flanged Suction Diffuser	7,884.68	95.41
23 21 13 23-1739	EA	16" Grooved x 14" Flanged Suction Diffuser	8,119.85	100.29

23 21 13 23-1740 Grooved Steel Valves *(23 21 13 23-1246)*

23 21 13 23-1741 Grooved Lug Type Butterfly Valves With Standard Trim *(23 21 13 23-1740)*

23 21 13 23-1742	EA	1-1/2" Butterfly Valve, Grooved, With Standard Trim	180.82	7.96
23 21 13 23-1743	EA	2" Butterfly Valve, Grooved, With Standard Trim	184.59	10.44
23 21 13 23-1744	EA	3" Butterfly Valve, Grooved, With Standard Trim	302.72	15.47
23 21 13 23-1745	EA	4" Butterfly Valve, Grooved, With Standard Trim	406.57	20.37
23 21 13 23-1746	EA	6" Butterfly Valve, Grooved, With Standard Trim	886.43	33.36
23 21 13 23-1747	EA	8" Butterfly Valve, Grooved, With Standard Trim	1,228.51	46.94
23 21 13 23-1748	EA	10" Butterfly Valve, Grooved, With Standard Trim	1,844.27	63.43

23 21 13 23-1749 Grooved Lug Type Butterfly Valves With Stainless Steel Trim *(23 21 13 23-1740)*

23 21 13 23-1750	EA	1-1/2" Butterfly Valve, Grooved, With Stainless Steel Trim	271.30	7.96
23 21 13 23-1751	EA	2" Butterfly Valve, Grooved, With Stainless Steel Trim	275.07	10.44
23 21 13 23-1752	EA	3" Butterfly Valve, Grooved, With Stainless Steel Trim	425.37	15.47
23 21 13 23-1753	EA	4" Butterfly Valve, Grooved, With Stainless Steel Trim	541.28	20.37
23 21 13 23-1754	EA	6" Butterfly Valve, Grooved, With Stainless Steel Trim	1,035.22	33.36
23 21 13 23-1755	EA	8" Butterfly Valve, Grooved, With Stainless Steel Trim	1,719.10	46.94
23 21 13 23-1756	EA	10" Butterfly Valve, Grooved, With Stainless Steel Trim	2,708.83	63.43

23 21 13 23-1757 Grooved Ball Valves With Standard Trim And Handle *(23 21 13 23-1740)*

23 21 13 23-1758	EA	1-1/2" Ball Valve, Grooved, With Standard Trim	152.70	7.81
23 21 13 23-1759	EA	2" Ball Valve, Grooved, With Standard Trim	175.06	10.73
23 21 13 23-1760	EA	2-1/2" Ball Valve, Grooved, With Standard Trim	398.57	13.14
23 21 13 23-1761	EA	3" Ball Valve, Grooved, With Standard Trim	653.00	15.55
23 21 13 23-1762	EA	4" Ball Valve, Grooved, With Standard Trim	1,016.52	20.44
23 21 13 23-1763	EA	6" Ball Valve, Grooved, With Standard Trim	3,157.67	33.58

23 21 13 23-1764 Grooved Ball Valves With Stainless Steel Trim And Handle *(23 21 13 23-1740)*

23 21 13 23-1765	EA	1-1/2" Ball Valve, Grooved, With Stainless Steel Trim	162.60	7.81
23 21 13 23-1766	EA	2" Ball Valve, Grooved, With Stainless Steel Trim	277.93	10.73
23 21 13 23-1767	EA	2-1/2" Ball Valve, Grooved, With Stainless Steel Trim	722.92	13.14
23 21 13 23-1768	EA	3" Ball Valve, Grooved, With Stainless Steel Trim	934.72	15.55
23 21 13 23-1769	EA	4" Ball Valve, Grooved, With Stainless Steel Trim	1,276.85	20.44
23 21 13 23-1770	EA	6" Ball Valve, Grooved, With Stainless Steel Trim	3,480.26	33.58

23 21 13 23-1771 Grooved Check Valves *(23 21 13 23-1740)*

23 21 13 23-1772	EA	2" Check Valve, Grooved	231.69	10.73
23 21 13 23-1773	EA	2-1/2" Check Valve, Grooved	375.70	13.14
23 21 13 23-1774	EA	3" Check Valve, Grooved	437.77	15.55
23 21 13 23-1775	EA	4" Check Valve, Grooved	620.36	20.44

23 21 13 23-1776 Grooved Vic-Check Check Valves *(23 21 13 23-1740)*

23 21 13 23-1777	EA	2-1/2" "Vic-Check" Check Valve, Grooved	300.47	13.14
23 21 13 23-1778	EA	3" "Vic-Check" Check Valve, Grooved	304.02	15.55
23 21 13 23-1779	EA	4" "Vic-Check" Check Valve, Grooved	381.10	20.44
23 21 13 23-1780	EA	6" "Vic-Check" Check Valve, Grooved	742.30	33.58
23 21 13 23-1781	EA	8" "Vic-Check" Check Valve, Grooved	1,015.78	46.72
23 21 13 23-1782	EA	10" "Vic-Check" Check Valve, Grooved	2,832.39	63.29
23 21 13 23-1783	EA	12" "Vic-Check" Check Valve, Grooved	3,353.88	73.07

23 21 13 23-1784 Grooved Plug Valves With Lever Operator *(23 21 13 23-1740)*

23 21 13 23-1785	EA	3" Balancing Plug Valve, Grooved, With Lever Handle	357.00	15.55
23 21 13 23-1786	EA	4" Balancing Plug Valve, Grooved, With Lever Handle	397.85	20.44
23 21 13 23-1787	EA	6" Balancing Plug Valve, Grooved, With Lever Handle	708.71	33.58

23 21 13 23-1788 Grooved Plug Valve With Gear Operator *(23 21 13 23-1740)*

23 21 13 23-1789	EA	3" Balancing Plug Valve, Grooved, With Gear Operator	626.17	15.55
23 21 13 23-1790	EA	4" Balancing Plug Valve, Grooved, With Gear Operator	667.04	20.44
23 21 13 23-1791	EA	6" Balancing Plug Valve, Grooved, With Gear Operator	977.90	33.58
23 21 13 23-1792	EA	8" Balancing Plug Valve, Grooved, With Gear Operator	1,309.04	46.72
23 21 13 23-1793	EA	10" Balancing Plug Valve, Grooved, With Gear Operator	2,048.86	63.29
23 21 13 23-1794	EA	12" Balancing Plug Valve, Grooved, With Gear Operator	2,955.79	73.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1795		**Prepare Pipe For Groove** *(23 21 13 23-1246)*		
23 21 13 23-1796		**Cut Grooved Pipe** *(23 21 13 23-1795)*		
		Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.		
23 21 13 23-1797	EA	Cut 3/4" Groove	7.65	
23 21 13 23-1798	EA	Cut 1" Groove	8.30	
23 21 13 23-1799	EA	Cut 1-1/4" Groove	9.37	
23 21 13 23-1800	EA	Cut 1-1/2" Groove	10.20	
23 21 13 23-1801	EA	Cut 2" Groove	11.17	
23 21 13 23-1802	EA	Cut 2-1/2" Groove	12.11	
23 21 13 23-1803	EA	Cut 3" Groove	13.21	
23 21 13 23-1804	EA	Cut 3-1/2" Groove	14.00	
23 21 13 23-1805	EA	Cut 4" Groove	14.90	
23 21 13 23-1806	EA	Cut 5" Groove	16.14	
23 21 13 23-1807	EA	Cut 6" Groove	16.60	
23 21 13 23-1808	EA	Cut 8" Groove	21.53	
23 21 13 23-1809	EA	Cut 10" Groove	30.59	
23 21 13 23-1810	EA	Cut 12" Groove	38.75	
23 21 13 23-1811	EA	Cut 14" Groove	58.12	
23 21 13 23-1812	EA	Cut 16" Groove	61.17	
23 21 13 23-1813	EA	Cut 18" Groove	64.58	
23 21 13 23-1814	EA	Cut 20" Groove	68.38	
23 21 13 23-1815	EA	Cut 24" Groove	77.49	
23 21 13 23-1816		**Roll Grooved Pipe** *(23 21 13 23-1795)*		
		Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.		
23 21 13 23-1817	EA	Roll 3/4" Groove	4.37	
23 21 13 23-1818	EA	Roll 1" Groove	5.10	
23 21 13 23-1819	EA	Roll 1-1/4" Groove	5.81	
23 21 13 23-1820	EA	Roll 1-1/2" Groove	6.53	
23 21 13 23-1821	EA	Roll 2" Groove	10.02	
23 21 13 23-1822	EA	Roll 2-1/2" Groove	10.57	
23 21 13 23-1823	EA	Roll 3" Groove	11.63	
23 21 13 23-1824	EA	Roll 3-1/2" Groove	12.36	
23 21 13 23-1825	EA	Roll 4" Groove	13.52	
23 21 13 23-1826	EA	Roll 5" Groove	13.84	
23 21 13 23-1827	EA	Roll 6" Groove	14.53	
23 21 13 23-1828	EA	Roll 8" Groove	17.61	
23 21 13 23-1829	EA	Roll 10" Groove	20.04	
23 21 13 23-1830	EA	Roll 12" Groove	25.27	
23 21 13 23-1831	EA	Roll 14" Groove	38.75	
23 21 13 23-1832	EA	Roll 16" Groove	41.52	
23 21 13 23-1833	EA	Roll 18" Groove	43.05	
23 21 13 23-1834	EA	Roll 20" Groove	46.49	
23 21 13 23-1835	EA	Roll 24" Groove	50.53	
23 21 13 23-1836		**Standard Gaskets** *(23 21 13 23-1795)*		
		Note: For use on replacement of existing gaskets.		
23 21 13 23-1837	EA	3/4" Grooved Standard Gasket, EPDM "E" Or Nitrile "T"	18.25	
23 21 13 23-1838	EA	1" Grooved Standard Gasket, EPDM "E" Or Nitrile "T"	18.86	
23 21 13 23-1839	EA	1-1/4" Grooved Standard Gasket, EPDM "E" Or Nitrile "T"	19.70	
23 21 13 23-1840	EA	1-1/2" Grooved Standard Gasket, EPDM "E" Or Nitrile "T"	21.57	
23 21 13 23-1841	EA	2" Grooved Standard Gasket, EPDM "E" Or Nitrile "T"	22.01	
23 21 13 23-1842	EA	2-1/2" Grooved Standard Gasket, EPDM "E" Or Nitrile "T"	25.91	
23 21 13 23-1843	EA	3" Grooved Standard Gasket, EPDM "E" Or Nitrile "T"	28.37	
23 21 13 23-1844	EA	3-1/2" Grooved Standard Gasket, EPDM "E" Or Nitrile "T"	35.10	
23 21 13 23-1845	EA	4" Grooved Standard Gasket, EPDM "E" Or Nitrile "T"	35.45	
23 21 13 23-1846	EA	5" Grooved Standard Gasket, EPDM "E" Or Nitrile "T"	44.44	
23 21 13 23-1847	EA	6" Grooved Standard Gasket, EPDM "E" Or Nitrile "T"	47.82	
23 21 13 23-1848	EA	8" Grooved Standard Gasket, EPDM "E" Or Nitrile "T"	65.08	
23 21 13 23-1849	EA	10" Grooved Standard Gasket, EPDM "E" Or Nitrile "T"	81.88	
23 21 13 23-1850	EA	12" Grooved Standard Gasket, EPDM "E" Or Nitrile "T"	96.38	
23 21 13 23-1851	EA	14" Grooved Standard Gasket, EPDM "E" Or Nitrile "T"	134.42	
23 21 13 23-1852	EA	16" Grooved Standard Gasket, EPDM "E" Or Nitrile "T"	180.35	
23 21 13 23-1853	EA	18" Grooved Standard Gasket, EPDM "E" Or Nitrile "T"	214.26	
23 21 13 23-1854	EA	20" Grooved Standard Gasket, EPDM "E" Or Nitrile "T"	319.42	
23 21 13 23-1855	EA	24" Grooved Standard Gasket, EPDM "E" Or Nitrile "T"	438.32	
23 21 13 23-1856		**Copper Grooved-Joint Pipe Fittings** *(23 21 13 23)*		
		Note: Couplings are not included with fittings.		
23 21 13 23-1857		**Grooved Fittings** *(23 21 13 23-1856)*		
23 21 13 23-1858		**Grooved 90 Degree Elbows** *(23 21 13 23-1857)*		
23 21 13 23-1859	EA	2" Copper 90 Degree Elbow, Grooved	41.18	11.90
23 21 13 23-1860	EA	2-1/2" Copper 90 Degree Elbow, Grooved	47.94	14.53
23 21 13 23-1861	EA	3" Copper 90 Degree Elbow, Grooved	61.94	17.59
23 21 13 23-1862	EA	4" Copper 90 Degree Elbow, Grooved	109.06	23.21
23 21 13 23-1863	EA	5" Copper 90 Degree Elbow, Grooved	237.17	29.06
23 21 13 23-1864	EA	6" Copper 90 Degree Elbow, Grooved	362.32	38.03
23 21 13 23-1865	EA	8" Copper 90 Degree Elbow, Grooved	628.62	45.26

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1866		**Grooved 45 Degree Elbows** *(23 21 13 23-1857)*		
23 21 13 23-1867	EA	2" Copper 45 Degree Elbow, Grooved	41.18	11.90
23 21 13 23-1868	EA	2-1/2" Copper 45 Degree Elbow, Grooved	47.94	14.53
23 21 13 23-1869	EA	3" Copper 45 Degree Elbow, Grooved	61.94	17.59
23 21 13 23-1870	EA	4" Copper 45 Degree Elbow, Grooved	109.06	23.21
23 21 13 23-1871	EA	5" Copper 45 Degree Elbow, Grooved	237.17	29.06
23 21 13 23-1872	EA	6" Copper 45 Degree Elbow, Grooved	362.32	38.03
23 21 13 23-1873	EA	8" Copper 45 Degree Elbow, Grooved	628.62	45.26
23 21 13 23-1874		**Grooved Tees** *(23 21 13 23-1857)*		
23 21 13 23-1875	EA	2" Copper Tee, Grooved	64.04	17.52
23 21 13 23-1876	EA	2-1/2" Copper Tee, Grooved	73.89	21.53
23 21 13 23-1877	EA	3" Copper Tee, Grooved	99.14	26.43
23 21 13 23-1878	EA	4" Copper Tee, Grooved	170.80	34.16
23 21 13 23-1879	EA	5" Copper Tee, Grooved	378.24	44.67
23 21 13 23-1880	EA	6" Copper Tee, Grooved	469.05	55.91
23 21 13 23-1881	EA	8" Copper Tee, Grooved	774.30	67.88
23 21 13 23-1882		**Grooved Reducing Tees** *(23 21 13 23-1857)*		
23 21 13 23-1883	EA	2-1/2" Copper Tee, Reducing, Grooved	89.63	21.53
23 21 13 23-1884	EA	3" Copper Tee, Reducing, Grooved	107.83	26.43
23 21 13 23-1885	EA	4" Copper Tee, Reducing, Grooved	203.54	34.23
23 21 13 23-1886	EA	5" Copper Tee, Reducing, Grooved	503.65	44.75
23 21 13 23-1887	EA	6" Copper Tee, Reducing, Grooved	617.88	55.91
23 21 13 23-1888		**Grooved X Cup Reducing Tees** *(23 21 13 23-1857)*		
23 21 13 23-1889	EA	2" Copper Tee, Reducing, Grooved X Cup	72.37	17.52
23 21 13 23-1890	EA	2-1/2" Copper Tee, Reducing, Grooved X Cup	89.71	21.53
23 21 13 23-1891	EA	3" Copper Tee, Reducing, Grooved X Cup	107.83	26.43
23 21 13 23-1892	EA	4" Copper Tee, Reducing, Grooved X Cup	203.54	34.16
23 21 13 23-1893		**Grooved Flanged Adapter Nipples** *(23 21 13 23-1857)*		
23 21 13 23-1894	EA	2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	116.97	12.92
23 21 13 23-1895	EA	2-1/2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	126.40	15.70
23 21 13 23-1896	EA	3" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	136.87	18.76
23 21 13 23-1897	EA	4" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	159.57	25.26
23 21 13 23-1898	EA	5" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	207.97	30.59
23 21 13 23-1899	EA	6" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	242.74	41.32
23 21 13 23-1900		**Grooved Concentric Reducers** *(23 21 13 23-1857)*		
23 21 13 23-1901	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved	51.92	13.29
23 21 13 23-1902	EA	3" x 2" Copper Concentric Reducer, Grooved	54.84	14.82
23 21 13 23-1903	EA	3" x 2-1/2" Copper Concentric Reducer, Grooved	60.50	17.59
23 21 13 23-1904	EA	4" x 2" Copper Concentric Reducer, Grooved	88.04	17.74
23 21 13 23-1905	EA	4" x 2-1/2" Copper Concentric Reducer, Grooved	90.59	18.98
23 21 13 23-1906	EA	4" x 3" Copper Concentric Reducer, Grooved	93.51	20.44
23 21 13 23-1907	EA	5" x 3" Copper Concentric Reducer, Grooved	196.35	23.36
23 21 13 23-1908	EA	5" x 4" Copper Concentric Reducer, Grooved	202.19	26.27
23 21 13 23-1909	EA	6" x 3" Copper Concentric Reducer, Grooved	217.50	27.74
23 21 13 23-1910	EA	6" x 4" Copper Concentric Reducer, Grooved	223.34	30.66
23 21 13 23-1911	EA	6" x 5" Copper Concentric Reducer, Grooved	229.19	33.58
23 21 13 23-1912	EA	8" x 6" Copper Concentric Reducer, Grooved	368.31	41.61
23 21 13 23-1913		**Grooved X Cup Concentric Reducers** *(23 21 13 23-1857)*		
23 21 13 23-1914	EA	2" x 1" Copper Concentric Reducer, Grooved X Cup	39.62	9.34
23 21 13 23-1915	EA	2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	40.34	9.71
23 21 13 23-1916	EA	2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	42.58	10.80
23 21 13 23-1917	EA	2-1/2" x 1" Copper Concentric Reducer, Grooved X Cup	46.59	10.44
23 21 13 23-1918	EA	2-1/2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	47.32	10.80
23 21 13 23-1919	EA	2-1/2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	49.47	11.90
23 21 13 23-1920	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved X Cup	52.38	13.29
23 21 13 23-1921	EA	3" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	58.65	13.29
23 21 13 23-1922	EA	3" x 2" Copper Concentric Reducer, Grooved X Cup	61.57	14.82
23 21 13 23-1923	EA	4" x 2" Copper Concentric Reducer, Grooved X Cup	95.72	17.66
23 21 13 23-1924		**Grooved Standard Couplings** *(23 21 13 23-1857)*		
23 21 13 23-1925	EA	2" Copper Standard Coupling, Grooved	23.07	5.98
23 21 13 23-1926	EA	2-1/2" Copper Standard Coupling, Grooved	27.22	7.30
23 21 13 23-1927	EA	3" Copper Standard Coupling, Grooved	31.54	8.68
23 21 13 23-1928	EA	4" Copper Standard Coupling, Grooved	45.07	11.68
23 21 13 23-1929	EA	5" Copper Standard Coupling, Grooved	66.54	14.53
23 21 13 23-1930	EA	6" Copper Standard Coupling, Grooved	88.09	18.98
23 21 13 23-1931	EA	8" Copper Standard Coupling, Grooved	123.12	22.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1932		**Grooved Caps** *(23 21 13 23-1857)*		
23 21 13 23-1933	EA	2" Copper Cap, Grooved	23.75	5.98
23 21 13 23-1934	EA	2-1/2" Copper Cap, Grooved	27.85	7.30
23 21 13 23-1935	EA	3" Copper Cap, Grooved	34.10	8.68
23 21 13 23-1936	EA	4" Copper Cap, Grooved	57.03	11.61
23 21 13 23-1937	EA	5" Copper Cap, Grooved	186.53	14.53
23 21 13 23-1938	EA	6" Copper Cap, Grooved	320.96	18.98
23 21 13 23-1939		**Grooved Valves** *(23 21 13 23-1856)*		
23 21 13 23-1940		**Grooved Butterfly Valves, Standard Trim, Without Operator** *(23 21 13 23-1939)*		
		Note: Copper body.		
23 21 13 23-1941	EA	2" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	298.32	7.81
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-1942	EA	3" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	339.80	11.61
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-1943	EA	4" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	449.16	15.25
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-1944	EA	6" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	600.19	25.04
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-1945	EA	8" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	663.07	35.18
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-1946		**Grooved Butterfly Valves, Standard Trim, With Operator** *(23 21 13 23-1939)*		
		Note: Copper body.		
23 21 13 23-1947	EA	2" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	364.12	7.81
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-1948	EA	3" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	405.65	11.61
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-1949	EA	4" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	515.00	15.25
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-1950	EA	6" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	666.08	25.04
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-1951	EA	8" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	728.91	35.18
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-1952		**Polyvinyl Chloride (PVC) Pressure Pipe And Fittings** *(23 21 13 23)*		
		Note: Socket or back weld.		
23 21 13 23-1953		**Schedule 40 PVC Pressure Pipe And Fittings** *(23 21 13 23-1952)*		
		Note: ASTM D1785 with D2466 fittings.		
23 21 13 23-1954		**Schedule 40 PVC Pressure Pipe** *(23 21 13 23-1953)*		
23 21 13 23-1955	LF	1/2" Schedule 40 PVC Pressure Pipe	3.31	2.12
		For Work In Restricted Working Space, Add	*0.94*	
23 21 13 23-1956	LF	3/4" Schedule 40 PVC Pressure Pipe	4.15	2.63
		For Work In Restricted Working Space, Add	*1.17*	
23 21 13 23-1957	LF	1" Schedule 40 PVC Pressure Pipe	4.51	2.77
		For Work In Restricted Working Space, Add	*1.25*	
23 21 13 23-1958	LF	1-1/4" Schedule 40 PVC Pressure Pipe	4.94	2.99
		For Work In Restricted Working Space, Add	*1.35*	
23 21 13 23-1959	LF	1-1/2" Schedule 40 PVC Pressure Pipe	5.07	3.06
		For Work In Restricted Working Space, Add	*1.37*	
23 21 13 23-1960	LF	2" Schedule 40 PVC Pressure Pipe	6.17	3.65
		For Work In Restricted Working Space, Add	*1.64*	
23 21 13 23-1961	LF	2-1/2" Schedule 40 PVC Pressure Pipe	7.59	4.30
		For Work In Restricted Working Space, Add	*1.95*	
23 21 13 23-1962	LF	3" Schedule 40 PVC Pressure Pipe	9.28	5.26
		For Work In Restricted Working Space, Add	*2.36*	
23 21 13 23-1963	LF	4" Schedule 40 PVC Pressure Pipe	13.84	7.89
		For Work In Restricted Working Space, Add	*3.53*	
23 21 13 23-1964	LF	6" Schedule 40 PVC Pressure Pipe	19.30	10.44
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-1965	LF	8" Schedule 40 PVC Pressure Pipe	24.19	12.48
		For Work In Restricted Working Space, Add	*5.62*	
23 21 13 23-1966	LF	10" Schedule 40 PVC Pressure Pipe	37.61	13.94
		For Work In Restricted Working Space, Add	*6.26*	
23 21 13 23-1967		**Schedule 40 PVC 90 Degree Elbows** *(23 21 13 23-1953)*		
23 21 13 23-1968	EA	1/2" Schedule 40 PVC 90 Degree Elbows	11.90	7.89
		For Work In Restricted Working Space, Add	*3.53*	
23 21 13 23-1969	EA	3/4" Schedule 40 PVC 90 Degree Elbows	15.86	10.44
		For Work In Restricted Working Space, Add	*4.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1970	EA	1" Schedule 40 PVC 90 Degree Elbows	19.75	13.00
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-1971	EA	1-1/4" Schedule 40 PVC 90 Degree Elbows	28.07	18.40
		For Work In Restricted Working Space, Add	*8.26*	
23 21 13 23-1972	EA	1-1/2" Schedule 40 PVC 90 Degree Elbows	31.63	20.73
		For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-1973	EA	2" Schedule 40 PVC 90 Degree Elbows	40.35	26.36
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-1974	EA	2-1/2" Schedule 40 PVC 90 Degree Elbows	61.10	38.98
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-1975	EA	3" Schedule 40 PVC 90 Degree Elbows	80.10	51.24
		For Work In Restricted Working Space, Add	*23.05*	
23 21 13 23-1976	EA	4" Schedule 40 PVC 90 Degree Elbows	97.07	60.88
		For Work In Restricted Working Space, Add	*27.38*	
23 21 13 23-1977	EA	6" Schedule 40 PVC 90 Degree Elbows	118.21	69.57
		For Work In Restricted Working Space, Add	*31.28*	
23 21 13 23-1978	EA	8" Schedule 40 PVC 90 Degree Elbows	157.54	81.17
		For Work In Restricted Working Space, Add	*36.50*	
23 21 13 23-1979	EA	10" Schedule 40 PVC 90 Degree Elbows	235.16	121.03
		For Work In Restricted Working Space, Add	*54.42*	

23 21 13 23-1980 Schedule 40 PVC 45 Degree Elbows *(23 21 13 23-1953)*

23 21 13 23-1981	EA	1/2" Schedule 40 PVC 45 Degree Elbows	11.95	7.89
		For Work In Restricted Working Space, Add	*3.53*	
23 21 13 23-1982	EA	3/4" Schedule 40 PVC 45 Degree Elbows	15.98	10.44
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-1983	EA	1" Schedule 40 PVC 45 Degree Elbows	19.91	13.00
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-1984	EA	1-1/4" Schedule 40 PVC 45 Degree Elbows	28.18	18.40
		For Work In Restricted Working Space, Add	*8.26*	
23 21 13 23-1985	EA	1-1/2" Schedule 40 PVC 45 Degree Elbows	31.86	20.73
		For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-1986	EA	2" Schedule 40 PVC 45 Degree Elbows	40.50	26.36
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-1987	EA	2-1/2" Schedule 40 PVC 45 Degree Elbows	61.10	38.98
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-1988	EA	3" Schedule 40 PVC 45 Degree Elbows	81.07	51.24
		For Work In Restricted Working Space, Add	*23.05*	
23 21 13 23-1989	EA	4" Schedule 40 PVC 45 Degree Elbows	98.84	60.88
		For Work In Restricted Working Space, Add	*27.38*	
23 21 13 23-1990	EA	6" Schedule 40 PVC 45 Degree Elbows	118.38	69.57
		For Work In Restricted Working Space, Add	*31.28*	
23 21 13 23-1991	EA	8" Schedule 40 PVC 45 Degree Elbows	155.58	81.17
		For Work In Restricted Working Space, Add	*36.50*	
23 21 13 23-1992	EA	10" Schedule 40 PVC 45 Degree Elbows	235.16	121.03
		For Work In Restricted Working Space, Add	*54.42*	

23 21 13 23-1993 Schedule 40 PVC Tees *(23 21 13 23-1953)*

23 21 13 23-1994	EA	1/2" Schedule 40 PVC Tees	19.60	13.00
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-1995	EA	3/4" Schedule 40 PVC Tees	23.69	15.70
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-1996	EA	1" Schedule 40 PVC Tees	31.35	20.73
		For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-1997	EA	1-1/4" Schedule 40 PVC Tees	39.92	26.36
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-1998	EA	1-1/2" Schedule 40 PVC Tees	47.67	31.39
		For Work In Restricted Working Space, Add	*14.13*	
23 21 13 23-1999	EA	2" Schedule 40 PVC Tees	59.21	38.98
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-2000	EA	2-1/2" Schedule 40 PVC Tees	79.58	51.24
		For Work In Restricted Working Space, Add	*23.05*	
23 21 13 23-2001	EA	3" Schedule 40 PVC Tees	94.83	60.88
		For Work In Restricted Working Space, Add	*27.38*	
23 21 13 23-2002	EA	4" Schedule 40 PVC Tees	128.15	81.17
		For Work In Restricted Working Space, Add	*36.50*	
23 21 13 23-2003	EA	6" Schedule 40 PVC Tees	178.86	104.67
		For Work In Restricted Working Space, Add	*47.09*	
23 21 13 23-2004	EA	8" Schedule 40 PVC Tees	245.42	129.86
		For Work In Restricted Working Space, Add	*58.40*	
23 21 13 23-2005	EA	10" Schedule 40 PVC Tees	489.58	194.03
		For Work In Restricted Working Space, Add	*87.27*	

23 21 13 23-2006 Schedule 40 PVC Crosses *(23 21 13 23-1953)*

23 21 13 23-2007	EA	1/2" Schedule 40 PVC Crosses	24.55	16.21
		For Work In Restricted Working Space, Add	*7.30*	
23 21 13 23-2008	EA	3/4" Schedule 40 PVC Crosses	29.68	19.64
		For Work In Restricted Working Space, Add	*8.83*	
23 21 13 23-2009	EA	1" Schedule 40 PVC Crosses	39.28	25.91
		For Work In Restricted Working Space, Add	*11.65*	
23 21 13 23-2010	EA	1-1/4" Schedule 40 PVC Crosses	50.06	32.92
		For Work In Restricted Working Space, Add	*14.80*	
23 21 13 23-2011	EA	1-1/2" Schedule 40 PVC Crosses	59.76	39.27
		For Work In Restricted Working Space, Add	*17.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2012	EA	2" Schedule 40 PVC Crosses	74.29	48.69
		For Work In Restricted Working Space, Add	*21.90*	
23 21 13 23-2013	EA	2-1/2" Schedule 40 PVC Crosses	100.34	64.09
		For Work In Restricted Working Space, Add	*28.82*	
23 21 13 23-2014	EA	3" Schedule 40 PVC Crosses	119.66	76.06
		For Work In Restricted Working Space, Add	*34.22*	
23 21 13 23-2015	EA	4" Schedule 40 PVC Crosses	162.26	101.46
		For Work In Restricted Working Space, Add	*45.62*	
23 21 13 23-2016	EA	6" Schedule 40 PVC Crosses	230.45	130.81
		For Work In Restricted Working Space, Add	*58.84*	
23 21 13 23-2017	EA	8" Schedule 40 PVC Crosses	322.78	162.20
		For Work In Restricted Working Space, Add	*72.96*	
23 21 13 23-2018	EA	10" Schedule 40 PVC Crosses	675.24	242.64
		For Work In Restricted Working Space, Add	*109.14*	

23 21 13 23-2019 Schedule 40 PVC Reducing Inserts *(23 21 13 23-1953)*

23 21 13 23-2020	EA	3/4" Schedule 40 PVC Reducing Inserts	15.80	10.44
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-2021	EA	1" Schedule 40 PVC Reducing Inserts	19.68	13.00
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-2022	EA	1-1/4" Schedule 40 PVC Reducing Inserts	27.83	18.40
		For Work In Restricted Working Space, Add	*8.26*	
23 21 13 23-2023	EA	1-1/2" Schedule 40 PVC Reducing Inserts	31.36	20.73
		For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-2024	EA	2" Schedule 40 PVC Reducing Inserts	39.97	26.36
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-2025	EA	2-1/2" Schedule 40 PVC Reducing Inserts	59.20	38.98
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-2026	EA	3" Schedule 40 PVC Reducing Inserts	78.06	51.24
		For Work In Restricted Working Space, Add	*23.05*	
23 21 13 23-2027	EA	4" Schedule 40 PVC Reducing Inserts	94.00	60.88
		For Work In Restricted Working Space, Add	*27.38*	
23 21 13 23-2028	EA	6" Schedule 40 PVC Reducing Inserts	111.11	69.57
		For Work In Restricted Working Space, Add	*31.28*	
23 21 13 23-2029	EA	8" Schedule 40 PVC Reducing Inserts	160.92	81.17
		For Work In Restricted Working Space, Add	*36.50*	
23 21 13 23-2030	EA	10" Schedule 40 PVC Reducing Inserts	184.92	94.24
		For Work In Restricted Working Space, Add	*42.40*	

23 21 13 23-2031 Schedule 40 PVC Threaded Reducing Inserts *(23 21 13 23-1953)*

23 21 13 23-2032	EA	1/2" Schedule 40 PVC Threaded Reducing Inserts	12.02	7.89
		For Work In Restricted Working Space, Add	*3.53*	
23 21 13 23-2033	EA	3/4" Schedule 40 PVC Threaded Reducing Inserts	15.94	10.44
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-2034	EA	1" Schedule 40 PVC Threaded Reducing Inserts	19.76	13.00
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-2035	EA	1-1/4" Schedule 40 PVC Threaded Reducing Inserts	28.00	18.40
		For Work In Restricted Working Space, Add	*8.26*	
23 21 13 23-2036	EA	1-1/2" Schedule 40 PVC Threaded Reducing Inserts	31.59	20.73
		For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-2037	EA	2" Schedule 40 PVC Threaded Reducing Inserts	40.19	26.36
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-2038	EA	2-1/2" Schedule 40 PVC Threaded Reducing Inserts	59.44	38.98
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-2039	EA	3" Schedule 40 PVC Threaded Reducing Inserts	78.06	51.24
		For Work In Restricted Working Space, Add	*23.05*	
23 21 13 23-2040	EA	4" Schedule 40 PVC Threaded Reducing Inserts	94.00	60.88
		For Work In Restricted Working Space, Add	*27.38*	

23 21 13 23-2041 Schedule 40 PVC Socket Weld X Threaded Male Adapters *(23 21 13 23-1953)*

23 21 13 23-2042	EA	1/2" Schedule 40 PVC Socket Weld X Threaded Male Adapters	12.10	7.89
		For Work In Restricted Working Space, Add	*3.53*	
23 21 13 23-2043	EA	3/4" Schedule 40 PVC Socket Weld X Threaded Male Adapters	16.02	10.44
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-2044	EA	1" Schedule 40 PVC Socket Weld X Threaded Male Adapters	19.92	13.00
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-2045	EA	1-1/4" Schedule 40 PVC Socket Weld X Threaded Male Adapters	28.10	18.40
		For Work In Restricted Working Space, Add	*8.26*	
23 21 13 23-2046	EA	1-1/2" Schedule 40 PVC Socket Weld X Threaded Male Adapters	31.80	20.73
		For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-2047	EA	2" Schedule 40 PVC Socket Weld X Threaded Male Adapters	40.38	26.36
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-2048	EA	2-1/2" Schedule 40 PVC Socket Weld X Threaded Male Adapters	59.65	38.98
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-2049	EA	3" Schedule 40 PVC Socket Weld X Threaded Male Adapters	78.69	51.24
		For Work In Restricted Working Space, Add	*23.05*	
23 21 13 23-2050	EA	4" Schedule 40 PVC Socket Weld X Threaded Male Adapters	93.63	60.88
		For Work In Restricted Working Space, Add	*27.38*	

23 21 13 23-2051 Schedule 40 PVC Socket Weld X Threaded Female Adapters *(23 21 13 23-1953)*

23 21 13 23-2052	EA	1/2" Schedule 40 PVC Socket Weld X Threaded Female Adapters	11.90	7.89
		For Work In Restricted Working Space, Add	*3.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2053	EA	3/4" Schedule 40 PVC Socket Weld X Threaded Female Adapters	15.85	10.44
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-2054	EA	1" Schedule 40 PVC Socket Weld X Threaded Female Adapters	19.63	13.00
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-2055	EA	1-1/4" Schedule 40 PVC Socket Weld X Threaded Female Adapters	27.82	18.40
		For Work In Restricted Working Space, Add	*8.26*	
23 21 13 23-2056	EA	1-1/2" Schedule 40 PVC Socket Weld X Threaded Female Adapters	31.38	20.73
		For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-2057	EA	2" Schedule 40 PVC Socket Weld X Threaded Female Adapters	39.90	26.36
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-2058	EA	2-1/2" Schedule 40 PVC Socket Weld X Threaded Female Adapters	60.30	38.98
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-2059	EA	3" Schedule 40 PVC Socket Weld X Threaded Female Adapters	79.41	51.24
		For Work In Restricted Working Space, Add	*23.05*	
23 21 13 23-2060	EA	4" Schedule 40 PVC Socket Weld X Threaded Female Adapters	95.50	60.88
		For Work In Restricted Working Space, Add	*27.38*	

23 21 13 23-2061 Schedule 40 PVC P-Traps *(23 21 13 23-1953)*

23 21 13 23-2062	EA	3/4" Schedule 40 PVC P-Traps	16.91	10.73
		For Work In Restricted Working Space, Add	*4.82*	

23 21 13 23-2063 Schedule 40 PVC Couplings *(23 21 13 23-1953)*

23 21 13 23-2064	EA	1/2" Schedule 40 PVC Couplings	11.85	7.89
		For Work In Restricted Working Space, Add	*3.53*	
23 21 13 23-2065	EA	3/4" Schedule 40 PVC Couplings	15.79	10.44
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-2066	EA	1" Schedule 40 PVC Couplings	19.63	13.00
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-2067	EA	1-1/4" Schedule 40 PVC Couplings	27.77	18.40
		For Work In Restricted Working Space, Add	*8.26*	
23 21 13 23-2068	EA	1-1/2" Schedule 40 PVC Couplings	31.32	20.73
		For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-2069	EA	2" Schedule 40 PVC Couplings	39.85	26.36
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-2070	EA	2-1/2" Schedule 40 PVC Couplings	59.27	38.98
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-2071	EA	3" Schedule 40 PVC Couplings	78.22	51.24
		For Work In Restricted Working Space, Add	*23.05*	
23 21 13 23-2072	EA	4" Schedule 40 PVC Couplings	93.26	60.88
		For Work In Restricted Working Space, Add	*27.38*	
23 21 13 23-2073	EA	6" Schedule 40 PVC Couplings	110.63	69.57
		For Work In Restricted Working Space, Add	*31.28*	
23 21 13 23-2074	EA	8" Schedule 40 PVC Couplings	133.53	81.17
		For Work In Restricted Working Space, Add	*36.50*	
23 21 13 23-2075	EA	10" Schedule 40 PVC Couplings	184.89	87.01
		For Work In Restricted Working Space, Add	*39.12*	

23 21 13 23-2076 Schedule 40 PVC Unions *(23 21 13 23-1953)*

23 21 13 23-2077	EA	1/2" Schedule 40 PVC Unions	20.85	13.00
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-2078	EA	3/4" Schedule 40 PVC Unions	25.50	15.70
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-2079	EA	1" Schedule 40 PVC Unions	33.25	20.73
		For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-2080	EA	1-1/4" Schedule 40 PVC Unions	44.79	26.36
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-2081	EA	1-1/2" Schedule 40 PVC Unions	52.66	31.39
		For Work In Restricted Working Space, Add	*14.13*	
23 21 13 23-2082	EA	2" Schedule 40 PVC Unions	65.89	38.98
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-2083	EA	2-1/2" Schedule 40 PVC Unions	90.45	51.24
		For Work In Restricted Working Space, Add	*23.05*	
23 21 13 23-2084	EA	3" Schedule 40 PVC Unions	105.67	60.88
		For Work In Restricted Working Space, Add	*27.38*	
23 21 13 23-2085	EA	4" Schedule 40 PVC Unions	150.26	81.17
		For Work In Restricted Working Space, Add	*36.50*	
23 21 13 23-2086	EA	6" Schedule 40 PVC Unions	195.24	104.67
		For Work In Restricted Working Space, Add	*47.07*	
23 21 13 23-2087	EA	8" Schedule 40 PVC Unions	257.79	129.79
		For Work In Restricted Working Space, Add	*58.37*	
23 21 13 23-2088	EA	10" Schedule 40 PVC Unions	345.82	161.10
		For Work In Restricted Working Space, Add	*72.47*	

23 21 13 23-2089 Schedule 40 PVC Caps *(23 21 13 23-1953)*

23 21 13 23-2090	EA	1/2" Schedule 40 PVC Caps	12.03	8.00
		For Work In Restricted Working Space, Add	*3.58*	
23 21 13 23-2091	EA	3/4" Schedule 40 PVC Caps	15.82	10.44
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-2092	EA	1" Schedule 40 PVC Caps	19.65	13.00
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-2093	EA	1-1/4" Schedule 40 PVC Caps	28.20	18.66
		For Work In Restricted Working Space, Add	*8.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2094	EA	1-1/2" Schedule 40 PVC Caps	31.34	20.73
		For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-2095	EA	2" Schedule 40 PVC Caps	39.80	26.36
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-2096	EA	2-1/2" Schedule 40 PVC Caps	59.49	38.98
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-2097	EA	3" Schedule 40 PVC Caps	78.03	51.24
		For Work In Restricted Working Space, Add	*23.05*	
23 21 13 23-2098	EA	4" Schedule 40 PVC Caps	93.99	60.88
		For Work In Restricted Working Space, Add	*27.38*	
23 21 13 23-2099	EA	6" Schedule 40 PVC Caps	110.83	69.57
		For Work In Restricted Working Space, Add	*31.28*	
23 21 13 23-2100	EA	8" Schedule 40 PVC Caps	143.57	81.17
		For Work In Restricted Working Space, Add	*36.50*	
23 21 13 23-2101	EA	10" Schedule 40 PVC Caps	211.47	87.01
		For Work In Restricted Working Space, Add	*39.12*	

23 21 13 23-2102 Schedule 40 PVC 150 LB Flanges *(23 21 13 23-1953)*

23 21 13 23-2103	EA	1/2" Schedule 40 PVC 150 LB Socket Weld Flanges	21.79	13.00
		For Work In Restricted Working Space, Add	*5.84*	
23 21 13 23-2104	EA	3/4" Schedule 40 PVC 150 LB Flanges	27.11	15.70
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-2105	EA	1" Schedule 40 PVC 150 LB Flanges	35.04	20.73
		For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-2106	EA	1-1/4" Schedule 40 PVC 150 LB Flanges	43.55	26.36
		For Work In Restricted Working Space, Add	*11.84*	
23 21 13 23-2107	EA	1-1/2" Schedule 40 PVC 150 LB Flanges	51.28	31.39
		For Work In Restricted Working Space, Add	*14.13*	
23 21 13 23-2108	EA	2" Schedule 40 PVC 150 LB Flanges	63.95	38.98
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-2109	EA	2-1/2" Schedule 40 PVC 150 LB Flanges	85.43	51.24
		For Work In Restricted Working Space, Add	*23.05*	
23 21 13 23-2110	EA	3" Schedule 40 PVC 150 LB Flanges	100.73	60.88
		For Work In Restricted Working Space, Add	*27.38*	
23 21 13 23-2111	EA	4" Schedule 40 PVC 150 LB Flanges	133.67	81.17
		For Work In Restricted Working Space, Add	*36.50*	
23 21 13 23-2112	EA	6" Schedule 40 PVC 150 LB Flanges	175.79	104.67
		For Work In Restricted Working Space, Add	*47.07*	
23 21 13 23-2113	EA	8" Schedule 40 PVC 150 LB Flanges	237.15	129.79
		For Work In Restricted Working Space, Add	*58.37*	
23 21 13 23-2114	EA	10" Schedule 40 PVC 150 LB Flanges	337.21	160.88
		For Work In Restricted Working Space, Add	*72.36*	

23 21 13 23-2115 Schedule 80 PVC Pressure Pipe And Fittings *(23 21 13 23-1952)*

Note: ASTM D1785 with D2467 fittings.

23 21 13 23-2116 Schedule 80 PVC Pressure Pipe *(23 21 13 23-2115)*

23 21 13 23-2117	LF	1/2" Schedule 80 PVC Pressure Pipe	3.37	2.12
		For Work In Restricted Working Space, Add	*0.94*	
23 21 13 23-2118	LF	3/4" Schedule 80 PVC Pressure Pipe	4.21	2.63
		For Work In Restricted Working Space, Add	*1.17*	
23 21 13 23-2119	LF	1" Pipe Schedule 80 PVC	5.14	3.14
		For Work In Restricted Working Space, Add	*1.41*	
23 21 13 23-2120	LF	1-1/4" Schedule 80 PVC Pressure Pipe	6.09	3.65
		For Work In Restricted Working Space, Add	*1.65*	
23 21 13 23-2121	LF	1-1/2" Schedule 80 PVC Pressure Pipe	6.99	4.16
		For Work In Restricted Working Space, Add	*1.88*	
23 21 13 23-2122	LF	2" Schedule 80 PVC Pressure Pipe	8.90	5.26
		For Work In Restricted Working Space, Add	*2.36*	
23 21 13 23-2123	LF	2-1/2" Schedule 80 PVC Pressure Pipe	10.19	5.76
		For Work In Restricted Working Space, Add	*2.59*	
23 21 13 23-2124	LF	3" Schedule 80 PVC Pressure Pipe	11.50	6.28
		For Work In Restricted Working Space, Add	*2.83*	
23 21 13 23-2125	LF	4" Schedule 80 PVC Pressure Pipe	14.83	7.89
		For Work In Restricted Working Space, Add	*3.53*	
23 21 13 23-2126	LF	6" Schedule 80 PVC Pressure Pipe	21.49	10.44
		For Work In Restricted Working Space, Add	*4.71*	
23 21 13 23-2127	LF	8" Schedule 80 PVC Pressure Pipe	27.55	12.48
		For Work In Restricted Working Space, Add	*5.62*	
23 21 13 23-2128	LF	10" Schedule 80 PVC Pressure Pipe	47.36	13.43
		For Work In Restricted Working Space, Add	*6.05*	

23 21 13 23-2129 Schedule 80 PVC 90 Degree Elbows *(23 21 13 23-2115)*

23 21 13 23-2130	EA	1/2" Schedule 80 PVC 90 Degree Elbows	12.20	7.89
		For Work In Restricted Working Space, Add	*3.53*	
		For Threaded Fittings, Add	*1.77*	
23 21 13 23-2131	EA	3/4" Schedule 80 PVC 90 Degree Elbows	16.24	10.44
		For Work In Restricted Working Space, Add	*4.71*	
		For Threaded Fittings, Add	*2.36*	
23 21 13 23-2132	EA	1" Schedule 80 PVC 90 Degree Elbows	20.34	13.00
		For Work In Restricted Working Space, Add	*5.84*	
		For Threaded Fittings, Add	*2.92*	
23 21 13 23-2133	EA	1-1/4" Schedule 80 PVC 90 Degree Elbows	28.71	18.40
		For Work In Restricted Working Space, Add	*8.26*	
		For Threaded Fittings, Add	*4.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2134	EA	1-1/2" Schedule 80 PVC 90 Degree Elbows	32.31	20.73
		For Work In Restricted Working Space, Add	*9.32*	
		For Threaded Fittings, Add	*4.66*	
23 21 13 23-2135	EA	2" Schedule 80 PVC 90 Degree Elbows	40.98	26.36
		For Work In Restricted Working Space, Add	*11.84*	
		For Threaded Fittings, Add	*5.92*	
23 21 13 23-2136	EA	2-1/2" Schedule 80 PVC 90 Degree Elbows	61.95	38.98
		For Work In Restricted Working Space, Add	*17.52*	
		For Threaded Fittings, Add	*8.76*	
23 21 13 23-2137	EA	3" Schedule 80 PVC 90 Degree Elbows	80.84	51.24
		For Work In Restricted Working Space, Add	*23.05*	
		For Threaded Fittings, Add	*11.53*	
23 21 13 23-2138	EA	4" Schedule 80 PVC 90 Degree Elbows	97.32	60.88
		For Work In Restricted Working Space, Add	*27.38*	
		For Threaded Fittings, Add	*13.69*	
23 21 13 23-2139	EA	6" Schedule 80 PVC 90 Degree Elbows	126.22	69.57
		For Work In Restricted Working Space, Add	*31.28*	
		For Threaded Fittings, Add	*15.64*	
23 21 13 23-2140	EA	8" Schedule 80 PVC 90 Degree Elbows	169.36	81.17
		For Work In Restricted Working Space, Add	*36.50*	
		For Threaded Fittings, Add	*18.25*	
23 21 13 23-2141	EA	10" Schedule 80 PVC 90 Degree Elbows	257.75	136.07
		For Work In Restricted Working Space, Add	*61.20*	
		For Threaded Fittings, Add	*30.60*	

23 21 13 23-2142 Schedule 80 PVC 45 Degree Elbows *(23 21 13 23-2115)*

23 21 13 23-2143	EA	1/2" Schedule 80 PVC 45 Degree Elbows	12.58	7.89
		For Work In Restricted Working Space, Add	*3.53*	
		For Threaded Fittings, Add	*1.77*	
23 21 13 23-2144	EA	3/4" Schedule 80 PVC 45 Degree Elbows	16.92	10.44
		For Work In Restricted Working Space, Add	*4.71*	
		For Threaded Fittings, Add	*2.36*	
23 21 13 23-2145	EA	1" Schedule 80 PVC 45 Degree Elbows	21.29	13.00
		For Work In Restricted Working Space, Add	*5.84*	
		For Threaded Fittings, Add	*2.92*	
23 21 13 23-2146	EA	1-1/4" Schedule 80 PVC 45 Degree Elbows	29.88	18.40
		For Work In Restricted Working Space, Add	*8.26*	
		For Threaded Fittings, Add	*4.13*	
23 21 13 23-2147	EA	1-1/2" Schedule 80 PVC 45 Degree Elbows	33.82	20.73
		For Work In Restricted Working Space, Add	*9.32*	
		For Threaded Fittings, Add	*4.66*	
23 21 13 23-2148	EA	2" Schedule 80 PVC 45 Degree Elbows	43.04	26.36
		For Work In Restricted Working Space, Add	*11.84*	
		For Threaded Fittings, Add	*5.92*	
23 21 13 23-2149	EA	2-1/2" Schedule 80 PVC 45 Degree Elbows	65.93	38.98
		For Work In Restricted Working Space, Add	*17.52*	
		For Threaded Fittings, Add	*8.76*	
23 21 13 23-2150	EA	3" Schedule 80 PVC 45 Degree Elbows	86.01	51.24
		For Work In Restricted Working Space, Add	*23.05*	
		For Threaded Fittings, Add	*11.53*	
23 21 13 23-2151	EA	4" Schedule 80 PVC 45 Degree Elbows	107.77	60.88
		For Work In Restricted Working Space, Add	*27.38*	
		For Threaded Fittings, Add	*13.69*	
23 21 13 23-2152	EA	6" Schedule 80 PVC 45 Degree Elbows	125.08	69.57
		For Work In Restricted Working Space, Add	*31.28*	
		For Threaded Fittings, Add	*15.64*	
23 21 13 23-2153	EA	8" Schedule 80 PVC 45 Degree Elbows	166.75	81.17
		For Work In Restricted Working Space, Add	*36.50*	
		For Threaded Fittings, Add	*18.25*	
23 21 13 23-2154	EA	10" Schedule 80 PVC 45 Degree Elbows	254.82	136.07
		For Work In Restricted Working Space, Add	*61.20*	
		For Threaded Fittings, Add	*30.60*	

23 21 13 23-2155 Schedule 80 PVC Tees *(23 21 13 23-2115)*

23 21 13 23-2156	EA	1/2" Schedule 80 PVC Tees	19.67	12.33
		For Work In Restricted Working Space, Add	*5.54*	
		For Threaded Fittings, Add	*2.77*	
23 21 13 23-2157	EA	3/4" Schedule 80 PVC Tees	24.79	15.70
		For Work In Restricted Working Space, Add	*7.06*	
		For Threaded Fittings, Add	*3.53*	
23 21 13 23-2158	EA	1" Schedule 80 PVC Tees	32.62	20.73
		For Work In Restricted Working Space, Add	*9.32*	
		For Threaded Fittings, Add	*4.66*	
23 21 13 23-2159	EA	1-1/4" Schedule 80 PVC Tees	43.78	26.36
		For Work In Restricted Working Space, Add	*11.84*	
		For Threaded Fittings, Add	*5.92*	
23 21 13 23-2160	EA	1-1/2" Schedule 80 PVC Tees	51.42	31.39
		For Work In Restricted Working Space, Add	*14.13*	
		For Threaded Fittings, Add	*7.07*	
23 21 13 23-2161	EA	2" Schedule 80 PVC Tees	63.80	38.98
		For Work In Restricted Working Space, Add	*17.52*	
		For Threaded Fittings, Add	*8.76*	
23 21 13 23-2162	EA	2-1/2" Schedule 80 PVC Tees	82.73	51.24
		For Work In Restricted Working Space, Add	*23.05*	
		For Threaded Fittings, Add	*11.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2163	EA	3" Schedule 80 PVC Tees	98.60	60.88
		For Work In Restricted Working Space, Add	*27.38*	
		For Threaded Fittings, Add	*13.69*	
23 21 13 23-2164	EA	4" Schedule 80 PVC Tees	130.18	81.17
		For Work In Restricted Working Space, Add	*36.50*	
		For Threaded Fittings, Add	*18.25*	
23 21 13 23-2165	EA	6" Schedule 80 PVC Tees	186.09	104.67
		For Work In Restricted Working Space, Add	*47.09*	
		For Threaded Fittings, Add	*23.55*	
23 21 13 23-2166	EA	8" Schedule 80 PVC Tees	262.16	129.86
		For Work In Restricted Working Space, Add	*58.40*	
		For Threaded Fittings, Add	*29.20*	
23 21 13 23-2167	EA	10" Schedule 80 PVC Tees	489.59	194.03
		For Work In Restricted Working Space, Add	*87.27*	
		For Threaded Fittings, Add	*43.64*	

23 21 13 23-2168 Schedule 80 PVC Crosses *(23 21 13 23-2115)*

23 21 13 23-2169	EA	1/2" Schedule 80 PVC Crosses	24.97	15.40
		For Work In Restricted Working Space, Add	*6.93*	
		For Threaded Fittings, Add	*3.47*	
23 21 13 23-2170	EA	3/4" Schedule 80 PVC Crosses	31.40	19.64
		For Work In Restricted Working Space, Add	*8.83*	
		For Threaded Fittings, Add	*4.42*	
23 21 13 23-2171	EA	1" Schedule 80 PVC Crosses	41.28	25.91
		For Work In Restricted Working Space, Add	*11.65*	
		For Threaded Fittings, Add	*5.82*	
23 21 13 23-2172	EA	1-1/4" Schedule 80 PVC Crosses	56.11	32.92
		For Work In Restricted Working Space, Add	*14.80*	
		For Threaded Fittings, Add	*7.40*	
23 21 13 23-2173	EA	1-1/2" Schedule 80 PVC Crosses	65.65	39.27
		For Work In Restricted Working Space, Add	*17.66*	
		For Threaded Fittings, Add	*8.83*	
23 21 13 23-2174	EA	2" Schedule 80 PVC Crosses	81.49	48.69
		For Work In Restricted Working Space, Add	*21.90*	
		For Threaded Fittings, Add	*10.95*	
23 21 13 23-2175	EA	2-1/2" Schedule 80 PVC Crosses	105.28	64.09
		For Work In Restricted Working Space, Add	*28.82*	
		For Threaded Fittings, Add	*14.41*	
23 21 13 23-2176	EA	3" Schedule 80 PVC Crosses	125.57	76.06
		For Work In Restricted Working Space, Add	*34.22*	
		For Threaded Fittings, Add	*17.11*	
23 21 13 23-2177	EA	4" Schedule 80 PVC Crosses	165.44	101.46
		For Work In Restricted Working Space, Add	*45.62*	
		For Threaded Fittings, Add	*22.81*	
23 21 13 23-2178	EA	6" Schedule 80 PVC Crosses	241.77	130.81
		For Work In Restricted Working Space, Add	*58.84*	
		For Threaded Fittings, Add	*29.42*	
23 21 13 23-2179	EA	8" Schedule 80 PVC Crosses	349.03	162.20
		For Work In Restricted Working Space, Add	*72.96*	
		For Threaded Fittings, Add	*36.48*	
23 21 13 23-2180	EA	10" Schedule 80 PVC Crosses	675.26	242.64
		For Work In Restricted Working Space, Add	*109.14*	
		For Threaded Fittings, Add	*54.57*	

23 21 13 23-2181 Schedule 80 PVC Reducing Inserts *(23 21 13 23-2115)*

23 21 13 23-2182	EA	3/4" Schedule 80 PVC Reducing Inserts	15.94	10.44
		For Work In Restricted Working Space, Add	*4.71*	
		For Threaded Fittings, Add	*2.36*	
23 21 13 23-2183	EA	1" Schedule 80 PVC Reducing Inserts	20.17	13.00
		For Work In Restricted Working Space, Add	*5.84*	
		For Threaded Fittings, Add	*2.92*	
23 21 13 23-2184	EA	1-1/4" Schedule 80 PVC Reducing Inserts	28.65	18.40
		For Work In Restricted Working Space, Add	*8.26*	
		For Threaded Fittings, Add	*4.13*	
23 21 13 23-2185	EA	1-1/2" Schedule 80 PVC Reducing Inserts	32.58	20.73
		For Work In Restricted Working Space, Add	*9.32*	
		For Threaded Fittings, Add	*4.66*	
23 21 13 23-2186	EA	2" Schedule 80 PVC Reducing Inserts	41.63	26.36
		For Work In Restricted Working Space, Add	*11.84*	
		For Threaded Fittings, Add	*5.92*	
23 21 13 23-2187	EA	2-1/2" Schedule 80 PVC Reducing Inserts	62.15	38.98
		For Work In Restricted Working Space, Add	*17.52*	
		For Threaded Fittings, Add	*8.76*	
23 21 13 23-2188	EA	3" Schedule 80 PVC Reducing Inserts	82.81	51.24
		For Work In Restricted Working Space, Add	*23.05*	
		For Threaded Fittings, Add	*11.53*	
23 21 13 23-2189	EA	4" Schedule 80 PVC Reducing Inserts	99.53	60.88
		For Work In Restricted Working Space, Add	*27.38*	
		For Threaded Fittings, Add	*13.69*	
23 21 13 23-2190	EA	6" Schedule 80 PVC Reducing Inserts	113.46	69.57
		For Work In Restricted Working Space, Add	*31.28*	
		For Threaded Fittings, Add	*15.64*	
23 21 13 23-2191	EA	8" Schedule 80 PVC Reducing Inserts	142.04	81.17
		For Work In Restricted Working Space, Add	*36.50*	
		For Threaded Fittings, Add	*18.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2192	EA	10" Schedule 80 PVC Reducing Inserts	184.92	94.24
		For Work In Restricted Working Space, Add	*42.40*	
		For Threaded Fittings, Add	*21.20*	

23 21 13 23-2193 Schedule 80 PVC Threaded Reducing Inserts *(23 21 13 23-2115)*

23 21 13 23-2194	EA	1/2" Schedule 80 PVC Threaded Reducing Inserts	11.86	7.89
		For Work In Restricted Working Space, Add	*3.53*	
		For Threaded Fittings, Add	*1.77*	
23 21 13 23-2195	EA	3/4" Schedule 80 PVC Threaded Reducing Inserts	16.15	10.44
		For Work In Restricted Working Space, Add	*4.71*	
		For Threaded Fittings, Add	*2.36*	
23 21 13 23-2196	EA	1" Schedule 80 PVC Threaded Reducing Inserts	20.17	13.00
		For Work In Restricted Working Space, Add	*5.84*	
		For Threaded Fittings, Add	*2.92*	
23 21 13 23-2197	EA	1-1/4" Schedule 80 PVC Threaded Reducing Inserts	28.98	18.40
		For Work In Restricted Working Space, Add	*8.26*	
		For Threaded Fittings, Add	*4.13*	
23 21 13 23-2198	EA	1-1/2" Schedule 80 PVC Threaded Reducing Inserts	32.87	20.73
		For Work In Restricted Working Space, Add	*9.32*	
		For Threaded Fittings, Add	*4.66*	
23 21 13 23-2199	EA	2" Schedule 80 PVC Threaded Reducing Inserts	41.67	26.36
		For Work In Restricted Working Space, Add	*11.84*	
		For Threaded Fittings, Add	*5.92*	
23 21 13 23-2200	EA	2-1/2" Schedule 80 PVC Threaded Reducing Inserts	63.07	38.98
		For Work In Restricted Working Space, Add	*17.52*	
		For Threaded Fittings, Add	*8.76*	
23 21 13 23-2201	EA	3" Schedule 80 PVC Threaded Reducing Inserts	85.51	51.24
		For Work In Restricted Working Space, Add	*23.05*	
		For Threaded Fittings, Add	*11.53*	
23 21 13 23-2202	EA	4" Schedule 80 PVC Threaded Reducing Inserts	104.58	60.88
		For Work In Restricted Working Space, Add	*27.38*	
		For Threaded Fittings, Add	*13.69*	

23 21 13 23-2203 Schedule 80 PVC Socket Weld X Threaded Male Adapters *(23 21 13 23-2115)*

23 21 13 23-2204	EA	1/2" Schedule 80 PVC Socket Weld X Threaded Male Adapters	12.77	7.89
		For Work In Restricted Working Space, Add	*3.53*	
		For Threaded Fittings, Add	*1.77*	
23 21 13 23-2205	EA	3/4" Schedule 80 PVC Socket Weld X Threaded Male Adapters	16.79	10.44
		For Work In Restricted Working Space, Add	*4.71*	
		For Threaded Fittings, Add	*2.36*	
23 21 13 23-2206	EA	1" Schedule 80 PVC Socket Weld X Threaded Male Adapters	21.36	13.00
		For Work In Restricted Working Space, Add	*5.84*	
		For Threaded Fittings, Add	*2.92*	
23 21 13 23-2207	EA	1-1/4" Schedule 80 PVC Socket Weld X Threaded Male Adapters	29.77	18.40
		For Work In Restricted Working Space, Add	*8.26*	
		For Threaded Fittings, Add	*4.13*	
23 21 13 23-2208	EA	1-1/2" Schedule 80 PVC Socket Weld X Threaded Male Adapters	34.26	20.73
		For Work In Restricted Working Space, Add	*9.32*	
		For Threaded Fittings, Add	*4.66*	
23 21 13 23-2209	EA	2" Schedule 80 PVC Socket Weld X Threaded Male Adapters	43.63	26.36
		For Work In Restricted Working Space, Add	*11.84*	
		For Threaded Fittings, Add	*5.92*	
23 21 13 23-2210	EA	2-1/2" Schedule 80 PVC Socket Weld X Threaded Male Adapters	63.14	38.98
		For Work In Restricted Working Space, Add	*17.52*	
		For Threaded Fittings, Add	*8.76*	
23 21 13 23-2211	EA	3" Schedule 80 PVC Socket Weld X Threaded Male Adapters	82.11	51.24
		For Work In Restricted Working Space, Add	*23.05*	
		For Threaded Fittings, Add	*11.53*	
23 21 13 23-2212	EA	4" Schedule 80 PVC Socket Weld X Threaded Male Adapters	100.63	60.88
		For Work In Restricted Working Space, Add	*27.38*	
		For Threaded Fittings, Add	*13.69*	

23 21 13 23-2213 Schedule 80 PVC Socket Weld X Threaded Female Adapters *(23 21 13 23-2115)*

23 21 13 23-2214	EA	1/2" Schedule 80 PVC Socket Weld X Threaded Female Adapters	12.50	7.89
		For Work In Restricted Working Space, Add	*3.53*	
		For Threaded Fittings, Add	*1.77*	
23 21 13 23-2215	EA	3/4" Schedule 80 PVC Socket Weld X Threaded Female Adapters	16.77	10.44
		For Work In Restricted Working Space, Add	*4.71*	
		For Threaded Fittings, Add	*2.36*	
23 21 13 23-2216	EA	1" Schedule 80 PVC Socket Weld X Threaded Female Adapters	21.04	13.00
		For Work In Restricted Working Space, Add	*5.84*	
		For Threaded Fittings, Add	*2.92*	
23 21 13 23-2217	EA	1-1/4" Schedule 80 PVC Socket Weld X Threaded Female Adapters	30.10	18.40
		For Work In Restricted Working Space, Add	*8.26*	
		For Threaded Fittings, Add	*4.13*	
23 21 13 23-2218	EA	1-1/2" Schedule 80 PVC Socket Weld X Threaded Female Adapters	34.20	20.73
		For Work In Restricted Working Space, Add	*9.32*	
		For Threaded Fittings, Add	*4.66*	
23 21 13 23-2219	EA	2" Schedule 80 PVC Socket Weld X Threaded Female Adapters	44.93	26.36
		For Work In Restricted Working Space, Add	*11.84*	
		For Threaded Fittings, Add	*5.92*	
23 21 13 23-2220	EA	2-1/2" Schedule 80 PVC Socket Weld X Threaded Female Adapters	67.04	38.98
		For Work In Restricted Working Space, Add	*17.52*	
		For Threaded Fittings, Add	*8.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2221	EA	3" Schedule 80 PVC Socket Weld X Threaded Female Adapters	86.58	51.24
		For Work In Restricted Working Space, Add	*23.05*	
		For Threaded Fittings, Add	*11.53*	
23 21 13 23-2222	EA	4" Schedule 80 PVC Socket Weld X Threaded Female Adapters	107.99	60.88
		For Work In Restricted Working Space, Add	*27.38*	
		For Threaded Fittings, Add	*13.69*	

23 21 13 23-2223 Schedule 80 PVC Couplings *(23 21 13 23-2115)*

23 21 13 23-2224	EA	1/2" Schedule 80 PVC Couplings	12.54	7.89
		For Work In Restricted Working Space, Add	*3.53*	
		For Threaded Fittings, Add	*1.77*	
23 21 13 23-2225	EA	3/4" Schedule 80 PVC Couplings	16.73	10.44
		For Work In Restricted Working Space, Add	*4.71*	
		For Threaded Fittings, Add	*2.36*	
23 21 13 23-2226	EA	1" Schedule 80 PVC Couplings	20.53	13.00
		For Work In Restricted Working Space, Add	*5.84*	
		For Threaded Fittings, Add	*2.92*	
23 21 13 23-2227	EA	1-1/4" Schedule 80 PVC Couplings	29.17	18.40
		For Work In Restricted Working Space, Add	*8.26*	
		For Threaded Fittings, Add	*4.13*	
23 21 13 23-2228	EA	1-1/2" Schedule 80 PVC Couplings	32.82	20.73
		For Work In Restricted Working Space, Add	*9.32*	
		For Threaded Fittings, Add	*4.66*	
23 21 13 23-2229	EA	2" Schedule 80 PVC Couplings	41.34	26.36
		For Work In Restricted Working Space, Add	*11.84*	
		For Threaded Fittings, Add	*5.92*	
23 21 13 23-2230	EA	2-1/2" Schedule 80 PVC Couplings	63.04	38.98
		For Work In Restricted Working Space, Add	*17.52*	
		For Threaded Fittings, Add	*8.76*	
23 21 13 23-2231	EA	3" Schedule 80 PVC Couplings	82.18	51.24
		For Work In Restricted Working Space, Add	*23.05*	
		For Threaded Fittings, Add	*11.53*	
23 21 13 23-2232	EA	4" Schedule 80 PVC Couplings	97.95	60.88
		For Work In Restricted Working Space, Add	*27.38*	
		For Threaded Fittings, Add	*13.69*	
23 21 13 23-2233	EA	6" Schedule 80 PVC Couplings	118.69	69.57
		For Work In Restricted Working Space, Add	*31.28*	
		For Threaded Fittings, Add	*15.64*	
23 21 13 23-2234	EA	8" Schedule 80 PVC Couplings	141.27	81.17
		For Work In Restricted Working Space, Add	*36.50*	
		For Threaded Fittings, Add	*18.25*	
23 21 13 23-2235	EA	10" Schedule 80 PVC Couplings	188.37	87.01
		For Work In Restricted Working Space, Add	*39.12*	
		For Threaded Fittings, Add	*19.56*	

23 21 13 23-2236 Schedule 80 PVC Unions *(23 21 13 23-2115)*

23 21 13 23-2237	EA	1/2" Schedule 80 PVC Unions	21.18	13.00
		For Work In Restricted Working Space, Add	*5.84*	
		For Threaded Fittings, Add	*2.92*	
23 21 13 23-2238	EA	3/4" Schedule 80 PVC Unions	25.52	15.70
		For Work In Restricted Working Space, Add	*7.06*	
		For Threaded Fittings, Add	*3.53*	
23 21 13 23-2239	EA	1" Schedule 80 PVC Unions	33.32	20.73
		For Work In Restricted Working Space, Add	*9.32*	
		For Threaded Fittings, Add	*4.66*	
23 21 13 23-2240	EA	1-1/4" Schedule 80 PVC Unions	45.12	26.36
		For Work In Restricted Working Space, Add	*11.84*	
		For Threaded Fittings, Add	*5.92*	
23 21 13 23-2241	EA	1-1/2" Schedule 80 PVC Unions	54.38	31.39
		For Work In Restricted Working Space, Add	*14.13*	
		For Threaded Fittings, Add	*7.07*	
23 21 13 23-2242	EA	2" Schedule 80 PVC Unions	68.25	38.98
		For Work In Restricted Working Space, Add	*17.52*	
		For Threaded Fittings, Add	*8.76*	
23 21 13 23-2243	EA	2-1/2" Schedule 80 PVC Unions	95.21	51.24
		For Work In Restricted Working Space, Add	*23.05*	
		For Threaded Fittings, Add	*11.53*	
23 21 13 23-2244	EA	3" Schedule 80 PVC Unions	114.92	60.88
		For Work In Restricted Working Space, Add	*27.38*	
		For Threaded Fittings, Add	*13.69*	
23 21 13 23-2245	EA	4" Schedule 80 PVC Unions	150.33	81.17
		For Work In Restricted Working Space, Add	*36.50*	
		For Threaded Fittings, Add	*18.25*	
23 21 13 23-2246	EA	6" Schedule 80 PVC Unions	195.24	104.67
		For Work In Restricted Working Space, Add	*47.07*	
		For Threaded Fittings, Add	*23.54*	
23 21 13 23-2247	EA	8" Schedule 80 PVC Unions	257.79	129.79
		For Work In Restricted Working Space, Add	*58.37*	
		For Threaded Fittings, Add	*29.18*	
23 21 13 23-2248	EA	10" Schedule 80 PVC Unions	345.44	160.88
		For Work In Restricted Working Space, Add	*72.36*	
		For Threaded Fittings, Add	*36.18*	

23 21 13 23-2249 Schedule 80 PVC Caps *(23 21 13 23-2115)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2250	EA	1/2" Schedule 80 PVC Caps	12.86	7.89
		For Work In Restricted Working Space, Add	*3.53*	
		For Threaded Fittings, Add	*1.77*	
23 21 13 23-2251	EA	3/4" Schedule 80 PVC Caps	16.84	10.44
		For Work In Restricted Working Space, Add	*4.71*	
		For Threaded Fittings, Add	*2.36*	
23 21 13 23-2252	EA	1" Schedule 80 PVC Caps	21.48	13.00
		For Work In Restricted Working Space, Add	*5.84*	
		For Threaded Fittings, Add	*2.92*	
23 21 13 23-2253	EA	1-1/4" Schedule 80 PVC Caps	29.97	18.40
		For Work In Restricted Working Space, Add	*8.26*	
		For Threaded Fittings, Add	*4.13*	
23 21 13 23-2254	EA	1-1/2" Schedule 80 PVC Caps	33.49	20.73
		For Work In Restricted Working Space, Add	*9.32*	
		For Threaded Fittings, Add	*4.66*	
23 21 13 23-2255	EA	2" Schedule 80 PVC Caps	43.11	26.36
		For Work In Restricted Working Space, Add	*11.84*	
		For Threaded Fittings, Add	*5.92*	
23 21 13 23-2256	EA	2-1/2" Schedule 80 PVC Caps	65.89	38.98
		For Work In Restricted Working Space, Add	*17.52*	
		For Threaded Fittings, Add	*8.76*	
23 21 13 23-2257	EA	3" Schedule 80 PVC Caps	86.01	51.24
		For Work In Restricted Working Space, Add	*23.05*	
		For Threaded Fittings, Add	*11.53*	
23 21 13 23-2258	EA	4" Schedule 80 PVC Caps	105.99	60.88
		For Work In Restricted Working Space, Add	*27.38*	
		For Threaded Fittings, Add	*13.69*	
23 21 13 23-2259	EA	6" Schedule 80 PVC Caps	140.91	69.57
		For Work In Restricted Working Space, Add	*31.28*	
		For Threaded Fittings, Add	*15.64*	
23 21 13 23-2260	EA	8" Schedule 80 PVC Caps	171.98	81.17
		For Work In Restricted Working Space, Add	*36.50*	
		For Threaded Fittings, Add	*18.25*	
23 21 13 23-2261	EA	10" Schedule 80 PVC Caps	223.06	87.01
		For Work In Restricted Working Space, Add	*39.12*	
		For Threaded Fittings, Add	*19.56*	

23 21 13 23-2262 Schedule 80 PVC 150 LB Flanges *(23 21 13 23-2115)*

23 21 13 23-2263	EA	1/2" Schedule 80 PVC 150 LB Flanges	22.79	13.00
		For Work In Restricted Working Space, Add	*5.84*	
		For Threaded Fittings, Add	*2.92*	
23 21 13 23-2264	EA	3/4" Schedule 80 PVC 150 LB Flanges	27.11	15.70
		For Work In Restricted Working Space, Add	*7.06*	
		For Threaded Fittings, Add	*3.53*	
23 21 13 23-2265	EA	1" Schedule 80 PVC 150 LB Flanges	35.04	20.73
		For Work In Restricted Working Space, Add	*9.32*	
		For Threaded Fittings, Add	*4.66*	
23 21 13 23-2266	EA	1-1/4" Schedule 80 PVC 150 LB Flanges	43.55	26.36
		For Work In Restricted Working Space, Add	*11.84*	
		For Threaded Fittings, Add	*5.92*	
23 21 13 23-2267	EA	1-1/2" Schedule 80 PVC 150 LB Flanges	51.28	31.39
		For Work In Restricted Working Space, Add	*14.13*	
		For Threaded Fittings, Add	*7.07*	
23 21 13 23-2268	EA	2" Schedule 80 PVC 150 LB Flanges	63.95	38.98
		For Work In Restricted Working Space, Add	*17.52*	
		For Threaded Fittings, Add	*8.76*	
23 21 13 23-2269	EA	2-1/2" Schedule 80 PVC 150 LB Flanges	85.43	51.24
		For Work In Restricted Working Space, Add	*23.05*	
		For Threaded Fittings, Add	*11.53*	
23 21 13 23-2270	EA	3" Schedule 80 PVC 150 LB Flanges	100.73	60.88
		For Work In Restricted Working Space, Add	*27.38*	
		For Threaded Fittings, Add	*13.69*	
23 21 13 23-2271	EA	4" Schedule 80 PVC 150 LB Flanges	133.67	81.17
		For Work In Restricted Working Space, Add	*36.50*	
		For Threaded Fittings, Add	*18.25*	
23 21 13 23-2272	EA	6" Schedule 80 PVC 150 LB Flanges	175.79	104.67
		For Work In Restricted Working Space, Add	*47.07*	
		For Threaded Fittings, Add	*23.54*	
23 21 13 23-2273	EA	8" Schedule 80 PVC 150 LB Flanges	237.15	129.79
		For Work In Restricted Working Space, Add	*58.37*	
		For Threaded Fittings, Add	*29.18*	
23 21 13 23-2274	EA	10" Schedule 80 PVC 150 LB Flanges	337.21	160.88
		For Work In Restricted Working Space, Add	*72.36*	
		For Threaded Fittings, Add	*36.18*	

23 21 13 23-2275 Cut And Prepare Existing PVC Pressure Pipe *(23 21 13 23-1952)*

Note: In place pipe.

23 21 13 23-2276	EA	1/2", Cut And Prepare Existing PVC Pressure Pipe	3.97	
		For Work In Restricted Working Space, Add	*1.19*	
23 21 13 23-2277	EA	3/4", Cut And Prepare Existing PVC Pressure Pipe	4.28	
		For Work In Restricted Working Space, Add	*1.28*	
23 21 13 23-2278	EA	1", Cut And Prepare Existing PVC Pressure Pipe	4.81	
		For Work In Restricted Working Space, Add	*1.44*	
23 21 13 23-2279	EA	1-1/4", Cut And Prepare Existing PVC Pressure Pipe	5.06	
		For Work In Restricted Working Space, Add	*1.52*	
23 21 13 23-2280	EA	1-1/2", Cut And Prepare Existing PVC Pressure Pipe	5.36	
		For Work In Restricted Working Space, Add	*1.61*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2281	EA	2", Cut And Prepare Existing PVC Pressure Pipe	5.89	
		For Work In Restricted Working Space, Add	*1.77*	
23 21 13 23-2282	EA	2-1/2", Cut And Prepare Existing PVC Pressure Pipe	6.34	
		For Work In Restricted Working Space, Add	*1.90*	
23 21 13 23-2283	EA	3", Cut And Prepare Existing PVC Pressure Pipe	7.49	
		For Work In Restricted Working Space, Add	*2.25*	
23 21 13 23-2284	EA	4", Cut And Prepare Existing PVC Pressure Pipe	10.11	
		For Work In Restricted Working Space, Add	*3.03*	
23 21 13 23-2285	EA	6", Cut And Prepare Existing PVC Pressure Pipe	14.45	
		For Work In Restricted Working Space, Add	*4.34*	
23 21 13 23-2286	EA	8", Cut And Prepare Existing PVC Pressure Pipe	19.27	
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-2287	EA	10", Cut And Prepare Existing PVC Pressure Pipe	23.55	
		For Work In Restricted Working Space, Add	*7.07*	

23 21 13 23-2288 Polyethylene Pipe And Fittings *(23 21 13 23)*

23 21 13 23-2289 SDR-21 HDPE Piping *(23 21 13 23-2288)*

Note: ASTM D3035

23 21 13 23-2290 SDR-21 HDPE Pipe *(23 21 13 23-2289)*

23 21 13 23-2291	LF	1" SDR-21 HDPE Pipe	9.19	5.86
		For Work In Restricted Working Space, Add	*2.63*	
23 21 13 23-2292	LF	2" SDR-21 HDPE Pipe	10.12	6.41
		For Work In Restricted Working Space, Add	*2.90*	
23 21 13 23-2293	LF	3" SDR-21 HDPE Pipe	10.13	6.41
		For Work In Restricted Working Space, Add	*2.90*	
23 21 13 23-2294	LF	4" SDR-21 HDPE Pipe	13.35	8.34
		For Work In Restricted Working Space, Add	*3.77*	
23 21 13 23-2295	LF	6" SDR-21 HDPE Pipe	20.14	12.27
		For Work In Restricted Working Space, Add	*5.52*	
23 21 13 23-2296	LF	8" SDR-21 HDPE Pipe	25.62	15.09
		For Work In Restricted Working Space, Add	*6.81*	
23 21 13 23-2297	LF	10" SDR-21 HDPE Pipe	33.52	19.30
		For Work In Restricted Working Space, Add	*8.69*	
23 21 13 23-2298	LF	12" SDR-21 HDPE Pipe	40.89	23.03
		For Work In Restricted Working Space, Add	*10.34*	
23 21 13 23-2299	LF	14" SDR-21 HDPE Pipe	53.24	30.34
		For Work In Restricted Working Space, Add	*13.65*	
23 21 13 23-2300	LF	16" SDR-21 HDPE Pipe	67.33	38.20
		For Work In Restricted Working Space, Add	*17.17*	
23 21 13 23-2301	LF	18" SDR-21 HDPE Pipe	83.73	47.29
		For Work In Restricted Working Space, Add	*21.28*	
23 21 13 23-2302	LF	20" SDR-21 HDPE Pipe	103.43	58.40
		For Work In Restricted Working Space, Add	*26.29*	
23 21 13 23-2303	LF	22" SDR-21 HDPE Pipe	112.06	61.98
		For Work In Restricted Working Space, Add	*27.88*	
23 21 13 23-2304	LF	24" SDR-21 HDPE Pipe	122.23	66.32
		For Work In Restricted Working Space, Add	*29.84*	

23 21 13 23-2305 HDPE 90 Degree Elbows *(23 21 13 23-2289)*

23 21 13 23-2306	EA	3" HDPE 90 Degree Elbow	45.92	22.40
		For Work In Restricted Working Space, Add	*10.09*	
		For Heat Weld Fittings, Add	*6.73*	
23 21 13 23-2307	EA	4" HDPE 90 Degree Elbow	63.71	29.64
		For Work In Restricted Working Space, Add	*13.34*	
		For Heat Weld Fittings, Add	*8.89*	
23 21 13 23-2308	EA	6" HDPE 90 Degree Elbow	106.84	43.78
		For Work In Restricted Working Space, Add	*19.69*	
		For Heat Weld Fittings, Add	*13.13*	
23 21 13 23-2309	EA	8" HDPE 90 Degree Elbow	169.88	74.95
		For Work In Restricted Working Space, Add	*33.71*	
		For Heat Weld Fittings, Add	*22.47*	
23 21 13 23-2310	EA	10" HDPE 90 Degree Elbow	216.28	85.63
		For Work In Restricted Working Space, Add	*38.51*	
		For Heat Weld Fittings, Add	*25.68*	
23 21 13 23-2311	EA	12" HDPE 90 Degree Elbow	292.88	111.62
		For Work In Restricted Working Space, Add	*50.22*	
		For Heat Weld Fittings, Add	*33.48*	
23 21 13 23-2312	EA	14" HDPE 90 Degree Elbow	365.43	131.62
		For Work In Restricted Working Space, Add	*59.20*	
		For Heat Weld Fittings, Add	*39.46*	
23 21 13 23-2313	EA	16" HDPE 90 Degree Elbow	430.15	154.15
		For Work In Restricted Working Space, Add	*69.33*	
		For Heat Weld Fittings, Add	*46.22*	
23 21 13 23-2314	EA	18" HDPE 90 Degree Elbow	529.59	172.22
		For Work In Restricted Working Space, Add	*77.46*	
		For Heat Weld Fittings, Add	*51.64*	
23 21 13 23-2315	EA	20" HDPE 90 Degree Elbow	631.00	192.70
		For Work In Restricted Working Space, Add	*86.66*	
		For Heat Weld Fittings, Add	*57.77*	
23 21 13 23-2316	EA	22" HDPE 90 Degree Elbow	732.79	195.05
		For Work In Restricted Working Space, Add	*87.72*	
		For Heat Weld Fittings, Add	*58.48*	
23 21 13 23-2317	EA	24" HDPE 90 Degree Elbow	818.54	199.87
		For Work In Restricted Working Space, Add	*89.89*	
		For Heat Weld Fittings, Add	*59.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2318		**HDPE 45 Degree Elbows** *(23 21 13 23-2289)*		
23 21 13 23-2319	EA	3" HDPE 45 Degree Elbow	54.66	22.40
		For Work In Restricted Working Space, Add	*10.09*	
		For Heat Weld Fittings, Add	*6.73*	
23 21 13 23-2320	EA	4" HDPE 45 Degree Elbow	82.06	29.64
		For Work In Restricted Working Space, Add	*13.34*	
		For Heat Weld Fittings, Add	*8.89*	
23 21 13 23-2321	EA	6" HDPE 45 Degree Elbow	110.68	43.78
		For Work In Restricted Working Space, Add	*19.69*	
		For Heat Weld Fittings, Add	*13.13*	
23 21 13 23-2322	EA	8" HDPE 45 Degree Elbow	226.98	74.95
		For Work In Restricted Working Space, Add	*33.71*	
		For Heat Weld Fittings, Add	*22.47*	
23 21 13 23-2323	EA	10" HDPE 45 Degree Elbow	294.81	85.63
		For Work In Restricted Working Space, Add	*38.51*	
		For Heat Weld Fittings, Add	*25.68*	
23 21 13 23-2324	EA	12" HDPE 45 Degree Elbow	429.46	111.62
		For Work In Restricted Working Space, Add	*50.22*	
		For Heat Weld Fittings, Add	*33.48*	
23 21 13 23-2325	EA	14" HDPE 45 Degree Elbow	537.16	131.62
		For Work In Restricted Working Space, Add	*59.20*	
		For Heat Weld Fittings, Add	*39.46*	
23 21 13 23-2326	EA	16" HDPE 45 Degree Elbow	669.57	154.15
		For Work In Restricted Working Space, Add	*69.33*	
		For Heat Weld Fittings, Add	*46.22*	
23 21 13 23-2327	EA	18" HDPE 45 Degree Elbow	860.43	172.22
		For Work In Restricted Working Space, Add	*77.46*	
		For Heat Weld Fittings, Add	*51.64*	
23 21 13 23-2328	EA	20" HDPE 45 Degree Elbow	1,088.18	192.70
		For Work In Restricted Working Space, Add	*86.66*	
		For Heat Weld Fittings, Add	*57.77*	
23 21 13 23-2329	EA	22" HDPE 45 Degree Elbow	1,105.44	195.05
		For Work In Restricted Working Space, Add	*87.72*	
		For Heat Weld Fittings, Add	*58.48*	
23 21 13 23-2330	EA	24" HDPE 45 Degree Elbow	1,207.45	199.87
		For Work In Restricted Working Space, Add	*89.89*	
		For Heat Weld Fittings, Add	*59.93*	
23 21 13 23-2331		**HDPE Tees** *(23 21 13 23-2289)*		
23 21 13 23-2332	EA	3" HDPE Tee	78.93	43.78
		For Work In Restricted Working Space, Add	*19.69*	
		For Heat Weld Fittings, Add	*13.13*	
23 21 13 23-2333	EA	4" HDPE Tee	107.18	57.50
		For Work In Restricted Working Space, Add	*25.85*	
		For Heat Weld Fittings, Add	*17.24*	
23 21 13 23-2334	EA	6" HDPE Tee	190.16	91.97
		For Work In Restricted Working Space, Add	*41.37*	
		For Heat Weld Fittings, Add	*27.58*	
23 21 13 23-2335	EA	8" HDPE Tee	302.23	148.44
		For Work In Restricted Working Space, Add	*66.77*	
		For Heat Weld Fittings, Add	*44.51*	
23 21 13 23-2336	EA	10" HDPE Tee	369.94	172.22
		For Work In Restricted Working Space, Add	*77.46*	
		For Heat Weld Fittings, Add	*51.64*	
23 21 13 23-2337	EA	12" HDPE Tee	493.65	221.59
		For Work In Restricted Working Space, Add	*99.67*	
		For Heat Weld Fittings, Add	*66.45*	
23 21 13 23-2338	EA	14" HDPE Tee	574.97	261.09
		For Work In Restricted Working Space, Add	*117.42*	
		For Heat Weld Fittings, Add	*78.28*	
23 21 13 23-2339	EA	16" HDPE Tee	739.48	311.28
		For Work In Restricted Working Space, Add	*140.00*	
		For Heat Weld Fittings, Add	*93.34*	
23 21 13 23-2340	EA	18" HDPE Tee	854.11	344.10
		For Work In Restricted Working Space, Add	*154.77*	
		For Heat Weld Fittings, Add	*103.18*	
23 21 13 23-2341	EA	20" HDPE Tee	972.59	384.84
		For Work In Restricted Working Space, Add	*173.35*	
		For Heat Weld Fittings, Add	*115.56*	
23 21 13 23-2342	EA	22" HDPE Tee	1,111.24	431.03
		For Work In Restricted Working Space, Add	*194.15*	
		For Heat Weld Fittings, Add	*129.44*	
23 21 13 23-2343	EA	24" HDPE Tee	1,275.96	482.75
		For Work In Restricted Working Space, Add	*217.44*	
		For Heat Weld Fittings, Add	*144.96*	
23 21 13 23-2344		**HDPE Crosses** *(23 21 13 23-2289)*		
23 21 13 23-2345	EA	3" HDPE Cross	102.91	54.74
		For Work In Restricted Working Space, Add	*24.62*	
		For Heat Weld Fittings, Add	*16.42*	
23 21 13 23-2346	EA	4" HDPE Cross	140.68	71.84
		For Work In Restricted Working Space, Add	*32.33*	
		For Heat Weld Fittings, Add	*21.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2347	EA	6" HDPE Cross	254.30	114.93
		For Work In Restricted Working Space, Add	*51.71*	
		For Heat Weld Fittings, Add	*34.47*	
23 21 13 23-2348	EA	8" HDPE Cross	403.10	185.52
		For Work In Restricted Working Space, Add	*83.46*	
		For Heat Weld Fittings, Add	*55.64*	
23 21 13 23-2349	EA	10" HDPE Cross	497.89	215.24
		For Work In Restricted Working Space, Add	*96.82*	
		For Heat Weld Fittings, Add	*64.55*	
23 21 13 23-2350	EA	12" HDPE Cross	668.36	277.02
		For Work In Restricted Working Space, Add	*124.60*	
		For Heat Weld Fittings, Add	*83.06*	
23 21 13 23-2351	EA	14" HDPE Cross	777.08	326.38
		For Work In Restricted Working Space, Add	*146.79*	
		For Heat Weld Fittings, Add	*97.86*	
23 21 13 23-2352	EA	16" HDPE Cross	1,011.05	389.12
		For Work In Restricted Working Space, Add	*175.02*	
		For Heat Weld Fittings, Add	*116.68*	
23 21 13 23-2353	EA	18" HDPE Cross	1,175.08	430.14
		For Work In Restricted Working Space, Add	*193.47*	
		For Heat Weld Fittings, Add	*128.98*	
23 21 13 23-2354	EA	20" HDPE Cross	1,331.72	474.75
		For Work In Restricted Working Space, Add	*213.86*	
		For Heat Weld Fittings, Add	*142.58*	
23 21 13 23-2355	EA	22" HDPE Cross	1,515.50	524.87
		For Work In Restricted Working Space, Add	*236.41*	
		For Heat Weld Fittings, Add	*157.61*	
23 21 13 23-2356	EA	24" HDPE Cross	1,735.17	580.16
		For Work In Restricted Working Space, Add	*261.35*	
		For Heat Weld Fittings, Add	*174.23*	

23 21 13 23-2357 HDPE 45 Degree Wyes *(23 21 13 23-2289)*

23 21 13 23-2358	EA	3" HDPE 45 Degree Wye	113.74	43.78
		For Work In Restricted Working Space, Add	*19.69*	
		For Heat Weld Fittings, Add	*13.13*	
23 21 13 23-2359	EA	4" HDPE 45 Degree Wye	138.35	57.50
		For Work In Restricted Working Space, Add	*25.85*	
		For Heat Weld Fittings, Add	*17.24*	
23 21 13 23-2360	EA	6" HDPE 45 Degree Wye	223.22	91.97
		For Work In Restricted Working Space, Add	*41.37*	
		For Heat Weld Fittings, Add	*27.58*	
23 21 13 23-2361	EA	8" HDPE 45 Degree Wye	329.97	148.50
		For Work In Restricted Working Space, Add	*66.79*	
		For Heat Weld Fittings, Add	*44.52*	
23 21 13 23-2362	EA	10" HDPE 45 Degree Wye	395.27	172.22
		For Work In Restricted Working Space, Add	*77.46*	
		For Heat Weld Fittings, Add	*51.64*	
23 21 13 23-2363	EA	12" HDPE 45 Degree Wye	570.97	221.72
		For Work In Restricted Working Space, Add	*99.74*	
		For Heat Weld Fittings, Add	*66.49*	
23 21 13 23-2364	EA	14" HDPE 45 Degree Wye	662.42	261.09
		For Work In Restricted Working Space, Add	*117.42*	
		For Heat Weld Fittings, Add	*78.28*	
23 21 13 23-2365	EA	16" HDPE 45 Degree Wye	895.12	311.28
		For Work In Restricted Working Space, Add	*140.00*	
		For Heat Weld Fittings, Add	*93.34*	
23 21 13 23-2366	EA	18" HDPE 45 Degree Wye	1,050.89	344.37
		For Work In Restricted Working Space, Add	*154.90*	
		For Heat Weld Fittings, Add	*103.26*	
23 21 13 23-2367	EA	20" HDPE 45 Degree Wye	1,205.38	385.40
		For Work In Restricted Working Space, Add	*173.35*	
		For Heat Weld Fittings, Add	*115.56*	
23 21 13 23-2368	EA	22" HDPE 45 Degree Wye	1,381.00	430.62
		For Work In Restricted Working Space, Add	*193.99*	
		For Heat Weld Fittings, Add	*129.33*	
23 21 13 23-2369	EA	24" HDPE 45 Degree Wye	1,621.55	481.92
		For Work In Restricted Working Space, Add	*217.07*	
		For Heat Weld Fittings, Add	*144.71*	

23 21 13 23-2370 HDPE Reducers *(23 21 13 23-2289)*

23 21 13 23-2371	EA	4" x 3" HDPE Reducer	65.93	29.64
		For Work In Restricted Working Space, Add	*13.34*	
		For Heat Weld Fittings, Add	*8.89*	
23 21 13 23-2372	EA	6" x 4" HDPE Reducer	112.13	43.78
		For Work In Restricted Working Space, Add	*19.69*	
		For Heat Weld Fittings, Add	*13.13*	
23 21 13 23-2373	EA	8" x 6" HDPE Reducer	179.00	80.12
		For Work In Restricted Working Space, Add	*36.05*	
		For Heat Weld Fittings, Add	*24.03*	
23 21 13 23-2374	EA	10" x 8" HDPE Reducer	216.80	91.97
		For Work In Restricted Working Space, Add	*41.37*	
		For Heat Weld Fittings, Add	*27.58*	
23 21 13 23-2375	EA	12" x 10" HDPE Reducer	271.32	113.96
		For Work In Restricted Working Space, Add	*51.27*	
		For Heat Weld Fittings, Add	*34.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2376	EA	14" x 12" HDPE Reducer	307.86	132.65
		For Work In Restricted Working Space, Add	*59.67*	
		For Heat Weld Fittings, Add	*39.78*	
23 21 13 23-2377	EA	16" x 14" HDPE Reducer	338.03	149.88
		For Work In Restricted Working Space, Add	*67.41*	
		For Heat Weld Fittings, Add	*44.94*	
23 21 13 23-2378	EA	18" x 16" HDPE Reducer	386.56	170.36
		For Work In Restricted Working Space, Add	*76.63*	
		For Heat Weld Fittings, Add	*51.09*	
23 21 13 23-2379	EA	20" x 18" HDPE Reducer	420.92	190.42
		For Work In Restricted Working Space, Add	*85.65*	
		For Heat Weld Fittings, Add	*57.10*	
23 21 13 23-2380	EA	22" x 20" HDPE Reducer	432.28	195.05
		For Work In Restricted Working Space, Add	*87.72*	
		For Heat Weld Fittings, Add	*58.48*	
23 21 13 23-2381	EA	24" x 22" HDPE Reducer	440.25	197.39
		For Work In Restricted Working Space, Add	*88.79*	
		For Heat Weld Fittings, Add	*59.20*	

23 21 13 23-2382 HDPE Caps *(23 21 13 23-2289)*

23 21 13 23-2383	EA	3" HDPE Cap	20.11	9.17
		For Work In Restricted Working Space, Add	*4.14*	
		For Heat Weld Fittings, Add	*2.76*	
23 21 13 23-2384	EA	4" HDPE Cap	34.91	16.13
		For Work In Restricted Working Space, Add	*7.24*	
		For Heat Weld Fittings, Add	*4.83*	
23 21 13 23-2385	EA	6" HDPE Cap	55.14	26.69
		For Work In Restricted Working Space, Add	*11.99*	
		For Heat Weld Fittings, Add	*8.00*	
23 21 13 23-2386	EA	8" HDPE Cap	92.50	45.09
		For Work In Restricted Working Space, Add	*20.27*	
		For Heat Weld Fittings, Add	*13.51*	

23 21 13 23-2387 HDPE Flange Adapters And Backup Rings *(23 21 13 23-2289)*

23 21 13 23-2388	EA	3" HDPE Flange Adapter And Backup Ring	56.40	22.40
		For Work In Restricted Working Space, Add	*10.09*	
23 21 13 23-2389	EA	4" HDPE Flange Adapter And Backup Ring	76.93	29.64
		For Work In Restricted Working Space, Add	*13.34*	
23 21 13 23-2390	EA	6" HDPE Flange Adapter And Backup Ring	108.11	43.78
		For Work In Restricted Working Space, Add	*19.69*	
23 21 13 23-2391	EA	8" HDPE Flange Adapter And Backup Ring	126.38	48.33
		For Work In Restricted Working Space, Add	*21.74*	
23 21 13 23-2392	EA	10" HDPE Flange Adapter And Backup Ring	161.52	60.60
		For Work In Restricted Working Space, Add	*27.26*	
23 21 13 23-2393	EA	12" HDPE Flange Adapter And Backup Ring	206.15	68.88
		For Work In Restricted Working Space, Add	*30.98*	
23 21 13 23-2394	EA	14" HDPE Flange Adapter And Backup Ring	254.61	83.83
		For Work In Restricted Working Space, Add	*37.73*	
23 21 13 23-2395	EA	16" HDPE Flange Adapter And Backup Ring	318.65	96.94
		For Work In Restricted Working Space, Add	*43.60*	
23 21 13 23-2396	EA	18" HDPE Flange Adapter And Backup Ring	397.19	108.66
		For Work In Restricted Working Space, Add	*48.86*	
23 21 13 23-2397	EA	20" HDPE Flange Adapter And Backup Ring	489.53	138.37
		For Work In Restricted Working Space, Add	*62.24*	
23 21 13 23-2398	EA	22" HDPE Flange Adapter And Backup Ring	541.85	143.27
		For Work In Restricted Working Space, Add	*64.43*	
23 21 13 23-2399	EA	24" HDPE Flange Adapter And Backup Ring	595.35	149.88
		For Work In Restricted Working Space, Add	*67.41*	

23 21 13 23-2400 Small Diameter Tubing *(23 21 13 23-2288)*

23 21 13 23-2401 Tubing *(23 21 13 23-2400)*

23 21 13 23-2402	LF	1/4" Polyethylene Tubing	2.26	
		For Work In Restricted Working Space, Add	*0.66*	
23 21 13 23-2403	LF	5/16" Polyethylene Tubing	2.34	
		For Work In Restricted Working Space, Add	*0.68*	
23 21 13 23-2404	LF	3/8" Polyethylene Tubing	2.41	
		For Work In Restricted Working Space, Add	*0.69*	
23 21 13 23-2405	LF	1/2" Polyethylene Tubing	2.56	
		For Work In Restricted Working Space, Add	*0.74*	

23 21 13 23-2406 Cross-Linked Polyethylene Tubing, ASTM F877 *(23 21 13 23-2288)*

Note: Aboveground, domestic water usage.

23 21 13 23-2407 Cross-Linked Polyethylene Tubing *(23 21 13 23-2406)*

23 21 13 23-2408	LF	3/8" Cross-Linked Polyethylene Tubing	2.65	
		For Work In Restricted Working Space, Add	*0.69*	
23 21 13 23-2409	LF	1/2" Cross-Linked Polyethylene Tubing	2.87	
		For Work In Restricted Working Space, Add	*0.74*	
23 21 13 23-2410	LF	3/4" Cross-Linked Polyethylene Tubing	3.39	
		For Work In Restricted Working Space, Add	*0.80*	
23 21 13 23-2411	LF	1" Cross-Linked Polyethylene Tubing	4.05	
		For Work In Restricted Working Space, Add	*0.85*	

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		MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2412				Cross-Linked Polyethylene Forged Brass PEX Fittings *(23 21 13 23-2288)* Note: Aboveground, domestic water usage.		
23 21 13 23-2413				Male Adapters *(23 21 13 23-2412)*		
	23 21 13 23-2414		EA	3/8" x 1/2", (PE x Threaded) Male Adapter For PEX Tubing	15.23	
				For Work In Restricted Working Space, Add	*3.57*	
	23 21 13 23-2415		EA	1/2" x 1/2", (PE x Threaded) Male Adapter For PEX Tubing	16.42	
				For Work In Restricted Working Space, Add	*3.81*	
	23 21 13 23-2416		EA	1/2" x 3/4", (PE x Threaded) Male Adapter For PEX Tubing	18.00	
				For Work In Restricted Working Space, Add	*4.04*	
	23 21 13 23-2417		EA	3/4" x 3/4", (PE x Threaded) Male Adapter For PEX Tubing	18.79	
				For Work In Restricted Working Space, Add	*4.28*	
	23 21 13 23-2418		EA	3/4" x 1/2", (PE x Threaded) Male Adapter For PEX Tubing	18.00	
				For Work In Restricted Working Space, Add	*4.04*	
	23 21 13 23-2419		EA	1" x 1", (PE x Threaded) Male Adapter For PEX Tubing	23.82	
				For Work In Restricted Working Space, Add	*4.76*	
23 21 13 23-2420				Female Adapters *(23 21 13 23-2412)*		
	23 21 13 23-2421		EA	1/2" x 1/2", (PE x Threaded) Female Adapter For PEX Tubing	16.81	
				For Work In Restricted Working Space, Add	*3.81*	
	23 21 13 23-2422		EA	1/2" x 3/4", (PE x Threaded) Female Adapter For PEX Tubing	19.07	
				For Work In Restricted Working Space, Add	*4.04*	
	23 21 13 23-2423		EA	3/4" x 3/4", (PE x Threaded) Female Adapter For PEX Tubing	19.86	
				For Work In Restricted Working Space, Add	*4.28*	
	23 21 13 23-2424		EA	3/4" x 1/2", (PE x Threaded) Female Adapter For PEX Tubing	19.07	
				For Work In Restricted Working Space, Add	*4.04*	
	23 21 13 23-2425		EA	1" x 1", (PE x Threaded) Female Adapter For PEX Tubing	24.31	
				For Work In Restricted Working Space, Add	*4.76*	
23 21 13 23-2426				Tube Adapters *(23 21 13 23-2412)*		
	23 21 13 23-2427		EA	3/8" x 1/2" Tube Adapter For PEX Tubing	13.65	
				For Work In Restricted Working Space, Add	*3.57*	
	23 21 13 23-2428		EA	1/2" Tube Adapter For PEX Tubing	14.45	
				For Work In Restricted Working Space, Add	*3.81*	
	23 21 13 23-2429		EA	3/4" Tube Adapter For PEX Tubing	17.52	
				For Work In Restricted Working Space, Add	*4.28*	
	23 21 13 23-2430		EA	1" Tube Adapter For PEX Tubing	22.82	
				For Work In Restricted Working Space, Add	*4.76*	
23 21 13 23-2431				Plugs *(23 21 13 23-2412)*		
	23 21 13 23-2432		EA	3/8" Plug For PEX Tubing	6.92	
				For Work In Restricted Working Space, Add	*1.67*	
	23 21 13 23-2433		EA	1/2" Plug For PEX Tubing	7.71	
				For Work In Restricted Working Space, Add	*1.90*	
	23 21 13 23-2434		EA	3/4" Plug For PEX Tubing	8.90	
				For Work In Restricted Working Space, Add	*2.14*	
	23 21 13 23-2435		EA	1" Plug For PEX Tubing	11.17	
				For Work In Restricted Working Space, Add	*2.38*	
23 21 13 23-2436				Tees *(23 21 13 23-2412)*		
	23 21 13 23-2437		EA	3/8" Tee For PEX Tubing	19.52	
				For Work In Restricted Working Space, Add	*5.00*	
	23 21 13 23-2438		EA	1/2" Tee For PEX Tubing	21.89	
				For Work In Restricted Working Space, Add	*5.71*	
	23 21 13 23-2439		EA	3/4" Tee For PEX Tubing	26.22	
				For Work In Restricted Working Space, Add	*6.42*	
	23 21 13 23-2440		EA	1" Tee For PEX Tubing	34.08	
				For Work In Restricted Working Space, Add	*7.13*	
	23 21 13 23-2441		EA	1/2" Reducing Tee For PEX Tubing	21.10	
				For Work In Restricted Working Space, Add	*5.47*	
	23 21 13 23-2442		EA	3/4" Reducing Tee For PEX Tubing	24.64	
				For Work In Restricted Working Space, Add	*5.95*	
	23 21 13 23-2443		EA	1" Reducing Tee For PEX Tubing	30.93	
				For Work In Restricted Working Space, Add	*6.42*	
23 21 13 23-2444				Couplings *(23 21 13 23-2412)*		
	23 21 13 23-2445		EA	3/8" Coupling For PEX Tubing	12.56	
				For Work In Restricted Working Space, Add	*3.33*	
	23 21 13 23-2446		EA	1/2" Coupling For PEX Tubing	14.25	
				For Work In Restricted Working Space, Add	*3.81*	
	23 21 13 23-2447		EA	3/4" Coupling For PEX Tubing	16.32	
				For Work In Restricted Working Space, Add	*4.28*	
	23 21 13 23-2448		EA	1" Coupling For PEX Tubing	20.18	
				For Work In Restricted Working Space, Add	*4.76*	
	23 21 13 23-2449		EA	3/4" x 1/2" Reducing Coupling For PEX Tubing	15.53	
				For Work In Restricted Working Space, Add	*4.04*	
	23 21 13 23-2450		EA	1" x 3/4" Reducing Coupling For PEX Tubing	19.38	
				For Work In Restricted Working Space, Add	*4.52*	
23 21 13 23-2451				Fitting Reducers *(23 21 13 23-2412)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2452	EA	3/8" x 1/2" Fitting Reducer For PEX Tubing	13.94	
		For Work In Restricted Working Space, Add	*3.57*	
23 21 13 23-2453	EA	1/2" Fitting Reducer For PEX Tubing	14.74	
		For Work In Restricted Working Space, Add	*3.81*	
23 21 13 23-2454	EA	3/4" Fitting Reducer For PEX Tubing	18.10	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-2455	EA	1" Fitting Reducer For PEX Tubing	26.16	
		For Work In Restricted Working Space, Add	*4.76*	

23 21 13 23-2456 90 Degree Elbows *(23 21 13 23-2412)*

23 21 13 23-2457	EA	3/8" 90 Degree Elbow For PEX Tubing	13.44	
		For Work In Restricted Working Space, Add	*3.33*	
23 21 13 23-2458	EA	1/2" 90 Degree Elbow For PEX Tubing	15.03	
		For Work In Restricted Working Space, Add	*3.81*	
23 21 13 23-2459	EA	3/4" 90 Degree Elbow For PEX Tubing	18.10	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-2460	EA	3/4" x 1/2" 90 Degree Elbow For PEX Tubing	17.31	
		For Work In Restricted Working Space, Add	*4.04*	
23 21 13 23-2461	EA	1/2" Drop 90 Degree Elbow For PEX Tubing	21.14	
		For Work In Restricted Working Space, Add	*3.81*	
23 21 13 23-2462	EA	3/4" Drop 90 Degree Elbow For PEX Tubing	23.59	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-2463	EA	3/4" x 1/2" Drop 90 Degree Elbow For PEX Tubing	22.80	
		For Work In Restricted Working Space, Add	*4.04*	

23 21 13 23-2464 Chrome Plated Pipe *(23 21 13 23)*

23 21 13 23-2465 Chrome Plated Nipples *(23 21 13 23-2464)*

23 21 13 23-2466 Close *(23 21 13 23-2465)*

23 21 13 23-2467	EA	1/4" Diameter Chrome Plated Nipple, Close	12.75	6.34
23 21 13 23-2468	EA	3/8" Diameter Chrome Plated Nipple, Close	12.64	6.90
23 21 13 23-2469	EA	1/2" Diameter Chrome Plated Nipple, Close	15.37	7.92
23 21 13 23-2470	EA	3/4" Diameter Chrome Plated Nipple, Close	19.96	10.07
23 21 13 23-2471	EA	1" Diameter Chrome Plated Nipple, Close	26.60	13.24
23 21 13 23-2472	EA	1-1/4" Diameter Chrome Plated Nipple, Close	37.56	18.48
23 21 13 23-2473	EA	1-1/2" Diameter Chrome Plated Nipple, Close	45.32	21.65
23 21 13 23-2474	EA	2" Diameter Chrome Plated Nipple, Close	57.86	26.96

23 21 13 23-2475 1-1/2" Nipples *(23 21 13 23-2465)*

23 21 13 23-2476	EA	1/4" Diameter Chrome Plated Nipple, 1-1/2" Length	13.51	6.59
23 21 13 23-2477	EA	3/8" Diameter Chrome Plated Nipple, 1-1/2" Length	13.28	7.14
23 21 13 23-2478	EA	1/2" Diameter Chrome Plated Nipple, 1-1/2" Length	15.78	8.17
23 21 13 23-2479	EA	3/4" Diameter Chrome Plated Nipple, 1-1/2" Length	20.61	10.31

23 21 13 23-2480 2" Nipples *(23 21 13 23-2465)*

23 21 13 23-2481	EA	1/4" Diameter Chrome Plated Nipple, 2" Length	14.06	6.90
23 21 13 23-2482	EA	3/8" Diameter Chrome Plated Nipple, 2" Length	13.75	7.37
23 21 13 23-2483	EA	1/2" Diameter Chrome Plated Nipple, 2" Length	16.80	8.49
23 21 13 23-2484	EA	3/4" Diameter Chrome Plated Nipple, 2" Length	21.51	10.54
23 21 13 23-2485	EA	1" Diameter Chrome Plated Nipple, 2" Length	28.00	13.71
23 21 13 23-2486	EA	1-1/4" Diameter Chrome Plated Nipple, 2" Length	39.65	19.03
23 21 13 23-2487	EA	1-1/2" Diameter Chrome Plated Nipple, 2" Length	47.72	22.20

23 21 13 23-2488 2-1/2" Nipples *(23 21 13 23-2465)*

23 21 13 23-2489	EA	1/4" Diameter Chrome Plated Nipple, 2-1/2" Length	14.79	7.14
23 21 13 23-2490	EA	3/8" Diameter Chrome Plated Nipple, 2-1/2" Length	14.26	7.69
23 21 13 23-2491	EA	1/2" Diameter Chrome Plated Nipple, 2-1/2" Length	17.47	8.72
23 21 13 23-2492	EA	3/4" Diameter Chrome Plated Nipple, 2-1/2" Length	22.03	10.87
23 21 13 23-2493	EA	1" Diameter Chrome Plated Nipple, 2-1/2" Length	28.74	14.04
23 21 13 23-2494	EA	1-1/4" Diameter Chrome Plated Nipple, 2-1/2" Length	41.55	19.27
23 21 13 23-2495	EA	1-1/2" Diameter Chrome Plated Nipple, 2-1/2" Length	50.19	22.45
23 21 13 23-2496	EA	2" Diameter Chrome Plated Nipple, 2-1/2" Length	63.37	27.75

23 21 13 23-2497 3" Nipples *(23 21 13 23-2465)*

23 21 13 23-2498	EA	1/4" Diameter Chrome Plated Nipple, 3" Length	15.40	7.37
23 21 13 23-2499	EA	3/8" Diameter Chrome Plated Nipple, 3" Length	14.99	7.92
23 21 13 23-2500	EA	1/2" Diameter Chrome Plated Nipple, 3" Length	17.15	8.49
23 21 13 23-2501	EA	3/4" Diameter Chrome Plated Nipple, 3" Length	23.44	11.10
23 21 13 23-2502	EA	1" Diameter Chrome Plated Nipple, 3" Length	31.47	14.27
23 21 13 23-2503	EA	1-1/4" Diameter Chrome Plated Nipple, 3" Length	43.61	19.59
23 21 13 23-2504	EA	1-1/2" Diameter Chrome Plated Nipple, 3" Length	55.81	22.76
23 21 13 23-2505	EA	2" Diameter Chrome Plated Nipple, 3" Length	67.81	28.07

23 21 13 23-2506 3-1/2" Nipples *(23 21 13 23-2465)*

23 21 13 23-2507	EA	1/4" Diameter Chrome Plated Nipple, 3-1/2" Length	16.07	7.69
23 21 13 23-2508	EA	3/8" Diameter Chrome Plated Nipple, 3-1/2" Length	16.15	8.17
23 21 13 23-2509	EA	1/2" Diameter Chrome Plated Nipple, 3-1/2" Length	18.87	9.27

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2510	EA	3/4" Diameter Chrome Plated Nipple, 3-1/2" Length	25.48	11.34
23 21 13 23-2511	EA	1" Diameter Chrome Plated Nipple, 3-1/2" Length	32.62	14.51
23 21 13 23-2512	EA	1-1/4" Diameter Chrome Plated Nipple, 3-1/2" Length	47.48	19.83
23 21 13 23-2513	EA	1-1/2" Diameter Chrome Plated Nipple, 3-1/2" Length	57.61	23.00
23 21 13 23-2514	EA	2" Diameter Chrome Plated Nipple, 3-1/2" Length	71.38	28.31
23 21 13 23-2515		**4" Nipples** *(23 21 13 23-2465)*		
23 21 13 23-2516	EA	1/4" Diameter Chrome Plated Nipple, 4" Length	16.71	7.92
23 21 13 23-2517	EA	3/8" Diameter Chrome Plated Nipple, 4" Length	16.58	8.49
23 21 13 23-2518	EA	1/2" Diameter Chrome Plated Nipple, 4" Length	18.85	8.96
23 21 13 23-2519	EA	3/4" Diameter Chrome Plated Nipple, 4" Length	26.36	11.66
23 21 13 23-2520	EA	1" Diameter Chrome Plated Nipple, 4" Length	33.71	14.83
23 21 13 23-2521	EA	1-1/4" Diameter Chrome Plated Nipple, 4" Length	50.48	20.06
23 21 13 23-2522	EA	1-1/2" Diameter Chrome Plated Nipple, 4" Length	61.13	23.23
23 21 13 23-2523	EA	2" Diameter Chrome Plated Nipple, 4" Length	75.71	28.55
23 21 13 23-2524		**4-1/2" Nipples** *(23 21 13 23-2465)*		
23 21 13 23-2525	EA	1/4" Diameter Chrome Plated Nipple, 4-1/2" Length	17.31	8.17
23 21 13 23-2526	EA	3/8" Diameter Chrome Plated Nipple, 4-1/2" Length	17.75	8.72
23 21 13 23-2527	EA	1/2" Diameter Chrome Plated Nipple, 4-1/2" Length	20.63	9.76
23 21 13 23-2528	EA	3/4" Diameter Chrome Plated Nipple, 4-1/2" Length	27.36	11.89
23 21 13 23-2529	EA	1" Diameter Chrome Plated Nipple, 4-1/2" Length	37.16	15.06
23 21 13 23-2530	EA	1-1/4" Diameter Chrome Plated Nipple, 4-1/2" Length	53.36	20.38
23 21 13 23-2531	EA	1-1/2" Diameter Chrome Plated Nipple, 4-1/2" Length	62.77	23.55
23 21 13 23-2532	EA	2" Diameter Chrome Plated Nipple, 4-1/2" Length	79.69	28.86
23 21 13 23-2533		**5" Nipples** *(23 21 13 23-2465)*		
23 21 13 23-2534	EA	1/4" Diameter Chrome Plated Nipple, 5" Length	19.01	8.49
23 21 13 23-2535	EA	3/8" Diameter Chrome Plated Nipple, 5" Length	18.52	8.96
23 21 13 23-2536	EA	1/2" Diameter Chrome Plated Nipple, 5" Length	21.33	10.07
23 21 13 23-2537	EA	3/4" Diameter Chrome Plated Nipple, 5" Length	28.32	12.13
23 21 13 23-2538	EA	1" Diameter Chrome Plated Nipple, 5" Length	39.31	15.31
23 21 13 23-2539	EA	1-1/4" Diameter Chrome Plated Nipple, 5" Length	55.99	20.61
23 21 13 23-2540	EA	1-1/2" Diameter Chrome Plated Nipple, 5" Length	66.31	23.78
23 21 13 23-2541	EA	2" Diameter Chrome Plated Nipple, 5" Length	82.31	29.10
23 21 13 23-2542		**5-1/2" Nipples** *(23 21 13 23-2465)*		
23 21 13 23-2543	EA	1/4" Diameter Chrome Plated Nipple, 5-1/2" Length	19.64	8.72
23 21 13 23-2544	EA	3/8" Diameter Chrome Plated Nipple, 5-1/2" Length	19.17	9.27
23 21 13 23-2545	EA	1/2" Diameter Chrome Plated Nipple, 5-1/2" Length	23.01	10.31
23 21 13 23-2546	EA	3/4" Diameter Chrome Plated Nipple, 5-1/2" Length	29.28	12.45
23 21 13 23-2547	EA	1" Diameter Chrome Plated Nipple, 5-1/2" Length	40.50	15.62
23 21 13 23-2548	EA	1-1/4" Diameter Chrome Plated Nipple, 5-1/2" Length	59.14	20.85
23 21 13 23-2549	EA	1-1/2" Diameter Chrome Plated Nipple, 5-1/2" Length	69.16	24.03
23 21 13 23-2550	EA	2" Diameter Chrome Plated Nipple, 5-1/2" Length	85.62	29.34
23 21 13 23-2551		**6" Nipples** *(23 21 13 23-2465)*		
23 21 13 23-2552	EA	1/4" Diameter Chrome Plated Nipple, 6" Length	20.33	8.96
23 21 13 23-2553	EA	3/8" Diameter Chrome Plated Nipple, 6" Length	19.60	9.52
23 21 13 23-2554	EA	1/2" Diameter Chrome Plated Nipple, 6" Length	23.68	10.54
23 21 13 23-2555	EA	3/4" Diameter Chrome Plated Nipple, 6" Length	30.09	12.69
23 21 13 23-2556	EA	1" Diameter Chrome Plated Nipple, 6" Length	43.85	15.86
23 21 13 23-2557	EA	1-1/4" Diameter Chrome Plated Nipple, 6" Length	61.13	21.18
23 21 13 23-2558	EA	1-1/2" Diameter Chrome Plated Nipple, 6" Length	73.47	24.35
23 21 13 23-2559	EA	2" Diameter Chrome Plated Nipple, 6" Length	88.66	29.66
23 21 13 23-2560		**8" Nipples** *(23 21 13 23-2465)*		
23 21 13 23-2561	EA	3/8" Diameter Chrome Plated Nipple, 8" Length	22.71	10.07
23 21 13 23-2562	EA	1/2" Diameter Chrome Plated Nipple, 8" Length	31.69	11.10
23 21 13 23-2563	EA	3/4" Diameter Chrome Plated Nipple, 8" Length	38.39	13.24
23 21 13 23-2564	EA	1" Diameter Chrome Plated Nipple, 8" Length	50.43	16.41
23 21 13 23-2565	EA	1-1/4" Diameter Chrome Plated Nipple, 8" Length	71.43	21.65
23 21 13 23-2566	EA	1-1/2" Diameter Chrome Plated Nipple, 8" Length	86.86	24.82
23 21 13 23-2567	EA	2" Diameter Chrome Plated Nipple, 8" Length	106.77	30.13
23 21 13 23-2568		**10" Nipples** *(23 21 13 23-2465)*		
23 21 13 23-2569	EA	3/8" Diameter Chrome Plated Nipple, 10" Length	25.43	10.07
23 21 13 23-2570	EA	1/2" Diameter Chrome Plated Nipple, 10" Length	35.11	11.10
23 21 13 23-2571	EA	3/4" Diameter Chrome Plated Nipple, 10" Length	42.35	13.24
23 21 13 23-2572	EA	1" Diameter Chrome Plated Nipple, 10" Length	56.42	16.41
23 21 13 23-2573	EA	1-1/4" Diameter Chrome Plated Nipple, 10" Length	84.27	21.65
23 21 13 23-2574	EA	1-1/2" Diameter Chrome Plated Nipple, 10" Length	96.63	24.82
23 21 13 23-2575	EA	2" Diameter Chrome Plated Nipple, 10" Length	122.40	30.13
23 21 13 23-2576		**12" Nipples** *(23 21 13 23-2465)*		
23 21 13 23-2577	EA	3/8" Diameter Chrome Plated Nipple, 12" Length	28.32	11.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2578	EA	1/2" Diameter Chrome Plated Nipple, 12" Length	36.76	11.66
23 21 13 23-2579	EA	3/4" Diameter Chrome Plated Nipple, 12" Length	46.35	13.71
23 21 13 23-2580	EA	1" Diameter Chrome Plated Nipple, 12" Length	65.34	17.44
23 21 13 23-2581	EA	1-1/4" Diameter Chrome Plated Nipple, 12" Length	93.75	22.76
23 21 13 23-2582	EA	2" Diameter Chrome Plated Nipple, 12" Length	136.53	31.25
23 21 13 23-2583		18" Nipples *(23 21 13 23-2465)*		
23 21 13 23-2584	EA	3/8" Diameter Chrome Plated Nipple, 18" Length	34.85	11.66
23 21 13 23-2585		24" Nipples *(23 21 13 23-2465)*		
23 21 13 23-2586	EA	3/8" Diameter Chrome Plated Nipple, 24" Length	41.11	12.13
23 21 13 23-2587		30" Nipples *(23 21 13 23-2465)*		
23 21 13 23-2588	EA	3/8" Diameter Chrome Plated Nipple, 30" Length	45.20	12.69
23 21 13 23-2589		36" Nipples *(23 21 13 23-2465)*		
23 21 13 23-2590	EA	3/8" Diameter Chrome Plated Nipple, 36" Length	49.30	13.24
23 21 13 23-2591		Chrome Plated Fittings *(23 21 13 23-2464)*		
23 21 13 23-2592		Chrome Plated 90 Degree Elbows *(23 21 13 23-2591)*		
23 21 13 23-2593	EA	1/4" 90 Degree Elbow, Chrome Plated	15.67	7.37
23 21 13 23-2594	EA	3/8" 90 Degree Elbow, Chrome Plated	16.17	7.92
23 21 13 23-2595	EA	1/2" 90 Degree Elbow, Chrome Plated	17.97	8.49
23 21 13 23-2596	EA	3/4" 90 Degree Elbow, Chrome Plated	23.09	11.10
23 21 13 23-2597	EA	1" 90 Degree Elbow, Chrome Plated	30.96	14.27
23 21 13 23-2598	EA	1-1/4" 90 Degree Elbow, Chrome Plated	46.45	19.59
23 21 13 23-2599	EA	1-1/2" 90 Degree Elbow, Chrome Plated	55.43	22.76
23 21 13 23-2600	EA	2" 90 Degree Elbow, Chrome Plated	74.38	28.07
23 21 13 23-2601		Chrome Plated Street 90 Degree Elbows *(23 21 13 23-2591)*		
23 21 13 23-2602	EA	1/4" Street 90 Degree Elbow, Chrome Plated	17.58	7.37
23 21 13 23-2603	EA	3/8" Street 90 Degree Elbow, Chrome Plated	18.27	7.92
23 21 13 23-2604	EA	1/2" Street 90 Degree Elbow, Chrome Plated	19.43	8.49
23 21 13 23-2605	EA	3/4" Street 90 Degree Elbow, Chrome Plated	25.24	11.10
23 21 13 23-2606	EA	1" Street 90 Degree Elbow, Chrome Plated	34.93	14.27
23 21 13 23-2607	EA	1-1/4" Street 90 Degree Elbow, Chrome Plated	50.52	19.59
23 21 13 23-2608	EA	1-1/2" Street 90 Degree Elbow, Chrome Plated	61.14	22.76
23 21 13 23-2609	EA	2" Street 90 Degree Elbow, Chrome Plated	87.81	28.07
23 21 13 23-2610		Chrome Plated 45 Degree Elbows *(23 21 13 23-2591)*		
23 21 13 23-2611	EA	1/4" 45 Degree Elbow, Chrome Plated	16.09	7.37
23 21 13 23-2612	EA	3/8" 45 Degree Elbow, Chrome Plated	16.77	7.92
23 21 13 23-2613	EA	1/2" 45 Degree Elbow, Chrome Plated	18.41	8.49
23 21 13 23-2614	EA	3/4" 45 Degree Elbow, Chrome Plated	24.73	11.10
23 21 13 23-2615	EA	1" 45 Degree Elbow, Chrome Plated	32.80	14.27
23 21 13 23-2616	EA	1-1/4" 45 Degree Elbow, Chrome Plated	48.66	19.59
23 21 13 23-2617	EA	1-1/2" 45 Degree Elbow, Chrome Plated	58.39	22.76
23 21 13 23-2618	EA	2" 45 Degree Elbow, Chrome Plated	82.50	28.07
23 21 13 23-2619		Chrome Plated Street 45 Degree Elbows *(23 21 13 23-2591)*		
23 21 13 23-2620	EA	1/2" Street 45 Degree Elbow, Chrome Plated	21.04	8.49
23 21 13 23-2621		Chrome Plated Couplings *(23 21 13 23-2591)*		
23 21 13 23-2622	EA	1/4" Coupling, Chrome Plated	15.41	7.37
23 21 13 23-2623	EA	3/8" Coupling, Chrome Plated	16.20	7.92
23 21 13 23-2624	EA	1/2" Coupling, Chrome Plated	18.08	8.49
23 21 13 23-2625	EA	3/4" Coupling, Chrome Plated	23.13	11.10
23 21 13 23-2626	EA	1" Coupling, Chrome Plated	30.05	14.27
23 21 13 23-2627	EA	1-1/4" Coupling, Chrome Plated	43.14	19.59
23 21 13 23-2628	EA	1-1/2" Coupling, Chrome Plated	52.66	22.76
23 21 13 23-2629	EA	2" Coupling, Chrome Plated	71.00	28.07
23 21 13 23-2630		Chrome Plated Unions *(23 21 13 23-2591)*		
23 21 13 23-2631	EA	1/4" Union, Chrome Plated	23.09	8.49
23 21 13 23-2632	EA	3/8" Union, Chrome Plated	23.89	8.96
23 21 13 23-2633	EA	1/2" Union, Chrome Plated	28.48	10.07
23 21 13 23-2634	EA	3/4" Union, Chrome Plated	35.69	13.24
23 21 13 23-2635	EA	1" Union, Chrome Plated	45.24	16.89
23 21 13 23-2636	EA	1-1/4" Union, Chrome Plated	71.09	22.76
23 21 13 23-2637	EA	1-1/2" Union, Chrome Plated	87.86	26.96
23 21 13 23-2638	EA	2" Union, Chrome Plated	113.49	32.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2639		**Chrome Plated Caps** *(23 21 13 23-2591)*		
23 21 13 23-2640	EA	1/4" Cap, Chrome Plated	9.75	3.73
23 21 13 23-2641	EA	3/8" Cap, Chrome Plated	10.14	3.97
23 21 13 23-2642	EA	1/2" Cap, Chrome Plated	11.44	4.20
23 21 13 23-2643	EA	3/4" Cap, Chrome Plated	14.40	5.55
23 21 13 23-2644	EA	1" Cap, Chrome Plated	17.37	7.14
23 21 13 23-2645	EA	1-1/4" Cap, Chrome Plated	25.29	9.76
23 21 13 23-2646	EA	1-1/2" Cap, Chrome Plated	32.59	11.34
23 21 13 23-2647	EA	2" Cap, Chrome Plated	46.79	14.83
23 21 13 23-2648		**Chrome Plated Plugs** *(23 21 13 23-2591)*		
23 21 13 23-2649	EA	1/4" Plug, Chrome Plated	8.29	3.73
23 21 13 23-2650	EA	3/8" Plug, Chrome Plated	8.68	3.97
23 21 13 23-2651	EA	1/2" Plug, Chrome Plated	9.90	4.20
23 21 13 23-2652	EA	3/4" Plug, Chrome Plated	13.31	5.55
23 21 13 23-2653	EA	1" Plug, Chrome Plated	16.54	7.14
23 21 13 23-2654	EA	1-1/4" Plug, Chrome Plated	22.41	9.76
23 21 13 23-2655	EA	1-1/2" Plug, Chrome Plated	27.32	11.34
23 21 13 23-2656	EA	2" Plug, Chrome Plated	37.62	14.83
23 21 13 23-2657		**Chrome Plated Tees** *(23 21 13 23-2591)*		
23 21 13 23-2658	EA	1/4" Tee, Chrome Plated	22.17	11.10
23 21 13 23-2659	EA	3/8" Tee, Chrome Plated	23.75	12.13
23 21 13 23-2660	EA	1/2" Tee, Chrome Plated	26.31	13.24
23 21 13 23-2661	EA	3/4" Tee, Chrome Plated	32.73	16.41
23 21 13 23-2662	EA	1" Tee, Chrome Plated	45.51	21.18
23 21 13 23-2663	EA	1-1/4" Tee, Chrome Plated	62.70	29.10
23 21 13 23-2664	EA	1-1/2" Tee, Chrome Plated	78.64	33.86
23 21 13 23-2665	EA	2" Tee, Chrome Plated	105.66	41.79
23 21 13 23-2666		**Chrome Plated Reducing 90 Degree Elbows** *(23 21 13 23-2591)*		
23 21 13 23-2667	EA	1/2" x 3/8" Reducing 90 Degree Elbow, Chrome Plated	25.33	13.24
23 21 13 23-2668	EA	3/4" x 1/2" Reducing 90 Degree Elbow, Chrome Plated	30.09	16.41
23 21 13 23-2669		**Chrome Plated Bell Reducers** *(23 21 13 23-2591)*		
23 21 13 23-2670	EA	1/2" x 3/8" Bell Reducer, Chrome Plated	27.10	13.24
23 21 13 23-2671	EA	3/4" x 1/2" Bell Reducer, Chrome Plated	33.13	16.41
23 21 13 23-2672	EA	1" x 1/2" Bell Reducer, Chrome Plated	42.25	21.18
23 21 13 23-2673		**Chrome Plated Reducing Tees** *(23 21 13 23-2591)*		
23 21 13 23-2674	EA	3/4" x 1/2" Reducing Tee, Chrome Plated	35.37	16.41
23 21 13 23-2675		**Chrome Plated Bushings** *(23 21 13 23-2591)*		
23 21 13 23-2676	EA	3/8" x 1/4" Bushing, Chrome Plated	8.25	3.73
23 21 13 23-2677	EA	1/2" x 1/4" Bushing, Chrome Plated	8.86	3.97
23 21 13 23-2678	EA	1/2" x 3/8" Bushing, Chrome Plated	9.26	4.20
23 21 13 23-2679	EA	3/4" x 1/2" Bushing, Chrome Plated	11.86	5.55
23 21 13 23-2680	EA	1" x 3/4" Bushing, Chrome Plated	16.83	7.14
23 21 13 23-2681	EA	1-1/4" x 1" Bushing, Chrome Plated	24.30	9.76
23 21 13 23-2682		**Aluminum Tubing Assemblies** *(23 21 13 23)* Note: ASTM B210 (Tubing), ASTM B26 (Fittings). Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2683	LF	1/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	6.23	2.78
23 21 13 23-2684	LF	3/16" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	7.12	3.17
23 21 13 23-2685	LF	1/4" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	7.95	3.56
23 21 13 23-2686	LF	5/16" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	8.77	3.97
23 21 13 23-2687	LF	3/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	9.68	4.36
23 21 13 23-2688	LF	1/2" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	10.85	4.75
23 21 13 23-2689	LF	5/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	12.61	5.47
23 21 13 23-2690	LF	3/4" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	14.95	6.21

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23 21 13 23-2691	LF	7/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	17.07	6.93
23 21 13 23-2692	LF	1" Inside Diameter Aluminum Pipe/Tubing Assembly	19.39	7.30

23 21 16 Hydronic Piping Specialties *(23 21)*

23 21 16 00-0001 Strainers *(23 21 16)*

23 21 16 00-0002 Y-Type Iron Body Strainers, 250 LB, Screwed Ends *(23 21 16 00-0001)*

23 21 16 00-0003	EA	1/4" Or 3/8" Strainer, Iron Body, Y-Type, 250 LB, Screwed Ends	46.99	11.56
		For Galvanized Body, Add	*6.97*	
		For Work In Restricted Working Space, Add	*9.92*	
23 21 16 00-0004	EA	1/2" Strainer, Iron Body, Y-Type, 250 LB, Screwed Ends	47.51	11.78
		For Galvanized Body, Add	*6.97*	
		For Work In Restricted Working Space, Add	*10.07*	
23 21 16 00-0005	EA	3/4" Strainer, Iron Body, Y-Type, 250 LB, Screwed Ends	62.09	15.91
		For Galvanized Body, Add	*8.32*	
		For Work In Restricted Working Space, Add	*13.64*	
23 21 16 00-0006	EA	1" Strainer, Iron Body, Y-Type, 250 LB, Screwed Ends	76.70	19.01
		For Galvanized Body, Add	*11.24*	
		For Work In Restricted Working Space, Add	*16.27*	
23 21 16 00-0007	EA	1-1/4" Strainer, Iron Body, Y-Type, 250 LB, Screwed Ends	97.94	23.49
		For Galvanized Body, Add	*15.40*	
		For Work In Restricted Working Space, Add	*20.14*	
23 21 16 00-0008	EA	1-1/2" Strainer, Iron Body, Y-Type, 250 LB, Screwed Ends	109.39	25.30
		For Galvanized Body, Add	*18.55*	
		For Work In Restricted Working Space, Add	*21.69*	
23 21 16 00-0009	EA	2" Strainer, Iron Body, Y-Type, 250 LB, Screwed Ends	139.72	28.92
		For Galvanized Body, Add	*28.55*	
		For Work In Restricted Working Space, Add	*24.79*	
23 21 16 00-0010	EA	2-1/2" Strainer, Iron Body, Y-Type, 250 LB, Screwed Ends	231.64	36.15
		For Galvanized Body, Add	*64.18*	
		For Work In Restricted Working Space, Add	*30.98*	
23 21 16 00-0011	EA	3" Strainer, Iron Body, Y-Type, 250 LB, Screwed Ends	296.81	45.23
		For Galvanized Body, Add	*83.85*	
		For Work In Restricted Working Space, Add	*38.73*	

23 21 16 00-0012 Y-Type Iron Body Strainers, 125 LB, Flanged Ends *(23 21 16 00-0001)*

23 21 16 00-0013	EA	1-1/2" Strainer, Iron Body, Y-Type, 125 LB, Flanged Ends	189.65	51.64
		For Galvanized Body, Add	*43.19*	
		For Work In Restricted Working Space, Add	*30.98*	
23 21 16 00-0014	EA	2" Strainer, Iron Body, Y-Type, 125 LB, Flanged Ends	222.58	64.55
		For Galvanized Body, Add	*46.74*	
		For Work In Restricted Working Space, Add	*38.73*	
23 21 16 00-0015	EA	3" Strainer, Iron Body, Y-Type, 125 LB, Flanged Ends	429.38	103.28
		For Galvanized Body, Add	*111.41*	
		For Work In Restricted Working Space, Add	*61.97*	
23 21 16 00-0016	EA	4" Strainer, Iron Body, Y-Type, 125 LB, Flanged Ends	511.06	129.11
		For Galvanized Body, Add	*126.43*	
		For Work In Restricted Working Space, Add	*77.46*	
23 21 16 00-0017	EA	5" Strainer, Iron Body, Y-Type, 125 LB, Flanged Ends	630.75	173.93
		For Galvanized Body, Add	*141.45*	
		For Work In Restricted Working Space, Add	*104.36*	
23 21 16 00-0018	EA	6" Strainer, Iron Body, Y-Type, 125 LB, Flanged Ends	757.18	202.62
		For Galvanized Body, Add	*175.67*	
		For Work In Restricted Working Space, Add	*121.75*	
23 21 16 00-0019	EA	8" Strainer, Iron Body, Y-Type, 125 LB, Flanged Ends	1,178.96	243.50
		For Galvanized Body, Add	*345.98*	
		For Work In Restricted Working Space, Add	*146.10*	
23 21 16 00-0020	EA	10" Strainer, Iron Body, Y-Type, 125 LB, Flanged Ends	2,151.01	304.38
		For Galvanized Body, Add	*771.13*	
		For Work In Restricted Working Space, Add	*182.63*	
23 21 16 00-0021	EA	12" Strainer, Iron Body, Y-Type, 125 LB, Flanged Ends	2,473.26	434.82
		For Galvanized Body, Add	*801.81*	
		For Work In Restricted Working Space, Add	*260.90*	

23 21 16 00-0022 Y-Type Bronze Body Strainers, 150 LB Screwed Ends *(23 21 16 00-0001)*

Note: With screwed cap (4" size has bolted cap).

23 21 16 00-0023	EA	1/2" Strainer, Bronze Body, Y-Type, 150 LB, Screwed Ends	45.45	11.78
		For 300 LB Rating, Add	*20.20*	
		For Work In Restricted Working Space, Add	*10.07*	
23 21 16 00-0024	EA	3/4" Strainer, Bronze Body, Y-Type, 150 LB, Screwed Ends	60.90	15.91
		For 300 LB Rating, Add	*26.27*	
		For Work In Restricted Working Space, Add	*13.64*	
23 21 16 00-0025	EA	1" Strainer, Bronze Body, Y-Type, 150 LB, Screwed Ends	73.68	19.01
		For 300 LB Rating, Add	*33.08*	
		For Work In Restricted Working Space, Add	*16.27*	
23 21 16 00-0026	EA	1-1/4" Strainer, Bronze Body, Y-Type, 150 LB, Screwed Ends	91.50	23.49
		For 300 LB Rating, Add	*41.41*	
		For Work In Restricted Working Space, Add	*20.14*	
23 21 16 00-0027	EA	1-1/2" Strainer, Bronze Body, Y-Type, 150 LB, Screwed Ends	103.93	25.30
		For 300 LB Rating, Add	*53.77*	
		For Work In Restricted Working Space, Add	*21.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0028	EA	2" Strainer, Bronze Body, Y-Type, 150 LB, Screwed Ends	134.01	28.92
		For 300 LB Rating, Add	*87.36*	
		For Work In Restricted Working Space, Add	*24.79*	
23 21 16 00-0029	EA	2-1/2" Strainer, Bronze Body, Y-Type, 150 LB, Screwed Ends	188.08	36.15
		For 300 LB Rating, Add	*144.16*	
		For Work In Restricted Working Space, Add	*30.98*	
23 21 16 00-0030	EA	3" Strainer, Bronze Body, Y-Type, 150 LB, Screwed Ends	304.94	45.23
		For 300 LB Rating, Add	*298.91*	
		For Work In Restricted Working Space, Add	*38.73*	
23 21 16 00-0031	EA	4" Strainer, Bronze Body, Y-Type, 150 LB, Screwed Ends	488.62	54.22
		For 300 LB Rating, Add	*567.29*	
		For Work In Restricted Working Space, Add	*46.48*	

23 21 16 00-0032 Y-Type Bronze Body Strainer, 150 LB, Flanged Ends *(23 21 16 00-0001)*

Note: With bolted cap.

23 21 16 00-0033	EA	2" Strainer, Bronze Body, Y-Type, 150 LB, Flanged Ends	276.71	64.55
		For 300 LB Rating, Add	*88.56*	
		For Work In Restricted Working Space, Add	*38.73*	
23 21 16 00-0034	EA	2-1/2" Strainer, Bronze Body, Y-Type, 150 LB, Flanged Ends	318.73	84.17
		For 300 LB Rating, Add	*90.23*	
		For Work In Restricted Working Space, Add	*50.51*	
23 21 16 00-0035	EA	3" Strainer, Bronze Body, Y-Type, 150 LB, Flanged Ends	378.76	103.28
		For 300 LB Rating, Add	*103.32*	
		For Work In Restricted Working Space, Add	*61.97*	
23 21 16 00-0036	EA	4" Strainer, Bronze Body, Y-Type, 150 LB, Flanged Ends	676.62	129.11
		For 300 LB Rating, Add	*251.05*	
		For Work In Restricted Working Space, Add	*77.46*	
23 21 16 00-0037	EA	6" Strainer, Bronze Body, Y-Type, 150 LB, Flanged Ends	1,040.09	202.62
		For 300 LB Rating, Add	*380.55*	
		For Work In Restricted Working Space, Add	*121.75*	
23 21 16 00-0038	EA	8" Strainer, Bronze Body, Y-Type, 150 LB, Flanged Ends	1,569.40	243.50
		For 300 LB Rating, Add	*649.44*	
		For Work In Restricted Working Space, Add	*146.10*	
23 21 16 00-0039	EA	10" Strainer, Bronze Body, Y-Type, 150 LB, Flanged Ends	4,493.63	304.38
		For 300 LB Rating, Add	*2,330.93*	
		For Work In Restricted Working Space, Add	*182.63*	

23 21 16 00-0040 Crimped Bronze, Class 125 Strainer *(23 21 16 00-0001)*

23 21 16 00-0041	EA	1/2" Crimped Bronze, Class 125 Strainer	67.14	7.92
		For Work In Restricted Working Space, Add	*5.35*	
		For Work In Restricted Working Space, Add	*5.35*	
23 21 16 00-0042	EA	3/4" Crimped Bronze, Class 125 Strainer	77.62	8.72
		For Work In Restricted Working Space, Add	*6.10*	
		For Work In Restricted Working Space, Add	*6.10*	
23 21 16 00-0043	EA	1" Crimped Bronze, Class 125 Strainer	108.40	9.91
		For Work In Restricted Working Space, Add	*7.29*	
		For Work In Restricted Working Space, Add	*7.29*	
23 21 16 00-0044	EA	1-1/4" Crimped Bronze, Class 125 Strainer	142.71	10.54
		For Work In Restricted Working Space, Add	*8.03*	
		For Work In Restricted Working Space, Add	*8.03*	
23 21 16 00-0045	EA	1-1/2" Crimped Bronze, Class 125 Strainer	170.69	12.21
		For Work In Restricted Working Space, Add	*8.92*	
		For Work In Restricted Working Space, Add	*8.92*	
23 21 16 00-0046	EA	2" Crimped Bronze, Class 125 Strainer	249.00	14.43
		For Work In Restricted Working Space, Add	*10.71*	
		For Work In Restricted Working Space, Add	*10.71*	

23 21 16 00-0047 Cast Iron Body Suction Diffuser *(23 21 16)*

Note: 175 PSI, steel inlet vanes, steel orifice cylinder and 16 mesh bronze startup strainer.

23 21 16 00-0048	EA	2" x 1-1/2" Threaded Cast Iron Suction Diffuser	398.04	40.69
		For Work In Restricted Working Space, Add	*19.92*	
23 21 16 00-0049	EA	2" x 2" Threaded Cast Iron Suction Diffuser	418.67	45.13
		For Work In Restricted Working Space, Add	*22.13*	
23 21 16 00-0050	EA	2-1/2" x 2" Threaded Cast Iron Suction Diffuser	425.71	47.41
		For Work In Restricted Working Space, Add	*23.25*	
23 21 16 00-0051	EA	2-1/2" x 2-1/2" Flanged Cast Iron Suction Diffuser	710.55	53.29
		For Work In Restricted Working Space, Add	*26.12*	
23 21 16 00-0052	EA	3" x 1-1/2" Threaded Cast Iron Suction Diffuser	441.53	55.15
		For Work In Restricted Working Space, Add	*27.00*	
23 21 16 00-0053	EA	3" x 2" Threaded Cast Iron Suction Diffuser	497.91	55.15
		For Work In Restricted Working Space, Add	*27.00*	
23 21 16 00-0054	EA	3" x 2-1/2" Flanged Cast Iron Suction Diffuser	747.74	61.87
		For Work In Restricted Working Space, Add	*30.32*	
23 21 16 00-0055	EA	3" x 3" Flanged Cast Iron Suction Diffuser	755.43	64.55
		For Work In Restricted Working Space, Add	*31.63*	
23 21 16 00-0056	EA	4" x 3" Flanged Cast Iron Suction Diffuser	921.05	94.91
		For Work In Restricted Working Space, Add	*46.49*	
23 21 16 00-0057	EA	4" x 4" Flanged Cast Iron Suction Diffuser	1,066.57	112.88
		For Work In Restricted Working Space, Add	*55.33*	
23 21 16 00-0058	EA	6" x 4" Flanged Cast Iron Suction Diffuser	1,318.35	161.49
		For Work In Restricted Working Space, Add	*79.13*	
23 21 16 00-0059	EA	6" x 6" Flanged Cast Iron Suction Diffuser	1,593.20	177.50
		For Work In Restricted Working Space, Add	*86.97*	
23 21 16 00-0060	EA	8" x 6" Flanged Cast Iron Suction Diffuser	1,736.61	190.20
		For Work In Restricted Working Space, Add	*93.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0061	EA	8" x 8" Flanged Cast Iron Suction Diffuser	2,798.62	212.98
		For Work In Restricted Working Space, Add	*104.36*	
23 21 16 00-0062	EA	10" x 8" Flanged Cast Iron Suction Diffuser	3,153.72	239.50
		For Work In Restricted Working Space, Add	*117.37*	
23 21 16 00-0063	EA	10" x 10" Flanged Cast Iron Suction Diffuser	3,757.77	266.20
		For Work In Restricted Working Space, Add	*130.45*	

23 21 16 00-0064 Duplex Strainers *(23 21 16)*

23 21 16 00-0065 Iron Body Duplex Strainers *(23 21 16 00-0064)*

23 21 16 00-0066 Iron Body Duplex Strainers, Screwed, Bronze Diverter *(23 21 16 00-0065)*

Note: 125 LB flanged, with brass or stainless steel basket.

23 21 16 00-0067	EA	3/4" Duplex Strainer, Iron Body, Bronze Diverter, 125 LB, Screwed, With Brass Or Stainless Steel Basket	354.45	25.71
		For Work In Restricted Working Space, Add	*15.44*	
23 21 16 00-0068	EA	1" Duplex Strainer, Iron Body, Bronze Diverter, 125 LB, Screwed, With Brass Or Stainless Steel Basket	396.61	29.44
		For Work In Restricted Working Space, Add	*17.67*	
23 21 16 00-0069	EA	1-1/4" Duplex Strainer, Iron Body, Bronze Diverter, 125 LB, Screwed, With Brass Or Stainless Steel Basket	531.52	34.59
		For Work In Restricted Working Space, Add	*20.75*	
23 21 16 00-0070	EA	1-1/2" Duplex Strainer, Iron Body, Bronze Diverter, 125 LB, Screwed, With Brass Or Stainless Steel Basket	662.42	37.70
		For Work In Restricted Working Space, Add	*22.62*	
23 21 16 00-0071	EA	2" Duplex Strainer, Iron Body, Bronze Diverter, 125 LB, Screwed, With Brass Or Stainless Steel Basket	882.81	45.96
		For Work In Restricted Working Space, Add	*27.67*	
23 21 16 00-0072	EA	2-1/2" Duplex Strainer, Iron Body, Bronze Diverter, 125 LB, Screwed, With Brass Or Stainless Steel Basket	1,111.87	58.87
		For Work In Restricted Working Space, Add	*35.31*	

23 21 16 00-0073 Iron Body Duplex Strainers, Flanged, Bronze Diverter *(23 21 16 00-0065)*

Note: 125 LB flanged, with brass or stainless steel basket.

23 21 16 00-0074	EA	2" Duplex Strainer, Iron Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	1,194.31	68.47
		For Work In Restricted Working Space, Add	*41.11*	
23 21 16 00-0075	EA	2-1/2" Duplex Strainer, Iron Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	1,455.65	183.43
		For Work In Restricted Working Space, Add	*110.04*	
23 21 16 00-0076	EA	3" Duplex Strainer, Iron Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	1,876.38	236.00
		For Work In Restricted Working Space, Add	*141.58*	
23 21 16 00-0077	EA	4" Duplex Strainer, Iron Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	2,673.44	231.76
		For Work In Restricted Working Space, Add	*139.26*	
23 21 16 00-0078	EA	6" Duplex Strainer, Iron Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	5,114.19	347.86
		For Work In Restricted Working Space, Add	*208.72*	
23 21 16 00-0079	EA	8" Duplex Strainer, Iron Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	9,356.16	417.43
		For Work In Restricted Working Space, Add	*250.45*	
23 21 16 00-0080	EA	10" Duplex Strainer, Iron Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	12,752.43	474.39
		For Work In Restricted Working Space, Add	*284.64*	
23 21 16 00-0081	EA	12" Duplex Strainer, Iron Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	14,357.49	613.97
		For Work In Restricted Working Space, Add	*368.50*	
23 21 16 00-0082	EA	14" Duplex Strainer, Iron Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	17,397.07	745.28
		For Work In Restricted Working Space, Add	*447.17*	
23 21 16 00-0083	EA	16" Duplex Strainer, Iron Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	22,033.87	1,043.58
		For Work In Restricted Working Space, Add	*626.29*	

23 21 16 00-0084 Bronze Body Duplex Strainers *(23 21 16 00-0064)*

23 21 16 00-0085 Bronze Body Duplex Strainers, Screwed, Bronze Diverter *(23 21 16 00-0084)*

Note: 125 LB flanged, with brass or stainless steel basket.

23 21 16 00-0086	EA	3/4" Duplex Strainer, Bronze Body, Bronze Diverter, 125 LB, Screwed, With Brass Or Stainless Steel Basket	635.34	25.83
		For Work In Restricted Working Space, Add	*15.44*	
23 21 16 00-0087	EA	1" Duplex Strainer, Bronze Body, Bronze Diverter, 125 LB, Screwed, With Brass Or Stainless Steel Basket	705.90	29.44
		For Work In Restricted Working Space, Add	*17.67*	
23 21 16 00-0088	EA	1-1/4" Duplex Strainer, Bronze Body, Bronze Diverter, 125 LB, Screwed, With Brass Or Stainless Steel Basket	1,023.87	34.59
		For Work In Restricted Working Space, Add	*20.75*	
23 21 16 00-0089	EA	1-1/2" Duplex Strainer, Bronze Body, Bronze Diverter, 125 LB, Screwed, With Brass Or Stainless Steel Basket	1,337.81	37.70
		For Work In Restricted Working Space, Add	*22.62*	
23 21 16 00-0090	EA	2" Duplex Strainer, Bronze Body, Bronze Diverter, 125 LB, Screwed, With Brass Or Stainless Steel Basket	1,725.48	45.96
		For Work In Restricted Working Space, Add	*27.67*	
23 21 16 00-0091	EA	2-1/2" Duplex Strainer, Bronze Body, Bronze Diverter, 125 LB, Screwed, With Brass Or Stainless Steel Basket	2,121.80	58.87
		For Work In Restricted Working Space, Add	*35.31*	

23 21 16 00-0092 Bronze Body Duplex Strainers, Flanged, Bronze Diverter *(23 21 16 00-0084)*

Note: 125 LB flanged, with brass or stainless steel basket.

23 21 16 00-0093	EA	2" Duplex Strainer, Bronze Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	2,409.39	68.69
		For Work In Restricted Working Space, Add	*41.11*	
23 21 16 00-0094	EA	2-1/2" Duplex Strainer, Bronze Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	2,702.29	183.32
		For Work In Restricted Working Space, Add	*110.04*	
23 21 16 00-0095	EA	3" Duplex Strainer, Bronze Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	3,691.11	236.00
		For Work In Restricted Working Space, Add	*141.58*	
23 21 16 00-0096	EA	4" Duplex Strainer, Bronze Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	5,545.44	231.76
		For Work In Restricted Working Space, Add	*139.26*	
23 21 16 00-0097	EA	6" Duplex Strainer, Bronze Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	11,868.14	347.86
		For Work In Restricted Working Space, Add	*208.72*	

23 21 16 00-0098 Cast Steel Body Duplex Strainers *(23 21 16 00-0064)*

23 21 16 00-0099 Cast Steel Body Duplex Strainers, Screwed, Bronze Diverter *(23 21 16 00-0098)*

Note: 125 LB flanged, with brass or stainless steel basket.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0100	EA	1" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 LB, Screwed, With Brass Or Stainless Steel Basket	977.89	29.44
		For Work In Restricted Working Space, Add	*17.68*	
23 21 16 00-0101	EA	1-1/4" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 LB, Screwed, With Brass Or Stainless Steel Basket	1,202.54	34.59
		For Work In Restricted Working Space, Add	*20.75*	
23 21 16 00-0102	EA	1-1/2" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 LB, Screwed, With Brass Or Stainless Steel Basket	1,423.23	37.70
		For Work In Restricted Working Space, Add	*22.62*	
23 21 16 00-0103	EA	2" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 LB, Screwed, With Brass Or Stainless Steel Basket	2,389.64	45.96
		For Work In Restricted Working Space, Add	*27.67*	

23 21 16 00-0104 Cast Steel Body Duplex Strainers, Flanged, Bronze Diverter *(23 21 16 00-0098)*

Note: 125 LB flanged, with brass or stainless steel basket.

23 21 16 00-0105	EA	2" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	2,449.78	68.69
		For Work In Restricted Working Space, Add	*41.12*	
23 21 16 00-0106	EA	2-1/2" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	2,909.24	183.32
		For Work In Restricted Working Space, Add	*110.03*	
23 21 16 00-0107	EA	3" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	3,826.26	236.00
		For Work In Restricted Working Space, Add	*141.61*	
23 21 16 00-0108	EA	4" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	5,380.47	231.76
		For Work In Restricted Working Space, Add	*139.20*	
23 21 16 00-0109	EA	6" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	9,149.42	347.86
		For Work In Restricted Working Space, Add	*208.48*	
23 21 16 00-0110	EA	8" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 LB, Flanged, With Brass Or Stainless Steel Basket	17,436.59	417.43
		For Work In Restricted Working Space, Add	*250.17*	

23 21 16 00-0111 Stainless Steel Body Duplex Strainers *(23 21 16 00-0064)*

23 21 16 00-0112 Stainless Steel Body Duplex Strainers, Screwed *(23 21 16 00-0111)*

Note: Stainless steel diverter, 125 LB flanged, with stainless steel basket.

23 21 16 00-0113	EA	1" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 LB, Screwed, With Stainless Steel Basket	4,186.92	29.44
		For Work In Restricted Working Space, Add	*17.68*	
23 21 16 00-0114	EA	1-1/4" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 LB, Screwed, With Stainless Steel Basket	5,290.31	34.59
		For Work In Restricted Working Space, Add	*20.75*	
23 21 16 00-0115	EA	1-1/2" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 LB, Screwed, With Stainless Steel Basket	6,382.08	37.70
		For Work In Restricted Working Space, Add	*22.62*	
23 21 16 00-0116	EA	2" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 LB, Screwed, With Stainless Steel Basket	10,221.12	45.96
		For Work In Restricted Working Space, Add	*27.67*	

23 21 16 00-0117 Stainless Steel Body Duplex Strainers, Flanged *(23 21 16 00-0111)*

Note: Stainless steel diverter, 125 LB flanged, with stainless steel basket.

23 21 16 00-0118	EA	2" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 LB, Flanged, With Stainless Steel Basket	10,686.39	68.69
		For Work In Restricted Working Space, Add	*41.12*	
23 21 16 00-0119	EA	2-1/2" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 LB, Flanged, With Stainless Steel Basket	11,451.21	183.32
		For Work In Restricted Working Space, Add	*110.03*	
23 21 16 00-0120	EA	3" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 LB, Flanged, With Stainless Steel Basket	17,901.38	236.00
		For Work In Restricted Working Space, Add	*141.61*	
23 21 16 00-0121	EA	4" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 LB, Flanged, With Stainless Steel Basket	21,715.56	231.76
		For Work In Restricted Working Space, Add	*139.20*	
23 21 16 00-0122	EA	6" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 LB, Flanged, With Stainless Steel Basket	38,152.72	347.86
		For Work In Restricted Working Space, Add	*208.48*	
23 21 16 00-0123	EA	8" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 LB, Flanged, With Stainless Steel Basket	70,245.52	417.43
		For Work In Restricted Working Space, Add	*250.17*	

23 21 16 00-0124 Horizontal Steel Expansion Tanks ASME Code Stamp *(23 21 16)*

Note: 150 PSI with glass gauge cocks.

23 21 16 00-0125	EA	10 Gallon Steel Expansion Tank, ASME Stamp 150 PSI With Gauge Glass And Cocks	456.99	103.28
23 21 16 00-0126	EA	15 Gallon Steel Expansion Tank, ASME Stamp 150 PSI With Gauge Glass And Cocks	633.85	129.11
23 21 16 00-0127	EA	30 Gallon Steel Expansion Tank, ASME Stamp 150 PSI With Gauge Glass And Cocks	820.11	154.92
23 21 16 00-0128	EA	40 Gallon Steel Expansion Tank, ASME Stamp 150 PSI With Gauge Glass And Cocks	945.82	180.75
23 21 16 00-0129	EA	60 Gallon Steel Expansion Tank, ASME Stamp 150 PSI With Gauge Glass And Cocks	1,051.40	173.93

23 21 16 00-0130 Horizontal Diaphragm Type (Bladder) Steel Expansion Tanks, ASME *(23 21 16)*

Note: Precharged with working pressure 125 psi. Armstrong AX Series.

23 21 16 00-0131	EA	7.8 Gallon Horizontal Diaphragm Steel Expansion Tank	1,300.47	77.47
23 21 16 00-0132	EA	10.9 Gallon Horizontal Diaphragm Steel Expansion Tank	1,359.59	90.37
23 21 16 00-0133	EA	21.7 Gallon Horizontal Diaphragm Steel Expansion Tank	2,021.81	103.28
23 21 16 00-0134	EA	33.6 Gallon Horizontal Diaphragm Steel Expansion Tank	2,106.39	116.19
23 21 16 00-0135	EA	44.4 Gallon Horizontal Diaphragm Steel Expansion Tank	2,850.86	129.11
23 21 16 00-0136	EA	55.7 Gallon Horizontal Diaphragm Steel Expansion Tank	3,007.89	142.01
23 21 16 00-0137	EA	68.0 Gallon Horizontal Diaphragm Steel Expansion Tank	3,574.16	154.92
23 21 16 00-0138	EA	77.0 Gallon Horizontal Diaphragm Steel Expansion Tank	3,825.18	167.83
23 21 16 00-0139	EA	90.0 Gallon Horizontal Diaphragm Steel Expansion Tank	4,215.22	180.75
23 21 16 00-0140	EA	110.0 Gallon Horizontal Diaphragm Steel Expansion Tank	4,337.35	206.56
23 21 16 00-0141	EA	132.0 Gallon Horizontal Diaphragm Steel Expansion Tank	5,436.63	232.39
23 21 16 00-0142	EA	158.0 Gallon Horizontal Diaphragm Steel Expansion Tank	6,232.39	258.20
23 21 16 00-0143	EA	211.0 Gallon Horizontal Diaphragm Steel Expansion Tank	7,236.44	309.84

23 21 16 00-0144 Vertical Diaphragm Type (Bladder) Steel Expansion Tanks, ASME *(23 21 16)*

Note: Precharged with working pressure 125 psi. Armstrong AX Series.

23 21 16 00-0145	EA	8.0 Gallon Vertical Diaphragm Steel Expansion Tank	1,480.62	77.47
23 21 16 00-0146	EA	11.0 Gallon Vertical Diaphragm Steel Expansion Tank	1,529.95	90.37
23 21 16 00-0147	EA	22.0 Gallon Vertical Diaphragm Steel Expansion Tank	2,186.30	103.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0148	EA	34.0 Gallon Vertical Diaphragm Steel Expansion Tank	2,335.50	116.19
23 21 16 00-0149	EA	44.0 Gallon Vertical Diaphragm Steel Expansion Tank	2,966.39	129.11
23 21 16 00-0150	EA	56.0 Gallon Vertical Diaphragm Steel Expansion Tank	3,121.46	142.01
23 21 16 00-0151	EA	67.0 Gallon Vertical Diaphragm Steel Expansion Tank	3,803.27	154.92
23 21 16 00-0152	EA	77.0 Gallon Vertical Diaphragm Steel Expansion Tank	4,111.08	167.83
23 21 16 00-0153	EA	91.0 Gallon Vertical Diaphragm Steel Expansion Tank	4,546.15	180.75
23 21 16 00-0154	EA	111.0 Gallon Vertical Diaphragm Steel Expansion Tank	4,662.41	206.56
23 21 16 00-0155	EA	132.0 Gallon Vertical Diaphragm Steel Expansion Tank	5,732.32	232.39
23 21 16 00-0156	EA	158.0 Gallon Vertical Diaphragm Steel Expansion Tank	6,649.48	258.20
23 21 16 00-0157	EA	211.0 Gallon Vertical Diaphragm Steel Expansion Tank	7,661.37	309.84

23 21 16 00-0158 Vertical Diaphragm Type (Bladder) Steel Expansion Tanks, ASME *(23 21 16)*

23 21 16 00-0159	EA	2.1 Gallon Residential Expansion Tank	48.16	7.30
23 21 16 00-0160	EA	3.1 Gallon Residential Expansion Tank	59.82	7.30
23 21 16 00-0161	EA	4.7 Gallon Residential Expansion Tank	71.48	7.30

23 21 16 00-0162 Vertical Diaphragm Type (Bladder) FRP Expansion Tanks, ASME *(23 21 16)*

23 21 16 00-0163	EA	7.8 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 2.5 Gallon Acceptance	1,148.92	309.74
23 21 16 00-0164	EA	14.5 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 5 Gallon Acceptance	1,284.78	309.94
23 21 16 00-0165	EA	21.7 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 5 Gallon Acceptance	1,415.22	309.94
23 21 16 00-0166	EA	33.6 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 11.5 Gallon Acceptance	1,489.40	309.94
23 21 16 00-0167	EA	44.4 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 22.6 Gallon Acceptance	1,738.77	309.94
23 21 16 00-0168	EA	55.7 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 22.6 Gallon Acceptance	2,002.52	413.02
23 21 16 00-0169	EA	68 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 34 Gallon Acceptance	2,276.72	413.22
23 21 16 00-0170	EA	77 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 34 Gallon Acceptance	2,382.87	413.22
23 21 16 00-0171	EA	90 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 34 Gallon Acceptance	2,616.90	413.22
23 21 16 00-0172	EA	110 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 34 Gallon Acceptance	2,865.40	516.40
23 21 16 00-0173	EA	132 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 46 Gallon Acceptance	3,163.37	516.40
23 21 16 00-0174	EA	158 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 56 Gallon Acceptance	3,605.85	516.40
23 21 16 00-0175	EA	211 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 84 Gallon Acceptance	3,990.79	516.40
23 21 16 00-0176	EA	315 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 125 Gallon Acceptance	4,956.59	619.48
23 21 16 00-0177	EA	420 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 167 Gallon Acceptance	6,717.57	619.48

23 21 16 00-0178 Vent Valves *(23 21 16)*

23 21 16 00-0179	EA	1/8", 1.5 PSIG Operating Pressure, Non Vacuum Adjustable Angle Radiator Steam Vent Valve (Hoffman 1A)	53.46	15.49
23 21 16 00-0180	EA	1/2" x 3/4", 35 PSIG Operating Pressure, Straight Steam Unit Heater Air Vent Valve (Hoffman 74)	111.02	16.66
23 21 16 00-0181	EA	1/2" x 3/4", 3 PSIG Operating Pressure, Non Vacuum Main Steam Air Vent Valve (Hoffman 75)	106.51	16.66
23 21 16 00-0182	EA	1/2" x 3/4", 10 PSIG Operating Pressure, Non Vacuum Straight Non-Vacuum Main Steam Air Vent Valve (Hoffman 75H)	109.67	16.66
23 21 16 00-0183	EA	3/4", 150 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 78)	137.28	16.66
23 21 16 00-0184	EA	1/2" x 3/4", 75 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 79)	105.27	16.66

23 21 16 00-0185 Drip-Pan Elbow Threaded Inlet *(23 21 16)*

23 21 16 00-0186 Cast Iron *(23 21 16 00-0185)*

23 21 16 00-0187	EA	2-1/2" Cast Iron Drip-Pan Elbow Threaded Inlet	182.76	25.95
		For Flanged Inlet, Add	*54.38*	
23 21 16 00-0188	EA	3" Cast Iron Drip-Pan Elbow Threaded Inlet	209.87	30.76
		For Flanged Inlet, Add	*58.38*	
23 21 16 00-0189	EA	3-1/2" Cast Iron Drip-Pan Elbow Threaded Inlet	259.27	35.56
		For Flanged Inlet, Add	*78.76*	
23 21 16 00-0190	EA	4" Cast Iron Drip-Pan Elbow Threaded Inlet	366.68	40.37
		For Flanged Inlet, Add	*138.57*	
23 21 16 00-0191	EA	5" Cast Iron Drip-Pan Elbow Threaded Inlet	417.49	48.06
		For Flanged Inlet, Add	*153.18*	
23 21 16 00-0192	EA	6" Cast Iron Drip-Pan Elbow Threaded Inlet	569.48	60.55
		For Flanged Inlet, Add	*223.86*	
23 21 16 00-0193	EA	8" Cast Iron Drip-Pan Elbow Threaded Inlet	1,196.36	79.77
		For Flanged Inlet, Add	*595.67*	

23 21 16 00-0194 Cast Steel *(23 21 16 00-0185)*

23 21 16 00-0195	EA	2-1/2" Cast Steel Drip-Pan Elbow Threaded Inlet	264.85	25.95
		For Flanged Inlet, Add	*110.20*	
23 21 16 00-0196	EA	3" Cast Steel Drip-Pan Elbow Threaded Inlet	320.40	30.76
		For Flanged Inlet, Add	*133.54*	
23 21 16 00-0197	EA	3-1/2" Cast Steel Drip-Pan Elbow Threaded Inlet	436.12	35.56
		For Flanged Inlet, Add	*199.02*	
23 21 16 00-0198	EA	4" Cast Steel Drip-Pan Elbow Threaded Inlet	455.57	40.37
		For Flanged Inlet, Add	*199.02*	
23 21 16 00-0199	EA	5" Cast Steel Drip-Pan Elbow Threaded Inlet	628.89	48.06
		For Flanged Inlet, Add	*296.94*	
23 21 16 00-0200	EA	6" Cast Steel Drip-Pan Elbow Threaded Inlet	676.95	60.55
		For Flanged Inlet, Add	*296.94*	
23 21 16 00-0201	EA	8" Cast Steel Drip-Pan Elbow Threaded Inlet	1,070.24	79.77
		For Flanged Inlet, Add	*509.91*	

23 21 16 00-0202 Wall Seals And Sleeves *(23 21 16)*

Note: Up to 12" walls. Excludes drilling hole.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0203		**Ductile Iron Wall Sleeve** *(23 21 16 00-0202)* Note: Includes rubber gasket seal.		
23 21 16 00-0204	EA	3" Ductile Iron Wall Sleeve With Rubber Gasket Seal	85.41	34.75
23 21 16 00-0205	EA	4" Ductile Iron Wall Sleeve With Rubber Gasket Seal	105.29	40.59
23 21 16 00-0206	EA	6" Ductile Iron Wall Sleeve With Rubber Gasket Seal	128.68	48.69
23 21 16 00-0207	EA	8" Ductile Iron Wall Sleeve With Rubber Gasket Seal	182.88	73.00
23 21 16 00-0208	EA	10" Ductile Iron Wall Sleeve With Rubber Gasket Seal	235.34	97.30
23 21 16 00-0209	EA	12" Ductile Iron Wall Sleeve With Rubber Gasket Seal	290.21	121.68
23 21 16 00-0210		**Steel Pipe Sleeves** *(23 21 16 00-0202)* Note: Includes link seals 12" length.		
23 21 16 00-0211	EA	2.07" Inside Diameter Steel Pipe Sleeve With Link Seals	109.21	45.75
23 21 16 00-0212	EA	3.07" Inside Diameter Steel Pipe Sleeve With Link Seals	146.31	53.44
23 21 16 00-0213	EA	4.03" Inside Diameter Steel Pipe Sleeve With Link Seals	178.93	64.11
23 21 16 00-0214	EA	6.07" Inside Diameter Steel Pipe Sleeve With Link Seals	247.34	80.06
23 21 16 00-0215	EA	10.02" Inside Diameter Steel Pipe Sleeve With Link Seals	440.10	96.11
23 21 16 00-0216	EA	13.25" Inside Diameter Steel Pipe Sleeve With Link Seals	449.48	120.14
23 21 16 00-0217	EA	17.25" Inside Diameter Steel Pipe Sleeve With Link Seals	700.35	147.82
23 21 16 00-0218	EA	23.25" Inside Diameter Steel Pipe Sleeve With Link Seals	959.91	192.22
23 21 16 00-0219	EA	29.25" Inside Diameter Steel Pipe Sleeve With Link Seals	898.84	240.28
23 21 16 00-0220		**Pressure Regulating Valve** *(23 21 16)*		
23 21 16 00-0221		**Water Pressure Reducing Valve Threaded** *(23 21 16 00-0220)* Note: For building services, 25 - 75 PSI, up to 300 Lbs. rating, iron construction.		
23 21 16 00-0222	EA	1/2" Water Pressure Reducing Valve, Iron Construction, Threaded	94.04	9.91
		For Work In Restricted Working Space, Add	*11.89*	
23 21 16 00-0223	EA	3/4" Water Pressure Reducing Valve, Iron Construction, Threaded	113.39	11.10
		For Work In Restricted Working Space, Add	*13.22*	
23 21 16 00-0224	EA	1" Water Pressure Reducing Valve, Iron Construction, Threaded	143.31	11.89
		For Work In Restricted Working Space, Add	*13.99*	
23 21 16 00-0225	EA	1-1/4" Water Pressure Reducing Valve, Iron Construction, Threaded	231.56	13.32
		For Work In Restricted Working Space, Add	*15.86*	
23 21 16 00-0226	EA	1-1/2" Water Pressure Reducing Valve, Iron Construction, Threaded	309.94	15.86
		For Work In Restricted Working Space, Add	*19.03*	
23 21 16 00-0227	EA	2" Water Pressure Reducing Valve, Iron Construction, Threaded	447.49	24.31
		For Work In Restricted Working Space, Add	*29.20*	
23 21 16 00-0228	EA	2-1/2" Water Pressure Reducing Valve, Iron Construction	488.68	27.37
		For Work In Restricted Working Space, Add	*32.85*	
23 21 16 00-0229	EA	3" Water Pressure Reducing Valve, Iron Construction, Threaded	537.66	79.20
		For Work In Restricted Working Space, Add	*36.50*	
23 21 16 00-0230		**Steam Pressure Regulator And Reducer** *(23 21 16 00-0220)* Note: Single seated, spring loaded, direct acting diaphragm valve, iron body.		
23 21 16 00-0231	EA	1/2" Steam Pressure Regulator Valve And Reducer, Iron Body, Threaded, Single Seated Spring Loaded Direct Acting Diaphragm	167.30	17.35
		For Cast Iron Body, Add	*122.48*	
		For Work In Restricted Working Space, Add	*20.80*	
23 21 16 00-0232	EA	3/4" Steam Pressure Regulator Valve And Reducer, Iron Body, Threaded, Single Seated Spring Loaded Direct Acting Diaphragm	216.89	24.58
		For Cast Iron Body, Add	*148.16*	
		For Work In Restricted Working Space, Add	*29.51*	
23 21 16 00-0233	EA	1" Steam Pressure Regulator Valve And Reducer, Iron Body, Threaded, Single Seated Spring Loaded Direct Acting Diaphragm	274.73	29.95
		For Cast Iron Body, Add	*193.29*	
		For Work In Restricted Working Space, Add	*36.03*	
23 21 16 00-0234	EA	1-1/4" Steam Pressure Regulator Valve And Reducer, Iron Body, Threaded, Single Seated Spring Loaded Direct Acting Diaphragm	354.07	36.35
		For Cast Iron Body, Add	*268.14*	
		For Work In Restricted Working Space, Add	*41.87*	
23 21 16 00-0235	EA	1-1/2" Steam Pressure Regulator Valve And Reducer, Iron Body, Threaded, Single Seated Spring Loaded Direct Acting Diaphragm	457.10	41.31
		For Cast Iron Body, Add	*372.76*	
		For Work In Restricted Working Space, Add	*47.67*	
23 21 16 00-0236	EA	2" Steam Pressure Regulator Valve And Reducer, Iron Body, Threaded, Single Seated Spring Loaded Direct Acting Diaphragm	538.49	57.67
		For Cast Iron Body, Add	*432.84*	
		For Work In Restricted Working Space, Add	*57.67*	
23 21 16 00-0237	EA	2-1/2" Steam Pressure Regulator Valve And Reducer, Iron Body, Flanged, Single Seated Spring Loaded Direct Acting Diaphragm	1,123.94	67.66
		For Cast Iron Body, Add	*1,118.88*	
		For Work In Restricted Working Space, Add	*68.65*	
23 21 16 00-0238	EA	3" Steam Pressure Regulator Valve And Reducer, Iron Body, Flanged, Single Seated Spring Loaded Direct Acting Diaphragm	1,377.37	76.89
		For Cast Iron Body, Add	*1,397.01*	
		For Work In Restricted Working Space, Add	*77.93*	
23 21 16 00-0239	EA	4" Steam Pressure Regulator Valve And Reducer, Iron Body, Flanged, Single Seated Spring Loaded Direct Acting Diaphragm	1,901.47	142.63
		For Cast Iron Body, Add	*1,760.74*	
		For Work In Restricted Working Space, Add	*147.86*	
23 21 16 00-0240	EA	6" Steam Pressure Regulator Valve And Reducer, Iron Body, Flanged, Single Seated Spring Loaded Direct Acting Diaphragm	4,131.31	133.28
		For Cast Iron Body, Add	*4,585.73*	
		For Work In Restricted Working Space, Add	*138.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0241		**Steam Pressure Regulating And Reduced, Externally Piloted** *(23 21 16 00-0220)* Note: Cast iron body.		
23 21 16 00-0242	EA	1/2" Steam Pressure Regulator And Reducer, Externally Piloted, Cast Iron Body, Threaded	734.70	12.60
		For Work In Restricted Working Space, Add	*18.90*	
23 21 16 00-0243	EA	3/4" Steam Pressure Regulator And Reducer, Externally Piloted, Cast Iron Body, Threaded	749.27	12.60
		For Work In Restricted Working Space, Add	*18.90*	
23 21 16 00-0244	EA	1" Steam Pressure Regulator And Reducer, Externally Piloted, Cast Iron Body, Threaded	806.26	15.91
		For Work In Restricted Working Space, Add	*23.86*	
23 21 16 00-0245	EA	1-1/4" Steam Pressure Regulator And Reducer, Externally Piloted, Cast Iron Body, Threaded	952.58	20.24
		For Work In Restricted Working Space, Add	*30.37*	
23 21 16 00-0246	EA	1-1/2" Steam Pressure Regulator And Reducer, Externally Piloted, Cast Iron Body, Threaded	1,091.08	23.34
		For Work In Restricted Working Space, Add	*35.01*	
23 21 16 00-0247	EA	2" Steam Pressure Regulator And Reducer, Externally Piloted, Cast Iron Body, Threaded	1,348.05	27.47
		For Work In Restricted Working Space, Add	*41.21*	
23 21 16 00-0248	EA	2-1/2" Steam Pressure Regulator And Reducer, Externally Piloted, Cast Iron Body, Flanged	1,723.64	45.94
		For Work In Restricted Working Space, Add	*68.91*	
23 21 16 00-0249	EA	3" Steam Pressure Regulator And Reducer, Externally Piloted, Cast Iron Body, Flanged	2,096.68	49.98
		For Work In Restricted Working Space, Add	*74.97*	
23 21 16 00-0250	EA	4" Steam Pressure Regulator And Reducer, Externally Piloted, Cast Iron Body, Flanged	3,337.28	110.34
		For Work In Restricted Working Space, Add	*165.52*	
23 21 16 00-0251		**Air Pressure Reducing Valve Threaded, Iron Construction** *(23 21 16 00-0220)*		
23 21 16 00-0252	EA	1/2" Air Pressure Reducing Valve, Iron Construction, Threaded	102.99	10.31
23 21 16 00-0253	EA	3/4" Air Pressure Reducing Valve, Iron Construction, Threaded	124.79	11.42
23 21 16 00-0254	EA	1" Air Pressure Reducing Valve, Iron Construction, Threaded	159.21	12.13
23 21 16 00-0255	EA	1-1/4" Air Pressure Reducing Valve, Iron Construction, Threaded	260.94	13.80
23 21 16 00-0256	EA	1-1/2" Air Pressure Reducing Valve, Iron Construction, Threaded	350.45	16.49
23 21 16 00-0257	EA	2" Air Pressure Reducing Valve, Iron Construction, Threaded	505.07	25.26
23 21 16 00-0258	EA	2-1/2" Air Pressure Reducing Valve, Iron Construction, Threaded	547.37	27.52
23 21 16 00-0259	EA	3" Air Pressure Reducing Valve, Iron Construction, Threaded	606.06	31.68
23 21 16 00-0260		**Water Pressure Reducing Valve Threaded** *(23 21 16 00-0220)* Note: For building services, bronze construction, with pressure adjustment, union and strainer, factory set at 45 PSI, Adjustable (Watts 25AUB series).		
23 21 16 00-0261	EA	1/2" Water Pressure Reducing Valve, Bronze Construction, Threaded	92.22	9.91
23 21 16 00-0262	EA	3/4" Water Pressure Reducing Valve, Bronze Construction, Threaded	101.56	11.10
23 21 16 00-0263	EA	1" Water Pressure Reducing Valve, Bronze Construction, Threaded	122.65	12.29
23 21 16 00-0264	EA	1-1/4" Water Pressure Reducing Valve, Bronze Construction, Threaded	265.46	13.32
23 21 16 00-0265	EA	1-1/2" Water Pressure Reducing Valve, Bronze Construction, Threaded	290.41	15.86
23 21 16 00-0266	EA	2" Water Pressure Reducing Valve, Bronze Construction, Threaded	455.29	24.31
23 21 16 00-0267		**Dual Unit Reducing And Relief Valve** *(23 21 16)*		
23 21 16 00-0268	EA	1/2" Dual Unit Reducing And Relief Valve	120.31	31.50
23 21 16 00-0269		**Safety Relief Valve** *(23 21 16)* Note: Used in water heater and hot water storage tank applications.		
23 21 16 00-0270		**Bronze Body Safety Valve, Threaded** *(23 21 16 00-0269)* Note: Variable set points to 150 psig pressure, 210 Degree F temperature range.		
23 21 16 00-0271	EA	1/2" x 1/2" Threaded Bronze Body Safety Relief Valve	48.74	9.91
23 21 16 00-0272	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve	62.77	10.91
23 21 16 00-0273	EA	1" x 1" Threaded Bronze Body Safety Relief Valve	86.53	13.28
23 21 16 00-0274	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve	106.67	14.08
23 21 16 00-0275	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve	145.96	18.83
23 21 16 00-0276	EA	2" x 2" Threaded Bronze Body Safety Relief Valve	190.64	22.20
23 21 16 00-0277	EA	2-1/2" x 2-1/2" Threaded Bronze Body Safety Relief Valve	220.52	27.75
23 21 16 00-0278		**Temperature And Pressure Relief Valve, Bronze Body, Threaded** *(23 21 16)*		
23 21 16 00-0279	EA	1/2" x 1/2" Temperature And Pressure Relief Valve, Bronze Body, Threaded	49.88	20.22
		For Cast Iron Body, Add	*21.05*	
23 21 16 00-0280	EA	3/4" x 3/4" Temperature And Pressure Relief Valve, Bronze Body, Threaded	63.11	24.27
		For Cast Iron Body, Add	*29.34*	
23 21 16 00-0281	EA	1" x 1" Temperature And Pressure Relief Valve, Bronze Body, Threaded	90.24	32.35
		For Cast Iron Body, Add	*46.71*	
23 21 16 00-0282	EA	1-1/4" x 1-1/4" Temperature And Pressure Relief Valve, Bronze Body, Threaded	136.07	34.65
		For Cast Iron Body, Add	*99.29*	
23 21 16 00-0283	EA	1-1/2" x 1-1/2" Temperature And Pressure Relief Valve, Bronze Body, Threaded	215.36	38.86
		For Cast Iron Body, Add	*189.93*	
23 21 16 00-0284	EA	2" x 2" Temperature And Pressure Relief Valve, Bronze Body, Threaded	256.70	55.84
		For Cast Iron Body, Add	*206.81*	
23 21 16 00-0285		**Thermostatic Radiator Valves** *(23 21 16)*		
23 21 16 00-0286	EA	1/2" Straight Thermostatic Radiator Valve (Danfoss 013G8015) Note: For hot water or two pipe low pressure steam.	52.48	16.66
23 21 16 00-0287	EA	3/4" Straight Thermostatic Radiator Valve (Danfoss 013G8020) Note: For hot water or two pipe low pressure steam.	64.85	22.46
23 21 16 00-0288	EA	1" Straight Thermostatic Radiator Valve (Danfoss 013G8025) Note: For hot water or two pipe low pressure steam.	85.49	27.18
23 21 16 00-0289	EA	1-1/4" Straight Thermostatic Radiator Valve (Danfoss 013G8032) Note: For hot water or two pipe low pressure steam.	122.34	34.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0290	EA	1/2" Angle Thermostatic Radiator Valve (Danfoss 013G8014) Note: For hot water or two pipe low pressure steam.	52.48	16.66
23 21 16 00-0291	EA	3/4" Angle Thermostatic Radiator Valve (Danfoss 013G8019) Note: For hot water or two pipe low pressure steam.	64.85	22.46
23 21 16 00-0292	EA	1" Angle Thermostatic Radiator Valve (Danfoss 013G8024) Note: For hot water or two pipe low pressure steam.	85.49	27.18
23 21 16 00-0293	EA	1-1/4" Angle Thermostatic Radiator Valve (Danfoss 013G8031) Note: For hot water or two pipe low pressure steam.	122.34	34.43
23 21 16 00-0294	EA	Tamper Resistant Valve Mounted Dial And Sensor Thermostatic Operator (Danfoss 013G8240) Note: For hot water or two pipe low pressure steam.	60.75	12.91
23 21 16 00-0295	EA	Tamper Resistant Valve Mounted Dial With Remote Sensor Thermostatic Operator (Danfoss 013G2922) Note: For hot water or two pipe low pressure steam.	89.03	18.07
23 21 16 00-0296		**Compression Tanks ASME Construction** *(23 21 16)* Note: With gauge glass taps, 125 PSI, 240 degree F tanks below are sized by capacity and diameter and height. See CSI section 22 12 00 00-0000 for other tanks.		
23 21 16 00-0297	EA	15 Gallon 13" x 34-1/2" Compression Tank 150 PSIG	657.89	181.77
		For Galvanized Steel Tanks, Add	*191.24*	
23 21 16 00-0298	EA	24 Gallon 13" x 51" Compression Tank 150 PSIG	672.13	186.94
		For Galvanized Steel Tanks, Add	*194.05*	
23 21 16 00-0299	EA	30 Gallon 13" x 61-1/2" Compression Tank 150 PSIG	726.42	193.14
		For Galvanized Steel Tanks, Add	*216.55*	
23 21 16 00-0300	EA	40 Gallon 16-1/4" x 53" Compression Tank 150 PSIG	788.39	200.37
		For Galvanized Steel Tanks, Add	*241.86*	
23 21 16 00-0301	EA	60 Gallon 16-1/4" x 76-1/2" Compression Tank 150 PSIG	905.12	211.73
		For Galvanized Steel Tanks, Add	*292.48*	
23 21 16 00-0302	EA	80 Gallon 20-1/4" x 68" Compression Tank 150 PSIG	940.61	219.99
		For Galvanized Steel Tanks, Add	*303.73*	
23 21 16 00-0303	EA	100 Gallon 20-1/4" x 82" Compression Tank 150 PSIG	1,144.21	239.61
		For Galvanized Steel Tanks, Add	*390.91*	
23 21 16 00-0304	EA	120 Gallon 24-1/4" x 71-1/2" Compression Tank 150 PSIG	1,244.67	257.17
		For Galvanized Steel Tanks, Add	*427.47*	
23 21 16 00-0305	EA	144 Gallon 24-1/4" x 83-1/2" Compression Tank 150 PSIG	1,530.16	290.22
		For Galvanized Steel Tanks, Add	*545.34*	
23 21 16 00-0306	EA	180 Gallon 30" x 60" Compression Tank 150 PSIG	1,921.20	332.56
		For Galvanized Steel Tanks, Add	*708.70*	
23 21 16 00-0307	EA	202 Gallon 30" x 72" Compression Tank 150 PSIG	2,282.91	368.71
		For Galvanized Steel Tanks, Add	*862.32*	
23 21 16 00-0308	EA	230 Gallon 30" x 84" Compression Tank 150 PSIG	2,495.28	400.73
		For Galvanized Steel Tanks, Add	*943.87*	
23 21 16 00-0309	EA	280 Gallon 30" x 96" Compression Tank 150 PSIG	3,110.90	439.97
		For Galvanized Steel Tanks, Add	*1,222.29*	
23 21 16 00-0310	EA	306 Gallon 30" x 108" Compression Tank 150 PSIG	3,219.71	469.93
		For Galvanized Steel Tanks, Add	*1,253.72*	
23 21 16 00-0311	EA	340 Gallon 36" x 84" Compression Tank 150 PSIG	4,086.67	505.04
		For Galvanized Steel Tanks, Add	*1,660.82*	
23 21 16 00-0312	EA	550 Gallon 36" x 96" Compression Tank 150 PSIG	6,653.01	592.83
		For Galvanized Steel Tanks, Add	*2,877.46*	
23 21 16 00-0313		**Compression Tank Air Fittings** *(23 21 16)*		
23 21 16 00-0314	EA	Compression Tank Air Fittings For 9-24" Diameter Tank	97.70	28.92
23 21 16 00-0315	EA	Compression Tank Fittings For 100 Gallon And Larger	258.51	34.08
23 21 16 00-0316		**Vortex Air Separators With Strainer** *(23 21 16)* Note: Separators are priced by capacity in gallons per minute and by boiler connection sizes and types.		
23 21 16 00-0317	EA	2" Threaded, 56 GPM Vortex Air Separator With Strainer (Rolairtrol R-2N)	957.14	219.99
		For 300 PSIG, Add	*93.60*	
23 21 16 00-0318	EA	2-1/2" Threaded, 90 GPM Vortex Air Separator With Strainer (Rolairtrol R-2-1/2N)	1,172.64	252.01
		For 300 PSIG, Add	*118.52*	
23 21 16 00-0319	EA	3" Threaded, 190 GPM Vortex Air Separator With Strainer (Rolairtrol R-3N)	1,748.68	296.42
		For 300 PSIG, Add	*194.95*	
23 21 16 00-0320	EA	3" Flanged, 190 GPM Vortex Air Separator With Strainer (Rolairtrol R-3F)	1,867.30	313.74
		For 300 PSIG, Add	*208.79*	
23 21 16 00-0321	EA	4" Flanged, 300 GPM Vortex Air Separator With Strainer (Rolairtrol R-4F)	2,417.13	418.33
		For 300 PSIG, Add	*267.50*	
23 21 16 00-0322	EA	5" Flanged, 500 GPM Vortex Air Separator With Strainer (Rolairtrol R-5F)	2,994.24	473.09
		For 300 PSIG, Add	*341.71*	
23 21 16 00-0323	EA	6" Flanged, 700 GPM Vortex Air Separator With Strainer (Rolairtrol R-6F)	3,540.18	535.70
		For 300 PSIG, Add	*409.28*	
23 21 16 00-0324	EA	8" Flanged, 1300 GPM Vortex Air Separator With Strainer (Rolairtrol R-8F)	5,027.99	642.67
		For 300 PSIG, Add	*608.10*	
23 21 16 00-0325	EA	10" Flanged, 2000 GPM Vortex Air Separator With Strainer (Rolairtrol R-10F)	7,612.41	730.50
		For 300 PSIG, Add	*975.84*	
23 21 16 00-0326	EA	12" Flanged, 2750 GPM Vortex Air Separator With Strainer (Rolairtrol R-12F)	10,248.78	945.31
		For 300 PSIG, Add	*1,322.46*	
23 21 16 00-0327		**Vortex Air Separators Without Strainer** *(23 21 16)*		
23 21 16 00-0328	EA	2" Threaded, 56 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-2N)	835.29	219.99
		For 300 PSIG, Add	*75.32*	
23 21 16 00-0329	EA	2-1/2" Threaded, 90 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-2-1/2N)	1,039.72	252.01
		For 300 PSIG, Add	*98.58*	
23 21 16 00-0330	EA	3" Threaded, 190 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-3N)	1,715.45	296.42
		For 300 PSIG, Add	*189.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0331	EA	3" Flanged, 190 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-3F)	1,575.62	313.74
		For 300 PSIG, Add	*165.04*	
23 21 16 00-0332	EA	4" Flanged, 300 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-4F)	2,110.68	418.33
		For 300 PSIG, Add	*221.53*	
23 21 16 00-0333	EA	5" Flanged, 530 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-5F)	2,673.02	473.09
		For 300 PSIG, Add	*293.53*	
23 21 16 00-0334	EA	6" Flanged, 850 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-6F)	3,104.50	535.70
		For 300 PSIG, Add	*343.92*	
23 21 16 00-0335	EA	8" Flanged, 1900 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-8F)	8,151.56	642.67
		For 300 PSIG, Add	*1,076.63*	
23 21 16 00-0336	EA	10" Flanged, 3600 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-10F)	5,622.33	730.50
		For 300 PSIG, Add	*677.33*	
23 21 16 00-0337	EA	12" Flanged, 4800 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-12F)	8,576.69	945.31
		For 300 PSIG, Add	*1,071.65*	

23 21 16 00-0338 Grooved Vortex Air Separators With Strainer *(23 21 16)*

23 21 16 00-0339	EA	3" Grooved, 190 GPM Vortex Air Separator With Strainer (Rolairtrol R-3G)	1,624.55	250.99
23 21 16 00-0340	EA	4" Grooved, 300 GPM Vortex Air Separator With Strainer (Rolairtrol R-4G)	2,290.05	334.44
23 21 16 00-0341	EA	5" Grooved, 500 GPM Vortex Air Separator With Strainer (Rolairtrol R-5G)	2,850.98	378.13
23 21 16 00-0342	EA	6" Grooved, 700 GPM Vortex Air Separator With Strainer (Rolairtrol R-6G)	3,377.79	428.56
23 21 16 00-0343	EA	8" Grooved, 1300 GPM Vortex Air Separator With Strainer (Rolairtrol R-8G)	4,825.81	514.27
23 21 16 00-0344	EA	10" Grooved, 2000 GPM Vortex Air Separator With Strainer (Rolairtrol R-10G)	7,679.01	584.40
23 21 16 00-0345	EA	12" Grooved, 2750 GPM Vortex Air Separator With Strainer (Rolairtrol R-12G)	11,625.96	756.33

23 21 16 00-0346 Grooved Vortex Air Separators Without Strainer *(23 21 16)*

23 21 16 00-0347	EA	3" Grooved, 190 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-3G)	1,321.79	250.99
23 21 16 00-0348	EA	4" Grooved, 300 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-4G)	1,983.60	334.44
23 21 16 00-0349	EA	5" Grooved, 530 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-5G)	2,529.76	378.13
23 21 16 00-0350	EA	6" Grooved, 850 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-6G)	2,942.11	428.56
23 21 16 00-0351	EA	8" Grooved, 1900 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-8G)	3,902.77	514.27
23 21 16 00-0352	EA	10" Grooved, 3600 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-10G)	5,659.40	584.40
23 21 16 00-0353	EA	12" Grooved, 4800 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-12G)	9,296.89	756.33

23 21 16 00-0354 Air Eliminator And Dirt Separator With Removable Head *(23 21 16)*

Note: Spirovent VDN.

23 21 16 00-0355	EA	2" Air Eliminator And Dirt Separator, 45 GPM With Removable Head Note: Spirotherm VDN.	2,738.59	219.99
23 21 16 00-0356	EA	2-1/2" Air Eliminator And Dirt Separator, 70 GPM With Removable Head Note: Spirotherm VDN.	2,970.38	252.01
23 21 16 00-0357	EA	3" Air Eliminator And Dirt Separator, 95 GPM With Removable Head Note: Spirotherm VDN.	3,951.97	296.42
23 21 16 00-0358	EA	4" Air Eliminator And Dirt Separator, 170 GPM With Removable Head Note: Spirotherm VDN.	4,557.30	454.44
23 21 16 00-0359	EA	5" Air Eliminator And Dirt Separator, 260 GPM With Removable Head Note: Spirotherm VDN.	6,621.84	561.85
23 21 16 00-0360	EA	6" Air Eliminator And Dirt Separator, 375 GPM With Removable Head Note: Spirotherm VDN.	8,492.01	636.21
23 21 16 00-0361	EA	8" Air Eliminator And Dirt Separator, 625 GPM With Removable Head Note: Spirotherm VDN.	13,180.98	143.56
23 21 16 00-0362	EA	10" Air Eliminator And Dirt Separator, 950 GPM With Removable Head Note: Spirotherm VDN.	19,371.61	867.56
23 21 16 00-0363	EA	12" Air Eliminator And Dirt Separator, 1400 GPM With Removable Head Note: Spirotherm VDN.	25,038.18	1,122.66

23 21 16 00-0364 Swivel Joints *(23 21 16)*

23 21 16 00-0365 Style 20 (Straight Through) Swivel *(23 21 16 00-0364)*

Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.

23 21 16 00-0366	EA	1" Threaded Carbon Steel Single Swivel Joint, Style 20	242.78	27.16
23 21 16 00-0367	EA	1-1/2" Threaded Carbon Steel Single Swivel Joint, Style 20	354.14	39.76
23 21 16 00-0368	EA	2" Threaded Carbon Steel Single Swivel Joint, Style 20	404.90	46.48
23 21 16 00-0369	EA	3" Threaded Carbon Steel Single Swivel Joint, Style 20	598.54	79.53
23 21 16 00-0370	EA	3" Flanged Carbon Steel Single Swivel Joint, Style 20	751.35	109.84
23 21 16 00-0371	EA	4" Flanged Carbon Steel Single Swivel Joint, Style 20	1,008.96	184.36
23 21 16 00-0372	EA	6" Flanged Carbon Steel Single Swivel Joint, Style 20	1,865.68	258.20

23 21 16 00-0373 Basket Strainers *(23 21 16)*

23 21 16 00-0374 Bronze Body Basket Strainers *(23 21 16 00-0373)*

23 21 16 00-0375 Bronze Basket Strainers, Screwed Ends *(23 21 16 00-0374)*

23 21 16 00-0376	EA	1/2" Basket Strainer, Bronze, Screwed Ends	137.56	20.66
		For Work In Restricted Working Space, Add	*12.29*	
23 21 16 00-0377	EA	3/4" Basket Strainer, Bronze, Screwed Ends	162.41	24.27
		For Work In Restricted Working Space, Add	*14.45*	
23 21 16 00-0378	EA	1" Basket Strainer, Bronze, Screwed Ends	189.30	28.92
		For Work In Restricted Working Space, Add	*17.21*	
23 21 16 00-0379	EA	1-1/4" Basket Strainer, Bronze, Screwed Ends	231.24	32.02
		For Work In Restricted Working Space, Add	*19.19*	
23 21 16 00-0380	EA	1-1/2" Basket Strainer, Bronze, Screwed Ends	271.06	36.15
		For Work In Restricted Working Space, Add	*21.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0381	EA	2" Basket Strainer, Bronze, Screwed Ends	388.85	41.31
		For Work In Restricted Working Space, Add	*24.81*	
23 21 16 00-0382	EA	2-1/2" Basket Strainer, Bronze, Screwed Ends	546.31	55.25
		For Work In Restricted Working Space, Add	*33.23*	
23 21 16 00-0383	EA	3" Basket Strainer, Bronze, Screwed Ends	745.55	58.87
		For Work In Restricted Working Space, Add	*35.25*	
23 21 16 00-0384		**Bronze Basket Strainers, Flared Ends** *(23 21 16 00-0374)*		
23 21 16 00-0385	EA	2" Basket Strainer, Bronze, Flanged Ends	704.62	120.33
		For Work In Restricted Working Space, Add	*72.20*	
23 21 16 00-0386	EA	2-1/2" Basket Strainer, Bronze, Flanged Ends	1,092.55	183.32
		For Work In Restricted Working Space, Add	*110.00*	
23 21 16 00-0387	EA	3" Basket Strainer, Bronze, Flanged Ends	1,292.60	236.00
		For Work In Restricted Working Space, Add	*141.61*	
23 21 16 00-0388	EA	4" Basket Strainer, Bronze, Flanged Ends	1,939.20	275.25
		For Work In Restricted Working Space, Add	*165.16*	
23 21 16 00-0389	EA	6" Basket Strainer, Bronze, Flanged Ends	3,441.48	347.86
		For Work In Restricted Working Space, Add	*208.72*	
23 21 16 00-0390	EA	8" Basket Strainer, Bronze, Flanged Ends	5,931.84	417.43
		For Work In Restricted Working Space, Add	*250.45*	
23 21 16 00-0391		**Iron Body Basket Strainers** *(23 21 16 00-0373)*		
23 21 16 00-0392		**Iron Basket Strainers, Screwed Ends** *(23 21 16 00-0391)*		
23 21 16 00-0393	EA	1/2" Basket Strainer, Iron, Screwed Ends	145.12	20.66
		For Work In Restricted Working Space, Add	*12.29*	
23 21 16 00-0394	EA	3/4" Basket Strainer, Iron, Screwed Ends	164.72	24.27
		For Work In Restricted Working Space, Add	*14.45*	
23 21 16 00-0395	EA	1" Basket Strainer, Iron, Screwed Ends	194.96	28.92
		For Work In Restricted Working Space, Add	*17.21*	
23 21 16 00-0396	EA	1-1/4" Basket Strainer, Iron, Screwed Ends	248.36	32.02
		For Work In Restricted Working Space, Add	*19.19*	
23 21 16 00-0397	EA	1-1/2" Basket Strainer, Iron, Screwed Ends	273.82	36.15
		For Work In Restricted Working Space, Add	*21.67*	
23 21 16 00-0398	EA	2" Basket Strainer, Iron, Screwed Ends	323.47	41.31
		For Work In Restricted Working Space, Add	*24.81*	
23 21 16 00-0399	EA	2-1/2" Basket Strainer, Iron, Screwed Ends	454.72	55.25
		For Work In Restricted Working Space, Add	*33.23*	
23 21 16 00-0400	EA	3" Basket Strainer, Iron, Screwed Ends	509.21	58.87
		For Work In Restricted Working Space, Add	*35.25*	
23 21 16 00-0401		**Iron Basket Strainers, Flared Ends** *(23 21 16 00-0391)*		
23 21 16 00-0402	EA	2" Basket Strainer, Iron, Flanged Ends	613.49	120.33
		For Work In Restricted Working Space, Add	*72.20*	
23 21 16 00-0403	EA	2-1/2" Basket Strainer, Iron, Flanged Ends	869.14	183.32
		For Work In Restricted Working Space, Add	*110.00*	
23 21 16 00-0404	EA	3" Basket Strainer, Iron, Flanged Ends	1,006.93	236.00
		For Work In Restricted Working Space, Add	*141.61*	
23 21 16 00-0405	EA	4" Basket Strainer, Iron, Flanged Ends	1,355.59	275.25
		For Work In Restricted Working Space, Add	*165.16*	
23 21 16 00-0406	EA	6" Basket Strainer, Iron, Flanged Ends	2,262.60	347.86
		For Work In Restricted Working Space, Add	*208.72*	
23 21 16 00-0407	EA	8" Basket Strainer, Iron, Flanged Ends	3,725.44	417.43
		For Work In Restricted Working Space, Add	*250.45*	
23 21 16 00-0408	EA	10" Basket Strainer, Iron, Flanged Ends	5,298.24	474.39
		For Work In Restricted Working Space, Add	*284.64*	
23 21 16 00-0409	EA	12" Basket Strainer, Iron, Flanged Ends	6,387.71	613.97
		For Work In Restricted Working Space, Add	*368.35*	
23 21 16 00-0410	EA	14" Basket Strainer, Iron, Flanged Ends	8,001.23	745.28
		For Work In Restricted Working Space, Add	*447.17*	
23 21 16 00-0411	EA	16" Basket Strainer, Iron, Flanged Ends	8,895.44	1,043.49
		For Work In Restricted Working Space, Add	*626.29*	
23 21 16 00-0412		**Cast Steel Body Basket Strainers** *(23 21 16 00-0373)*		
23 21 16 00-0413		**Cast Steel Basket Strainers, Screwed Ends** *(23 21 16 00-0412)*		
23 21 16 00-0414	EA	1" Basket Strainer, Cast Steel, Screwed Ends	310.38	28.92
		For Work In Restricted Working Space, Add	*17.21*	
23 21 16 00-0415	EA	1-1/4" Basket Strainer, Cast Steel, Screwed Ends	401.67	32.02
		For Work In Restricted Working Space, Add	*19.19*	
23 21 16 00-0416	EA	1-1/2" Basket Strainer, Cast Steel, Screwed Ends	452.78	36.15
		For Work In Restricted Working Space, Add	*21.66*	
23 21 16 00-0417	EA	2" Basket Strainer, Cast Steel, Screwed Ends	624.07	41.31
		For Work In Restricted Working Space, Add	*24.81*	
23 21 16 00-0418	EA	2-1/2" Basket Strainer, Cast Steel, Screwed Ends	871.90	55.25
		For Work In Restricted Working Space, Add	*33.23*	
23 21 16 00-0419	EA	3" Basket Strainer, Cast Steel, Screwed Ends	1,114.50	58.87
		For Work In Restricted Working Space, Add	*35.26*	
23 21 16 00-0420		**Cast Steel Basket Strainers, Flared Ends** *(23 21 16 00-0412)*		
23 21 16 00-0421	EA	2" Basket Strainer, Cast Steel, Flanged Ends	1,028.61	120.33
		For Work In Restricted Working Space, Add	*72.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0422	EA	2-1/2" Basket Strainer, Cast Steel, Flanged Ends	1,519.08	183.32
		For Work In Restricted Working Space, Add	*110.00*	
23 21 16 00-0423	EA	3" Basket Strainer, Cast Steel, Flanged Ends	1,731.65	236.00
		For Work In Restricted Working Space, Add	*141.61*	
23 21 16 00-0424	EA	4" Basket Strainer, Cast Steel, Flanged Ends	2,319.37	275.25
		For Work In Restricted Working Space, Add	*165.16*	
23 21 16 00-0425	EA	6" Basket Strainer, Cast Steel, Flanged Ends	3,884.98	347.86
		For Work In Restricted Working Space, Add	*208.72*	
23 21 16 00-0426	EA	8" Basket Strainer, Cast Steel, Flanged Ends	6,060.92	417.43
		For Work In Restricted Working Space, Add	*250.45*	

23 21 16 00-0427 Stainless Steel Body Basket Strainers *(23 21 16 00-0373)*

23 21 16 00-0428 Stainless Steel Basket Strainers, Screwed Ends *(23 21 16 00-0427)*

23 21 16 00-0429	EA	1" Basket Strainer, Stainless Steel, Screwed Ends	298.73	28.92
		For Work In Restricted Working Space, Add	*17.21*	
23 21 16 00-0430	EA	1-1/4" Basket Strainer, Stainless Steel, Screwed Ends	421.22	32.02
		For Work In Restricted Working Space, Add	*19.19*	
23 21 16 00-0431	EA	1-1/2" Basket Strainer, Stainless Steel, Screwed Ends	437.82	36.15
		For Work In Restricted Working Space, Add	*21.66*	
23 21 16 00-0432	EA	2" Basket Strainer, Stainless Steel, Screwed Ends	635.89	41.31
		For Work In Restricted Working Space, Add	*24.81*	
23 21 16 00-0433	EA	2-1/2" Basket Strainer, Stainless Steel, Screwed Ends	895.75	55.25
		For Work In Restricted Working Space, Add	*33.23*	
23 21 16 00-0434	EA	3" Basket Strainer, Stainless Steel, Screwed Ends	1,246.60	58.87
		For Work In Restricted Working Space, Add	*35.26*	

23 21 16 00-0435 Stainless Steel Basket Strainers, Flanged Ends *(23 21 16 00-0427)*

23 21 16 00-0436	EA	2" Basket Strainer, Stainless Steel, Flanged Ends	1,063.89	120.33
		For Work In Restricted Working Space, Add	*72.20*	
23 21 16 00-0437	EA	2-1/2" Basket Strainer, Stainless Steel, Flanged Ends	1,648.68	183.32
		For Work In Restricted Working Space, Add	*110.00*	
23 21 16 00-0438	EA	3" Basket Strainer, Stainless Steel, Flanged Ends	1,920.12	236.00
		For Work In Restricted Working Space, Add	*141.61*	
23 21 16 00-0439	EA	4" Basket Strainer, Stainless Steel, Flanged Ends	2,999.87	275.25
		For Work In Restricted Working Space, Add	*165.16*	
23 21 16 00-0440	EA	6" Basket Strainer, Stainless Steel, Flanged Ends	4,519.06	347.86
		For Work In Restricted Working Space, Add	*208.72*	
23 21 16 00-0441	EA	8" Basket Strainer, Stainless Steel, Flanged Ends	7,573.46	417.43
		For Work In Restricted Working Space, Add	*250.45*	

23 21 16 00-0442 Air Vents *(23 21 16)*

23 21 16 00-0443 Cast Iron, With Guided Free Floating Lever, Automatic *(23 21 16 00-0442)*

23 21 16 00-0444	EA	1/2" NPT, Cast Iron Auto Air Vent With Guided Free Floating Lever	208.71	29.95
23 21 16 00-0445	EA	3/4" NPT, Cast Iron Auto Air Vent With Guided Free Floating Lever	257.23	39.76
23 21 16 00-0446	EA	1" NPT, Cast Iron Auto Air Vent With Guided Free Floating Lever	553.22	41.31
23 21 16 00-0447	EA	1-1/4" NPT, Cast Iron Auto Air Vent With Guided Free Floating Lever	821.98	63.83
23 21 16 00-0448	EA	1-1/2" NPT, Cast Iron Auto Air Vent With Guided Free Floating Lever	1,345.21	68.69
23 21 16 00-0449	EA	2" NPT, Cast Iron Auto Air Vent With Guided Free Floating Lever	1,552.51	90.58

23 21 16 00-0450 Forged Steel, Stainless Steel Internals, Automatic *(23 21 16 00-0442)*

Note: With guided free floating lever.

23 21 16 00-0451	EA	1/2" NPT, Forged Steel Auto Air Vent With Guided Free Floating Lever	1,152.65	34.59
23 21 16 00-0452	EA	3/4" NPT, Forged Steel Auto Air Vent With Guided Free Floating Lever	1,442.00	39.76
23 21 16 00-0453	EA	1" NPT, Forged Steel Auto Air Vent With Guided Free Floating Lever	1,716.11	41.31
23 21 16 00-0454	EA	1-1/4" NPT, Forged Steel Auto Air Vent With Guided Free Floating Lever	2,812.70	64.03
23 21 16 00-0455	EA	1-1/2" NPT, Forged Steel Auto Air Vent With Guided Free Floating Lever	3,244.90	68.69
23 21 16 00-0456	EA	2" NPT, Forged Steel Auto Air Vent With Guided Free Floating Lever	4,762.73	90.37

23 21 16 00-0457 Manual Air Vent *(23 21 16 00-0442)*

23 21 16 00-0458	EA	Manual Air Vent	69.51	37.28

23 21 16 00-0459 Automatic Brass Vent Traps *(23 21 16 00-0442)*

23 21 16 00-0460	EA	Trap Vent, Automatic, 1-1/2" Brass Base With Chrome Finish	45.54	24.27

23 21 23 Hydronic Pumps *(23 21)*

23 21 23 13 In-Line Centrifugal Hydronic Pumps *(23 21 23)*

23 21 23 13-0001 Cast Iron Single Stage In-Line Centrifugal Pump *(23 21 23 13)*

Note: For general service, 125 LB flanged, 3550 RPM TEFC motor. Includes packed stuffing boxes and ductile iron case.

23 21 23 13-0002	EA	50 GPM Cast Iron Centrifugal Pump, Single Stage With 100' Head And 3 HP	7,126.64	275.71
		For Mechanical Seal, Add	*503.99*	
		For Cast Steel Case, Add	*1,133.99*	
23 21 23 13-0003	EA	75 GPM Cast Iron Centrifugal Pump, Single Stage With 100' Head And 5 HP	7,754.41	333.71
		For Mechanical Seal, Add	*540.29*	
		For Cast Steel Case, Add	*1,215.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 13-0004	EA	100 GPM Cast Iron Centrifugal Pump, Single Stage With 150' Head And 7-1/2 HP	8,954.24	396.45
		For Mechanical Seal, Add	*621.27*	
		For Cast Steel Case, Add	*1,397.85*	
23 21 23 13-0005	EA	125 GPM Cast Iron Centrifugal Pump, Single Stage With 150' Head And 10 HP	9,559.79	528.61
		For Mechanical Seal, Add	*638.02*	
		For Cast Steel Case, Add	*1,435.54*	
23 21 23 13-0006	EA	150 GPM Cast Iron Centrifugal Pump, Single Stage With 200' Head And 15 HP	11,440.98	576.14
		For Mechanical Seal, Add	*776.99*	
		For Cast Steel Case, Add	*1,748.23*	
23 21 23 13-0007	EA	200 GPM Cast Iron Centrifugal Pump, Single Stage With 300' Head And 30 HP	17,293.49	634.13
		For Mechanical Seal, Add	*1,231.36*	
		For Cast Steel Case, Add	*2,770.57*	
23 21 23 13-0008	EA	250 GPM Cast Iron Centrifugal Pump, Single Stage With 300' Head And 40 HP	20,281.60	791.96
		For Mechanical Seal, Add	*1,432.38*	
		For Cast Steel Case, Add	*3,222.86*	
23 21 23 13-0009	EA	300 GPM Cast Iron Centrifugal Pump, Single Stage With 300' Head And 50 HP	16,851.92	905.10
		For Mechanical Seal, Add	*1,130.84*	
		For Cast Steel Case, Add	*2,544.40*	
23 21 23 13-0010	EA	400 GPM Cast Iron Centrifugal Pump, Single Stage With 400' Head And 75 HP	36,125.53	901.82
		For Mechanical Seal, Add	*2,673.60*	
		For Cast Steel Case, Add	*6,015.59*	
23 21 23 13-0011	EA	600 GPM Cast Iron Centrifugal Pump, Single Stage With 400' Head And 100 HP	39,265.09	1,159.24
		For Mechanical Seal, Add	*2,862.92*	
		For Cast Steel Case, Add	*6,441.57*	

23 21 23 16 Base-Mounted, Centrifugal Hydronic Pumps *(23 21 23)*

23 21 23 16-0001 Single Stage, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 1800 RPM, welded steel baseplate, internally flushed mechanical seal, bronze wear ring, galvanized drip pan, and 3 phase 230/460V premium efficiency motor. Bell & Gossett 1510 Series.

23 21 23 16-0002	EA	5 HP, 50 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/4 BC, BF, 184T)	3,223.39	301.38
23 21 23 16-0003	EA	7.5 HP, 100 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/2 BC, BF, 213T)	3,583.59	301.76
23 21 23 16-0004	EA	10 HP, 225 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 215T)	4,692.45	396.45
23 21 23 16-0005	EA	15 HP, 250 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 254T)	5,221.30	487.72
23 21 23 16-0006	EA	15 HP, 300 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 G, BF, 254T)	5,758.24	487.72
23 21 23 16-0007	EA	20 HP, 350 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 E, BF, 256T)	5,681.04	528.61
23 21 23 16-0008	EA	20 HP, 500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 256T)	5,986.32	528.61
23 21 23 16-0009	EA	25 HP, 600 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 284T)	6,530.43	554.28
23 21 23 16-0010	EA	30 HP, 750 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 286T)	7,372.41	704.49
23 21 23 16-0011	EA	40 HP, 1050 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 324T)	7,871.79	791.96
23 21 23 16-0012	EA	60 HP, 1500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 6 E, BF, 364T)	12,829.77	1,742.06
23 21 23 16-0013	EA	75 HP, 2000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 365T)	17,953.06	2,090.09
23 21 23 16-0014	EA	100 HP, 3000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 404TS)	20,720.96	2,612.62

23 21 23 16-0015 Single Stage, Vertical Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.

23 21 23 16-0016	EA	40 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 1-1/2 HP	2,952.63	221.52
		For 300 LB Flanges, Add	*638.29*	
23 21 23 16-0017	EA	50 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 2 HP	3,626.07	237.68
		For 300 LB Flanges, Add	*817.39*	
23 21 23 16-0018	EA	90 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 3 HP	4,523.50	253.84
		For 300 LB Flanges, Add	*1,025.24*	
23 21 23 16-0019	EA	100 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 5 HP	5,321.08	301.38
		For 300 LB Flanges, Add	*1,194.45*	
23 21 23 16-0020	EA	150 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 7.5 HP	5,591.88	301.76
		For 300 LB Flanges, Add	*1,255.36*	
23 21 23 16-0021	EA	200 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP	6,066.74	396.45
		For 300 LB Flanges, Add	*1,338.42*	
23 21 23 16-0022	EA	225 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP	6,066.74	396.45
		For 300 LB Flanges, Add	*1,338.42*	
23 21 23 16-0023	EA	250 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP	6,066.74	396.45
		For 300 LB Flanges, Add	*1,338.42*	
23 21 23 16-0024	EA	300 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 15 HP	7,391.90	487.72
		For 300 LB Flanges, Add	*1,628.58*	
23 21 23 16-0025	EA	350 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 15 HP	7,525.85	487.35
		For 300 LB Flanges, Add	*1,653.22*	
23 21 23 16-0026	EA	500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 20 HP	7,922.70	528.61
		For 300 LB Flanges, Add	*1,742.99*	
23 21 23 16-0027	EA	600 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 25 HP	8,679.05	554.28
		For 300 LB Flanges, Add	*1,913.09*	
23 21 23 16-0028	EA	750 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 30 HP	9,710.34	704.49
		For 300 LB Flanges, Add	*2,110.68*	
23 21 23 16-0029	EA	1050 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 40 HP	11,004.89	791.96
		For 300 LB Flanges, Add	*2,394.70*	
23 21 23 16-0030	EA	1500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 60 HP	16,320.17	1,742.06
		For 300 LB Flanges, Add	*3,240.27*	
23 21 23 16-0031	EA	2000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 75 HP	19,443.55	2,090.09
		For 300 LB Flanges, Add	*3,853.16*	
23 21 23 16-0032	EA	3000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 100 HP	23,184.00	2,612.62
		For 300 LB Flanges, Add	*4,536.35*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0033			**Single Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump** *(23 21 23 16)* Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.		
23 21 23 16-0034		EA	40 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 1-1/2" HP	4,485.03	221.52
			For 300 LB Flanges, Add	*1,021.39*	
23 21 23 16-0035		EA	50 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 2 HP	4,610.06	237.68
			For 300 LB Flanges, Add	*1,045.55*	
23 21 23 16-0036		EA	90 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 3 HP	4,735.23	253.84
			For 300 LB Flanges, Add	*1,069.72*	
23 21 23 16-0037		EA	100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 5 HP	5,134.22	259.55
			For 300 LB Flanges, Add	*1,166.66*	
23 21 23 16-0038		EA	100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 7.5 HP	8,302.70	301.38
			For 300 LB Flanges, Add	*1,939.86*	
23 21 23 16-0039		EA	250 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 10 HP	11,045.98	396.45
			For 300 LB Flanges, Add	*2,607.36*	
23 21 23 16-0040		EA	350 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 15 HP	11,300.82	427.82
			For 300 LB Flanges, Add	*2,646.94*	
23 21 23 16-0041		EA	500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 20 HP	11,992.17	475.36
			For 300 LB Flanges, Add	*2,778.64*	
23 21 23 16-0042		EA	750 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 25 HP	13,243.98	451.35
			For 300 LB Flanges, Add	*3,108.08*	
23 21 23 16-0043		EA	1000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 40 HP	14,873.58	580.05
			For 300 LB Flanges, Add	*3,457.50*	
23 21 23 16-0044		EA	1500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 50 HP	18,833.09	697.01
			For 300 LB Flanges, Add	*4,372.36*	
23 21 23 16-0045		EA	2000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 75 HP	21,261.66	870.56
			For 300 LB Flanges, Add	*4,895.53*	
23 21 23 16-0046		EA	3000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 100 HP	30,204.23	1,045.05
			For 300 LB Flanges, Add	*7,047.20*	
23 21 23 16-0047		EA	3500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 150 HP	57,128.19	1,160.75
			For 300 LB Flanges, Add	*13,722.20*	
23 21 23 16-0048		EA	4000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 200 HP	60,832.06	1,492.93
			For 300 LB Flanges, Add	*14,488.21*	
23 21 23 16-0049			**Two Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump** *(23 21 23 16)* Note: 3500 RPM drip-proof motor, common base plate 500' head. Packed stuffing box and boiler feed water service.		
23 21 23 16-0050		EA	100 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 40 HP	15,803.25	487.72
			For 300 LB Flanges, Add	*3,731.41*	
23 21 23 16-0051		EA	200 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 50 HP	17,119.16	528.61
			For 300 LB Flanges, Add	*4,042.11*	
23 21 23 16-0052		EA	300 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 75 HP	20,543.93	672.50
			For 300 LB Flanges, Add	*4,828.05*	
23 21 23 16-0053		EA	400 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 100 HP	40,266.89	924.06
			For 300 LB Flanges, Add	*9,643.32*	
23 21 23 16-0054		EA	800 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 200 HP	49,369.69	1,232.08
			For 300 LB Flanges, Add	*11,777.88*	
23 21 23 16-0055			**Cast Iron Close Coupling Pumps** *(23 21 23 16)*		
23 21 23 16-0056			**Foot Mounted Cast Iron Close Coupled Pumps** *(23 21 23 16-0055)*		
23 21 23 16-0057		EA	3 HP, 90 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 1-1/2 AC, BF, 182JM)	2,908.13	285.22
23 21 23 16-0058		EA	3 HP, 150 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 AB, BF, 182JM)	3,127.73	285.22
23 21 23 16-0059		EA	5 HP, 225 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 BB, BF, 184JM)	3,454.01	301.07
23 21 23 16-0060		EA	5 HP, 350 GPM At 25' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 184JM)	3,648.27	301.07
23 21 23 16-0061		EA	7.5 HP, 350 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 213JM)	4,149.49	316.59
23 21 23 16-0062		EA	10 HP, 600 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 5 A, BF, 215JM)	4,869.82	362.35
23 21 23 16-0063		EA	15 HP, 1000 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 254JP)	6,351.57	446.39
23 21 23 16-0064		EA	20 HP, 1350 GPM At 30' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 256JP)	6,806.86	483.14
23 21 23 16-0065		EA	25 HP, 1550 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 284JP)	7,830.16	521.78
23 21 23 16-0066			**Pumps, Polypropylene Body, Housing And Impeller, 115/230 V** *(23 21 23 16)*		
23 21 23 16-0067		EA	1/3 HP, Centrifugal Pump, Polypropylene Body	1,842.47	147.38
23 21 23 16-0068		EA	1/2 HP, Centrifugal Pump, Polypropylene Body	1,966.62	156.27
23 21 23 16-0069		EA	3/4 HP, Centrifugal Pump, Polypropylene Body	2,311.93	166.39
23 21 23 23			**Vertical-Turbine Hydronic Pumps** *(23 21 23)*		
23 21 23 23-0001			**Cast Iron, Bronze Fitted Vertical Turbine Wet Sump Pumps** *(23 21 23 23)* Note: For water supply, cooling towers and process liquids. Multi-stage 1750 RPM drip-proof motor. For 1' to 5' sump depth.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 23-0002	EA	50 GPM Cast Iron Turbine Pump, 3" Discharge 100' Head, 10 Stage, 2 HP	8,424.31	704.49
		For Each Extra Column Assembly <60", Add	*716.20*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*294.72*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*210.47*	
23 21 23 23-0003	EA	100 GPM Cast Iron Turbine Pump, 4" Discharge 100' Head, 7 Stage, 3 HP	8,802.01	791.96
		For Each Extra Column Assembly <60", Add	*746.76*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*309.49*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*221.46*	
23 21 23 23-0004	EA	250 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 5 Stage, 15 HP	10,433.87	697.01
		For Each Extra Column Assembly <60", Add	*884.70*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*367.37*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*263.03*	
23 21 23 23-0005	EA	500 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 3 Stage, 25 HP	11,239.78	804.31
		For Each Extra Column Assembly <60", Add	*950.86*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*397.91*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*285.52*	
23 21 23 23-0006	EA	1000 GPM Cast Iron Turbine Pump, 8" Discharge 150' Head, 2 Stage, 50 HP	13,709.25	870.56
		For Each Extra Column Assembly <60", Add	*1,152.72*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*492.39*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*355.29*	
23 21 23 23-0007	EA	2000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 3 Stage, 100 HP	21,552.45	1,045.05
		For Each Extra Column Assembly <60", Add	*1,791.38*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*794.92*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*579.39*	
23 21 23 23-0008	EA	3000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 2 Stage, 150 HP	25,830.36	1,306.31
		For Each Extra Column Assembly <60", Add	*2,150.41*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*949.24*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*690.93*	
23 21 23 23-0009	EA	4000 GPM Cast Iron Turbine Pump, 12" Discharge 150' Head, 2 Stage, 200 HP	40,998.96	1,492.93
		For Each Extra Column Assembly <60", Add	*3,375.89*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*1,543.98*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*1,134.00*	
23 21 23 23-0010	EA	6000 GPM Cast Iron Turbine Pump, 14" Discharge 150' Head, 2 Stage, 300 HP	53,626.14	1,742.06
		For Each Extra Column Assembly <60", Add	*4,402.06*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*2,033.08*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*1,496.81*	
23 21 23 23-0011	EA	10000 GPM Cast Iron Turbine Pump, 18" Discharge 100' Head, 2 Stage, 300 HP	74,857.83	2,090.09
		For Each Extra Column Assembly <60", Add	*6,122.99*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*2,859.95*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*2,111.37*	

23 21 29 Automatic Condensate Pump Units *(23 21)*

23 21 29 00-0001 Automatic Shallow Pan Condensate Pump *(23 21 29)*

23 21 29 00-0002	EA	1/150 HP, 205 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 1-ABS)	160.91	30.90
23 21 29 00-0003	EA	1/40 HP, 300 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 2-ABS)	173.31	30.90
23 21 29 00-0004	EA	1/12 HP, 310 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 3-ABS)	264.40	35.65

23 21 29 00-0005 Automatic Condensate Pump With Tank *(23 21 29)*

23 21 29 00-0006	EA	1/20 HP Automatic Condensate Pump With Tank (Hartell KT-15-1UL)	91.43	23.77
23 21 29 00-0007	EA	1/30 HP Automatic Condensate Pump With Tank (Little Giant VCMX-20)	96.73	23.77
23 21 29 00-0008	EA	1/50 HP, 200 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-14ULS)	156.85	30.90
23 21 29 00-0009	EA	1/18 HP. 270 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-24ULS)	170.42	35.65
23 21 29 00-0010	EA	1/5 HP, 450 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-45ULS) Condensate Pump	302.75	40.41

23 22 Steam And Condensate Piping And Pumps *(23 20)*

23 22 13 Steam and Condensate Heating Piping *(23 22)*

23 22 13 00-0001 Ric-Wil System Pipe And Casing *(23 22 13)*

Note: Larger pipe size is usually for the condensate return. Perma, Ric-Wil or Thermacol.

23 22 13 00-0002 Steam Pipe *(23 22 13 00-0001)*

Note: Includes condensate return.

23 22 13 00-0003	LF	1-1/4" And 1-1/2" Ric-Wil Pipe, 10" Case Steam Pipe With Condensate Return	65.42	10.36
23 22 13 00-0004	LF	1-1/4" And 2" Ric-Wil Pipe, 10" Case Steam Pipe With Condensate Return	69.35	11.84
23 22 13 00-0005	LF	1-1/2" And 3" Ric-Wil Pipe, 10" Case Steam Pipe With Condensate Return	79.86	13.32
23 22 13 00-0006	LF	3" And 6" Ric-Wil Pipe, 15" Case Steam Pipe With Condensate Return	122.10	20.73
23 22 13 00-0007	LF	4" And 8" Ric-Wil Pipe, 16-1/2" Case Steam Pipe With Condensate Return	159.55	28.13

23 22 13 00-0008 Steam Or Condensate Pipe *(23 22 13 00-0001)*

Note: Excludes return.

23 22 13 00-0009	LF	2" Steam Or Condensate Pipe, 6" Case With No Return Line	51.54	6.66
23 22 13 00-0010	LF	2" Steam Or Condensate Pipe, 8" Case With No Return Line	54.82	7.41
23 22 13 00-0011	LF	3" Steam Or Condensate Pipe, 8" Case With No Return Line	64.25	8.88
23 22 13 00-0012	LF	4" Steam Or Condensate Pipe, 10" Case With No Return Line	83.26	13.32
23 22 13 00-0013	LF	6" Steam Or Condensate Pipe, 11-1/2" Case With No Return Line	113.13	19.99

23 22 16 Steam And Condensate Heating Piping Specialties *(23 22)*

23 22 16 00-0001 Steam Temperature Regulator, Iron Body *(23 22 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0002		Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0001)*		
		Note: Up to 150 PSI.		
23 22 16 00-0003	EA	1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	444.58	11.42
23 22 16 00-0004	EA	3/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	471.65	15.39
23 22 16 00-0005	EA	1" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	624.26	18.95
23 22 16 00-0006	EA	1-1/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	692.70	23.95
23 22 16 00-0007	EA	1-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	714.34	27.52
23 22 16 00-0008	EA	2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	841.10	29.93
23 22 16 00-0009	EA	2-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,090.52	54.82
23 22 16 00-0010	EA	3" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,448.84	59.78
23 22 16 00-0011	EA	4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,181.93	139.94
23 22 16 00-0012	EA	6" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,552.09	164.24
23 22 16 00-0013		Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0001)*		
23 22 16 00-0014	EA	1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	652.63	11.42
23 22 16 00-0015	EA	3/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	680.03	15.39
23 22 16 00-0016	EA	1" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	713.73	18.95
23 22 16 00-0017	EA	1-1/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	855.71	23.95
23 22 16 00-0018	EA	1-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	919.04	27.52
23 22 16 00-0019	EA	2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,042.11	29.93
23 22 16 00-0020	EA	2-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,607.77	54.82
23 22 16 00-0021	EA	3" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,979.81	59.78
23 22 16 00-0022	EA	4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,804.39	139.94
23 22 16 00-0023	EA	6" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,460.32	164.24
23 22 16 00-0024		Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0001)*		
23 22 16 00-0025	EA	1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	884.60	11.42
23 22 16 00-0026	EA	3/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	901.88	15.39
23 22 16 00-0027	EA	1" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	989.52	18.95
23 22 16 00-0028	EA	1-1/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,081.25	23.95
23 22 16 00-0029	EA	1-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,123.74	27.52
23 22 16 00-0030	EA	2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,266.42	29.93
23 22 16 00-0031	EA	2-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,343.20	54.82
23 22 16 00-0032	EA	3" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,775.56	59.78
23 22 16 00-0033	EA	4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,583.52	139.94
23 22 16 00-0034	EA	6" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,989.90	164.24
23 22 16 00-0035		Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0001)*		
23 22 16 00-0036	EA	1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,129.75	11.42
23 22 16 00-0037	EA	3/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,145.80	15.39
23 22 16 00-0038	EA	1" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,246.92	18.95
23 22 16 00-0039	EA	1-1/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,304.32	23.95
23 22 16 00-0040	EA	1-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,357.85	27.52
23 22 16 00-0041	EA	2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,478.47	29.93
23 22 16 00-0042	EA	2-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,465.77	54.82
23 22 16 00-0043	EA	3" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,914.20	59.78
23 22 16 00-0044	EA	4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,722.15	139.94
23 22 16 00-0045	EA	6" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	5,128.53	164.24
23 22 16 00-0046		High Temperature Safety Relief Valve *(23 22 16)*		
		Note: Used in steam or water boiler, heating systems and unfired pressure vessel applications.		
23 22 16 00-0047		Cast Iron Body Safety Valve, Steam Or Water *(23 22 16 00-0046)*		
		Note: Variable set points to 500 psig pressure, 400 Degree F temperature range.		
23 22 16 00-0048		Threaded *(23 22 16 00-0047)*		
23 22 16 00-0049	EA	3/4" x 1" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	185.66	11.89
23 22 16 00-0050	EA	1" x 1-1/4" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	197.76	14.08
23 22 16 00-0051	EA	1-1/4" x 1-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	223.04	17.84
23 22 16 00-0052	EA	1-1/2" x 2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	270.49	19.83
23 22 16 00-0053	EA	2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	344.18	24.38
23 22 16 00-0054	EA	2-1/2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	512.69	27.75
23 22 16 00-0055	EA	3" x 3" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	559.08	31.92
23 22 16 00-0056		Flanged *(23 22 16 00-0047)*		
23 22 16 00-0057	EA	1-1/2" x 2-1/2" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	1,160.40	19.83
23 22 16 00-0058	EA	2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	1,337.29	23.78
23 22 16 00-0059	EA	2-1/2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	1,546.50	40.15
23 22 16 00-0060	EA	2-1/2" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	1,842.88	43.79
23 22 16 00-0061	EA	3" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	2,001.24	47.45
23 22 16 00-0062	EA	3" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	2,335.23	54.75
23 22 16 00-0063	EA	4" x 6" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	3,917.12	87.67
23 22 16 00-0064	EA	6" x 8" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	7,580.95	91.25

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0065		**Bronze Body Safety Valve, Threaded, Steam** *(23 22 16 00-0046)* Note: Variable set points to 250 psig pressure, 400 Degree F temperature range. Valve also can be set for Air or Gas with variable set points to 300 psig pressure.		
23 22 16 00-0066	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Steam	197.72	10.91
23 22 16 00-0067	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Steam	204.06	11.89
23 22 16 00-0068	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Steam	237.08	13.08
23 22 16 00-0069	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	261.03	14.08
23 22 16 00-0070	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	301.12	15.86
23 22 16 00-0071	EA	1-1/4" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	306.61	17.84
23 22 16 00-0072	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	342.28	18.83
23 22 16 00-0073	EA	1-1/2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	371.55	19.83
23 22 16 00-0074	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	504.72	22.20
23 22 16 00-0075	EA	2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	551.85	24.38
23 22 16 00-0076	EA	2-1/2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	655.67	27.75
23 22 16 00-0077		**Bronze Body Safety Valve, Threaded, Water** *(23 22 16 00-0046)* Note: Variable set points to 160 psig pressure, 250 Degree F temperature range.		
23 22 16 00-0078	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Water	105.12	10.91
23 22 16 00-0079	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Water	118.68	11.89
23 22 16 00-0080	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Water	157.31	13.08
23 22 16 00-0081	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	172.52	14.08
23 22 16 00-0082	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	240.16	15.86
23 22 16 00-0083	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Water	318.61	18.83
23 22 16 00-0084	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Water	453.74	22.20
23 22 16 00-0085		**Steam Traps** *(23 22 16)*		
23 22 16 00-0086		**Inverted Bucket Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0087	EA	1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	211.66	30.98
		For Work In Restricted Working Space, Add	*18.59*	
23 22 16 00-0088	EA	3/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	214.24	32.27
		For Work In Restricted Working Space, Add	*19.37*	
23 22 16 00-0089	EA	1" 250 PSI Inverted Bucket Cast Iron Steam Trap	309.82	34.39
		For Work In Restricted Working Space, Add	*20.66*	
23 22 16 00-0090	EA	1-1/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	495.49	46.94
		For Work In Restricted Working Space, Add	*28.17*	
23 22 16 00-0091	EA	1-1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	729.57	57.84
		For Work In Restricted Working Space, Add	*34.43*	
23 22 16 00-0092	EA	2" 250 PSI Inverted Bucket Cast Iron Steam Trap	939.28	86.06
		For Work In Restricted Working Space, Add	*51.64*	
23 22 16 00-0093		**Float And Thermostatic Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0094	EA	3/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	223.42	32.27
		For Work In Restricted Working Space, Add	*19.37*	
23 22 16 00-0095	EA	1" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	289.12	34.42
		For Work In Restricted Working Space, Add	*20.66*	
23 22 16 00-0096	EA	1-1/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	360.40	46.94
		For Work In Restricted Working Space, Add	*28.17*	
23 22 16 00-0097	EA	1-1/2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	483.50	57.37
		For Work In Restricted Working Space, Add	*34.43*	
23 22 16 00-0098	EA	2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	871.88	86.03
		For Work In Restricted Working Space, Add	*51.64*	
23 22 16 00-0099	EA	3/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	278.73	32.27
		For Work In Restricted Working Space, Add	*19.37*	
23 22 16 00-0100	EA	1" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	302.51	34.39
		For Work In Restricted Working Space, Add	*20.66*	
23 22 16 00-0101	EA	1-1/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	396.91	46.94
		For Work In Restricted Working Space, Add	*28.17*	
23 22 16 00-0102	EA	1-1/2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	563.81	57.32
		For Work In Restricted Working Space, Add	*34.43*	
23 22 16 00-0103	EA	2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	953.42	86.06
		For Work In Restricted Working Space, Add	*51.64*	
23 22 16 00-0104	EA	3/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	355.40	32.27
		For Work In Restricted Working Space, Add	*19.37*	
23 22 16 00-0105	EA	1" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	395.00	34.42
		For Work In Restricted Working Space, Add	*20.66*	
23 22 16 00-0106	EA	1-1/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	597.71	46.94
		For Work In Restricted Working Space, Add	*28.17*	
23 22 16 00-0107	EA	1-1/2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	618.58	57.32
		For Work In Restricted Working Space, Add	*34.43*	
23 22 16 00-0108	EA	2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,183.42	86.06
		For Work In Restricted Working Space, Add	*51.64*	
23 22 16 00-0109	EA	3/4" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	360.27	32.27
		For Work In Restricted Working Space, Add	*19.37*	
23 22 16 00-0110	EA	1" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	395.00	34.42
		For Work In Restricted Working Space, Add	*20.66*	
23 22 16 00-0111	EA	1-1/4" 150 PSI Max Pressure Float And Thermostatic Steam Trap	597.71	46.94
		For Work In Restricted Working Space, Add	*28.17*	
23 22 16 00-0112	EA	1-1/2" 150 PSI Max Pressure Float And Thermostatic Steam Trap	618.58	57.32
		For Work In Restricted Working Space, Add	*34.43*	
23 22 16 00-0113	EA	2" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,183.42	86.06
		For Work In Restricted Working Space, Add	*51.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0114		**Thermostatic Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0115	EA	1/2" 25 PSI Maximum Pressure Thermostatic Steam Trap	118.43	30.98
		For Work In Restricted Working Space, Add	*18.59*	
23 22 16 00-0116	EA	3/4" 25 PSI Maximum Pressure Thermostatic Steam Trap	185.02	32.27
		For Work In Restricted Working Space, Add	*19.37*	
23 22 16 00-0117	EA	1" 25 PSI Maximum Pressure Thermostatic Steam Trap	224.90	34.39
		For Work In Restricted Working Space, Add	*20.66*	
23 22 16 00-0118		**Thermodynamic Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0119	EA	3/8" 600 PSI Maximum Pressure Thermodynamic Steam Trap	235.83	27.89
23 22 16 00-0120	EA	1/2" 600 PSI Maximum Pressure Thermodynamic Steam Trap	327.27	30.98
23 22 16 00-0121	EA	3/4" 600 PSI Maximum Pressure Thermodynamic Steam Trap	401.64	32.27
23 22 16 00-0122	EA	1" 600 PSI Maximum Pressure Thermodynamic Steam Trap	532.51	34.39
23 22 16 00-0123		**Steam Moisture Separator** *(23 22 16 00-0085)*		
23 22 16 00-0124	EA	1" Steam Moisture Separator, Threaded	377.28	78.49
23 22 16 00-0125	EA	1-1/2" Steam Moisture Separator, Threaded	453.97	89.86
23 22 16 00-0126	EA	2" Steam Moisture Separator, Flanged	699.20	137.72
23 22 16 00-0127	EA	2-1/2" Steam Moisture Separator, Flanged	889.87	165.25
23 22 16 00-0128	EA	3" Steam Moisture Separator, Flanged	1,170.81	206.56
23 22 16 00-0129	EA	4" Steam Moisture Separator, Flanged	1,795.09	275.25
23 22 16 00-0130	EA	6" Steam Moisture Separator, Flanged	3,476.44	364.58
23 22 16 00-0131		**Steam/Condensate Meter** *(23 22 16)*		
		Note: Meter shall be of the rotary volumetric type and sized on the maximum estimated steam demand.		
23 22 16 00-0132	EA	1" Steam/Condensate Meter	3,253.65	43.79
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0133	EA	2" Steam/Condensate Meter	3,671.71	51.46
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0134	EA	2-1/2" Steam/Condensate Meter	3,897.92	63.87
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0135	EA	3" Steam/Condensate Meter	4,139.44	83.94
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0136	EA	4" Steam/Condensate Meter	4,616.86	98.91
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0137	EA	6" Steam/Condensate Meter	8,882.43	609.51
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0138	EA	8" Steam/Condensate Meter	9,168.38	646.23
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0139	EA	10" Steam/Condensate Meter	9,528.79	675.36
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0140	EA	12" Steam/Condensate Meter	9,940.51	719.01
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0141	EA	14" Steam/Condensate Meter	10,557.11	781.20
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0142	EA	16" Steam/Condensate Meter	10,895.08	810.33
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	

23 22 23 Steam Condensate Pumps *(23 22)*

23 22 23 13 Electric-Driven Steam Condensate Pumps *(23 22 23)*

23 22 23 13-0001 Simplex Condensate Pumps And Motors *(23 22 23 13)*
Note: Cast iron receiver, float switch.

23 22 23 13-0002 20 PSI Discharge Pressure *(23 22 23 13-0001)*

23 22 23 13-0003	EA	3 To 6 GPM Simplex Condensate Pump And 1/3 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	1,721.96	483.93
23 22 23 13-0004	EA	9 To 12 GPM Simplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,185.92	497.23
23 22 23 13-0005	EA	15 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,288.31	530.51
23 22 23 13-0006	EA	22.5 GPM Simplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,509.87	536.22
23 22 23 13-0007	EA	30 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,801.18	583.75
23 22 23 13-0008	EA	37.5 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,060.18	583.75
23 22 23 13-0009	EA	45 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,133.98	623.68
23 22 23 13-0010	EA	60 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,019.76	652.20
23 22 23 13-0011	EA	75 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,075.54	680.72

23 22 23 13-0012 30 PSI Discharge Pressure *(23 22 23 13-0001)*

23 22 23 13-0013	EA	3 To 6 GPM Simplex Condensate Pump And 1/2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	1,968.35	517.20
23 22 23 13-0014	EA	9 To 12 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,534.31	530.51
23 22 23 13-0015	EA	15 GPM Simplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,634.61	565.69
23 22 23 13-0016	EA	22.5 GPM Simplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,037.96	611.31
23 22 23 13-0017	EA	30 To 37.5 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,133.98	624.63
23 22 23 13-0018	EA	45 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,249.25	646.50
23 22 23 13-0019	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,381.54	680.72
23 22 23 13-0020	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,069.10	724.45

23 22 23 13-0021 40 PSI Discharge Pressure *(23 22 23 13-0001)*

23 22 23 13-0022	EA	3 To 6 GPM Simplex Condensate Pump And 1 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	2,197.44	593.25
23 22 23 13-0023	EA	9 To 15 GPM Simplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	2,748.41	640.79
23 22 23 13-0024	EA	22.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,203.23	633.19
23 22 23 13-0025	EA	30 To 37.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,229.25	646.50
23 22 23 13-0026	EA	45 GPM Simplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,322.03	674.07
23 22 23 13-0027	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,075.54	680.72
23 22 23 13-0028	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,154.10	724.45

23 22 23 13-0029 50 PSI Discharge Pressure *(23 22 23 13-0001)*

23 22 23 13-0030	EA	3 To 6 GPM Simplex Condensate Pump And 2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,039.50	642.70
23 22 23 13-0031	EA	9 To 15 GPM Simplex Condensate Pump And 2 HP Motor With 13.6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	2,966.46	656.01
23 22 23 13-0032	EA	22.5 GPM Simplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,389.02	660.76
23 22 23 13-0033	EA	30 To 45 GPM Simplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,399.58	718.75
23 22 23 13-0034	EA	60 To 75 GPM Simplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	6,864.15	774.84

23 22 23 13-0035 Duplex Condensate Pumps And Motors *(23 22 23 13)*
Note: Cast iron receiver, float switch, alternator assembly.

23 22 23 13-0036 20 PSI Discharge Pressure *(23 22 23 13-0035)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13-0037	EA	9 To 12 GPM Duplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,809.00	649.35
23 22 23 13-0038	EA	15 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,982.03	713.05
23 22 23 13-0039	EA	22.5 GPM Duplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,245.58	718.75
23 22 23 13-0040	EA	30 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,622.51	783.40
23 22 23 13-0041	EA	37.5 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,981.51	783.40
23 22 23 13-0042	EA	45 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,086.73	844.25
23 22 23 13-0043	EA	60 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,999.78	881.32
23 22 23 13-0044	EA	75 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	6,153.32	925.06
23 22 23 13-0045		**30 PSI Discharge Pressure** *(23 22 23 13-0035)*		
23 22 23 13-0046	EA	9 To 12 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,609.06	699.73
23 22 23 13-0047	EA	15 GPM Duplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,785.94	764.39
23 22 23 13-0048	EA	22.5 GPM Duplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,186.71	745.37
23 22 23 13-0049	EA	30 To 37.5 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,086.73	844.25
23 22 23 13-0050	EA	45 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,233.27	875.62
23 22 23 13-0051	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,953.32	925.06
23 22 23 13-0052	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,253.15	991.61
23 22 23 13-0053		**40 PSI Discharge Pressure** *(23 22 23 13-0035)*		
23 22 23 13-0054	EA	9 To 15 GPM Duplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,931.15	825.23
23 22 23 13-0055	EA	22.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,331.25	862.31
23 22 23 13-0056	EA	30 To 37.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,245.27	875.62
23 22 23 13-0057	EA	45 GPM Duplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,399.82	919.36
23 22 23 13-0058	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,154.32	925.06
23 22 23 13-0059	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,277.15	991.61
23 22 23 13-0060		**50 PSI Discharge Pressure** *(23 22 23 13-0035)*		
23 22 23 13-0061	EA	9 To 15 GPM Duplex Condensate Pump And 2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,097.15	825.23
23 22 23 13-0062	EA	22.5 GPM Duplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,425.81	907.00
23 22 23 13-0063	EA	30 To 45 GPM Duplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	5,523.64	984.96
23 22 23 13-0064	EA	60 To 75 GPM Duplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	9,462.24	1,066.72
23 22 23 13-0065		**Steam Condensate Pumps And Motors; ITT Bell & Gossett Series WC** *(23 22 23 13)*		
		Note: Cast iron receiver, float switch		
23 22 23 13-0066	EA	9 GPM Steam Condensate Pump With 6 Gallon Cast Iron Receiver, Float Switch, 22 PSI Discharge Pressure; ITT WC6-20B	1,708.96	483.93
23 22 23 13-0067	EA	12 GPM Steam Condensate Pump With 9 Gallon Cast Iron Receiver, Float Switch, 21 PSI Discharge Pressure; ITT WC8-20B	1,772.92	497.23
23 22 23 13-0068	EA	18 GPM Steam Condensate Pump With 14 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure; ITT WC12-20B	2,109.31	530.51
23 22 23 33		**Steam Positive Displacement Pump** *(23 22 23)*		
		Note: Float operated		
23 22 23 33-0001	EA	Steam Positive Displacement Pump Receiver, Float Operated, Kadant LMHT-500	2,744.56	483.93
23 22 23 33-0002	EA	Steam Positive Displacement Pump Receiver, Float Operated, Kadant LMHT-1600	4,947.92	497.23

23 23 Refrigerant Piping *(23 20)*

23 23 13 Refrigerant Piping Valves *(23 23)*

23 23 13 00-0001 Ball Valves *(23 23 13)*

23 23 13 00-0002 Refrigeration Ball Valves, Sweat, 1400 Series *(23 23 13 00-0001)*

23 23 13 00-0003	EA	3/8" Refrigeration Ball Valve, Sweated	28.43	7.92
23 23 13 00-0004	EA	1/2" Refrigeration Ball Valve, Sweated	29.70	7.92
23 23 13 00-0005	EA	5/8" Refrigeration Ball Valve, Sweated	35.72	7.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 13 00-0006	EA	7/8" Refrigeration Ball Valve, Sweated	47.94	8.72
23 23 13 00-0007	EA	1-1/8" Refrigeration Ball Valve, Sweated	64.06	9.91
23 23 13 00-0008	EA	1-5/8" Refrigeration Ball Valve, Sweated	101.03	12.21
23 23 13 00-0009		Shut-Off Valves *(23 23 13)*		
23 23 13 00-0010		Packless *(23 23 13 00-0009)*		
23 23 13 00-0011	EA	1/2" Refrigeration Valve, Packless	35.39	10.74
23 23 13 00-0012	EA	5/8" Refrigeration Valve, Packless	42.21	11.78
23 23 13 00-0013	EA	7/8" Refrigeration Valve, Packless	77.12	16.11
23 23 13 00-0014		Packed *(23 23 13 00-0009)*		
23 23 13 00-0015	EA	1-1/8" Refrigeration Valve, Packed	130.84	23.44
23 23 13 00-0016	EA	1 3/8" Refrigeration Valve, Packed	171.72	28.71
23 23 13 00-0017	EA	1-5/8" Refrigeration Valve, Packed	206.01	32.33
23 23 13 00-0018	EA	2-1/8" Refrigeration Valve, Packed	283.38	36.87
23 23 13 00-0019	EA	2-5/8" Refrigeration Valve, Packed	520.21	103.28
23 23 13 00-0020	EA	3-1/8" Refrigeration Valve, Packed	674.99	129.11
23 23 13 00-0021	EA	4-1/8" Refrigeration Valve, Packed	946.24	172.17
23 23 13 00-0022		Check Valves *(23 23 13)*		
23 23 13 00-0023	EA	5/8" Check Valve, Refrigeration	48.37	10.33
23 23 13 00-0024	EA	7/8" Check Valve, Refrigeration	116.87	11.36
23 23 13 00-0025	EA	1-1/8" Check Valve, Refrigeration	136.91	12.91
23 23 13 00-0026	EA	1 3/8" Check Valve, Refrigeration	181.79	13.74
23 23 13 00-0027	EA	1-5/8" Check Valve, Refrigeration	232.67	15.91
23 23 13 00-0028	EA	2-1/8" Check Valve, Refrigeration	330.79	18.80
23 23 13 00-0029	EA	2-5/8" Check Valve, Refrigeration	464.68	27.58
23 23 13 00-0030	EA	3-1/8" Check Valve, Refrigeration	601.25	36.15
23 23 13 00-0031		Solenoid Valves *(23 23 13)*		
23 23 13 00-0032		Solenoid Valve, 24 Volt Coil *(23 23 13 00-0031)*		
23 23 13 00-0033	EA	1/2" Solenoid Valve, Refrigeration	91.56	10.33
23 23 13 00-0034	EA	5/8" Solenoid Valve, Refrigeration	93.25	10.33
23 23 13 00-0035	EA	3/4" Solenoid Valve, Refrigeration	117.64	11.36
23 23 13 00-0036	EA	7/8" Solenoid Valve, Refrigeration	117.64	11.36
23 23 13 00-0037	EA	1-1/8" Solenoid Valve, Refrigeration	159.32	12.91
23 23 13 00-0038	EA	1 3/8" Solenoid Valve, Refrigeration	244.07	13.74
23 23 13 00-0039	EA	1-5/8" Solenoid Valve, Refrigeration	419.28	15.91
23 23 13 00-0040	EA	2-1/8" Solenoid Valve, Refrigeration	433.72	18.80

23 23 16 Refrigerant Piping Specialties *(23 23)*

23 23 16 00-0001		Refrigeration Tubing Copper (Soft) Dehydrated And Sealed *(23 23 16)* Note: Based on outside diameter.		
23 23 16 00-0002	LF	1/8" Refrigeration Tubing Copper (Soft) Dehydrated	4.69	2.79
23 23 16 00-0003	LF	3/16" Refrigeration Tubing Copper (Soft) Dehydrated	4.75	2.79
23 23 16 00-0004	LF	1/4" Refrigeration Tubing Copper (Soft) Dehydrated	4.86	2.79
23 23 16 00-0005	LF	5/16" Refrigeration Tubing Copper (Soft) Dehydrated	5.16	2.79
23 23 16 00-0006	LF	3/8" Refrigeration Tubing Copper (Soft) Dehydrated	5.37	2.90
23 23 16 00-0007	LF	1/2" Refrigeration Tubing Copper (Soft) Dehydrated	6.03	3.10
23 23 16 00-0008	LF	5/8" Refrigeration Tubing Copper (Soft) Dehydrated	6.51	3.10
23 23 16 00-0009	LF	3/4" Refrigeration Tubing Copper (Soft) Dehydrated	7.54	3.61
23 23 16 00-0010	LF	7/8" Refrigeration Tubing Copper (Soft) Dehydrated	9.00	3.82
23 23 16 00-0011	LF	1-1/8" Refrigeration Tubing Copper (Soft) Dehydrated	11.67	4.65
23 23 16 00-0012	LF	1-3/8" Refrigeration Tubing Copper (Soft) Dehydrated	15.02	5.37
23 23 16 00-0013	LF	1-5/8" Refrigeration Tubing Copper (Soft) Dehydrated	17.54	5.78
23 23 16 00-0014		Type ACR Copper Tubing, Hard Copper *(23 23 16)*		
23 23 16 00-0015		Brass Flare Fittings *(23 23 16 00-0014)*		
23 23 16 00-0016		Unions *(23 23 16 00-0015)*		
23 23 16 00-0017	EA	3/8" Brass Union	12.95	8.56
23 23 16 00-0018	EA	1/2" Brass Union	13.05	8.56
23 23 16 00-0019	EA	5/8" Brass Union	13.21	8.56
23 23 16 00-0020		90 Degree Elbow Unions *(23 23 16 00-0015)*		
23 23 16 00-0021	EA	3/8" 90 Degree Brass Elbow Union	13.15	8.56
23 23 16 00-0022	EA	1/2" 90 Degree Brass Elbow Union	13.32	8.56
23 23 16 00-0023	EA	5/8" 90 Degree Brass Elbow Union	13.82	8.56
23 23 16 00-0024		Three Way Tees *(23 23 16 00-0015)*		
23 23 16 00-0025	EA	3/8" Brass Three Way Tee	21.91	14.27
23 23 16 00-0026	EA	1/2" Brass Three Way Tee	22.12	14.27
23 23 16 00-0027	EA	5/8" Brass Three Way Tee	22.48	14.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0028		Crosses *(23 23 16 00-0015)*		
23 23 16 00-0029	EA	3/8" Brass Cross	29.04	18.87
23 23 16 00-0030	EA	1/2" Brass Cross	29.47	18.87
23 23 16 00-0031	EA	5/8" Brass Cross	29.68	18.87
23 23 16 00-0032		Male Connector, Half Unions *(23 23 16 00-0015)*		
23 23 16 00-0033	EA	3/8" Brass Male Connector, 1/2 Union	12.97	8.56
23 23 16 00-0034	EA	1/2" Brass Male Connector, 1/2 Union	13.06	8.56
23 23 16 00-0035	EA	5/8" Brass Male Connector, 1/2 Union	13.21	8.56
23 23 16 00-0036		Female Connector, Half Unions *(23 23 16 00-0015)*		
23 23 16 00-0037	EA	3/8" Brass Female Connector, 1/2 Union	13.01	8.56
23 23 16 00-0038	EA	1/2" Brass Female Connector, 1/2 Union	13.20	8.56
23 23 16 00-0039	EA	5/8" Brass Female Connector, 1/2 Union	13.20	8.56
23 23 16 00-0040		Long Forged Nuts *(23 23 16 00-0015)*		
23 23 16 00-0041	EA	3/8" Brass Long Forged Nut	13.20	8.56
23 23 16 00-0042	EA	1/2" Brass Long Forged Nut	13.31	8.56
23 23 16 00-0043	EA	5/8" Brass Long Forged Nut	13.58	8.56
23 23 16 00-0044		Short Forged Nuts *(23 23 16 00-0015)*		
23 23 16 00-0045	EA	3/8" Brass Short Forged Nut	12.90	8.56
23 23 16 00-0046	EA	1/2" Brass Short Forged Nut	12.95	8.56
23 23 16 00-0047	EA	5/8" Brass Short Forged Nut	13.04	8.56
23 23 16 00-0048		Wrought Copper Solder Fittings *(23 23 16 00-0014)*		
23 23 16 00-0049		Coupling - C X C *(23 23 16 00-0048)*		
23 23 16 00-0050	EA	1/4" Coupling	13.33	8.56
23 23 16 00-0051	EA	3/8" Coupling	13.78	8.56
23 23 16 00-0052	EA	1/2" Coupling	13.54	8.56
23 23 16 00-0053		90 Degree Elbow - C X C *(23 23 16 00-0048)*		
23 23 16 00-0054	EA	1/4" 90 Degree Elbow	15.07	8.56
23 23 16 00-0055	EA	3/8" 90 Degree Elbow	14.97	8.56
23 23 16 00-0056	EA	1/2" 90 Degree Elbow	13.61	8.56
23 23 16 00-0057		45 Degree Elbow - C X C *(23 23 16 00-0048)*		
23 23 16 00-0058	EA	1/4" 45 Degree Elbow	18.34	8.56
23 23 16 00-0059	EA	3/8" 45 Degree Elbow	17.28	8.56
23 23 16 00-0060	EA	1/2" 45 Degree Elbow	14.49	8.56
23 23 16 00-0061		Tee - C X C X C *(23 23 16 00-0048)*		
23 23 16 00-0062	EA	1/4" Tee	28.27	14.27
23 23 16 00-0063	EA	3/8" Tee	26.67	14.27
23 23 16 00-0064	EA	1/2" Tee	23.58	14.27
23 23 16 00-0065		Adapter - C X M *(23 23 16 00-0048)*		
23 23 16 00-0066	EA	1/4" Adapter C x M	22.53	8.56
23 23 16 00-0067	EA	3/8" Adapter C x M	17.59	8.56
23 23 16 00-0068	EA	1/2" Adapter C x M	14.59	8.56
23 23 16 00-0069		Adapter - C X F *(23 23 16 00-0048)*		
23 23 16 00-0070	EA	1/4" Adapter C x F	19.12	8.56
23 23 16 00-0071	EA	3/8" Adapter C x F	19.23	8.56
23 23 16 00-0072	EA	1/2" Adapter C x F	15.96	8.56
23 23 16 00-0073		Cap - C *(23 23 16 00-0048)*		
23 23 16 00-0074	EA	1/4" Cap	9.42	5.71
23 23 16 00-0075	EA	3/8" Cap	9.86	5.71
23 23 16 00-0076	EA	1/2" Cap	9.18	5.71
23 23 16 00-0077		ACR Copper Tubing, Annealed *(23 23 16 00-0014)*		
23 23 16 00-0078	LF	3/8" Outside Diameter ACR Copper Tubing, Annealed	4.29	2.22
		For Medical Applications "Oxygen Clean", Add	*0.65*	
23 23 16 00-0079	LF	1/2" Outside Diameter ACR Copper Tubing, Annealed	4.72	2.22
		For Medical Applications "Oxygen Clean", Add	*0.80*	
23 23 16 00-0080	LF	5/8" Outside Diameter ACR Copper Tubing, Annealed	5.07	2.22
		For Medical Applications "Oxygen Clean", Add	*0.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0081	LF	3/4" Outside Diameter ACR Copper Tubing, Annealed	8.68	4.33
		For Medical Applications "Oxygen Clean", Add	*1.42*	
23 23 16 00-0082	LF	7/8" Outside Diameter ACR Copper Tubing, Annealed	9.60	4.65
		For Medical Applications "Oxygen Clean", Add	*1.62*	
23 23 16 00-0083	LF	1-1/8" Outside Diameter ACR Copper Tubing, Annealed	10.73	4.65
		For Medical Applications "Oxygen Clean", Add	*2.01*	
23 23 16 00-0084	LF	1-3/8" Outside Diameter ACR Copper Tubing, Annealed	13.30	5.37
		For Medical Applications "Oxygen Clean", Add	*2.62*	
23 23 16 00-0085	LF	1-5/8" Outside Diameter ACR Copper Tubing, Annealed	15.81	6.19
		For Medical Applications "Oxygen Clean", Add	*3.21*	
23 23 16 00-0086	LF	2-1/8" Outside Diameter ACR Copper Tubing, Annealed	22.08	7.74
		For Medical Applications "Oxygen Clean", Add	*4.83*	
23 23 16 00-0087	LF	2-5/8" Outside Diameter ACR Copper Tubing, Annealed	32.42	11.68
		For Medical Applications "Oxygen Clean", Add	*6.96*	
23 23 16 00-0088	LF	3-1/8" Outside Diameter ACR Copper Tubing, Annealed	42.27	14.46
		For Medical Applications "Oxygen Clean", Add	*9.37*	
23 23 16 00-0089	LF	3-5/8" Outside Diameter ACR Copper Tubing, Annealed	46.96	13.16
		For Medical Applications "Oxygen Clean", Add	*11.49*	
23 23 16 00-0090	LF	4-1/8" Outside Diameter ACR Copper Tubing, Annealed	64.72	20.66
		For Medical Applications "Oxygen Clean", Add	*14.91*	

23 23 16 00-0091 Copper Fittings *(23 23 16 00-0014)*

23 23 16 00-0092 Copper Tee, Sweat Straight, ACR *(23 23 16 00-0091)*

23 23 16 00-0093	EA	5/8" Copper Tee Sweat Straight ACR	36.94	23.44
23 23 16 00-0094	EA	3/4" Copper Tee Sweat Straight ACR	47.26	23.44
23 23 16 00-0095	EA	7/8" Copper Tee Sweat Straight ACR	40.29	23.75
23 23 16 00-0096	EA	1-1/8" Copper Tee Sweat Straight ACR	60.76	31.50
23 23 16 00-0097	EA	1 3/8" Copper Tee Sweat Straight ACR	78.78	38.21
23 23 16 00-0098	EA	1-5/8" Copper Tee Sweat Straight ACR	97.91	45.34
23 23 16 00-0099	EA	2-1/8" Copper Tee Sweat Straight ACR	137.29	60.42
23 23 16 00-0100	EA	2-5/8" Copper Tee Sweat Straight ACR	291.53	131.89
23 23 16 00-0101	EA	3-1/8" Copper Tee Sweat Straight ACR	361.62	145.01
23 23 16 00-0102	EA	4-1/8" Copper Tee Sweat Straight ACR	551.22	161.12

23 23 16 00-0103 Short Radius 90 Degree Elbow, ACR *(23 23 16 00-0091)*

23 23 16 00-0104	EA	5/8" Short Radius 90 Degree Elbow, ACR	23.78	11.68
		For Long Sweep/Radius, Add	*2.18*	
23 23 16 00-0105	EA	3/4" Short Radius 90 Degree Elbow, ACR	29.86	15.39
		For Long Sweep/Radius, Add	*2.36*	
23 23 16 00-0106	EA	7/8" Short Radius 90 Degree Elbow, ACR	32.14	15.80
		For Long Sweep/Radius, Add	*2.97*	
23 23 16 00-0107	EA	1-1/8" Short Radius 90 Degree Elbow, ACR	41.58	19.62
		For Long Sweep/Radius, Add	*4.27*	
23 23 16 00-0108	EA	1 3/8" Short Radius 90 Degree Elbow, ACR	59.82	26.85
		For Long Sweep/Radius, Add	*6.84*	
23 23 16 00-0109	EA	1-5/8" Short Radius 90 Degree Elbow, ACR	71.81	31.50
		For Long Sweep/Radius, Add	*8.59*	
23 23 16 00-0110	EA	2-1/8" Short Radius 90 Degree Elbow, ACR	100.60	38.21
		For Long Sweep/Radius, Add	*15.18*	
23 23 16 00-0111	EA	2-5/8" Short Radius 90 Degree Elbow, ACR	183.66	58.05
		For Long Sweep/Radius, Add	*33.84*	
23 23 16 00-0112	EA	3-1/8" Short Radius 90 Degree Elbow, ACR	251.43	76.33
		For Long Sweep/Radius, Add	*47.94*	
23 23 16 00-0113	EA	4-1/8" Short Radius 90 Degree Elbow, ACR	483.41	90.68
		For Long Sweep/Radius, Add	*121.63*	

23 23 16 00-0114 Couplings *(23 23 16 00-0091)*

23 23 16 00-0115	EA	5/8" Coupling Copper Sweat, ACR	18.58	11.68
23 23 16 00-0116	EA	3/4" Coupling Copper Sweat, ACR	25.92	15.39
23 23 16 00-0117	EA	7/8" Coupling Copper Sweat, ACR	25.52	15.80
23 23 16 00-0118	EA	1-1/8" Coupling Copper Sweat, ACR	33.18	19.62
23 23 16 00-0119	EA	1 3/8" Coupling Copper Sweat, ACR	46.92	26.85
23 23 16 00-0120	EA	1-5/8" Coupling Copper Sweat, ACR	56.12	31.50
23 23 16 00-0121	EA	2-1/8" Coupling Copper Sweat, ACR	70.38	38.21
23 23 16 00-0122	EA	2-5/8" Coupling Copper Sweat, ACR	110.55	58.05
23 23 16 00-0123	EA	3-1/8" Coupling Copper Sweat, ACR	157.82	76.33
23 23 16 00-0124	EA	4-1/8" Coupling Copper Sweat, ACR	220.12	90.68

23 23 16 00-0125 Sight Glass, Moisture And Liquid Indicator *(23 23 16)*

Note: Outside diameter pipe sizes. Solder connections.

23 23 16 00-0126	EA	1/4" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	42.71	14.26
23 23 16 00-0127	EA	3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	48.47	17.11
23 23 16 00-0128	EA	1/2" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	57.92	20.92
23 23 16 00-0129	EA	5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	64.46	23.77
23 23 16 00-0130	EA	7/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	82.32	30.43
23 23 16 00-0131	EA	1-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	97.23	37.08
23 23 16 00-0132	EA	1-3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	132.79	43.74
23 23 16 00-0133	EA	1-5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	170.95	59.90
23 23 16 00-0134	EA	2-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	214.38	74.15

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0135		**Filter Dryers Solder Connections** *(23 23 16)* Note: Outside diameter pipe sizes.		
23 23 16 00-0136		**Replaceable Core Type Filter Dryers** *(23 23 16 00-0135)*		
23 23 16 00-0137	EA	1/2" Outside Diameter Replaceable Core Filter Dryer With Solder Connections	170.25	8.55
23 23 16 00-0138	EA	5/8" Outside Diameter Replaceable Core Filter Dryer With Solder Connections	183.54	8.55
23 23 16 00-0139	EA	7/8" Outside Diameter Replaceable Core Filter Dryer With Solder Connections	250.19	10.45
23 23 16 00-0140	EA	1-1/8" Outside Diameter Replaceable Core Filter Dryer With Solder Connections	297.53	10.45
23 23 16 00-0141	EA	1-3/8" Outside Diameter Replaceable Core Filter Dryer With Solder Connections	343.57	11.41
23 23 16 00-0142	EA	1-5/8" Outside Diameter Replaceable Core Filter Dryer With Solder Connections	400.22	12.36
23 23 16 00-0143	EA	2-1/8" Outside Diameter Replaceable Core Filter Dryer With Solder Connections	612.85	13.31
23 23 16 00-0144	EA	2-5/8" Outside Diameter Replaceable Core Filter Dryer With Solder Connections	961.25	14.26
23 23 16 00-0145	EA	3-1/8" Outside Diameter Replaceable Core Filter Dryer With Solder Connections	1,109.54	14.26
23 23 16 00-0146		**Sealed In-Line Filter Dryers** *(23 23 16 00-0135)*		
23 23 16 00-0147	EA	1/4" Sealed In Line Filter Dryer, 3 Cl	69.80	8.55
		For Bi-Flow, Add	*12.98*	
23 23 16 00-0148	EA	3/8" Sealed In Line Filter Dryer, 5 Cl	88.97	8.55
		For Bi-Flow, Add	*16.15*	
23 23 16 00-0149	EA	1/2" Sealed In Line Filter Dryer, 9 Cl	110.87	9.51
		For Bi-Flow, Add	*19.75*	
23 23 16 00-0150	EA	1/2" Sealed In Line Filter Dryer, 16 Cl	127.35	9.51
		For Bi-Flow, Add	*27.14*	
23 23 16 00-0151	EA	5/8" Sealed In Line Filter Dryer, 16 Cl	141.11	9.51
		For Bi-Flow, Add	*27.83*	
23 23 16 00-0152	EA	5/8" Sealed In Line Filter Dryer, 30 Cl	154.19	9.51
		For Bi-Flow, Add	*44.18*	
23 23 16 00-0153	EA	7/8" Sealed In Line Filter Dryer, 30 Cl	173.75	10.45
		For Bi-Flow, Add	*47.41*	
23 23 16 00-0154	EA	7/8" Sealed In Line Filter Dryer, 41 Cl	182.49	10.45
		For Bi-Flow, Add	*58.34*	
23 23 16 00-0155	EA	1-1/8" Sealed In Line Filter Dryer, 60 Cl	214.28	10.45
		For Bi-Flow, Add	*69.78*	
23 23 16 00-0156		**P-Traps, Expansion Valves And Vibration Absorbers** *(23 23 16)*		
23 23 16 00-0157		**P-Traps, Suction Line, Solder** *(23 23 16 00-0156)* Note: Outside diameter pipe sizes.		
23 23 16 00-0158	EA	5/8" P-Trap, Suction Line, Solder Outside Diameter Pipe Sizes	44.64	9.51
23 23 16 00-0159	EA	3/4" P-Trap, Suction Line, Solder Outside Diameter Pipe Sizes	52.41	10.45
23 23 16 00-0160	EA	7/8" P-Trap, Suction Line, Solder Outside Diameter Pipe Sizes	58.71	10.45
23 23 16 00-0161	EA	1-1/8" P-Trap, Suction Line, Solder Outside Diameter Pipe Sizes	68.39	11.41
23 23 16 00-0162	EA	1-3/8" P-Trap, Suction Line, Solder Outside Diameter Pipe Sizes	111.08	11.41
23 23 16 00-0163	EA	1-5/8" P-Trap, Suction Line, Solder Outside Diameter Pipe Sizes	142.99	12.36
23 23 16 00-0164	EA	2-1/8" P-Trap, Suction Line, Solder Outside Diameter Pipe Sizes	211.99	13.31
23 23 16 00-0165		**Thermostatic Expansion Valves** *(23 23 16 00-0156)* Note: Outside diameter pipe sizes. Sporlan TP-S.		
23 23 16 00-0166	EA	1/2 - 3 Ton Thermostatic Expansion Valve, 3/8" In x 5/8" Out, (Sporlan TP-S)	142.79	8.55
23 23 16 00-0167	EA	4 - 5 Ton Thermostatic Expansion Valve, 1/2" In x 7/8" Out, (Sporlan TP-S)	186.80	9.51
23 23 16 00-0168	EA	6 - 8 Ton Thermostatic Expansion Valve, 5/8" In x 7/8" Out, (Sporlan TP-S)	226.41	9.51
23 23 16 00-0169	EA	7 - 12 Ton Thermostatic Expansion Valve, 7/8" In x 1-1/8" Out, (Sporlan TP-S)	293.52	10.45
23 23 16 00-0170	EA	15 - 20 Ton Thermostatic Expansion Valve, 7/8" In x 1-3/8" Out, (Sporlan TP-S)	341.06	10.45
23 23 16 00-0171		**Electric Expansion Valves** *(23 23 16 00-0156)* Note: Sporlan SEI or SEH.		
23 23 16 00-0172	EA	1/2 - 11 Ton Electric Expansion Valve Note: Sporlan SEI.	284.96	11.88
23 23 16 00-0173	EA	25 Ton Electric Expansion Valve Note: Sporlan SEI.	323.37	12.36
23 23 16 00-0174	EA	50 Ton Electric Expansion Valve Note: Sporlan SEI.	361.94	12.84
23 23 16 00-0175	EA	100 Ton Electric Expansion Valve Note: Sporlan SEH.	437.76	12.84
23 23 16 00-0176	EA	175 Ton Electric Expansion Valve Note: Sporlan SEH.	489.06	13.31
23 23 16 00-0177		**Vibration Absorbers, Packless, Flex Hose** *(23 23 16 00-0156)* Note: Outside diameter pipe sizes.		
23 23 16 00-0178	EA	1/4" Outside Diameter Vibration Absorber Packless, Flex Hose	38.88	12.36
23 23 16 00-0179	EA	3/8" Outside Diameter Vibration Absorber Packless, Flex Hose	45.64	14.26
23 23 16 00-0180	EA	1/2" Outside Diameter Vibration Absorber Packless, Flex Hose	54.07	18.06
23 23 16 00-0181	EA	5/8" Outside Diameter Vibration Absorber Packless, Flex Hose	61.46	21.86
23 23 16 00-0182	EA	3/4" Outside Diameter Vibration Absorber Packless, Flex Hose	71.27	26.62
23 23 16 00-0183	EA	7/8" Outside Diameter Vibration Absorber Packless, Flex Hose	82.01	30.43
23 23 16 00-0184	EA	1-1/8" Outside Diameter Vibration Absorber Packless, Flex Hose	113.26	11.41
23 23 16 00-0185	EA	1-3/8" Outside Diameter Vibration Absorber Packless, Flex Hose	145.74	12.36
23 23 16 00-0186	EA	1-5/8" Outside Diameter Vibration Absorber Packless, Flex Hose	174.32	12.36
23 23 16 00-0187	EA	2-1/8" Outside Diameter Vibration Absorber Packless, Flex Hose	240.00	13.31
23 23 16 00-0188	EA	2-5/8" Outside Diameter Vibration Absorber Packless, Flex Hose	354.20	14.26
23 23 16 00-0189	EA	3-1/8" Outside Diameter Vibration Absorber Packless, Flex Hose	467.90	14.26

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0190		Accumulator, Refrigerant Suction Line *(23 23 16)*		
23 23 16 00-0191	EA	3/4" Accumulator, Refrigeration Suction Line	121.16	43.25
23 23 16 00-0192	EA	7/8" Accumulator, Refrigeration Suction Line	189.04	59.42
23 23 16 00-0193	EA	1-1/8" Accumulator, Refrigeration Suction Line	258.57	79.19
23 23 16 00-0194	EA	1 3/8" Accumulator, Refrigeration Suction Line	317.22	95.07
23 23 16 00-0195	EA	1-5/8" Accumulator, Refrigeration Suction Line	416.85	118.85
23 23 16 00-0196	EA	2-1/8" Accumulator, Refrigeration Suction Line	534.50	158.49
23 23 16 00-0197		Refrigerant Monitor *(23 23 16)*		
		Note: With infrared photo acoustic sensor technology, NEMA 4 enclosure, display panel, alarm outputs including remote, calibrated for specific refrigerant.		
23 23 16 00-0198	EA	Refrigerant Monitor With Sensors	5,620.75	
23 23 16 00-0199		Special Chemicals/Component *(23 23 16)*		
23 23 16 00-0200	GAL	Special Chemical, Inhibited Propylene Glycol	11.03	
23 23 16 00-0201	GAL	Remove/Store For Reuse Inhibited Propylene Glycol	7.38	
23 23 16 00-0202	GAL	Special Chemical, Inhibited Ethylene Glycol	11.20	
23 23 16 00-0203	EA	Internal Coil/Refrigerant Piping Flush Note: Up to 10 ton AC system.	212.71	
23 23 23		**Refrigerants** *(23 23)*		
23 23 23 00-0001		Refrigerant *(23 23 23)*		
23 23 23 00-0002	LB	Refrigerant R-113	13.95	
23 23 23 00-0003	LB	Refrigerant R-123	13.00	
23 23 23 00-0004	LB	Refrigerant R-134A	4.90	
23 23 23 00-0005	LB	Refrigerant R-404A	6.33	
23 23 23 00-0006	LB	Refrigerant R-407C	6.08	
23 23 23 00-0007	LB	Refrigerant R-408A	18.71	
23 23 23 00-0008	LB	Refrigerant R-409A	20.50	
23 23 23 00-0009	LB	Refrigerant R-410A	5.04	
23 23 23 00-0010	LB	Refrigerant R-500	16.00	
23 23 23 00-0011	LB	Refrigerant R-502	18.33	
23 23 23 00-0012	LB	Refrigerant R-507	6.08	
23 25		HVAC Water Treatment *(23 20)*		
23 25 13		**Water Treatment For Closed-Loop Hydronic Systems** *(23 25)*		
23 25 13 00-0001		Polyethylene Chemical Storage Tanks *(23 25 13)*		
23 25 13 00-0002	EA	15 Gallon Chemical Storage Tank, Polyethylene	213.37	79.43
23 25 13 00-0003		Gas Chlorinator *(23 25 13)*		
23 25 13 00-0004	EA	Gas Chlorinator, Wall Or Cylinder Mounted (10 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	889.36	277.54
		For Booster Pump, Add	*324.30*	
23 25 13 00-0005	EA	Gas Chlorinator, Wall Or Cylinder Mounted (25 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,015.88	317.18
		For Booster Pump, Add	*370.67*	
23 25 13 00-0006	EA	Gas Chlorinator, Wall Or Cylinder Mounted (50 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,458.86	240.26
		For Booster Pump, Add	*463.75*	
23 25 13 00-0007		Bypass Shot Feeders *(23 25 13)* Note: Includes up to 4 ports (in, out, fill and drain). Excludes valves.		
23 25 13 00-0008		In Line Mount, 125 PSIG *(23 25 13 00-0007)*		
23 25 13 00-0009	EA	1.7 Gallon Bypass Shot Chemical Feeder In Line Mount, 125 PSIG	954.38	269.05
23 25 13 00-0010		Floor Mount, 175 PSIG *(23 25 13 00-0007)*		
23 25 13 00-0011	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG	1,402.42	405.01
23 25 13 00-0012	EA	12 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG	1,848.72	536.22
23 25 13 00-0013		Floor Mount, 150 LB ASME Code *(23 25 13 00-0007)*		
23 25 13 00-0014	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code	1,402.42	405.01
23 25 13 00-0015	EA	10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code	1,848.72	536.22
23 25 13 00-0016		Floor Mount, 300 LB ASME Code *(23 25 13 00-0007)*		
23 25 13 00-0017	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code	1,769.66	405.01
23 25 13 00-0018	EA	10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code	2,230.03	536.22
23 30		HVAC Air Distribution *(23)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 31 HVAC Ducts And Casings *(23 30)*

Note: Excludes angle iron, threaded rod, anchor bolts or other external supporting devices other than normal sheet metal straps. See CSI section 05 12 23 00-0483 for angle iron, 23 05 29 00-0001 for threaded rod.

23 31 13 Metal Ducts *(23 31)*

23 31 13 13 Rectangular Metal Ducts *(23 31 13)*

23 31 13 13-0001 Steel Sheet Metal Duct *(23 31 13 13)*

Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.

23 31 13 13-0002 Galvanized Steel Sheet Metal Ductwork *(23 31 13 13-0001)*

Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc. Pressure class 2" w.g. and less are considered low pressure/seal class C; pressure class 3" w.g. and less are considered medium pressure/seal class B; pressure class 4" w.g. and larger are considered high pressure/seal class A. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed. Field fabricated ductwork is fabricated by hand to fit unique designs and installed on site. SMACNA weight for ductwork LB/SF (surface areas) by gauge: 30 gauge - 0.656 LB/SF; 28 gauge - 0.781 LB/SF; 26 gauge - 0.906 LB/SF; 24 gauge - 1.156 LB/SF; 22 gauge - 1.406 LB/SF; 20 gauge - 1.656 LB/SF; 18 gauge - 2.156 LB/SF; 16 gauge - 2.656 LB/SF; Add 10% additional material for lappage. The gauge of sheet metal is determined by the dimensional opening. Use the following to determine the minimum gauge of low pressure rectangular sheet metal ductwork unless otherwise stated by owner or drawings. The largest dimension of duct governs the gauge: up to 12" - 26 gauge, 13" to 30" - 24 gauge, 31" to 54" - 22 gauge, 55" to 84" - 20 gauge, 85" and larger - 18 gauge. For fittings add the following equivalent lengths: 0.75' for duct end cap; 1.5' for tap-in; 2.5' for 45 degree elbows; 3' for 90 degree elbows, transition, taper, register box; 4' for 45 degree reducing elbow, offset, turning vanes installed in elbows; 5' for 90 degree reducing elbow, 135 degree angle gooseneck, boots; and 6' for transition/reducer.

23 31 13 13-0003	LB	Sheet Metal Ductwork, Low Pressure, Field Fabricated, Galvanized, Field Assemble And Install	8.29		2.21
		For Flat Oval, Add	*0.16*		
		For Up To 200, Add	*2.80*		
		For >200 To 500, Add	*1.75*		
		For >500 To 1000, Add	*1.23*		
		For >1000 To 2000, Add	*0.69*		
		For >2000 To 5000, Add	*0.32*		
		For Work In Restricted Working Space, Add	*2.17*		
23 31 13 13-0004	LB	Sheet Metal Ductwork, Medium Pressure, Field Fabricated, Galvanized, Field Assemble And Install	9.43		2.58
		For Flat Oval, Add	*0.17*		
		For Up To 200, Add	*3.16*		
		For >200 To 500, Add	*1.97*		
		For >500 To 1000, Add	*1.40*		
		For >1000 To 2000, Add	*0.79*		
		For >2000 To 5000, Add	*0.37*		
		For Work In Restricted Working Space, Add	*2.50*		
23 31 13 13-0005	LB	Sheet Metal Ductwork, High Pressure, Field Fabricated, Galvanized, Field Assemble And Install	11.31		2.94
		For Flat Oval, Add	*0.18*		
		For Up To 200, Add	*3.75*		
		For >200 To 500, Add	*2.34*		
		For >500 To 1000, Add	*1.67*		
		For >1000 To 2000, Add	*0.94*		
		For >2000 To 5000, Add	*0.44*		
		For Work In Restricted Working Space, Add	*3.03*		
23 31 13 13-0006	LB	Sheet Metal Ductwork, Low Pressure, Shop Fabricated, Galvanized, Field Assemble And Install	5.31		2.21
		For PVC Coated, Add	*0.33*		
		For Flat Oval, Add	*0.24*		
		For Up To 200, Add	*2.08*		
		For >200 To 500, Add	*1.36*		
		For >500 To 1000, Add	*0.86*		
		For >1000 To 2000, Add	*0.47*		
		For >2000 To 5000, Add	*0.20*		
		For Work In Restricted Working Space, Add	*1.10*		
23 31 13 13-0007	LB	Sheet Metal Ductwork, Medium Pressure, Shop Fabricated, Galvanized, Field Assemble And Install	6.16		2.58
		For PVC Coated, Add	*0.40*		
		For Flat Oval, Add	*0.30*		
		For Up To 200, Add	*2.45*		
		For >200 To 500, Add	*1.61*		
		For >500 To 1000, Add	*1.00*		
		For >1000 To 2000, Add	*0.55*		
		For >2000 To 5000, Add	*0.23*		
		For Work In Restricted Working Space, Add	*1.25*		
23 31 13 13-0008	LB	Sheet Metal Ductwork, High Pressure, Shop Fabricated, Galvanized, Field Assemble And Install	7.49		2.94
		For PVC Coated, Add	*0.49*		
		For Flat Oval, Add	*0.37*		
		For Up To 200, Add	*2.99*		
		For >200 To 500, Add	*1.96*		
		For >500 To 1000, Add	*1.22*		
		For >1000 To 2000, Add	*0.67*		
		For >2000 To 5000, Add	*0.28*		
		For Work In Restricted Working Space, Add	*1.51*		

23 31 13 13-0009 Galvanized Steel Sheet Metal Ductwork By LF *(23 31 13 13-0001)*

Note: Ductwork includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed. For fittings add the following equivalent lengths: 0.75' for duct end cap; 1.5' for tap-in; 2.5' for 45 degree elbows; 3' for 90 degree elbows, transition, taper, register box; 4' for 45 degree reducing elbow, offset, turning vanes installed in elbows; 5' for 90 degree reducing elbow, 135 degree angle gooseneck, boots; and 6' for transition/reducer.

23 31 13 13-0010 30 Gauge Galvanized Steel Duct *(23 31 13 13-0009)*

23 31 13 13-0011	LF	4" x 4", 30 Gauge Galvanized Steel Duct	5.11		2.13
		For Flat Oval, Add	*0.24*		
		For Work In Restricted Working Space, Add	*1.06*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0012	LF	4" x 6", 30 Gauge Galvanized Steel Duct	6.39	2.66
		For Flat Oval, Add	*0.29*	
		For Work In Restricted Working Space, Add	*1.33*	
23 31 13 13-0013	LF	4" x 8", 30 Gauge Galvanized Steel Duct	7.67	3.19
		For Flat Oval, Add	*0.35*	
		For Work In Restricted Working Space, Add	*1.59*	
23 31 13 13-0014	LF	4" x 10", 30 Gauge Galvanized Steel Duct	8.94	3.72
		For Flat Oval, Add	*0.41*	
		For Work In Restricted Working Space, Add	*1.86*	
23 31 13 13-0015	LF	4" x 12", 30 Gauge Galvanized Steel Duct	10.24	4.25
		For Flat Oval, Add	*0.47*	
		For Work In Restricted Working Space, Add	*2.13*	
23 31 13 13-0016	LF	4" x 14", 30 Gauge Galvanized Steel Duct	11.50	4.78
		For Flat Oval, Add	*0.53*	
		For Work In Restricted Working Space, Add	*2.39*	
23 31 13 13-0017	LF	4" x 16", 30 Gauge Galvanized Steel Duct	12.78	5.31
		For Flat Oval, Add	*0.59*	
		For Work In Restricted Working Space, Add	*2.66*	
23 31 13 13-0018	LF	6" x 6", 30 Gauge Galvanized Steel Duct	7.67	3.19
		For Flat Oval, Add	*0.35*	
		For Work In Restricted Working Space, Add	*1.59*	
23 31 13 13-0019	LF	6" x 8", 30 Gauge Galvanized Steel Duct	8.94	3.72
		For Flat Oval, Add	*0.41*	
		For Work In Restricted Working Space, Add	*1.86*	
23 31 13 13-0020	LF	6" x 10", 30 Gauge Galvanized Steel Duct	10.24	4.25
		For Flat Oval, Add	*0.47*	
		For Work In Restricted Working Space, Add	*2.13*	
23 31 13 13-0021	LF	6" x 12", 30 Gauge Galvanized Steel Duct	11.50	4.78
		For Flat Oval, Add	*0.53*	
		For Work In Restricted Working Space, Add	*2.39*	
23 31 13 13-0022	LF	6" x 14", 30 Gauge Galvanized Steel Duct	12.78	5.31
		For Flat Oval, Add	*0.59*	
		For Work In Restricted Working Space, Add	*2.66*	
23 31 13 13-0023	LF	6" x 16", 30 Gauge Galvanized Steel Duct	14.07	5.85
		For Flat Oval, Add	*0.65*	
		For Work In Restricted Working Space, Add	*2.93*	
23 31 13 13-0024	LF	8" x 8", 30 Gauge Galvanized Steel Duct	10.24	4.25
		For Flat Oval, Add	*0.47*	
		For Work In Restricted Working Space, Add	*2.13*	
23 31 13 13-0025	LF	8" x 10", 30 Gauge Galvanized Steel Duct	11.50	4.78
		For Flat Oval, Add	*0.53*	
		For Work In Restricted Working Space, Add	*2.39*	
23 31 13 13-0026	LF	8" x 12", 30 Gauge Galvanized Steel Duct	12.78	5.31
		For Flat Oval, Add	*0.59*	
		For Work In Restricted Working Space, Add	*2.66*	
23 31 13 13-0027	LF	8" x 14", 30 Gauge Galvanized Steel Duct	14.07	5.85
		For Flat Oval, Add	*0.65*	
		For Work In Restricted Working Space, Add	*2.93*	
23 31 13 13-0028	LF	8" x 16", 30 Gauge Galvanized Steel Duct	15.33	6.38
		For Flat Oval, Add	*0.71*	
		For Work In Restricted Working Space, Add	*3.19*	
23 31 13 13-0029	LF	8" x 18", 30 Gauge Galvanized Steel Duct	16.61	6.91
		For Flat Oval, Add	*0.77*	
		For Work In Restricted Working Space, Add	*3.45*	
23 31 13 13-0030	LF	8" x 20", 30 Gauge Galvanized Steel Duct	17.89	7.44
		For Flat Oval, Add	*0.82*	
		For Work In Restricted Working Space, Add	*3.72*	
23 31 13 13-0031	LF	8" x 22", 30 Gauge Galvanized Steel Duct	19.18	7.97
		For Flat Oval, Add	*0.88*	
		For Work In Restricted Working Space, Add	*3.99*	
23 31 13 13-0032	LF	8" x 24", 30 Gauge Galvanized Steel Duct	20.45	8.51
		For Flat Oval, Add	*0.94*	
		For Work In Restricted Working Space, Add	*4.25*	
23 31 13 13-0033	LF	10" x 10", 30 Gauge Galvanized Steel Duct	12.78	5.31
		For Flat Oval, Add	*0.59*	
		For Work In Restricted Working Space, Add	*2.66*	
23 31 13 13-0034	LF	10" x 12", 30 Gauge Galvanized Steel Duct	14.07	5.85
		For Flat Oval, Add	*0.65*	
		For Work In Restricted Working Space, Add	*2.93*	
23 31 13 13-0035	LF	10" x 14", 30 Gauge Galvanized Steel Duct	15.33	6.38
		For Flat Oval, Add	*0.71*	
		For Work In Restricted Working Space, Add	*3.19*	
23 31 13 13-0036	LF	10" x 16", 30 Gauge Galvanized Steel Duct	16.61	6.91
		For Flat Oval, Add	*0.77*	
		For Work In Restricted Working Space, Add	*3.45*	
23 31 13 13-0037	LF	10" x 18", 30 Gauge Galvanized Steel Duct	17.89	7.44
		For Flat Oval, Add	*0.82*	
		For Work In Restricted Working Space, Add	*3.72*	
23 31 13 13-0038	LF	10" x 20", 30 Gauge Galvanized Steel Duct	19.18	7.97
		For Flat Oval, Add	*0.88*	
		For Work In Restricted Working Space, Add	*3.99*	
23 31 13 13-0039	LF	10" x 22", 30 Gauge Galvanized Steel Duct	20.45	8.51
		For Flat Oval, Add	*0.94*	
		For Work In Restricted Working Space, Add	*4.25*	
23 31 13 13-0040	LF	10" x 24", 30 Gauge Galvanized Steel Duct	21.74	9.03
		For Flat Oval, Add	*1.00*	
		For Work In Restricted Working Space, Add	*4.52*	
23 31 13 13-0041	LF	12" x 12", 30 Gauge Galvanized Steel Duct	15.33	6.38
		For Flat Oval, Add	*0.71*	
		For Work In Restricted Working Space, Add	*3.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0042	LF	12" x 14", 30 Gauge Galvanized Steel Duct	16.61	6.91
		For Flat Oval, Add	*0.77*	
		For Work In Restricted Working Space, Add	*3.45*	
23 31 13 13-0043	LF	12" x 16", 30 Gauge Galvanized Steel Duct	17.89	7.44
		For Flat Oval, Add	*0.82*	
		For Work In Restricted Working Space, Add	*3.72*	
23 31 13 13-0044	LF	12" x 18", 30 Gauge Galvanized Steel Duct	19.18	7.97
		For Flat Oval, Add	*0.88*	
		For Work In Restricted Working Space, Add	*3.99*	
23 31 13 13-0045	LF	12" x 20", 30 Gauge Galvanized Steel Duct	20.45	8.51
		For Flat Oval, Add	*0.94*	
		For Work In Restricted Working Space, Add	*4.25*	
23 31 13 13-0046	LF	12" x 22", 30 Gauge Galvanized Steel Duct	21.74	9.03
		For Flat Oval, Add	*1.00*	
		For Work In Restricted Working Space, Add	*4.52*	
23 31 13 13-0047	LF	12" x 24", 30 Gauge Galvanized Steel Duct	23.01	9.57
		For Flat Oval, Add	*1.06*	
		For Work In Restricted Working Space, Add	*4.79*	
23 31 13 13-0048	LF	14" x 14", 30 Gauge Galvanized Steel Duct	17.89	7.44
		For Flat Oval, Add	*0.82*	
		For Work In Restricted Working Space, Add	*3.72*	
23 31 13 13-0049	LF	14" x 16", 30 Gauge Galvanized Steel Duct	19.18	7.97
		For Flat Oval, Add	*0.88*	
		For Work In Restricted Working Space, Add	*3.99*	
23 31 13 13-0050	LF	14" x 18", 30 Gauge Galvanized Steel Duct	20.45	8.51
		For Flat Oval, Add	*0.94*	
		For Work In Restricted Working Space, Add	*4.25*	
23 31 13 13-0051	LF	14" x 20", 30 Gauge Galvanized Steel Duct	21.74	9.03
		For Flat Oval, Add	*1.00*	
		For Work In Restricted Working Space, Add	*4.52*	
23 31 13 13-0052	LF	14" x 22", 30 Gauge Galvanized Steel Duct	23.01	9.57
		For Flat Oval, Add	*1.06*	
		For Work In Restricted Working Space, Add	*4.79*	
23 31 13 13-0053	LF	14" x 24", 30 Gauge Galvanized Steel Duct	24.31	10.10
		For Flat Oval, Add	*1.12*	
		For Work In Restricted Working Space, Add	*5.05*	
23 31 13 13-0054	LF	16" x 16", 30 Gauge Galvanized Steel Duct	20.45	8.51
		For Flat Oval, Add	*0.94*	
		For Work In Restricted Working Space, Add	*4.25*	
23 31 13 13-0055	LF	16" x 18", 30 Gauge Galvanized Steel Duct	21.74	9.03
		For Flat Oval, Add	*1.00*	
		For Work In Restricted Working Space, Add	*4.52*	
23 31 13 13-0056	LF	16" x 20", 30 Gauge Galvanized Steel Duct	23.01	9.57
		For Flat Oval, Add	*1.06*	
		For Work In Restricted Working Space, Add	*4.79*	
23 31 13 13-0057	LF	16" x 22", 30 Gauge Galvanized Steel Duct	24.31	10.10
		For Flat Oval, Add	*1.12*	
		For Work In Restricted Working Space, Add	*5.05*	
23 31 13 13-0058	LF	16" x 24", 30 Gauge Galvanized Steel Duct	25.56	10.63
		For Flat Oval, Add	*1.18*	
		For Work In Restricted Working Space, Add	*5.31*	
23 31 13 13-0059	LF	18" x 18", 30 Gauge Galvanized Steel Duct	23.01	9.57
		For Flat Oval, Add	*1.06*	
		For Work In Restricted Working Space, Add	*4.79*	
23 31 13 13-0060	LF	18" x 20", 30 Gauge Galvanized Steel Duct	24.31	10.10
		For Flat Oval, Add	*1.12*	
		For Work In Restricted Working Space, Add	*5.05*	
23 31 13 13-0061	LF	18" x 22", 30 Gauge Galvanized Steel Duct	25.56	10.63
		For Flat Oval, Add	*1.18*	
		For Work In Restricted Working Space, Add	*5.31*	
23 31 13 13-0062	LF	18" x 24", 30 Gauge Galvanized Steel Duct	26.83	11.16
		For Flat Oval, Add	*1.23*	
		For Work In Restricted Working Space, Add	*5.58*	
23 31 13 13-0063	LF	20" x 20", 30 Gauge Galvanized Steel Duct	25.56	10.63
		For Flat Oval, Add	*1.18*	
		For Work In Restricted Working Space, Add	*5.31*	
23 31 13 13-0064	LF	20" x 22", 30 Gauge Galvanized Steel Duct	26.83	11.16
		For Flat Oval, Add	*1.23*	
		For Work In Restricted Working Space, Add	*5.58*	
23 31 13 13-0065	LF	20" x 24", 30 Gauge Galvanized Steel Duct	28.13	11.69
		For Flat Oval, Add	*1.30*	
		For Work In Restricted Working Space, Add	*5.85*	
23 31 13 13-0066	LF	22" x 22", 30 Gauge Galvanized Steel Duct	28.13	11.69
		For Flat Oval, Add	*1.30*	
		For Work In Restricted Working Space, Add	*5.85*	
23 31 13 13-0067	LF	22" x 24", 30 Gauge Galvanized Steel Duct	29.39	12.23
		For Flat Oval, Add	*1.35*	
		For Work In Restricted Working Space, Add	*6.11*	
23 31 13 13-0068	LF	24" x 24", 30 Gauge Galvanized Steel Duct	30.68	12.75
		For Flat Oval, Add	*1.41*	
		For Work In Restricted Working Space, Add	*6.38*	

23 31 13 13-0069 28 Gauge Galvanized Steel Duct *(23 31 13 13-0009)*

23 31 13 13-0070	LF	4" x 4", 28 Gauge Galvanized Steel Duct	6.07	2.53
		For Flat Oval, Add	*0.28*	
		For Work In Restricted Working Space, Add	*1.26*	
23 31 13 13-0071	LF	4" x 6", 28 Gauge Galvanized Steel Duct	7.61	3.17
		For Flat Oval, Add	*0.35*	
		For Work In Restricted Working Space, Add	*1.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0072	LF	4" x 8", 28 Gauge Galvanized Steel Duct	9.13	3.80
		For Flat Oval, Add	*0.42*	
		For Work In Restricted Working Space, Add	*1.90*	
23 31 13 13-0073	LF	4" x 10", 28 Gauge Galvanized Steel Duct	10.64	4.43
		For Flat Oval, Add	*0.49*	
		For Work In Restricted Working Space, Add	*2.21*	
23 31 13 13-0074	LF	4" x 12", 28 Gauge Galvanized Steel Duct	12.18	5.06
		For Flat Oval, Add	*0.56*	
		For Work In Restricted Working Space, Add	*2.53*	
23 31 13 13-0075	LF	4" x 14", 28 Gauge Galvanized Steel Duct	13.70	5.70
		For Flat Oval, Add	*0.63*	
		For Work In Restricted Working Space, Add	*2.85*	
23 31 13 13-0076	LF	4" x 16", 28 Gauge Galvanized Steel Duct	15.20	6.33
		For Flat Oval, Add	*0.70*	
		For Work In Restricted Working Space, Add	*3.16*	
23 31 13 13-0077	LF	6" x 6", 28 Gauge Galvanized Steel Duct	9.13	3.80
		For Flat Oval, Add	*0.42*	
		For Work In Restricted Working Space, Add	*1.90*	
23 31 13 13-0078	LF	6" x 8", 28 Gauge Galvanized Steel Duct	10.64	4.43
		For Flat Oval, Add	*0.49*	
		For Work In Restricted Working Space, Add	*2.21*	
23 31 13 13-0079	LF	6" x 10", 28 Gauge Galvanized Steel Duct	12.18	5.06
		For Flat Oval, Add	*0.56*	
		For Work In Restricted Working Space, Add	*2.53*	
23 31 13 13-0080	LF	6" x 12", 28 Gauge Galvanized Steel Duct	13.70	5.70
		For Flat Oval, Add	*0.63*	
		For Work In Restricted Working Space, Add	*2.85*	
23 31 13 13-0081	LF	6" x 14", 28 Gauge Galvanized Steel Duct	15.20	6.33
		For Flat Oval, Add	*0.70*	
		For Work In Restricted Working Space, Add	*3.16*	
23 31 13 13-0082	LF	6" x 16", 28 Gauge Galvanized Steel Duct	16.74	6.96
		For Flat Oval, Add	*0.77*	
		For Work In Restricted Working Space, Add	*3.48*	
23 31 13 13-0083	LF	8" x 8", 28 Gauge Galvanized Steel Duct	12.18	5.06
		For Flat Oval, Add	*0.56*	
		For Work In Restricted Working Space, Add	*2.53*	
23 31 13 13-0084	LF	8" x 10", 28 Gauge Galvanized Steel Duct	13.70	5.70
		For Flat Oval, Add	*0.63*	
		For Work In Restricted Working Space, Add	*2.85*	
23 31 13 13-0085	LF	8" x 12", 28 Gauge Galvanized Steel Duct	15.20	6.33
		For Flat Oval, Add	*0.70*	
		For Work In Restricted Working Space, Add	*3.16*	
23 31 13 13-0086	LF	8" x 14", 28 Gauge Galvanized Steel Duct	16.74	6.96
		For Flat Oval, Add	*0.77*	
		For Work In Restricted Working Space, Add	*3.48*	
23 31 13 13-0087	LF	8" x 16", 28 Gauge Galvanized Steel Duct	18.25	7.59
		For Flat Oval, Add	*0.84*	
		For Work In Restricted Working Space, Add	*3.80*	
23 31 13 13-0088	LF	8" x 18", 28 Gauge Galvanized Steel Duct	19.77	8.23
		For Flat Oval, Add	*0.91*	
		For Work In Restricted Working Space, Add	*4.11*	
23 31 13 13-0089	LF	8" x 20", 28 Gauge Galvanized Steel Duct	21.31	8.86
		For Flat Oval, Add	*0.98*	
		For Work In Restricted Working Space, Add	*4.43*	
23 31 13 13-0090	LF	8" x 22", 28 Gauge Galvanized Steel Duct	22.82	9.50
		For Flat Oval, Add	*1.05*	
		For Work In Restricted Working Space, Add	*4.75*	
23 31 13 13-0091	LF	8" x 24", 28 Gauge Galvanized Steel Duct	24.36	10.12
		For Flat Oval, Add	*1.12*	
		For Work In Restricted Working Space, Add	*5.06*	
23 31 13 13-0092	LF	10" x 10", 28 Gauge Galvanized Steel Duct	15.20	6.33
		For Flat Oval, Add	*0.70*	
		For Work In Restricted Working Space, Add	*3.16*	
23 31 13 13-0093	LF	10" x 12", 28 Gauge Galvanized Steel Duct	16.74	6.96
		For Flat Oval, Add	*0.77*	
		For Work In Restricted Working Space, Add	*3.48*	
23 31 13 13-0094	LF	10" x 14", 28 Gauge Galvanized Steel Duct	18.25	7.59
		For Flat Oval, Add	*0.84*	
		For Work In Restricted Working Space, Add	*3.80*	
23 31 13 13-0095	LF	10" x 16", 28 Gauge Galvanized Steel Duct	19.77	8.23
		For Flat Oval, Add	*0.91*	
		For Work In Restricted Working Space, Add	*4.11*	
23 31 13 13-0096	LF	10" x 18", 28 Gauge Galvanized Steel Duct	21.31	8.86
		For Flat Oval, Add	*0.98*	
		For Work In Restricted Working Space, Add	*4.43*	
23 31 13 13-0097	LF	10" x 20", 28 Gauge Galvanized Steel Duct	22.82	9.50
		For Flat Oval, Add	*1.05*	
		For Work In Restricted Working Space, Add	*4.75*	
23 31 13 13-0098	LF	10" x 22", 28 Gauge Galvanized Steel Duct	24.36	10.12
		For Flat Oval, Add	*1.12*	
		For Work In Restricted Working Space, Add	*5.06*	
23 31 13 13-0099	LF	10" x 24", 28 Gauge Galvanized Steel Duct	25.87	10.76
		For Flat Oval, Add	*1.19*	
		For Work In Restricted Working Space, Add	*5.38*	
23 31 13 13-0100	LF	12" x 12", 28 Gauge Galvanized Steel Duct	18.25	7.59
		For Flat Oval, Add	*0.84*	
		For Work In Restricted Working Space, Add	*3.80*	
23 31 13 13-0101	LF	12" x 14", 28 Gauge Galvanized Steel Duct	19.77	8.23
		For Flat Oval, Add	*0.91*	
		For Work In Restricted Working Space, Add	*4.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0102	LF	12" x 16", 28 Gauge Galvanized Steel Duct	21.31	8.86
		For Flat Oval, Add	*0.98*	
		For Work In Restricted Working Space, Add	*4.43*	
23 31 13 13-0103	LF	12" x 18", 28 Gauge Galvanized Steel Duct	22.82	9.50
		For Flat Oval, Add	*1.05*	
		For Work In Restricted Working Space, Add	*4.75*	
23 31 13 13-0104	LF	12" x 20", 28 Gauge Galvanized Steel Duct	24.36	10.12
		For Flat Oval, Add	*1.12*	
		For Work In Restricted Working Space, Add	*5.06*	
23 31 13 13-0105	LF	12" x 22", 28 Gauge Galvanized Steel Duct	25.87	10.76
		For Flat Oval, Add	*1.19*	
		For Work In Restricted Working Space, Add	*5.38*	
23 31 13 13-0106	LF	12" x 24", 28 Gauge Galvanized Steel Duct	27.39	11.39
		For Flat Oval, Add	*1.26*	
		For Work In Restricted Working Space, Add	*5.69*	
23 31 13 13-0107	LF	14" x 14", 28 Gauge Galvanized Steel Duct	21.31	8.86
		For Flat Oval, Add	*0.98*	
		For Work In Restricted Working Space, Add	*4.43*	
23 31 13 13-0108	LF	14" x 16", 28 Gauge Galvanized Steel Duct	22.82	9.50
		For Flat Oval, Add	*1.05*	
		For Work In Restricted Working Space, Add	*4.75*	
23 31 13 13-0109	LF	14" x 18", 28 Gauge Galvanized Steel Duct	24.36	10.12
		For Flat Oval, Add	*1.12*	
		For Work In Restricted Working Space, Add	*5.06*	
23 31 13 13-0110	LF	14" x 20", 28 Gauge Galvanized Steel Duct	25.87	10.76
		For Flat Oval, Add	*1.19*	
		For Work In Restricted Working Space, Add	*5.38*	
23 31 13 13-0111	LF	14" x 22", 28 Gauge Galvanized Steel Duct	27.39	11.39
		For Flat Oval, Add	*1.26*	
		For Work In Restricted Working Space, Add	*5.69*	
23 31 13 13-0112	LF	14" x 24", 28 Gauge Galvanized Steel Duct	28.93	12.03
		For Flat Oval, Add	*1.33*	
		For Work In Restricted Working Space, Add	*6.01*	
23 31 13 13-0113	LF	16" x 16", 28 Gauge Galvanized Steel Duct	24.36	10.12
		For Flat Oval, Add	*1.12*	
		For Work In Restricted Working Space, Add	*5.06*	
23 31 13 13-0114	LF	16" x 18", 28 Gauge Galvanized Steel Duct	25.87	10.76
		For Flat Oval, Add	*1.19*	
		For Work In Restricted Working Space, Add	*5.38*	
23 31 13 13-0115	LF	16" x 20", 28 Gauge Galvanized Steel Duct	27.39	11.39
		For Flat Oval, Add	*1.26*	
		For Work In Restricted Working Space, Add	*5.69*	
23 31 13 13-0116	LF	16" x 22", 28 Gauge Galvanized Steel Duct	28.93	12.03
		For Flat Oval, Add	*1.33*	
		For Work In Restricted Working Space, Add	*6.01*	
23 31 13 13-0117	LF	16" x 24", 28 Gauge Galvanized Steel Duct	30.44	12.65
		For Flat Oval, Add	*1.40*	
		For Work In Restricted Working Space, Add	*6.33*	
23 31 13 13-0118	LF	18" x 18", 28 Gauge Galvanized Steel Duct	27.39	11.39
		For Flat Oval, Add	*1.26*	
		For Work In Restricted Working Space, Add	*5.69*	
23 31 13 13-0119	LF	18" x 20", 28 Gauge Galvanized Steel Duct	28.93	12.03
		For Flat Oval, Add	*1.33*	
		For Work In Restricted Working Space, Add	*6.01*	
23 31 13 13-0120	LF	18" x 22", 28 Gauge Galvanized Steel Duct	30.44	12.65
		For Flat Oval, Add	*1.40*	
		For Work In Restricted Working Space, Add	*6.33*	
23 31 13 13-0121	LF	18" x 24", 28 Gauge Galvanized Steel Duct	31.96	13.29
		For Flat Oval, Add	*1.47*	
		For Work In Restricted Working Space, Add	*6.65*	
23 31 13 13-0122	LF	20" x 20", 28 Gauge Galvanized Steel Duct	30.44	12.65
		For Flat Oval, Add	*1.40*	
		For Work In Restricted Working Space, Add	*6.33*	
23 31 13 13-0123	LF	20" x 22", 28 Gauge Galvanized Steel Duct	31.96	13.29
		For Flat Oval, Add	*1.47*	
		For Work In Restricted Working Space, Add	*6.65*	
23 31 13 13-0124	LF	20" x 24", 28 Gauge Galvanized Steel Duct	33.49	13.92
		For Flat Oval, Add	*1.54*	
		For Work In Restricted Working Space, Add	*6.96*	
23 31 13 13-0125	LF	22" x 22", 28 Gauge Galvanized Steel Duct	33.49	13.92
		For Flat Oval, Add	*1.54*	
		For Work In Restricted Working Space, Add	*6.96*	
23 31 13 13-0126	LF	22" x 24", 28 Gauge Galvanized Steel Duct	35.01	14.56
		For Flat Oval, Add	*1.61*	
		For Work In Restricted Working Space, Add	*7.28*	
23 31 13 13-0127	LF	24" x 24", 28 Gauge Galvanized Steel Duct	36.52	15.18
		For Flat Oval, Add	*1.68*	
		For Work In Restricted Working Space, Add	*7.59*	

23 31 13 13-0128 26 Gauge Galvanized Steel Duct *(23 31 13 13-0009)*

23 31 13 13-0129	LF	4" x 4", 26 Gauge Galvanized Steel Duct	7.06	2.94
		For Flat Oval, Add	*0.33*	
		For Work In Restricted Working Space, Add	*1.47*	
23 31 13 13-0130	LF	4" x 6", 26 Gauge Galvanized Steel Duct	8.83	3.67
		For Flat Oval, Add	*0.41*	
		For Work In Restricted Working Space, Add	*1.84*	
23 31 13 13-0131	LF	4" x 8", 26 Gauge Galvanized Steel Duct	10.59	4.41
		For Flat Oval, Add	*0.49*	
		For Work In Restricted Working Space, Add	*2.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0132	LF	4" x 10", 26 Gauge Galvanized Steel Duct	12.36	5.14
		For Flat Oval, Add	*0.57*	
		For Work In Restricted Working Space, Add	*2.57*	
23 31 13 13-0133	LF	4" x 12", 26 Gauge Galvanized Steel Duct	14.13	5.87
		For Flat Oval, Add	*0.65*	
		For Work In Restricted Working Space, Add	*2.94*	
23 31 13 13-0134	LF	4" x 14", 26 Gauge Galvanized Steel Duct	15.88	6.60
		For Flat Oval, Add	*0.73*	
		For Work In Restricted Working Space, Add	*3.30*	
23 31 13 13-0135	LF	4" x 16", 26 Gauge Galvanized Steel Duct	17.65	7.34
		For Flat Oval, Add	*0.81*	
		For Work In Restricted Working Space, Add	*3.67*	
23 31 13 13-0136	LF	6" x 6", 26 Gauge Galvanized Steel Duct	10.59	4.41
		For Flat Oval, Add	*0.49*	
		For Work In Restricted Working Space, Add	*2.20*	
23 31 13 13-0137	LF	6" x 8", 26 Gauge Galvanized Steel Duct	12.36	5.14
		For Flat Oval, Add	*0.57*	
		For Work In Restricted Working Space, Add	*2.57*	
23 31 13 13-0138	LF	6" x 10", 26 Gauge Galvanized Steel Duct	14.13	5.87
		For Flat Oval, Add	*0.65*	
		For Work In Restricted Working Space, Add	*2.94*	
23 31 13 13-0139	LF	6" x 12", 26 Gauge Galvanized Steel Duct	15.89	6.60
		For Flat Oval, Add	*0.73*	
		For Work In Restricted Working Space, Add	*3.30*	
23 31 13 13-0140	LF	6" x 14", 26 Gauge Galvanized Steel Duct	17.65	7.34
		For Flat Oval, Add	*0.81*	
		For Work In Restricted Working Space, Add	*3.67*	
23 31 13 13-0141	LF	6" x 16", 26 Gauge Galvanized Steel Duct	19.43	8.07
		For Flat Oval, Add	*0.90*	
		For Work In Restricted Working Space, Add	*4.04*	
23 31 13 13-0142	LF	8" x 8", 26 Gauge Galvanized Steel Duct	14.13	5.87
		For Flat Oval, Add	*0.65*	
		For Work In Restricted Working Space, Add	*2.94*	
23 31 13 13-0143	LF	8" x 10", 26 Gauge Galvanized Steel Duct	15.89	6.60
		For Flat Oval, Add	*0.73*	
		For Work In Restricted Working Space, Add	*3.30*	
23 31 13 13-0144	LF	8" x 12", 26 Gauge Galvanized Steel Duct	17.66	7.34
		For Flat Oval, Add	*0.81*	
		For Work In Restricted Working Space, Add	*3.67*	
23 31 13 13-0145	LF	8" x 14", 26 Gauge Galvanized Steel Duct	19.43	8.07
		For Flat Oval, Add	*0.90*	
		For Work In Restricted Working Space, Add	*4.04*	
23 31 13 13-0146	LF	8" x 16", 26 Gauge Galvanized Steel Duct	21.19	8.81
		For Flat Oval, Add	*0.98*	
		For Work In Restricted Working Space, Add	*4.40*	
23 31 13 13-0147	LF	8" x 18", 26 Gauge Galvanized Steel Duct	22.95	9.55
		For Flat Oval, Add	*1.06*	
		For Work In Restricted Working Space, Add	*4.77*	
23 31 13 13-0148	LF	8" x 20", 26 Gauge Galvanized Steel Duct	24.71	10.27
		For Flat Oval, Add	*1.14*	
		For Work In Restricted Working Space, Add	*5.14*	
23 31 13 13-0149	LF	8" x 22", 26 Gauge Galvanized Steel Duct	26.49	11.01
		For Flat Oval, Add	*1.22*	
		For Work In Restricted Working Space, Add	*5.51*	
23 31 13 13-0150	LF	8" x 24", 26 Gauge Galvanized Steel Duct	28.25	11.74
		For Flat Oval, Add	*1.30*	
		For Work In Restricted Working Space, Add	*5.87*	
23 31 13 13-0151	LF	10" x 10", 26 Gauge Galvanized Steel Duct	17.66	7.34
		For Flat Oval, Add	*0.81*	
		For Work In Restricted Working Space, Add	*3.67*	
23 31 13 13-0152	LF	10" x 12", 26 Gauge Galvanized Steel Duct	19.42	8.07
		For Flat Oval, Add	*0.89*	
		For Work In Restricted Working Space, Add	*4.04*	
23 31 13 13-0153	LF	10" x 14", 26 Gauge Galvanized Steel Duct	21.19	8.81
		For Flat Oval, Add	*0.98*	
		For Work In Restricted Working Space, Add	*4.40*	
23 31 13 13-0154	LF	10" x 16", 26 Gauge Galvanized Steel Duct	22.95	9.55
		For Flat Oval, Add	*1.06*	
		For Work In Restricted Working Space, Add	*4.77*	
23 31 13 13-0155	LF	10" x 18", 26 Gauge Galvanized Steel Duct	24.71	10.27
		For Flat Oval, Add	*1.14*	
		For Work In Restricted Working Space, Add	*5.14*	
23 31 13 13-0156	LF	10" x 20", 26 Gauge Galvanized Steel Duct	26.49	11.01
		For Flat Oval, Add	*1.22*	
		For Work In Restricted Working Space, Add	*5.51*	
23 31 13 13-0157	LF	10" x 22", 26 Gauge Galvanized Steel Duct	28.25	11.74
		For Flat Oval, Add	*1.30*	
		For Work In Restricted Working Space, Add	*5.87*	
23 31 13 13-0158	LF	10" x 24", 26 Gauge Galvanized Steel Duct	30.01	12.48
		For Flat Oval, Add	*1.38*	
		For Work In Restricted Working Space, Add	*6.24*	
23 31 13 13-0159	LF	12" x 12", 26 Gauge Galvanized Steel Duct	21.18	8.81
		For Flat Oval, Add	*0.98*	
		For Work In Restricted Working Space, Add	*4.40*	
23 31 13 13-0160	LF	12" x 14", 26 Gauge Galvanized Steel Duct	22.95	9.55
		For Flat Oval, Add	*1.06*	
		For Work In Restricted Working Space, Add	*4.77*	
23 31 13 13-0161	LF	12" x 16", 26 Gauge Galvanized Steel Duct	24.71	10.27
		For Flat Oval, Add	*1.14*	
		For Work In Restricted Working Space, Add	*5.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0162	LF	12" x 18", 26 Gauge Galvanized Steel Duct	26.49	11.01
		For Flat Oval, Add	*1.22*	
		For Work In Restricted Working Space, Add	*5.51*	
23 31 13 13-0163	LF	12" x 20", 26 Gauge Galvanized Steel Duct	28.25	11.74
		For Flat Oval, Add	*1.30*	
		For Work In Restricted Working Space, Add	*5.87*	
23 31 13 13-0164	LF	12" x 22", 26 Gauge Galvanized Steel Duct	30.01	12.48
		For Flat Oval, Add	*1.38*	
		For Work In Restricted Working Space, Add	*6.24*	
23 31 13 13-0165	LF	12" x 24", 26 Gauge Galvanized Steel Duct	31.77	13.22
		For Flat Oval, Add	*1.46*	
		For Work In Restricted Working Space, Add	*6.61*	
23 31 13 13-0166	LF	14" x 14", 26 Gauge Galvanized Steel Duct	24.71	10.27
		For Flat Oval, Add	*1.14*	
		For Work In Restricted Working Space, Add	*5.14*	
23 31 13 13-0167	LF	14" x 16", 26 Gauge Galvanized Steel Duct	26.49	11.01
		For Flat Oval, Add	*1.22*	
		For Work In Restricted Working Space, Add	*5.51*	
23 31 13 13-0168	LF	14" x 18", 26 Gauge Galvanized Steel Duct	28.25	11.74
		For Flat Oval, Add	*1.30*	
		For Work In Restricted Working Space, Add	*5.87*	
23 31 13 13-0169	LF	14" x 20", 26 Gauge Galvanized Steel Duct	30.01	12.48
		For Flat Oval, Add	*1.38*	
		For Work In Restricted Working Space, Add	*6.24*	
23 31 13 13-0170	LF	14" x 22", 26 Gauge Galvanized Steel Duct	31.77	13.22
		For Flat Oval, Add	*1.46*	
		For Work In Restricted Working Space, Add	*6.61*	
23 31 13 13-0171	LF	14" x 24", 26 Gauge Galvanized Steel Duct	33.56	13.94
		For Flat Oval, Add	*1.55*	
		For Work In Restricted Working Space, Add	*6.98*	
23 31 13 13-0172	LF	16" x 16", 26 Gauge Galvanized Steel Duct	28.25	11.74
		For Flat Oval, Add	*1.30*	
		For Work In Restricted Working Space, Add	*5.87*	
23 31 13 13-0173	LF	16" x 18", 26 Gauge Galvanized Steel Duct	30.01	12.48
		For Flat Oval, Add	*1.38*	
		For Work In Restricted Working Space, Add	*6.24*	
23 31 13 13-0174	LF	16" x 20", 26 Gauge Galvanized Steel Duct	31.77	13.22
		For Flat Oval, Add	*1.46*	
		For Work In Restricted Working Space, Add	*6.61*	
23 31 13 13-0175	LF	16" x 22", 26 Gauge Galvanized Steel Duct	33.56	13.94
		For Flat Oval, Add	*1.55*	
		For Work In Restricted Working Space, Add	*6.98*	
23 31 13 13-0176	LF	16" x 24", 26 Gauge Galvanized Steel Duct	35.31	14.68
		For Flat Oval, Add	*1.63*	
		For Work In Restricted Working Space, Add	*7.34*	
23 31 13 13-0177	LF	18" x 18", 26 Gauge Galvanized Steel Duct	31.77	13.22
		For Flat Oval, Add	*1.46*	
		For Work In Restricted Working Space, Add	*6.61*	
23 31 13 13-0178	LF	18" x 20", 26 Gauge Galvanized Steel Duct	33.56	13.94
		For Flat Oval, Add	*1.55*	
		For Work In Restricted Working Space, Add	*6.98*	
23 31 13 13-0179	LF	18" x 22", 26 Gauge Galvanized Steel Duct	35.31	14.68
		For Flat Oval, Add	*1.63*	
		For Work In Restricted Working Space, Add	*7.34*	
23 31 13 13-0180	LF	18" x 24", 26 Gauge Galvanized Steel Duct	37.07	15.41
		For Flat Oval, Add	*1.71*	
		For Work In Restricted Working Space, Add	*7.71*	
23 31 13 13-0181	LF	20" x 20", 26 Gauge Galvanized Steel Duct	35.31	14.68
		For Flat Oval, Add	*1.63*	
		For Work In Restricted Working Space, Add	*7.34*	
23 31 13 13-0182	LF	20" x 22", 26 Gauge Galvanized Steel Duct	37.07	15.41
		For Flat Oval, Add	*1.71*	
		For Work In Restricted Working Space, Add	*7.71*	
23 31 13 13-0183	LF	20" x 24", 26 Gauge Galvanized Steel Duct	38.84	16.15
		For Flat Oval, Add	*1.79*	
		For Work In Restricted Working Space, Add	*8.08*	
23 31 13 13-0184	LF	22" x 22", 26 Gauge Galvanized Steel Duct	38.84	16.15
		For Flat Oval, Add	*1.79*	
		For Work In Restricted Working Space, Add	*8.08*	
23 31 13 13-0185	LF	22" x 24", 26 Gauge Galvanized Steel Duct	40.61	16.89
		For Flat Oval, Add	*1.87*	
		For Work In Restricted Working Space, Add	*8.44*	
23 31 13 13-0186	LF	24" x 24", 26 Gauge Galvanized Steel Duct	42.38	17.62
		For Flat Oval, Add	*1.95*	
		For Work In Restricted Working Space, Add	*8.81*	

23 31 13 13-0187 24 Gauge Galvanized Steel Duct *(23 31 13 13-0009)*

23 31 13 13-0188	LF	4" x 4", 24 Gauge Galvanized Steel Duct	9.02	3.75
		For Flat Oval, Add	*0.42*	
		For Work In Restricted Working Space, Add	*1.88*	
23 31 13 13-0189	LF	4" x 6", 24 Gauge Galvanized Steel Duct	11.26	4.69
		For Flat Oval, Add	*0.52*	
		For Work In Restricted Working Space, Add	*2.34*	
23 31 13 13-0190	LF	4" x 8", 24 Gauge Galvanized Steel Duct	13.52	5.62
		For Flat Oval, Add	*0.62*	
		For Work In Restricted Working Space, Add	*2.81*	
23 31 13 13-0191	LF	4" x 10", 24 Gauge Galvanized Steel Duct	15.77	6.55
		For Flat Oval, Add	*0.73*	
		For Work In Restricted Working Space, Add	*3.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0192	LF	4" x 12", 24 Gauge Galvanized Steel Duct	18.01	7.49
		For Flat Oval, Add	*0.83*	
		For Work In Restricted Working Space, Add	*3.74*	
23 31 13 13-0193	LF	4" x 14", 24 Gauge Galvanized Steel Duct	20.26	8.43
		For Flat Oval, Add	*0.93*	
		For Work In Restricted Working Space, Add	*4.21*	
23 31 13 13-0194	LF	4" x 16", 24 Gauge Galvanized Steel Duct	22.53	9.37
		For Flat Oval, Add	*1.04*	
		For Work In Restricted Working Space, Add	*4.68*	
23 31 13 13-0195	LF	6" x 6", 24 Gauge Galvanized Steel Duct	13.52	5.62
		For Flat Oval, Add	*0.62*	
		For Work In Restricted Working Space, Add	*2.81*	
23 31 13 13-0196	LF	6" x 8", 24 Gauge Galvanized Steel Duct	15.77	6.55
		For Flat Oval, Add	*0.73*	
		For Work In Restricted Working Space, Add	*3.28*	
23 31 13 13-0197	LF	6" x 10", 24 Gauge Galvanized Steel Duct	18.01	7.49
		For Flat Oval, Add	*0.83*	
		For Work In Restricted Working Space, Add	*3.74*	
23 31 13 13-0198	LF	6" x 12", 24 Gauge Galvanized Steel Duct	20.26	8.43
		For Flat Oval, Add	*0.93*	
		For Work In Restricted Working Space, Add	*4.21*	
23 31 13 13-0199	LF	6" x 14", 24 Gauge Galvanized Steel Duct	22.53	9.37
		For Flat Oval, Add	*1.04*	
		For Work In Restricted Working Space, Add	*4.68*	
23 31 13 13-0200	LF	6" x 16", 24 Gauge Galvanized Steel Duct	24.78	10.30
		For Flat Oval, Add	*1.14*	
		For Work In Restricted Working Space, Add	*5.15*	
23 31 13 13-0201	LF	8" x 8", 24 Gauge Galvanized Steel Duct	18.01	7.49
		For Flat Oval, Add	*0.83*	
		For Work In Restricted Working Space, Add	*3.74*	
23 31 13 13-0202	LF	8" x 10", 24 Gauge Galvanized Steel Duct	20.26	8.43
		For Flat Oval, Add	*0.93*	
		For Work In Restricted Working Space, Add	*4.21*	
23 31 13 13-0203	LF	8" x 12", 24 Gauge Galvanized Steel Duct	22.53	9.37
		For Flat Oval, Add	*1.04*	
		For Work In Restricted Working Space, Add	*4.68*	
23 31 13 13-0204	LF	8" x 14", 24 Gauge Galvanized Steel Duct	24.78	10.30
		For Flat Oval, Add	*1.14*	
		For Work In Restricted Working Space, Add	*5.15*	
23 31 13 13-0205	LF	8" x 16", 24 Gauge Galvanized Steel Duct	27.03	11.24
		For Flat Oval, Add	*1.25*	
		For Work In Restricted Working Space, Add	*5.62*	
23 31 13 13-0206	LF	8" x 18", 24 Gauge Galvanized Steel Duct	29.28	12.18
		For Flat Oval, Add	*1.35*	
		For Work In Restricted Working Space, Add	*6.09*	
23 31 13 13-0207	LF	8" x 20", 24 Gauge Galvanized Steel Duct	31.54	13.11
		For Flat Oval, Add	*1.45*	
		For Work In Restricted Working Space, Add	*6.56*	
23 31 13 13-0208	LF	8" x 22", 24 Gauge Galvanized Steel Duct	33.79	14.04
		For Flat Oval, Add	*1.56*	
		For Work In Restricted Working Space, Add	*7.03*	
23 31 13 13-0209	LF	8" x 24", 24 Gauge Galvanized Steel Duct	36.04	14.99
		For Flat Oval, Add	*1.66*	
		For Work In Restricted Working Space, Add	*7.49*	
23 31 13 13-0210	LF	10" x 10", 24 Gauge Galvanized Steel Duct	22.53	9.37
		For Flat Oval, Add	*1.04*	
		For Work In Restricted Working Space, Add	*4.68*	
23 31 13 13-0211	LF	10" x 12", 24 Gauge Galvanized Steel Duct	24.78	10.30
		For Flat Oval, Add	*1.14*	
		For Work In Restricted Working Space, Add	*5.15*	
23 31 13 13-0212	LF	10" x 14", 24 Gauge Galvanized Steel Duct	27.03	11.24
		For Flat Oval, Add	*1.25*	
		For Work In Restricted Working Space, Add	*5.62*	
23 31 13 13-0213	LF	10" x 16", 24 Gauge Galvanized Steel Duct	29.28	12.18
		For Flat Oval, Add	*1.35*	
		For Work In Restricted Working Space, Add	*6.09*	
23 31 13 13-0214	LF	10" x 18", 24 Gauge Galvanized Steel Duct	31.54	13.11
		For Flat Oval, Add	*1.45*	
		For Work In Restricted Working Space, Add	*6.56*	
23 31 13 13-0215	LF	10" x 20", 24 Gauge Galvanized Steel Duct	33.79	14.04
		For Flat Oval, Add	*1.56*	
		For Work In Restricted Working Space, Add	*7.03*	
23 31 13 13-0216	LF	10" x 22", 24 Gauge Galvanized Steel Duct	36.04	14.99
		For Flat Oval, Add	*1.66*	
		For Work In Restricted Working Space, Add	*7.49*	
23 31 13 13-0217	LF	10" x 24", 24 Gauge Galvanized Steel Duct	38.29	15.93
		For Flat Oval, Add	*1.76*	
		For Work In Restricted Working Space, Add	*7.96*	
23 31 13 13-0218	LF	10" x 26", 24 Gauge Galvanized Steel Duct	40.55	16.86
		For Flat Oval, Add	*1.87*	
		For Work In Restricted Working Space, Add	*8.43*	
23 31 13 13-0219	LF	10" x 28", 24 Gauge Galvanized Steel Duct	42.80	17.79
		For Flat Oval, Add	*1.97*	
		For Work In Restricted Working Space, Add	*8.90*	
23 31 13 13-0220	LF	10" x 30", 24 Gauge Galvanized Steel Duct	45.05	18.73
		For Flat Oval, Add	*2.07*	
		For Work In Restricted Working Space, Add	*9.37*	
23 31 13 13-0221	LF	12" x 12", 24 Gauge Galvanized Steel Duct	27.03	11.24
		For Flat Oval, Add	*1.25*	
		For Work In Restricted Working Space, Add	*5.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0222	LF	12" x 14", 24 Gauge Galvanized Steel Duct	29.28	12.18
		For Flat Oval, Add	*1.35*	
		For Work In Restricted Working Space, Add	*6.09*	
23 31 13 13-0223	LF	12" x 16", 24 Gauge Galvanized Steel Duct	31.54	13.11
		For Flat Oval, Add	*1.45*	
		For Work In Restricted Working Space, Add	*6.56*	
23 31 13 13-0224	LF	12" x 18", 24 Gauge Galvanized Steel Duct	33.79	14.04
		For Flat Oval, Add	*1.56*	
		For Work In Restricted Working Space, Add	*7.03*	
23 31 13 13-0225	LF	12" x 20", 24 Gauge Galvanized Steel Duct	36.04	14.99
		For Flat Oval, Add	*1.66*	
		For Work In Restricted Working Space, Add	*7.49*	
23 31 13 13-0226	LF	12" x 22", 24 Gauge Galvanized Steel Duct	38.29	15.93
		For Flat Oval, Add	*1.76*	
		For Work In Restricted Working Space, Add	*7.96*	
23 31 13 13-0227	LF	12" x 24", 24 Gauge Galvanized Steel Duct	40.55	16.86
		For Flat Oval, Add	*1.87*	
		For Work In Restricted Working Space, Add	*8.43*	
23 31 13 13-0228	LF	12" x 26", 24 Gauge Galvanized Steel Duct	42.80	17.79
		For Flat Oval, Add	*1.97*	
		For Work In Restricted Working Space, Add	*8.90*	
23 31 13 13-0229	LF	12" x 28", 24 Gauge Galvanized Steel Duct	45.05	18.73
		For Flat Oval, Add	*2.07*	
		For Work In Restricted Working Space, Add	*9.37*	
23 31 13 13-0230	LF	12" x 30", 24 Gauge Galvanized Steel Duct	47.30	19.67
		For Flat Oval, Add	*2.18*	
		For Work In Restricted Working Space, Add	*9.83*	
23 31 13 13-0231	LF	14" x 14", 24 Gauge Galvanized Steel Duct	31.54	13.11
		For Flat Oval, Add	*1.45*	
		For Work In Restricted Working Space, Add	*6.56*	
23 31 13 13-0232	LF	14" x 16", 24 Gauge Galvanized Steel Duct	33.79	14.04
		For Flat Oval, Add	*1.56*	
		For Work In Restricted Working Space, Add	*7.03*	
23 31 13 13-0233	LF	14" x 18", 24 Gauge Galvanized Steel Duct	36.04	14.99
		For Flat Oval, Add	*1.66*	
		For Work In Restricted Working Space, Add	*7.49*	
23 31 13 13-0234	LF	14" x 20", 24 Gauge Galvanized Steel Duct	38.29	15.93
		For Flat Oval, Add	*1.76*	
		For Work In Restricted Working Space, Add	*7.96*	
23 31 13 13-0235	LF	14" x 22", 24 Gauge Galvanized Steel Duct	40.55	16.86
		For Flat Oval, Add	*1.87*	
		For Work In Restricted Working Space, Add	*8.43*	
23 31 13 13-0236	LF	14" x 24", 24 Gauge Galvanized Steel Duct	42.80	17.79
		For Flat Oval, Add	*1.97*	
		For Work In Restricted Working Space, Add	*8.90*	
23 31 13 13-0237	LF	14" x 26", 24 Gauge Galvanized Steel Duct	45.05	18.73
		For Flat Oval, Add	*2.07*	
		For Work In Restricted Working Space, Add	*9.37*	
23 31 13 13-0238	LF	14" x 28", 24 Gauge Galvanized Steel Duct	47.30	19.67
		For Flat Oval, Add	*2.18*	
		For Work In Restricted Working Space, Add	*9.83*	
23 31 13 13-0239	LF	14" x 30", 24 Gauge Galvanized Steel Duct	49.56	20.61
		For Flat Oval, Add	*2.28*	
		For Work In Restricted Working Space, Add	*10.31*	
23 31 13 13-0240	LF	16" x 16", 24 Gauge Galvanized Steel Duct	36.04	14.99
		For Flat Oval, Add	*1.66*	
		For Work In Restricted Working Space, Add	*7.49*	
23 31 13 13-0241	LF	16" x 18", 24 Gauge Galvanized Steel Duct	38.29	15.93
		For Flat Oval, Add	*1.76*	
		For Work In Restricted Working Space, Add	*7.96*	
23 31 13 13-0242	LF	16" x 20", 24 Gauge Galvanized Steel Duct	40.55	16.86
		For Flat Oval, Add	*1.87*	
		For Work In Restricted Working Space, Add	*8.43*	
23 31 13 13-0243	LF	16" x 22", 24 Gauge Galvanized Steel Duct	42.80	17.79
		For Flat Oval, Add	*1.97*	
		For Work In Restricted Working Space, Add	*8.90*	
23 31 13 13-0244	LF	16" x 24", 24 Gauge Galvanized Steel Duct	45.05	18.73
		For Flat Oval, Add	*2.07*	
		For Work In Restricted Working Space, Add	*9.37*	
23 31 13 13-0245	LF	16" x 26", 24 Gauge Galvanized Steel Duct	47.30	19.67
		For Flat Oval, Add	*2.18*	
		For Work In Restricted Working Space, Add	*9.83*	
23 31 13 13-0246	LF	16" x 28", 24 Gauge Galvanized Steel Duct	49.56	20.61
		For Flat Oval, Add	*2.28*	
		For Work In Restricted Working Space, Add	*10.31*	
23 31 13 13-0247	LF	16" x 30", 24 Gauge Galvanized Steel Duct	51.80	21.54
		For Flat Oval, Add	*2.39*	
		For Work In Restricted Working Space, Add	*10.77*	
23 31 13 13-0248	LF	18" x 18", 24 Gauge Galvanized Steel Duct	40.55	16.86
		For Flat Oval, Add	*1.87*	
		For Work In Restricted Working Space, Add	*8.43*	
23 31 13 13-0249	LF	18" x 20", 24 Gauge Galvanized Steel Duct	42.80	17.79
		For Flat Oval, Add	*1.97*	
		For Work In Restricted Working Space, Add	*8.90*	
23 31 13 13-0250	LF	18" x 22", 24 Gauge Galvanized Steel Duct	45.05	18.73
		For Flat Oval, Add	*2.07*	
		For Work In Restricted Working Space, Add	*9.37*	
23 31 13 13-0251	LF	18" x 24", 24 Gauge Galvanized Steel Duct	47.30	19.67
		For Flat Oval, Add	*2.18*	
		For Work In Restricted Working Space, Add	*9.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0252	LF	18" x 26", 24 Gauge Galvanized Steel Duct	49.56	20.61
		For Flat Oval, Add	*2.28*	
		For Work In Restricted Working Space, Add	*10.31*	
23 31 13 13-0253	LF	18" x 28", 24 Gauge Galvanized Steel Duct	51.80	21.54
		For Flat Oval, Add	*2.39*	
		For Work In Restricted Working Space, Add	*10.77*	
23 31 13 13-0254	LF	18" x 30", 24 Gauge Galvanized Steel Duct	54.06	22.48
		For Flat Oval, Add	*2.49*	
		For Work In Restricted Working Space, Add	*11.24*	
23 31 13 13-0255	LF	20" x 20", 24 Gauge Galvanized Steel Duct	45.05	18.73
		For Flat Oval, Add	*2.07*	
		For Work In Restricted Working Space, Add	*9.37*	
23 31 13 13-0256	LF	20" x 22", 24 Gauge Galvanized Steel Duct	47.30	19.67
		For Flat Oval, Add	*2.18*	
		For Work In Restricted Working Space, Add	*9.83*	
23 31 13 13-0257	LF	20" x 24", 24 Gauge Galvanized Steel Duct	49.56	20.61
		For Flat Oval, Add	*2.28*	
		For Work In Restricted Working Space, Add	*10.31*	
23 31 13 13-0258	LF	20" x 26", 24 Gauge Galvanized Steel Duct	51.80	21.54
		For Flat Oval, Add	*2.39*	
		For Work In Restricted Working Space, Add	*10.77*	
23 31 13 13-0259	LF	20" x 28", 24 Gauge Galvanized Steel Duct	54.06	22.48
		For Flat Oval, Add	*2.49*	
		For Work In Restricted Working Space, Add	*11.24*	
23 31 13 13-0260	LF	20" x 30", 24 Gauge Galvanized Steel Duct	56.31	23.42
		For Flat Oval, Add	*2.59*	
		For Work In Restricted Working Space, Add	*11.71*	
23 31 13 13-0261	LF	22" x 22", 24 Gauge Galvanized Steel Duct	49.56	20.61
		For Flat Oval, Add	*2.28*	
		For Work In Restricted Working Space, Add	*10.31*	
23 31 13 13-0262	LF	22" x 24", 24 Gauge Galvanized Steel Duct	51.80	21.54
		For Flat Oval, Add	*2.39*	
		For Work In Restricted Working Space, Add	*10.77*	
23 31 13 13-0263	LF	22" x 26", 24 Gauge Galvanized Steel Duct	54.06	22.48
		For Flat Oval, Add	*2.49*	
		For Work In Restricted Working Space, Add	*11.24*	
23 31 13 13-0264	LF	22" x 28", 24 Gauge Galvanized Steel Duct	56.31	23.42
		For Flat Oval, Add	*2.59*	
		For Work In Restricted Working Space, Add	*11.71*	
23 31 13 13-0265	LF	22" x 30", 24 Gauge Galvanized Steel Duct	58.57	24.35
		For Flat Oval, Add	*2.70*	
		For Work In Restricted Working Space, Add	*12.18*	
23 31 13 13-0266	LF	24" x 24", 24 Gauge Galvanized Steel Duct	54.06	22.48
		For Flat Oval, Add	*2.49*	
		For Work In Restricted Working Space, Add	*11.24*	
23 31 13 13-0267	LF	24" x 26", 24 Gauge Galvanized Steel Duct	56.31	23.42
		For Flat Oval, Add	*2.59*	
		For Work In Restricted Working Space, Add	*11.71*	
23 31 13 13-0268	LF	24" x 28", 24 Gauge Galvanized Steel Duct	58.57	24.35
		For Flat Oval, Add	*2.70*	
		For Work In Restricted Working Space, Add	*12.18*	
23 31 13 13-0269	LF	24" x 30", 24 Gauge Galvanized Steel Duct	60.82	25.28
		For Flat Oval, Add	*2.80*	
		For Work In Restricted Working Space, Add	*12.65*	
23 31 13 13-0270	LF	26" x 26", 24 Gauge Galvanized Steel Duct	58.57	24.35
		For Flat Oval, Add	*2.70*	
		For Work In Restricted Working Space, Add	*12.18*	
23 31 13 13-0271	LF	26" x 28", 24 Gauge Galvanized Steel Duct	60.82	25.28
		For Flat Oval, Add	*2.80*	
		For Work In Restricted Working Space, Add	*12.65*	
23 31 13 13-0272	LF	26" x 30", 24 Gauge Galvanized Steel Duct	63.06	26.22
		For Flat Oval, Add	*2.90*	
		For Work In Restricted Working Space, Add	*13.11*	
23 31 13 13-0273	LF	28" x 28", 24 Gauge Galvanized Steel Duct	63.06	26.22
		For Flat Oval, Add	*2.90*	
		For Work In Restricted Working Space, Add	*13.11*	
23 31 13 13-0274	LF	28" x 30", 24 Gauge Galvanized Steel Duct	65.31	27.16
		For Flat Oval, Add	*3.01*	
		For Work In Restricted Working Space, Add	*13.58*	
23 31 13 13-0275	LF	30" x 30", 24 Gauge Galvanized Steel Duct	67.58	28.10
		For Flat Oval, Add	*3.11*	
		For Work In Restricted Working Space, Add	*14.05*	

23 31 13 13-0276 22 Gauge Galvanized Steel Duct *(23 31 13 13-0009)*

23 31 13 13-0277	LF	4" x 4", 22 Gauge Galvanized Steel Duct	10.95	4.56
		For Flat Oval, Add	*0.50*	
		For Work In Restricted Working Space, Add	*2.28*	
23 31 13 13-0278	LF	4" x 6", 22 Gauge Galvanized Steel Duct	13.71	5.70
		For Flat Oval, Add	*0.63*	
		For Work In Restricted Working Space, Add	*2.85*	
23 31 13 13-0279	LF	4" x 8", 22 Gauge Galvanized Steel Duct	16.44	6.84
		For Flat Oval, Add	*0.76*	
		For Work In Restricted Working Space, Add	*3.42*	
23 31 13 13-0280	LF	4" x 10", 22 Gauge Galvanized Steel Duct	19.18	7.97
		For Flat Oval, Add	*0.88*	
		For Work In Restricted Working Space, Add	*3.99*	
23 31 13 13-0281	LF	4" x 12", 22 Gauge Galvanized Steel Duct	21.92	9.11
		For Flat Oval, Add	*1.01*	
		For Work In Restricted Working Space, Add	*4.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0282	LF	4" x 14", 22 Gauge Galvanized Steel Duct	24.66	10.25
		For Flat Oval, Add	*1.14*	
		For Work In Restricted Working Space, Add	*5.13*	
23 31 13 13-0283	LF	4" x 16", 22 Gauge Galvanized Steel Duct	27.40	11.39
		For Flat Oval, Add	*1.26*	
		For Work In Restricted Working Space, Add	*5.70*	
23 31 13 13-0284	LF	6" x 6", 22 Gauge Galvanized Steel Duct	16.44	6.84
		For Flat Oval, Add	*0.76*	
		For Work In Restricted Working Space, Add	*3.42*	
23 31 13 13-0285	LF	6" x 8", 22 Gauge Galvanized Steel Duct	19.18	7.97
		For Flat Oval, Add	*0.88*	
		For Work In Restricted Working Space, Add	*3.99*	
23 31 13 13-0286	LF	6" x 10", 22 Gauge Galvanized Steel Duct	21.92	9.11
		For Flat Oval, Add	*1.01*	
		For Work In Restricted Working Space, Add	*4.56*	
23 31 13 13-0287	LF	6" x 12", 22 Gauge Galvanized Steel Duct	24.66	10.25
		For Flat Oval, Add	*1.14*	
		For Work In Restricted Working Space, Add	*5.13*	
23 31 13 13-0288	LF	6" x 14", 22 Gauge Galvanized Steel Duct	27.40	11.39
		For Flat Oval, Add	*1.26*	
		For Work In Restricted Working Space, Add	*5.70*	
23 31 13 13-0289	LF	6" x 16", 22 Gauge Galvanized Steel Duct	30.13	12.53
		For Flat Oval, Add	*1.39*	
		For Work In Restricted Working Space, Add	*6.26*	
23 31 13 13-0290	LF	8" x 8", 22 Gauge Galvanized Steel Duct	21.92	9.11
		For Flat Oval, Add	*1.01*	
		For Work In Restricted Working Space, Add	*4.56*	
23 31 13 13-0291	LF	8" x 10", 22 Gauge Galvanized Steel Duct	24.66	10.25
		For Flat Oval, Add	*1.14*	
		For Work In Restricted Working Space, Add	*5.13*	
23 31 13 13-0292	LF	8" x 12", 22 Gauge Galvanized Steel Duct	27.40	11.39
		For Flat Oval, Add	*1.26*	
		For Work In Restricted Working Space, Add	*5.70*	
23 31 13 13-0293	LF	8" x 14", 22 Gauge Galvanized Steel Duct	30.13	12.53
		For Flat Oval, Add	*1.39*	
		For Work In Restricted Working Space, Add	*6.26*	
23 31 13 13-0294	LF	8" x 16", 22 Gauge Galvanized Steel Duct	32.87	13.67
		For Flat Oval, Add	*1.51*	
		For Work In Restricted Working Space, Add	*6.83*	
23 31 13 13-0295	LF	8" x 18", 22 Gauge Galvanized Steel Duct	35.61	14.81
		For Flat Oval, Add	*1.64*	
		For Work In Restricted Working Space, Add	*7.40*	
23 31 13 13-0296	LF	8" x 20", 22 Gauge Galvanized Steel Duct	38.35	15.95
		For Flat Oval, Add	*1.77*	
		For Work In Restricted Working Space, Add	*7.97*	
23 31 13 13-0297	LF	8" x 22", 22 Gauge Galvanized Steel Duct	41.10	17.09
		For Flat Oval, Add	*1.89*	
		For Work In Restricted Working Space, Add	*8.54*	
23 31 13 13-0298	LF	8" x 24", 22 Gauge Galvanized Steel Duct	43.83	18.23
		For Flat Oval, Add	*2.02*	
		For Work In Restricted Working Space, Add	*9.11*	
23 31 13 13-0299	LF	10" x 10", 22 Gauge Galvanized Steel Duct	27.40	11.39
		For Flat Oval, Add	*1.26*	
		For Work In Restricted Working Space, Add	*5.70*	
23 31 13 13-0300	LF	10" x 12", 22 Gauge Galvanized Steel Duct	30.13	12.53
		For Flat Oval, Add	*1.39*	
		For Work In Restricted Working Space, Add	*6.26*	
23 31 13 13-0301	LF	10" x 14", 22 Gauge Galvanized Steel Duct	32.87	13.67
		For Flat Oval, Add	*1.51*	
		For Work In Restricted Working Space, Add	*6.83*	
23 31 13 13-0302	LF	10" x 16", 22 Gauge Galvanized Steel Duct	35.61	14.81
		For Flat Oval, Add	*1.64*	
		For Work In Restricted Working Space, Add	*7.40*	
23 31 13 13-0303	LF	10" x 18", 22 Gauge Galvanized Steel Duct	38.35	15.95
		For Flat Oval, Add	*1.77*	
		For Work In Restricted Working Space, Add	*7.97*	
23 31 13 13-0304	LF	10" x 20", 22 Gauge Galvanized Steel Duct	41.10	17.09
		For Flat Oval, Add	*1.89*	
		For Work In Restricted Working Space, Add	*8.54*	
23 31 13 13-0305	LF	10" x 22", 22 Gauge Galvanized Steel Duct	43.83	18.23
		For Flat Oval, Add	*2.02*	
		For Work In Restricted Working Space, Add	*9.11*	
23 31 13 13-0306	LF	10" x 24", 22 Gauge Galvanized Steel Duct	46.58	19.37
		For Flat Oval, Add	*2.15*	
		For Work In Restricted Working Space, Add	*9.68*	
23 31 13 13-0307	LF	10" x 26", 22 Gauge Galvanized Steel Duct	49.32	20.51
		For Flat Oval, Add	*2.27*	
		For Work In Restricted Working Space, Add	*10.25*	
23 31 13 13-0308	LF	10" x 28", 22 Gauge Galvanized Steel Duct	52.06	21.64
		For Flat Oval, Add	*2.40*	
		For Work In Restricted Working Space, Add	*10.82*	
23 31 13 13-0309	LF	10" x 30", 22 Gauge Galvanized Steel Duct	54.79	22.78
		For Flat Oval, Add	*2.52*	
		For Work In Restricted Working Space, Add	*11.39*	
23 31 13 13-0310	LF	10" x 32", 22 Gauge Galvanized Steel Duct	57.53	23.92
		For Flat Oval, Add	*2.65*	
		For Work In Restricted Working Space, Add	*11.96*	
23 31 13 13-0311	LF	12" x 12", 22 Gauge Galvanized Steel Duct	32.87	13.67
		For Flat Oval, Add	*1.51*	
		For Work In Restricted Working Space, Add	*6.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0312	LF	12" x 14", 22 Gauge Galvanized Steel Duct	35.61	14.81
		For Flat Oval, Add	*1.64*	
		For Work In Restricted Working Space, Add	*7.40*	
23 31 13 13-0313	LF	12" x 16", 22 Gauge Galvanized Steel Duct	38.35	15.95
		For Flat Oval, Add	*1.77*	
		For Work In Restricted Working Space, Add	*7.97*	
23 31 13 13-0314	LF	12" x 18", 22 Gauge Galvanized Steel Duct	41.10	17.09
		For Flat Oval, Add	*1.89*	
		For Work In Restricted Working Space, Add	*8.54*	
23 31 13 13-0315	LF	12" x 20", 22 Gauge Galvanized Steel Duct	43.83	18.23
		For Flat Oval, Add	*2.02*	
		For Work In Restricted Working Space, Add	*9.11*	
23 31 13 13-0316	LF	12" x 22", 22 Gauge Galvanized Steel Duct	46.58	19.37
		For Flat Oval, Add	*2.15*	
		For Work In Restricted Working Space, Add	*9.68*	
23 31 13 13-0317	LF	12" x 24", 22 Gauge Galvanized Steel Duct	49.32	20.51
		For Flat Oval, Add	*2.27*	
		For Work In Restricted Working Space, Add	*10.25*	
23 31 13 13-0318	LF	12" x 26", 22 Gauge Galvanized Steel Duct	52.06	21.64
		For Flat Oval, Add	*2.40*	
		For Work In Restricted Working Space, Add	*10.82*	
23 31 13 13-0319	LF	12" x 28", 22 Gauge Galvanized Steel Duct	54.79	22.78
		For Flat Oval, Add	*2.52*	
		For Work In Restricted Working Space, Add	*11.39*	
23 31 13 13-0320	LF	12" x 30", 22 Gauge Galvanized Steel Duct	57.53	23.92
		For Flat Oval, Add	*2.65*	
		For Work In Restricted Working Space, Add	*11.96*	
23 31 13 13-0321	LF	12" x 32", 22 Gauge Galvanized Steel Duct	60.27	25.06
		For Flat Oval, Add	*2.78*	
		For Work In Restricted Working Space, Add	*12.53*	
23 31 13 13-0322	LF	12" x 34", 22 Gauge Galvanized Steel Duct	63.01	26.20
		For Flat Oval, Add	*2.90*	
		For Work In Restricted Working Space, Add	*13.10*	
23 31 13 13-0323	LF	12" x 36", 22 Gauge Galvanized Steel Duct	65.76	27.34
		For Flat Oval, Add	*3.03*	
		For Work In Restricted Working Space, Add	*13.67*	
23 31 13 13-0324	LF	14" x 14", 22 Gauge Galvanized Steel Duct	38.35	15.95
		For Flat Oval, Add	*1.77*	
		For Work In Restricted Working Space, Add	*7.97*	
23 31 13 13-0325	LF	14" x 16", 22 Gauge Galvanized Steel Duct	41.10	17.09
		For Flat Oval, Add	*1.89*	
		For Work In Restricted Working Space, Add	*8.54*	
23 31 13 13-0326	LF	14" x 18", 22 Gauge Galvanized Steel Duct	43.83	18.23
		For Flat Oval, Add	*2.02*	
		For Work In Restricted Working Space, Add	*9.11*	
23 31 13 13-0327	LF	14" x 20", 22 Gauge Galvanized Steel Duct	46.58	19.37
		For Flat Oval, Add	*2.15*	
		For Work In Restricted Working Space, Add	*9.68*	
23 31 13 13-0328	LF	14" x 22", 22 Gauge Galvanized Steel Duct	49.32	20.51
		For Flat Oval, Add	*2.27*	
		For Work In Restricted Working Space, Add	*10.25*	
23 31 13 13-0329	LF	14" x 24", 22 Gauge Galvanized Steel Duct	52.06	21.64
		For Flat Oval, Add	*2.40*	
		For Work In Restricted Working Space, Add	*10.82*	
23 31 13 13-0330	LF	14" x 26", 22 Gauge Galvanized Steel Duct	54.79	22.78
		For Flat Oval, Add	*2.52*	
		For Work In Restricted Working Space, Add	*11.39*	
23 31 13 13-0331	LF	14" x 28", 22 Gauge Galvanized Steel Duct	57.53	23.92
		For Flat Oval, Add	*2.65*	
		For Work In Restricted Working Space, Add	*11.96*	
23 31 13 13-0332	LF	14" x 30", 22 Gauge Galvanized Steel Duct	60.27	25.06
		For Flat Oval, Add	*2.78*	
		For Work In Restricted Working Space, Add	*12.53*	
23 31 13 13-0333	LF	14" x 32", 22 Gauge Galvanized Steel Duct	63.01	26.20
		For Flat Oval, Add	*2.90*	
		For Work In Restricted Working Space, Add	*13.10*	
23 31 13 13-0334	LF	14" x 34", 22 Gauge Galvanized Steel Duct	65.76	27.34
		For Flat Oval, Add	*3.03*	
		For Work In Restricted Working Space, Add	*13.67*	
23 31 13 13-0335	LF	14" x 36", 22 Gauge Galvanized Steel Duct	68.49	28.48
		For Flat Oval, Add	*3.15*	
		For Work In Restricted Working Space, Add	*14.24*	
23 31 13 13-0336	LF	16" x 16", 22 Gauge Galvanized Steel Duct	43.83	18.23
		For Flat Oval, Add	*2.02*	
		For Work In Restricted Working Space, Add	*9.11*	
23 31 13 13-0337	LF	16" x 18", 22 Gauge Galvanized Steel Duct	46.58	19.37
		For Flat Oval, Add	*2.15*	
		For Work In Restricted Working Space, Add	*9.68*	
23 31 13 13-0338	LF	16" x 20", 22 Gauge Galvanized Steel Duct	49.32	20.51
		For Flat Oval, Add	*2.27*	
		For Work In Restricted Working Space, Add	*10.25*	
23 31 13 13-0339	LF	16" x 22", 22 Gauge Galvanized Steel Duct	52.06	21.64
		For Flat Oval, Add	*2.40*	
		For Work In Restricted Working Space, Add	*10.82*	
23 31 13 13-0340	LF	16" x 24", 22 Gauge Galvanized Steel Duct	54.79	22.78
		For Flat Oval, Add	*2.52*	
		For Work In Restricted Working Space, Add	*11.39*	
23 31 13 13-0341	LF	16" x 26", 22 Gauge Galvanized Steel Duct	57.53	23.92
		For Flat Oval, Add	*2.65*	
		For Work In Restricted Working Space, Add	*11.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0342	LF	16" x 28", 22 Gauge Galvanized Steel Duct	60.27	25.06
		For Flat Oval, Add	*2.78*	
		For Work In Restricted Working Space, Add	*12.53*	
23 31 13 13-0343	LF	16" x 30", 22 Gauge Galvanized Steel Duct	63.01	26.20
		For Flat Oval, Add	*2.90*	
		For Work In Restricted Working Space, Add	*13.10*	
23 31 13 13-0344	LF	16" x 32", 22 Gauge Galvanized Steel Duct	65.76	27.34
		For Flat Oval, Add	*3.03*	
		For Work In Restricted Working Space, Add	*13.67*	
23 31 13 13-0345	LF	16" x 34", 22 Gauge Galvanized Steel Duct	68.49	28.48
		For Flat Oval, Add	*3.15*	
		For Work In Restricted Working Space, Add	*14.24*	
23 31 13 13-0346	LF	16" x 36", 22 Gauge Galvanized Steel Duct	71.24	29.62
		For Flat Oval, Add	*3.28*	
		For Work In Restricted Working Space, Add	*14.81*	
23 31 13 13-0347	LF	16" x 38", 22 Gauge Galvanized Steel Duct	73.97	30.76
		For Flat Oval, Add	*3.41*	
		For Work In Restricted Working Space, Add	*15.38*	
23 31 13 13-0348	LF	16" x 40", 22 Gauge Galvanized Steel Duct	76.71	31.90
		For Flat Oval, Add	*3.53*	
		For Work In Restricted Working Space, Add	*15.95*	
23 31 13 13-0349	LF	16" x 42", 22 Gauge Galvanized Steel Duct	79.44	33.04
		For Flat Oval, Add	*3.66*	
		For Work In Restricted Working Space, Add	*16.52*	
23 31 13 13-0350	LF	16" x 44", 22 Gauge Galvanized Steel Duct	82.19	34.18
		For Flat Oval, Add	*3.78*	
		For Work In Restricted Working Space, Add	*17.09*	
23 31 13 13-0351	LF	18" x 18", 22 Gauge Galvanized Steel Duct	49.32	20.51
		For Flat Oval, Add	*2.27*	
		For Work In Restricted Working Space, Add	*10.25*	
23 31 13 13-0352	LF	18" x 20", 22 Gauge Galvanized Steel Duct	52.06	21.64
		For Flat Oval, Add	*2.40*	
		For Work In Restricted Working Space, Add	*10.82*	
23 31 13 13-0353	LF	18" x 22", 22 Gauge Galvanized Steel Duct	54.79	22.78
		For Flat Oval, Add	*2.52*	
		For Work In Restricted Working Space, Add	*11.39*	
23 31 13 13-0354	LF	18" x 24", 22 Gauge Galvanized Steel Duct	57.53	23.92
		For Flat Oval, Add	*2.65*	
		For Work In Restricted Working Space, Add	*11.96*	
23 31 13 13-0355	LF	18" x 26", 22 Gauge Galvanized Steel Duct	60.27	25.06
		For Flat Oval, Add	*2.78*	
		For Work In Restricted Working Space, Add	*12.53*	
23 31 13 13-0356	LF	18" x 28", 22 Gauge Galvanized Steel Duct	63.01	26.20
		For Flat Oval, Add	*2.90*	
		For Work In Restricted Working Space, Add	*13.10*	
23 31 13 13-0357	LF	18" x 30", 22 Gauge Galvanized Steel Duct	65.76	27.34
		For Flat Oval, Add	*3.03*	
		For Work In Restricted Working Space, Add	*13.67*	
23 31 13 13-0358	LF	18" x 32", 22 Gauge Galvanized Steel Duct	68.49	28.48
		For Flat Oval, Add	*3.15*	
		For Work In Restricted Working Space, Add	*14.24*	
23 31 13 13-0359	LF	18" x 34", 22 Gauge Galvanized Steel Duct	71.24	29.62
		For Flat Oval, Add	*3.28*	
		For Work In Restricted Working Space, Add	*14.81*	
23 31 13 13-0360	LF	18" x 36", 22 Gauge Galvanized Steel Duct	73.97	30.76
		For Flat Oval, Add	*3.41*	
		For Work In Restricted Working Space, Add	*15.38*	
23 31 13 13-0361	LF	18" x 38", 22 Gauge Galvanized Steel Duct	76.71	31.90
		For Flat Oval, Add	*3.53*	
		For Work In Restricted Working Space, Add	*15.95*	
23 31 13 13-0362	LF	18" x 40", 22 Gauge Galvanized Steel Duct	79.44	33.04
		For Flat Oval, Add	*3.66*	
		For Work In Restricted Working Space, Add	*16.52*	
23 31 13 13-0363	LF	18" x 42", 22 Gauge Galvanized Steel Duct	82.19	34.18
		For Flat Oval, Add	*3.78*	
		For Work In Restricted Working Space, Add	*17.09*	
23 31 13 13-0364	LF	18" x 44", 22 Gauge Galvanized Steel Duct	84.92	35.31
		For Flat Oval, Add	*3.91*	
		For Work In Restricted Working Space, Add	*17.66*	
23 31 13 13-0365	LF	18" x 46", 22 Gauge Galvanized Steel Duct	87.67	36.45
		For Flat Oval, Add	*4.04*	
		For Work In Restricted Working Space, Add	*18.23*	
23 31 13 13-0366	LF	20" x 20", 22 Gauge Galvanized Steel Duct	54.79	22.78
		For Flat Oval, Add	*2.52*	
		For Work In Restricted Working Space, Add	*11.39*	
23 31 13 13-0367	LF	20" x 22", 22 Gauge Galvanized Steel Duct	57.53	23.92
		For Flat Oval, Add	*2.65*	
		For Work In Restricted Working Space, Add	*11.96*	
23 31 13 13-0368	LF	20" x 24", 22 Gauge Galvanized Steel Duct	60.27	25.06
		For Flat Oval, Add	*2.78*	
		For Work In Restricted Working Space, Add	*12.53*	
23 31 13 13-0369	LF	20" x 26", 22 Gauge Galvanized Steel Duct	63.01	26.20
		For Flat Oval, Add	*2.90*	
		For Work In Restricted Working Space, Add	*13.10*	
23 31 13 13-0370	LF	20" x 28", 22 Gauge Galvanized Steel Duct	65.76	27.34
		For Flat Oval, Add	*3.03*	
		For Work In Restricted Working Space, Add	*13.67*	
23 31 13 13-0371	LF	20" x 30", 22 Gauge Galvanized Steel Duct	68.49	28.48
		For Flat Oval, Add	*3.15*	
		For Work In Restricted Working Space, Add	*14.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0372	LF	20" x 32", 22 Gauge Galvanized Steel Duct	71.24	29.62
		For Flat Oval, Add	*3.28*	
		For Work In Restricted Working Space, Add	*14.81*	
23 31 13 13-0373	LF	20" x 34", 22 Gauge Galvanized Steel Duct	73.97	30.76
		For Flat Oval, Add	*3.41*	
		For Work In Restricted Working Space, Add	*15.38*	
23 31 13 13-0374	LF	20" x 36", 22 Gauge Galvanized Steel Duct	76.71	31.90
		For Flat Oval, Add	*3.53*	
		For Work In Restricted Working Space, Add	*15.95*	
23 31 13 13-0375	LF	20" x 38", 22 Gauge Galvanized Steel Duct	79.44	33.04
		For Flat Oval, Add	*3.66*	
		For Work In Restricted Working Space, Add	*16.52*	
23 31 13 13-0376	LF	20" x 40", 22 Gauge Galvanized Steel Duct	82.19	34.18
		For Flat Oval, Add	*3.78*	
		For Work In Restricted Working Space, Add	*17.09*	
23 31 13 13-0377	LF	20" x 42", 22 Gauge Galvanized Steel Duct	84.92	35.31
		For Flat Oval, Add	*3.91*	
		For Work In Restricted Working Space, Add	*17.66*	
23 31 13 13-0378	LF	20" x 44", 22 Gauge Galvanized Steel Duct	87.67	36.45
		For Flat Oval, Add	*4.04*	
		For Work In Restricted Working Space, Add	*18.23*	
23 31 13 13-0379	LF	20" x 46", 22 Gauge Galvanized Steel Duct	90.40	37.59
		For Flat Oval, Add	*4.16*	
		For Work In Restricted Working Space, Add	*18.80*	
23 31 13 13-0380	LF	20" x 48", 22 Gauge Galvanized Steel Duct	93.15	38.73
		For Flat Oval, Add	*4.29*	
		For Work In Restricted Working Space, Add	*19.37*	
23 31 13 13-0381	LF	22" x 22", 22 Gauge Galvanized Steel Duct	60.27	25.06
		For Flat Oval, Add	*2.78*	
		For Work In Restricted Working Space, Add	*12.53*	
23 31 13 13-0382	LF	22" x 24", 22 Gauge Galvanized Steel Duct	63.01	26.20
		For Flat Oval, Add	*2.90*	
		For Work In Restricted Working Space, Add	*13.10*	
23 31 13 13-0383	LF	22" x 26", 22 Gauge Galvanized Steel Duct	65.76	27.34
		For Flat Oval, Add	*3.03*	
		For Work In Restricted Working Space, Add	*13.67*	
23 31 13 13-0384	LF	22" x 28", 22 Gauge Galvanized Steel Duct	68.49	28.48
		For Flat Oval, Add	*3.15*	
		For Work In Restricted Working Space, Add	*14.24*	
23 31 13 13-0385	LF	22" x 30", 22 Gauge Galvanized Steel Duct	71.24	29.62
		For Flat Oval, Add	*3.28*	
		For Work In Restricted Working Space, Add	*14.81*	
23 31 13 13-0386	LF	22" x 32", 22 Gauge Galvanized Steel Duct	73.97	30.76
		For Flat Oval, Add	*3.41*	
		For Work In Restricted Working Space, Add	*15.38*	
23 31 13 13-0387	LF	22" x 34", 22 Gauge Galvanized Steel Duct	76.71	31.90
		For Flat Oval, Add	*3.53*	
		For Work In Restricted Working Space, Add	*15.95*	
23 31 13 13-0388	LF	22" x 36", 22 Gauge Galvanized Steel Duct	79.44	33.04
		For Flat Oval, Add	*3.66*	
		For Work In Restricted Working Space, Add	*16.52*	
23 31 13 13-0389	LF	22" x 38", 22 Gauge Galvanized Steel Duct	82.19	34.18
		For Flat Oval, Add	*3.78*	
		For Work In Restricted Working Space, Add	*17.09*	
23 31 13 13-0390	LF	22" x 40", 22 Gauge Galvanized Steel Duct	84.92	35.31
		For Flat Oval, Add	*3.91*	
		For Work In Restricted Working Space, Add	*17.66*	
23 31 13 13-0391	LF	22" x 42", 22 Gauge Galvanized Steel Duct	87.67	36.45
		For Flat Oval, Add	*4.04*	
		For Work In Restricted Working Space, Add	*18.23*	
23 31 13 13-0392	LF	22" x 44", 22 Gauge Galvanized Steel Duct	90.40	37.59
		For Flat Oval, Add	*4.16*	
		For Work In Restricted Working Space, Add	*18.80*	
23 31 13 13-0393	LF	22" x 46", 22 Gauge Galvanized Steel Duct	93.15	38.73
		For Flat Oval, Add	*4.29*	
		For Work In Restricted Working Space, Add	*19.37*	
23 31 13 13-0394	LF	22" x 48", 22 Gauge Galvanized Steel Duct	95.90	39.87
		For Flat Oval, Add	*4.42*	
		For Work In Restricted Working Space, Add	*19.94*	
23 31 13 13-0395	LF	24" x 24", 22 Gauge Galvanized Steel Duct	65.76	27.34
		For Flat Oval, Add	*3.03*	
		For Work In Restricted Working Space, Add	*13.67*	
23 31 13 13-0396	LF	24" x 26", 22 Gauge Galvanized Steel Duct	68.49	28.48
		For Flat Oval, Add	*3.15*	
		For Work In Restricted Working Space, Add	*14.24*	
23 31 13 13-0397	LF	24" x 28", 22 Gauge Galvanized Steel Duct	71.24	29.62
		For Flat Oval, Add	*3.28*	
		For Work In Restricted Working Space, Add	*14.81*	
23 31 13 13-0398	LF	24" x 30", 22 Gauge Galvanized Steel Duct	73.97	30.76
		For Flat Oval, Add	*3.41*	
		For Work In Restricted Working Space, Add	*15.38*	
23 31 13 13-0399	LF	24" x 32", 22 Gauge Galvanized Steel Duct	76.71	31.90
		For Flat Oval, Add	*3.53*	
		For Work In Restricted Working Space, Add	*15.95*	
23 31 13 13-0400	LF	24" x 34", 22 Gauge Galvanized Steel Duct	79.44	33.04
		For Flat Oval, Add	*3.66*	
		For Work In Restricted Working Space, Add	*16.52*	
23 31 13 13-0401	LF	24" x 36", 22 Gauge Galvanized Steel Duct	82.19	34.18
		For Flat Oval, Add	*3.78*	
		For Work In Restricted Working Space, Add	*17.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0402	LF	24" x 38", 22 Gauge Galvanized Steel Duct	84.92	35.31
		For Flat Oval, Add	*3.91*	
		For Work In Restricted Working Space, Add	*17.66*	
23 31 13 13-0403	LF	24" x 40", 22 Gauge Galvanized Steel Duct	87.67	36.45
		For Flat Oval, Add	*4.04*	
		For Work In Restricted Working Space, Add	*18.23*	
23 31 13 13-0404	LF	24" x 42", 22 Gauge Galvanized Steel Duct	90.40	37.59
		For Flat Oval, Add	*4.16*	
		For Work In Restricted Working Space, Add	*18.80*	
23 31 13 13-0405	LF	24" x 44", 22 Gauge Galvanized Steel Duct	93.15	38.73
		For Flat Oval, Add	*4.29*	
		For Work In Restricted Working Space, Add	*19.37*	
23 31 13 13-0406	LF	24" x 46", 22 Gauge Galvanized Steel Duct	95.90	39.87
		For Flat Oval, Add	*4.42*	
		For Work In Restricted Working Space, Add	*19.94*	
23 31 13 13-0407	LF	24" x 48", 22 Gauge Galvanized Steel Duct	98.63	41.01
		For Flat Oval, Add	*4.54*	
		For Work In Restricted Working Space, Add	*20.51*	
23 31 13 13-0408	LF	26" x 26", 22 Gauge Galvanized Steel Duct	71.24	29.62
		For Flat Oval, Add	*3.28*	
		For Work In Restricted Working Space, Add	*14.81*	
23 31 13 13-0409	LF	26" x 28", 22 Gauge Galvanized Steel Duct	73.97	30.76
		For Flat Oval, Add	*3.41*	
		For Work In Restricted Working Space, Add	*15.38*	
23 31 13 13-0410	LF	26" x 30", 22 Gauge Galvanized Steel Duct	76.71	31.90
		For Flat Oval, Add	*3.53*	
		For Work In Restricted Working Space, Add	*15.95*	
23 31 13 13-0411	LF	26" x 32", 22 Gauge Galvanized Steel Duct	79.44	33.04
		For Flat Oval, Add	*3.66*	
		For Work In Restricted Working Space, Add	*16.52*	
23 31 13 13-0412	LF	26" x 34", 22 Gauge Galvanized Steel Duct	82.19	34.18
		For Flat Oval, Add	*3.78*	
		For Work In Restricted Working Space, Add	*17.09*	
23 31 13 13-0413	LF	26" x 36", 22 Gauge Galvanized Steel Duct	84.92	35.31
		For Flat Oval, Add	*3.91*	
		For Work In Restricted Working Space, Add	*17.66*	
23 31 13 13-0414	LF	26" x 38", 22 Gauge Galvanized Steel Duct	87.67	36.45
		For Flat Oval, Add	*4.04*	
		For Work In Restricted Working Space, Add	*18.23*	
23 31 13 13-0415	LF	26" x 40", 22 Gauge Galvanized Steel Duct	90.40	37.59
		For Flat Oval, Add	*4.16*	
		For Work In Restricted Working Space, Add	*18.80*	
23 31 13 13-0416	LF	26" x 42", 22 Gauge Galvanized Steel Duct	93.15	38.73
		For Flat Oval, Add	*4.29*	
		For Work In Restricted Working Space, Add	*19.37*	
23 31 13 13-0417	LF	26" x 44", 22 Gauge Galvanized Steel Duct	95.90	39.87
		For Flat Oval, Add	*4.42*	
		For Work In Restricted Working Space, Add	*19.94*	
23 31 13 13-0418	LF	26" x 46", 22 Gauge Galvanized Steel Duct	98.63	41.01
		For Flat Oval, Add	*4.54*	
		For Work In Restricted Working Space, Add	*20.51*	
23 31 13 13-0419	LF	26" x 48", 22 Gauge Galvanized Steel Duct	101.37	42.15
		For Flat Oval, Add	*4.67*	
		For Work In Restricted Working Space, Add	*21.08*	
23 31 13 13-0420	LF	28" x 28", 22 Gauge Galvanized Steel Duct	76.71	31.90
		For Flat Oval, Add	*3.53*	
		For Work In Restricted Working Space, Add	*15.95*	
23 31 13 13-0421	LF	28" x 30", 22 Gauge Galvanized Steel Duct	79.44	33.04
		For Flat Oval, Add	*3.66*	
		For Work In Restricted Working Space, Add	*16.52*	
23 31 13 13-0422	LF	28" x 32", 22 Gauge Galvanized Steel Duct	82.19	34.18
		For Flat Oval, Add	*3.78*	
		For Work In Restricted Working Space, Add	*17.09*	
23 31 13 13-0423	LF	28" x 34", 22 Gauge Galvanized Steel Duct	84.92	35.31
		For Flat Oval, Add	*3.91*	
		For Work In Restricted Working Space, Add	*17.66*	
23 31 13 13-0424	LF	28" x 36", 22 Gauge Galvanized Steel Duct	87.67	36.45
		For Flat Oval, Add	*4.04*	
		For Work In Restricted Working Space, Add	*18.23*	
23 31 13 13-0425	LF	28" x 38", 22 Gauge Galvanized Steel Duct	90.40	37.59
		For Flat Oval, Add	*4.16*	
		For Work In Restricted Working Space, Add	*18.80*	
23 31 13 13-0426	LF	28" x 40", 22 Gauge Galvanized Steel Duct	93.15	38.73
		For Flat Oval, Add	*4.29*	
		For Work In Restricted Working Space, Add	*19.37*	
23 31 13 13-0427	LF	28" x 42", 22 Gauge Galvanized Steel Duct	95.90	39.87
		For Flat Oval, Add	*4.42*	
		For Work In Restricted Working Space, Add	*19.94*	
23 31 13 13-0428	LF	28" x 44", 22 Gauge Galvanized Steel Duct	98.63	41.01
		For Flat Oval, Add	*4.54*	
		For Work In Restricted Working Space, Add	*20.51*	
23 31 13 13-0429	LF	28" x 46", 22 Gauge Galvanized Steel Duct	101.37	42.15
		For Flat Oval, Add	*4.67*	
		For Work In Restricted Working Space, Add	*21.08*	
23 31 13 13-0430	LF	28" x 48", 22 Gauge Galvanized Steel Duct	104.10	43.29
		For Flat Oval, Add	*4.79*	
		For Work In Restricted Working Space, Add	*21.64*	
23 31 13 13-0431	LF	30" x 30", 22 Gauge Galvanized Steel Duct	82.19	34.18
		For Flat Oval, Add	*3.78*	
		For Work In Restricted Working Space, Add	*17.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0432	LF	30" x 32", 22 Gauge Galvanized Steel Duct	84.92	35.31
		For Flat Oval, Add	*3.91*	
		For Work In Restricted Working Space, Add	*17.66*	
23 31 13 13-0433	LF	30" x 34", 22 Gauge Galvanized Steel Duct	87.67	36.45
		For Flat Oval, Add	*4.04*	
		For Work In Restricted Working Space, Add	*18.23*	
23 31 13 13-0434	LF	30" x 36", 22 Gauge Galvanized Steel Duct	90.40	37.59
		For Flat Oval, Add	*4.16*	
		For Work In Restricted Working Space, Add	*18.80*	
23 31 13 13-0435	LF	30" x 38", 22 Gauge Galvanized Steel Duct	93.15	38.73
		For Flat Oval, Add	*4.29*	
		For Work In Restricted Working Space, Add	*19.37*	
23 31 13 13-0436	LF	30" x 40", 22 Gauge Galvanized Steel Duct	95.90	39.87
		For Flat Oval, Add	*4.42*	
		For Work In Restricted Working Space, Add	*19.94*	
23 31 13 13-0437	LF	30" x 42", 22 Gauge Galvanized Steel Duct	98.63	41.01
		For Flat Oval, Add	*4.54*	
		For Work In Restricted Working Space, Add	*20.51*	
23 31 13 13-0438	LF	30" x 44", 22 Gauge Galvanized Steel Duct	101.37	42.15
		For Flat Oval, Add	*4.67*	
		For Work In Restricted Working Space, Add	*21.08*	
23 31 13 13-0439	LF	30" x 46", 22 Gauge Galvanized Steel Duct	104.10	43.29
		For Flat Oval, Add	*4.79*	
		For Work In Restricted Working Space, Add	*21.64*	
23 31 13 13-0440	LF	30" x 48", 22 Gauge Galvanized Steel Duct	106.85	44.43
		For Flat Oval, Add	*4.92*	
		For Work In Restricted Working Space, Add	*22.22*	
23 31 13 13-0441	LF	32" x 32", 22 Gauge Galvanized Steel Duct	87.67	36.45
		For Flat Oval, Add	*4.04*	
		For Work In Restricted Working Space, Add	*18.23*	
23 31 13 13-0442	LF	32" x 34", 22 Gauge Galvanized Steel Duct	90.40	37.59
		For Flat Oval, Add	*4.16*	
		For Work In Restricted Working Space, Add	*18.80*	
23 31 13 13-0443	LF	32" x 36", 22 Gauge Galvanized Steel Duct	93.15	38.73
		For Flat Oval, Add	*4.29*	
		For Work In Restricted Working Space, Add	*19.37*	
23 31 13 13-0444	LF	32" x 38", 22 Gauge Galvanized Steel Duct	95.90	39.87
		For Flat Oval, Add	*4.42*	
		For Work In Restricted Working Space, Add	*19.94*	
23 31 13 13-0445	LF	32" x 40", 22 Gauge Galvanized Steel Duct	98.63	41.01
		For Flat Oval, Add	*4.54*	
		For Work In Restricted Working Space, Add	*20.51*	
23 31 13 13-0446	LF	32" x 42", 22 Gauge Galvanized Steel Duct	101.37	42.15
		For Flat Oval, Add	*4.67*	
		For Work In Restricted Working Space, Add	*21.08*	
23 31 13 13-0447	LF	32" x 44", 22 Gauge Galvanized Steel Duct	104.10	43.29
		For Flat Oval, Add	*4.79*	
		For Work In Restricted Working Space, Add	*21.64*	
23 31 13 13-0448	LF	32" x 46", 22 Gauge Galvanized Steel Duct	106.85	44.43
		For Flat Oval, Add	*4.92*	
		For Work In Restricted Working Space, Add	*22.22*	
23 31 13 13-0449	LF	32" x 48", 22 Gauge Galvanized Steel Duct	109.58	45.57
		For Flat Oval, Add	*5.05*	
		For Work In Restricted Working Space, Add	*22.78*	
23 31 13 13-0450	LF	34" x 34", 22 Gauge Galvanized Steel Duct	93.15	38.73
		For Flat Oval, Add	*4.29*	
		For Work In Restricted Working Space, Add	*19.37*	
23 31 13 13-0451	LF	34" x 36", 22 Gauge Galvanized Steel Duct	95.90	39.87
		For Flat Oval, Add	*4.42*	
		For Work In Restricted Working Space, Add	*19.94*	
23 31 13 13-0452	LF	34" x 38", 22 Gauge Galvanized Steel Duct	98.63	41.01
		For Flat Oval, Add	*4.54*	
		For Work In Restricted Working Space, Add	*20.51*	
23 31 13 13-0453	LF	34" x 40", 22 Gauge Galvanized Steel Duct	101.37	42.15
		For Flat Oval, Add	*4.67*	
		For Work In Restricted Working Space, Add	*21.08*	
23 31 13 13-0454	LF	34" x 42", 22 Gauge Galvanized Steel Duct	104.10	43.29
		For Flat Oval, Add	*4.79*	
		For Work In Restricted Working Space, Add	*21.64*	
23 31 13 13-0455	LF	34" x 44", 22 Gauge Galvanized Steel Duct	106.85	44.43
		For Flat Oval, Add	*4.92*	
		For Work In Restricted Working Space, Add	*22.22*	
23 31 13 13-0456	LF	34" x 46", 22 Gauge Galvanized Steel Duct	109.58	45.57
		For Flat Oval, Add	*5.05*	
		For Work In Restricted Working Space, Add	*22.78*	
23 31 13 13-0457	LF	34" x 48", 22 Gauge Galvanized Steel Duct	112.32	46.71
		For Flat Oval, Add	*5.17*	
		For Work In Restricted Working Space, Add	*23.35*	
23 31 13 13-0458	LF	36" x 36", 22 Gauge Galvanized Steel Duct	98.63	41.01
		For Flat Oval, Add	*4.54*	
		For Work In Restricted Working Space, Add	*20.51*	
23 31 13 13-0459	LF	36" x 38", 22 Gauge Galvanized Steel Duct	101.37	42.15
		For Flat Oval, Add	*4.67*	
		For Work In Restricted Working Space, Add	*21.08*	
23 31 13 13-0460	LF	36" x 40", 22 Gauge Galvanized Steel Duct	104.10	43.29
		For Flat Oval, Add	*4.79*	
		For Work In Restricted Working Space, Add	*21.64*	
23 31 13 13-0461	LF	36" x 42", 22 Gauge Galvanized Steel Duct	106.85	44.43
		For Flat Oval, Add	*4.92*	
		For Work In Restricted Working Space, Add	*22.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0462	LF	36" x 44", 22 Gauge Galvanized Steel Duct	109.58	45.57
		For Flat Oval, Add	*5.05*	
		For Work In Restricted Working Space, Add	*22.78*	
23 31 13 13-0463	LF	36" x 46", 22 Gauge Galvanized Steel Duct	112.32	46.71
		For Flat Oval, Add	*5.17*	
		For Work In Restricted Working Space, Add	*23.35*	
23 31 13 13-0464	LF	36" x 48", 22 Gauge Galvanized Steel Duct	115.06	47.85
		For Flat Oval, Add	*5.30*	
		For Work In Restricted Working Space, Add	*23.92*	
23 31 13 13-0465	LF	38" x 38", 22 Gauge Galvanized Steel Duct	104.10	43.29
		For Flat Oval, Add	*4.79*	
		For Work In Restricted Working Space, Add	*21.64*	
23 31 13 13-0466	LF	38" x 40", 22 Gauge Galvanized Steel Duct	106.85	44.43
		For Flat Oval, Add	*4.92*	
		For Work In Restricted Working Space, Add	*22.22*	
23 31 13 13-0467	LF	38" x 42", 22 Gauge Galvanized Steel Duct	109.58	45.57
		For Flat Oval, Add	*5.05*	
		For Work In Restricted Working Space, Add	*22.78*	
23 31 13 13-0468	LF	38" x 44", 22 Gauge Galvanized Steel Duct	112.32	46.71
		For Flat Oval, Add	*5.17*	
		For Work In Restricted Working Space, Add	*23.35*	
23 31 13 13-0469	LF	38" x 46", 22 Gauge Galvanized Steel Duct	115.06	47.85
		For Flat Oval, Add	*5.30*	
		For Work In Restricted Working Space, Add	*23.92*	
23 31 13 13-0470	LF	38" x 48", 22 Gauge Galvanized Steel Duct	117.81	48.98
		For Flat Oval, Add	*5.43*	
		For Work In Restricted Working Space, Add	*24.49*	
23 31 13 13-0471	LF	38" x 50", 22 Gauge Galvanized Steel Duct	120.55	50.12
		For Flat Oval, Add	*5.55*	
		For Work In Restricted Working Space, Add	*25.06*	
23 31 13 13-0472	LF	40" x 40", 22 Gauge Galvanized Steel Duct	109.58	45.57
		For Flat Oval, Add	*5.05*	
		For Work In Restricted Working Space, Add	*22.78*	
23 31 13 13-0473	LF	40" x 42", 22 Gauge Galvanized Steel Duct	112.32	46.71
		For Flat Oval, Add	*5.17*	
		For Work In Restricted Working Space, Add	*23.35*	
23 31 13 13-0474	LF	40" x 44", 22 Gauge Galvanized Steel Duct	115.06	47.85
		For Flat Oval, Add	*5.30*	
		For Work In Restricted Working Space, Add	*23.92*	
23 31 13 13-0475	LF	40" x 46", 22 Gauge Galvanized Steel Duct	117.81	48.98
		For Flat Oval, Add	*5.43*	
		For Work In Restricted Working Space, Add	*24.49*	
23 31 13 13-0476	LF	40" x 48", 22 Gauge Galvanized Steel Duct	120.55	50.12
		For Flat Oval, Add	*5.55*	
		For Work In Restricted Working Space, Add	*25.06*	
23 31 13 13-0477	LF	40" x 50", 22 Gauge Galvanized Steel Duct	123.29	51.26
		For Flat Oval, Add	*5.68*	
		For Work In Restricted Working Space, Add	*25.63*	
23 31 13 13-0478	LF	40" x 52", 22 Gauge Galvanized Steel Duct	126.02	52.40
		For Flat Oval, Add	*5.80*	
		For Work In Restricted Working Space, Add	*26.20*	
23 31 13 13-0479	LF	40" x 54", 22 Gauge Galvanized Steel Duct	128.76	53.54
		For Flat Oval, Add	*5.93*	
		For Work In Restricted Working Space, Add	*26.77*	
23 31 13 13-0480	LF	42" x 42", 22 Gauge Galvanized Steel Duct	115.06	47.85
		For Flat Oval, Add	*5.30*	
		For Work In Restricted Working Space, Add	*23.92*	
23 31 13 13-0481	LF	42" x 44", 22 Gauge Galvanized Steel Duct	117.81	48.98
		For Flat Oval, Add	*5.43*	
		For Work In Restricted Working Space, Add	*24.49*	
23 31 13 13-0482	LF	42" x 46", 22 Gauge Galvanized Steel Duct	120.55	50.12
		For Flat Oval, Add	*5.55*	
		For Work In Restricted Working Space, Add	*25.06*	
23 31 13 13-0483	LF	42" x 48", 22 Gauge Galvanized Steel Duct	123.29	51.26
		For Flat Oval, Add	*5.68*	
		For Work In Restricted Working Space, Add	*25.63*	
23 31 13 13-0484	LF	42" x 50", 22 Gauge Galvanized Steel Duct	126.02	52.40
		For Flat Oval, Add	*5.80*	
		For Work In Restricted Working Space, Add	*26.20*	
23 31 13 13-0485	LF	42" x 52", 22 Gauge Galvanized Steel Duct	128.76	53.54
		For Flat Oval, Add	*5.93*	
		For Work In Restricted Working Space, Add	*26.77*	
23 31 13 13-0486	LF	42" x 54", 22 Gauge Galvanized Steel Duct	131.50	54.68
		For Flat Oval, Add	*6.06*	
		For Work In Restricted Working Space, Add	*27.34*	
23 31 13 13-0487	LF	44" x 44", 22 Gauge Galvanized Steel Duct	120.55	50.12
		For Flat Oval, Add	*5.55*	
		For Work In Restricted Working Space, Add	*25.06*	
23 31 13 13-0488	LF	44" x 46", 22 Gauge Galvanized Steel Duct	123.29	51.26
		For Flat Oval, Add	*5.68*	
		For Work In Restricted Working Space, Add	*25.63*	
23 31 13 13-0489	LF	44" x 48", 22 Gauge Galvanized Steel Duct	126.02	52.40
		For Flat Oval, Add	*5.80*	
		For Work In Restricted Working Space, Add	*26.20*	
23 31 13 13-0490	LF	44" x 50", 22 Gauge Galvanized Steel Duct	128.76	53.54
		For Flat Oval, Add	*5.93*	
		For Work In Restricted Working Space, Add	*26.77*	
23 31 13 13-0491	LF	44" x 52", 22 Gauge Galvanized Steel Duct	131.50	54.68
		For Flat Oval, Add	*6.06*	
		For Work In Restricted Working Space, Add	*27.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0492	LF	44" x 54", 22 Gauge Galvanized Steel Duct	134.24	55.82
		For Flat Oval, Add	*6.18*	
		For Work In Restricted Working Space, Add	*27.91*	
23 31 13 13-0493	LF	46" x 46", 22 Gauge Galvanized Steel Duct	126.02	52.40
		For Flat Oval, Add	*5.80*	
		For Work In Restricted Working Space, Add	*26.20*	
23 31 13 13-0494	LF	46" x 48", 22 Gauge Galvanized Steel Duct	128.76	53.54
		For Flat Oval, Add	*5.93*	
		For Work In Restricted Working Space, Add	*26.77*	
23 31 13 13-0495	LF	46" x 50", 22 Gauge Galvanized Steel Duct	131.50	54.68
		For Flat Oval, Add	*6.06*	
		For Work In Restricted Working Space, Add	*27.34*	
23 31 13 13-0496	LF	46" x 52", 22 Gauge Galvanized Steel Duct	134.24	55.82
		For Flat Oval, Add	*6.18*	
		For Work In Restricted Working Space, Add	*27.91*	
23 31 13 13-0497	LF	46" x 54", 22 Gauge Galvanized Steel Duct	136.97	56.96
		For Flat Oval, Add	*6.31*	
		For Work In Restricted Working Space, Add	*28.48*	
23 31 13 13-0498	LF	48" x 48", 22 Gauge Galvanized Steel Duct	131.50	54.68
		For Flat Oval, Add	*6.06*	
		For Work In Restricted Working Space, Add	*27.34*	
23 31 13 13-0499	LF	48" x 50", 22 Gauge Galvanized Steel Duct	134.24	55.82
		For Flat Oval, Add	*6.18*	
		For Work In Restricted Working Space, Add	*27.91*	
23 31 13 13-0500	LF	48" x 52", 22 Gauge Galvanized Steel Duct	136.97	56.96
		For Flat Oval, Add	*6.31*	
		For Work In Restricted Working Space, Add	*28.48*	
23 31 13 13-0501	LF	48" x 54", 22 Gauge Galvanized Steel Duct	139.72	58.10
		For Flat Oval, Add	*6.43*	
		For Work In Restricted Working Space, Add	*29.05*	
23 31 13 13-0502	LF	50" x 50", 22 Gauge Galvanized Steel Duct	136.97	56.96
		For Flat Oval, Add	*6.31*	
		For Work In Restricted Working Space, Add	*28.48*	
23 31 13 13-0503	LF	50" x 52", 22 Gauge Galvanized Steel Duct	139.72	58.10
		For Flat Oval, Add	*6.43*	
		For Work In Restricted Working Space, Add	*29.05*	
23 31 13 13-0504	LF	50" x 54", 22 Gauge Galvanized Steel Duct	142.46	59.24
		For Flat Oval, Add	*6.56*	
		For Work In Restricted Working Space, Add	*29.62*	
23 31 13 13-0505	LF	52" x 52", 22 Gauge Galvanized Steel Duct	142.46	59.24
		For Flat Oval, Add	*6.56*	
		For Work In Restricted Working Space, Add	*29.62*	
23 31 13 13-0506	LF	52" x 54", 22 Gauge Galvanized Steel Duct	145.21	60.38
		For Flat Oval, Add	*6.69*	
		For Work In Restricted Working Space, Add	*30.19*	
23 31 13 13-0507	LF	54" x 54", 22 Gauge Galvanized Steel Duct	147.94	61.52
		For Flat Oval, Add	*6.81*	
		For Work In Restricted Working Space, Add	*30.76*	

23 31 13 13-0508 20 Gauge Galvanized Steel Duct *(23 31 13 13-0009)*

23 31 13 13-0509	LF	4" x 4", 20 Gauge Galvanized Steel Duct	14.98	6.06
		For Flat Oval, Add	*0.73*	
		For Work In Restricted Working Space, Add	*3.03*	
23 31 13 13-0510	LF	4" x 6", 20 Gauge Galvanized Steel Duct	18.73	7.58
		For Flat Oval, Add	*0.92*	
		For Work In Restricted Working Space, Add	*3.79*	
23 31 13 13-0511	LF	4" x 8", 20 Gauge Galvanized Steel Duct	22.48	9.09
		For Flat Oval, Add	*1.10*	
		For Work In Restricted Working Space, Add	*4.55*	
23 31 13 13-0512	LF	4" x 10", 20 Gauge Galvanized Steel Duct	26.21	10.62
		For Flat Oval, Add	*1.28*	
		For Work In Restricted Working Space, Add	*5.30*	
23 31 13 13-0513	LF	4" x 12", 20 Gauge Galvanized Steel Duct	29.97	12.13
		For Flat Oval, Add	*1.46*	
		For Work In Restricted Working Space, Add	*6.07*	
23 31 13 13-0514	LF	4" x 14", 20 Gauge Galvanized Steel Duct	33.71	13.65
		For Flat Oval, Add	*1.65*	
		For Work In Restricted Working Space, Add	*6.82*	
23 31 13 13-0515	LF	4" x 16", 20 Gauge Galvanized Steel Duct	37.46	15.16
		For Flat Oval, Add	*1.83*	
		For Work In Restricted Working Space, Add	*7.58*	
23 31 13 13-0516	LF	6" x 6", 20 Gauge Galvanized Steel Duct	22.48	9.09
		For Flat Oval, Add	*1.10*	
		For Work In Restricted Working Space, Add	*4.55*	
23 31 13 13-0517	LF	6" x 8", 20 Gauge Galvanized Steel Duct	26.21	10.62
		For Flat Oval, Add	*1.28*	
		For Work In Restricted Working Space, Add	*5.30*	
23 31 13 13-0518	LF	6" x 10", 20 Gauge Galvanized Steel Duct	29.97	12.13
		For Flat Oval, Add	*1.46*	
		For Work In Restricted Working Space, Add	*6.07*	
23 31 13 13-0519	LF	6" x 12", 20 Gauge Galvanized Steel Duct	33.71	13.65
		For Flat Oval, Add	*1.65*	
		For Work In Restricted Working Space, Add	*6.82*	
23 31 13 13-0520	LF	6" x 14", 20 Gauge Galvanized Steel Duct	37.46	15.16
		For Flat Oval, Add	*1.83*	
		For Work In Restricted Working Space, Add	*7.58*	
23 31 13 13-0521	LF	6" x 16", 20 Gauge Galvanized Steel Duct	41.20	16.67
		For Flat Oval, Add	*2.01*	
		For Work In Restricted Working Space, Add	*8.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0522	LF	8" x 8", 20 Gauge Galvanized Steel Duct	29.97	12.13
		For Flat Oval, Add	*1.46*	
		For Work In Restricted Working Space, Add	*6.07*	
23 31 13 13-0523	LF	8" x 10", 20 Gauge Galvanized Steel Duct	33.71	13.65
		For Flat Oval, Add	*1.65*	
		For Work In Restricted Working Space, Add	*6.82*	
23 31 13 13-0524	LF	8" x 12", 20 Gauge Galvanized Steel Duct	37.46	15.16
		For Flat Oval, Add	*1.83*	
		For Work In Restricted Working Space, Add	*7.58*	
23 31 13 13-0525	LF	8" x 14", 20 Gauge Galvanized Steel Duct	41.20	16.67
		For Flat Oval, Add	*2.01*	
		For Work In Restricted Working Space, Add	*8.34*	
23 31 13 13-0526	LF	8" x 16", 20 Gauge Galvanized Steel Duct	44.95	18.20
		For Flat Oval, Add	*2.19*	
		For Work In Restricted Working Space, Add	*9.10*	
23 31 13 13-0527	LF	8" x 18", 20 Gauge Galvanized Steel Duct	48.70	19.71
		For Flat Oval, Add	*2.38*	
		For Work In Restricted Working Space, Add	*9.86*	
23 31 13 13-0528	LF	8" x 20", 20 Gauge Galvanized Steel Duct	52.44	21.23
		For Flat Oval, Add	*2.56*	
		For Work In Restricted Working Space, Add	*10.61*	
23 31 13 13-0529	LF	8" x 22", 20 Gauge Galvanized Steel Duct	56.20	22.74
		For Flat Oval, Add	*2.74*	
		For Work In Restricted Working Space, Add	*11.37*	
23 31 13 13-0530	LF	8" x 24", 20 Gauge Galvanized Steel Duct	59.94	24.26
		For Flat Oval, Add	*2.93*	
		For Work In Restricted Working Space, Add	*12.13*	
23 31 13 13-0531	LF	10" x 10", 20 Gauge Galvanized Steel Duct	37.46	15.16
		For Flat Oval, Add	*1.83*	
		For Work In Restricted Working Space, Add	*7.58*	
23 31 13 13-0532	LF	10" x 12", 20 Gauge Galvanized Steel Duct	41.20	16.67
		For Flat Oval, Add	*2.01*	
		For Work In Restricted Working Space, Add	*8.34*	
23 31 13 13-0533	LF	10" x 14", 20 Gauge Galvanized Steel Duct	44.95	18.20
		For Flat Oval, Add	*2.19*	
		For Work In Restricted Working Space, Add	*9.10*	
23 31 13 13-0534	LF	10" x 16", 20 Gauge Galvanized Steel Duct	48.70	19.71
		For Flat Oval, Add	*2.38*	
		For Work In Restricted Working Space, Add	*9.86*	
23 31 13 13-0535	LF	10" x 18", 20 Gauge Galvanized Steel Duct	52.44	21.23
		For Flat Oval, Add	*2.56*	
		For Work In Restricted Working Space, Add	*10.61*	
23 31 13 13-0536	LF	10" x 20", 20 Gauge Galvanized Steel Duct	56.20	22.74
		For Flat Oval, Add	*2.74*	
		For Work In Restricted Working Space, Add	*11.37*	
23 31 13 13-0537	LF	10" x 22", 20 Gauge Galvanized Steel Duct	59.94	24.26
		For Flat Oval, Add	*2.93*	
		For Work In Restricted Working Space, Add	*12.13*	
23 31 13 13-0538	LF	10" x 24", 20 Gauge Galvanized Steel Duct	63.69	25.77
		For Flat Oval, Add	*3.11*	
		For Work In Restricted Working Space, Add	*12.89*	
23 31 13 13-0539	LF	10" x 26", 20 Gauge Galvanized Steel Duct	67.44	27.29
		For Flat Oval, Add	*3.29*	
		For Work In Restricted Working Space, Add	*13.65*	
23 31 13 13-0540	LF	10" x 28", 20 Gauge Galvanized Steel Duct	71.18	28.80
		For Flat Oval, Add	*3.48*	
		For Work In Restricted Working Space, Add	*14.40*	
23 31 13 13-0541	LF	10" x 30", 20 Gauge Galvanized Steel Duct	74.92	30.32
		For Flat Oval, Add	*3.66*	
		For Work In Restricted Working Space, Add	*15.16*	
23 31 13 13-0542	LF	10" x 32", 20 Gauge Galvanized Steel Duct	78.66	31.84
		For Flat Oval, Add	*3.84*	
		For Work In Restricted Working Space, Add	*15.92*	
23 31 13 13-0543	LF	12" x 12", 20 Gauge Galvanized Steel Duct	44.95	18.20
		For Flat Oval, Add	*2.19*	
		For Work In Restricted Working Space, Add	*9.10*	
23 31 13 13-0544	LF	12" x 14", 20 Gauge Galvanized Steel Duct	48.70	19.71
		For Flat Oval, Add	*2.38*	
		For Work In Restricted Working Space, Add	*9.86*	
23 31 13 13-0545	LF	12" x 16", 20 Gauge Galvanized Steel Duct	52.44	21.23
		For Flat Oval, Add	*2.56*	
		For Work In Restricted Working Space, Add	*10.61*	
23 31 13 13-0546	LF	12" x 18", 20 Gauge Galvanized Steel Duct	56.20	22.74
		For Flat Oval, Add	*2.74*	
		For Work In Restricted Working Space, Add	*11.37*	
23 31 13 13-0547	LF	12" x 20", 20 Gauge Galvanized Steel Duct	59.94	24.26
		For Flat Oval, Add	*2.93*	
		For Work In Restricted Working Space, Add	*12.13*	
23 31 13 13-0548	LF	12" x 22", 20 Gauge Galvanized Steel Duct	63.69	25.77
		For Flat Oval, Add	*3.11*	
		For Work In Restricted Working Space, Add	*12.89*	
23 31 13 13-0549	LF	12" x 24", 20 Gauge Galvanized Steel Duct	67.44	27.29
		For Flat Oval, Add	*3.29*	
		For Work In Restricted Working Space, Add	*13.65*	
23 31 13 13-0550	LF	12" x 26", 20 Gauge Galvanized Steel Duct	71.18	28.80
		For Flat Oval, Add	*3.48*	
		For Work In Restricted Working Space, Add	*14.40*	
23 31 13 13-0551	LF	12" x 28", 20 Gauge Galvanized Steel Duct	74.92	30.32
		For Flat Oval, Add	*3.66*	
		For Work In Restricted Working Space, Add	*15.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0552	LF	12" x 30", 20 Gauge Galvanized Steel Duct	78.66	31.84
		For Flat Oval, Add	*3.84*	
		For Work In Restricted Working Space, Add	*15.92*	
23 31 13 13-0553	LF	12" x 32", 20 Gauge Galvanized Steel Duct	82.41	33.35
		For Flat Oval, Add	*4.02*	
		For Work In Restricted Working Space, Add	*16.68*	
23 31 13 13-0554	LF	12" x 34", 20 Gauge Galvanized Steel Duct	86.16	34.87
		For Flat Oval, Add	*4.21*	
		For Work In Restricted Working Space, Add	*17.44*	
23 31 13 13-0555	LF	12" x 36", 20 Gauge Galvanized Steel Duct	89.91	36.38
		For Flat Oval, Add	*4.39*	
		For Work In Restricted Working Space, Add	*18.20*	
23 31 13 13-0556	LF	14" x 14", 20 Gauge Galvanized Steel Duct	52.44	21.23
		For Flat Oval, Add	*2.56*	
		For Work In Restricted Working Space, Add	*10.61*	
23 31 13 13-0557	LF	14" x 16", 20 Gauge Galvanized Steel Duct	56.20	22.74
		For Flat Oval, Add	*2.74*	
		For Work In Restricted Working Space, Add	*11.37*	
23 31 13 13-0558	LF	14" x 18", 20 Gauge Galvanized Steel Duct	59.94	24.26
		For Flat Oval, Add	*2.93*	
		For Work In Restricted Working Space, Add	*12.13*	
23 31 13 13-0559	LF	14" x 20", 20 Gauge Galvanized Steel Duct	63.69	25.77
		For Flat Oval, Add	*3.11*	
		For Work In Restricted Working Space, Add	*12.89*	
23 31 13 13-0560	LF	14" x 22", 20 Gauge Galvanized Steel Duct	67.44	27.29
		For Flat Oval, Add	*3.29*	
		For Work In Restricted Working Space, Add	*13.65*	
23 31 13 13-0561	LF	14" x 24", 20 Gauge Galvanized Steel Duct	71.18	28.80
		For Flat Oval, Add	*3.48*	
		For Work In Restricted Working Space, Add	*14.40*	
23 31 13 13-0562	LF	14" x 26", 20 Gauge Galvanized Steel Duct	74.92	30.32
		For Flat Oval, Add	*3.66*	
		For Work In Restricted Working Space, Add	*15.16*	
23 31 13 13-0563	LF	14" x 28", 20 Gauge Galvanized Steel Duct	78.66	31.84
		For Flat Oval, Add	*3.84*	
		For Work In Restricted Working Space, Add	*15.92*	
23 31 13 13-0564	LF	14" x 30", 20 Gauge Galvanized Steel Duct	82.41	33.35
		For Flat Oval, Add	*4.02*	
		For Work In Restricted Working Space, Add	*16.68*	
23 31 13 13-0565	LF	14" x 32", 20 Gauge Galvanized Steel Duct	86.16	34.87
		For Flat Oval, Add	*4.21*	
		For Work In Restricted Working Space, Add	*17.44*	
23 31 13 13-0566	LF	14" x 34", 20 Gauge Galvanized Steel Duct	89.91	36.38
		For Flat Oval, Add	*4.39*	
		For Work In Restricted Working Space, Add	*18.20*	
23 31 13 13-0567	LF	14" x 36", 20 Gauge Galvanized Steel Duct	93.65	37.91
		For Flat Oval, Add	*4.57*	
		For Work In Restricted Working Space, Add	*18.95*	
23 31 13 13-0568	LF	16" x 16", 20 Gauge Galvanized Steel Duct	59.94	24.26
		For Flat Oval, Add	*2.93*	
		For Work In Restricted Working Space, Add	*12.13*	
23 31 13 13-0569	LF	16" x 18", 20 Gauge Galvanized Steel Duct	63.69	25.77
		For Flat Oval, Add	*3.11*	
		For Work In Restricted Working Space, Add	*12.89*	
23 31 13 13-0570	LF	16" x 20", 20 Gauge Galvanized Steel Duct	67.44	27.29
		For Flat Oval, Add	*3.29*	
		For Work In Restricted Working Space, Add	*13.65*	
23 31 13 13-0571	LF	16" x 22", 20 Gauge Galvanized Steel Duct	71.18	28.80
		For Flat Oval, Add	*3.48*	
		For Work In Restricted Working Space, Add	*14.40*	
23 31 13 13-0572	LF	16" x 24", 20 Gauge Galvanized Steel Duct	74.92	30.32
		For Flat Oval, Add	*3.66*	
		For Work In Restricted Working Space, Add	*15.16*	
23 31 13 13-0573	LF	16" x 26", 20 Gauge Galvanized Steel Duct	78.66	31.84
		For Flat Oval, Add	*3.84*	
		For Work In Restricted Working Space, Add	*15.92*	
23 31 13 13-0574	LF	16" x 28", 20 Gauge Galvanized Steel Duct	82.41	33.35
		For Flat Oval, Add	*4.02*	
		For Work In Restricted Working Space, Add	*16.68*	
23 31 13 13-0575	LF	16" x 30", 20 Gauge Galvanized Steel Duct	86.16	34.87
		For Flat Oval, Add	*4.21*	
		For Work In Restricted Working Space, Add	*17.44*	
23 31 13 13-0576	LF	16" x 32", 20 Gauge Galvanized Steel Duct	89.91	36.38
		For Flat Oval, Add	*4.39*	
		For Work In Restricted Working Space, Add	*18.20*	
23 31 13 13-0577	LF	16" x 34", 20 Gauge Galvanized Steel Duct	93.65	37.91
		For Flat Oval, Add	*4.57*	
		For Work In Restricted Working Space, Add	*18.95*	
23 31 13 13-0578	LF	16" x 36", 20 Gauge Galvanized Steel Duct	97.40	39.42
		For Flat Oval, Add	*4.76*	
		For Work In Restricted Working Space, Add	*19.71*	
23 31 13 13-0579	LF	16" x 38", 20 Gauge Galvanized Steel Duct	101.15	40.94
		For Flat Oval, Add	*4.94*	
		For Work In Restricted Working Space, Add	*20.47*	
23 31 13 13-0580	LF	16" x 40", 20 Gauge Galvanized Steel Duct	104.89	42.45
		For Flat Oval, Add	*5.12*	
		For Work In Restricted Working Space, Add	*21.23*	
23 31 13 13-0581	LF	16" x 42", 20 Gauge Galvanized Steel Duct	108.64	43.96
		For Flat Oval, Add	*5.30*	
		For Work In Restricted Working Space, Add	*21.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0582	LF	16" x 44", 20 Gauge Galvanized Steel Duct	112.38	45.49
		For Flat Oval, Add	*5.49*	
		For Work In Restricted Working Space, Add	*22.74*	
23 31 13 13-0583	LF	18" x 18", 20 Gauge Galvanized Steel Duct	67.44	27.29
		For Flat Oval, Add	*3.29*	
		For Work In Restricted Working Space, Add	*13.65*	
23 31 13 13-0584	LF	18" x 20", 20 Gauge Galvanized Steel Duct	71.18	28.80
		For Flat Oval, Add	*3.48*	
		For Work In Restricted Working Space, Add	*14.40*	
23 31 13 13-0585	LF	18" x 22", 20 Gauge Galvanized Steel Duct	74.92	30.32
		For Flat Oval, Add	*3.66*	
		For Work In Restricted Working Space, Add	*15.16*	
23 31 13 13-0586	LF	18" x 24", 20 Gauge Galvanized Steel Duct	78.66	31.84
		For Flat Oval, Add	*3.84*	
		For Work In Restricted Working Space, Add	*15.92*	
23 31 13 13-0587	LF	18" x 26", 20 Gauge Galvanized Steel Duct	82.41	33.35
		For Flat Oval, Add	*4.02*	
		For Work In Restricted Working Space, Add	*16.68*	
23 31 13 13-0588	LF	18" x 28", 20 Gauge Galvanized Steel Duct	86.16	34.87
		For Flat Oval, Add	*4.21*	
		For Work In Restricted Working Space, Add	*17.44*	
23 31 13 13-0589	LF	18" x 30", 20 Gauge Galvanized Steel Duct	89.91	36.38
		For Flat Oval, Add	*4.39*	
		For Work In Restricted Working Space, Add	*18.20*	
23 31 13 13-0590	LF	18" x 32", 20 Gauge Galvanized Steel Duct	93.65	37.91
		For Flat Oval, Add	*4.57*	
		For Work In Restricted Working Space, Add	*18.95*	
23 31 13 13-0591	LF	18" x 34", 20 Gauge Galvanized Steel Duct	97.40	39.42
		For Flat Oval, Add	*4.76*	
		For Work In Restricted Working Space, Add	*19.71*	
23 31 13 13-0592	LF	18" x 36", 20 Gauge Galvanized Steel Duct	101.15	40.94
		For Flat Oval, Add	*4.94*	
		For Work In Restricted Working Space, Add	*20.47*	
23 31 13 13-0593	LF	18" x 38", 20 Gauge Galvanized Steel Duct	104.89	42.45
		For Flat Oval, Add	*5.12*	
		For Work In Restricted Working Space, Add	*21.23*	
23 31 13 13-0594	LF	18" x 40", 20 Gauge Galvanized Steel Duct	108.64	43.96
		For Flat Oval, Add	*5.30*	
		For Work In Restricted Working Space, Add	*21.98*	
23 31 13 13-0595	LF	18" x 42", 20 Gauge Galvanized Steel Duct	112.38	45.49
		For Flat Oval, Add	*5.49*	
		For Work In Restricted Working Space, Add	*22.74*	
23 31 13 13-0596	LF	18" x 44", 20 Gauge Galvanized Steel Duct	116.13	47.00
		For Flat Oval, Add	*5.67*	
		For Work In Restricted Working Space, Add	*23.50*	
23 31 13 13-0597	LF	18" x 46", 20 Gauge Galvanized Steel Duct	119.88	48.52
		For Flat Oval, Add	*5.85*	
		For Work In Restricted Working Space, Add	*24.26*	
23 31 13 13-0598	LF	20" x 20", 20 Gauge Galvanized Steel Duct	74.92	30.32
		For Flat Oval, Add	*3.66*	
		For Work In Restricted Working Space, Add	*15.16*	
23 31 13 13-0599	LF	20" x 22", 20 Gauge Galvanized Steel Duct	78.66	31.84
		For Flat Oval, Add	*3.84*	
		For Work In Restricted Working Space, Add	*15.92*	
23 31 13 13-0600	LF	20" x 24", 20 Gauge Galvanized Steel Duct	82.41	33.35
		For Flat Oval, Add	*4.02*	
		For Work In Restricted Working Space, Add	*16.68*	
23 31 13 13-0601	LF	20" x 26", 20 Gauge Galvanized Steel Duct	86.16	34.87
		For Flat Oval, Add	*4.21*	
		For Work In Restricted Working Space, Add	*17.44*	
23 31 13 13-0602	LF	20" x 28", 20 Gauge Galvanized Steel Duct	89.91	36.38
		For Flat Oval, Add	*4.39*	
		For Work In Restricted Working Space, Add	*18.20*	
23 31 13 13-0603	LF	20" x 30", 20 Gauge Galvanized Steel Duct	93.65	37.91
		For Flat Oval, Add	*4.57*	
		For Work In Restricted Working Space, Add	*18.95*	
23 31 13 13-0604	LF	20" x 32", 20 Gauge Galvanized Steel Duct	97.40	39.42
		For Flat Oval, Add	*4.76*	
		For Work In Restricted Working Space, Add	*19.71*	
23 31 13 13-0605	LF	20" x 34", 20 Gauge Galvanized Steel Duct	101.15	40.94
		For Flat Oval, Add	*4.94*	
		For Work In Restricted Working Space, Add	*20.47*	
23 31 13 13-0606	LF	20" x 36", 20 Gauge Galvanized Steel Duct	104.89	42.45
		For Flat Oval, Add	*5.12*	
		For Work In Restricted Working Space, Add	*21.23*	
23 31 13 13-0607	LF	20" x 38", 20 Gauge Galvanized Steel Duct	108.64	43.96
		For Flat Oval, Add	*5.30*	
		For Work In Restricted Working Space, Add	*21.98*	
23 31 13 13-0608	LF	20" x 40", 20 Gauge Galvanized Steel Duct	112.38	45.49
		For Flat Oval, Add	*5.49*	
		For Work In Restricted Working Space, Add	*22.74*	
23 31 13 13-0609	LF	20" x 42", 20 Gauge Galvanized Steel Duct	116.13	47.00
		For Flat Oval, Add	*5.67*	
		For Work In Restricted Working Space, Add	*23.50*	
23 31 13 13-0610	LF	20" x 44", 20 Gauge Galvanized Steel Duct	119.88	48.52
		For Flat Oval, Add	*5.85*	
		For Work In Restricted Working Space, Add	*24.26*	
23 31 13 13-0611	LF	20" x 46", 20 Gauge Galvanized Steel Duct	123.61	50.03
		For Flat Oval, Add	*6.03*	
		For Work In Restricted Working Space, Add	*25.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0612	LF	20" x 48", 20 Gauge Galvanized Steel Duct	127.36	51.56
		For Flat Oval, Add	*6.22*	
		For Work In Restricted Working Space, Add	*25.77*	
23 31 13 13-0613	LF	22" x 22", 20 Gauge Galvanized Steel Duct	82.41	33.35
		For Flat Oval, Add	*4.02*	
		For Work In Restricted Working Space, Add	*16.68*	
23 31 13 13-0614	LF	22" x 24", 20 Gauge Galvanized Steel Duct	86.16	34.87
		For Flat Oval, Add	*4.21*	
		For Work In Restricted Working Space, Add	*17.44*	
23 31 13 13-0615	LF	22" x 26", 20 Gauge Galvanized Steel Duct	89.91	36.38
		For Flat Oval, Add	*4.39*	
		For Work In Restricted Working Space, Add	*18.20*	
23 31 13 13-0616	LF	22" x 28", 20 Gauge Galvanized Steel Duct	93.65	37.91
		For Flat Oval, Add	*4.57*	
		For Work In Restricted Working Space, Add	*18.95*	
23 31 13 13-0617	LF	22" x 30", 20 Gauge Galvanized Steel Duct	97.40	39.42
		For Flat Oval, Add	*4.76*	
		For Work In Restricted Working Space, Add	*19.71*	
23 31 13 13-0618	LF	22" x 32", 20 Gauge Galvanized Steel Duct	101.15	40.94
		For Flat Oval, Add	*4.94*	
		For Work In Restricted Working Space, Add	*20.47*	
23 31 13 13-0619	LF	22" x 34", 20 Gauge Galvanized Steel Duct	104.89	42.45
		For Flat Oval, Add	*5.12*	
		For Work In Restricted Working Space, Add	*21.23*	
23 31 13 13-0620	LF	22" x 36", 20 Gauge Galvanized Steel Duct	108.64	43.96
		For Flat Oval, Add	*5.30*	
		For Work In Restricted Working Space, Add	*21.98*	
23 31 13 13-0621	LF	22" x 38", 20 Gauge Galvanized Steel Duct	112.38	45.49
		For Flat Oval, Add	*5.49*	
		For Work In Restricted Working Space, Add	*22.74*	
23 31 13 13-0622	LF	22" x 40", 20 Gauge Galvanized Steel Duct	116.13	47.00
		For Flat Oval, Add	*5.67*	
		For Work In Restricted Working Space, Add	*23.50*	
23 31 13 13-0623	LF	22" x 42", 20 Gauge Galvanized Steel Duct	119.88	48.52
		For Flat Oval, Add	*5.85*	
		For Work In Restricted Working Space, Add	*24.26*	
23 31 13 13-0624	LF	22" x 44", 20 Gauge Galvanized Steel Duct	123.61	50.03
		For Flat Oval, Add	*6.03*	
		For Work In Restricted Working Space, Add	*25.01*	
23 31 13 13-0625	LF	22" x 46", 20 Gauge Galvanized Steel Duct	127.36	51.56
		For Flat Oval, Add	*6.22*	
		For Work In Restricted Working Space, Add	*25.77*	
23 31 13 13-0626	LF	22" x 48", 20 Gauge Galvanized Steel Duct	131.10	53.06
		For Flat Oval, Add	*6.40*	
		For Work In Restricted Working Space, Add	*26.53*	
23 31 13 13-0627	LF	24" x 24", 20 Gauge Galvanized Steel Duct	89.91	36.38
		For Flat Oval, Add	*4.39*	
		For Work In Restricted Working Space, Add	*18.20*	
23 31 13 13-0628	LF	24" x 26", 20 Gauge Galvanized Steel Duct	93.65	37.91
		For Flat Oval, Add	*4.57*	
		For Work In Restricted Working Space, Add	*18.95*	
23 31 13 13-0629	LF	24" x 28", 20 Gauge Galvanized Steel Duct	97.40	39.42
		For Flat Oval, Add	*4.76*	
		For Work In Restricted Working Space, Add	*19.71*	
23 31 13 13-0630	LF	24" x 30", 20 Gauge Galvanized Steel Duct	101.15	40.94
		For Flat Oval, Add	*4.94*	
		For Work In Restricted Working Space, Add	*20.47*	
23 31 13 13-0631	LF	24" x 32", 20 Gauge Galvanized Steel Duct	104.89	42.45
		For Flat Oval, Add	*5.12*	
		For Work In Restricted Working Space, Add	*21.23*	
23 31 13 13-0632	LF	24" x 34", 20 Gauge Galvanized Steel Duct	108.64	43.96
		For Flat Oval, Add	*5.30*	
		For Work In Restricted Working Space, Add	*21.98*	
23 31 13 13-0633	LF	24" x 36", 20 Gauge Galvanized Steel Duct	112.38	45.49
		For Flat Oval, Add	*5.49*	
		For Work In Restricted Working Space, Add	*22.74*	
23 31 13 13-0634	LF	24" x 38", 20 Gauge Galvanized Steel Duct	116.13	47.00
		For Flat Oval, Add	*5.67*	
		For Work In Restricted Working Space, Add	*23.50*	
23 31 13 13-0635	LF	24" x 40", 20 Gauge Galvanized Steel Duct	119.88	48.52
		For Flat Oval, Add	*5.85*	
		For Work In Restricted Working Space, Add	*24.26*	
23 31 13 13-0636	LF	24" x 42", 20 Gauge Galvanized Steel Duct	123.61	50.03
		For Flat Oval, Add	*6.03*	
		For Work In Restricted Working Space, Add	*25.01*	
23 31 13 13-0637	LF	24" x 44", 20 Gauge Galvanized Steel Duct	127.36	51.56
		For Flat Oval, Add	*6.22*	
		For Work In Restricted Working Space, Add	*25.77*	
23 31 13 13-0638	LF	24" x 46", 20 Gauge Galvanized Steel Duct	131.10	53.06
		For Flat Oval, Add	*6.40*	
		For Work In Restricted Working Space, Add	*26.53*	
23 31 13 13-0639	LF	24" x 48", 20 Gauge Galvanized Steel Duct	134.85	54.58
		For Flat Oval, Add	*6.58*	
		For Work In Restricted Working Space, Add	*27.29*	
23 31 13 13-0640	LF	26" x 26", 20 Gauge Galvanized Steel Duct	97.40	39.42
		For Flat Oval, Add	*4.76*	
		For Work In Restricted Working Space, Add	*19.71*	
23 31 13 13-0641	LF	26" x 28", 20 Gauge Galvanized Steel Duct	101.15	40.94
		For Flat Oval, Add	*4.94*	
		For Work In Restricted Working Space, Add	*20.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0642	LF	26" x 30", 20 Gauge Galvanized Steel Duct	104.89	42.45
		For Flat Oval, Add	*5.12*	
		For Work In Restricted Working Space, Add	*21.23*	
23 31 13 13-0643	LF	26" x 32", 20 Gauge Galvanized Steel Duct	108.64	43.96
		For Flat Oval, Add	*5.30*	
		For Work In Restricted Working Space, Add	*21.98*	
23 31 13 13-0644	LF	26" x 34", 20 Gauge Galvanized Steel Duct	112.38	45.49
		For Flat Oval, Add	*5.49*	
		For Work In Restricted Working Space, Add	*22.74*	
23 31 13 13-0645	LF	26" x 36", 20 Gauge Galvanized Steel Duct	116.13	47.00
		For Flat Oval, Add	*5.67*	
		For Work In Restricted Working Space, Add	*23.50*	
23 31 13 13-0646	LF	26" x 38", 20 Gauge Galvanized Steel Duct	119.88	48.52
		For Flat Oval, Add	*5.85*	
		For Work In Restricted Working Space, Add	*24.26*	
23 31 13 13-0647	LF	26" x 40", 20 Gauge Galvanized Steel Duct	123.61	50.03
		For Flat Oval, Add	*6.03*	
		For Work In Restricted Working Space, Add	*25.01*	
23 31 13 13-0648	LF	26" x 42", 20 Gauge Galvanized Steel Duct	127.36	51.56
		For Flat Oval, Add	*6.22*	
		For Work In Restricted Working Space, Add	*25.77*	
23 31 13 13-0649	LF	26" x 44", 20 Gauge Galvanized Steel Duct	131.10	53.06
		For Flat Oval, Add	*6.40*	
		For Work In Restricted Working Space, Add	*26.53*	
23 31 13 13-0650	LF	26" x 46", 20 Gauge Galvanized Steel Duct	134.85	54.58
		For Flat Oval, Add	*6.58*	
		For Work In Restricted Working Space, Add	*27.29*	
23 31 13 13-0651	LF	26" x 48", 20 Gauge Galvanized Steel Duct	138.60	56.09
		For Flat Oval, Add	*6.77*	
		For Work In Restricted Working Space, Add	*28.05*	
23 31 13 13-0652	LF	28" x 28", 20 Gauge Galvanized Steel Duct	104.89	42.45
		For Flat Oval, Add	*5.12*	
		For Work In Restricted Working Space, Add	*21.23*	
23 31 13 13-0653	LF	28" x 30", 20 Gauge Galvanized Steel Duct	108.64	43.96
		For Flat Oval, Add	*5.30*	
		For Work In Restricted Working Space, Add	*21.98*	
23 31 13 13-0654	LF	28" x 32", 20 Gauge Galvanized Steel Duct	112.38	45.49
		For Flat Oval, Add	*5.49*	
		For Work In Restricted Working Space, Add	*22.74*	
23 31 13 13-0655	LF	28" x 34", 20 Gauge Galvanized Steel Duct	116.13	47.00
		For Flat Oval, Add	*5.67*	
		For Work In Restricted Working Space, Add	*23.50*	
23 31 13 13-0656	LF	28" x 36", 20 Gauge Galvanized Steel Duct	119.88	48.52
		For Flat Oval, Add	*5.85*	
		For Work In Restricted Working Space, Add	*24.26*	
23 31 13 13-0657	LF	28" x 38", 20 Gauge Galvanized Steel Duct	123.61	50.03
		For Flat Oval, Add	*6.03*	
		For Work In Restricted Working Space, Add	*25.01*	
23 31 13 13-0658	LF	28" x 40", 20 Gauge Galvanized Steel Duct	127.36	51.56
		For Flat Oval, Add	*6.22*	
		For Work In Restricted Working Space, Add	*25.77*	
23 31 13 13-0659	LF	28" x 42", 20 Gauge Galvanized Steel Duct	131.10	53.06
		For Flat Oval, Add	*6.40*	
		For Work In Restricted Working Space, Add	*26.53*	
23 31 13 13-0660	LF	28" x 44", 20 Gauge Galvanized Steel Duct	134.85	54.58
		For Flat Oval, Add	*6.58*	
		For Work In Restricted Working Space, Add	*27.29*	
23 31 13 13-0661	LF	28" x 46", 20 Gauge Galvanized Steel Duct	138.60	56.09
		For Flat Oval, Add	*6.77*	
		For Work In Restricted Working Space, Add	*28.05*	
23 31 13 13-0662	LF	28" x 48", 20 Gauge Galvanized Steel Duct	142.35	57.61
		For Flat Oval, Add	*6.95*	
		For Work In Restricted Working Space, Add	*28.81*	
23 31 13 13-0663	LF	30" x 30", 20 Gauge Galvanized Steel Duct	112.38	45.49
		For Flat Oval, Add	*5.49*	
		For Work In Restricted Working Space, Add	*22.74*	
23 31 13 13-0664	LF	30" x 32", 20 Gauge Galvanized Steel Duct	116.13	47.00
		For Flat Oval, Add	*5.67*	
		For Work In Restricted Working Space, Add	*23.50*	
23 31 13 13-0665	LF	30" x 34", 20 Gauge Galvanized Steel Duct	119.88	48.52
		For Flat Oval, Add	*5.85*	
		For Work In Restricted Working Space, Add	*24.26*	
23 31 13 13-0666	LF	30" x 36", 20 Gauge Galvanized Steel Duct	123.61	50.03
		For Flat Oval, Add	*6.03*	
		For Work In Restricted Working Space, Add	*25.01*	
23 31 13 13-0667	LF	30" x 38", 20 Gauge Galvanized Steel Duct	127.36	51.56
		For Flat Oval, Add	*6.22*	
		For Work In Restricted Working Space, Add	*25.77*	
23 31 13 13-0668	LF	30" x 40", 20 Gauge Galvanized Steel Duct	131.10	53.06
		For Flat Oval, Add	*6.40*	
		For Work In Restricted Working Space, Add	*26.53*	
23 31 13 13-0669	LF	30" x 42", 20 Gauge Galvanized Steel Duct	134.85	54.58
		For Flat Oval, Add	*6.58*	
		For Work In Restricted Working Space, Add	*27.29*	
23 31 13 13-0670	LF	30" x 44", 20 Gauge Galvanized Steel Duct	138.60	56.09
		For Flat Oval, Add	*6.77*	
		For Work In Restricted Working Space, Add	*28.05*	
23 31 13 13-0671	LF	30" x 46", 20 Gauge Galvanized Steel Duct	142.35	57.61
		For Flat Oval, Add	*6.95*	
		For Work In Restricted Working Space, Add	*28.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0672	LF	30" x 48", 20 Gauge Galvanized Steel Duct	146.10	59.13
		For Flat Oval, Add	*7.13*	
		For Work In Restricted Working Space, Add	*29.57*	
23 31 13 13-0673	LF	32" x 32", 20 Gauge Galvanized Steel Duct	119.88	48.52
		For Flat Oval, Add	*5.85*	
		For Work In Restricted Working Space, Add	*24.26*	
23 31 13 13-0674	LF	32" x 34", 20 Gauge Galvanized Steel Duct	123.61	50.03
		For Flat Oval, Add	*6.03*	
		For Work In Restricted Working Space, Add	*25.01*	
23 31 13 13-0675	LF	32" x 36", 20 Gauge Galvanized Steel Duct	127.36	51.56
		For Flat Oval, Add	*6.22*	
		For Work In Restricted Working Space, Add	*25.77*	
23 31 13 13-0676	LF	32" x 38", 20 Gauge Galvanized Steel Duct	131.10	53.06
		For Flat Oval, Add	*6.40*	
		For Work In Restricted Working Space, Add	*26.53*	
23 31 13 13-0677	LF	32" x 40", 20 Gauge Galvanized Steel Duct	134.85	54.58
		For Flat Oval, Add	*6.58*	
		For Work In Restricted Working Space, Add	*27.29*	
23 31 13 13-0678	LF	32" x 42", 20 Gauge Galvanized Steel Duct	138.60	56.09
		For Flat Oval, Add	*6.77*	
		For Work In Restricted Working Space, Add	*28.05*	
23 31 13 13-0679	LF	32" x 44", 20 Gauge Galvanized Steel Duct	142.35	57.61
		For Flat Oval, Add	*6.95*	
		For Work In Restricted Working Space, Add	*28.81*	
23 31 13 13-0680	LF	32" x 46", 20 Gauge Galvanized Steel Duct	146.10	59.13
		For Flat Oval, Add	*7.13*	
		For Work In Restricted Working Space, Add	*29.57*	
23 31 13 13-0681	LF	32" x 48", 20 Gauge Galvanized Steel Duct	149.84	60.65
		For Flat Oval, Add	*7.32*	
		For Work In Restricted Working Space, Add	*30.32*	
23 31 13 13-0682	LF	34" x 34", 20 Gauge Galvanized Steel Duct	127.36	51.56
		For Flat Oval, Add	*6.22*	
		For Work In Restricted Working Space, Add	*25.77*	
23 31 13 13-0683	LF	34" x 36", 20 Gauge Galvanized Steel Duct	131.10	53.06
		For Flat Oval, Add	*6.40*	
		For Work In Restricted Working Space, Add	*26.53*	
23 31 13 13-0684	LF	34" x 38", 20 Gauge Galvanized Steel Duct	134.85	54.58
		For Flat Oval, Add	*6.58*	
		For Work In Restricted Working Space, Add	*27.29*	
23 31 13 13-0685	LF	34" x 40", 20 Gauge Galvanized Steel Duct	138.60	56.09
		For Flat Oval, Add	*6.77*	
		For Work In Restricted Working Space, Add	*28.05*	
23 31 13 13-0686	LF	34" x 42", 20 Gauge Galvanized Steel Duct	142.35	57.61
		For Flat Oval, Add	*6.95*	
		For Work In Restricted Working Space, Add	*28.81*	
23 31 13 13-0687	LF	34" x 44", 20 Gauge Galvanized Steel Duct	146.10	59.13
		For Flat Oval, Add	*7.13*	
		For Work In Restricted Working Space, Add	*29.57*	
23 31 13 13-0688	LF	34" x 46", 20 Gauge Galvanized Steel Duct	149.84	60.65
		For Flat Oval, Add	*7.32*	
		For Work In Restricted Working Space, Add	*30.32*	
23 31 13 13-0689	LF	34" x 48", 20 Gauge Galvanized Steel Duct	153.59	62.16
		For Flat Oval, Add	*7.50*	
		For Work In Restricted Working Space, Add	*31.08*	
23 31 13 13-0690	LF	36" x 36", 20 Gauge Galvanized Steel Duct	134.85	54.58
		For Flat Oval, Add	*6.58*	
		For Work In Restricted Working Space, Add	*27.29*	
23 31 13 13-0691	LF	36" x 38", 20 Gauge Galvanized Steel Duct	138.60	56.09
		For Flat Oval, Add	*6.77*	
		For Work In Restricted Working Space, Add	*28.05*	
23 31 13 13-0692	LF	36" x 40", 20 Gauge Galvanized Steel Duct	142.35	57.61
		For Flat Oval, Add	*6.95*	
		For Work In Restricted Working Space, Add	*28.81*	
23 31 13 13-0693	LF	36" x 42", 20 Gauge Galvanized Steel Duct	146.10	59.13
		For Flat Oval, Add	*7.13*	
		For Work In Restricted Working Space, Add	*29.57*	
23 31 13 13-0694	LF	36" x 44", 20 Gauge Galvanized Steel Duct	149.84	60.65
		For Flat Oval, Add	*7.32*	
		For Work In Restricted Working Space, Add	*30.32*	
23 31 13 13-0695	LF	36" x 46", 20 Gauge Galvanized Steel Duct	153.59	62.16
		For Flat Oval, Add	*7.50*	
		For Work In Restricted Working Space, Add	*31.08*	
23 31 13 13-0696	LF	36" x 48", 20 Gauge Galvanized Steel Duct	157.34	63.67
		For Flat Oval, Add	*7.68*	
		For Work In Restricted Working Space, Add	*31.84*	
23 31 13 13-0697	LF	38" x 38", 20 Gauge Galvanized Steel Duct	142.35	57.61
		For Flat Oval, Add	*6.95*	
		For Work In Restricted Working Space, Add	*28.81*	
23 31 13 13-0698	LF	38" x 40", 20 Gauge Galvanized Steel Duct	146.10	59.13
		For Flat Oval, Add	*7.13*	
		For Work In Restricted Working Space, Add	*29.57*	
23 31 13 13-0699	LF	38" x 42", 20 Gauge Galvanized Steel Duct	149.84	60.65
		For Flat Oval, Add	*7.32*	
		For Work In Restricted Working Space, Add	*30.32*	
23 31 13 13-0700	LF	38" x 44", 20 Gauge Galvanized Steel Duct	153.59	62.16
		For Flat Oval, Add	*7.50*	
		For Work In Restricted Working Space, Add	*31.08*	
23 31 13 13-0701	LF	38" x 46", 20 Gauge Galvanized Steel Duct	157.34	63.67
		For Flat Oval, Add	*7.68*	
		For Work In Restricted Working Space, Add	*31.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0702	LF	38" x 48", 20 Gauge Galvanized Steel Duct	161.09	65.20
		For Flat Oval, Add	*7.86*	
		For Work In Restricted Working Space, Add	*32.60*	
23 31 13 13-0703	LF	38" x 50", 20 Gauge Galvanized Steel Duct	164.84	66.71
		For Flat Oval, Add	*8.05*	
		For Work In Restricted Working Space, Add	*33.36*	
23 31 13 13-0704	LF	40" x 40", 20 Gauge Galvanized Steel Duct	149.84	60.65
		For Flat Oval, Add	*7.32*	
		For Work In Restricted Working Space, Add	*30.32*	
23 31 13 13-0705	LF	40" x 42", 20 Gauge Galvanized Steel Duct	153.59	62.16
		For Flat Oval, Add	*7.50*	
		For Work In Restricted Working Space, Add	*31.08*	
23 31 13 13-0706	LF	40" x 44", 20 Gauge Galvanized Steel Duct	157.34	63.67
		For Flat Oval, Add	*7.68*	
		For Work In Restricted Working Space, Add	*31.84*	
23 31 13 13-0707	LF	40" x 46", 20 Gauge Galvanized Steel Duct	161.09	65.20
		For Flat Oval, Add	*7.86*	
		For Work In Restricted Working Space, Add	*32.60*	
23 31 13 13-0708	LF	40" x 48", 20 Gauge Galvanized Steel Duct	164.84	66.71
		For Flat Oval, Add	*8.05*	
		For Work In Restricted Working Space, Add	*33.36*	
23 31 13 13-0709	LF	40" x 50", 20 Gauge Galvanized Steel Duct	168.58	68.23
		For Flat Oval, Add	*8.23*	
		For Work In Restricted Working Space, Add	*34.11*	
23 31 13 13-0710	LF	40" x 52", 20 Gauge Galvanized Steel Duct	172.32	69.74
		For Flat Oval, Add	*8.41*	
		For Work In Restricted Working Space, Add	*34.87*	
23 31 13 13-0711	LF	40" x 54", 20 Gauge Galvanized Steel Duct	176.06	71.26
		For Flat Oval, Add	*8.60*	
		For Work In Restricted Working Space, Add	*35.63*	
23 31 13 13-0712	LF	40" x 56", 20 Gauge Galvanized Steel Duct	179.81	72.77
		For Flat Oval, Add	*8.78*	
		For Work In Restricted Working Space, Add	*36.39*	
23 31 13 13-0713	LF	42" x 42", 20 Gauge Galvanized Steel Duct	157.34	63.67
		For Flat Oval, Add	*7.68*	
		For Work In Restricted Working Space, Add	*31.84*	
23 31 13 13-0714	LF	42" x 44", 20 Gauge Galvanized Steel Duct	161.09	65.20
		For Flat Oval, Add	*7.86*	
		For Work In Restricted Working Space, Add	*32.60*	
23 31 13 13-0715	LF	42" x 46", 20 Gauge Galvanized Steel Duct	164.84	66.71
		For Flat Oval, Add	*8.05*	
		For Work In Restricted Working Space, Add	*33.36*	
23 31 13 13-0716	LF	42" x 48", 20 Gauge Galvanized Steel Duct	168.58	68.23
		For Flat Oval, Add	*8.23*	
		For Work In Restricted Working Space, Add	*34.11*	
23 31 13 13-0717	LF	42" x 50", 20 Gauge Galvanized Steel Duct	172.32	69.74
		For Flat Oval, Add	*8.41*	
		For Work In Restricted Working Space, Add	*34.87*	
23 31 13 13-0718	LF	42" x 52", 20 Gauge Galvanized Steel Duct	176.06	71.26
		For Flat Oval, Add	*8.60*	
		For Work In Restricted Working Space, Add	*35.63*	
23 31 13 13-0719	LF	42" x 54", 20 Gauge Galvanized Steel Duct	179.81	72.77
		For Flat Oval, Add	*8.78*	
		For Work In Restricted Working Space, Add	*36.39*	
23 31 13 13-0720	LF	42" x 56", 20 Gauge Galvanized Steel Duct	183.56	74.29
		For Flat Oval, Add	*8.96*	
		For Work In Restricted Working Space, Add	*37.15*	
23 31 13 13-0721	LF	44" x 44", 20 Gauge Galvanized Steel Duct	164.84	66.71
		For Flat Oval, Add	*8.05*	
		For Work In Restricted Working Space, Add	*33.36*	
23 31 13 13-0722	LF	44" x 46", 20 Gauge Galvanized Steel Duct	168.58	68.23
		For Flat Oval, Add	*8.23*	
		For Work In Restricted Working Space, Add	*34.11*	
23 31 13 13-0723	LF	44" x 48", 20 Gauge Galvanized Steel Duct	172.32	69.74
		For Flat Oval, Add	*8.41*	
		For Work In Restricted Working Space, Add	*34.87*	
23 31 13 13-0724	LF	44" x 50", 20 Gauge Galvanized Steel Duct	176.06	71.26
		For Flat Oval, Add	*8.60*	
		For Work In Restricted Working Space, Add	*35.63*	
23 31 13 13-0725	LF	44" x 52", 20 Gauge Galvanized Steel Duct	179.81	72.77
		For Flat Oval, Add	*8.78*	
		For Work In Restricted Working Space, Add	*36.39*	
23 31 13 13-0726	LF	44" x 54", 20 Gauge Galvanized Steel Duct	183.56	74.29
		For Flat Oval, Add	*8.96*	
		For Work In Restricted Working Space, Add	*37.15*	
23 31 13 13-0727	LF	44" x 56", 20 Gauge Galvanized Steel Duct	187.30	75.80
		For Flat Oval, Add	*9.14*	
		For Work In Restricted Working Space, Add	*37.90*	
23 31 13 13-0728	LF	46" x 46", 20 Gauge Galvanized Steel Duct	172.32	69.74
		For Flat Oval, Add	*8.41*	
		For Work In Restricted Working Space, Add	*34.87*	
23 31 13 13-0729	LF	46" x 48", 20 Gauge Galvanized Steel Duct	176.06	71.26
		For Flat Oval, Add	*8.60*	
		For Work In Restricted Working Space, Add	*35.63*	
23 31 13 13-0730	LF	46" x 50", 20 Gauge Galvanized Steel Duct	179.81	72.77
		For Flat Oval, Add	*8.78*	
		For Work In Restricted Working Space, Add	*36.39*	
23 31 13 13-0731	LF	46" x 52", 20 Gauge Galvanized Steel Duct	183.56	74.29
		For Flat Oval, Add	*8.96*	
		For Work In Restricted Working Space, Add	*37.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0732	LF	46" x 54", 20 Gauge Galvanized Steel Duct	187.30	75.80
		For Flat Oval, Add	*9.14*	
		For Work In Restricted Working Space, Add	*37.90*	
23 31 13 13-0733	LF	46" x 56", 20 Gauge Galvanized Steel Duct	191.05	77.32
		For Flat Oval, Add	*9.33*	
		For Work In Restricted Working Space, Add	*38.66*	
23 31 13 13-0734	LF	46" x 58", 20 Gauge Galvanized Steel Duct	194.80	78.84
		For Flat Oval, Add	*9.51*	
		For Work In Restricted Working Space, Add	*39.42*	
23 31 13 13-0735	LF	48" x 48", 20 Gauge Galvanized Steel Duct	179.81	72.77
		For Flat Oval, Add	*8.78*	
		For Work In Restricted Working Space, Add	*36.39*	
23 31 13 13-0736	LF	48" x 50", 20 Gauge Galvanized Steel Duct	183.56	74.29
		For Flat Oval, Add	*8.96*	
		For Work In Restricted Working Space, Add	*37.15*	
23 31 13 13-0737	LF	48" x 52", 20 Gauge Galvanized Steel Duct	187.30	75.80
		For Flat Oval, Add	*9.14*	
		For Work In Restricted Working Space, Add	*37.90*	
23 31 13 13-0738	LF	48" x 54", 20 Gauge Galvanized Steel Duct	191.05	77.32
		For Flat Oval, Add	*9.33*	
		For Work In Restricted Working Space, Add	*38.66*	
23 31 13 13-0739	LF	48" x 56", 20 Gauge Galvanized Steel Duct	194.80	78.84
		For Flat Oval, Add	*9.51*	
		For Work In Restricted Working Space, Add	*39.42*	
23 31 13 13-0740	LF	48" x 58", 20 Gauge Galvanized Steel Duct	198.55	80.36
		For Flat Oval, Add	*9.69*	
		For Work In Restricted Working Space, Add	*40.18*	
23 31 13 13-0741	LF	48" x 60", 20 Gauge Galvanized Steel Duct	202.29	81.87
		For Flat Oval, Add	*9.88*	
		For Work In Restricted Working Space, Add	*40.94*	
23 31 13 13-0742	LF	50" x 50", 20 Gauge Galvanized Steel Duct	187.30	75.80
		For Flat Oval, Add	*9.14*	
		For Work In Restricted Working Space, Add	*37.90*	
23 31 13 13-0743	LF	50" x 52", 20 Gauge Galvanized Steel Duct	191.05	77.32
		For Flat Oval, Add	*9.33*	
		For Work In Restricted Working Space, Add	*38.66*	
23 31 13 13-0744	LF	50" x 54", 20 Gauge Galvanized Steel Duct	194.80	78.84
		For Flat Oval, Add	*9.51*	
		For Work In Restricted Working Space, Add	*39.42*	
23 31 13 13-0745	LF	50" x 56", 20 Gauge Galvanized Steel Duct	198.55	80.36
		For Flat Oval, Add	*9.69*	
		For Work In Restricted Working Space, Add	*40.18*	
23 31 13 13-0746	LF	50" x 58", 20 Gauge Galvanized Steel Duct	202.29	81.87
		For Flat Oval, Add	*9.88*	
		For Work In Restricted Working Space, Add	*40.94*	
23 31 13 13-0747	LF	50" x 60", 20 Gauge Galvanized Steel Duct	206.04	83.38
		For Flat Oval, Add	*10.06*	
		For Work In Restricted Working Space, Add	*41.69*	
23 31 13 13-0748	LF	52" x 52", 20 Gauge Galvanized Steel Duct	194.80	78.84
		For Flat Oval, Add	*9.51*	
		For Work In Restricted Working Space, Add	*39.42*	
23 31 13 13-0749	LF	52" x 54", 20 Gauge Galvanized Steel Duct	198.55	80.36
		For Flat Oval, Add	*9.69*	
		For Work In Restricted Working Space, Add	*40.18*	
23 31 13 13-0750	LF	52" x 56", 20 Gauge Galvanized Steel Duct	202.29	81.87
		For Flat Oval, Add	*9.88*	
		For Work In Restricted Working Space, Add	*40.94*	
23 31 13 13-0751	LF	52" x 58", 20 Gauge Galvanized Steel Duct	206.04	83.38
		For Flat Oval, Add	*10.06*	
		For Work In Restricted Working Space, Add	*41.69*	
23 31 13 13-0752	LF	52" x 60", 20 Gauge Galvanized Steel Duct	209.79	84.90
		For Flat Oval, Add	*10.24*	
		For Work In Restricted Working Space, Add	*42.45*	
23 31 13 13-0753	LF	54" x 54", 20 Gauge Galvanized Steel Duct	202.29	81.87
		For Flat Oval, Add	*9.88*	
		For Work In Restricted Working Space, Add	*40.94*	
23 31 13 13-0754	LF	54" x 56", 20 Gauge Galvanized Steel Duct	206.04	83.38
		For Flat Oval, Add	*10.06*	
		For Work In Restricted Working Space, Add	*41.69*	
23 31 13 13-0755	LF	54" x 58", 20 Gauge Galvanized Steel Duct	209.79	84.90
		For Flat Oval, Add	*10.24*	
		For Work In Restricted Working Space, Add	*42.45*	
23 31 13 13-0756	LF	54" x 60", 20 Gauge Galvanized Steel Duct	213.53	86.42
		For Flat Oval, Add	*10.43*	
		For Work In Restricted Working Space, Add	*43.21*	
23 31 13 13-0757	LF	54" x 62", 20 Gauge Galvanized Steel Duct	217.28	87.94
		For Flat Oval, Add	*10.61*	
		For Work In Restricted Working Space, Add	*43.97*	
23 31 13 13-0758	LF	54" x 64", 20 Gauge Galvanized Steel Duct	221.01	89.45
		For Flat Oval, Add	*10.79*	
		For Work In Restricted Working Space, Add	*44.72*	
23 31 13 13-0759	LF	56" x 56", 20 Gauge Galvanized Steel Duct	209.79	84.90
		For Flat Oval, Add	*10.24*	
		For Work In Restricted Working Space, Add	*42.45*	
23 31 13 13-0760	LF	56" x 58", 20 Gauge Galvanized Steel Duct	213.53	86.42
		For Flat Oval, Add	*10.43*	
		For Work In Restricted Working Space, Add	*43.21*	
23 31 13 13-0761	LF	56" x 60", 20 Gauge Galvanized Steel Duct	217.28	87.94
		For Flat Oval, Add	*10.61*	
		For Work In Restricted Working Space, Add	*43.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0762	LF	56" x 62", 20 Gauge Galvanized Steel Duct	221.01	89.45
		For Flat Oval, Add	*10.79*	
		For Work In Restricted Working Space, Add	*44.72*	
23 31 13 13-0763	LF	56" x 64", 20 Gauge Galvanized Steel Duct	224.76	90.96
		For Flat Oval, Add	*10.97*	
		For Work In Restricted Working Space, Add	*45.48*	
23 31 13 13-0764	LF	58" x 58", 20 Gauge Galvanized Steel Duct	217.28	87.94
		For Flat Oval, Add	*10.61*	
		For Work In Restricted Working Space, Add	*43.97*	
23 31 13 13-0765	LF	58" x 60", 20 Gauge Galvanized Steel Duct	221.01	89.45
		For Flat Oval, Add	*10.79*	
		For Work In Restricted Working Space, Add	*44.72*	
23 31 13 13-0766	LF	58" x 62", 20 Gauge Galvanized Steel Duct	224.76	90.96
		For Flat Oval, Add	*10.97*	
		For Work In Restricted Working Space, Add	*45.48*	
23 31 13 13-0767	LF	58" x 64", 20 Gauge Galvanized Steel Duct	228.51	92.48
		For Flat Oval, Add	*11.16*	
		For Work In Restricted Working Space, Add	*46.24*	
23 31 13 13-0768	LF	58" x 66", 20 Gauge Galvanized Steel Duct	232.25	94.00
		For Flat Oval, Add	*11.34*	
		For Work In Restricted Working Space, Add	*47.00*	
23 31 13 13-0769	LF	60" x 60", 20 Gauge Galvanized Steel Duct	224.76	90.96
		For Flat Oval, Add	*10.97*	
		For Work In Restricted Working Space, Add	*45.48*	
23 31 13 13-0770	LF	60" x 62", 20 Gauge Galvanized Steel Duct	228.51	92.48
		For Flat Oval, Add	*11.16*	
		For Work In Restricted Working Space, Add	*46.24*	
23 31 13 13-0771	LF	60" x 64", 20 Gauge Galvanized Steel Duct	232.25	94.00
		For Flat Oval, Add	*11.34*	
		For Work In Restricted Working Space, Add	*47.00*	
23 31 13 13-0772	LF	60" x 66", 20 Gauge Galvanized Steel Duct	236.00	95.52
		For Flat Oval, Add	*11.52*	
		For Work In Restricted Working Space, Add	*47.76*	
23 31 13 13-0773	LF	60" x 68", 20 Gauge Galvanized Steel Duct	239.74	97.03
		For Flat Oval, Add	*11.70*	
		For Work In Restricted Working Space, Add	*48.51*	
23 31 13 13-0774	LF	62" x 62", 20 Gauge Galvanized Steel Duct	232.25	94.00
		For Flat Oval, Add	*11.34*	
		For Work In Restricted Working Space, Add	*47.00*	
23 31 13 13-0775	LF	62" x 64", 20 Gauge Galvanized Steel Duct	236.00	95.52
		For Flat Oval, Add	*11.52*	
		For Work In Restricted Working Space, Add	*47.76*	
23 31 13 13-0776	LF	62" x 66", 20 Gauge Galvanized Steel Duct	239.74	97.03
		For Flat Oval, Add	*11.70*	
		For Work In Restricted Working Space, Add	*48.51*	
23 31 13 13-0777	LF	62" x 68", 20 Gauge Galvanized Steel Duct	243.49	98.55
		For Flat Oval, Add	*11.89*	
		For Work In Restricted Working Space, Add	*49.27*	
23 31 13 13-0778	LF	62" x 70", 20 Gauge Galvanized Steel Duct	247.24	100.06
		For Flat Oval, Add	*12.07*	
		For Work In Restricted Working Space, Add	*50.03*	
23 31 13 13-0779	LF	64" x 64", 20 Gauge Galvanized Steel Duct	239.74	97.03
		For Flat Oval, Add	*11.70*	
		For Work In Restricted Working Space, Add	*48.51*	
23 31 13 13-0780	LF	64" x 66", 20 Gauge Galvanized Steel Duct	243.49	98.55
		For Flat Oval, Add	*11.89*	
		For Work In Restricted Working Space, Add	*49.27*	
23 31 13 13-0781	LF	64" x 68", 20 Gauge Galvanized Steel Duct	247.24	100.06
		For Flat Oval, Add	*12.07*	
		For Work In Restricted Working Space, Add	*50.03*	
23 31 13 13-0782	LF	64" x 70", 20 Gauge Galvanized Steel Duct	250.99	101.58
		For Flat Oval, Add	*12.25*	
		For Work In Restricted Working Space, Add	*50.79*	
23 31 13 13-0783	LF	66" x 66", 20 Gauge Galvanized Steel Duct	247.24	100.06
		For Flat Oval, Add	*12.07*	
		For Work In Restricted Working Space, Add	*50.03*	
23 31 13 13-0784	LF	66" x 68", 20 Gauge Galvanized Steel Duct	250.99	101.58
		For Flat Oval, Add	*12.25*	
		For Work In Restricted Working Space, Add	*50.79*	
23 31 13 13-0785	LF	66" x 70", 20 Gauge Galvanized Steel Duct	254.73	103.09
		For Flat Oval, Add	*12.44*	
		For Work In Restricted Working Space, Add	*51.55*	
23 31 13 13-0786	LF	66" x 72", 20 Gauge Galvanized Steel Duct	258.48	104.61
		For Flat Oval, Add	*12.62*	
		For Work In Restricted Working Space, Add	*52.31*	
23 31 13 13-0787	LF	68" x 68", 20 Gauge Galvanized Steel Duct	254.73	103.09
		For Flat Oval, Add	*12.44*	
		For Work In Restricted Working Space, Add	*51.55*	
23 31 13 13-0788	LF	68" x 70", 20 Gauge Galvanized Steel Duct	258.48	104.61
		For Flat Oval, Add	*12.62*	
		For Work In Restricted Working Space, Add	*52.31*	
23 31 13 13-0789	LF	68" x 72", 20 Gauge Galvanized Steel Duct	262.23	106.13
		For Flat Oval, Add	*12.80*	
		For Work In Restricted Working Space, Add	*53.06*	
23 31 13 13-0790	LF	68" x 74", 20 Gauge Galvanized Steel Duct	265.98	107.65
		For Flat Oval, Add	*12.99*	
		For Work In Restricted Working Space, Add	*53.82*	
23 31 13 13-0791	LF	70" x 70", 20 Gauge Galvanized Steel Duct	262.23	106.13
		For Flat Oval, Add	*12.80*	
		For Work In Restricted Working Space, Add	*53.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0792	LF	70" x 72", 20 Gauge Galvanized Steel Duct	265.98	107.65
		For Flat Oval, Add	*12.99*	
		For Work In Restricted Working Space, Add	*53.82*	
23 31 13 13-0793	LF	70" x 74", 20 Gauge Galvanized Steel Duct	269.72	109.16
		For Flat Oval, Add	*13.17*	
		For Work In Restricted Working Space, Add	*54.58*	
23 31 13 13-0794	LF	70" x 76", 20 Gauge Galvanized Steel Duct	273.46	110.67
		For Flat Oval, Add	*13.35*	
		For Work In Restricted Working Space, Add	*55.34*	
23 31 13 13-0795	LF	70" x 78", 20 Gauge Galvanized Steel Duct	277.21	112.19
		For Flat Oval, Add	*13.53*	
		For Work In Restricted Working Space, Add	*56.10*	
23 31 13 13-0796	LF	70" x 80", 20 Gauge Galvanized Steel Duct	280.96	113.71
		For Flat Oval, Add	*13.72*	
		For Work In Restricted Working Space, Add	*56.86*	
23 31 13 13-0797	LF	70" x 82", 20 Gauge Galvanized Steel Duct	284.70	115.23
		For Flat Oval, Add	*13.90*	
		For Work In Restricted Working Space, Add	*57.61*	
23 31 13 13-0798	LF	70" x 84", 20 Gauge Galvanized Steel Duct	288.45	116.74
		For Flat Oval, Add	*14.08*	
		For Work In Restricted Working Space, Add	*58.37*	
23 31 13 13-0799	LF	72" x 72", 20 Gauge Galvanized Steel Duct	269.72	109.16
		For Flat Oval, Add	*13.17*	
		For Work In Restricted Working Space, Add	*54.58*	
23 31 13 13-0800	LF	72" x 74", 20 Gauge Galvanized Steel Duct	273.46	110.67
		For Flat Oval, Add	*13.35*	
		For Work In Restricted Working Space, Add	*55.34*	
23 31 13 13-0801	LF	72" x 76", 20 Gauge Galvanized Steel Duct	277.21	112.19
		For Flat Oval, Add	*13.53*	
		For Work In Restricted Working Space, Add	*56.10*	
23 31 13 13-0802	LF	72" x 78", 20 Gauge Galvanized Steel Duct	280.96	113.71
		For Flat Oval, Add	*13.72*	
		For Work In Restricted Working Space, Add	*56.86*	
23 31 13 13-0803	LF	72" x 80", 20 Gauge Galvanized Steel Duct	284.70	115.23
		For Flat Oval, Add	*13.90*	
		For Work In Restricted Working Space, Add	*57.61*	
23 31 13 13-0804	LF	72" x 82", 20 Gauge Galvanized Steel Duct	288.45	116.74
		For Flat Oval, Add	*14.08*	
		For Work In Restricted Working Space, Add	*58.37*	
23 31 13 13-0805	LF	72" x 84", 20 Gauge Galvanized Steel Duct	292.19	118.26
		For Flat Oval, Add	*14.27*	
		For Work In Restricted Working Space, Add	*59.13*	
23 31 13 13-0806	LF	74" x 74", 20 Gauge Galvanized Steel Duct	277.21	112.19
		For Flat Oval, Add	*13.53*	
		For Work In Restricted Working Space, Add	*56.10*	
23 31 13 13-0807	LF	74" x 76", 20 Gauge Galvanized Steel Duct	280.96	113.71
		For Flat Oval, Add	*13.72*	
		For Work In Restricted Working Space, Add	*56.86*	
23 31 13 13-0808	LF	74" x 78", 20 Gauge Galvanized Steel Duct	284.70	115.23
		For Flat Oval, Add	*13.90*	
		For Work In Restricted Working Space, Add	*57.61*	
23 31 13 13-0809	LF	74" x 80", 20 Gauge Galvanized Steel Duct	288.45	116.74
		For Flat Oval, Add	*14.08*	
		For Work In Restricted Working Space, Add	*58.37*	
23 31 13 13-0810	LF	74" x 82", 20 Gauge Galvanized Steel Duct	292.19	118.26
		For Flat Oval, Add	*14.27*	
		For Work In Restricted Working Space, Add	*59.13*	
23 31 13 13-0811	LF	74" x 84", 20 Gauge Galvanized Steel Duct	295.94	119.76
		For Flat Oval, Add	*14.45*	
		For Work In Restricted Working Space, Add	*59.89*	
23 31 13 13-0812	LF	76" x 76", 20 Gauge Galvanized Steel Duct	284.70	115.23
		For Flat Oval, Add	*13.90*	
		For Work In Restricted Working Space, Add	*57.61*	
23 31 13 13-0813	LF	76" x 78", 20 Gauge Galvanized Steel Duct	288.45	116.74
		For Flat Oval, Add	*14.08*	
		For Work In Restricted Working Space, Add	*58.37*	
23 31 13 13-0814	LF	76" x 80", 20 Gauge Galvanized Steel Duct	292.19	118.26
		For Flat Oval, Add	*14.27*	
		For Work In Restricted Working Space, Add	*59.13*	
23 31 13 13-0815	LF	76" x 82", 20 Gauge Galvanized Steel Duct	295.94	119.76
		For Flat Oval, Add	*14.45*	
		For Work In Restricted Working Space, Add	*59.89*	
23 31 13 13-0816	LF	76" x 84", 20 Gauge Galvanized Steel Duct	299.69	121.29
		For Flat Oval, Add	*14.63*	
		For Work In Restricted Working Space, Add	*60.65*	
23 31 13 13-0817	LF	78" x 78", 20 Gauge Galvanized Steel Duct	292.19	118.26
		For Flat Oval, Add	*14.27*	
		For Work In Restricted Working Space, Add	*59.13*	
23 31 13 13-0818	LF	78" x 80", 20 Gauge Galvanized Steel Duct	295.94	119.76
		For Flat Oval, Add	*14.45*	
		For Work In Restricted Working Space, Add	*59.89*	
23 31 13 13-0819	LF	78" x 82", 20 Gauge Galvanized Steel Duct	299.69	121.29
		For Flat Oval, Add	*14.63*	
		For Work In Restricted Working Space, Add	*60.65*	
23 31 13 13-0820	LF	78" x 84", 20 Gauge Galvanized Steel Duct	303.44	122.80
		For Flat Oval, Add	*14.81*	
		For Work In Restricted Working Space, Add	*61.40*	
23 31 13 13-0821	LF	80" x 80", 20 Gauge Galvanized Steel Duct	299.69	121.29
		For Flat Oval, Add	*14.63*	
		For Work In Restricted Working Space, Add	*60.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0822	LF	80" x 82", 20 Gauge Galvanized Steel Duct	303.44	122.80
		For Flat Oval, Add	*14.81*	
		For Work In Restricted Working Space, Add	*61.40*	
23 31 13 13-0823	LF	80" x 84", 20 Gauge Galvanized Steel Duct	307.19	124.32
		For Flat Oval, Add	*15.00*	
		For Work In Restricted Working Space, Add	*62.16*	
23 31 13 13-0824	LF	82" x 82", 20 Gauge Galvanized Steel Duct	307.19	124.32
		For Flat Oval, Add	*15.00*	
		For Work In Restricted Working Space, Add	*62.16*	
23 31 13 13-0825	LF	82" x 84", 20 Gauge Galvanized Steel Duct	310.93	125.83
		For Flat Oval, Add	*15.18*	
		For Work In Restricted Working Space, Add	*62.92*	
23 31 13 13-0826	LF	84" x 84", 20 Gauge Galvanized Steel Duct	314.68	127.36
		For Flat Oval, Add	*15.36*	
		For Work In Restricted Working Space, Add	*63.68*	

23 31 13 13-0827 18 Gauge Galvanized Steel Duct *(23 31 13 13-0009)*

23 31 13 13-0828	LF	4" x 4", 18 Gauge Galvanized Steel Duct	19.52	7.89
		For Flat Oval, Add	*0.95*	
		For Work In Restricted Working Space, Add	*3.95*	
23 31 13 13-0829	LF	4" x 6", 18 Gauge Galvanized Steel Duct	24.38	9.87
		For Flat Oval, Add	*1.19*	
		For Work In Restricted Working Space, Add	*4.93*	
23 31 13 13-0830	LF	4" x 8", 18 Gauge Galvanized Steel Duct	29.26	11.85
		For Flat Oval, Add	*1.43*	
		For Work In Restricted Working Space, Add	*5.92*	
23 31 13 13-0831	LF	4" x 10", 18 Gauge Galvanized Steel Duct	34.15	13.82
		For Flat Oval, Add	*1.67*	
		For Work In Restricted Working Space, Add	*6.91*	
23 31 13 13-0832	LF	4" x 12", 18 Gauge Galvanized Steel Duct	39.01	15.79
		For Flat Oval, Add	*1.91*	
		For Work In Restricted Working Space, Add	*7.89*	
23 31 13 13-0833	LF	4" x 14", 18 Gauge Galvanized Steel Duct	43.90	17.76
		For Flat Oval, Add	*2.14*	
		For Work In Restricted Working Space, Add	*8.88*	
23 31 13 13-0834	LF	4" x 16", 18 Gauge Galvanized Steel Duct	48.78	19.74
		For Flat Oval, Add	*2.38*	
		For Work In Restricted Working Space, Add	*9.87*	
23 31 13 13-0835	LF	6" x 6", 18 Gauge Galvanized Steel Duct	29.26	11.85
		For Flat Oval, Add	*1.43*	
		For Work In Restricted Working Space, Add	*5.92*	
23 31 13 13-0836	LF	6" x 8", 18 Gauge Galvanized Steel Duct	34.15	13.82
		For Flat Oval, Add	*1.67*	
		For Work In Restricted Working Space, Add	*6.91*	
23 31 13 13-0837	LF	6" x 10", 18 Gauge Galvanized Steel Duct	39.01	15.79
		For Flat Oval, Add	*1.91*	
		For Work In Restricted Working Space, Add	*7.89*	
23 31 13 13-0838	LF	6" x 12", 18 Gauge Galvanized Steel Duct	43.90	17.76
		For Flat Oval, Add	*2.14*	
		For Work In Restricted Working Space, Add	*8.88*	
23 31 13 13-0839	LF	6" x 14", 18 Gauge Galvanized Steel Duct	48.78	19.74
		For Flat Oval, Add	*2.38*	
		For Work In Restricted Working Space, Add	*9.87*	
23 31 13 13-0840	LF	6" x 16", 18 Gauge Galvanized Steel Duct	53.65	21.71
		For Flat Oval, Add	*2.62*	
		For Work In Restricted Working Space, Add	*10.86*	
23 31 13 13-0841	LF	8" x 8", 18 Gauge Galvanized Steel Duct	39.01	15.79
		For Flat Oval, Add	*1.91*	
		For Work In Restricted Working Space, Add	*7.89*	
23 31 13 13-0842	LF	8" x 10", 18 Gauge Galvanized Steel Duct	43.90	17.76
		For Flat Oval, Add	*2.14*	
		For Work In Restricted Working Space, Add	*8.88*	
23 31 13 13-0843	LF	8" x 12", 18 Gauge Galvanized Steel Duct	48.78	19.74
		For Flat Oval, Add	*2.38*	
		For Work In Restricted Working Space, Add	*9.87*	
23 31 13 13-0844	LF	8" x 14", 18 Gauge Galvanized Steel Duct	53.65	21.71
		For Flat Oval, Add	*2.62*	
		For Work In Restricted Working Space, Add	*10.86*	
23 31 13 13-0845	LF	8" x 16", 18 Gauge Galvanized Steel Duct	58.53	23.69
		For Flat Oval, Add	*2.86*	
		For Work In Restricted Working Space, Add	*11.84*	
23 31 13 13-0846	LF	8" x 18", 18 Gauge Galvanized Steel Duct	63.40	25.66
		For Flat Oval, Add	*3.10*	
		For Work In Restricted Working Space, Add	*12.83*	
23 31 13 13-0847	LF	8" x 20", 18 Gauge Galvanized Steel Duct	68.28	27.63
		For Flat Oval, Add	*3.33*	
		For Work In Restricted Working Space, Add	*13.82*	
23 31 13 13-0848	LF	8" x 22", 18 Gauge Galvanized Steel Duct	73.16	29.61
		For Flat Oval, Add	*3.57*	
		For Work In Restricted Working Space, Add	*14.81*	
23 31 13 13-0849	LF	8" x 24", 18 Gauge Galvanized Steel Duct	78.03	31.58
		For Flat Oval, Add	*3.81*	
		For Work In Restricted Working Space, Add	*15.79*	
23 31 13 13-0850	LF	10" x 10", 18 Gauge Galvanized Steel Duct	48.78	19.74
		For Flat Oval, Add	*2.38*	
		For Work In Restricted Working Space, Add	*9.87*	
23 31 13 13-0851	LF	10" x 12", 18 Gauge Galvanized Steel Duct	53.65	21.71
		For Flat Oval, Add	*2.62*	
		For Work In Restricted Working Space, Add	*10.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0852	LF	10" x 14", 18 Gauge Galvanized Steel Duct	58.53	23.69
		For Flat Oval, Add	*2.86*	
		For Work In Restricted Working Space, Add	*11.84*	
23 31 13 13-0853	LF	10" x 16", 18 Gauge Galvanized Steel Duct	63.40	25.66
		For Flat Oval, Add	*3.10*	
		For Work In Restricted Working Space, Add	*12.83*	
23 31 13 13-0854	LF	10" x 18", 18 Gauge Galvanized Steel Duct	68.28	27.63
		For Flat Oval, Add	*3.33*	
		For Work In Restricted Working Space, Add	*13.82*	
23 31 13 13-0855	LF	10" x 20", 18 Gauge Galvanized Steel Duct	73.16	29.61
		For Flat Oval, Add	*3.57*	
		For Work In Restricted Working Space, Add	*14.81*	
23 31 13 13-0856	LF	10" x 22", 18 Gauge Galvanized Steel Duct	78.03	31.58
		For Flat Oval, Add	*3.81*	
		For Work In Restricted Working Space, Add	*15.79*	
23 31 13 13-0857	LF	10" x 24", 18 Gauge Galvanized Steel Duct	82.91	33.56
		For Flat Oval, Add	*4.05*	
		For Work In Restricted Working Space, Add	*16.78*	
23 31 13 13-0858	LF	10" x 26", 18 Gauge Galvanized Steel Duct	87.79	35.53
		For Flat Oval, Add	*4.29*	
		For Work In Restricted Working Space, Add	*17.77*	
23 31 13 13-0859	LF	10" x 28", 18 Gauge Galvanized Steel Duct	92.66	37.50
		For Flat Oval, Add	*4.52*	
		For Work In Restricted Working Space, Add	*18.75*	
23 31 13 13-0860	LF	10" x 30", 18 Gauge Galvanized Steel Duct	97.55	39.48
		For Flat Oval, Add	*4.76*	
		For Work In Restricted Working Space, Add	*19.74*	
23 31 13 13-0861	LF	10" x 32", 18 Gauge Galvanized Steel Duct	102.42	41.45
		For Flat Oval, Add	*5.00*	
		For Work In Restricted Working Space, Add	*20.73*	
23 31 13 13-0862	LF	12" x 12", 18 Gauge Galvanized Steel Duct	58.53	23.69
		For Flat Oval, Add	*2.86*	
		For Work In Restricted Working Space, Add	*11.84*	
23 31 13 13-0863	LF	12" x 14", 18 Gauge Galvanized Steel Duct	63.40	25.66
		For Flat Oval, Add	*3.10*	
		For Work In Restricted Working Space, Add	*12.83*	
23 31 13 13-0864	LF	12" x 16", 18 Gauge Galvanized Steel Duct	68.28	27.63
		For Flat Oval, Add	*3.33*	
		For Work In Restricted Working Space, Add	*13.82*	
23 31 13 13-0865	LF	12" x 18", 18 Gauge Galvanized Steel Duct	73.16	29.61
		For Flat Oval, Add	*3.57*	
		For Work In Restricted Working Space, Add	*14.81*	
23 31 13 13-0866	LF	12" x 20", 18 Gauge Galvanized Steel Duct	78.03	31.58
		For Flat Oval, Add	*3.81*	
		For Work In Restricted Working Space, Add	*15.79*	
23 31 13 13-0867	LF	12" x 22", 18 Gauge Galvanized Steel Duct	82.91	33.56
		For Flat Oval, Add	*4.05*	
		For Work In Restricted Working Space, Add	*16.78*	
23 31 13 13-0868	LF	12" x 24", 18 Gauge Galvanized Steel Duct	87.79	35.53
		For Flat Oval, Add	*4.29*	
		For Work In Restricted Working Space, Add	*17.77*	
23 31 13 13-0869	LF	12" x 26", 18 Gauge Galvanized Steel Duct	92.66	37.50
		For Flat Oval, Add	*4.52*	
		For Work In Restricted Working Space, Add	*18.75*	
23 31 13 13-0870	LF	12" x 28", 18 Gauge Galvanized Steel Duct	97.55	39.48
		For Flat Oval, Add	*4.76*	
		For Work In Restricted Working Space, Add	*19.74*	
23 31 13 13-0871	LF	12" x 30", 18 Gauge Galvanized Steel Duct	102.42	41.45
		For Flat Oval, Add	*5.00*	
		For Work In Restricted Working Space, Add	*20.73*	
23 31 13 13-0872	LF	12" x 32", 18 Gauge Galvanized Steel Duct	107.29	43.43
		For Flat Oval, Add	*5.24*	
		For Work In Restricted Working Space, Add	*21.71*	
23 31 13 13-0873	LF	12" x 34", 18 Gauge Galvanized Steel Duct	112.18	45.40
		For Flat Oval, Add	*5.48*	
		For Work In Restricted Working Space, Add	*22.70*	
23 31 13 13-0874	LF	12" x 36", 18 Gauge Galvanized Steel Duct	117.06	47.37
		For Flat Oval, Add	*5.72*	
		For Work In Restricted Working Space, Add	*23.69*	
23 31 13 13-0875	LF	14" x 14", 18 Gauge Galvanized Steel Duct	68.28	27.63
		For Flat Oval, Add	*3.33*	
		For Work In Restricted Working Space, Add	*13.82*	
23 31 13 13-0876	LF	14" x 16", 18 Gauge Galvanized Steel Duct	73.16	29.61
		For Flat Oval, Add	*3.57*	
		For Work In Restricted Working Space, Add	*14.81*	
23 31 13 13-0877	LF	14" x 18", 18 Gauge Galvanized Steel Duct	78.03	31.58
		For Flat Oval, Add	*3.81*	
		For Work In Restricted Working Space, Add	*15.79*	
23 31 13 13-0878	LF	14" x 20", 18 Gauge Galvanized Steel Duct	82.91	33.56
		For Flat Oval, Add	*4.05*	
		For Work In Restricted Working Space, Add	*16.78*	
23 31 13 13-0879	LF	14" x 22", 18 Gauge Galvanized Steel Duct	87.79	35.53
		For Flat Oval, Add	*4.29*	
		For Work In Restricted Working Space, Add	*17.77*	
23 31 13 13-0880	LF	14" x 24", 18 Gauge Galvanized Steel Duct	92.66	37.50
		For Flat Oval, Add	*4.52*	
		For Work In Restricted Working Space, Add	*18.75*	
23 31 13 13-0881	LF	14" x 26", 18 Gauge Galvanized Steel Duct	97.55	39.48
		For Flat Oval, Add	*4.76*	
		For Work In Restricted Working Space, Add	*19.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0882	LF	14" x 28", 18 Gauge Galvanized Steel Duct	102.42	41.45
		For Flat Oval, Add	*5.00*	
		For Work In Restricted Working Space, Add	*20.73*	
23 31 13 13-0883	LF	14" x 30", 18 Gauge Galvanized Steel Duct	107.29	43.43
		For Flat Oval, Add	*5.24*	
		For Work In Restricted Working Space, Add	*21.71*	
23 31 13 13-0884	LF	14" x 32", 18 Gauge Galvanized Steel Duct	112.18	45.40
		For Flat Oval, Add	*5.48*	
		For Work In Restricted Working Space, Add	*22.70*	
23 31 13 13-0885	LF	14" x 34", 18 Gauge Galvanized Steel Duct	117.06	47.37
		For Flat Oval, Add	*5.72*	
		For Work In Restricted Working Space, Add	*23.69*	
23 31 13 13-0886	LF	14" x 36", 18 Gauge Galvanized Steel Duct	121.92	49.35
		For Flat Oval, Add	*5.95*	
		For Work In Restricted Working Space, Add	*24.67*	
23 31 13 13-0887	LF	16" x 16", 18 Gauge Galvanized Steel Duct	78.03	31.58
		For Flat Oval, Add	*3.81*	
		For Work In Restricted Working Space, Add	*15.79*	
23 31 13 13-0888	LF	16" x 18", 18 Gauge Galvanized Steel Duct	82.91	33.56
		For Flat Oval, Add	*4.05*	
		For Work In Restricted Working Space, Add	*16.78*	
23 31 13 13-0889	LF	16" x 20", 18 Gauge Galvanized Steel Duct	87.79	35.53
		For Flat Oval, Add	*4.29*	
		For Work In Restricted Working Space, Add	*17.77*	
23 31 13 13-0890	LF	16" x 22", 18 Gauge Galvanized Steel Duct	92.66	37.50
		For Flat Oval, Add	*4.52*	
		For Work In Restricted Working Space, Add	*18.75*	
23 31 13 13-0891	LF	16" x 24", 18 Gauge Galvanized Steel Duct	97.55	39.48
		For Flat Oval, Add	*4.76*	
		For Work In Restricted Working Space, Add	*19.74*	
23 31 13 13-0892	LF	16" x 26", 18 Gauge Galvanized Steel Duct	102.42	41.45
		For Flat Oval, Add	*5.00*	
		For Work In Restricted Working Space, Add	*20.73*	
23 31 13 13-0893	LF	16" x 28", 18 Gauge Galvanized Steel Duct	107.29	43.43
		For Flat Oval, Add	*5.24*	
		For Work In Restricted Working Space, Add	*21.71*	
23 31 13 13-0894	LF	16" x 30", 18 Gauge Galvanized Steel Duct	112.18	45.40
		For Flat Oval, Add	*5.48*	
		For Work In Restricted Working Space, Add	*22.70*	
23 31 13 13-0895	LF	16" x 32", 18 Gauge Galvanized Steel Duct	117.06	47.37
		For Flat Oval, Add	*5.72*	
		For Work In Restricted Working Space, Add	*23.69*	
23 31 13 13-0896	LF	16" x 34", 18 Gauge Galvanized Steel Duct	121.92	49.35
		For Flat Oval, Add	*5.95*	
		For Work In Restricted Working Space, Add	*24.67*	
23 31 13 13-0897	LF	16" x 36", 18 Gauge Galvanized Steel Duct	126.81	51.32
		For Flat Oval, Add	*6.19*	
		For Work In Restricted Working Space, Add	*25.66*	
23 31 13 13-0898	LF	16" x 38", 18 Gauge Galvanized Steel Duct	131.69	53.30
		For Flat Oval, Add	*6.43*	
		For Work In Restricted Working Space, Add	*26.65*	
23 31 13 13-0899	LF	16" x 40", 18 Gauge Galvanized Steel Duct	136.56	55.28
		For Flat Oval, Add	*6.67*	
		For Work In Restricted Working Space, Add	*27.63*	
23 31 13 13-0900	LF	16" x 42", 18 Gauge Galvanized Steel Duct	141.44	57.24
		For Flat Oval, Add	*6.90*	
		For Work In Restricted Working Space, Add	*28.62*	
23 31 13 13-0901	LF	16" x 44", 18 Gauge Galvanized Steel Duct	146.32	59.22
		For Flat Oval, Add	*7.14*	
		For Work In Restricted Working Space, Add	*29.61*	
23 31 13 13-0902	LF	18" x 18", 18 Gauge Galvanized Steel Duct	87.79	35.53
		For Flat Oval, Add	*4.29*	
		For Work In Restricted Working Space, Add	*17.77*	
23 31 13 13-0903	LF	18" x 20", 18 Gauge Galvanized Steel Duct	92.66	37.50
		For Flat Oval, Add	*4.52*	
		For Work In Restricted Working Space, Add	*18.75*	
23 31 13 13-0904	LF	18" x 22", 18 Gauge Galvanized Steel Duct	97.55	39.48
		For Flat Oval, Add	*4.76*	
		For Work In Restricted Working Space, Add	*19.74*	
23 31 13 13-0905	LF	18" x 24", 18 Gauge Galvanized Steel Duct	102.42	41.45
		For Flat Oval, Add	*5.00*	
		For Work In Restricted Working Space, Add	*20.73*	
23 31 13 13-0906	LF	18" x 26", 18 Gauge Galvanized Steel Duct	107.29	43.43
		For Flat Oval, Add	*5.24*	
		For Work In Restricted Working Space, Add	*21.71*	
23 31 13 13-0907	LF	18" x 28", 18 Gauge Galvanized Steel Duct	112.18	45.40
		For Flat Oval, Add	*5.48*	
		For Work In Restricted Working Space, Add	*22.70*	
23 31 13 13-0908	LF	18" x 30", 18 Gauge Galvanized Steel Duct	117.06	47.37
		For Flat Oval, Add	*5.72*	
		For Work In Restricted Working Space, Add	*23.69*	
23 31 13 13-0909	LF	18" x 32", 18 Gauge Galvanized Steel Duct	121.92	49.35
		For Flat Oval, Add	*5.95*	
		For Work In Restricted Working Space, Add	*24.67*	
23 31 13 13-0910	LF	18" x 34", 18 Gauge Galvanized Steel Duct	126.81	51.32
		For Flat Oval, Add	*6.19*	
		For Work In Restricted Working Space, Add	*25.66*	
23 31 13 13-0911	LF	18" x 36", 18 Gauge Galvanized Steel Duct	131.69	53.30
		For Flat Oval, Add	*6.43*	
		For Work In Restricted Working Space, Add	*26.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0912	LF	18" x 38", 18 Gauge Galvanized Steel Duct	136.56	55.28
		For Flat Oval, Add	*6.67*	
		For Work In Restricted Working Space, Add	*27.63*	
23 31 13 13-0913	LF	18" x 40", 18 Gauge Galvanized Steel Duct	141.44	57.24
		For Flat Oval, Add	*6.90*	
		For Work In Restricted Working Space, Add	*28.62*	
23 31 13 13-0914	LF	18" x 42", 18 Gauge Galvanized Steel Duct	146.32	59.22
		For Flat Oval, Add	*7.14*	
		For Work In Restricted Working Space, Add	*29.61*	
23 31 13 13-0915	LF	18" x 44", 18 Gauge Galvanized Steel Duct	151.19	61.19
		For Flat Oval, Add	*7.38*	
		For Work In Restricted Working Space, Add	*30.59*	
23 31 13 13-0916	LF	18" x 46", 18 Gauge Galvanized Steel Duct	156.08	63.17
		For Flat Oval, Add	*7.62*	
		For Work In Restricted Working Space, Add	*31.58*	
23 31 13 13-0917	LF	20" x 20", 18 Gauge Galvanized Steel Duct	97.55	39.48
		For Flat Oval, Add	*4.76*	
		For Work In Restricted Working Space, Add	*19.74*	
23 31 13 13-0918	LF	20" x 22", 18 Gauge Galvanized Steel Duct	102.42	41.45
		For Flat Oval, Add	*5.00*	
		For Work In Restricted Working Space, Add	*20.73*	
23 31 13 13-0919	LF	20" x 24", 18 Gauge Galvanized Steel Duct	107.29	43.43
		For Flat Oval, Add	*5.24*	
		For Work In Restricted Working Space, Add	*21.71*	
23 31 13 13-0920	LF	20" x 26", 18 Gauge Galvanized Steel Duct	112.18	45.40
		For Flat Oval, Add	*5.48*	
		For Work In Restricted Working Space, Add	*22.70*	
23 31 13 13-0921	LF	20" x 28", 18 Gauge Galvanized Steel Duct	117.06	47.37
		For Flat Oval, Add	*5.72*	
		For Work In Restricted Working Space, Add	*23.69*	
23 31 13 13-0922	LF	20" x 30", 18 Gauge Galvanized Steel Duct	121.92	49.35
		For Flat Oval, Add	*5.95*	
		For Work In Restricted Working Space, Add	*24.67*	
23 31 13 13-0923	LF	20" x 32", 18 Gauge Galvanized Steel Duct	126.81	51.32
		For Flat Oval, Add	*6.19*	
		For Work In Restricted Working Space, Add	*25.66*	
23 31 13 13-0924	LF	20" x 34", 18 Gauge Galvanized Steel Duct	131.69	53.30
		For Flat Oval, Add	*6.43*	
		For Work In Restricted Working Space, Add	*26.65*	
23 31 13 13-0925	LF	20" x 36", 18 Gauge Galvanized Steel Duct	136.56	55.28
		For Flat Oval, Add	*6.67*	
		For Work In Restricted Working Space, Add	*27.63*	
23 31 13 13-0926	LF	20" x 38", 18 Gauge Galvanized Steel Duct	141.44	57.24
		For Flat Oval, Add	*6.90*	
		For Work In Restricted Working Space, Add	*28.62*	
23 31 13 13-0927	LF	20" x 40", 18 Gauge Galvanized Steel Duct	146.32	59.22
		For Flat Oval, Add	*7.14*	
		For Work In Restricted Working Space, Add	*29.61*	
23 31 13 13-0928	LF	20" x 42", 18 Gauge Galvanized Steel Duct	151.19	61.19
		For Flat Oval, Add	*7.38*	
		For Work In Restricted Working Space, Add	*30.59*	
23 31 13 13-0929	LF	20" x 44", 18 Gauge Galvanized Steel Duct	156.08	63.17
		For Flat Oval, Add	*7.62*	
		For Work In Restricted Working Space, Add	*31.58*	
23 31 13 13-0930	LF	20" x 46", 18 Gauge Galvanized Steel Duct	160.93	65.14
		For Flat Oval, Add	*7.86*	
		For Work In Restricted Working Space, Add	*32.57*	
23 31 13 13-0931	LF	20" x 48", 18 Gauge Galvanized Steel Duct	165.82	67.11
		For Flat Oval, Add	*8.10*	
		For Work In Restricted Working Space, Add	*33.56*	
23 31 13 13-0932	LF	22" x 22", 18 Gauge Galvanized Steel Duct	107.29	43.43
		For Flat Oval, Add	*5.24*	
		For Work In Restricted Working Space, Add	*21.71*	
23 31 13 13-0933	LF	22" x 24", 18 Gauge Galvanized Steel Duct	112.18	45.40
		For Flat Oval, Add	*5.48*	
		For Work In Restricted Working Space, Add	*22.70*	
23 31 13 13-0934	LF	22" x 26", 18 Gauge Galvanized Steel Duct	117.06	47.37
		For Flat Oval, Add	*5.72*	
		For Work In Restricted Working Space, Add	*23.69*	
23 31 13 13-0935	LF	22" x 28", 18 Gauge Galvanized Steel Duct	121.92	49.35
		For Flat Oval, Add	*5.95*	
		For Work In Restricted Working Space, Add	*24.67*	
23 31 13 13-0936	LF	22" x 30", 18 Gauge Galvanized Steel Duct	126.81	51.32
		For Flat Oval, Add	*6.19*	
		For Work In Restricted Working Space, Add	*25.66*	
23 31 13 13-0937	LF	22" x 32", 18 Gauge Galvanized Steel Duct	131.69	53.30
		For Flat Oval, Add	*6.43*	
		For Work In Restricted Working Space, Add	*26.65*	
23 31 13 13-0938	LF	22" x 34", 18 Gauge Galvanized Steel Duct	136.56	55.28
		For Flat Oval, Add	*6.67*	
		For Work In Restricted Working Space, Add	*27.63*	
23 31 13 13-0939	LF	22" x 36", 18 Gauge Galvanized Steel Duct	141.44	57.24
		For Flat Oval, Add	*6.90*	
		For Work In Restricted Working Space, Add	*28.62*	
23 31 13 13-0940	LF	22" x 38", 18 Gauge Galvanized Steel Duct	146.32	59.22
		For Flat Oval, Add	*7.14*	
		For Work In Restricted Working Space, Add	*29.61*	
23 31 13 13-0941	LF	22" x 40", 18 Gauge Galvanized Steel Duct	151.19	61.19
		For Flat Oval, Add	*7.38*	
		For Work In Restricted Working Space, Add	*30.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0942	LF	22" x 42", 18 Gauge Galvanized Steel Duct	156.08	63.17
		For Flat Oval, Add	*7.62*	
		For Work In Restricted Working Space, Add	*31.58*	
23 31 13 13-0943	LF	22" x 44", 18 Gauge Galvanized Steel Duct	160.93	65.14
		For Flat Oval, Add	*7.86*	
		For Work In Restricted Working Space, Add	*32.57*	
23 31 13 13-0944	LF	22" x 46", 18 Gauge Galvanized Steel Duct	165.82	67.11
		For Flat Oval, Add	*8.10*	
		For Work In Restricted Working Space, Add	*33.56*	
23 31 13 13-0945	LF	22" x 48", 18 Gauge Galvanized Steel Duct	170.71	69.09
		For Flat Oval, Add	*8.33*	
		For Work In Restricted Working Space, Add	*34.55*	
23 31 13 13-0946	LF	24" x 24", 18 Gauge Galvanized Steel Duct	117.06	47.37
		For Flat Oval, Add	*5.72*	
		For Work In Restricted Working Space, Add	*23.69*	
23 31 13 13-0947	LF	24" x 26", 18 Gauge Galvanized Steel Duct	121.92	49.35
		For Flat Oval, Add	*5.95*	
		For Work In Restricted Working Space, Add	*24.67*	
23 31 13 13-0948	LF	24" x 28", 18 Gauge Galvanized Steel Duct	126.81	51.32
		For Flat Oval, Add	*6.19*	
		For Work In Restricted Working Space, Add	*25.66*	
23 31 13 13-0949	LF	24" x 30", 18 Gauge Galvanized Steel Duct	131.69	53.30
		For Flat Oval, Add	*6.43*	
		For Work In Restricted Working Space, Add	*26.65*	
23 31 13 13-0950	LF	24" x 32", 18 Gauge Galvanized Steel Duct	136.56	55.28
		For Flat Oval, Add	*6.67*	
		For Work In Restricted Working Space, Add	*27.63*	
23 31 13 13-0951	LF	24" x 34", 18 Gauge Galvanized Steel Duct	141.44	57.24
		For Flat Oval, Add	*6.90*	
		For Work In Restricted Working Space, Add	*28.62*	
23 31 13 13-0952	LF	24" x 36", 18 Gauge Galvanized Steel Duct	146.32	59.22
		For Flat Oval, Add	*7.14*	
		For Work In Restricted Working Space, Add	*29.61*	
23 31 13 13-0953	LF	24" x 38", 18 Gauge Galvanized Steel Duct	151.19	61.19
		For Flat Oval, Add	*7.38*	
		For Work In Restricted Working Space, Add	*30.59*	
23 31 13 13-0954	LF	24" x 40", 18 Gauge Galvanized Steel Duct	156.08	63.17
		For Flat Oval, Add	*7.62*	
		For Work In Restricted Working Space, Add	*31.58*	
23 31 13 13-0955	LF	24" x 42", 18 Gauge Galvanized Steel Duct	160.93	65.14
		For Flat Oval, Add	*7.86*	
		For Work In Restricted Working Space, Add	*32.57*	
23 31 13 13-0956	LF	24" x 44", 18 Gauge Galvanized Steel Duct	165.82	67.11
		For Flat Oval, Add	*8.10*	
		For Work In Restricted Working Space, Add	*33.56*	
23 31 13 13-0957	LF	24" x 46", 18 Gauge Galvanized Steel Duct	170.71	69.09
		For Flat Oval, Add	*8.33*	
		For Work In Restricted Working Space, Add	*34.55*	
23 31 13 13-0958	LF	24" x 48", 18 Gauge Galvanized Steel Duct	175.57	71.06
		For Flat Oval, Add	*8.57*	
		For Work In Restricted Working Space, Add	*35.53*	
23 31 13 13-0959	LF	26" x 26", 18 Gauge Galvanized Steel Duct	126.81	51.32
		For Flat Oval, Add	*6.19*	
		For Work In Restricted Working Space, Add	*25.66*	
23 31 13 13-0960	LF	26" x 28", 18 Gauge Galvanized Steel Duct	131.69	53.30
		For Flat Oval, Add	*6.43*	
		For Work In Restricted Working Space, Add	*26.65*	
23 31 13 13-0961	LF	26" x 30", 18 Gauge Galvanized Steel Duct	136.56	55.28
		For Flat Oval, Add	*6.67*	
		For Work In Restricted Working Space, Add	*27.63*	
23 31 13 13-0962	LF	26" x 32", 18 Gauge Galvanized Steel Duct	141.44	57.24
		For Flat Oval, Add	*6.90*	
		For Work In Restricted Working Space, Add	*28.62*	
23 31 13 13-0963	LF	26" x 34", 18 Gauge Galvanized Steel Duct	146.32	59.22
		For Flat Oval, Add	*7.14*	
		For Work In Restricted Working Space, Add	*29.61*	
23 31 13 13-0964	LF	26" x 36", 18 Gauge Galvanized Steel Duct	151.19	61.19
		For Flat Oval, Add	*7.38*	
		For Work In Restricted Working Space, Add	*30.59*	
23 31 13 13-0965	LF	26" x 38", 18 Gauge Galvanized Steel Duct	156.08	63.17
		For Flat Oval, Add	*7.62*	
		For Work In Restricted Working Space, Add	*31.58*	
23 31 13 13-0966	LF	26" x 40", 18 Gauge Galvanized Steel Duct	160.93	65.14
		For Flat Oval, Add	*7.86*	
		For Work In Restricted Working Space, Add	*32.57*	
23 31 13 13-0967	LF	26" x 42", 18 Gauge Galvanized Steel Duct	165.82	67.11
		For Flat Oval, Add	*8.10*	
		For Work In Restricted Working Space, Add	*33.56*	
23 31 13 13-0968	LF	26" x 44", 18 Gauge Galvanized Steel Duct	170.71	69.09
		For Flat Oval, Add	*8.33*	
		For Work In Restricted Working Space, Add	*34.55*	
23 31 13 13-0969	LF	26" x 46", 18 Gauge Galvanized Steel Duct	175.57	71.06
		For Flat Oval, Add	*8.57*	
		For Work In Restricted Working Space, Add	*35.53*	
23 31 13 13-0970	LF	26" x 48", 18 Gauge Galvanized Steel Duct	180.45	73.04
		For Flat Oval, Add	*8.81*	
		For Work In Restricted Working Space, Add	*36.52*	
23 31 13 13-0971	LF	28" x 28", 18 Gauge Galvanized Steel Duct	136.56	55.28
		For Flat Oval, Add	*6.67*	
		For Work In Restricted Working Space, Add	*27.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0972	LF	28" x 30", 18 Gauge Galvanized Steel Duct	141.44	57.24
		For Flat Oval, Add	*6.90*	
		For Work In Restricted Working Space, Add	*28.62*	
23 31 13 13-0973	LF	28" x 32", 18 Gauge Galvanized Steel Duct	146.32	59.22
		For Flat Oval, Add	*7.14*	
		For Work In Restricted Working Space, Add	*29.61*	
23 31 13 13-0974	LF	28" x 34", 18 Gauge Galvanized Steel Duct	151.19	61.19
		For Flat Oval, Add	*7.38*	
		For Work In Restricted Working Space, Add	*30.59*	
23 31 13 13-0975	LF	28" x 36", 18 Gauge Galvanized Steel Duct	156.08	63.17
		For Flat Oval, Add	*7.62*	
		For Work In Restricted Working Space, Add	*31.58*	
23 31 13 13-0976	LF	28" x 38", 18 Gauge Galvanized Steel Duct	160.93	65.14
		For Flat Oval, Add	*7.86*	
		For Work In Restricted Working Space, Add	*32.57*	
23 31 13 13-0977	LF	28" x 40", 18 Gauge Galvanized Steel Duct	165.82	67.11
		For Flat Oval, Add	*8.10*	
		For Work In Restricted Working Space, Add	*33.56*	
23 31 13 13-0978	LF	28" x 42", 18 Gauge Galvanized Steel Duct	170.71	69.09
		For Flat Oval, Add	*8.33*	
		For Work In Restricted Working Space, Add	*34.55*	
23 31 13 13-0979	LF	28" x 44", 18 Gauge Galvanized Steel Duct	175.57	71.06
		For Flat Oval, Add	*8.57*	
		For Work In Restricted Working Space, Add	*35.53*	
23 31 13 13-0980	LF	28" x 46", 18 Gauge Galvanized Steel Duct	180.45	73.04
		For Flat Oval, Add	*8.81*	
		For Work In Restricted Working Space, Add	*36.52*	
23 31 13 13-0981	LF	28" x 48", 18 Gauge Galvanized Steel Duct	185.34	75.01
		For Flat Oval, Add	*9.05*	
		For Work In Restricted Working Space, Add	*37.51*	
23 31 13 13-0982	LF	30" x 30", 18 Gauge Galvanized Steel Duct	146.32	59.22
		For Flat Oval, Add	*7.14*	
		For Work In Restricted Working Space, Add	*29.61*	
23 31 13 13-0983	LF	30" x 32", 18 Gauge Galvanized Steel Duct	151.19	61.19
		For Flat Oval, Add	*7.38*	
		For Work In Restricted Working Space, Add	*30.59*	
23 31 13 13-0984	LF	30" x 34", 18 Gauge Galvanized Steel Duct	156.08	63.17
		For Flat Oval, Add	*7.62*	
		For Work In Restricted Working Space, Add	*31.58*	
23 31 13 13-0985	LF	30" x 36", 18 Gauge Galvanized Steel Duct	160.93	65.14
		For Flat Oval, Add	*7.86*	
		For Work In Restricted Working Space, Add	*32.57*	
23 31 13 13-0986	LF	30" x 38", 18 Gauge Galvanized Steel Duct	165.82	67.11
		For Flat Oval, Add	*8.10*	
		For Work In Restricted Working Space, Add	*33.56*	
23 31 13 13-0987	LF	30" x 40", 18 Gauge Galvanized Steel Duct	170.71	69.09
		For Flat Oval, Add	*8.33*	
		For Work In Restricted Working Space, Add	*34.55*	
23 31 13 13-0988	LF	30" x 42", 18 Gauge Galvanized Steel Duct	175.57	71.06
		For Flat Oval, Add	*8.57*	
		For Work In Restricted Working Space, Add	*35.53*	
23 31 13 13-0989	LF	30" x 44", 18 Gauge Galvanized Steel Duct	180.45	73.04
		For Flat Oval, Add	*8.81*	
		For Work In Restricted Working Space, Add	*36.52*	
23 31 13 13-0990	LF	30" x 46", 18 Gauge Galvanized Steel Duct	185.34	75.01
		For Flat Oval, Add	*9.05*	
		For Work In Restricted Working Space, Add	*37.51*	
23 31 13 13-0991	LF	30" x 48", 18 Gauge Galvanized Steel Duct	190.21	76.98
		For Flat Oval, Add	*9.29*	
		For Work In Restricted Working Space, Add	*38.49*	
23 31 13 13-0992	LF	32" x 32", 18 Gauge Galvanized Steel Duct	156.08	63.17
		For Flat Oval, Add	*7.62*	
		For Work In Restricted Working Space, Add	*31.58*	
23 31 13 13-0993	LF	32" x 34", 18 Gauge Galvanized Steel Duct	160.93	65.14
		For Flat Oval, Add	*7.86*	
		For Work In Restricted Working Space, Add	*32.57*	
23 31 13 13-0994	LF	32" x 36", 18 Gauge Galvanized Steel Duct	165.82	67.11
		For Flat Oval, Add	*8.10*	
		For Work In Restricted Working Space, Add	*33.56*	
23 31 13 13-0995	LF	32" x 38", 18 Gauge Galvanized Steel Duct	170.71	69.09
		For Flat Oval, Add	*8.33*	
		For Work In Restricted Working Space, Add	*34.55*	
23 31 13 13-0996	LF	32" x 40", 18 Gauge Galvanized Steel Duct	175.57	71.06
		For Flat Oval, Add	*8.57*	
		For Work In Restricted Working Space, Add	*35.53*	
23 31 13 13-0997	LF	32" x 42", 18 Gauge Galvanized Steel Duct	180.45	73.04
		For Flat Oval, Add	*8.81*	
		For Work In Restricted Working Space, Add	*36.52*	
23 31 13 13-0998	LF	32" x 44", 18 Gauge Galvanized Steel Duct	185.34	75.01
		For Flat Oval, Add	*9.05*	
		For Work In Restricted Working Space, Add	*37.51*	
23 31 13 13-0999	LF	32" x 46", 18 Gauge Galvanized Steel Duct	190.21	76.98
		For Flat Oval, Add	*9.29*	
		For Work In Restricted Working Space, Add	*38.49*	
23 31 13 13-1000	LF	32" x 48", 18 Gauge Galvanized Steel Duct	195.08	78.96
		For Flat Oval, Add	*9.52*	
		For Work In Restricted Working Space, Add	*39.48*	
23 31 13 13-1001	LF	34" x 34", 18 Gauge Galvanized Steel Duct	165.82	67.11
		For Flat Oval, Add	*8.10*	
		For Work In Restricted Working Space, Add	*33.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1002	LF	34" x 36", 18 Gauge Galvanized Steel Duct	170.71	69.09
		For Flat Oval, Add	*8.33*	
		For Work In Restricted Working Space, Add	*34.55*	
23 31 13 13-1003	LF	34" x 38", 18 Gauge Galvanized Steel Duct	175.57	71.06
		For Flat Oval, Add	*8.57*	
		For Work In Restricted Working Space, Add	*35.53*	
23 31 13 13-1004	LF	34" x 40", 18 Gauge Galvanized Steel Duct	180.45	73.04
		For Flat Oval, Add	*8.81*	
		For Work In Restricted Working Space, Add	*36.52*	
23 31 13 13-1005	LF	34" x 42", 18 Gauge Galvanized Steel Duct	185.34	75.01
		For Flat Oval, Add	*9.05*	
		For Work In Restricted Working Space, Add	*37.51*	
23 31 13 13-1006	LF	34" x 44", 18 Gauge Galvanized Steel Duct	190.21	76.98
		For Flat Oval, Add	*9.29*	
		For Work In Restricted Working Space, Add	*38.49*	
23 31 13 13-1007	LF	34" x 46", 18 Gauge Galvanized Steel Duct	195.08	78.96
		For Flat Oval, Add	*9.52*	
		For Work In Restricted Working Space, Add	*39.48*	
23 31 13 13-1008	LF	34" x 48", 18 Gauge Galvanized Steel Duct	199.97	80.93
		For Flat Oval, Add	*9.76*	
		For Work In Restricted Working Space, Add	*40.47*	
23 31 13 13-1009	LF	36" x 36", 18 Gauge Galvanized Steel Duct	175.57	71.06
		For Flat Oval, Add	*8.57*	
		For Work In Restricted Working Space, Add	*35.53*	
23 31 13 13-1010	LF	36" x 38", 18 Gauge Galvanized Steel Duct	180.45	73.04
		For Flat Oval, Add	*8.81*	
		For Work In Restricted Working Space, Add	*36.52*	
23 31 13 13-1011	LF	36" x 40", 18 Gauge Galvanized Steel Duct	185.34	75.01
		For Flat Oval, Add	*9.05*	
		For Work In Restricted Working Space, Add	*37.51*	
23 31 13 13-1012	LF	36" x 42", 18 Gauge Galvanized Steel Duct	190.21	76.98
		For Flat Oval, Add	*9.29*	
		For Work In Restricted Working Space, Add	*38.49*	
23 31 13 13-1013	LF	36" x 44", 18 Gauge Galvanized Steel Duct	195.08	78.96
		For Flat Oval, Add	*9.52*	
		For Work In Restricted Working Space, Add	*39.48*	
23 31 13 13-1014	LF	36" x 46", 18 Gauge Galvanized Steel Duct	199.97	80.93
		For Flat Oval, Add	*9.76*	
		For Work In Restricted Working Space, Add	*40.47*	
23 31 13 13-1015	LF	36" x 48", 18 Gauge Galvanized Steel Duct	204.84	82.91
		For Flat Oval, Add	*10.00*	
		For Work In Restricted Working Space, Add	*41.45*	
23 31 13 13-1016	LF	38" x 38", 18 Gauge Galvanized Steel Duct	185.34	75.01
		For Flat Oval, Add	*9.05*	
		For Work In Restricted Working Space, Add	*37.51*	
23 31 13 13-1017	LF	38" x 40", 18 Gauge Galvanized Steel Duct	190.21	76.98
		For Flat Oval, Add	*9.29*	
		For Work In Restricted Working Space, Add	*38.49*	
23 31 13 13-1018	LF	38" x 42", 18 Gauge Galvanized Steel Duct	195.08	78.96
		For Flat Oval, Add	*9.52*	
		For Work In Restricted Working Space, Add	*39.48*	
23 31 13 13-1019	LF	38" x 44", 18 Gauge Galvanized Steel Duct	199.97	80.93
		For Flat Oval, Add	*9.76*	
		For Work In Restricted Working Space, Add	*40.47*	
23 31 13 13-1020	LF	38" x 46", 18 Gauge Galvanized Steel Duct	204.84	82.91
		For Flat Oval, Add	*10.00*	
		For Work In Restricted Working Space, Add	*41.45*	
23 31 13 13-1021	LF	38" x 48", 18 Gauge Galvanized Steel Duct	209.72	84.88
		For Flat Oval, Add	*10.24*	
		For Work In Restricted Working Space, Add	*42.44*	
23 31 13 13-1022	LF	38" x 50", 18 Gauge Galvanized Steel Duct	214.60	86.85
		For Flat Oval, Add	*10.48*	
		For Work In Restricted Working Space, Add	*43.43*	
23 31 13 13-1023	LF	40" x 40", 18 Gauge Galvanized Steel Duct	195.08	78.96
		For Flat Oval, Add	*9.52*	
		For Work In Restricted Working Space, Add	*39.48*	
23 31 13 13-1024	LF	40" x 42", 18 Gauge Galvanized Steel Duct	199.97	80.93
		For Flat Oval, Add	*9.76*	
		For Work In Restricted Working Space, Add	*40.47*	
23 31 13 13-1025	LF	40" x 44", 18 Gauge Galvanized Steel Duct	204.84	82.91
		For Flat Oval, Add	*10.00*	
		For Work In Restricted Working Space, Add	*41.45*	
23 31 13 13-1026	LF	40" x 46", 18 Gauge Galvanized Steel Duct	209.72	84.88
		For Flat Oval, Add	*10.24*	
		For Work In Restricted Working Space, Add	*42.44*	
23 31 13 13-1027	LF	40" x 48", 18 Gauge Galvanized Steel Duct	214.60	86.85
		For Flat Oval, Add	*10.48*	
		For Work In Restricted Working Space, Add	*43.43*	
23 31 13 13-1028	LF	40" x 50", 18 Gauge Galvanized Steel Duct	219.47	88.83
		For Flat Oval, Add	*10.71*	
		For Work In Restricted Working Space, Add	*44.41*	
23 31 13 13-1029	LF	40" x 52", 18 Gauge Galvanized Steel Duct	224.35	90.80
		For Flat Oval, Add	*10.95*	
		For Work In Restricted Working Space, Add	*45.40*	
23 31 13 13-1030	LF	40" x 54", 18 Gauge Galvanized Steel Duct	229.24	92.78
		For Flat Oval, Add	*11.19*	
		For Work In Restricted Working Space, Add	*46.39*	
23 31 13 13-1031	LF	40" x 56", 18 Gauge Galvanized Steel Duct	234.10	94.75
		For Flat Oval, Add	*11.43*	
		For Work In Restricted Working Space, Add	*47.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1032	LF	42" x 42", 18 Gauge Galvanized Steel Duct	204.84	82.91
		For Flat Oval, Add	*10.00*	
		For Work In Restricted Working Space, Add	*41.45*	
23 31 13 13-1033	LF	42" x 44", 18 Gauge Galvanized Steel Duct	209.72	84.88
		For Flat Oval, Add	*10.24*	
		For Work In Restricted Working Space, Add	*42.44*	
23 31 13 13-1034	LF	42" x 46", 18 Gauge Galvanized Steel Duct	214.60	86.85
		For Flat Oval, Add	*10.48*	
		For Work In Restricted Working Space, Add	*43.43*	
23 31 13 13-1035	LF	42" x 48", 18 Gauge Galvanized Steel Duct	219.47	88.83
		For Flat Oval, Add	*10.71*	
		For Work In Restricted Working Space, Add	*44.41*	
23 31 13 13-1036	LF	42" x 50", 18 Gauge Galvanized Steel Duct	224.35	90.80
		For Flat Oval, Add	*10.95*	
		For Work In Restricted Working Space, Add	*45.40*	
23 31 13 13-1037	LF	42" x 52", 18 Gauge Galvanized Steel Duct	229.24	92.78
		For Flat Oval, Add	*11.19*	
		For Work In Restricted Working Space, Add	*46.39*	
23 31 13 13-1038	LF	42" x 54", 18 Gauge Galvanized Steel Duct	234.10	94.75
		For Flat Oval, Add	*11.43*	
		For Work In Restricted Working Space, Add	*47.37*	
23 31 13 13-1039	LF	42" x 56", 18 Gauge Galvanized Steel Duct	238.98	96.72
		For Flat Oval, Add	*11.67*	
		For Work In Restricted Working Space, Add	*48.36*	
23 31 13 13-1040	LF	44" x 44", 18 Gauge Galvanized Steel Duct	214.60	86.85
		For Flat Oval, Add	*10.48*	
		For Work In Restricted Working Space, Add	*43.43*	
23 31 13 13-1041	LF	44" x 46", 18 Gauge Galvanized Steel Duct	219.47	88.83
		For Flat Oval, Add	*10.71*	
		For Work In Restricted Working Space, Add	*44.41*	
23 31 13 13-1042	LF	44" x 48", 18 Gauge Galvanized Steel Duct	224.35	90.80
		For Flat Oval, Add	*10.95*	
		For Work In Restricted Working Space, Add	*45.40*	
23 31 13 13-1043	LF	44" x 50", 18 Gauge Galvanized Steel Duct	229.24	92.78
		For Flat Oval, Add	*11.19*	
		For Work In Restricted Working Space, Add	*46.39*	
23 31 13 13-1044	LF	44" x 52", 18 Gauge Galvanized Steel Duct	234.10	94.75
		For Flat Oval, Add	*11.43*	
		For Work In Restricted Working Space, Add	*47.37*	
23 31 13 13-1045	LF	44" x 54", 18 Gauge Galvanized Steel Duct	238.98	96.72
		For Flat Oval, Add	*11.67*	
		For Work In Restricted Working Space, Add	*48.36*	
23 31 13 13-1046	LF	44" x 56", 18 Gauge Galvanized Steel Duct	243.87	98.70
		For Flat Oval, Add	*11.91*	
		For Work In Restricted Working Space, Add	*49.35*	
23 31 13 13-1047	LF	46" x 46", 18 Gauge Galvanized Steel Duct	224.35	90.80
		For Flat Oval, Add	*10.95*	
		For Work In Restricted Working Space, Add	*45.40*	
23 31 13 13-1048	LF	46" x 48", 18 Gauge Galvanized Steel Duct	229.24	92.78
		For Flat Oval, Add	*11.19*	
		For Work In Restricted Working Space, Add	*46.39*	
23 31 13 13-1049	LF	46" x 50", 18 Gauge Galvanized Steel Duct	234.10	94.75
		For Flat Oval, Add	*11.43*	
		For Work In Restricted Working Space, Add	*47.37*	
23 31 13 13-1050	LF	46" x 52", 18 Gauge Galvanized Steel Duct	238.98	96.72
		For Flat Oval, Add	*11.67*	
		For Work In Restricted Working Space, Add	*48.36*	
23 31 13 13-1051	LF	46" x 54", 18 Gauge Galvanized Steel Duct	243.87	98.70
		For Flat Oval, Add	*11.91*	
		For Work In Restricted Working Space, Add	*49.35*	
23 31 13 13-1052	LF	46" x 56", 18 Gauge Galvanized Steel Duct	248.74	100.67
		For Flat Oval, Add	*12.14*	
		For Work In Restricted Working Space, Add	*50.33*	
23 31 13 13-1053	LF	46" x 58", 18 Gauge Galvanized Steel Duct	253.61	102.65
		For Flat Oval, Add	*12.38*	
		For Work In Restricted Working Space, Add	*51.32*	
23 31 13 13-1054	LF	48" x 48", 18 Gauge Galvanized Steel Duct	234.10	94.75
		For Flat Oval, Add	*11.43*	
		For Work In Restricted Working Space, Add	*47.37*	
23 31 13 13-1055	LF	48" x 50", 18 Gauge Galvanized Steel Duct	238.98	96.72
		For Flat Oval, Add	*11.67*	
		For Work In Restricted Working Space, Add	*48.36*	
23 31 13 13-1056	LF	48" x 52", 18 Gauge Galvanized Steel Duct	243.87	98.70
		For Flat Oval, Add	*11.91*	
		For Work In Restricted Working Space, Add	*49.35*	
23 31 13 13-1057	LF	48" x 54", 18 Gauge Galvanized Steel Duct	248.74	100.67
		For Flat Oval, Add	*12.14*	
		For Work In Restricted Working Space, Add	*50.33*	
23 31 13 13-1058	LF	48" x 56", 18 Gauge Galvanized Steel Duct	253.61	102.65
		For Flat Oval, Add	*12.38*	
		For Work In Restricted Working Space, Add	*51.32*	
23 31 13 13-1059	LF	48" x 58", 18 Gauge Galvanized Steel Duct	258.49	104.62
		For Flat Oval, Add	*12.62*	
		For Work In Restricted Working Space, Add	*52.31*	
23 31 13 13-1060	LF	48" x 60", 18 Gauge Galvanized Steel Duct	263.37	106.59
		For Flat Oval, Add	*12.86*	
		For Work In Restricted Working Space, Add	*53.30*	
23 31 13 13-1061	LF	50" x 50", 18 Gauge Galvanized Steel Duct	243.87	98.70
		For Flat Oval, Add	*11.91*	
		For Work In Restricted Working Space, Add	*49.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1062	LF	50" x 52", 18 Gauge Galvanized Steel Duct	248.74	100.67
		For Flat Oval, Add	*12.14*	
		For Work In Restricted Working Space, Add	*50.33*	
23 31 13 13-1063	LF	50" x 54", 18 Gauge Galvanized Steel Duct	253.61	102.65
		For Flat Oval, Add	*12.38*	
		For Work In Restricted Working Space, Add	*51.32*	
23 31 13 13-1064	LF	50" x 56", 18 Gauge Galvanized Steel Duct	258.49	104.62
		For Flat Oval, Add	*12.62*	
		For Work In Restricted Working Space, Add	*52.31*	
23 31 13 13-1065	LF	50" x 58", 18 Gauge Galvanized Steel Duct	263.37	106.59
		For Flat Oval, Add	*12.86*	
		For Work In Restricted Working Space, Add	*53.30*	
23 31 13 13-1066	LF	50" x 60", 18 Gauge Galvanized Steel Duct	268.24	108.55
		For Flat Oval, Add	*13.10*	
		For Work In Restricted Working Space, Add	*54.28*	
23 31 13 13-1067	LF	52" x 52", 18 Gauge Galvanized Steel Duct	253.61	102.65
		For Flat Oval, Add	*12.38*	
		For Work In Restricted Working Space, Add	*51.32*	
23 31 13 13-1068	LF	52" x 54", 18 Gauge Galvanized Steel Duct	258.49	104.62
		For Flat Oval, Add	*12.62*	
		For Work In Restricted Working Space, Add	*52.31*	
23 31 13 13-1069	LF	52" x 56", 18 Gauge Galvanized Steel Duct	263.37	106.59
		For Flat Oval, Add	*12.86*	
		For Work In Restricted Working Space, Add	*53.30*	
23 31 13 13-1070	LF	52" x 58", 18 Gauge Galvanized Steel Duct	268.24	108.55
		For Flat Oval, Add	*13.10*	
		For Work In Restricted Working Space, Add	*54.28*	
23 31 13 13-1071	LF	52" x 60", 18 Gauge Galvanized Steel Duct	273.11	110.53
		For Flat Oval, Add	*13.33*	
		For Work In Restricted Working Space, Add	*55.27*	
23 31 13 13-1072	LF	54" x 54", 18 Gauge Galvanized Steel Duct	263.37	106.59
		For Flat Oval, Add	*12.86*	
		For Work In Restricted Working Space, Add	*53.30*	
23 31 13 13-1073	LF	54" x 56", 18 Gauge Galvanized Steel Duct	268.24	108.55
		For Flat Oval, Add	*13.10*	
		For Work In Restricted Working Space, Add	*54.28*	
23 31 13 13-1074	LF	54" x 58", 18 Gauge Galvanized Steel Duct	273.11	110.53
		For Flat Oval, Add	*13.33*	
		For Work In Restricted Working Space, Add	*55.27*	
23 31 13 13-1075	LF	54" x 60", 18 Gauge Galvanized Steel Duct	278.00	112.51
		For Flat Oval, Add	*13.57*	
		For Work In Restricted Working Space, Add	*56.26*	
23 31 13 13-1076	LF	54" x 62", 18 Gauge Galvanized Steel Duct	282.88	114.48
		For Flat Oval, Add	*13.81*	
		For Work In Restricted Working Space, Add	*57.24*	
23 31 13 13-1077	LF	54" x 64", 18 Gauge Galvanized Steel Duct	287.74	116.46
		For Flat Oval, Add	*14.05*	
		For Work In Restricted Working Space, Add	*58.23*	
23 31 13 13-1078	LF	56" x 56", 18 Gauge Galvanized Steel Duct	273.11	110.53
		For Flat Oval, Add	*13.33*	
		For Work In Restricted Working Space, Add	*55.27*	
23 31 13 13-1079	LF	56" x 58", 18 Gauge Galvanized Steel Duct	278.00	112.51
		For Flat Oval, Add	*13.57*	
		For Work In Restricted Working Space, Add	*56.26*	
23 31 13 13-1080	LF	56" x 60", 18 Gauge Galvanized Steel Duct	282.88	114.48
		For Flat Oval, Add	*13.81*	
		For Work In Restricted Working Space, Add	*57.24*	
23 31 13 13-1081	LF	56" x 62", 18 Gauge Galvanized Steel Duct	287.74	116.46
		For Flat Oval, Add	*14.05*	
		For Work In Restricted Working Space, Add	*58.23*	
23 31 13 13-1082	LF	56" x 64", 18 Gauge Galvanized Steel Duct	292.63	118.43
		For Flat Oval, Add	*14.29*	
		For Work In Restricted Working Space, Add	*59.22*	
23 31 13 13-1083	LF	58" x 58", 18 Gauge Galvanized Steel Duct	282.88	114.48
		For Flat Oval, Add	*13.81*	
		For Work In Restricted Working Space, Add	*57.24*	
23 31 13 13-1084	LF	58" x 60", 18 Gauge Galvanized Steel Duct	287.74	116.46
		For Flat Oval, Add	*14.05*	
		For Work In Restricted Working Space, Add	*58.23*	
23 31 13 13-1085	LF	58" x 62", 18 Gauge Galvanized Steel Duct	292.63	118.43
		For Flat Oval, Add	*14.29*	
		For Work In Restricted Working Space, Add	*59.22*	
23 31 13 13-1086	LF	58" x 64", 18 Gauge Galvanized Steel Duct	297.51	120.40
		For Flat Oval, Add	*14.52*	
		For Work In Restricted Working Space, Add	*60.20*	
23 31 13 13-1087	LF	58" x 66", 18 Gauge Galvanized Steel Duct	302.38	122.38
		For Flat Oval, Add	*14.76*	
		For Work In Restricted Working Space, Add	*61.19*	
23 31 13 13-1088	LF	60" x 60", 18 Gauge Galvanized Steel Duct	292.63	118.43
		For Flat Oval, Add	*14.29*	
		For Work In Restricted Working Space, Add	*59.22*	
23 31 13 13-1089	LF	60" x 62", 18 Gauge Galvanized Steel Duct	297.51	120.40
		For Flat Oval, Add	*14.52*	
		For Work In Restricted Working Space, Add	*60.20*	
23 31 13 13-1090	LF	60" x 64", 18 Gauge Galvanized Steel Duct	302.38	122.38
		For Flat Oval, Add	*14.76*	
		For Work In Restricted Working Space, Add	*61.19*	
23 31 13 13-1091	LF	60" x 66", 18 Gauge Galvanized Steel Duct	307.26	124.35
		For Flat Oval, Add	*15.00*	
		For Work In Restricted Working Space, Add	*62.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1092	LF	60" x 68", 18 Gauge Galvanized Steel Duct	312.14	126.33
		For Flat Oval, Add	*15.24*	
		For Work In Restricted Working Space, Add	*63.17*	
23 31 13 13-1093	LF	62" x 62", 18 Gauge Galvanized Steel Duct	302.38	122.38
		For Flat Oval, Add	*14.76*	
		For Work In Restricted Working Space, Add	*61.19*	
23 31 13 13-1094	LF	62" x 64", 18 Gauge Galvanized Steel Duct	307.26	124.35
		For Flat Oval, Add	*15.00*	
		For Work In Restricted Working Space, Add	*62.18*	
23 31 13 13-1095	LF	62" x 66", 18 Gauge Galvanized Steel Duct	312.14	126.33
		For Flat Oval, Add	*15.24*	
		For Work In Restricted Working Space, Add	*63.17*	
23 31 13 13-1096	LF	62" x 68", 18 Gauge Galvanized Steel Duct	317.01	128.30
		For Flat Oval, Add	*15.48*	
		For Work In Restricted Working Space, Add	*64.15*	
23 31 13 13-1097	LF	62" x 70", 18 Gauge Galvanized Steel Duct	321.90	130.27
		For Flat Oval, Add	*15.72*	
		For Work In Restricted Working Space, Add	*65.14*	
23 31 13 13-1098	LF	64" x 64", 18 Gauge Galvanized Steel Duct	312.14	126.33
		For Flat Oval, Add	*15.24*	
		For Work In Restricted Working Space, Add	*63.17*	
23 31 13 13-1099	LF	64" x 66", 18 Gauge Galvanized Steel Duct	317.01	128.30
		For Flat Oval, Add	*15.48*	
		For Work In Restricted Working Space, Add	*64.15*	
23 31 13 13-1100	LF	64" x 68", 18 Gauge Galvanized Steel Duct	321.90	130.27
		For Flat Oval, Add	*15.72*	
		For Work In Restricted Working Space, Add	*65.14*	
23 31 13 13-1101	LF	64" x 70", 18 Gauge Galvanized Steel Duct	326.77	132.25
		For Flat Oval, Add	*15.95*	
		For Work In Restricted Working Space, Add	*66.13*	
23 31 13 13-1102	LF	66" x 66", 18 Gauge Galvanized Steel Duct	321.90	130.27
		For Flat Oval, Add	*15.72*	
		For Work In Restricted Working Space, Add	*65.14*	
23 31 13 13-1103	LF	66" x 68", 18 Gauge Galvanized Steel Duct	326.77	132.25
		For Flat Oval, Add	*15.95*	
		For Work In Restricted Working Space, Add	*66.13*	
23 31 13 13-1104	LF	66" x 70", 18 Gauge Galvanized Steel Duct	331.64	134.22
		For Flat Oval, Add	*16.19*	
		For Work In Restricted Working Space, Add	*67.11*	
23 31 13 13-1105	LF	66" x 72", 18 Gauge Galvanized Steel Duct	336.53	136.20
		For Flat Oval, Add	*16.43*	
		For Work In Restricted Working Space, Add	*68.10*	
23 31 13 13-1106	LF	68" x 68", 18 Gauge Galvanized Steel Duct	331.64	134.22
		For Flat Oval, Add	*16.19*	
		For Work In Restricted Working Space, Add	*67.11*	
23 31 13 13-1107	LF	68" x 70", 18 Gauge Galvanized Steel Duct	336.53	136.20
		For Flat Oval, Add	*16.43*	
		For Work In Restricted Working Space, Add	*68.10*	
23 31 13 13-1108	LF	68" x 72", 18 Gauge Galvanized Steel Duct	341.40	138.17
		For Flat Oval, Add	*16.67*	
		For Work In Restricted Working Space, Add	*69.09*	
23 31 13 13-1109	LF	68" x 74", 18 Gauge Galvanized Steel Duct	346.27	140.14
		For Flat Oval, Add	*16.91*	
		For Work In Restricted Working Space, Add	*70.07*	
23 31 13 13-1110	LF	70" x 70", 18 Gauge Galvanized Steel Duct	341.40	138.17
		For Flat Oval, Add	*16.67*	
		For Work In Restricted Working Space, Add	*69.09*	
23 31 13 13-1111	LF	70" x 72", 18 Gauge Galvanized Steel Duct	346.27	140.14
		For Flat Oval, Add	*16.91*	
		For Work In Restricted Working Space, Add	*70.07*	
23 31 13 13-1112	LF	70" x 74", 18 Gauge Galvanized Steel Duct	351.16	142.11
		For Flat Oval, Add	*17.14*	
		For Work In Restricted Working Space, Add	*71.06*	
23 31 13 13-1113	LF	70" x 76", 18 Gauge Galvanized Steel Duct	356.03	144.09
		For Flat Oval, Add	*17.38*	
		For Work In Restricted Working Space, Add	*72.05*	
23 31 13 13-1114	LF	70" x 78", 18 Gauge Galvanized Steel Duct	360.90	146.07
		For Flat Oval, Add	*17.62*	
		For Work In Restricted Working Space, Add	*73.03*	
23 31 13 13-1115	LF	70" x 80", 18 Gauge Galvanized Steel Duct	365.79	148.04
		For Flat Oval, Add	*17.86*	
		For Work In Restricted Working Space, Add	*74.02*	
23 31 13 13-1116	LF	70" x 82", 18 Gauge Galvanized Steel Duct	370.66	150.01
		For Flat Oval, Add	*18.10*	
		For Work In Restricted Working Space, Add	*75.01*	
23 31 13 13-1117	LF	70" x 84", 18 Gauge Galvanized Steel Duct	375.54	151.98
		For Flat Oval, Add	*18.33*	
		For Work In Restricted Working Space, Add	*75.99*	
23 31 13 13-1118	LF	70" x 86", 18 Gauge Galvanized Steel Duct	380.42	153.96
		For Flat Oval, Add	*18.57*	
		For Work In Restricted Working Space, Add	*76.98*	
23 31 13 13-1119	LF	72" x 72", 18 Gauge Galvanized Steel Duct	351.16	142.11
		For Flat Oval, Add	*17.14*	
		For Work In Restricted Working Space, Add	*71.06*	
23 31 13 13-1120	LF	72" x 74", 18 Gauge Galvanized Steel Duct	356.03	144.09
		For Flat Oval, Add	*17.38*	
		For Work In Restricted Working Space, Add	*72.05*	
23 31 13 13-1121	LF	72" x 76", 18 Gauge Galvanized Steel Duct	360.90	146.07
		For Flat Oval, Add	*17.62*	
		For Work In Restricted Working Space, Add	*73.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1122	LF	72" x 78", 18 Gauge Galvanized Steel Duct	365.79	148.04
		For Flat Oval, Add	*17.86*	
		For Work In Restricted Working Space, Add	*74.02*	
23 31 13 13-1123	LF	72" x 80", 18 Gauge Galvanized Steel Duct	370.66	150.01
		For Flat Oval, Add	*18.10*	
		For Work In Restricted Working Space, Add	*75.01*	
23 31 13 13-1124	LF	72" x 82", 18 Gauge Galvanized Steel Duct	375.54	151.98
		For Flat Oval, Add	*18.33*	
		For Work In Restricted Working Space, Add	*75.99*	
23 31 13 13-1125	LF	72" x 84", 18 Gauge Galvanized Steel Duct	380.42	153.96
		For Flat Oval, Add	*18.57*	
		For Work In Restricted Working Space, Add	*76.98*	
23 31 13 13-1126	LF	72" x 86", 18 Gauge Galvanized Steel Duct	385.29	155.94
		For Flat Oval, Add	*18.81*	
		For Work In Restricted Working Space, Add	*77.97*	
23 31 13 13-1127	LF	74" x 74", 18 Gauge Galvanized Steel Duct	360.90	146.07
		For Flat Oval, Add	*17.62*	
		For Work In Restricted Working Space, Add	*73.03*	
23 31 13 13-1128	LF	74" x 76", 18 Gauge Galvanized Steel Duct	365.79	148.04
		For Flat Oval, Add	*17.86*	
		For Work In Restricted Working Space, Add	*74.02*	
23 31 13 13-1129	LF	74" x 78", 18 Gauge Galvanized Steel Duct	370.66	150.01
		For Flat Oval, Add	*18.10*	
		For Work In Restricted Working Space, Add	*75.01*	
23 31 13 13-1130	LF	74" x 80", 18 Gauge Galvanized Steel Duct	375.54	151.98
		For Flat Oval, Add	*18.33*	
		For Work In Restricted Working Space, Add	*75.99*	
23 31 13 13-1131	LF	74" x 82", 18 Gauge Galvanized Steel Duct	380.42	153.96
		For Flat Oval, Add	*18.57*	
		For Work In Restricted Working Space, Add	*76.98*	
23 31 13 13-1132	LF	74" x 84", 18 Gauge Galvanized Steel Duct	385.29	155.94
		For Flat Oval, Add	*18.81*	
		For Work In Restricted Working Space, Add	*77.97*	
23 31 13 13-1133	LF	74" x 86", 18 Gauge Galvanized Steel Duct	390.17	157.91
		For Flat Oval, Add	*19.05*	
		For Work In Restricted Working Space, Add	*78.95*	
23 31 13 13-1134	LF	76" x 76", 18 Gauge Galvanized Steel Duct	370.66	150.01
		For Flat Oval, Add	*18.10*	
		For Work In Restricted Working Space, Add	*75.01*	
23 31 13 13-1135	LF	76" x 78", 18 Gauge Galvanized Steel Duct	375.54	151.98
		For Flat Oval, Add	*18.33*	
		For Work In Restricted Working Space, Add	*75.99*	
23 31 13 13-1136	LF	76" x 80", 18 Gauge Galvanized Steel Duct	380.42	153.96
		For Flat Oval, Add	*18.57*	
		For Work In Restricted Working Space, Add	*76.98*	
23 31 13 13-1137	LF	76" x 82", 18 Gauge Galvanized Steel Duct	385.29	155.94
		For Flat Oval, Add	*18.81*	
		For Work In Restricted Working Space, Add	*77.97*	
23 31 13 13-1138	LF	76" x 84", 18 Gauge Galvanized Steel Duct	390.17	157.91
		For Flat Oval, Add	*19.05*	
		For Work In Restricted Working Space, Add	*78.95*	
23 31 13 13-1139	LF	76" x 86", 18 Gauge Galvanized Steel Duct	395.06	159.88
		For Flat Oval, Add	*19.29*	
		For Work In Restricted Working Space, Add	*79.94*	
23 31 13 13-1140	LF	78" x 78", 18 Gauge Galvanized Steel Duct	380.42	153.96
		For Flat Oval, Add	*18.57*	
		For Work In Restricted Working Space, Add	*76.98*	
23 31 13 13-1141	LF	78" x 80", 18 Gauge Galvanized Steel Duct	385.29	155.94
		For Flat Oval, Add	*18.81*	
		For Work In Restricted Working Space, Add	*77.97*	
23 31 13 13-1142	LF	78" x 82", 18 Gauge Galvanized Steel Duct	390.17	157.91
		For Flat Oval, Add	*19.05*	
		For Work In Restricted Working Space, Add	*78.95*	
23 31 13 13-1143	LF	78" x 84", 18 Gauge Galvanized Steel Duct	395.06	159.88
		For Flat Oval, Add	*19.29*	
		For Work In Restricted Working Space, Add	*79.94*	
23 31 13 13-1144	LF	78" x 86", 18 Gauge Galvanized Steel Duct	399.92	161.85
		For Flat Oval, Add	*19.52*	
		For Work In Restricted Working Space, Add	*80.93*	
23 31 13 13-1145	LF	80" x 80", 18 Gauge Galvanized Steel Duct	390.17	157.91
		For Flat Oval, Add	*19.05*	
		For Work In Restricted Working Space, Add	*78.95*	
23 31 13 13-1146	LF	80" x 82", 18 Gauge Galvanized Steel Duct	395.06	159.88
		For Flat Oval, Add	*19.29*	
		For Work In Restricted Working Space, Add	*79.94*	
23 31 13 13-1147	LF	80" x 84", 18 Gauge Galvanized Steel Duct	399.92	161.85
		For Flat Oval, Add	*19.52*	
		For Work In Restricted Working Space, Add	*80.93*	
23 31 13 13-1148	LF	80" x 86", 18 Gauge Galvanized Steel Duct	404.80	163.83
		For Flat Oval, Add	*19.76*	
		For Work In Restricted Working Space, Add	*81.92*	
23 31 13 13-1149	LF	82" x 82", 18 Gauge Galvanized Steel Duct	399.92	161.85
		For Flat Oval, Add	*19.52*	
		For Work In Restricted Working Space, Add	*80.93*	
23 31 13 13-1150	LF	82" x 84", 18 Gauge Galvanized Steel Duct	404.80	163.83
		For Flat Oval, Add	*19.76*	
		For Work In Restricted Working Space, Add	*81.92*	
23 31 13 13-1151	LF	82" x 86", 18 Gauge Galvanized Steel Duct	409.69	165.81
		For Flat Oval, Add	*20.00*	
		For Work In Restricted Working Space, Add	*82.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1152	LF	84" x 84", 18 Gauge Galvanized Steel Duct	409.69	165.81
		For Flat Oval, Add	*20.00*	
		For Work In Restricted Working Space, Add	*82.91*	
23 31 13 13-1153	LF	84" x 86", 18 Gauge Galvanized Steel Duct	414.56	167.78
		For Flat Oval, Add	*20.24*	
		For Work In Restricted Working Space, Add	*83.89*	
23 31 13 13-1154	LF	86" x 86", 18 Gauge Galvanized Steel Duct	419.43	169.75
		For Flat Oval, Add	*20.48*	
		For Work In Restricted Working Space, Add	*84.88*	

23 31 13 13-1155 16 Gauge Galvanized Steel Duct *(23 31 13 13-0009)*

23 31 13 13-1156	LF	4" x 4", 16 Gauge Galvanized Steel Duct	29.20	11.75
		For Flat Oval, Add	*1.44*	
		For Work In Restricted Working Space, Add	*5.88*	
23 31 13 13-1157	LF	4" x 6", 16 Gauge Galvanized Steel Duct	36.50	14.70
		For Flat Oval, Add	*1.80*	
		For Work In Restricted Working Space, Add	*7.35*	
23 31 13 13-1158	LF	4" x 8", 16 Gauge Galvanized Steel Duct	43.80	17.64
		For Flat Oval, Add	*2.16*	
		For Work In Restricted Working Space, Add	*8.82*	
23 31 13 13-1159	LF	4" x 10", 16 Gauge Galvanized Steel Duct	51.10	20.58
		For Flat Oval, Add	*2.52*	
		For Work In Restricted Working Space, Add	*10.29*	
23 31 13 13-1160	LF	4" x 12", 16 Gauge Galvanized Steel Duct	58.40	23.52
		For Flat Oval, Add	*2.88*	
		For Work In Restricted Working Space, Add	*11.76*	
23 31 13 13-1161	LF	4" x 14", 16 Gauge Galvanized Steel Duct	65.69	26.45
		For Flat Oval, Add	*3.24*	
		For Work In Restricted Working Space, Add	*13.23*	
23 31 13 13-1162	LF	4" x 16", 16 Gauge Galvanized Steel Duct	72.99	29.40
		For Flat Oval, Add	*3.60*	
		For Work In Restricted Working Space, Add	*14.70*	
23 31 13 13-1163	LF	6" x 6", 16 Gauge Galvanized Steel Duct	43.80	17.64
		For Flat Oval, Add	*2.16*	
		For Work In Restricted Working Space, Add	*8.82*	
23 31 13 13-1164	LF	6" x 8", 16 Gauge Galvanized Steel Duct	51.10	20.58
		For Flat Oval, Add	*2.52*	
		For Work In Restricted Working Space, Add	*10.29*	
23 31 13 13-1165	LF	6" x 10", 16 Gauge Galvanized Steel Duct	58.40	23.52
		For Flat Oval, Add	*2.88*	
		For Work In Restricted Working Space, Add	*11.76*	
23 31 13 13-1166	LF	6" x 12", 16 Gauge Galvanized Steel Duct	65.69	26.45
		For Flat Oval, Add	*3.24*	
		For Work In Restricted Working Space, Add	*13.23*	
23 31 13 13-1167	LF	6" x 14", 16 Gauge Galvanized Steel Duct	72.99	29.40
		For Flat Oval, Add	*3.60*	
		For Work In Restricted Working Space, Add	*14.70*	
23 31 13 13-1168	LF	6" x 16", 16 Gauge Galvanized Steel Duct	80.29	32.33
		For Flat Oval, Add	*3.96*	
		For Work In Restricted Working Space, Add	*16.17*	
23 31 13 13-1169	LF	8" x 8", 16 Gauge Galvanized Steel Duct	58.40	23.52
		For Flat Oval, Add	*2.88*	
		For Work In Restricted Working Space, Add	*11.76*	
23 31 13 13-1170	LF	8" x 10", 16 Gauge Galvanized Steel Duct	65.69	26.45
		For Flat Oval, Add	*3.24*	
		For Work In Restricted Working Space, Add	*13.23*	
23 31 13 13-1171	LF	8" x 12", 16 Gauge Galvanized Steel Duct	72.99	29.40
		For Flat Oval, Add	*3.60*	
		For Work In Restricted Working Space, Add	*14.70*	
23 31 13 13-1172	LF	8" x 14", 16 Gauge Galvanized Steel Duct	80.29	32.33
		For Flat Oval, Add	*3.96*	
		For Work In Restricted Working Space, Add	*16.17*	
23 31 13 13-1173	LF	8" x 16", 16 Gauge Galvanized Steel Duct	87.59	35.27
		For Flat Oval, Add	*4.32*	
		For Work In Restricted Working Space, Add	*17.64*	
23 31 13 13-1174	LF	8" x 18", 16 Gauge Galvanized Steel Duct	94.89	38.21
		For Flat Oval, Add	*4.68*	
		For Work In Restricted Working Space, Add	*19.11*	
23 31 13 13-1175	LF	8" x 20", 16 Gauge Galvanized Steel Duct	102.18	41.15
		For Flat Oval, Add	*5.04*	
		For Work In Restricted Working Space, Add	*20.57*	
23 31 13 13-1176	LF	8" x 22", 16 Gauge Galvanized Steel Duct	109.48	44.09
		For Flat Oval, Add	*5.40*	
		For Work In Restricted Working Space, Add	*22.04*	
23 31 13 13-1177	LF	8" x 24", 16 Gauge Galvanized Steel Duct	116.78	47.03
		For Flat Oval, Add	*5.76*	
		For Work In Restricted Working Space, Add	*23.51*	
23 31 13 13-1178	LF	10" x 10", 16 Gauge Galvanized Steel Duct	72.99	29.40
		For Flat Oval, Add	*3.60*	
		For Work In Restricted Working Space, Add	*14.70*	
23 31 13 13-1179	LF	10" x 12", 16 Gauge Galvanized Steel Duct	80.29	32.33
		For Flat Oval, Add	*3.96*	
		For Work In Restricted Working Space, Add	*16.17*	
23 31 13 13-1180	LF	10" x 14", 16 Gauge Galvanized Steel Duct	87.59	35.27
		For Flat Oval, Add	*4.32*	
		For Work In Restricted Working Space, Add	*17.64*	
23 31 13 13-1181	LF	10" x 16", 16 Gauge Galvanized Steel Duct	94.89	38.21
		For Flat Oval, Add	*4.68*	
		For Work In Restricted Working Space, Add	*19.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1182	LF	10" x 18", 16 Gauge Galvanized Steel Duct	102.18	41.15
		For Flat Oval, Add	*5.04*	
		For Work In Restricted Working Space, Add	*20.57*	
23 31 13 13-1183	LF	10" x 20", 16 Gauge Galvanized Steel Duct	109.48	44.09
		For Flat Oval, Add	*5.40*	
		For Work In Restricted Working Space, Add	*22.04*	
23 31 13 13-1184	LF	10" x 22", 16 Gauge Galvanized Steel Duct	116.78	47.03
		For Flat Oval, Add	*5.76*	
		For Work In Restricted Working Space, Add	*23.51*	
23 31 13 13-1185	LF	10" x 24", 16 Gauge Galvanized Steel Duct	124.09	49.97
		For Flat Oval, Add	*6.12*	
		For Work In Restricted Working Space, Add	*24.99*	
23 31 13 13-1186	LF	10" x 26", 16 Gauge Galvanized Steel Duct	131.39	52.92
		For Flat Oval, Add	*6.48*	
		For Work In Restricted Working Space, Add	*26.46*	
23 31 13 13-1187	LF	10" x 28", 16 Gauge Galvanized Steel Duct	138.68	55.85
		For Flat Oval, Add	*6.84*	
		For Work In Restricted Working Space, Add	*27.92*	
23 31 13 13-1188	LF	10" x 30", 16 Gauge Galvanized Steel Duct	145.98	58.79
		For Flat Oval, Add	*7.20*	
		For Work In Restricted Working Space, Add	*29.39*	
23 31 13 13-1189	LF	10" x 32", 16 Gauge Galvanized Steel Duct	153.28	61.73
		For Flat Oval, Add	*7.56*	
		For Work In Restricted Working Space, Add	*30.86*	
23 31 13 13-1190	LF	12" x 12", 16 Gauge Galvanized Steel Duct	87.59	35.27
		For Flat Oval, Add	*4.32*	
		For Work In Restricted Working Space, Add	*17.64*	
23 31 13 13-1191	LF	12" x 14", 16 Gauge Galvanized Steel Duct	94.89	38.21
		For Flat Oval, Add	*4.68*	
		For Work In Restricted Working Space, Add	*19.11*	
23 31 13 13-1192	LF	12" x 16", 16 Gauge Galvanized Steel Duct	102.18	41.15
		For Flat Oval, Add	*5.04*	
		For Work In Restricted Working Space, Add	*20.57*	
23 31 13 13-1193	LF	12" x 18", 16 Gauge Galvanized Steel Duct	109.48	44.09
		For Flat Oval, Add	*5.40*	
		For Work In Restricted Working Space, Add	*22.04*	
23 31 13 13-1194	LF	12" x 20", 16 Gauge Galvanized Steel Duct	116.78	47.03
		For Flat Oval, Add	*5.76*	
		For Work In Restricted Working Space, Add	*23.51*	
23 31 13 13-1195	LF	12" x 22", 16 Gauge Galvanized Steel Duct	124.09	49.97
		For Flat Oval, Add	*6.12*	
		For Work In Restricted Working Space, Add	*24.99*	
23 31 13 13-1196	LF	12" x 24", 16 Gauge Galvanized Steel Duct	131.39	52.92
		For Flat Oval, Add	*6.48*	
		For Work In Restricted Working Space, Add	*26.46*	
23 31 13 13-1197	LF	12" x 26", 16 Gauge Galvanized Steel Duct	138.68	55.85
		For Flat Oval, Add	*6.84*	
		For Work In Restricted Working Space, Add	*27.92*	
23 31 13 13-1198	LF	12" x 28", 16 Gauge Galvanized Steel Duct	145.98	58.79
		For Flat Oval, Add	*7.20*	
		For Work In Restricted Working Space, Add	*29.39*	
23 31 13 13-1199	LF	12" x 30", 16 Gauge Galvanized Steel Duct	153.28	61.73
		For Flat Oval, Add	*7.56*	
		For Work In Restricted Working Space, Add	*30.86*	
23 31 13 13-1200	LF	12" x 32", 16 Gauge Galvanized Steel Duct	160.58	64.67
		For Flat Oval, Add	*7.92*	
		For Work In Restricted Working Space, Add	*32.33*	
23 31 13 13-1201	LF	12" x 34", 16 Gauge Galvanized Steel Duct	167.88	67.60
		For Flat Oval, Add	*8.28*	
		For Work In Restricted Working Space, Add	*33.80*	
23 31 13 13-1202	LF	12" x 36", 16 Gauge Galvanized Steel Duct	175.18	70.55
		For Flat Oval, Add	*8.64*	
		For Work In Restricted Working Space, Add	*35.27*	
23 31 13 13-1203	LF	14" x 14", 16 Gauge Galvanized Steel Duct	102.18	41.15
		For Flat Oval, Add	*5.04*	
		For Work In Restricted Working Space, Add	*20.57*	
23 31 13 13-1204	LF	14" x 16", 16 Gauge Galvanized Steel Duct	109.48	44.09
		For Flat Oval, Add	*5.40*	
		For Work In Restricted Working Space, Add	*22.04*	
23 31 13 13-1205	LF	14" x 18", 16 Gauge Galvanized Steel Duct	116.78	47.03
		For Flat Oval, Add	*5.76*	
		For Work In Restricted Working Space, Add	*23.51*	
23 31 13 13-1206	LF	14" x 20", 16 Gauge Galvanized Steel Duct	124.09	49.97
		For Flat Oval, Add	*6.12*	
		For Work In Restricted Working Space, Add	*24.99*	
23 31 13 13-1207	LF	14" x 22", 16 Gauge Galvanized Steel Duct	131.39	52.92
		For Flat Oval, Add	*6.48*	
		For Work In Restricted Working Space, Add	*26.46*	
23 31 13 13-1208	LF	14" x 24", 16 Gauge Galvanized Steel Duct	138.68	55.85
		For Flat Oval, Add	*6.84*	
		For Work In Restricted Working Space, Add	*27.92*	
23 31 13 13-1209	LF	14" x 26", 16 Gauge Galvanized Steel Duct	145.98	58.79
		For Flat Oval, Add	*7.20*	
		For Work In Restricted Working Space, Add	*29.39*	
23 31 13 13-1210	LF	14" x 28", 16 Gauge Galvanized Steel Duct	153.28	61.73
		For Flat Oval, Add	*7.56*	
		For Work In Restricted Working Space, Add	*30.86*	
23 31 13 13-1211	LF	14" x 30", 16 Gauge Galvanized Steel Duct	160.58	64.67
		For Flat Oval, Add	*7.92*	
		For Work In Restricted Working Space, Add	*32.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1212	LF	14" x 32", 16 Gauge Galvanized Steel Duct	167.88	67.60
		For Flat Oval, Add	*8.28*	
		For Work In Restricted Working Space, Add	*33.80*	
23 31 13 13-1213	LF	14" x 34", 16 Gauge Galvanized Steel Duct	175.18	70.55
		For Flat Oval, Add	*8.64*	
		For Work In Restricted Working Space, Add	*35.27*	
23 31 13 13-1214	LF	14" x 36", 16 Gauge Galvanized Steel Duct	182.48	73.48
		For Flat Oval, Add	*9.00*	
		For Work In Restricted Working Space, Add	*36.74*	
23 31 13 13-1215	LF	16" x 16", 16 Gauge Galvanized Steel Duct	116.78	47.03
		For Flat Oval, Add	*5.76*	
		For Work In Restricted Working Space, Add	*23.51*	
23 31 13 13-1216	LF	16" x 18", 16 Gauge Galvanized Steel Duct	124.09	49.97
		For Flat Oval, Add	*6.12*	
		For Work In Restricted Working Space, Add	*24.99*	
23 31 13 13-1217	LF	16" x 20", 16 Gauge Galvanized Steel Duct	131.39	52.92
		For Flat Oval, Add	*6.48*	
		For Work In Restricted Working Space, Add	*26.46*	
23 31 13 13-1218	LF	16" x 22", 16 Gauge Galvanized Steel Duct	138.68	55.85
		For Flat Oval, Add	*6.84*	
		For Work In Restricted Working Space, Add	*27.92*	
23 31 13 13-1219	LF	16" x 24", 16 Gauge Galvanized Steel Duct	145.98	58.79
		For Flat Oval, Add	*7.20*	
		For Work In Restricted Working Space, Add	*29.39*	
23 31 13 13-1220	LF	16" x 26", 16 Gauge Galvanized Steel Duct	153.28	61.73
		For Flat Oval, Add	*7.56*	
		For Work In Restricted Working Space, Add	*30.86*	
23 31 13 13-1221	LF	16" x 28", 16 Gauge Galvanized Steel Duct	160.58	64.67
		For Flat Oval, Add	*7.92*	
		For Work In Restricted Working Space, Add	*32.33*	
23 31 13 13-1222	LF	16" x 30", 16 Gauge Galvanized Steel Duct	167.88	67.60
		For Flat Oval, Add	*8.28*	
		For Work In Restricted Working Space, Add	*33.80*	
23 31 13 13-1223	LF	16" x 32", 16 Gauge Galvanized Steel Duct	175.18	70.55
		For Flat Oval, Add	*8.64*	
		For Work In Restricted Working Space, Add	*35.27*	
23 31 13 13-1224	LF	16" x 34", 16 Gauge Galvanized Steel Duct	182.48	73.48
		For Flat Oval, Add	*9.00*	
		For Work In Restricted Working Space, Add	*36.74*	
23 31 13 13-1225	LF	16" x 36", 16 Gauge Galvanized Steel Duct	189.78	76.43
		For Flat Oval, Add	*9.36*	
		For Work In Restricted Working Space, Add	*38.21*	
23 31 13 13-1226	LF	16" x 38", 16 Gauge Galvanized Steel Duct	197.08	79.36
		For Flat Oval, Add	*9.72*	
		For Work In Restricted Working Space, Add	*39.68*	
23 31 13 13-1227	LF	16" x 40", 16 Gauge Galvanized Steel Duct	204.38	82.31
		For Flat Oval, Add	*10.08*	
		For Work In Restricted Working Space, Add	*41.15*	
23 31 13 13-1228	LF	16" x 42", 16 Gauge Galvanized Steel Duct	211.67	85.25
		For Flat Oval, Add	*10.44*	
		For Work In Restricted Working Space, Add	*42.62*	
23 31 13 13-1229	LF	16" x 44", 16 Gauge Galvanized Steel Duct	218.97	88.19
		For Flat Oval, Add	*10.80*	
		For Work In Restricted Working Space, Add	*44.09*	
23 31 13 13-1230	LF	18" x 18", 16 Gauge Galvanized Steel Duct	131.39	52.92
		For Flat Oval, Add	*6.48*	
		For Work In Restricted Working Space, Add	*26.46*	
23 31 13 13-1231	LF	18" x 20", 16 Gauge Galvanized Steel Duct	138.68	55.85
		For Flat Oval, Add	*6.84*	
		For Work In Restricted Working Space, Add	*27.92*	
23 31 13 13-1232	LF	18" x 22", 16 Gauge Galvanized Steel Duct	145.98	58.79
		For Flat Oval, Add	*7.20*	
		For Work In Restricted Working Space, Add	*29.39*	
23 31 13 13-1233	LF	18" x 24", 16 Gauge Galvanized Steel Duct	153.28	61.73
		For Flat Oval, Add	*7.56*	
		For Work In Restricted Working Space, Add	*30.86*	
23 31 13 13-1234	LF	18" x 26", 16 Gauge Galvanized Steel Duct	160.58	64.67
		For Flat Oval, Add	*7.92*	
		For Work In Restricted Working Space, Add	*32.33*	
23 31 13 13-1235	LF	18" x 28", 16 Gauge Galvanized Steel Duct	167.88	67.60
		For Flat Oval, Add	*8.28*	
		For Work In Restricted Working Space, Add	*33.80*	
23 31 13 13-1236	LF	18" x 30", 16 Gauge Galvanized Steel Duct	175.18	70.55
		For Flat Oval, Add	*8.64*	
		For Work In Restricted Working Space, Add	*35.27*	
23 31 13 13-1237	LF	18" x 32", 16 Gauge Galvanized Steel Duct	182.48	73.48
		For Flat Oval, Add	*9.00*	
		For Work In Restricted Working Space, Add	*36.74*	
23 31 13 13-1238	LF	18" x 34", 16 Gauge Galvanized Steel Duct	189.78	76.43
		For Flat Oval, Add	*9.36*	
		For Work In Restricted Working Space, Add	*38.21*	
23 31 13 13-1239	LF	18" x 36", 16 Gauge Galvanized Steel Duct	197.08	79.36
		For Flat Oval, Add	*9.72*	
		For Work In Restricted Working Space, Add	*39.68*	
23 31 13 13-1240	LF	18" x 38", 16 Gauge Galvanized Steel Duct	204.38	82.31
		For Flat Oval, Add	*10.08*	
		For Work In Restricted Working Space, Add	*41.15*	
23 31 13 13-1241	LF	18" x 40", 16 Gauge Galvanized Steel Duct	211.67	85.25
		For Flat Oval, Add	*10.44*	
		For Work In Restricted Working Space, Add	*42.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1242	LF	18" x 42", 16 Gauge Galvanized Steel Duct	218.97	88.19
		For Flat Oval, Add	*10.80*	
		For Work In Restricted Working Space, Add	*44.09*	
23 31 13 13-1243	LF	18" x 44", 16 Gauge Galvanized Steel Duct	226.27	91.12
		For Flat Oval, Add	*11.16*	
		For Work In Restricted Working Space, Add	*45.56*	
23 31 13 13-1244	LF	18" x 46", 16 Gauge Galvanized Steel Duct	233.57	94.07
		For Flat Oval, Add	*11.52*	
		For Work In Restricted Working Space, Add	*47.03*	
23 31 13 13-1245	LF	20" x 20", 16 Gauge Galvanized Steel Duct	145.98	58.79
		For Flat Oval, Add	*7.20*	
		For Work In Restricted Working Space, Add	*29.39*	
23 31 13 13-1246	LF	20" x 22", 16 Gauge Galvanized Steel Duct	153.28	61.73
		For Flat Oval, Add	*7.56*	
		For Work In Restricted Working Space, Add	*30.86*	
23 31 13 13-1247	LF	20" x 24", 16 Gauge Galvanized Steel Duct	160.58	64.67
		For Flat Oval, Add	*7.92*	
		For Work In Restricted Working Space, Add	*32.33*	
23 31 13 13-1248	LF	20" x 26", 16 Gauge Galvanized Steel Duct	167.88	67.60
		For Flat Oval, Add	*8.28*	
		For Work In Restricted Working Space, Add	*33.80*	
23 31 13 13-1249	LF	20" x 28", 16 Gauge Galvanized Steel Duct	175.18	70.55
		For Flat Oval, Add	*8.64*	
		For Work In Restricted Working Space, Add	*35.27*	
23 31 13 13-1250	LF	20" x 30", 16 Gauge Galvanized Steel Duct	182.48	73.48
		For Flat Oval, Add	*9.00*	
		For Work In Restricted Working Space, Add	*36.74*	
23 31 13 13-1251	LF	20" x 32", 16 Gauge Galvanized Steel Duct	189.78	76.43
		For Flat Oval, Add	*9.36*	
		For Work In Restricted Working Space, Add	*38.21*	
23 31 13 13-1252	LF	20" x 34", 16 Gauge Galvanized Steel Duct	197.08	79.36
		For Flat Oval, Add	*9.72*	
		For Work In Restricted Working Space, Add	*39.68*	
23 31 13 13-1253	LF	20" x 36", 16 Gauge Galvanized Steel Duct	204.38	82.31
		For Flat Oval, Add	*10.08*	
		For Work In Restricted Working Space, Add	*41.15*	
23 31 13 13-1254	LF	20" x 38", 16 Gauge Galvanized Steel Duct	211.67	85.25
		For Flat Oval, Add	*10.44*	
		For Work In Restricted Working Space, Add	*42.62*	
23 31 13 13-1255	LF	20" x 40", 16 Gauge Galvanized Steel Duct	218.97	88.19
		For Flat Oval, Add	*10.80*	
		For Work In Restricted Working Space, Add	*44.09*	
23 31 13 13-1256	LF	20" x 42", 16 Gauge Galvanized Steel Duct	226.27	91.12
		For Flat Oval, Add	*11.16*	
		For Work In Restricted Working Space, Add	*45.56*	
23 31 13 13-1257	LF	20" x 44", 16 Gauge Galvanized Steel Duct	233.57	94.07
		For Flat Oval, Add	*11.52*	
		For Work In Restricted Working Space, Add	*47.03*	
23 31 13 13-1258	LF	20" x 46", 16 Gauge Galvanized Steel Duct	240.87	97.00
		For Flat Oval, Add	*11.88*	
		For Work In Restricted Working Space, Add	*48.50*	
23 31 13 13-1259	LF	20" x 48", 16 Gauge Galvanized Steel Duct	248.17	99.95
		For Flat Oval, Add	*12.24*	
		For Work In Restricted Working Space, Add	*49.97*	
23 31 13 13-1260	LF	22" x 22", 16 Gauge Galvanized Steel Duct	160.58	64.67
		For Flat Oval, Add	*7.92*	
		For Work In Restricted Working Space, Add	*32.33*	
23 31 13 13-1261	LF	22" x 24", 16 Gauge Galvanized Steel Duct	167.88	67.60
		For Flat Oval, Add	*8.28*	
		For Work In Restricted Working Space, Add	*33.80*	
23 31 13 13-1262	LF	22" x 26", 16 Gauge Galvanized Steel Duct	175.18	70.55
		For Flat Oval, Add	*8.64*	
		For Work In Restricted Working Space, Add	*35.27*	
23 31 13 13-1263	LF	22" x 28", 16 Gauge Galvanized Steel Duct	182.48	73.48
		For Flat Oval, Add	*9.00*	
		For Work In Restricted Working Space, Add	*36.74*	
23 31 13 13-1264	LF	22" x 30", 16 Gauge Galvanized Steel Duct	189.78	76.43
		For Flat Oval, Add	*9.36*	
		For Work In Restricted Working Space, Add	*38.21*	
23 31 13 13-1265	LF	22" x 32", 16 Gauge Galvanized Steel Duct	197.08	79.36
		For Flat Oval, Add	*9.72*	
		For Work In Restricted Working Space, Add	*39.68*	
23 31 13 13-1266	LF	22" x 34", 16 Gauge Galvanized Steel Duct	204.38	82.31
		For Flat Oval, Add	*10.08*	
		For Work In Restricted Working Space, Add	*41.15*	
23 31 13 13-1267	LF	22" x 36", 16 Gauge Galvanized Steel Duct	211.67	85.25
		For Flat Oval, Add	*10.44*	
		For Work In Restricted Working Space, Add	*42.62*	
23 31 13 13-1268	LF	22" x 38", 16 Gauge Galvanized Steel Duct	218.97	88.19
		For Flat Oval, Add	*10.80*	
		For Work In Restricted Working Space, Add	*44.09*	
23 31 13 13-1269	LF	22" x 40", 16 Gauge Galvanized Steel Duct	226.27	91.12
		For Flat Oval, Add	*11.16*	
		For Work In Restricted Working Space, Add	*45.56*	
23 31 13 13-1270	LF	22" x 42", 16 Gauge Galvanized Steel Duct	233.57	94.07
		For Flat Oval, Add	*11.52*	
		For Work In Restricted Working Space, Add	*47.03*	
23 31 13 13-1271	LF	22" x 44", 16 Gauge Galvanized Steel Duct	240.87	97.00
		For Flat Oval, Add	*11.88*	
		For Work In Restricted Working Space, Add	*48.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1272	LF	22" x 46", 16 Gauge Galvanized Steel Duct	248.17	99.95
		For Flat Oval, Add	*12.24*	
		For Work In Restricted Working Space, Add	*49.97*	
23 31 13 13-1273	LF	22" x 48", 16 Gauge Galvanized Steel Duct	255.47	102.88
		For Flat Oval, Add	*12.60*	
		For Work In Restricted Working Space, Add	*51.44*	
23 31 13 13-1274	LF	24" x 24", 16 Gauge Galvanized Steel Duct	175.18	70.55
		For Flat Oval, Add	*8.64*	
		For Work In Restricted Working Space, Add	*35.27*	
23 31 13 13-1275	LF	24" x 26", 16 Gauge Galvanized Steel Duct	182.48	73.48
		For Flat Oval, Add	*9.00*	
		For Work In Restricted Working Space, Add	*36.74*	
23 31 13 13-1276	LF	24" x 28", 16 Gauge Galvanized Steel Duct	189.78	76.43
		For Flat Oval, Add	*9.36*	
		For Work In Restricted Working Space, Add	*38.21*	
23 31 13 13-1277	LF	24" x 30", 16 Gauge Galvanized Steel Duct	197.08	79.36
		For Flat Oval, Add	*9.72*	
		For Work In Restricted Working Space, Add	*39.68*	
23 31 13 13-1278	LF	24" x 32", 16 Gauge Galvanized Steel Duct	204.38	82.31
		For Flat Oval, Add	*10.08*	
		For Work In Restricted Working Space, Add	*41.15*	
23 31 13 13-1279	LF	24" x 34", 16 Gauge Galvanized Steel Duct	211.67	85.25
		For Flat Oval, Add	*10.44*	
		For Work In Restricted Working Space, Add	*42.62*	
23 31 13 13-1280	LF	24" x 36", 16 Gauge Galvanized Steel Duct	218.97	88.19
		For Flat Oval, Add	*10.80*	
		For Work In Restricted Working Space, Add	*44.09*	
23 31 13 13-1281	LF	24" x 38", 16 Gauge Galvanized Steel Duct	226.27	91.12
		For Flat Oval, Add	*11.16*	
		For Work In Restricted Working Space, Add	*45.56*	
23 31 13 13-1282	LF	24" x 40", 16 Gauge Galvanized Steel Duct	233.57	94.07
		For Flat Oval, Add	*11.52*	
		For Work In Restricted Working Space, Add	*47.03*	
23 31 13 13-1283	LF	24" x 42", 16 Gauge Galvanized Steel Duct	240.87	97.00
		For Flat Oval, Add	*11.88*	
		For Work In Restricted Working Space, Add	*48.50*	
23 31 13 13-1284	LF	24" x 44", 16 Gauge Galvanized Steel Duct	248.17	99.95
		For Flat Oval, Add	*12.24*	
		For Work In Restricted Working Space, Add	*49.97*	
23 31 13 13-1285	LF	24" x 46", 16 Gauge Galvanized Steel Duct	255.47	102.88
		For Flat Oval, Add	*12.60*	
		For Work In Restricted Working Space, Add	*51.44*	
23 31 13 13-1286	LF	24" x 48", 16 Gauge Galvanized Steel Duct	262.76	105.82
		For Flat Oval, Add	*12.96*	
		For Work In Restricted Working Space, Add	*52.91*	
23 31 13 13-1287	LF	26" x 26", 16 Gauge Galvanized Steel Duct	189.78	76.43
		For Flat Oval, Add	*9.36*	
		For Work In Restricted Working Space, Add	*38.21*	
23 31 13 13-1288	LF	26" x 28", 16 Gauge Galvanized Steel Duct	197.08	79.36
		For Flat Oval, Add	*9.72*	
		For Work In Restricted Working Space, Add	*39.68*	
23 31 13 13-1289	LF	26" x 30", 16 Gauge Galvanized Steel Duct	204.38	82.31
		For Flat Oval, Add	*10.08*	
		For Work In Restricted Working Space, Add	*41.15*	
23 31 13 13-1290	LF	26" x 32", 16 Gauge Galvanized Steel Duct	211.67	85.25
		For Flat Oval, Add	*10.44*	
		For Work In Restricted Working Space, Add	*42.62*	
23 31 13 13-1291	LF	26" x 34", 16 Gauge Galvanized Steel Duct	218.97	88.19
		For Flat Oval, Add	*10.80*	
		For Work In Restricted Working Space, Add	*44.09*	
23 31 13 13-1292	LF	26" x 36", 16 Gauge Galvanized Steel Duct	226.27	91.12
		For Flat Oval, Add	*11.16*	
		For Work In Restricted Working Space, Add	*45.56*	
23 31 13 13-1293	LF	26" x 38", 16 Gauge Galvanized Steel Duct	233.57	94.07
		For Flat Oval, Add	*11.52*	
		For Work In Restricted Working Space, Add	*47.03*	
23 31 13 13-1294	LF	26" x 40", 16 Gauge Galvanized Steel Duct	240.87	97.00
		For Flat Oval, Add	*11.88*	
		For Work In Restricted Working Space, Add	*48.50*	
23 31 13 13-1295	LF	26" x 42", 16 Gauge Galvanized Steel Duct	248.17	99.95
		For Flat Oval, Add	*12.24*	
		For Work In Restricted Working Space, Add	*49.97*	
23 31 13 13-1296	LF	26" x 44", 16 Gauge Galvanized Steel Duct	255.47	102.88
		For Flat Oval, Add	*12.60*	
		For Work In Restricted Working Space, Add	*51.44*	
23 31 13 13-1297	LF	26" x 46", 16 Gauge Galvanized Steel Duct	262.76	105.82
		For Flat Oval, Add	*12.96*	
		For Work In Restricted Working Space, Add	*52.91*	
23 31 13 13-1298	LF	26" x 48", 16 Gauge Galvanized Steel Duct	270.07	108.76
		For Flat Oval, Add	*13.32*	
		For Work In Restricted Working Space, Add	*54.38*	
23 31 13 13-1299	LF	28" x 28", 16 Gauge Galvanized Steel Duct	204.38	82.31
		For Flat Oval, Add	*10.08*	
		For Work In Restricted Working Space, Add	*41.15*	
23 31 13 13-1300	LF	28" x 30", 16 Gauge Galvanized Steel Duct	211.67	85.25
		For Flat Oval, Add	*10.44*	
		For Work In Restricted Working Space, Add	*42.62*	
23 31 13 13-1301	LF	28" x 32", 16 Gauge Galvanized Steel Duct	218.97	88.19
		For Flat Oval, Add	*10.80*	
		For Work In Restricted Working Space, Add	*44.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1302	LF	28" x 34", 16 Gauge Galvanized Steel Duct	226.27	91.12
		For Flat Oval, Add	*11.16*	
		For Work In Restricted Working Space, Add	*45.56*	
23 31 13 13-1303	LF	28" x 36", 16 Gauge Galvanized Steel Duct	233.57	94.07
		For Flat Oval, Add	*11.52*	
		For Work In Restricted Working Space, Add	*47.03*	
23 31 13 13-1304	LF	28" x 38", 16 Gauge Galvanized Steel Duct	240.87	97.00
		For Flat Oval, Add	*11.88*	
		For Work In Restricted Working Space, Add	*48.50*	
23 31 13 13-1305	LF	28" x 40", 16 Gauge Galvanized Steel Duct	248.17	99.95
		For Flat Oval, Add	*12.24*	
		For Work In Restricted Working Space, Add	*49.97*	
23 31 13 13-1306	LF	28" x 42", 16 Gauge Galvanized Steel Duct	255.47	102.88
		For Flat Oval, Add	*12.60*	
		For Work In Restricted Working Space, Add	*51.44*	
23 31 13 13-1307	LF	28" x 44", 16 Gauge Galvanized Steel Duct	262.76	105.82
		For Flat Oval, Add	*12.96*	
		For Work In Restricted Working Space, Add	*52.91*	
23 31 13 13-1308	LF	28" x 46", 16 Gauge Galvanized Steel Duct	270.07	108.76
		For Flat Oval, Add	*13.32*	
		For Work In Restricted Working Space, Add	*54.38*	
23 31 13 13-1309	LF	28" x 48", 16 Gauge Galvanized Steel Duct	277.37	111.70
		For Flat Oval, Add	*13.68*	
		For Work In Restricted Working Space, Add	*55.85*	
23 31 13 13-1310	LF	30" x 30", 16 Gauge Galvanized Steel Duct	218.97	88.19
		For Flat Oval, Add	*10.80*	
		For Work In Restricted Working Space, Add	*44.09*	
23 31 13 13-1311	LF	30" x 32", 16 Gauge Galvanized Steel Duct	226.27	91.12
		For Flat Oval, Add	*11.16*	
		For Work In Restricted Working Space, Add	*45.56*	
23 31 13 13-1312	LF	30" x 34", 16 Gauge Galvanized Steel Duct	233.57	94.07
		For Flat Oval, Add	*11.52*	
		For Work In Restricted Working Space, Add	*47.03*	
23 31 13 13-1313	LF	30" x 36", 16 Gauge Galvanized Steel Duct	240.87	97.00
		For Flat Oval, Add	*11.88*	
		For Work In Restricted Working Space, Add	*48.50*	
23 31 13 13-1314	LF	30" x 38", 16 Gauge Galvanized Steel Duct	248.17	99.95
		For Flat Oval, Add	*12.24*	
		For Work In Restricted Working Space, Add	*49.97*	
23 31 13 13-1315	LF	30" x 40", 16 Gauge Galvanized Steel Duct	255.47	102.88
		For Flat Oval, Add	*12.60*	
		For Work In Restricted Working Space, Add	*51.44*	
23 31 13 13-1316	LF	30" x 42", 16 Gauge Galvanized Steel Duct	262.76	105.82
		For Flat Oval, Add	*12.96*	
		For Work In Restricted Working Space, Add	*52.91*	
23 31 13 13-1317	LF	30" x 44", 16 Gauge Galvanized Steel Duct	270.07	108.76
		For Flat Oval, Add	*13.32*	
		For Work In Restricted Working Space, Add	*54.38*	
23 31 13 13-1318	LF	30" x 46", 16 Gauge Galvanized Steel Duct	277.37	111.70
		For Flat Oval, Add	*13.68*	
		For Work In Restricted Working Space, Add	*55.85*	
23 31 13 13-1319	LF	30" x 48", 16 Gauge Galvanized Steel Duct	284.67	114.64
		For Flat Oval, Add	*14.04*	
		For Work In Restricted Working Space, Add	*57.32*	
23 31 13 13-1320	LF	32" x 32", 16 Gauge Galvanized Steel Duct	233.57	94.07
		For Flat Oval, Add	*11.52*	
		For Work In Restricted Working Space, Add	*47.03*	
23 31 13 13-1321	LF	32" x 34", 16 Gauge Galvanized Steel Duct	240.87	97.00
		For Flat Oval, Add	*11.88*	
		For Work In Restricted Working Space, Add	*48.50*	
23 31 13 13-1322	LF	32" x 36", 16 Gauge Galvanized Steel Duct	248.17	99.95
		For Flat Oval, Add	*12.24*	
		For Work In Restricted Working Space, Add	*49.97*	
23 31 13 13-1323	LF	32" x 38", 16 Gauge Galvanized Steel Duct	255.47	102.88
		For Flat Oval, Add	*12.60*	
		For Work In Restricted Working Space, Add	*51.44*	
23 31 13 13-1324	LF	32" x 40", 16 Gauge Galvanized Steel Duct	262.76	105.82
		For Flat Oval, Add	*12.96*	
		For Work In Restricted Working Space, Add	*52.91*	
23 31 13 13-1325	LF	32" x 42", 16 Gauge Galvanized Steel Duct	270.07	108.76
		For Flat Oval, Add	*13.32*	
		For Work In Restricted Working Space, Add	*54.38*	
23 31 13 13-1326	LF	32" x 44", 16 Gauge Galvanized Steel Duct	277.37	111.70
		For Flat Oval, Add	*13.68*	
		For Work In Restricted Working Space, Add	*55.85*	
23 31 13 13-1327	LF	32" x 46", 16 Gauge Galvanized Steel Duct	284.67	114.64
		For Flat Oval, Add	*14.04*	
		For Work In Restricted Working Space, Add	*57.32*	
23 31 13 13-1328	LF	32" x 48", 16 Gauge Galvanized Steel Duct	291.97	117.58
		For Flat Oval, Add	*14.40*	
		For Work In Restricted Working Space, Add	*58.79*	
23 31 13 13-1329	LF	34" x 34", 16 Gauge Galvanized Steel Duct	248.17	99.95
		For Flat Oval, Add	*12.24*	
		For Work In Restricted Working Space, Add	*49.97*	
23 31 13 13-1330	LF	34" x 36", 16 Gauge Galvanized Steel Duct	255.47	102.88
		For Flat Oval, Add	*12.60*	
		For Work In Restricted Working Space, Add	*51.44*	
23 31 13 13-1331	LF	34" x 38", 16 Gauge Galvanized Steel Duct	262.76	105.82
		For Flat Oval, Add	*12.96*	
		For Work In Restricted Working Space, Add	*52.91*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1332	LF	34" x 40", 16 Gauge Galvanized Steel Duct	270.07	108.76
		For Flat Oval, Add	*13.32*	
		For Work In Restricted Working Space, Add	*54.38*	
23 31 13 13-1333	LF	34" x 42", 16 Gauge Galvanized Steel Duct	277.37	111.70
		For Flat Oval, Add	*13.68*	
		For Work In Restricted Working Space, Add	*55.85*	
23 31 13 13-1334	LF	34" x 44", 16 Gauge Galvanized Steel Duct	284.67	114.64
		For Flat Oval, Add	*14.04*	
		For Work In Restricted Working Space, Add	*57.32*	
23 31 13 13-1335	LF	34" x 46", 16 Gauge Galvanized Steel Duct	291.97	117.58
		For Flat Oval, Add	*14.40*	
		For Work In Restricted Working Space, Add	*58.79*	
23 31 13 13-1336	LF	34" x 48", 16 Gauge Galvanized Steel Duct	299.27	120.52
		For Flat Oval, Add	*14.76*	
		For Work In Restricted Working Space, Add	*60.26*	
23 31 13 13-1337	LF	36" x 36", 16 Gauge Galvanized Steel Duct	262.76	105.82
		For Flat Oval, Add	*12.96*	
		For Work In Restricted Working Space, Add	*52.91*	
23 31 13 13-1338	LF	36" x 38", 16 Gauge Galvanized Steel Duct	270.07	108.76
		For Flat Oval, Add	*13.32*	
		For Work In Restricted Working Space, Add	*54.38*	
23 31 13 13-1339	LF	36" x 40", 16 Gauge Galvanized Steel Duct	277.37	111.70
		For Flat Oval, Add	*13.68*	
		For Work In Restricted Working Space, Add	*55.85*	
23 31 13 13-1340	LF	36" x 42", 16 Gauge Galvanized Steel Duct	284.67	114.64
		For Flat Oval, Add	*14.04*	
		For Work In Restricted Working Space, Add	*57.32*	
23 31 13 13-1341	LF	36" x 44", 16 Gauge Galvanized Steel Duct	291.97	117.58
		For Flat Oval, Add	*14.40*	
		For Work In Restricted Working Space, Add	*58.79*	
23 31 13 13-1342	LF	36" x 46", 16 Gauge Galvanized Steel Duct	299.27	120.52
		For Flat Oval, Add	*14.76*	
		For Work In Restricted Working Space, Add	*60.26*	
23 31 13 13-1343	LF	36" x 48", 16 Gauge Galvanized Steel Duct	306.56	123.46
		For Flat Oval, Add	*15.12*	
		For Work In Restricted Working Space, Add	*61.73*	
23 31 13 13-1344	LF	38" x 38", 16 Gauge Galvanized Steel Duct	277.37	111.70
		For Flat Oval, Add	*13.68*	
		For Work In Restricted Working Space, Add	*55.85*	
23 31 13 13-1345	LF	38" x 40", 16 Gauge Galvanized Steel Duct	284.67	114.64
		For Flat Oval, Add	*14.04*	
		For Work In Restricted Working Space, Add	*57.32*	
23 31 13 13-1346	LF	38" x 42", 16 Gauge Galvanized Steel Duct	291.97	117.58
		For Flat Oval, Add	*14.40*	
		For Work In Restricted Working Space, Add	*58.79*	
23 31 13 13-1347	LF	38" x 44", 16 Gauge Galvanized Steel Duct	299.27	120.52
		For Flat Oval, Add	*14.76*	
		For Work In Restricted Working Space, Add	*60.26*	
23 31 13 13-1348	LF	38" x 46", 16 Gauge Galvanized Steel Duct	306.56	123.46
		For Flat Oval, Add	*15.12*	
		For Work In Restricted Working Space, Add	*61.73*	
23 31 13 13-1349	LF	38" x 48", 16 Gauge Galvanized Steel Duct	313.86	126.40
		For Flat Oval, Add	*15.48*	
		For Work In Restricted Working Space, Add	*63.20*	
23 31 13 13-1350	LF	38" x 50", 16 Gauge Galvanized Steel Duct	321.17	129.34
		For Flat Oval, Add	*15.84*	
		For Work In Restricted Working Space, Add	*64.67*	
23 31 13 13-1351	LF	40" x 40", 16 Gauge Galvanized Steel Duct	291.97	117.58
		For Flat Oval, Add	*14.40*	
		For Work In Restricted Working Space, Add	*58.79*	
23 31 13 13-1352	LF	40" x 42", 16 Gauge Galvanized Steel Duct	299.27	120.52
		For Flat Oval, Add	*14.76*	
		For Work In Restricted Working Space, Add	*60.26*	
23 31 13 13-1353	LF	40" x 44", 16 Gauge Galvanized Steel Duct	306.56	123.46
		For Flat Oval, Add	*15.12*	
		For Work In Restricted Working Space, Add	*61.73*	
23 31 13 13-1354	LF	40" x 46", 16 Gauge Galvanized Steel Duct	313.86	126.40
		For Flat Oval, Add	*15.48*	
		For Work In Restricted Working Space, Add	*63.20*	
23 31 13 13-1355	LF	40" x 48", 16 Gauge Galvanized Steel Duct	321.17	129.34
		For Flat Oval, Add	*15.84*	
		For Work In Restricted Working Space, Add	*64.67*	
23 31 13 13-1356	LF	40" x 50", 16 Gauge Galvanized Steel Duct	328.47	132.28
		For Flat Oval, Add	*16.20*	
		For Work In Restricted Working Space, Add	*66.14*	
23 31 13 13-1357	LF	40" x 52", 16 Gauge Galvanized Steel Duct	335.77	135.22
		For Flat Oval, Add	*16.56*	
		For Work In Restricted Working Space, Add	*67.61*	
23 31 13 13-1358	LF	40" x 54", 16 Gauge Galvanized Steel Duct	343.06	138.15
		For Flat Oval, Add	*16.92*	
		For Work In Restricted Working Space, Add	*69.08*	
23 31 13 13-1359	LF	40" x 56", 16 Gauge Galvanized Steel Duct	350.35	141.10
		For Flat Oval, Add	*17.28*	
		For Work In Restricted Working Space, Add	*70.55*	
23 31 13 13-1360	LF	42" x 42", 16 Gauge Galvanized Steel Duct	306.56	123.46
		For Flat Oval, Add	*15.12*	
		For Work In Restricted Working Space, Add	*61.73*	
23 31 13 13-1361	LF	42" x 44", 16 Gauge Galvanized Steel Duct	313.86	126.40
		For Flat Oval, Add	*15.48*	
		For Work In Restricted Working Space, Add	*63.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1362	LF	42" x 46", 16 Gauge Galvanized Steel Duct	321.17	129.34
		For Flat Oval, Add	*15.84*	
		For Work In Restricted Working Space, Add	*64.67*	
23 31 13 13-1363	LF	42" x 48", 16 Gauge Galvanized Steel Duct	328.47	132.28
		For Flat Oval, Add	*16.20*	
		For Work In Restricted Working Space, Add	*66.14*	
23 31 13 13-1364	LF	42" x 50", 16 Gauge Galvanized Steel Duct	335.77	135.22
		For Flat Oval, Add	*16.56*	
		For Work In Restricted Working Space, Add	*67.61*	
23 31 13 13-1365	LF	42" x 52", 16 Gauge Galvanized Steel Duct	343.06	138.15
		For Flat Oval, Add	*16.92*	
		For Work In Restricted Working Space, Add	*69.08*	
23 31 13 13-1366	LF	42" x 54", 16 Gauge Galvanized Steel Duct	350.35	141.10
		For Flat Oval, Add	*17.28*	
		For Work In Restricted Working Space, Add	*70.55*	
23 31 13 13-1367	LF	42" x 56", 16 Gauge Galvanized Steel Duct	357.65	144.03
		For Flat Oval, Add	*17.64*	
		For Work In Restricted Working Space, Add	*72.02*	
23 31 13 13-1368	LF	44" x 44", 16 Gauge Galvanized Steel Duct	321.17	129.34
		For Flat Oval, Add	*15.84*	
		For Work In Restricted Working Space, Add	*64.67*	
23 31 13 13-1369	LF	44" x 46", 16 Gauge Galvanized Steel Duct	328.47	132.28
		For Flat Oval, Add	*16.20*	
		For Work In Restricted Working Space, Add	*66.14*	
23 31 13 13-1370	LF	44" x 48", 16 Gauge Galvanized Steel Duct	335.77	135.22
		For Flat Oval, Add	*16.56*	
		For Work In Restricted Working Space, Add	*67.61*	
23 31 13 13-1371	LF	44" x 50", 16 Gauge Galvanized Steel Duct	343.06	138.15
		For Flat Oval, Add	*16.92*	
		For Work In Restricted Working Space, Add	*69.08*	
23 31 13 13-1372	LF	44" x 52", 16 Gauge Galvanized Steel Duct	350.35	141.10
		For Flat Oval, Add	*17.28*	
		For Work In Restricted Working Space, Add	*70.55*	
23 31 13 13-1373	LF	44" x 54", 16 Gauge Galvanized Steel Duct	357.65	144.03
		For Flat Oval, Add	*17.64*	
		For Work In Restricted Working Space, Add	*72.02*	
23 31 13 13-1374	LF	44" x 56", 16 Gauge Galvanized Steel Duct	364.97	146.97
		For Flat Oval, Add	*18.00*	
		For Work In Restricted Working Space, Add	*73.49*	
23 31 13 13-1375	LF	46" x 46", 16 Gauge Galvanized Steel Duct	335.77	135.22
		For Flat Oval, Add	*16.56*	
		For Work In Restricted Working Space, Add	*67.61*	
23 31 13 13-1376	LF	46" x 48", 16 Gauge Galvanized Steel Duct	343.06	138.15
		For Flat Oval, Add	*16.92*	
		For Work In Restricted Working Space, Add	*69.08*	
23 31 13 13-1377	LF	46" x 50", 16 Gauge Galvanized Steel Duct	350.35	141.10
		For Flat Oval, Add	*17.28*	
		For Work In Restricted Working Space, Add	*70.55*	
23 31 13 13-1378	LF	46" x 52", 16 Gauge Galvanized Steel Duct	357.65	144.03
		For Flat Oval, Add	*17.64*	
		For Work In Restricted Working Space, Add	*72.02*	
23 31 13 13-1379	LF	46" x 54", 16 Gauge Galvanized Steel Duct	364.97	146.97
		For Flat Oval, Add	*18.00*	
		For Work In Restricted Working Space, Add	*73.49*	
23 31 13 13-1380	LF	46" x 56", 16 Gauge Galvanized Steel Duct	372.27	149.92
		For Flat Oval, Add	*18.36*	
		For Work In Restricted Working Space, Add	*74.96*	
23 31 13 13-1381	LF	46" x 58", 16 Gauge Galvanized Steel Duct	379.56	152.85
		For Flat Oval, Add	*18.72*	
		For Work In Restricted Working Space, Add	*76.43*	
23 31 13 13-1382	LF	48" x 48", 16 Gauge Galvanized Steel Duct	350.35	141.10
		For Flat Oval, Add	*17.28*	
		For Work In Restricted Working Space, Add	*70.55*	
23 31 13 13-1383	LF	48" x 50", 16 Gauge Galvanized Steel Duct	357.65	144.03
		For Flat Oval, Add	*17.64*	
		For Work In Restricted Working Space, Add	*72.02*	
23 31 13 13-1384	LF	48" x 52", 16 Gauge Galvanized Steel Duct	364.97	146.97
		For Flat Oval, Add	*18.00*	
		For Work In Restricted Working Space, Add	*73.49*	
23 31 13 13-1385	LF	48" x 54", 16 Gauge Galvanized Steel Duct	372.27	149.92
		For Flat Oval, Add	*18.36*	
		For Work In Restricted Working Space, Add	*74.96*	
23 31 13 13-1386	LF	48" x 56", 16 Gauge Galvanized Steel Duct	379.56	152.85
		For Flat Oval, Add	*18.72*	
		For Work In Restricted Working Space, Add	*76.43*	
23 31 13 13-1387	LF	48" x 58", 16 Gauge Galvanized Steel Duct	386.86	155.80
		For Flat Oval, Add	*19.08*	
		For Work In Restricted Working Space, Add	*77.90*	
23 31 13 13-1388	LF	48" x 60", 16 Gauge Galvanized Steel Duct	394.16	158.73
		For Flat Oval, Add	*19.44*	
		For Work In Restricted Working Space, Add	*79.37*	
23 31 13 13-1389	LF	50" x 50", 16 Gauge Galvanized Steel Duct	364.97	146.97
		For Flat Oval, Add	*18.00*	
		For Work In Restricted Working Space, Add	*73.49*	
23 31 13 13-1390	LF	50" x 52", 16 Gauge Galvanized Steel Duct	372.27	149.92
		For Flat Oval, Add	*18.36*	
		For Work In Restricted Working Space, Add	*74.96*	
23 31 13 13-1391	LF	50" x 54", 16 Gauge Galvanized Steel Duct	379.56	152.85
		For Flat Oval, Add	*18.72*	
		For Work In Restricted Working Space, Add	*76.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1392	LF	50" x 56", 16 Gauge Galvanized Steel Duct	386.86	155.80
		For Flat Oval, Add	*19.08*	
		For Work In Restricted Working Space, Add	*77.90*	
23 31 13 13-1393	LF	50" x 58", 16 Gauge Galvanized Steel Duct	394.16	158.73
		For Flat Oval, Add	*19.44*	
		For Work In Restricted Working Space, Add	*79.37*	
23 31 13 13-1394	LF	50" x 60", 16 Gauge Galvanized Steel Duct	401.46	161.67
		For Flat Oval, Add	*19.80*	
		For Work In Restricted Working Space, Add	*80.84*	
23 31 13 13-1395	LF	52" x 52", 16 Gauge Galvanized Steel Duct	379.56	152.85
		For Flat Oval, Add	*18.72*	
		For Work In Restricted Working Space, Add	*76.43*	
23 31 13 13-1396	LF	52" x 54", 16 Gauge Galvanized Steel Duct	386.86	155.80
		For Flat Oval, Add	*19.08*	
		For Work In Restricted Working Space, Add	*77.90*	
23 31 13 13-1397	LF	52" x 56", 16 Gauge Galvanized Steel Duct	394.16	158.73
		For Flat Oval, Add	*19.44*	
		For Work In Restricted Working Space, Add	*79.37*	
23 31 13 13-1398	LF	52" x 58", 16 Gauge Galvanized Steel Duct	401.46	161.67
		For Flat Oval, Add	*19.80*	
		For Work In Restricted Working Space, Add	*80.84*	
23 31 13 13-1399	LF	52" x 60", 16 Gauge Galvanized Steel Duct	408.76	164.61
		For Flat Oval, Add	*20.16*	
		For Work In Restricted Working Space, Add	*82.31*	
23 31 13 13-1400	LF	54" x 54", 16 Gauge Galvanized Steel Duct	394.16	158.73
		For Flat Oval, Add	*19.44*	
		For Work In Restricted Working Space, Add	*79.37*	
23 31 13 13-1401	LF	54" x 56", 16 Gauge Galvanized Steel Duct	401.46	161.67
		For Flat Oval, Add	*19.80*	
		For Work In Restricted Working Space, Add	*80.84*	
23 31 13 13-1402	LF	54" x 58", 16 Gauge Galvanized Steel Duct	408.76	164.61
		For Flat Oval, Add	*20.16*	
		For Work In Restricted Working Space, Add	*82.31*	
23 31 13 13-1403	LF	54" x 60", 16 Gauge Galvanized Steel Duct	416.06	167.55
		For Flat Oval, Add	*20.52*	
		For Work In Restricted Working Space, Add	*83.78*	
23 31 13 13-1404	LF	54" x 62", 16 Gauge Galvanized Steel Duct	423.36	170.48
		For Flat Oval, Add	*20.88*	
		For Work In Restricted Working Space, Add	*85.25*	
23 31 13 13-1405	LF	54" x 64", 16 Gauge Galvanized Steel Duct	430.66	173.43
		For Flat Oval, Add	*21.24*	
		For Work In Restricted Working Space, Add	*86.72*	
23 31 13 13-1406	LF	56" x 56", 16 Gauge Galvanized Steel Duct	408.76	164.61
		For Flat Oval, Add	*20.16*	
		For Work In Restricted Working Space, Add	*82.31*	
23 31 13 13-1407	LF	56" x 58", 16 Gauge Galvanized Steel Duct	416.06	167.55
		For Flat Oval, Add	*20.52*	
		For Work In Restricted Working Space, Add	*83.78*	
23 31 13 13-1408	LF	56" x 60", 16 Gauge Galvanized Steel Duct	423.36	170.48
		For Flat Oval, Add	*20.88*	
		For Work In Restricted Working Space, Add	*85.25*	
23 31 13 13-1409	LF	56" x 62", 16 Gauge Galvanized Steel Duct	430.66	173.43
		For Flat Oval, Add	*21.24*	
		For Work In Restricted Working Space, Add	*86.72*	
23 31 13 13-1410	LF	56" x 64", 16 Gauge Galvanized Steel Duct	437.96	176.36
		For Flat Oval, Add	*21.60*	
		For Work In Restricted Working Space, Add	*88.19*	
23 31 13 13-1411	LF	58" x 58", 16 Gauge Galvanized Steel Duct	423.36	170.48
		For Flat Oval, Add	*20.88*	
		For Work In Restricted Working Space, Add	*85.25*	
23 31 13 13-1412	LF	58" x 60", 16 Gauge Galvanized Steel Duct	430.66	173.43
		For Flat Oval, Add	*21.24*	
		For Work In Restricted Working Space, Add	*86.72*	
23 31 13 13-1413	LF	58" x 62", 16 Gauge Galvanized Steel Duct	437.96	176.36
		For Flat Oval, Add	*21.60*	
		For Work In Restricted Working Space, Add	*88.19*	
23 31 13 13-1414	LF	58" x 64", 16 Gauge Galvanized Steel Duct	445.26	179.31
		For Flat Oval, Add	*21.96*	
		For Work In Restricted Working Space, Add	*89.66*	
23 31 13 13-1415	LF	58" x 66", 16 Gauge Galvanized Steel Duct	452.56	182.25
		For Flat Oval, Add	*22.32*	
		For Work In Restricted Working Space, Add	*91.13*	
23 31 13 13-1416	LF	60" x 60", 16 Gauge Galvanized Steel Duct	437.96	176.36
		For Flat Oval, Add	*21.60*	
		For Work In Restricted Working Space, Add	*88.19*	
23 31 13 13-1417	LF	60" x 62", 16 Gauge Galvanized Steel Duct	445.26	179.31
		For Flat Oval, Add	*21.96*	
		For Work In Restricted Working Space, Add	*89.66*	
23 31 13 13-1418	LF	60" x 64", 16 Gauge Galvanized Steel Duct	452.56	182.25
		For Flat Oval, Add	*22.32*	
		For Work In Restricted Working Space, Add	*91.13*	
23 31 13 13-1419	LF	60" x 66", 16 Gauge Galvanized Steel Duct	459.86	185.19
		For Flat Oval, Add	*22.68*	
		For Work In Restricted Working Space, Add	*92.60*	
23 31 13 13-1420	LF	60" x 68", 16 Gauge Galvanized Steel Duct	467.16	188.13
		For Flat Oval, Add	*23.04*	
		For Work In Restricted Working Space, Add	*94.07*	
23 31 13 13-1421	LF	62" x 62", 16 Gauge Galvanized Steel Duct	452.56	182.25
		For Flat Oval, Add	*22.32*	
		For Work In Restricted Working Space, Add	*91.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1422	LF	62" x 64", 16 Gauge Galvanized Steel Duct	459.86	185.19
		For Flat Oval, Add	*22.68*	
		For Work In Restricted Working Space, Add	*92.60*	
23 31 13 13-1423	LF	62" x 66", 16 Gauge Galvanized Steel Duct	467.16	188.13
		For Flat Oval, Add	*23.04*	
		For Work In Restricted Working Space, Add	*94.07*	
23 31 13 13-1424	LF	62" x 68", 16 Gauge Galvanized Steel Duct	474.46	191.07
		For Flat Oval, Add	*23.40*	
		For Work In Restricted Working Space, Add	*95.54*	
23 31 13 13-1425	LF	62" x 70", 16 Gauge Galvanized Steel Duct	481.75	194.00
		For Flat Oval, Add	*23.76*	
		For Work In Restricted Working Space, Add	*97.00*	
23 31 13 13-1426	LF	64" x 64", 16 Gauge Galvanized Steel Duct	467.16	188.13
		For Flat Oval, Add	*23.04*	
		For Work In Restricted Working Space, Add	*94.07*	
23 31 13 13-1427	LF	64" x 66", 16 Gauge Galvanized Steel Duct	474.46	191.07
		For Flat Oval, Add	*23.40*	
		For Work In Restricted Working Space, Add	*95.54*	
23 31 13 13-1428	LF	64" x 68", 16 Gauge Galvanized Steel Duct	481.75	194.00
		For Flat Oval, Add	*23.76*	
		For Work In Restricted Working Space, Add	*97.00*	
23 31 13 13-1429	LF	64" x 70", 16 Gauge Galvanized Steel Duct	489.05	196.95
		For Flat Oval, Add	*24.12*	
		For Work In Restricted Working Space, Add	*98.47*	
23 31 13 13-1430	LF	66" x 66", 16 Gauge Galvanized Steel Duct	481.75	194.00
		For Flat Oval, Add	*23.76*	
		For Work In Restricted Working Space, Add	*97.00*	
23 31 13 13-1431	LF	66" x 68", 16 Gauge Galvanized Steel Duct	489.05	196.95
		For Flat Oval, Add	*24.12*	
		For Work In Restricted Working Space, Add	*98.47*	
23 31 13 13-1432	LF	66" x 70", 16 Gauge Galvanized Steel Duct	496.35	199.88
		For Flat Oval, Add	*24.48*	
		For Work In Restricted Working Space, Add	*99.94*	
23 31 13 13-1433	LF	66" x 72", 16 Gauge Galvanized Steel Duct	503.64	202.82
		For Flat Oval, Add	*24.84*	
		For Work In Restricted Working Space, Add	*101.41*	
23 31 13 13-1434	LF	68" x 68", 16 Gauge Galvanized Steel Duct	496.35	199.88
		For Flat Oval, Add	*24.48*	
		For Work In Restricted Working Space, Add	*99.94*	
23 31 13 13-1435	LF	68" x 70", 16 Gauge Galvanized Steel Duct	503.64	202.82
		For Flat Oval, Add	*24.84*	
		For Work In Restricted Working Space, Add	*101.41*	
23 31 13 13-1436	LF	68" x 72", 16 Gauge Galvanized Steel Duct	510.95	205.76
		For Flat Oval, Add	*25.20*	
		For Work In Restricted Working Space, Add	*102.88*	
23 31 13 13-1437	LF	68" x 74", 16 Gauge Galvanized Steel Duct	518.25	208.70
		For Flat Oval, Add	*25.56*	
		For Work In Restricted Working Space, Add	*104.35*	
23 31 13 13-1438	LF	70" x 70", 16 Gauge Galvanized Steel Duct	510.95	205.76
		For Flat Oval, Add	*25.20*	
		For Work In Restricted Working Space, Add	*102.88*	
23 31 13 13-1439	LF	70" x 72", 16 Gauge Galvanized Steel Duct	518.25	208.70
		For Flat Oval, Add	*25.56*	
		For Work In Restricted Working Space, Add	*104.35*	
23 31 13 13-1440	LF	70" x 74", 16 Gauge Galvanized Steel Duct	525.55	211.65
		For Flat Oval, Add	*25.92*	
		For Work In Restricted Working Space, Add	*105.82*	
23 31 13 13-1441	LF	70" x 76", 16 Gauge Galvanized Steel Duct	532.85	214.59
		For Flat Oval, Add	*26.28*	
		For Work In Restricted Working Space, Add	*107.29*	
23 31 13 13-1442	LF	70" x 78", 16 Gauge Galvanized Steel Duct	540.14	217.52
		For Flat Oval, Add	*26.64*	
		For Work In Restricted Working Space, Add	*108.76*	
23 31 13 13-1443	LF	70" x 80", 16 Gauge Galvanized Steel Duct	547.44	220.47
		For Flat Oval, Add	*27.00*	
		For Work In Restricted Working Space, Add	*110.23*	
23 31 13 13-1444	LF	70" x 82", 16 Gauge Galvanized Steel Duct	554.74	223.40
		For Flat Oval, Add	*27.36*	
		For Work In Restricted Working Space, Add	*111.70*	
23 31 13 13-1445	LF	70" x 84", 16 Gauge Galvanized Steel Duct	562.05	226.34
		For Flat Oval, Add	*27.72*	
		For Work In Restricted Working Space, Add	*113.17*	
23 31 13 13-1446	LF	70" x 86", 16 Gauge Galvanized Steel Duct	569.35	229.28
		For Flat Oval, Add	*28.08*	
		For Work In Restricted Working Space, Add	*114.64*	
23 31 13 13-1447	LF	72" x 72", 16 Gauge Galvanized Steel Duct	525.55	211.65
		For Flat Oval, Add	*25.92*	
		For Work In Restricted Working Space, Add	*105.82*	
23 31 13 13-1448	LF	72" x 74", 16 Gauge Galvanized Steel Duct	532.85	214.59
		For Flat Oval, Add	*26.28*	
		For Work In Restricted Working Space, Add	*107.29*	
23 31 13 13-1449	LF	72" x 76", 16 Gauge Galvanized Steel Duct	540.14	217.52
		For Flat Oval, Add	*26.64*	
		For Work In Restricted Working Space, Add	*108.76*	
23 31 13 13-1450	LF	72" x 78", 16 Gauge Galvanized Steel Duct	547.44	220.47
		For Flat Oval, Add	*27.00*	
		For Work In Restricted Working Space, Add	*110.23*	
23 31 13 13-1451	LF	72" x 80", 16 Gauge Galvanized Steel Duct	554.74	223.40
		For Flat Oval, Add	*27.36*	
		For Work In Restricted Working Space, Add	*111.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1452	LF	72" x 82", 16 Gauge Galvanized Steel Duct	562.05	226.34
		For Flat Oval, Add	*27.72*	
		For Work In Restricted Working Space, Add	*113.17*	
23 31 13 13-1453	LF	72" x 84", 16 Gauge Galvanized Steel Duct	569.35	229.28
		For Flat Oval, Add	*28.08*	
		For Work In Restricted Working Space, Add	*114.64*	
23 31 13 13-1454	LF	72" x 86", 16 Gauge Galvanized Steel Duct	576.64	232.22
		For Flat Oval, Add	*28.44*	
		For Work In Restricted Working Space, Add	*116.11*	
23 31 13 13-1455	LF	74" x 74", 16 Gauge Galvanized Steel Duct	540.14	217.52
		For Flat Oval, Add	*26.64*	
		For Work In Restricted Working Space, Add	*108.76*	
23 31 13 13-1456	LF	74" x 76", 16 Gauge Galvanized Steel Duct	547.44	220.47
		For Flat Oval, Add	*27.00*	
		For Work In Restricted Working Space, Add	*110.23*	
23 31 13 13-1457	LF	74" x 78", 16 Gauge Galvanized Steel Duct	554.74	223.40
		For Flat Oval, Add	*27.36*	
		For Work In Restricted Working Space, Add	*111.70*	
23 31 13 13-1458	LF	74" x 80", 16 Gauge Galvanized Steel Duct	562.05	226.34
		For Flat Oval, Add	*27.72*	
		For Work In Restricted Working Space, Add	*113.17*	
23 31 13 13-1459	LF	74" x 82", 16 Gauge Galvanized Steel Duct	569.35	229.28
		For Flat Oval, Add	*28.08*	
		For Work In Restricted Working Space, Add	*114.64*	
23 31 13 13-1460	LF	74" x 84", 16 Gauge Galvanized Steel Duct	576.64	232.22
		For Flat Oval, Add	*28.44*	
		For Work In Restricted Working Space, Add	*116.11*	
23 31 13 13-1461	LF	74" x 86", 16 Gauge Galvanized Steel Duct	583.94	235.15
		For Flat Oval, Add	*28.80*	
		For Work In Restricted Working Space, Add	*117.58*	
23 31 13 13-1462	LF	76" x 76", 16 Gauge Galvanized Steel Duct	554.74	223.40
		For Flat Oval, Add	*27.36*	
		For Work In Restricted Working Space, Add	*111.70*	
23 31 13 13-1463	LF	76" x 78", 16 Gauge Galvanized Steel Duct	562.05	226.34
		For Flat Oval, Add	*27.72*	
		For Work In Restricted Working Space, Add	*113.17*	
23 31 13 13-1464	LF	76" x 80", 16 Gauge Galvanized Steel Duct	569.35	229.28
		For Flat Oval, Add	*28.08*	
		For Work In Restricted Working Space, Add	*114.64*	
23 31 13 13-1465	LF	76" x 82", 16 Gauge Galvanized Steel Duct	576.64	232.22
		For Flat Oval, Add	*28.44*	
		For Work In Restricted Working Space, Add	*116.11*	
23 31 13 13-1466	LF	76" x 84", 16 Gauge Galvanized Steel Duct	583.94	235.15
		For Flat Oval, Add	*28.80*	
		For Work In Restricted Working Space, Add	*117.58*	
23 31 13 13-1467	LF	76" x 86", 16 Gauge Galvanized Steel Duct	591.24	238.10
		For Flat Oval, Add	*29.16*	
		For Work In Restricted Working Space, Add	*119.05*	
23 31 13 13-1468	LF	78" x 78", 16 Gauge Galvanized Steel Duct	569.35	229.28
		For Flat Oval, Add	*28.08*	
		For Work In Restricted Working Space, Add	*114.64*	
23 31 13 13-1469	LF	78" x 80", 16 Gauge Galvanized Steel Duct	576.64	232.22
		For Flat Oval, Add	*28.44*	
		For Work In Restricted Working Space, Add	*116.11*	
23 31 13 13-1470	LF	78" x 82", 16 Gauge Galvanized Steel Duct	583.94	235.15
		For Flat Oval, Add	*28.80*	
		For Work In Restricted Working Space, Add	*117.58*	
23 31 13 13-1471	LF	78" x 84", 16 Gauge Galvanized Steel Duct	591.24	238.10
		For Flat Oval, Add	*29.16*	
		For Work In Restricted Working Space, Add	*119.05*	
23 31 13 13-1472	LF	78" x 86", 16 Gauge Galvanized Steel Duct	598.54	241.03
		For Flat Oval, Add	*29.52*	
		For Work In Restricted Working Space, Add	*120.52*	
23 31 13 13-1473	LF	80" x 80", 16 Gauge Galvanized Steel Duct	583.94	235.15
		For Flat Oval, Add	*28.80*	
		For Work In Restricted Working Space, Add	*117.58*	
23 31 13 13-1474	LF	80" x 82", 16 Gauge Galvanized Steel Duct	591.24	238.10
		For Flat Oval, Add	*29.16*	
		For Work In Restricted Working Space, Add	*119.05*	
23 31 13 13-1475	LF	80" x 84", 16 Gauge Galvanized Steel Duct	598.54	241.03
		For Flat Oval, Add	*29.52*	
		For Work In Restricted Working Space, Add	*120.52*	
23 31 13 13-1476	LF	80" x 86", 16 Gauge Galvanized Steel Duct	605.85	243.99
		For Flat Oval, Add	*29.88*	
		For Work In Restricted Working Space, Add	*121.99*	
23 31 13 13-1477	LF	82" x 82", 16 Gauge Galvanized Steel Duct	598.54	241.03
		For Flat Oval, Add	*29.52*	
		For Work In Restricted Working Space, Add	*120.52*	
23 31 13 13-1478	LF	82" x 84", 16 Gauge Galvanized Steel Duct	605.85	243.99
		For Flat Oval, Add	*29.88*	
		For Work In Restricted Working Space, Add	*121.99*	
23 31 13 13-1479	LF	82" x 86", 16 Gauge Galvanized Steel Duct	613.14	246.92
		For Flat Oval, Add	*30.24*	
		For Work In Restricted Working Space, Add	*123.46*	
23 31 13 13-1480	LF	84" x 84", 16 Gauge Galvanized Steel Duct	613.14	246.92
		For Flat Oval, Add	*30.24*	
		For Work In Restricted Working Space, Add	*123.46*	
23 31 13 13-1481	LF	84" x 86", 16 Gauge Galvanized Steel Duct	620.43	249.86
		For Flat Oval, Add	*30.60*	
		For Work In Restricted Working Space, Add	*124.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1482	LF	86" x 86", 16 Gauge Galvanized Steel Duct	627.73	252.80
		For Flat Oval, Add	*30.96*	
		For Work In Restricted Working Space, Add	*126.40*	

23 31 13 13-1483 14 Gauge Galvanized Steel Duct *(23 31 13 13-0009)*

23 31 13 13-1484	LF	4" x 4", 14 Gauge Galvanized Steel Duct	31.94	12.86
		For Flat Oval, Add	*1.58*	
		For Work In Restricted Working Space, Add	*6.43*	
23 31 13 13-1485	LF	4" x 6", 14 Gauge Galvanized Steel Duct	39.94	16.08
		For Flat Oval, Add	*1.97*	
		For Work In Restricted Working Space, Add	*8.04*	
23 31 13 13-1486	LF	4" x 8", 14 Gauge Galvanized Steel Duct	47.93	19.30
		For Flat Oval, Add	*2.36*	
		For Work In Restricted Working Space, Add	*9.65*	
23 31 13 13-1487	LF	4" x 10", 14 Gauge Galvanized Steel Duct	55.90	22.51
		For Flat Oval, Add	*2.76*	
		For Work In Restricted Working Space, Add	*11.26*	
23 31 13 13-1488	LF	4" x 12", 14 Gauge Galvanized Steel Duct	63.90	25.73
		For Flat Oval, Add	*3.15*	
		For Work In Restricted Working Space, Add	*12.87*	
23 31 13 13-1489	LF	4" x 14", 14 Gauge Galvanized Steel Duct	71.88	28.94
		For Flat Oval, Add	*3.54*	
		For Work In Restricted Working Space, Add	*14.48*	
23 31 13 13-1490	LF	4" x 16", 14 Gauge Galvanized Steel Duct	79.86	32.17
		For Flat Oval, Add	*3.94*	
		For Work In Restricted Working Space, Add	*16.08*	
23 31 13 13-1491	LF	6" x 6", 14 Gauge Galvanized Steel Duct	47.93	19.30
		For Flat Oval, Add	*2.36*	
		For Work In Restricted Working Space, Add	*9.65*	
23 31 13 13-1492	LF	6" x 8", 14 Gauge Galvanized Steel Duct	55.90	22.51
		For Flat Oval, Add	*2.76*	
		For Work In Restricted Working Space, Add	*11.26*	
23 31 13 13-1493	LF	6" x 10", 14 Gauge Galvanized Steel Duct	63.90	25.73
		For Flat Oval, Add	*3.15*	
		For Work In Restricted Working Space, Add	*12.87*	
23 31 13 13-1494	LF	6" x 12", 14 Gauge Galvanized Steel Duct	71.88	28.94
		For Flat Oval, Add	*3.54*	
		For Work In Restricted Working Space, Add	*14.48*	
23 31 13 13-1495	LF	6" x 14", 14 Gauge Galvanized Steel Duct	79.86	32.17
		For Flat Oval, Add	*3.94*	
		For Work In Restricted Working Space, Add	*16.08*	
23 31 13 13-1496	LF	6" x 16", 14 Gauge Galvanized Steel Duct	87.86	35.37
		For Flat Oval, Add	*4.33*	
		For Work In Restricted Working Space, Add	*17.69*	
23 31 13 13-1497	LF	8" x 8", 14 Gauge Galvanized Steel Duct	63.90	25.73
		For Flat Oval, Add	*3.15*	
		For Work In Restricted Working Space, Add	*12.87*	
23 31 13 13-1498	LF	8" x 10", 14 Gauge Galvanized Steel Duct	71.88	28.94
		For Flat Oval, Add	*3.54*	
		For Work In Restricted Working Space, Add	*14.48*	
23 31 13 13-1499	LF	8" x 12", 14 Gauge Galvanized Steel Duct	79.86	32.17
		For Flat Oval, Add	*3.94*	
		For Work In Restricted Working Space, Add	*16.08*	
23 31 13 13-1500	LF	8" x 14", 14 Gauge Galvanized Steel Duct	87.86	35.37
		For Flat Oval, Add	*4.33*	
		For Work In Restricted Working Space, Add	*17.69*	
23 31 13 13-1501	LF	8" x 16", 14 Gauge Galvanized Steel Duct	95.83	38.59
		For Flat Oval, Add	*4.73*	
		For Work In Restricted Working Space, Add	*19.30*	
23 31 13 13-1502	LF	8" x 18", 14 Gauge Galvanized Steel Duct	103.82	41.82
		For Flat Oval, Add	*5.12*	
		For Work In Restricted Working Space, Add	*20.90*	
23 31 13 13-1503	LF	8" x 20", 14 Gauge Galvanized Steel Duct	111.80	45.02
		For Flat Oval, Add	*5.51*	
		For Work In Restricted Working Space, Add	*22.51*	
23 31 13 13-1504	LF	8" x 22", 14 Gauge Galvanized Steel Duct	119.79	48.25
		For Flat Oval, Add	*5.91*	
		For Work In Restricted Working Space, Add	*24.12*	
23 31 13 13-1505	LF	8" x 24", 14 Gauge Galvanized Steel Duct	127.78	51.45
		For Flat Oval, Add	*6.30*	
		For Work In Restricted Working Space, Add	*25.73*	
23 31 13 13-1506	LF	10" x 10", 14 Gauge Galvanized Steel Duct	79.86	32.17
		For Flat Oval, Add	*3.94*	
		For Work In Restricted Working Space, Add	*16.08*	
23 31 13 13-1507	LF	10" x 12", 14 Gauge Galvanized Steel Duct	87.86	35.37
		For Flat Oval, Add	*4.33*	
		For Work In Restricted Working Space, Add	*17.69*	
23 31 13 13-1508	LF	10" x 14", 14 Gauge Galvanized Steel Duct	95.83	38.59
		For Flat Oval, Add	*4.73*	
		For Work In Restricted Working Space, Add	*19.30*	
23 31 13 13-1509	LF	10" x 16", 14 Gauge Galvanized Steel Duct	103.82	41.82
		For Flat Oval, Add	*5.12*	
		For Work In Restricted Working Space, Add	*20.90*	
23 31 13 13-1510	LF	10" x 18", 14 Gauge Galvanized Steel Duct	111.80	45.02
		For Flat Oval, Add	*5.51*	
		For Work In Restricted Working Space, Add	*22.51*	
23 31 13 13-1511	LF	10" x 20", 14 Gauge Galvanized Steel Duct	119.79	48.25
		For Flat Oval, Add	*5.91*	
		For Work In Restricted Working Space, Add	*24.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1512	LF	10" x 22", 14 Gauge Galvanized Steel Duct	127.78	51.45
		For Flat Oval, Add	*6.30*	
		For Work In Restricted Working Space, Add	*25.73*	
23 31 13 13-1513	LF	10" x 24", 14 Gauge Galvanized Steel Duct	135.76	54.67
		For Flat Oval, Add	*6.70*	
		For Work In Restricted Working Space, Add	*27.34*	
23 31 13 13-1514	LF	10" x 26", 14 Gauge Galvanized Steel Duct	143.76	57.90
		For Flat Oval, Add	*7.09*	
		For Work In Restricted Working Space, Add	*28.95*	
23 31 13 13-1515	LF	10" x 28", 14 Gauge Galvanized Steel Duct	151.73	61.10
		For Flat Oval, Add	*7.48*	
		For Work In Restricted Working Space, Add	*30.55*	
23 31 13 13-1516	LF	10" x 30", 14 Gauge Galvanized Steel Duct	159.72	64.32
		For Flat Oval, Add	*7.88*	
		For Work In Restricted Working Space, Add	*32.16*	
23 31 13 13-1517	LF	10" x 32", 14 Gauge Galvanized Steel Duct	167.72	67.54
		For Flat Oval, Add	*8.27*	
		For Work In Restricted Working Space, Add	*33.77*	
23 31 13 13-1518	LF	12" x 12", 14 Gauge Galvanized Steel Duct	95.83	38.59
		For Flat Oval, Add	*4.73*	
		For Work In Restricted Working Space, Add	*19.30*	
23 31 13 13-1519	LF	12" x 14", 14 Gauge Galvanized Steel Duct	103.82	41.82
		For Flat Oval, Add	*5.12*	
		For Work In Restricted Working Space, Add	*20.90*	
23 31 13 13-1520	LF	12" x 16", 14 Gauge Galvanized Steel Duct	111.80	45.02
		For Flat Oval, Add	*5.51*	
		For Work In Restricted Working Space, Add	*22.51*	
23 31 13 13-1521	LF	12" x 18", 14 Gauge Galvanized Steel Duct	119.79	48.25
		For Flat Oval, Add	*5.91*	
		For Work In Restricted Working Space, Add	*24.12*	
23 31 13 13-1522	LF	12" x 20", 14 Gauge Galvanized Steel Duct	127.78	51.45
		For Flat Oval, Add	*6.30*	
		For Work In Restricted Working Space, Add	*25.73*	
23 31 13 13-1523	LF	12" x 22", 14 Gauge Galvanized Steel Duct	135.76	54.67
		For Flat Oval, Add	*6.70*	
		For Work In Restricted Working Space, Add	*27.34*	
23 31 13 13-1524	LF	12" x 24", 14 Gauge Galvanized Steel Duct	143.76	57.90
		For Flat Oval, Add	*7.09*	
		For Work In Restricted Working Space, Add	*28.95*	
23 31 13 13-1525	LF	12" x 26", 14 Gauge Galvanized Steel Duct	151.73	61.10
		For Flat Oval, Add	*7.48*	
		For Work In Restricted Working Space, Add	*30.55*	
23 31 13 13-1526	LF	12" x 28", 14 Gauge Galvanized Steel Duct	159.72	64.32
		For Flat Oval, Add	*7.88*	
		For Work In Restricted Working Space, Add	*32.16*	
23 31 13 13-1527	LF	12" x 30", 14 Gauge Galvanized Steel Duct	167.72	67.54
		For Flat Oval, Add	*8.27*	
		For Work In Restricted Working Space, Add	*33.77*	
23 31 13 13-1528	LF	12" x 32", 14 Gauge Galvanized Steel Duct	175.70	70.75
		For Flat Oval, Add	*8.67*	
		For Work In Restricted Working Space, Add	*35.38*	
23 31 13 13-1529	LF	12" x 34", 14 Gauge Galvanized Steel Duct	183.68	73.98
		For Flat Oval, Add	*9.06*	
		For Work In Restricted Working Space, Add	*36.98*	
23 31 13 13-1530	LF	12" x 36", 14 Gauge Galvanized Steel Duct	191.67	77.19
		For Flat Oval, Add	*9.45*	
		For Work In Restricted Working Space, Add	*38.60*	
23 31 13 13-1531	LF	14" x 14", 14 Gauge Galvanized Steel Duct	111.80	45.02
		For Flat Oval, Add	*5.51*	
		For Work In Restricted Working Space, Add	*22.51*	
23 31 13 13-1532	LF	14" x 16", 14 Gauge Galvanized Steel Duct	119.79	48.25
		For Flat Oval, Add	*5.91*	
		For Work In Restricted Working Space, Add	*24.12*	
23 31 13 13-1533	LF	14" x 18", 14 Gauge Galvanized Steel Duct	127.78	51.45
		For Flat Oval, Add	*6.30*	
		For Work In Restricted Working Space, Add	*25.73*	
23 31 13 13-1534	LF	14" x 20", 14 Gauge Galvanized Steel Duct	135.76	54.67
		For Flat Oval, Add	*6.70*	
		For Work In Restricted Working Space, Add	*27.34*	
23 31 13 13-1535	LF	14" x 22", 14 Gauge Galvanized Steel Duct	143.76	57.90
		For Flat Oval, Add	*7.09*	
		For Work In Restricted Working Space, Add	*28.95*	
23 31 13 13-1536	LF	14" x 24", 14 Gauge Galvanized Steel Duct	151.73	61.10
		For Flat Oval, Add	*7.48*	
		For Work In Restricted Working Space, Add	*30.55*	
23 31 13 13-1537	LF	14" x 26", 14 Gauge Galvanized Steel Duct	159.72	64.32
		For Flat Oval, Add	*7.88*	
		For Work In Restricted Working Space, Add	*32.16*	
23 31 13 13-1538	LF	14" x 28", 14 Gauge Galvanized Steel Duct	167.72	67.54
		For Flat Oval, Add	*8.27*	
		For Work In Restricted Working Space, Add	*33.77*	
23 31 13 13-1539	LF	14" x 30", 14 Gauge Galvanized Steel Duct	175.70	70.75
		For Flat Oval, Add	*8.67*	
		For Work In Restricted Working Space, Add	*35.38*	
23 31 13 13-1540	LF	14" x 32", 14 Gauge Galvanized Steel Duct	183.68	73.98
		For Flat Oval, Add	*9.06*	
		For Work In Restricted Working Space, Add	*36.98*	
23 31 13 13-1541	LF	14" x 34", 14 Gauge Galvanized Steel Duct	191.67	77.19
		For Flat Oval, Add	*9.45*	
		For Work In Restricted Working Space, Add	*38.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1542	LF	14" x 36", 14 Gauge Galvanized Steel Duct	199.66	80.40
		For Flat Oval, Add	*9.85*	
		For Work In Restricted Working Space, Add	*40.20*	
23 31 13 13-1543	LF	16" x 16", 14 Gauge Galvanized Steel Duct	127.78	51.45
		For Flat Oval, Add	*6.30*	
		For Work In Restricted Working Space, Add	*25.73*	
23 31 13 13-1544	LF	16" x 18", 14 Gauge Galvanized Steel Duct	135.76	54.67
		For Flat Oval, Add	*6.70*	
		For Work In Restricted Working Space, Add	*27.34*	
23 31 13 13-1545	LF	16" x 20", 14 Gauge Galvanized Steel Duct	143.76	57.90
		For Flat Oval, Add	*7.09*	
		For Work In Restricted Working Space, Add	*28.95*	
23 31 13 13-1546	LF	16" x 22", 14 Gauge Galvanized Steel Duct	151.73	61.10
		For Flat Oval, Add	*7.48*	
		For Work In Restricted Working Space, Add	*30.55*	
23 31 13 13-1547	LF	16" x 24", 14 Gauge Galvanized Steel Duct	159.72	64.32
		For Flat Oval, Add	*7.88*	
		For Work In Restricted Working Space, Add	*32.16*	
23 31 13 13-1548	LF	16" x 26", 14 Gauge Galvanized Steel Duct	167.72	67.54
		For Flat Oval, Add	*8.27*	
		For Work In Restricted Working Space, Add	*33.77*	
23 31 13 13-1549	LF	16" x 28", 14 Gauge Galvanized Steel Duct	175.70	70.75
		For Flat Oval, Add	*8.67*	
		For Work In Restricted Working Space, Add	*35.38*	
23 31 13 13-1550	LF	16" x 30", 14 Gauge Galvanized Steel Duct	183.68	73.98
		For Flat Oval, Add	*9.06*	
		For Work In Restricted Working Space, Add	*36.98*	
23 31 13 13-1551	LF	16" x 32", 14 Gauge Galvanized Steel Duct	191.67	77.19
		For Flat Oval, Add	*9.45*	
		For Work In Restricted Working Space, Add	*38.60*	
23 31 13 13-1552	LF	16" x 34", 14 Gauge Galvanized Steel Duct	199.66	80.40
		For Flat Oval, Add	*9.85*	
		For Work In Restricted Working Space, Add	*40.20*	
23 31 13 13-1553	LF	16" x 36", 14 Gauge Galvanized Steel Duct	207.65	83.62
		For Flat Oval, Add	*10.24*	
		For Work In Restricted Working Space, Add	*41.81*	
23 31 13 13-1554	LF	16" x 38", 14 Gauge Galvanized Steel Duct	215.64	86.84
		For Flat Oval, Add	*10.64*	
		For Work In Restricted Working Space, Add	*43.42*	
23 31 13 13-1555	LF	16" x 40", 14 Gauge Galvanized Steel Duct	223.62	90.05
		For Flat Oval, Add	*11.03*	
		For Work In Restricted Working Space, Add	*45.03*	
23 31 13 13-1556	LF	16" x 42", 14 Gauge Galvanized Steel Duct	231.60	93.27
		For Flat Oval, Add	*11.42*	
		For Work In Restricted Working Space, Add	*46.64*	
23 31 13 13-1557	LF	16" x 44", 14 Gauge Galvanized Steel Duct	239.59	96.49
		For Flat Oval, Add	*11.82*	
		For Work In Restricted Working Space, Add	*48.24*	
23 31 13 13-1558	LF	18" x 18", 14 Gauge Galvanized Steel Duct	143.76	57.90
		For Flat Oval, Add	*7.09*	
		For Work In Restricted Working Space, Add	*28.95*	
23 31 13 13-1559	LF	18" x 20", 14 Gauge Galvanized Steel Duct	151.73	61.10
		For Flat Oval, Add	*7.48*	
		For Work In Restricted Working Space, Add	*30.55*	
23 31 13 13-1560	LF	18" x 22", 14 Gauge Galvanized Steel Duct	159.72	64.32
		For Flat Oval, Add	*7.88*	
		For Work In Restricted Working Space, Add	*32.16*	
23 31 13 13-1561	LF	18" x 24", 14 Gauge Galvanized Steel Duct	167.72	67.54
		For Flat Oval, Add	*8.27*	
		For Work In Restricted Working Space, Add	*33.77*	
23 31 13 13-1562	LF	18" x 26", 14 Gauge Galvanized Steel Duct	175.70	70.75
		For Flat Oval, Add	*8.67*	
		For Work In Restricted Working Space, Add	*35.38*	
23 31 13 13-1563	LF	18" x 28", 14 Gauge Galvanized Steel Duct	183.68	73.98
		For Flat Oval, Add	*9.06*	
		For Work In Restricted Working Space, Add	*36.98*	
23 31 13 13-1564	LF	18" x 30", 14 Gauge Galvanized Steel Duct	191.67	77.19
		For Flat Oval, Add	*9.45*	
		For Work In Restricted Working Space, Add	*38.60*	
23 31 13 13-1565	LF	18" x 32", 14 Gauge Galvanized Steel Duct	199.66	80.40
		For Flat Oval, Add	*9.85*	
		For Work In Restricted Working Space, Add	*40.20*	
23 31 13 13-1566	LF	18" x 34", 14 Gauge Galvanized Steel Duct	207.65	83.62
		For Flat Oval, Add	*10.24*	
		For Work In Restricted Working Space, Add	*41.81*	
23 31 13 13-1567	LF	18" x 36", 14 Gauge Galvanized Steel Duct	215.64	86.84
		For Flat Oval, Add	*10.64*	
		For Work In Restricted Working Space, Add	*43.42*	
23 31 13 13-1568	LF	18" x 38", 14 Gauge Galvanized Steel Duct	223.62	90.05
		For Flat Oval, Add	*11.03*	
		For Work In Restricted Working Space, Add	*45.03*	
23 31 13 13-1569	LF	18" x 40", 14 Gauge Galvanized Steel Duct	231.60	93.27
		For Flat Oval, Add	*11.42*	
		For Work In Restricted Working Space, Add	*46.64*	
23 31 13 13-1570	LF	18" x 42", 14 Gauge Galvanized Steel Duct	239.59	96.49
		For Flat Oval, Add	*11.82*	
		For Work In Restricted Working Space, Add	*48.24*	
23 31 13 13-1571	LF	18" x 44", 14 Gauge Galvanized Steel Duct	247.58	99.70
		For Flat Oval, Add	*12.21*	
		For Work In Restricted Working Space, Add	*49.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1572	LF	18" x 46", 14 Gauge Galvanized Steel Duct	255.55	102.92
		For Flat Oval, Add	*12.60*	
		For Work In Restricted Working Space, Add	*51.46*	
23 31 13 13-1573	LF	20" x 20", 14 Gauge Galvanized Steel Duct	159.72	64.32
		For Flat Oval, Add	*7.88*	
		For Work In Restricted Working Space, Add	*32.16*	
23 31 13 13-1574	LF	20" x 22", 14 Gauge Galvanized Steel Duct	167.72	67.54
		For Flat Oval, Add	*8.27*	
		For Work In Restricted Working Space, Add	*33.77*	
23 31 13 13-1575	LF	20" x 24", 14 Gauge Galvanized Steel Duct	175.70	70.75
		For Flat Oval, Add	*8.67*	
		For Work In Restricted Working Space, Add	*35.38*	
23 31 13 13-1576	LF	20" x 26", 14 Gauge Galvanized Steel Duct	183.68	73.98
		For Flat Oval, Add	*9.06*	
		For Work In Restricted Working Space, Add	*36.98*	
23 31 13 13-1577	LF	20" x 28", 14 Gauge Galvanized Steel Duct	191.67	77.19
		For Flat Oval, Add	*9.45*	
		For Work In Restricted Working Space, Add	*38.60*	
23 31 13 13-1578	LF	20" x 30", 14 Gauge Galvanized Steel Duct	199.66	80.40
		For Flat Oval, Add	*9.85*	
		For Work In Restricted Working Space, Add	*40.20*	
23 31 13 13-1579	LF	20" x 32", 14 Gauge Galvanized Steel Duct	207.65	83.62
		For Flat Oval, Add	*10.24*	
		For Work In Restricted Working Space, Add	*41.81*	
23 31 13 13-1580	LF	20" x 34", 14 Gauge Galvanized Steel Duct	215.64	86.84
		For Flat Oval, Add	*10.64*	
		For Work In Restricted Working Space, Add	*43.42*	
23 31 13 13-1581	LF	20" x 36", 14 Gauge Galvanized Steel Duct	223.62	90.05
		For Flat Oval, Add	*11.03*	
		For Work In Restricted Working Space, Add	*45.03*	
23 31 13 13-1582	LF	20" x 38", 14 Gauge Galvanized Steel Duct	231.60	93.27
		For Flat Oval, Add	*11.42*	
		For Work In Restricted Working Space, Add	*46.64*	
23 31 13 13-1583	LF	20" x 40", 14 Gauge Galvanized Steel Duct	239.59	96.49
		For Flat Oval, Add	*11.82*	
		For Work In Restricted Working Space, Add	*48.24*	
23 31 13 13-1584	LF	20" x 42", 14 Gauge Galvanized Steel Duct	247.58	99.70
		For Flat Oval, Add	*12.21*	
		For Work In Restricted Working Space, Add	*49.85*	
23 31 13 13-1585	LF	20" x 44", 14 Gauge Galvanized Steel Duct	255.55	102.92
		For Flat Oval, Add	*12.60*	
		For Work In Restricted Working Space, Add	*51.46*	
23 31 13 13-1586	LF	20" x 46", 14 Gauge Galvanized Steel Duct	263.54	106.14
		For Flat Oval, Add	*13.00*	
		For Work In Restricted Working Space, Add	*53.06*	
23 31 13 13-1587	LF	20" x 48", 14 Gauge Galvanized Steel Duct	271.53	109.35
		For Flat Oval, Add	*13.39*	
		For Work In Restricted Working Space, Add	*54.68*	
23 31 13 13-1588	LF	22" x 22", 14 Gauge Galvanized Steel Duct	175.70	70.75
		For Flat Oval, Add	*8.67*	
		For Work In Restricted Working Space, Add	*35.38*	
23 31 13 13-1589	LF	22" x 24", 14 Gauge Galvanized Steel Duct	183.68	73.98
		For Flat Oval, Add	*9.06*	
		For Work In Restricted Working Space, Add	*36.98*	
23 31 13 13-1590	LF	22" x 26", 14 Gauge Galvanized Steel Duct	191.67	77.19
		For Flat Oval, Add	*9.45*	
		For Work In Restricted Working Space, Add	*38.60*	
23 31 13 13-1591	LF	22" x 28", 14 Gauge Galvanized Steel Duct	199.66	80.40
		For Flat Oval, Add	*9.85*	
		For Work In Restricted Working Space, Add	*40.20*	
23 31 13 13-1592	LF	22" x 30", 14 Gauge Galvanized Steel Duct	207.65	83.62
		For Flat Oval, Add	*10.24*	
		For Work In Restricted Working Space, Add	*41.81*	
23 31 13 13-1593	LF	22" x 32", 14 Gauge Galvanized Steel Duct	215.64	86.84
		For Flat Oval, Add	*10.64*	
		For Work In Restricted Working Space, Add	*43.42*	
23 31 13 13-1594	LF	22" x 34", 14 Gauge Galvanized Steel Duct	223.62	90.05
		For Flat Oval, Add	*11.03*	
		For Work In Restricted Working Space, Add	*45.03*	
23 31 13 13-1595	LF	22" x 36", 14 Gauge Galvanized Steel Duct	231.60	93.27
		For Flat Oval, Add	*11.42*	
		For Work In Restricted Working Space, Add	*46.64*	
23 31 13 13-1596	LF	22" x 38", 14 Gauge Galvanized Steel Duct	239.59	96.49
		For Flat Oval, Add	*11.82*	
		For Work In Restricted Working Space, Add	*48.24*	
23 31 13 13-1597	LF	22" x 40", 14 Gauge Galvanized Steel Duct	247.58	99.70
		For Flat Oval, Add	*12.21*	
		For Work In Restricted Working Space, Add	*49.85*	
23 31 13 13-1598	LF	22" x 42", 14 Gauge Galvanized Steel Duct	255.55	102.92
		For Flat Oval, Add	*12.60*	
		For Work In Restricted Working Space, Add	*51.46*	
23 31 13 13-1599	LF	22" x 44", 14 Gauge Galvanized Steel Duct	263.54	106.14
		For Flat Oval, Add	*13.00*	
		For Work In Restricted Working Space, Add	*53.06*	
23 31 13 13-1600	LF	22" x 46", 14 Gauge Galvanized Steel Duct	271.53	109.35
		For Flat Oval, Add	*13.39*	
		For Work In Restricted Working Space, Add	*54.68*	
23 31 13 13-1601	LF	22" x 48", 14 Gauge Galvanized Steel Duct	279.52	112.57
		For Flat Oval, Add	*13.79*	
		For Work In Restricted Working Space, Add	*56.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1602	LF	24" x 24", 14 Gauge Galvanized Steel Duct	191.67	77.19
		For Flat Oval, Add	*9.45*	
		For Work In Restricted Working Space, Add	*38.60*	
23 31 13 13-1603	LF	24" x 26", 14 Gauge Galvanized Steel Duct	199.66	80.40
		For Flat Oval, Add	*9.85*	
		For Work In Restricted Working Space, Add	*40.20*	
23 31 13 13-1604	LF	24" x 28", 14 Gauge Galvanized Steel Duct	207.65	83.62
		For Flat Oval, Add	*10.24*	
		For Work In Restricted Working Space, Add	*41.81*	
23 31 13 13-1605	LF	24" x 30", 14 Gauge Galvanized Steel Duct	215.64	86.84
		For Flat Oval, Add	*10.64*	
		For Work In Restricted Working Space, Add	*43.42*	
23 31 13 13-1606	LF	24" x 32", 14 Gauge Galvanized Steel Duct	223.62	90.05
		For Flat Oval, Add	*11.03*	
		For Work In Restricted Working Space, Add	*45.03*	
23 31 13 13-1607	LF	24" x 34", 14 Gauge Galvanized Steel Duct	231.60	93.27
		For Flat Oval, Add	*11.42*	
		For Work In Restricted Working Space, Add	*46.64*	
23 31 13 13-1608	LF	24" x 36", 14 Gauge Galvanized Steel Duct	239.59	96.49
		For Flat Oval, Add	*11.82*	
		For Work In Restricted Working Space, Add	*48.24*	
23 31 13 13-1609	LF	24" x 38", 14 Gauge Galvanized Steel Duct	247.58	99.70
		For Flat Oval, Add	*12.21*	
		For Work In Restricted Working Space, Add	*49.85*	
23 31 13 13-1610	LF	24" x 40", 14 Gauge Galvanized Steel Duct	255.55	102.92
		For Flat Oval, Add	*12.60*	
		For Work In Restricted Working Space, Add	*51.46*	
23 31 13 13-1611	LF	24" x 42", 14 Gauge Galvanized Steel Duct	263.54	106.14
		For Flat Oval, Add	*13.00*	
		For Work In Restricted Working Space, Add	*53.06*	
23 31 13 13-1612	LF	24" x 44", 14 Gauge Galvanized Steel Duct	271.53	109.35
		For Flat Oval, Add	*13.39*	
		For Work In Restricted Working Space, Add	*54.68*	
23 31 13 13-1613	LF	24" x 46", 14 Gauge Galvanized Steel Duct	279.52	112.57
		For Flat Oval, Add	*13.79*	
		For Work In Restricted Working Space, Add	*56.28*	
23 31 13 13-1614	LF	24" x 48", 14 Gauge Galvanized Steel Duct	287.50	115.78
		For Flat Oval, Add	*14.18*	
		For Work In Restricted Working Space, Add	*57.89*	
23 31 13 13-1615	LF	26" x 26", 14 Gauge Galvanized Steel Duct	207.65	83.62
		For Flat Oval, Add	*10.24*	
		For Work In Restricted Working Space, Add	*41.81*	
23 31 13 13-1616	LF	26" x 28", 14 Gauge Galvanized Steel Duct	215.64	86.84
		For Flat Oval, Add	*10.64*	
		For Work In Restricted Working Space, Add	*43.42*	
23 31 13 13-1617	LF	26" x 30", 14 Gauge Galvanized Steel Duct	223.62	90.05
		For Flat Oval, Add	*11.03*	
		For Work In Restricted Working Space, Add	*45.03*	
23 31 13 13-1618	LF	26" x 32", 14 Gauge Galvanized Steel Duct	231.60	93.27
		For Flat Oval, Add	*11.42*	
		For Work In Restricted Working Space, Add	*46.64*	
23 31 13 13-1619	LF	26" x 34", 14 Gauge Galvanized Steel Duct	239.59	96.49
		For Flat Oval, Add	*11.82*	
		For Work In Restricted Working Space, Add	*48.24*	
23 31 13 13-1620	LF	26" x 36", 14 Gauge Galvanized Steel Duct	247.58	99.70
		For Flat Oval, Add	*12.21*	
		For Work In Restricted Working Space, Add	*49.85*	
23 31 13 13-1621	LF	26" x 38", 14 Gauge Galvanized Steel Duct	255.55	102.92
		For Flat Oval, Add	*12.60*	
		For Work In Restricted Working Space, Add	*51.46*	
23 31 13 13-1622	LF	26" x 40", 14 Gauge Galvanized Steel Duct	263.54	106.14
		For Flat Oval, Add	*13.00*	
		For Work In Restricted Working Space, Add	*53.06*	
23 31 13 13-1623	LF	26" x 42", 14 Gauge Galvanized Steel Duct	271.53	109.35
		For Flat Oval, Add	*13.39*	
		For Work In Restricted Working Space, Add	*54.68*	
23 31 13 13-1624	LF	26" x 44", 14 Gauge Galvanized Steel Duct	279.52	112.57
		For Flat Oval, Add	*13.79*	
		For Work In Restricted Working Space, Add	*56.28*	
23 31 13 13-1625	LF	26" x 46", 14 Gauge Galvanized Steel Duct	287.50	115.78
		For Flat Oval, Add	*14.18*	
		For Work In Restricted Working Space, Add	*57.89*	
23 31 13 13-1626	LF	26" x 48", 14 Gauge Galvanized Steel Duct	295.49	119.00
		For Flat Oval, Add	*14.57*	
		For Work In Restricted Working Space, Add	*59.50*	
23 31 13 13-1627	LF	28" x 28", 14 Gauge Galvanized Steel Duct	223.62	90.05
		For Flat Oval, Add	*11.03*	
		For Work In Restricted Working Space, Add	*45.03*	
23 31 13 13-1628	LF	28" x 30", 14 Gauge Galvanized Steel Duct	231.60	93.27
		For Flat Oval, Add	*11.42*	
		For Work In Restricted Working Space, Add	*46.64*	
23 31 13 13-1629	LF	28" x 32", 14 Gauge Galvanized Steel Duct	239.59	96.49
		For Flat Oval, Add	*11.82*	
		For Work In Restricted Working Space, Add	*48.24*	
23 31 13 13-1630	LF	28" x 34", 14 Gauge Galvanized Steel Duct	247.58	99.70
		For Flat Oval, Add	*12.21*	
		For Work In Restricted Working Space, Add	*49.85*	
23 31 13 13-1631	LF	28" x 36", 14 Gauge Galvanized Steel Duct	255.55	102.92
		For Flat Oval, Add	*12.60*	
		For Work In Restricted Working Space, Add	*51.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1632	LF	28" x 38", 14 Gauge Galvanized Steel Duct	263.54	106.14
		For Flat Oval, Add	*13.00*	
		For Work In Restricted Working Space, Add	*53.06*	
23 31 13 13-1633	LF	28" x 40", 14 Gauge Galvanized Steel Duct	271.53	109.35
		For Flat Oval, Add	*13.39*	
		For Work In Restricted Working Space, Add	*54.68*	
23 31 13 13-1634	LF	28" x 42", 14 Gauge Galvanized Steel Duct	279.52	112.57
		For Flat Oval, Add	*13.79*	
		For Work In Restricted Working Space, Add	*56.28*	
23 31 13 13-1635	LF	28" x 44", 14 Gauge Galvanized Steel Duct	287.50	115.78
		For Flat Oval, Add	*14.18*	
		For Work In Restricted Working Space, Add	*57.89*	
23 31 13 13-1636	LF	28" x 46", 14 Gauge Galvanized Steel Duct	295.49	119.00
		For Flat Oval, Add	*14.57*	
		For Work In Restricted Working Space, Add	*59.50*	
23 31 13 13-1637	LF	28" x 48", 14 Gauge Galvanized Steel Duct	303.48	122.21
		For Flat Oval, Add	*14.97*	
		For Work In Restricted Working Space, Add	*61.11*	
23 31 13 13-1638	LF	30" x 30", 14 Gauge Galvanized Steel Duct	239.59	96.49
		For Flat Oval, Add	*11.82*	
		For Work In Restricted Working Space, Add	*48.24*	
23 31 13 13-1639	LF	30" x 32", 14 Gauge Galvanized Steel Duct	247.58	99.70
		For Flat Oval, Add	*12.21*	
		For Work In Restricted Working Space, Add	*49.85*	
23 31 13 13-1640	LF	30" x 34", 14 Gauge Galvanized Steel Duct	255.55	102.92
		For Flat Oval, Add	*12.60*	
		For Work In Restricted Working Space, Add	*51.46*	
23 31 13 13-1641	LF	30" x 36", 14 Gauge Galvanized Steel Duct	263.54	106.14
		For Flat Oval, Add	*13.00*	
		For Work In Restricted Working Space, Add	*53.06*	
23 31 13 13-1642	LF	30" x 38", 14 Gauge Galvanized Steel Duct	271.53	109.35
		For Flat Oval, Add	*13.39*	
		For Work In Restricted Working Space, Add	*54.68*	
23 31 13 13-1643	LF	30" x 40", 14 Gauge Galvanized Steel Duct	279.52	112.57
		For Flat Oval, Add	*13.79*	
		For Work In Restricted Working Space, Add	*56.28*	
23 31 13 13-1644	LF	30" x 42", 14 Gauge Galvanized Steel Duct	287.50	115.78
		For Flat Oval, Add	*14.18*	
		For Work In Restricted Working Space, Add	*57.89*	
23 31 13 13-1645	LF	30" x 44", 14 Gauge Galvanized Steel Duct	295.49	119.00
		For Flat Oval, Add	*14.57*	
		For Work In Restricted Working Space, Add	*59.50*	
23 31 13 13-1646	LF	30" x 46", 14 Gauge Galvanized Steel Duct	303.48	122.21
		For Flat Oval, Add	*14.97*	
		For Work In Restricted Working Space, Add	*61.11*	
23 31 13 13-1647	LF	30" x 48", 14 Gauge Galvanized Steel Duct	311.46	125.43
		For Flat Oval, Add	*15.36*	
		For Work In Restricted Working Space, Add	*62.72*	
23 31 13 13-1648	LF	32" x 32", 14 Gauge Galvanized Steel Duct	255.55	102.92
		For Flat Oval, Add	*12.60*	
		For Work In Restricted Working Space, Add	*51.46*	
23 31 13 13-1649	LF	32" x 34", 14 Gauge Galvanized Steel Duct	263.54	106.14
		For Flat Oval, Add	*13.00*	
		For Work In Restricted Working Space, Add	*53.06*	
23 31 13 13-1650	LF	32" x 36", 14 Gauge Galvanized Steel Duct	271.53	109.35
		For Flat Oval, Add	*13.39*	
		For Work In Restricted Working Space, Add	*54.68*	
23 31 13 13-1651	LF	32" x 38", 14 Gauge Galvanized Steel Duct	279.52	112.57
		For Flat Oval, Add	*13.79*	
		For Work In Restricted Working Space, Add	*56.28*	
23 31 13 13-1652	LF	32" x 40", 14 Gauge Galvanized Steel Duct	287.50	115.78
		For Flat Oval, Add	*14.18*	
		For Work In Restricted Working Space, Add	*57.89*	
23 31 13 13-1653	LF	32" x 42", 14 Gauge Galvanized Steel Duct	295.49	119.00
		For Flat Oval, Add	*14.57*	
		For Work In Restricted Working Space, Add	*59.50*	
23 31 13 13-1654	LF	32" x 44", 14 Gauge Galvanized Steel Duct	303.48	122.21
		For Flat Oval, Add	*14.97*	
		For Work In Restricted Working Space, Add	*61.11*	
23 31 13 13-1655	LF	32" x 46", 14 Gauge Galvanized Steel Duct	311.46	125.43
		For Flat Oval, Add	*15.36*	
		For Work In Restricted Working Space, Add	*62.72*	
23 31 13 13-1656	LF	32" x 48", 14 Gauge Galvanized Steel Duct	319.45	128.65
		For Flat Oval, Add	*15.76*	
		For Work In Restricted Working Space, Add	*64.32*	
23 31 13 13-1657	LF	34" x 34", 14 Gauge Galvanized Steel Duct	271.53	109.35
		For Flat Oval, Add	*13.39*	
		For Work In Restricted Working Space, Add	*54.68*	
23 31 13 13-1658	LF	34" x 36", 14 Gauge Galvanized Steel Duct	279.52	112.57
		For Flat Oval, Add	*13.79*	
		For Work In Restricted Working Space, Add	*56.28*	
23 31 13 13-1659	LF	34" x 38", 14 Gauge Galvanized Steel Duct	287.50	115.78
		For Flat Oval, Add	*14.18*	
		For Work In Restricted Working Space, Add	*57.89*	
23 31 13 13-1660	LF	34" x 40", 14 Gauge Galvanized Steel Duct	295.49	119.00
		For Flat Oval, Add	*14.57*	
		For Work In Restricted Working Space, Add	*59.50*	
23 31 13 13-1661	LF	34" x 42", 14 Gauge Galvanized Steel Duct	303.48	122.21
		For Flat Oval, Add	*14.97*	
		For Work In Restricted Working Space, Add	*61.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1662	LF	34" x 44", 14 Gauge Galvanized Steel Duct	311.46	125.43
		For Flat Oval, Add	*15.36*	
		For Work In Restricted Working Space, Add	*62.72*	
23 31 13 13-1663	LF	34" x 46", 14 Gauge Galvanized Steel Duct	319.45	128.65
		For Flat Oval, Add	*15.76*	
		For Work In Restricted Working Space, Add	*64.32*	
23 31 13 13-1664	LF	34" x 48", 14 Gauge Galvanized Steel Duct	327.44	131.86
		For Flat Oval, Add	*16.15*	
		For Work In Restricted Working Space, Add	*65.93*	
23 31 13 13-1665	LF	36" x 36", 14 Gauge Galvanized Steel Duct	287.50	115.78
		For Flat Oval, Add	*14.18*	
		For Work In Restricted Working Space, Add	*57.89*	
23 31 13 13-1666	LF	36" x 38", 14 Gauge Galvanized Steel Duct	295.49	119.00
		For Flat Oval, Add	*14.57*	
		For Work In Restricted Working Space, Add	*59.50*	
23 31 13 13-1667	LF	36" x 40", 14 Gauge Galvanized Steel Duct	303.48	122.21
		For Flat Oval, Add	*14.97*	
		For Work In Restricted Working Space, Add	*61.11*	
23 31 13 13-1668	LF	36" x 42", 14 Gauge Galvanized Steel Duct	311.46	125.43
		For Flat Oval, Add	*15.36*	
		For Work In Restricted Working Space, Add	*62.72*	
23 31 13 13-1669	LF	36" x 44", 14 Gauge Galvanized Steel Duct	319.45	128.65
		For Flat Oval, Add	*15.76*	
		For Work In Restricted Working Space, Add	*64.32*	
23 31 13 13-1670	LF	36" x 46", 14 Gauge Galvanized Steel Duct	327.44	131.86
		For Flat Oval, Add	*16.15*	
		For Work In Restricted Working Space, Add	*65.93*	
23 31 13 13-1671	LF	36" x 48", 14 Gauge Galvanized Steel Duct	335.42	135.08
		For Flat Oval, Add	*16.54*	
		For Work In Restricted Working Space, Add	*67.54*	
23 31 13 13-1672	LF	38" x 38", 14 Gauge Galvanized Steel Duct	303.48	122.21
		For Flat Oval, Add	*14.97*	
		For Work In Restricted Working Space, Add	*61.11*	
23 31 13 13-1673	LF	38" x 40", 14 Gauge Galvanized Steel Duct	311.46	125.43
		For Flat Oval, Add	*15.36*	
		For Work In Restricted Working Space, Add	*62.72*	
23 31 13 13-1674	LF	38" x 42", 14 Gauge Galvanized Steel Duct	319.45	128.65
		For Flat Oval, Add	*15.76*	
		For Work In Restricted Working Space, Add	*64.32*	
23 31 13 13-1675	LF	38" x 44", 14 Gauge Galvanized Steel Duct	327.44	131.86
		For Flat Oval, Add	*16.15*	
		For Work In Restricted Working Space, Add	*65.93*	
23 31 13 13-1676	LF	38" x 46", 14 Gauge Galvanized Steel Duct	335.42	135.08
		For Flat Oval, Add	*16.54*	
		For Work In Restricted Working Space, Add	*67.54*	
23 31 13 13-1677	LF	38" x 48", 14 Gauge Galvanized Steel Duct	343.42	138.29
		For Flat Oval, Add	*16.94*	
		For Work In Restricted Working Space, Add	*69.15*	
23 31 13 13-1678	LF	38" x 50", 14 Gauge Galvanized Steel Duct	351.39	141.51
		For Flat Oval, Add	*17.33*	
		For Work In Restricted Working Space, Add	*70.76*	
23 31 13 13-1679	LF	40" x 40", 14 Gauge Galvanized Steel Duct	319.45	128.65
		For Flat Oval, Add	*15.76*	
		For Work In Restricted Working Space, Add	*64.32*	
23 31 13 13-1680	LF	40" x 42", 14 Gauge Galvanized Steel Duct	327.44	131.86
		For Flat Oval, Add	*16.15*	
		For Work In Restricted Working Space, Add	*65.93*	
23 31 13 13-1681	LF	40" x 44", 14 Gauge Galvanized Steel Duct	335.42	135.08
		For Flat Oval, Add	*16.54*	
		For Work In Restricted Working Space, Add	*67.54*	
23 31 13 13-1682	LF	40" x 46", 14 Gauge Galvanized Steel Duct	343.42	138.29
		For Flat Oval, Add	*16.94*	
		For Work In Restricted Working Space, Add	*69.15*	
23 31 13 13-1683	LF	40" x 48", 14 Gauge Galvanized Steel Duct	351.39	141.51
		For Flat Oval, Add	*17.33*	
		For Work In Restricted Working Space, Add	*70.76*	
23 31 13 13-1684	LF	40" x 50", 14 Gauge Galvanized Steel Duct	359.38	144.74
		For Flat Oval, Add	*17.73*	
		For Work In Restricted Working Space, Add	*72.36*	
23 31 13 13-1685	LF	40" x 52", 14 Gauge Galvanized Steel Duct	367.38	147.94
		For Flat Oval, Add	*18.12*	
		For Work In Restricted Working Space, Add	*73.97*	
23 31 13 13-1686	LF	40" x 54", 14 Gauge Galvanized Steel Duct	375.36	151.16
		For Flat Oval, Add	*18.51*	
		For Work In Restricted Working Space, Add	*75.58*	
23 31 13 13-1687	LF	40" x 56", 14 Gauge Galvanized Steel Duct	383.34	154.37
		For Flat Oval, Add	*18.91*	
		For Work In Restricted Working Space, Add	*77.19*	
23 31 13 13-1688	LF	42" x 42", 14 Gauge Galvanized Steel Duct	335.42	135.08
		For Flat Oval, Add	*16.54*	
		For Work In Restricted Working Space, Add	*67.54*	
23 31 13 13-1689	LF	42" x 44", 14 Gauge Galvanized Steel Duct	343.42	138.29
		For Flat Oval, Add	*16.94*	
		For Work In Restricted Working Space, Add	*69.15*	
23 31 13 13-1690	LF	42" x 46", 14 Gauge Galvanized Steel Duct	351.39	141.51
		For Flat Oval, Add	*17.33*	
		For Work In Restricted Working Space, Add	*70.76*	
23 31 13 13-1691	LF	42" x 48", 14 Gauge Galvanized Steel Duct	359.38	144.74
		For Flat Oval, Add	*17.73*	
		For Work In Restricted Working Space, Add	*72.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1692	LF	42" x 50", 14 Gauge Galvanized Steel Duct	367.38	147.94
		For Flat Oval, Add	*18.12*	
		For Work In Restricted Working Space, Add	*73.97*	
23 31 13 13-1693	LF	42" x 52", 14 Gauge Galvanized Steel Duct	375.36	151.16
		For Flat Oval, Add	*18.51*	
		For Work In Restricted Working Space, Add	*75.58*	
23 31 13 13-1694	LF	42" x 54", 14 Gauge Galvanized Steel Duct	383.34	154.37
		For Flat Oval, Add	*18.91*	
		For Work In Restricted Working Space, Add	*77.19*	
23 31 13 13-1695	LF	42" x 56", 14 Gauge Galvanized Steel Duct	391.33	157.59
		For Flat Oval, Add	*19.30*	
		For Work In Restricted Working Space, Add	*78.80*	
23 31 13 13-1696	LF	44" x 44", 14 Gauge Galvanized Steel Duct	351.39	141.51
		For Flat Oval, Add	*17.33*	
		For Work In Restricted Working Space, Add	*70.76*	
23 31 13 13-1697	LF	44" x 46", 14 Gauge Galvanized Steel Duct	359.38	144.74
		For Flat Oval, Add	*17.73*	
		For Work In Restricted Working Space, Add	*72.36*	
23 31 13 13-1698	LF	44" x 48", 14 Gauge Galvanized Steel Duct	367.38	147.94
		For Flat Oval, Add	*18.12*	
		For Work In Restricted Working Space, Add	*73.97*	
23 31 13 13-1699	LF	44" x 50", 14 Gauge Galvanized Steel Duct	375.36	151.16
		For Flat Oval, Add	*18.51*	
		For Work In Restricted Working Space, Add	*75.58*	
23 31 13 13-1700	LF	44" x 52", 14 Gauge Galvanized Steel Duct	383.34	154.37
		For Flat Oval, Add	*18.91*	
		For Work In Restricted Working Space, Add	*77.19*	
23 31 13 13-1701	LF	44" x 54", 14 Gauge Galvanized Steel Duct	391.33	157.59
		For Flat Oval, Add	*19.30*	
		For Work In Restricted Working Space, Add	*78.80*	
23 31 13 13-1702	LF	44" x 56", 14 Gauge Galvanized Steel Duct	399.32	160.81
		For Flat Oval, Add	*19.70*	
		For Work In Restricted Working Space, Add	*80.41*	
23 31 13 13-1703	LF	46" x 46", 14 Gauge Galvanized Steel Duct	367.38	147.94
		For Flat Oval, Add	*18.12*	
		For Work In Restricted Working Space, Add	*73.97*	
23 31 13 13-1704	LF	46" x 48", 14 Gauge Galvanized Steel Duct	375.36	151.16
		For Flat Oval, Add	*18.51*	
		For Work In Restricted Working Space, Add	*75.58*	
23 31 13 13-1705	LF	46" x 50", 14 Gauge Galvanized Steel Duct	383.34	154.37
		For Flat Oval, Add	*18.91*	
		For Work In Restricted Working Space, Add	*77.19*	
23 31 13 13-1706	LF	46" x 52", 14 Gauge Galvanized Steel Duct	391.33	157.59
		For Flat Oval, Add	*19.30*	
		For Work In Restricted Working Space, Add	*78.80*	
23 31 13 13-1707	LF	46" x 54", 14 Gauge Galvanized Steel Duct	399.32	160.81
		For Flat Oval, Add	*19.70*	
		For Work In Restricted Working Space, Add	*80.41*	
23 31 13 13-1708	LF	46" x 56", 14 Gauge Galvanized Steel Duct	407.30	164.02
		For Flat Oval, Add	*20.09*	
		For Work In Restricted Working Space, Add	*82.01*	
23 31 13 13-1709	LF	46" x 58", 14 Gauge Galvanized Steel Duct	415.29	167.24
		For Flat Oval, Add	*20.48*	
		For Work In Restricted Working Space, Add	*83.62*	
23 31 13 13-1710	LF	48" x 48", 14 Gauge Galvanized Steel Duct	383.34	154.37
		For Flat Oval, Add	*18.91*	
		For Work In Restricted Working Space, Add	*77.19*	
23 31 13 13-1711	LF	48" x 50", 14 Gauge Galvanized Steel Duct	391.33	157.59
		For Flat Oval, Add	*19.30*	
		For Work In Restricted Working Space, Add	*78.80*	
23 31 13 13-1712	LF	48" x 52", 14 Gauge Galvanized Steel Duct	399.32	160.81
		For Flat Oval, Add	*19.70*	
		For Work In Restricted Working Space, Add	*80.41*	
23 31 13 13-1713	LF	48" x 54", 14 Gauge Galvanized Steel Duct	407.30	164.02
		For Flat Oval, Add	*20.09*	
		For Work In Restricted Working Space, Add	*82.01*	
23 31 13 13-1714	LF	48" x 56", 14 Gauge Galvanized Steel Duct	415.29	167.24
		For Flat Oval, Add	*20.48*	
		For Work In Restricted Working Space, Add	*83.62*	
23 31 13 13-1715	LF	48" x 58", 14 Gauge Galvanized Steel Duct	423.27	170.46
		For Flat Oval, Add	*20.88*	
		For Work In Restricted Working Space, Add	*85.23*	
23 31 13 13-1716	LF	48" x 60", 14 Gauge Galvanized Steel Duct	431.25	173.67
		For Flat Oval, Add	*21.27*	
		For Work In Restricted Working Space, Add	*86.84*	
23 31 13 13-1717	LF	50" x 50", 14 Gauge Galvanized Steel Duct	399.32	160.81
		For Flat Oval, Add	*19.70*	
		For Work In Restricted Working Space, Add	*80.41*	
23 31 13 13-1718	LF	50" x 52", 14 Gauge Galvanized Steel Duct	407.30	164.02
		For Flat Oval, Add	*20.09*	
		For Work In Restricted Working Space, Add	*82.01*	
23 31 13 13-1719	LF	50" x 54", 14 Gauge Galvanized Steel Duct	415.29	167.24
		For Flat Oval, Add	*20.48*	
		For Work In Restricted Working Space, Add	*83.62*	
23 31 13 13-1720	LF	50" x 56", 14 Gauge Galvanized Steel Duct	423.27	170.46
		For Flat Oval, Add	*20.88*	
		For Work In Restricted Working Space, Add	*85.23*	
23 31 13 13-1721	LF	50" x 58", 14 Gauge Galvanized Steel Duct	431.25	173.67
		For Flat Oval, Add	*21.27*	
		For Work In Restricted Working Space, Add	*86.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1722	LF	50" x 60", 14 Gauge Galvanized Steel Duct	439.25	176.88
		For Flat Oval, Add	*21.66*	
		For Work In Restricted Working Space, Add	*88.45*	
23 31 13 13-1723	LF	52" x 52", 14 Gauge Galvanized Steel Duct	415.29	167.24
		For Flat Oval, Add	*20.48*	
		For Work In Restricted Working Space, Add	*83.62*	
23 31 13 13-1724	LF	52" x 54", 14 Gauge Galvanized Steel Duct	423.27	170.46
		For Flat Oval, Add	*20.88*	
		For Work In Restricted Working Space, Add	*85.23*	
23 31 13 13-1725	LF	52" x 56", 14 Gauge Galvanized Steel Duct	431.25	173.67
		For Flat Oval, Add	*21.27*	
		For Work In Restricted Working Space, Add	*86.84*	
23 31 13 13-1726	LF	52" x 58", 14 Gauge Galvanized Steel Duct	439.25	176.88
		For Flat Oval, Add	*21.66*	
		For Work In Restricted Working Space, Add	*88.45*	
23 31 13 13-1727	LF	52" x 60", 14 Gauge Galvanized Steel Duct	447.24	180.11
		For Flat Oval, Add	*22.06*	
		For Work In Restricted Working Space, Add	*90.05*	
23 31 13 13-1728	LF	54" x 54", 14 Gauge Galvanized Steel Duct	431.25	173.67
		For Flat Oval, Add	*21.27*	
		For Work In Restricted Working Space, Add	*86.84*	
23 31 13 13-1729	LF	54" x 56", 14 Gauge Galvanized Steel Duct	439.25	176.88
		For Flat Oval, Add	*21.66*	
		For Work In Restricted Working Space, Add	*88.45*	
23 31 13 13-1730	LF	54" x 58", 14 Gauge Galvanized Steel Duct	447.24	180.11
		For Flat Oval, Add	*22.06*	
		For Work In Restricted Working Space, Add	*90.05*	
23 31 13 13-1731	LF	54" x 60", 14 Gauge Galvanized Steel Duct	455.21	183.32
		For Flat Oval, Add	*22.45*	
		For Work In Restricted Working Space, Add	*91.66*	
23 31 13 13-1732	LF	54" x 62", 14 Gauge Galvanized Steel Duct	463.20	186.53
		For Flat Oval, Add	*22.85*	
		For Work In Restricted Working Space, Add	*93.27*	
23 31 13 13-1733	LF	54" x 64", 14 Gauge Galvanized Steel Duct	471.19	189.76
		For Flat Oval, Add	*23.24*	
		For Work In Restricted Working Space, Add	*94.88*	
23 31 13 13-1734	LF	56" x 56", 14 Gauge Galvanized Steel Duct	447.24	180.11
		For Flat Oval, Add	*22.06*	
		For Work In Restricted Working Space, Add	*90.05*	
23 31 13 13-1735	LF	56" x 58", 14 Gauge Galvanized Steel Duct	455.21	183.32
		For Flat Oval, Add	*22.45*	
		For Work In Restricted Working Space, Add	*91.66*	
23 31 13 13-1736	LF	56" x 60", 14 Gauge Galvanized Steel Duct	463.20	186.53
		For Flat Oval, Add	*22.85*	
		For Work In Restricted Working Space, Add	*93.27*	
23 31 13 13-1737	LF	56" x 62", 14 Gauge Galvanized Steel Duct	471.19	189.76
		For Flat Oval, Add	*23.24*	
		For Work In Restricted Working Space, Add	*94.88*	
23 31 13 13-1738	LF	56" x 64", 14 Gauge Galvanized Steel Duct	479.18	192.96
		For Flat Oval, Add	*23.63*	
		For Work In Restricted Working Space, Add	*96.49*	
23 31 13 13-1739	LF	58" x 58", 14 Gauge Galvanized Steel Duct	463.20	186.53
		For Flat Oval, Add	*22.85*	
		For Work In Restricted Working Space, Add	*93.27*	
23 31 13 13-1740	LF	58" x 60", 14 Gauge Galvanized Steel Duct	471.19	189.76
		For Flat Oval, Add	*23.24*	
		For Work In Restricted Working Space, Add	*94.88*	
23 31 13 13-1741	LF	58" x 62", 14 Gauge Galvanized Steel Duct	479.18	192.96
		For Flat Oval, Add	*23.63*	
		For Work In Restricted Working Space, Add	*96.49*	
23 31 13 13-1742	LF	58" x 64", 14 Gauge Galvanized Steel Duct	487.16	196.19
		For Flat Oval, Add	*24.03*	
		For Work In Restricted Working Space, Add	*98.09*	
23 31 13 13-1743	LF	58" x 66", 14 Gauge Galvanized Steel Duct	495.15	199.41
		For Flat Oval, Add	*24.42*	
		For Work In Restricted Working Space, Add	*99.70*	
23 31 13 13-1744	LF	60" x 60", 14 Gauge Galvanized Steel Duct	479.18	192.96
		For Flat Oval, Add	*23.63*	
		For Work In Restricted Working Space, Add	*96.49*	
23 31 13 13-1745	LF	60" x 62", 14 Gauge Galvanized Steel Duct	487.16	196.19
		For Flat Oval, Add	*24.03*	
		For Work In Restricted Working Space, Add	*98.09*	
23 31 13 13-1746	LF	60" x 64", 14 Gauge Galvanized Steel Duct	495.15	199.41
		For Flat Oval, Add	*24.42*	
		For Work In Restricted Working Space, Add	*99.70*	
23 31 13 13-1747	LF	60" x 66", 14 Gauge Galvanized Steel Duct	503.14	202.61
		For Flat Oval, Add	*24.82*	
		For Work In Restricted Working Space, Add	*101.31*	
23 31 13 13-1748	LF	60" x 68", 14 Gauge Galvanized Steel Duct	511.12	205.84
		For Flat Oval, Add	*25.21*	
		For Work In Restricted Working Space, Add	*102.92*	
23 31 13 13-1749	LF	62" x 62", 14 Gauge Galvanized Steel Duct	495.15	199.41
		For Flat Oval, Add	*24.42*	
		For Work In Restricted Working Space, Add	*99.70*	
23 31 13 13-1750	LF	62" x 64", 14 Gauge Galvanized Steel Duct	503.14	202.61
		For Flat Oval, Add	*24.82*	
		For Work In Restricted Working Space, Add	*101.31*	
23 31 13 13-1751	LF	62" x 66", 14 Gauge Galvanized Steel Duct	511.12	205.84
		For Flat Oval, Add	*25.21*	
		For Work In Restricted Working Space, Add	*102.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1752	LF	62" x 68", 14 Gauge Galvanized Steel Duct	519.11	209.05
		For Flat Oval, Add	*25.60*	
		For Work In Restricted Working Space, Add	*104.53*	
23 31 13 13-1753	LF	62" x 70", 14 Gauge Galvanized Steel Duct	527.10	212.27
		For Flat Oval, Add	*26.00*	
		For Work In Restricted Working Space, Add	*106.13*	
23 31 13 13-1754	LF	64" x 64", 14 Gauge Galvanized Steel Duct	511.12	205.84
		For Flat Oval, Add	*25.21*	
		For Work In Restricted Working Space, Add	*102.92*	
23 31 13 13-1755	LF	64" x 66", 14 Gauge Galvanized Steel Duct	519.11	209.05
		For Flat Oval, Add	*25.60*	
		For Work In Restricted Working Space, Add	*104.53*	
23 31 13 13-1756	LF	64" x 68", 14 Gauge Galvanized Steel Duct	527.10	212.27
		For Flat Oval, Add	*26.00*	
		For Work In Restricted Working Space, Add	*106.13*	
23 31 13 13-1757	LF	64" x 70", 14 Gauge Galvanized Steel Duct	535.08	215.49
		For Flat Oval, Add	*26.39*	
		For Work In Restricted Working Space, Add	*107.74*	
23 31 13 13-1758	LF	66" x 66", 14 Gauge Galvanized Steel Duct	527.10	212.27
		For Flat Oval, Add	*26.00*	
		For Work In Restricted Working Space, Add	*106.13*	
23 31 13 13-1759	LF	66" x 68", 14 Gauge Galvanized Steel Duct	535.08	215.49
		For Flat Oval, Add	*26.39*	
		For Work In Restricted Working Space, Add	*107.74*	
23 31 13 13-1760	LF	66" x 70", 14 Gauge Galvanized Steel Duct	543.08	218.70
		For Flat Oval, Add	*26.79*	
		For Work In Restricted Working Space, Add	*109.35*	
23 31 13 13-1761	LF	66" x 72", 14 Gauge Galvanized Steel Duct	551.06	221.92
		For Flat Oval, Add	*27.18*	
		For Work In Restricted Working Space, Add	*110.96*	
23 31 13 13-1762	LF	68" x 68", 14 Gauge Galvanized Steel Duct	543.08	218.70
		For Flat Oval, Add	*26.79*	
		For Work In Restricted Working Space, Add	*109.35*	
23 31 13 13-1763	LF	68" x 70", 14 Gauge Galvanized Steel Duct	551.06	221.92
		For Flat Oval, Add	*27.18*	
		For Work In Restricted Working Space, Add	*110.96*	
23 31 13 13-1764	LF	68" x 72", 14 Gauge Galvanized Steel Duct	559.04	225.13
		For Flat Oval, Add	*27.57*	
		For Work In Restricted Working Space, Add	*112.57*	
23 31 13 13-1765	LF	68" x 74", 14 Gauge Galvanized Steel Duct	567.03	228.35
		For Flat Oval, Add	*27.97*	
		For Work In Restricted Working Space, Add	*114.17*	
23 31 13 13-1766	LF	70" x 70", 14 Gauge Galvanized Steel Duct	559.04	225.13
		For Flat Oval, Add	*27.57*	
		For Work In Restricted Working Space, Add	*112.57*	
23 31 13 13-1767	LF	70" x 72", 14 Gauge Galvanized Steel Duct	567.03	228.35
		For Flat Oval, Add	*27.97*	
		For Work In Restricted Working Space, Add	*114.17*	
23 31 13 13-1768	LF	70" x 74", 14 Gauge Galvanized Steel Duct	575.01	231.57
		For Flat Oval, Add	*28.36*	
		For Work In Restricted Working Space, Add	*115.78*	
23 31 13 13-1769	LF	70" x 76", 14 Gauge Galvanized Steel Duct	582.99	234.78
		For Flat Oval, Add	*28.76*	
		For Work In Restricted Working Space, Add	*117.39*	
23 31 13 13-1770	LF	70" x 78", 14 Gauge Galvanized Steel Duct	590.99	238.00
		For Flat Oval, Add	*29.15*	
		For Work In Restricted Working Space, Add	*119.00*	
23 31 13 13-1771	LF	70" x 80", 14 Gauge Galvanized Steel Duct	598.97	241.21
		For Flat Oval, Add	*29.54*	
		For Work In Restricted Working Space, Add	*120.61*	
23 31 13 13-1772	LF	70" x 82", 14 Gauge Galvanized Steel Duct	606.96	244.43
		For Flat Oval, Add	*29.94*	
		For Work In Restricted Working Space, Add	*122.21*	
23 31 13 13-1773	LF	70" x 84", 14 Gauge Galvanized Steel Duct	614.94	247.65
		For Flat Oval, Add	*30.33*	
		For Work In Restricted Working Space, Add	*123.82*	
23 31 13 13-1774	LF	70" x 86", 14 Gauge Galvanized Steel Duct	622.93	250.86
		For Flat Oval, Add	*30.72*	
		For Work In Restricted Working Space, Add	*125.43*	
23 31 13 13-1775	LF	72" x 72", 14 Gauge Galvanized Steel Duct	575.01	231.57
		For Flat Oval, Add	*28.36*	
		For Work In Restricted Working Space, Add	*115.78*	
23 31 13 13-1776	LF	72" x 74", 14 Gauge Galvanized Steel Duct	582.99	234.78
		For Flat Oval, Add	*28.76*	
		For Work In Restricted Working Space, Add	*117.39*	
23 31 13 13-1777	LF	72" x 76", 14 Gauge Galvanized Steel Duct	590.99	238.00
		For Flat Oval, Add	*29.15*	
		For Work In Restricted Working Space, Add	*119.00*	
23 31 13 13-1778	LF	72" x 78", 14 Gauge Galvanized Steel Duct	598.97	241.21
		For Flat Oval, Add	*29.54*	
		For Work In Restricted Working Space, Add	*120.61*	
23 31 13 13-1779	LF	72" x 80", 14 Gauge Galvanized Steel Duct	606.96	244.43
		For Flat Oval, Add	*29.94*	
		For Work In Restricted Working Space, Add	*122.21*	
23 31 13 13-1780	LF	72" x 82", 14 Gauge Galvanized Steel Duct	614.94	247.65
		For Flat Oval, Add	*30.33*	
		For Work In Restricted Working Space, Add	*123.82*	
23 31 13 13-1781	LF	72" x 84", 14 Gauge Galvanized Steel Duct	622.93	250.86
		For Flat Oval, Add	*30.72*	
		For Work In Restricted Working Space, Add	*125.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1782	LF	72" x 86", 14 Gauge Galvanized Steel Duct	630.92	254.08
		For Flat Oval, Add	*31.12*	
		For Work In Restricted Working Space, Add	*127.04*	
23 31 13 13-1783	LF	74" x 74", 14 Gauge Galvanized Steel Duct	590.99	238.00
		For Flat Oval, Add	*29.15*	
		For Work In Restricted Working Space, Add	*119.00*	
23 31 13 13-1784	LF	74" x 76", 14 Gauge Galvanized Steel Duct	598.97	241.21
		For Flat Oval, Add	*29.54*	
		For Work In Restricted Working Space, Add	*120.61*	
23 31 13 13-1785	LF	74" x 78", 14 Gauge Galvanized Steel Duct	606.96	244.43
		For Flat Oval, Add	*29.94*	
		For Work In Restricted Working Space, Add	*122.21*	
23 31 13 13-1786	LF	74" x 80", 14 Gauge Galvanized Steel Duct	614.94	247.65
		For Flat Oval, Add	*30.33*	
		For Work In Restricted Working Space, Add	*123.82*	
23 31 13 13-1787	LF	74" x 82", 14 Gauge Galvanized Steel Duct	622.93	250.86
		For Flat Oval, Add	*30.72*	
		For Work In Restricted Working Space, Add	*125.43*	
23 31 13 13-1788	LF	74" x 84", 14 Gauge Galvanized Steel Duct	630.92	254.08
		For Flat Oval, Add	*31.12*	
		For Work In Restricted Working Space, Add	*127.04*	
23 31 13 13-1789	LF	74" x 86", 14 Gauge Galvanized Steel Duct	638.90	257.29
		For Flat Oval, Add	*31.51*	
		For Work In Restricted Working Space, Add	*128.65*	
23 31 13 13-1790	LF	76" x 76", 14 Gauge Galvanized Steel Duct	606.96	244.43
		For Flat Oval, Add	*29.94*	
		For Work In Restricted Working Space, Add	*122.21*	
23 31 13 13-1791	LF	76" x 78", 14 Gauge Galvanized Steel Duct	614.94	247.65
		For Flat Oval, Add	*30.33*	
		For Work In Restricted Working Space, Add	*123.82*	
23 31 13 13-1792	LF	76" x 80", 14 Gauge Galvanized Steel Duct	622.93	250.86
		For Flat Oval, Add	*30.72*	
		For Work In Restricted Working Space, Add	*125.43*	
23 31 13 13-1793	LF	76" x 82", 14 Gauge Galvanized Steel Duct	630.92	254.08
		For Flat Oval, Add	*31.12*	
		For Work In Restricted Working Space, Add	*127.04*	
23 31 13 13-1794	LF	76" x 84", 14 Gauge Galvanized Steel Duct	638.90	257.29
		For Flat Oval, Add	*31.51*	
		For Work In Restricted Working Space, Add	*128.65*	
23 31 13 13-1795	LF	76" x 86", 14 Gauge Galvanized Steel Duct	646.90	260.51
		For Flat Oval, Add	*31.91*	
		For Work In Restricted Working Space, Add	*130.26*	
23 31 13 13-1796	LF	78" x 78", 14 Gauge Galvanized Steel Duct	622.93	250.86
		For Flat Oval, Add	*30.72*	
		For Work In Restricted Working Space, Add	*125.43*	
23 31 13 13-1797	LF	78" x 80", 14 Gauge Galvanized Steel Duct	630.92	254.08
		For Flat Oval, Add	*31.12*	
		For Work In Restricted Working Space, Add	*127.04*	
23 31 13 13-1798	LF	78" x 82", 14 Gauge Galvanized Steel Duct	638.90	257.29
		For Flat Oval, Add	*31.51*	
		For Work In Restricted Working Space, Add	*128.65*	
23 31 13 13-1799	LF	78" x 84", 14 Gauge Galvanized Steel Duct	646.90	260.51
		For Flat Oval, Add	*31.91*	
		For Work In Restricted Working Space, Add	*130.26*	
23 31 13 13-1800	LF	78" x 86", 14 Gauge Galvanized Steel Duct	654.87	263.72
		For Flat Oval, Add	*32.30*	
		For Work In Restricted Working Space, Add	*131.86*	
23 31 13 13-1801	LF	80" x 80", 14 Gauge Galvanized Steel Duct	638.90	257.29
		For Flat Oval, Add	*31.51*	
		For Work In Restricted Working Space, Add	*128.65*	
23 31 13 13-1802	LF	80" x 82", 14 Gauge Galvanized Steel Duct	646.90	260.51
		For Flat Oval, Add	*31.91*	
		For Work In Restricted Working Space, Add	*130.26*	
23 31 13 13-1803	LF	80" x 84", 14 Gauge Galvanized Steel Duct	654.87	263.72
		For Flat Oval, Add	*32.30*	
		For Work In Restricted Working Space, Add	*131.86*	
23 31 13 13-1804	LF	80" x 86", 14 Gauge Galvanized Steel Duct	662.86	266.94
		For Flat Oval, Add	*32.69*	
		For Work In Restricted Working Space, Add	*133.47*	
23 31 13 13-1805	LF	82" x 82", 14 Gauge Galvanized Steel Duct	654.87	263.72
		For Flat Oval, Add	*32.30*	
		For Work In Restricted Working Space, Add	*131.86*	
23 31 13 13-1806	LF	82" x 84", 14 Gauge Galvanized Steel Duct	662.86	266.94
		For Flat Oval, Add	*32.69*	
		For Work In Restricted Working Space, Add	*133.47*	
23 31 13 13-1807	LF	82" x 86", 14 Gauge Galvanized Steel Duct	670.86	270.16
		For Flat Oval, Add	*33.09*	
		For Work In Restricted Working Space, Add	*135.08*	
23 31 13 13-1808	LF	84" x 84", 14 Gauge Galvanized Steel Duct	670.86	270.16
		For Flat Oval, Add	*33.09*	
		For Work In Restricted Working Space, Add	*135.08*	
23 31 13 13-1809	LF	84" x 86", 14 Gauge Galvanized Steel Duct	678.84	273.37
		For Flat Oval, Add	*33.48*	
		For Work In Restricted Working Space, Add	*136.69*	
23 31 13 13-1810	LF	86" x 86", 14 Gauge Galvanized Steel Duct	686.82	276.59
		For Flat Oval, Add	*33.88*	
		For Work In Restricted Working Space, Add	*138.29*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1811		Aluminum Sheet Metal Duct Alloy 3003-H14 *(23 31 13 13)*		
		Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.		
23 31 13 13-1812	LB	Aluminum Sheet Metal Ductwork, Low Pressure, Alloy 3003-H14	13.82	2.21
		For Work In Restricted Working Space, Add	*3.76*	
		For Up To 200 LB, Add	*4.54*	
		For >200 To 500, Add	*2.81*	
		For >500 To 1000, Add	*2.03*	
		For >1000 To 2000, Add	*1.14*	
		For >2000 To 5000, Add	*0.54*	
23 31 13 13-1813		Stainless Steel Sheet Metal Duct Type 304 *(23 31 13 13)*		
		Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.		
23 31 13 13-1814	LB	Stainless Steel Sheet Metal Ductwork, Low Pressure, Type 304	13.94	2.94
		For Type 316 Stainless Steel, Add	*0.39*	
		For Welded Seams, Add	*5.21*	
		For Work In Restricted Working Space, Add	*3.01*	
		For Up To 200 LB, Add	*5.36*	
		For >200 To 500, Add	*3.49*	
		For >500 To 1000, Add	*2.23*	
		For >1000 To 2000, Add	*1.23*	
		For >2000 To 5000, Add	*0.52*	
23 31 13 13-1815	LB	Stainless Steel Sheet Metal Ductwork, Medium Pressure, Type 304	15.96	3.68
		For Type 316 Stainless Steel, Add	*0.45*	
		For Welded Seams, Add	*5.95*	
		For Work In Restricted Working Space, Add	*3.44*	
		For Up To 200 LB, Add	*6.14*	
		For >200 To 500, Add	*4.00*	
		For >500 To 1000, Add	*2.55*	
		For >1000 To 2000, Add	*1.41*	
		For >2000 To 5000, Add	*0.59*	
23 31 13 13-1816	LB	Stainless Steel Sheet Metal Ductwork, High Pressure, Type 304	19.46	4.42
		For Type 316 Stainless Steel, Add	*0.55*	
		For Welded Seams, Add	*7.27*	
		For Work In Restricted Working Space, Add	*4.20*	
		For Up To 200 LB, Add	*7.48*	
		For >200 To 500, Add	*4.87*	
		For >500 To 1000, Add	*3.11*	
		For >1000 To 2000, Add	*1.72*	
		For >2000 To 5000, Add	*0.72*	
23 31 13 13-1817		Rework Sheet Metal Ductwork *(23 31 13 13)*		
		Note: Includes removal of existing ductwork and reinstallation of ductwork. Excludes new ductwork.		
23 31 13 13-1818	LF	Up To 1 SF Cross Section, Rework Existing Ductwork	22.10	
23 31 13 13-1819	LF	>1 To 2 SF Cross Section, Rework Existing Ductwork	43.09	
23 31 13 13-1820	LF	>2 To 4 SF Cross Section, Rework Existing Ductwork	56.94	
23 31 13 13-1821	LF	>4 To 6 SF Cross Section, Rework Existing Ductwork	71.29	
23 31 13 13-1822	LF	>6 To 8 SF Cross Section, Rework Existing Ductwork	99.43	
23 31 13 13-1823	LF	>8 To 10 SF Cross Section, Rework Existing Ductwork	116.00	
23 31 13 13-1824	LF	>10 To 12 SF Cross Section, Rework Existing Ductwork	132.58	
23 31 13 13-1825	LF	>12 To 14 SF Cross Section, Rework Existing Ductwork	149.15	
23 31 13 16		**Round and Flat-Oval Spiral Ducts** *(23 31 13)*		
23 31 13 16-0001		Factory Fabricated Field Installed Low Pressure Round Duct *(23 31 13 16)*		
		Note: Based on 26 gauge.		
23 31 13 16-0002		Round Duct *(23 31 13 16-0001)*		
		Note: Includes straps and supports.		
23 31 13 16-0003	LF	4" Round Galvanized Sheet Metal Duct, Factory Fabricated, Field Installed, Low Pressure	5.12	1.82
		For 28 Gauge, Deduct	*-0.19*	
		For 24 Gauge, Add	*0.19*	
		For 22 Gauge, Add	*0.38*	
		For 20 Gauge, Add	*0.57*	
		For 18 Gauge, Add	*0.76*	
		For 16 Gauge, Add	*0.93*	
		For PVC Coated, Inside And Outside, Add	*1.02*	
		For Acid Resistant Asphaltum Coating, Add	*3.76*	
		For Work In Restricted Working Space, Add	*1.12*	
23 31 13 16-0004	LF	5" Round Galvanized Sheet Metal Duct, Factory Fabricated, Field Installed, Low Pressure	5.92	2.07
		For 28 Gauge, Deduct	*-0.25*	
		For 24 Gauge, Add	*0.24*	
		For 22 Gauge, Add	*0.49*	
		For 20 Gauge, Add	*0.73*	
		For 18 Gauge, Add	*0.97*	
		For 16 Gauge, Add	*1.19*	
		For PVC Coated, Inside And Outside, Add	*1.31*	
		For Acid Resistant Asphaltum Coating, Add	*4.20*	
		For Work In Restricted Working Space, Add	*1.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0005	LF	6" Round Galvanized Sheet Metal Duct, Factory Fabricated, Field Installed, Low Pressure	6.69	2.49
		For 28 Gauge, Deduct	*-0.28*	
		For 24 Gauge, Add	*0.28*	
		For 22 Gauge, Add	*0.56*	
		For 20 Gauge, Add	*0.84*	
		For 18 Gauge, Add	*1.11*	
		For 16 Gauge, Add	*1.36*	
		For PVC Coated, Inside And Outside, Add	*1.49*	
		For Acid Resistant Asphaltum Coating, Add	*4.64*	
		For Work In Restricted Working Space, Add	*1.40*	
23 31 13 16-0006	LF	7" Round Galvanized Sheet Metal Duct, Factory Fabricated, Field Installed, Low Pressure	7.72	2.90
		For 28 Gauge, Deduct	*-0.33*	
		For 24 Gauge, Add	*0.33*	
		For 22 Gauge, Add	*0.66*	
		For 20 Gauge, Add	*0.99*	
		For 18 Gauge, Add	*1.31*	
		For 16 Gauge, Add	*1.61*	
		For PVC Coated, Inside And Outside, Add	*1.76*	
		For Acid Resistant Asphaltum Coating, Add	*5.08*	
		For Work In Restricted Working Space, Add	*1.60*	
23 31 13 16-0007	LF	8" Round Galvanized Sheet Metal Duct, Factory Fabricated, Field Installed, Low Pressure	8.87	3.32
		For 28 Gauge, Deduct	*-0.37*	
		For 24 Gauge, Add	*0.37*	
		For 22 Gauge, Add	*0.73*	
		For 20 Gauge, Add	*1.10*	
		For 18 Gauge, Add	*1.46*	
		For 16 Gauge, Add	*1.79*	
		For PVC Coated, Inside And Outside, Add	*1.96*	
		For Acid Resistant Asphaltum Coating, Add	*5.52*	
		For Work In Restricted Working Space, Add	*1.87*	
23 31 13 16-0008	LF	10" Round Galvanized Sheet Metal Duct, Factory Fabricated, Field Installed, Low Pressure	10.73	4.15
		For 28 Gauge, Deduct	*-0.45*	
		For 24 Gauge, Add	*0.45*	
		For 22 Gauge, Add	*0.90*	
		For 20 Gauge, Add	*1.35*	
		For 18 Gauge, Add	*1.79*	
		For 16 Gauge, Add	*2.20*	
		For PVC Coated, Inside And Outside, Add	*2.41*	
		For Acid Resistant Asphaltum Coating, Add	*6.40*	
		For Work In Restricted Working Space, Add	*2.24*	
23 31 13 16-0009	LF	12" Round Galvanized Sheet Metal Duct, Factory Fabricated, Field Installed, Low Pressure	13.34	5.56
		For 28 Gauge, Deduct	*-0.56*	
		For 24 Gauge, Add	*0.55*	
		For 22 Gauge, Add	*1.10*	
		For 20 Gauge, Add	*1.66*	
		For 18 Gauge, Add	*2.21*	
		For 16 Gauge, Add	*2.71*	
		For PVC Coated, Inside And Outside, Add	*2.97*	
		For Acid Resistant Asphaltum Coating, Add	*6.90*	
		For Work In Restricted Working Space, Add	*2.80*	
23 31 13 16-0010	LF	14" Round Galvanized Sheet Metal Duct, Factory Fabricated, Field Installed, Low Pressure	16.33	8.30
		For 28 Gauge, Deduct	*-0.65*	
		For 24 Gauge, Add	*0.64*	
		For 22 Gauge, Add	*1.28*	
		For 20 Gauge, Add	*1.93*	
		For 18 Gauge, Add	*2.56*	
		For 16 Gauge, Add	*3.15*	
		For PVC Coated, Inside And Outside, Add	*3.45*	
		For Acid Resistant Asphaltum Coating, Add	*7.26*	
		For Work In Restricted Working Space, Add	*3.50*	
23 31 13 16-0011	LF	16" Round Galvanized Sheet Metal Duct, Factory Fabricated, Field Installed, Low Pressure	22.48	11.13
		For 28 Gauge, Deduct	*-0.96*	
		For 24 Gauge, Add	*0.95*	
		For 22 Gauge, Add	*1.90*	
		For 20 Gauge, Add	*2.86*	
		For 18 Gauge, Add	*3.80*	
		For 16 Gauge, Add	*4.66*	
		For PVC Coated, Inside And Outside, Add	*5.11*	
		For Acid Resistant Asphaltum Coating, Add	*7.58*	
		For Work In Restricted Working Space, Add	*4.67*	

23 31 13 16-0012 Round Adjustable Elbows *(23 31 13 16-0001)*

Note: Up to 90 degree.

23 31 13 16-0013	EA	4" Round Adjustable Galvanized Sheet Metal Elbows, Factory Fabricated, Field Installed, Low Pressure	28.67	11.08
		For 28 Gauge, Deduct	*-0.90*	
		For 24 Gauge, Add	*0.90*	
		For 22 Gauge, Add	*1.79*	
		For 20 Gauge, Add	*2.70*	
		For 18 Gauge, Add	*3.58*	
		For 16 Gauge, Add	*4.39*	
		For PVC Coated, Inside And Outside, Add	*4.82*	
		For Work In Restricted Working Space, Add	*6.65*	
23 31 13 16-0014	EA	5" Round Adjustable Galvanized Sheet Metal Elbows, Factory Fabricated, Field Installed, Low Pressure	32.65	12.78
		For 28 Gauge, Deduct	*-0.98*	
		For 24 Gauge, Add	*0.98*	
		For 22 Gauge, Add	*1.95*	
		For 20 Gauge, Add	*2.93*	
		For 18 Gauge, Add	*3.89*	
		For 16 Gauge, Add	*4.78*	
		For PVC Coated, Inside And Outside, Add	*5.24*	
		For Work In Restricted Working Space, Add	*7.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0015	EA	6" Round Adjustable Galvanized Sheet Metal Elbows, Factory Fabricated, Field Installed, Low Pressure	38.17	15.10
		For 28 Gauge, Deduct	*-1.10*	
		For 24 Gauge, Add	*1.10*	
		For 22 Gauge, Add	*2.19*	
		For 20 Gauge, Add	*3.30*	
		For 18 Gauge, Add	*4.38*	
		For 16 Gauge, Add	*5.37*	
		For PVC Coated, Inside And Outside, Add	*5.89*	
		For Work In Restricted Working Space, Add	*9.06*	
23 31 13 16-0016	EA	7" Round Adjustable Galvanized Sheet Metal Elbows, Factory Fabricated, Field Installed, Low Pressure	48.64	19.42
		For 28 Gauge, Deduct	*-1.36*	
		For 24 Gauge, Add	*1.35*	
		For 22 Gauge, Add	*2.70*	
		For 20 Gauge, Add	*4.05*	
		For 18 Gauge, Add	*5.38*	
		For 16 Gauge, Add	*6.61*	
		For PVC Coated, Inside And Outside, Add	*7.24*	
		For Work In Restricted Working Space, Add	*11.66*	
23 31 13 16-0017	EA	8" Round Adjustable Galvanized Sheet Metal Elbows, Factory Fabricated, Field Installed, Low Pressure	57.88	23.65
		For 28 Gauge, Deduct	*-1.46*	
		For 24 Gauge, Add	*1.46*	
		For 22 Gauge, Add	*2.91*	
		For 20 Gauge, Add	*4.38*	
		For 18 Gauge, Add	*5.81*	
		For 16 Gauge, Add	*7.13*	
		For PVC Coated, Inside And Outside, Add	*7.82*	
		For Work In Restricted Working Space, Add	*14.19*	
23 31 13 16-0018	EA	10" Round Adjustable Galvanized Sheet Metal Elbows, Factory Fabricated, Field Installed, Low Pressure	87.82	36.94
		For 28 Gauge, Deduct	*-1.93*	
		For 24 Gauge, Add	*1.93*	
		For 22 Gauge, Add	*3.84*	
		For 20 Gauge, Add	*5.78*	
		For 18 Gauge, Add	*7.67*	
		For 16 Gauge, Add	*9.42*	
		For PVC Coated, Inside And Outside, Add	*10.32*	
		For Work In Restricted Working Space, Add	*22.16*	
23 31 13 16-0019	EA	12" Round Adjustable Galvanized Sheet Metal Elbows, Factory Fabricated, Field Installed, Low Pressure	121.00	51.04
		For 28 Gauge, Deduct	*-2.62*	
		For 24 Gauge, Add	*2.61*	
		For 22 Gauge, Add	*5.21*	
		For 20 Gauge, Add	*7.82*	
		For 18 Gauge, Add	*10.40*	
		For 16 Gauge, Add	*12.76*	
		For PVC Coated, Inside And Outside, Add	*13.99*	
		For Work In Restricted Working Space, Add	*30.63*	
23 31 13 16-0020	EA	14" Round Adjustable Galvanized Sheet Metal Elbows, Factory Fabricated, Field Installed, Low Pressure	149.74	60.39
		For 28 Gauge, Deduct	*-4.01*	
		For 24 Gauge, Add	*4.00*	
		For 22 Gauge, Add	*7.98*	
		For 20 Gauge, Add	*12.00*	
		For 18 Gauge, Add	*15.94*	
		For 16 Gauge, Add	*19.56*	
		For PVC Coated, Inside And Outside, Add	*21.45*	
		For Work In Restricted Working Space, Add	*36.23*	
23 31 13 16-0021	EA	16" Round Adjustable Galvanized Sheet Metal Elbows, Factory Fabricated, Field Installed, Low Pressure	174.33	66.40
		For 28 Gauge, Deduct	*-5.75*	
		For 24 Gauge, Add	*5.73*	
		For 22 Gauge, Add	*11.44*	
		For 20 Gauge, Add	*17.19*	
		For 18 Gauge, Add	*22.84*	
		For 16 Gauge, Add	*28.03*	
		For PVC Coated, Inside And Outside, Add	*30.73*	
		For Work In Restricted Working Space, Add	*39.84*	

23 31 13 16-0022 90 Degree Round Elbows *(23 31 13 16-0001)*

23 31 13 16-0023	EA	4" Round Galvanized Sheet Metal 90 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	24.15	7.47
		For 28 Gauge, Deduct	*-0.76*	
		For 24 Gauge, Add	*0.75*	
		For 22 Gauge, Add	*1.51*	
		For 20 Gauge, Add	*2.26*	
		For 18 Gauge, Add	*3.01*	
		For 16 Gauge, Add	*3.69*	
		For PVC Coated, Inside And Outside, Add	*4.05*	
		For Work In Restricted Working Space, Add	*5.60*	
23 31 13 16-0024	EA	5" Round Galvanized Sheet Metal 90 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	27.59	8.55
		For 28 Gauge, Deduct	*-0.86*	
		For 24 Gauge, Add	*0.86*	
		For 22 Gauge, Add	*1.72*	
		For 20 Gauge, Add	*2.58*	
		For 18 Gauge, Add	*3.43*	
		For 16 Gauge, Add	*4.21*	
		For PVC Coated, Inside And Outside, Add	*4.62*	
		For Work In Restricted Working Space, Add	*6.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0025	EA	6" Round Galvanized Sheet Metal 90 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	32.00	9.96
		For 28 Gauge, Deduct	*-0.98*	
		For 24 Gauge, Add	*0.98*	
		For 22 Gauge, Add	*1.96*	
		For 20 Gauge, Add	*2.94*	
		For 18 Gauge, Add	*3.91*	
		For 16 Gauge, Add	*4.79*	
		For PVC Coated, Inside And Outside, Add	*5.25*	
		For Work In Restricted Working Space, Add	*7.47*	
23 31 13 16-0026	EA	7" Round Galvanized Sheet Metal 90 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	37.40	11.95
		For 28 Gauge, Deduct	*-1.04*	
		For 24 Gauge, Add	*1.04*	
		For 22 Gauge, Add	*2.07*	
		For 20 Gauge, Add	*3.11*	
		For 18 Gauge, Add	*4.14*	
		For 16 Gauge, Add	*5.08*	
		For PVC Coated, Inside And Outside, Add	*5.56*	
		For Work In Restricted Working Space, Add	*8.96*	
23 31 13 16-0027	EA	8" Round Galvanized Sheet Metal 90 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	46.08	14.94
		For 28 Gauge, Deduct	*-1.21*	
		For 24 Gauge, Add	*1.20*	
		For 22 Gauge, Add	*2.41*	
		For 20 Gauge, Add	*3.61*	
		For 18 Gauge, Add	*4.80*	
		For 16 Gauge, Add	*5.89*	
		For PVC Coated, Inside And Outside, Add	*6.46*	
		For Work In Restricted Working Space, Add	*11.21*	
23 31 13 16-0028	EA	10" Round Galvanized Sheet Metal 90 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	62.27	19.92
		For 28 Gauge, Deduct	*-1.73*	
		For 24 Gauge, Add	*1.72*	
		For 22 Gauge, Add	*3.44*	
		For 20 Gauge, Add	*5.16*	
		For 18 Gauge, Add	*6.86*	
		For 16 Gauge, Add	*8.42*	
		For PVC Coated, Inside And Outside, Add	*9.23*	
		For Work In Restricted Working Space, Add	*14.94*	
23 31 13 16-0029	EA	12" Round Galvanized Sheet Metal 90 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	91.20	29.88
		For 28 Gauge, Deduct	*-2.29*	
		For 24 Gauge, Add	*2.28*	
		For 22 Gauge, Add	*4.55*	
		For 20 Gauge, Add	*6.83*	
		For 18 Gauge, Add	*9.08*	
		For 16 Gauge, Add	*11.14*	
		For PVC Coated, Inside And Outside, Add	*12.21*	
		For Work In Restricted Working Space, Add	*22.41*	
23 31 13 16-0030	EA	14" Round Galvanized Sheet Metal 90 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	126.35	38.18
		For 28 Gauge, Deduct	*-4.28*	
		For 24 Gauge, Add	*4.26*	
		For 22 Gauge, Add	*8.51*	
		For 20 Gauge, Add	*12.79*	
		For 18 Gauge, Add	*17.00*	
		For 16 Gauge, Add	*20.86*	
		For PVC Coated, Inside And Outside, Add	*22.87*	
		For Work In Restricted Working Space, Add	*28.64*	
23 31 13 16-0031	EA	16" Round Galvanized Sheet Metal 90 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	158.16	48.14
		For 28 Gauge, Deduct	*-5.24*	
		For 24 Gauge, Add	*5.22*	
		For 22 Gauge, Add	*10.42*	
		For 20 Gauge, Add	*15.65*	
		For 18 Gauge, Add	*20.80*	
		For 16 Gauge, Add	*25.52*	
		For PVC Coated, Inside And Outside, Add	*27.98*	
		For Work In Restricted Working Space, Add	*36.11*	

23 31 13 16-0032 45 Degree Round Elbows *(23 31 13 16-0001)*

23 31 13 16-0033	EA	4" Round Galvanized Sheet Metal 45 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	22.12	7.47
		For 28 Gauge, Deduct	*-0.48*	
		For 24 Gauge, Add	*0.47*	
		For 22 Gauge, Add	*0.95*	
		For 20 Gauge, Add	*1.42*	
		For 18 Gauge, Add	*1.89*	
		For 16 Gauge, Add	*2.32*	
		For PVC Coated, Inside And Outside, Add	*2.55*	
		For Work In Restricted Working Space, Add	*5.60*	
23 31 13 16-0034	EA	5" Round Galvanized Sheet Metal 45 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	25.76	8.55
		For 28 Gauge, Deduct	*-0.61*	
		For 24 Gauge, Add	*0.61*	
		For 22 Gauge, Add	*1.21*	
		For 20 Gauge, Add	*1.83*	
		For 18 Gauge, Add	*2.43*	
		For 16 Gauge, Add	*2.98*	
		For PVC Coated, Inside And Outside, Add	*3.26*	
		For Work In Restricted Working Space, Add	*6.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0035	EA	6" Round Galvanized Sheet Metal 45 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	29.72	9.96
		For 28 Gauge, Deduct	*-0.67*	
		For 24 Gauge, Add	*0.67*	
		For 22 Gauge, Add	*1.33*	
		For 20 Gauge, Add	*2.00*	
		For 18 Gauge, Add	*2.65*	
		For 16 Gauge, Add	*3.25*	
		For PVC Coated, Inside And Outside, Add	*3.57*	
		For Work In Restricted Working Space, Add	*7.47*	
23 31 13 16-0036	EA	7" Round Galvanized Sheet Metal 45 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	35.46	11.95
		For 28 Gauge, Deduct	*-0.77*	
		For 24 Gauge, Add	*0.77*	
		For 22 Gauge, Add	*1.54*	
		For 20 Gauge, Add	*2.31*	
		For 18 Gauge, Add	*3.07*	
		For 16 Gauge, Add	*3.77*	
		For PVC Coated, Inside And Outside, Add	*4.13*	
		For Work In Restricted Working Space, Add	*8.96*	
23 31 13 16-0037	EA	8" Round Galvanized Sheet Metal 45 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	43.70	14.94
		For 28 Gauge, Deduct	*-0.88*	
		For 24 Gauge, Add	*0.88*	
		For 22 Gauge, Add	*1.75*	
		For 20 Gauge, Add	*2.63*	
		For 18 Gauge, Add	*3.49*	
		For 16 Gauge, Add	*4.29*	
		For PVC Coated, Inside And Outside, Add	*4.70*	
		For Work In Restricted Working Space, Add	*11.21*	
23 31 13 16-0038	EA	10" Round Galvanized Sheet Metal 45 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	59.49	19.92
		For 28 Gauge, Deduct	*-1.34*	
		For 24 Gauge, Add	*1.34*	
		For 22 Gauge, Add	*2.67*	
		For 20 Gauge, Add	*4.01*	
		For 18 Gauge, Add	*5.33*	
		For 16 Gauge, Add	*6.54*	
		For PVC Coated, Inside And Outside, Add	*7.17*	
		For Work In Restricted Working Space, Add	*14.94*	
23 31 13 16-0039	EA	12" Round Galvanized Sheet Metal 45 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	87.17	29.88
		For 28 Gauge, Deduct	*-1.73*	
		For 24 Gauge, Add	*1.72*	
		For 22 Gauge, Add	*3.44*	
		For 20 Gauge, Add	*5.16*	
		For 18 Gauge, Add	*6.86*	
		For 16 Gauge, Add	*8.42*	
		For PVC Coated, Inside And Outside, Add	*9.23*	
		For Work In Restricted Working Space, Add	*22.41*	
23 31 13 16-0040	EA	14" Round Galvanized Sheet Metal 45 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	117.04	38.18
		For 28 Gauge, Deduct	*-2.99*	
		For 24 Gauge, Add	*2.98*	
		For 22 Gauge, Add	*5.95*	
		For 20 Gauge, Add	*8.94*	
		For 18 Gauge, Add	*11.87*	
		For 16 Gauge, Add	*14.57*	
		For PVC Coated, Inside And Outside, Add	*15.98*	
		For Work In Restricted Working Space, Add	*28.64*	
23 31 13 16-0041	EA	16" Round Galvanized Sheet Metal 45 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	155.76	48.14
		For 28 Gauge, Deduct	*-4.90*	
		For 24 Gauge, Add	*4.89*	
		For 22 Gauge, Add	*9.76*	
		For 20 Gauge, Add	*14.66*	
		For 18 Gauge, Add	*19.48*	
		For 16 Gauge, Add	*23.90*	
		For PVC Coated, Inside And Outside, Add	*26.20*	
		For Work In Restricted Working Space, Add	*36.11*	

23 31 13 16-0042 Round Tee *(23 31 13 16-0001)*

23 31 13 16-0043	EA	4" Round Galvanized Sheet Metal Tee, Factory Fabricated, Field Installed, Low Pressure	35.67	11.21
		For 28 Gauge, Deduct	*-1.06*	
		For 24 Gauge, Add	*1.06*	
		For 22 Gauge, Add	*2.11*	
		For 20 Gauge, Add	*3.17*	
		For 18 Gauge, Add	*4.21*	
		For 16 Gauge, Add	*5.17*	
		For PVC Coated, Inside And Outside, Add	*5.67*	
		For Work In Restricted Working Space, Add	*8.40*	
23 31 13 16-0044	EA	5" Round Galvanized Sheet Metal Tee, Factory Fabricated, Field Installed, Low Pressure	42.19	12.78
		For 28 Gauge, Deduct	*-1.41*	
		For 24 Gauge, Add	*1.40*	
		For 22 Gauge, Add	*2.80*	
		For 20 Gauge, Add	*4.21*	
		For 18 Gauge, Add	*5.59*	
		For 16 Gauge, Add	*6.86*	
		For PVC Coated, Inside And Outside, Add	*7.53*	
		For Work In Restricted Working Space, Add	*9.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0045	EA	6" Round Galvanized Sheet Metal Tee, Factory Fabricated, Field Installed, Low Pressure	48.38	14.94
		For 28 Gauge, Deduct	*-1.53*	
		For 24 Gauge, Add	*1.52*	
		For 22 Gauge, Add	*3.04*	
		For 20 Gauge, Add	*4.57*	
		For 18 Gauge, Add	*6.07*	
		For 16 Gauge, Add	*7.45*	
		For PVC Coated, Inside And Outside, Add	*8.16*	
		For Work In Restricted Working Space, Add	*11.21*	
23 31 13 16-0046	EA	7" Round Galvanized Sheet Metal Tee, Factory Fabricated, Field Installed, Low Pressure	57.52	17.92
		For 28 Gauge, Deduct	*-1.76*	
		For 24 Gauge, Add	*1.75*	
		For 22 Gauge, Add	*3.50*	
		For 20 Gauge, Add	*5.26*	
		For 18 Gauge, Add	*6.99*	
		For 16 Gauge, Add	*8.57*	
		For PVC Coated, Inside And Outside, Add	*9.40*	
		For Work In Restricted Working Space, Add	*13.45*	
23 31 13 16-0047	EA	8" Round Galvanized Sheet Metal Tee, Factory Fabricated, Field Installed, Low Pressure	76.56	22.41
		For 28 Gauge, Deduct	*-2.84*	
		For 24 Gauge, Add	*2.83*	
		For 22 Gauge, Add	*5.66*	
		For 20 Gauge, Add	*8.50*	
		For 18 Gauge, Add	*11.29*	
		For 16 Gauge, Add	*13.86*	
		For PVC Coated, Inside And Outside, Add	*15.19*	
		For Work In Restricted Working Space, Add	*16.81*	
23 31 13 16-0048	EA	10" Round Galvanized Sheet Metal Tee, Factory Fabricated, Field Installed, Low Pressure	100.90	29.88
		For 28 Gauge, Deduct	*-3.63*	
		For 24 Gauge, Add	*3.62*	
		For 22 Gauge, Add	*7.22*	
		For 20 Gauge, Add	*10.85*	
		For 18 Gauge, Add	*14.41*	
		For 16 Gauge, Add	*17.69*	
		For PVC Coated, Inside And Outside, Add	*19.39*	
		For Work In Restricted Working Space, Add	*22.41*	
23 31 13 16-0049	EA	12" Round Galvanized Sheet Metal Tee, Factory Fabricated, Field Installed, Low Pressure	138.22	44.82
		For 28 Gauge, Deduct	*-3.63*	
		For 24 Gauge, Add	*3.62*	
		For 22 Gauge, Add	*7.22*	
		For 20 Gauge, Add	*10.85*	
		For 18 Gauge, Add	*14.41*	
		For 16 Gauge, Add	*17.69*	
		For PVC Coated, Inside And Outside, Add	*19.39*	
		For Work In Restricted Working Space, Add	*33.61*	
23 31 13 16-0050	EA	14" Round Galvanized Sheet Metal Tee, Factory Fabricated, Field Installed, Low Pressure	193.01	57.10
		For 28 Gauge, Deduct	*-6.91*	
		For 24 Gauge, Add	*6.89*	
		For 22 Gauge, Add	*13.75*	
		For 20 Gauge, Add	*20.66*	
		For 18 Gauge, Add	*27.45*	
		For 16 Gauge, Add	*33.68*	
		For PVC Coated, Inside And Outside, Add	*36.93*	
		For Work In Restricted Working Space, Add	*42.93*	
23 31 13 16-0051	EA	16" Round Galvanized Sheet Metal Tee, Factory Fabricated, Field Installed, Low Pressure	250.49	72.38
		For 28 Gauge, Deduct	*-9.70*	
		For 24 Gauge, Add	*9.67*	
		For 22 Gauge, Add	*19.30*	
		For 20 Gauge, Add	*29.00*	
		For 18 Gauge, Add	*38.53*	
		For 16 Gauge, Add	*47.28*	
		For PVC Coated, Inside And Outside, Add	*51.84*	
		For Work In Restricted Working Space, Add	*54.13*	

23 31 13 16-0052 Round Connector *(23 31 13 16-0001)*

23 31 13 16-0053	EA	4" Round Connector	15.85
		For Work In Restricted Working Space, Add	*3.98*
23 31 13 16-0054	EA	5" Round Connector	16.72
		For Work In Restricted Working Space, Add	*4.19*
23 31 13 16-0055	EA	6" Round Connector	17.91
		For Work In Restricted Working Space, Add	*4.48*
23 31 13 16-0056	EA	7" Round Connector	19.17
		For Work In Restricted Working Space, Add	*4.73*
23 31 13 16-0057	EA	8" Round Connector	20.86
		For Work In Restricted Working Space, Add	*5.11*
23 31 13 16-0058	EA	10" Round Connector	25.06
		For Work In Restricted Working Space, Add	*5.70*
23 31 13 16-0059	EA	12" Round Connector	33.85
		For Work In Restricted Working Space, Add	*7.97*
23 31 13 16-0060	EA	14" Round Connector	38.70
		For Work In Restricted Working Space, Add	*9.07*
23 31 13 16-0061	EA	16" Round Connector	42.63
		For Work In Restricted Working Space, Add	*9.94*

23 31 13 16-0062 Galvanized Slip Joint Spiral Duct And Fittings *(23 31 13 16)*

Note: Based on 26 gauge.

23 31 13 16-0063 Round Spiral Duct *(23 31 13 16-0062)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0064	LF	4" Round Spiral Duct, Galvanized, 26 Gauge, Slip Joint	5.73	0.77
		For 24 Gauge, Add	*0.33*	
		For 22 Gauge, Add	*0.75*	
		For 20 Gauge, Add	*1.22*	
		For 18 Gauge, Add	*1.87*	
		For 16 Gauge, Add	*2.28*	
		For PVC Coated, Inside And Outside, Add	*1.21*	
		For Work In Restricted Working Space, Add	*1.23*	
23 31 13 16-0065	LF	6" Round Spiral Duct, Galvanized, 26 Gauge, Slip Joint	7.28	1.53
		For 24 Gauge, Add	*0.47*	
		For 22 Gauge, Add	*1.09*	
		For 20 Gauge, Add	*1.77*	
		For 18 Gauge, Add	*2.71*	
		For 16 Gauge, Add	*3.30*	
		For PVC Coated, Inside And Outside, Add	*1.75*	
		For Work In Restricted Working Space, Add	*1.48*	
23 31 13 16-0066	LF	8" Round Spiral Duct, Galvanized, 26 Gauge, Slip Joint	9.20	1.53
		For 24 Gauge, Add	*0.62*	
		For 22 Gauge, Add	*1.43*	
		For 20 Gauge, Add	*2.33*	
		For 18 Gauge, Add	*3.58*	
		For 16 Gauge, Add	*4.35*	
		For PVC Coated, Inside And Outside, Add	*2.30*	
		For Work In Restricted Working Space, Add	*1.83*	
23 31 13 16-0067	LF	10" Round Spiral Duct, Galvanized, 26 Gauge, Slip Joint	11.16	1.53
		For 24 Gauge, Add	*0.77*	
		For 22 Gauge, Add	*1.77*	
		For 20 Gauge, Add	*2.88*	
		For 18 Gauge, Add	*4.42*	
		For 16 Gauge, Add	*5.38*	
		For PVC Coated, Inside And Outside, Add	*2.84*	
		For Work In Restricted Working Space, Add	*2.20*	
23 31 13 16-0068	LF	12" Round Spiral Duct, Galvanized, 26 Gauge, Slip Joint	13.89	2.30
		For 24 Gauge, Add	*0.94*	
		For 22 Gauge, Add	*2.17*	
		For 20 Gauge, Add	*3.54*	
		For 18 Gauge, Add	*5.43*	
		For 16 Gauge, Add	*6.61*	
		For PVC Coated, Inside And Outside, Add	*3.49*	
		For Work In Restricted Working Space, Add	*2.75*	
23 31 13 16-0069	LF	14" Round Spiral Duct, Galvanized, 26 Gauge, Slip Joint	16.93	2.30
		For 24 Gauge, Add	*1.09*	
		For 22 Gauge, Add	*2.52*	
		For 20 Gauge, Add	*4.10*	
		For 18 Gauge, Add	*6.29*	
		For 16 Gauge, Add	*7.66*	
		For PVC Coated, Inside And Outside, Add	*4.05*	
		For Work In Restricted Working Space, Add	*3.44*	
23 31 13 16-0070	LF	16" Round Spiral Duct, Galvanized, 26 Gauge, Slip Joint	23.22	2.30
		For 24 Gauge, Add	*1.59*	
		For 22 Gauge, Add	*3.66*	
		For 20 Gauge, Add	*5.96*	
		For 18 Gauge, Add	*9.14*	
		For 16 Gauge, Add	*11.13*	
		For PVC Coated, Inside And Outside, Add	*5.88*	
		For Work In Restricted Working Space, Add	*4.58*	
23 31 13 16-0071	LF	18" Round Spiral Duct, Galvanized, 26 Gauge, Slip Joint	26.61	3.06
		For 24 Gauge, Add	*1.76*	
		For 22 Gauge, Add	*4.05*	
		For 20 Gauge, Add	*6.61*	
		For 18 Gauge, Add	*10.13*	
		For 16 Gauge, Add	*12.33*	
		For PVC Coated, Inside And Outside, Add	*6.52*	
		For Work In Restricted Working Space, Add	*5.34*	
23 31 13 16-0072	LF	20" Round Spiral Duct, Galvanized, 26 Gauge, Slip Joint	30.04	3.06
		For 24 Gauge, Add	*1.97*	
		For 22 Gauge, Add	*4.52*	
		For 20 Gauge, Add	*7.37*	
		For 18 Gauge, Add	*11.30*	
		For 16 Gauge, Add	*13.76*	
		For PVC Coated, Inside And Outside, Add	*7.27*	
		For Work In Restricted Working Space, Add	*6.06*	
23 31 13 16-0073	LF	22" Round Spiral Duct, Galvanized, 26 Gauge, Slip Joint	33.63	3.82
		For 24 Gauge, Add	*2.17*	
		For 22 Gauge, Add	*5.00*	
		For 20 Gauge, Add	*8.15*	
		For 18 Gauge, Add	*12.49*	
		For 16 Gauge, Add	*15.20*	
		For PVC Coated, Inside And Outside, Add	*8.04*	
		For Work In Restricted Working Space, Add	*6.83*	
23 31 13 16-0074	LF	24" Round Spiral Duct, Galvanized, 26 Gauge, Slip Joint	37.28	4.58
		For 24 Gauge, Add	*2.36*	
		For 22 Gauge, Add	*5.43*	
		For 20 Gauge, Add	*8.85*	
		For 18 Gauge, Add	*13.57*	
		For 16 Gauge, Add	*16.52*	
		For PVC Coated, Inside And Outside, Add	*8.73*	
		For Work In Restricted Working Space, Add	*7.64*	

23 31 13 16-0075 90 Degree Elbow, 2 Piece *(23 31 13 16-0062)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0076	EA	4" Round Spiral 90 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	50.51	10.70
		For 24 Gauge, Add	*1.84*	
		For 22 Gauge, Add	*4.23*	
		For 20 Gauge, Add	*6.89*	
		For 18 Gauge, Add	*10.57*	
		For 16 Gauge, Add	*12.87*	
		For PVC Coated, Inside And Outside, Add	*6.80*	
		For Work In Restricted Working Space, Add	*12.40*	
23 31 13 16-0077	EA	6" Round Spiral 90 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	74.21	15.29
		For 24 Gauge, Add	*2.61*	
		For 22 Gauge, Add	*6.00*	
		For 20 Gauge, Add	*9.79*	
		For 18 Gauge, Add	*15.01*	
		For 16 Gauge, Add	*18.27*	
		For PVC Coated, Inside And Outside, Add	*9.66*	
		For Work In Restricted Working Space, Add	*18.35*	
23 31 13 16-0078	EA	8" Round Spiral 90 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	105.36	19.87
		For 24 Gauge, Add	*4.98*	
		For 22 Gauge, Add	*11.45*	
		For 20 Gauge, Add	*18.67*	
		For 18 Gauge, Add	*28.62*	
		For 16 Gauge, Add	*34.85*	
		For PVC Coated, Inside And Outside, Add	*18.42*	
		For Work In Restricted Working Space, Add	*24.14*	
23 31 13 16-0079	EA	10" Round Spiral 90 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	131.22	25.22
		For 24 Gauge, Add	*5.86*	
		For 22 Gauge, Add	*13.48*	
		For 20 Gauge, Add	*21.98*	
		For 18 Gauge, Add	*33.70*	
		For 16 Gauge, Add	*41.02*	
		For PVC Coated, Inside And Outside, Add	*21.68*	
		For Work In Restricted Working Space, Add	*30.58*	
23 31 13 16-0080	EA	12" Round Spiral 90 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	161.81	32.10
		For 24 Gauge, Add	*6.88*	
		For 22 Gauge, Add	*15.83*	
		For 20 Gauge, Add	*25.81*	
		For 18 Gauge, Add	*39.57*	
		For 16 Gauge, Add	*48.17*	
		For PVC Coated, Inside And Outside, Add	*25.46*	
		For Work In Restricted Working Space, Add	*38.22*	
23 31 13 16-0081	EA	14" Round Spiral 90 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	177.29	35.17
		For 24 Gauge, Add	*7.66*	
		For 22 Gauge, Add	*17.62*	
		For 20 Gauge, Add	*28.73*	
		For 18 Gauge, Add	*44.06*	
		For 16 Gauge, Add	*53.63*	
		For PVC Coated, Inside And Outside, Add	*28.35*	
		For Work In Restricted Working Space, Add	*41.69*	
23 31 13 16-0082	EA	16" Round Spiral 90 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	209.22	41.28
		For 24 Gauge, Add	*8.97*	
		For 22 Gauge, Add	*20.62*	
		For 20 Gauge, Add	*33.62*	
		For 18 Gauge, Add	*51.55*	
		For 16 Gauge, Add	*62.76*	
		For PVC Coated, Inside And Outside, Add	*33.17*	
		For Work In Restricted Working Space, Add	*49.32*	
23 31 13 16-0083	EA	18" Round Spiral 90 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	255.42	51.21
		For 24 Gauge, Add	*10.32*	
		For 22 Gauge, Add	*23.73*	
		For 20 Gauge, Add	*38.69*	
		For 18 Gauge, Add	*59.33*	
		For 16 Gauge, Add	*72.23*	
		For PVC Coated, Inside And Outside, Add	*38.18*	
		For Work In Restricted Working Space, Add	*61.15*	
23 31 13 16-0084	EA	20" Round Spiral 90 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	307.47	61.91
		For 24 Gauge, Add	*12.18*	
		For 22 Gauge, Add	*28.01*	
		For 20 Gauge, Add	*45.67*	
		For 18 Gauge, Add	*70.02*	
		For 16 Gauge, Add	*85.25*	
		For PVC Coated, Inside And Outside, Add	*45.06*	
		For Work In Restricted Working Space, Add	*73.97*	
23 31 13 16-0085	EA	22" Round Spiral 90 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	357.56	71.85
		For 24 Gauge, Add	*13.82*	
		For 22 Gauge, Add	*31.79*	
		For 20 Gauge, Add	*51.83*	
		For 18 Gauge, Add	*79.48*	
		For 16 Gauge, Add	*96.75*	
		For PVC Coated, Inside And Outside, Add	*51.14*	
		For Work In Restricted Working Space, Add	*86.54*	
23 31 13 16-0086	EA	24" Round Spiral 90 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	410.55	81.79
		For 24 Gauge, Add	*17.06*	
		For 22 Gauge, Add	*39.23*	
		For 20 Gauge, Add	*63.96*	
		For 18 Gauge, Add	*98.07*	
		For 16 Gauge, Add	*119.39*	
		For PVC Coated, Inside And Outside, Add	*63.11*	
		For Work In Restricted Working Space, Add	*97.58*	

23 31 13 16-0087 45 Degree Elbow, 2 Piece *(23 31 13 16-0062)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0088	EA	4" Round Spiral 45 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	50.94	10.70
		For 24 Gauge, Add	*1.92*	
		For 22 Gauge, Add	*4.43*	
		For 20 Gauge, Add	*7.22*	
		For 18 Gauge, Add	*11.06*	
		For 16 Gauge, Add	*13.47*	
		For PVC Coated, Inside And Outside, Add	*7.12*	
		For Work In Restricted Working Space, Add	*12.40*	
23 31 13 16-0089	EA	6" Round Spiral 45 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	71.97	15.29
		For 24 Gauge, Add	*2.16*	
		For 22 Gauge, Add	*4.97*	
		For 20 Gauge, Add	*8.11*	
		For 18 Gauge, Add	*12.43*	
		For 16 Gauge, Add	*15.13*	
		For PVC Coated, Inside And Outside, Add	*8.00*	
		For Work In Restricted Working Space, Add	*18.35*	
23 31 13 16-0090	EA	8" Round Spiral 45 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	94.97	19.87
		For 24 Gauge, Add	*2.90*	
		For 22 Gauge, Add	*6.67*	
		For 20 Gauge, Add	*10.88*	
		For 18 Gauge, Add	*16.68*	
		For 16 Gauge, Add	*20.30*	
		For PVC Coated, Inside And Outside, Add	*10.73*	
		For Work In Restricted Working Space, Add	*24.14*	
23 31 13 16-0091	EA	10" Round Spiral 45 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	120.04	25.22
		For 24 Gauge, Add	*3.62*	
		For 22 Gauge, Add	*8.34*	
		For 20 Gauge, Add	*13.59*	
		For 18 Gauge, Add	*20.84*	
		For 16 Gauge, Add	*25.37*	
		For PVC Coated, Inside And Outside, Add	*13.41*	
		For Work In Restricted Working Space, Add	*30.58*	
23 31 13 16-0092	EA	12" Round Spiral 45 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	148.46	32.10
		For 24 Gauge, Add	*4.21*	
		For 22 Gauge, Add	*9.69*	
		For 20 Gauge, Add	*15.80*	
		For 18 Gauge, Add	*24.22*	
		For 16 Gauge, Add	*29.48*	
		For PVC Coated, Inside And Outside, Add	*15.58*	
		For Work In Restricted Working Space, Add	*38.22*	
23 31 13 16-0093	EA	14" Round Spiral 45 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	162.39	35.17
		For 24 Gauge, Add	*4.68*	
		For 22 Gauge, Add	*10.77*	
		For 20 Gauge, Add	*17.56*	
		For 18 Gauge, Add	*26.92*	
		For 16 Gauge, Add	*32.77*	
		For PVC Coated, Inside And Outside, Add	*17.32*	
		For Work In Restricted Working Space, Add	*41.69*	
23 31 13 16-0094	EA	16" Round Spiral 45 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	202.77	41.28
		For 24 Gauge, Add	*7.68*	
		For 22 Gauge, Add	*17.65*	
		For 20 Gauge, Add	*28.79*	
		For 18 Gauge, Add	*44.14*	
		For 16 Gauge, Add	*53.73*	
		For PVC Coated, Inside And Outside, Add	*28.40*	
		For Work In Restricted Working Space, Add	*49.32*	
23 31 13 16-0095	EA	18" Round Spiral 45 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	250.85	51.21
		For 24 Gauge, Add	*9.40*	
		For 22 Gauge, Add	*21.63*	
		For 20 Gauge, Add	*35.27*	
		For 18 Gauge, Add	*54.07*	
		For 16 Gauge, Add	*65.83*	
		For PVC Coated, Inside And Outside, Add	*34.79*	
		For Work In Restricted Working Space, Add	*61.15*	
23 31 13 16-0096	EA	20" Round Spiral 45 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	306.07	61.91
		For 24 Gauge, Add	*11.90*	
		For 22 Gauge, Add	*27.37*	
		For 20 Gauge, Add	*44.62*	
		For 18 Gauge, Add	*68.41*	
		For 16 Gauge, Add	*83.29*	
		For PVC Coated, Inside And Outside, Add	*44.02*	
		For Work In Restricted Working Space, Add	*73.97*	
23 31 13 16-0097	EA	22" Round Spiral 45 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	341.71	71.85
		For 24 Gauge, Add	*10.65*	
		For 22 Gauge, Add	*24.50*	
		For 20 Gauge, Add	*39.95*	
		For 18 Gauge, Add	*61.25*	
		For 16 Gauge, Add	*74.56*	
		For PVC Coated, Inside And Outside, Add	*39.41*	
		For Work In Restricted Working Space, Add	*86.54*	
23 31 13 16-0098	EA	24" Round Spiral 45 Degree Elbow, 2-Piece, Galvanized, 26 Gauge, Slip Joint	404.91	81.79
		For 24 Gauge, Add	*15.93*	
		For 22 Gauge, Add	*36.63*	
		For 20 Gauge, Add	*59.73*	
		For 18 Gauge, Add	*91.59*	
		For 16 Gauge, Add	*111.50*	
		For PVC Coated, Inside And Outside, Add	*58.93*	
		For Work In Restricted Working Space, Add	*97.58*	

23 31 13 16-0099 45 Degree Reducing Laterals *(23 31 13 16-0062)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0100	EA	6" x 6" x 4" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	101.16	19.87
		For 24 Gauge, Add	*4.14*	
		For 22 Gauge, Add	*9.52*	
		For 20 Gauge, Add	*15.52*	
		For 18 Gauge, Add	*23.79*	
		For 16 Gauge, Add	*28.97*	
		For PVC Coated, Inside And Outside, Add	*15.31*	
		For Work In Restricted Working Space, Add	*24.14*	
23 31 13 16-0101	EA	8" x 8" x 4" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	149.09	32.10
		For 24 Gauge, Add	*4.34*	
		For 22 Gauge, Add	*9.98*	
		For 20 Gauge, Add	*16.27*	
		For 18 Gauge, Add	*24.94*	
		For 16 Gauge, Add	*30.37*	
		For PVC Coated, Inside And Outside, Add	*16.05*	
		For Work In Restricted Working Space, Add	*38.22*	
23 31 13 16-0102	EA	10" x 10" x 4" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	188.20	41.28
		For 24 Gauge, Add	*4.76*	
		For 22 Gauge, Add	*10.95*	
		For 20 Gauge, Add	*17.86*	
		For 18 Gauge, Add	*27.38*	
		For 16 Gauge, Add	*33.33*	
		For PVC Coated, Inside And Outside, Add	*17.62*	
		For Work In Restricted Working Space, Add	*49.32*	
23 31 13 16-0103	EA	12" x 12" x 4" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	228.70	51.21
		For 24 Gauge, Add	*4.97*	
		For 22 Gauge, Add	*11.44*	
		For 20 Gauge, Add	*18.65*	
		For 18 Gauge, Add	*28.60*	
		For 16 Gauge, Add	*34.82*	
		For PVC Coated, Inside And Outside, Add	*18.40*	
		For Work In Restricted Working Space, Add	*61.15*	
23 31 13 16-0104	EA	14" x 14" x 4" Spiral Galvanized, Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	272.27	61.91
		For 24 Gauge, Add	*5.14*	
		For 22 Gauge, Add	*11.82*	
		For 20 Gauge, Add	*19.27*	
		For 18 Gauge, Add	*29.54*	
		For 16 Gauge, Add	*35.97*	
		For PVC Coated, Inside And Outside, Add	*19.01*	
		For Work In Restricted Working Space, Add	*73.97*	
23 31 13 16-0105	EA	16" x 16" x 4" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	316.39	71.85
		For 24 Gauge, Add	*5.59*	
		For 22 Gauge, Add	*12.85*	
		For 20 Gauge, Add	*20.96*	
		For 18 Gauge, Add	*32.13*	
		For 16 Gauge, Add	*39.12*	
		For PVC Coated, Inside And Outside, Add	*20.68*	
		For Work In Restricted Working Space, Add	*86.54*	
23 31 13 16-0106	EA	18" x 18" x 4" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	354.33	81.79
		For 24 Gauge, Add	*5.81*	
		For 22 Gauge, Add	*13.37*	
		For 20 Gauge, Add	*21.80*	
		For 18 Gauge, Add	*33.42*	
		For 16 Gauge, Add	*40.68*	
		For PVC Coated, Inside And Outside, Add	*21.50*	
		For Work In Restricted Working Space, Add	*97.58*	
23 31 13 16-0107	EA	20" x 20" x 4" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	402.99	93.26
		For 24 Gauge, Add	*6.02*	
		For 22 Gauge, Add	*13.86*	
		For 20 Gauge, Add	*22.59*	
		For 18 Gauge, Add	*34.64*	
		For 16 Gauge, Add	*42.17*	
		For PVC Coated, Inside And Outside, Add	*22.29*	
		For Work In Restricted Working Space, Add	*111.86*	
23 31 13 16-0108	EA	22" x 22" x 4" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	449.43	103.19
		For 24 Gauge, Add	*7.25*	
		For 22 Gauge, Add	*16.68*	
		For 20 Gauge, Add	*27.19*	
		For 18 Gauge, Add	*41.69*	
		For 16 Gauge, Add	*50.75*	
		For PVC Coated, Inside And Outside, Add	*26.83*	
		For Work In Restricted Working Space, Add	*123.95*	
23 31 13 16-0109	EA	24" x 24" x 4" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	487.08	112.37
		For 24 Gauge, Add	*7.49*	
		For 22 Gauge, Add	*17.22*	
		For 20 Gauge, Add	*28.08*	
		For 18 Gauge, Add	*43.06*	
		For 16 Gauge, Add	*52.42*	
		For PVC Coated, Inside And Outside, Add	*27.71*	
		For Work In Restricted Working Space, Add	*134.89*	
23 31 13 16-0110	EA	8" x 8" x 6" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	156.80	34.62
		For 24 Gauge, Add	*3.64*	
		For 22 Gauge, Add	*8.38*	
		For 20 Gauge, Add	*13.67*	
		For 18 Gauge, Add	*20.95*	
		For 16 Gauge, Add	*25.51*	
		For PVC Coated, Inside And Outside, Add	*13.48*	
		For Work In Restricted Working Space, Add	*41.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0111	EA	10" x 10" x 6" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	189.61	41.66
		For 24 Gauge, Add	*4.60*	
		For 22 Gauge, Add	*10.58*	
		For 20 Gauge, Add	*17.26*	
		For 18 Gauge, Add	*26.46*	
		For 16 Gauge, Add	*32.21*	
		For PVC Coated, Inside And Outside, Add	*17.03*	
		For Work In Restricted Working Space, Add	*49.98*	
23 31 13 16-0112	EA	12" x 12" x 6" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	230.36	50.60
		For 24 Gauge, Add	*5.59*	
		For 22 Gauge, Add	*12.85*	
		For 20 Gauge, Add	*20.95*	
		For 18 Gauge, Add	*32.12*	
		For 16 Gauge, Add	*39.10*	
		For PVC Coated, Inside And Outside, Add	*20.67*	
		For Work In Restricted Working Space, Add	*60.73*	
23 31 13 16-0113	EA	14" x 14" x 6" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	274.23	60.16
		For 24 Gauge, Add	*6.65*	
		For 22 Gauge, Add	*15.30*	
		For 20 Gauge, Add	*24.94*	
		For 18 Gauge, Add	*38.24*	
		For 16 Gauge, Add	*46.55*	
		For PVC Coated, Inside And Outside, Add	*24.61*	
		For Work In Restricted Working Space, Add	*72.29*	
23 31 13 16-0114	EA	16" x 16" x 6" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	347.77	77.35
		For 24 Gauge, Add	*7.71*	
		For 22 Gauge, Add	*17.73*	
		For 20 Gauge, Add	*28.91*	
		For 18 Gauge, Add	*44.33*	
		For 16 Gauge, Add	*53.97*	
		For PVC Coated, Inside And Outside, Add	*28.53*	
		For Work In Restricted Working Space, Add	*92.77*	
23 31 13 16-0115	EA	18" x 18" x 6" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	386.27	85.84
		For 24 Gauge, Add	*8.64*	
		For 22 Gauge, Add	*19.87*	
		For 20 Gauge, Add	*32.39*	
		For 18 Gauge, Add	*49.67*	
		For 16 Gauge, Add	*60.47*	
		For PVC Coated, Inside And Outside, Add	*31.96*	
		For Work In Restricted Working Space, Add	*102.92*	
23 31 13 16-0116	EA	20" x 20" x 6" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	439.16	97.69
		For 24 Gauge, Add	*9.83*	
		For 22 Gauge, Add	*22.62*	
		For 20 Gauge, Add	*36.88*	
		For 18 Gauge, Add	*56.55*	
		For 16 Gauge, Add	*68.84*	
		For PVC Coated, Inside And Outside, Add	*36.39*	
		For Work In Restricted Working Space, Add	*117.00*	
23 31 13 16-0117	EA	22" x 22" x 6" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	471.13	104.19
		For 24 Gauge, Add	*10.96*	
		For 22 Gauge, Add	*25.21*	
		For 20 Gauge, Add	*41.10*	
		For 18 Gauge, Add	*63.02*	
		For 16 Gauge, Add	*76.72*	
		For PVC Coated, Inside And Outside, Add	*40.55*	
		For Work In Restricted Working Space, Add	*124.90*	
23 31 13 16-0118	EA	24" x 24" x 6" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	511.15	112.97
		For 24 Gauge, Add	*11.88*	
		For 22 Gauge, Add	*27.31*	
		For 20 Gauge, Add	*44.54*	
		For 18 Gauge, Add	*68.29*	
		For 16 Gauge, Add	*83.13*	
		For PVC Coated, Inside And Outside, Add	*43.94*	
		For Work In Restricted Working Space, Add	*135.53*	
23 31 13 16-0119	EA	10" x 10" x 8" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	207.44	45.86
		For 24 Gauge, Add	*4.85*	
		For 22 Gauge, Add	*11.15*	
		For 20 Gauge, Add	*18.17*	
		For 18 Gauge, Add	*27.86*	
		For 16 Gauge, Add	*33.92*	
		For PVC Coated, Inside And Outside, Add	*17.93*	
		For Work In Restricted Working Space, Add	*54.96*	
23 31 13 16-0120	EA	12" x 12" x 8" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	252.10	55.80
		For 24 Gauge, Add	*5.88*	
		For 22 Gauge, Add	*13.51*	
		For 20 Gauge, Add	*22.04*	
		For 18 Gauge, Add	*33.79*	
		For 16 Gauge, Add	*41.13*	
		For PVC Coated, Inside And Outside, Add	*21.74*	
		For Work In Restricted Working Space, Add	*66.82*	
23 31 13 16-0121	EA	14" x 14" x 8" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	300.06	66.12
		For 24 Gauge, Add	*7.00*	
		For 22 Gauge, Add	*16.11*	
		For 20 Gauge, Add	*26.27*	
		For 18 Gauge, Add	*40.27*	
		For 16 Gauge, Add	*49.03*	
		For PVC Coated, Inside And Outside, Add	*25.91*	
		For Work In Restricted Working Space, Add	*79.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0122	EA	16" x 16" x 8" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	348.30	77.05
		For 24 Gauge, Add	*8.12*	
		For 22 Gauge, Add	*18.67*	
		For 20 Gauge, Add	*30.44*	
		For 18 Gauge, Add	*46.67*	
		For 16 Gauge, Add	*56.81*	
		For PVC Coated, Inside And Outside, Add	*30.03*	
		For Work In Restricted Working Space, Add	*92.32*	
23 31 13 16-0123	EA	18" x 18" x 8" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	389.79	86.15
		For 24 Gauge, Add	*9.09*	
		For 22 Gauge, Add	*20.92*	
		For 20 Gauge, Add	*34.10*	
		For 18 Gauge, Add	*52.29*	
		For 16 Gauge, Add	*63.66*	
		For PVC Coated, Inside And Outside, Add	*33.65*	
		For Work In Restricted Working Space, Add	*103.30*	
23 31 13 16-0124	EA	20" x 20" x 8" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	443.34	97.99
		For 24 Gauge, Add	*10.35*	
		For 22 Gauge, Add	*23.81*	
		For 20 Gauge, Add	*38.81*	
		For 18 Gauge, Add	*59.51*	
		For 16 Gauge, Add	*72.45*	
		For PVC Coated, Inside And Outside, Add	*38.30*	
		For Work In Restricted Working Space, Add	*117.48*	
23 31 13 16-0125	EA	22" x 22" x 8" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	494.97	109.31
		For 24 Gauge, Add	*11.54*	
		For 22 Gauge, Add	*26.53*	
		For 20 Gauge, Add	*43.26*	
		For 18 Gauge, Add	*66.33*	
		For 16 Gauge, Add	*80.75*	
		For PVC Coated, Inside And Outside, Add	*42.68*	
		For Work In Restricted Working Space, Add	*131.19*	
23 31 13 16-0126	EA	24" x 24" x 8" Spiral 45 Degree Reducing Laterals, Galvanized, 26 Gauge, Slip Joint	536.68	118.63
		For 24 Gauge, Add	*12.50*	
		For 22 Gauge, Add	*28.75*	
		For 20 Gauge, Add	*46.88*	
		For 18 Gauge, Add	*71.88*	
		For 16 Gauge, Add	*87.50*	
		For PVC Coated, Inside And Outside, Add	*46.25*	
		For Work In Restricted Working Space, Add	*142.25*	

23 31 13 16-0127 Reducers *(23 31 13 16-0062)*

23 31 13 16-0128	EA	6" x 4" Spiral Reducers, Galvanized, 26 Gauge, Slip Joint	68.60	15.29
		For 24 Gauge, Add	*1.49*	
		For 22 Gauge, Add	*3.42*	
		For 20 Gauge, Add	*5.58*	
		For 18 Gauge, Add	*8.56*	
		For 16 Gauge, Add	*10.42*	
		For PVC Coated, Inside And Outside, Add	*5.51*	
		For Work In Restricted Working Space, Add	*18.35*	
23 31 13 16-0129	EA	8" x 6" Spiral Reducers, Galvanized, 26 Gauge, Slip Joint	88.66	19.87
		For 24 Gauge, Add	*1.64*	
		For 22 Gauge, Add	*3.77*	
		For 20 Gauge, Add	*6.14*	
		For 18 Gauge, Add	*9.42*	
		For 16 Gauge, Add	*11.47*	
		For PVC Coated, Inside And Outside, Add	*6.06*	
		For Work In Restricted Working Space, Add	*24.14*	
23 31 13 16-0130	EA	10" x 8" Spiral Reducers, Galvanized, 26 Gauge, Slip Joint	110.98	25.22
		For 24 Gauge, Add	*1.81*	
		For 22 Gauge, Add	*4.17*	
		For 20 Gauge, Add	*6.80*	
		For 18 Gauge, Add	*10.42*	
		For 16 Gauge, Add	*12.68*	
		For PVC Coated, Inside And Outside, Add	*6.70*	
		For Work In Restricted Working Space, Add	*30.58*	
23 31 13 16-0131	EA	12" x 10" Spiral Reducers, Galvanized, 26 Gauge, Slip Joint	137.34	32.10
		For 24 Gauge, Add	*1.99*	
		For 22 Gauge, Add	*4.57*	
		For 20 Gauge, Add	*7.46*	
		For 18 Gauge, Add	*11.43*	
		For 16 Gauge, Add	*13.92*	
		For PVC Coated, Inside And Outside, Add	*7.36*	
		For Work In Restricted Working Space, Add	*38.22*	
23 31 13 16-0132	EA	14" x 12" Spiral Reducers, Galvanized, 26 Gauge, Slip Joint	150.04	35.17
		For 24 Gauge, Add	*2.21*	
		For 22 Gauge, Add	*5.09*	
		For 20 Gauge, Add	*8.30*	
		For 18 Gauge, Add	*12.72*	
		For 16 Gauge, Add	*15.48*	
		For PVC Coated, Inside And Outside, Add	*8.18*	
		For Work In Restricted Working Space, Add	*41.69*	
23 31 13 16-0133	EA	16" x 14" Spiral Reducers, Galvanized, 26 Gauge, Slip Joint	183.51	41.28
		For 24 Gauge, Add	*3.82*	
		For 22 Gauge, Add	*8.80*	
		For 20 Gauge, Add	*14.34*	
		For 18 Gauge, Add	*21.99*	
		For 16 Gauge, Add	*26.77*	
		For PVC Coated, Inside And Outside, Add	*14.15*	
		For Work In Restricted Working Space, Add	*49.32*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0134	EA	18" x 16" Spiral Reducers, Galvanized, 26 Gauge, Slip Joint	224.27	51.21
		For 24 Gauge, Add	*4.09*	
		For 22 Gauge, Add	*9.40*	
		For 20 Gauge, Add	*15.33*	
		For 18 Gauge, Add	*23.51*	
		For 16 Gauge, Add	*28.62*	
		For PVC Coated, Inside And Outside, Add	*15.13*	
		For Work In Restricted Working Space, Add	*61.15*	
23 31 13 16-0135	EA	20" x 18" Spiral Reducers, Galvanized, 26 Gauge, Slip Joint	268.39	61.91
		For 24 Gauge, Add	*4.36*	
		For 22 Gauge, Add	*10.03*	
		For 20 Gauge, Add	*16.36*	
		For 18 Gauge, Add	*25.08*	
		For 16 Gauge, Add	*30.53*	
		For PVC Coated, Inside And Outside, Add	*16.14*	
		For Work In Restricted Working Space, Add	*73.97*	
23 31 13 16-0136	EA	22" x 20" Spiral Reducers, Galvanized, 26 Gauge, Slip Joint	311.64	71.85
		For 24 Gauge, Add	*4.64*	
		For 22 Gauge, Add	*10.67*	
		For 20 Gauge, Add	*17.39*	
		For 18 Gauge, Add	*26.67*	
		For 16 Gauge, Add	*32.47*	
		For PVC Coated, Inside And Outside, Add	*17.16*	
		For Work In Restricted Working Space, Add	*86.54*	
23 31 13 16-0137	EA	24" x 22" Spiral Reducers, Galvanized, 26 Gauge, Slip Joint	349.71	81.79
		For 24 Gauge, Add	*4.89*	
		For 22 Gauge, Add	*11.24*	
		For 20 Gauge, Add	*18.33*	
		For 18 Gauge, Add	*28.11*	
		For 16 Gauge, Add	*34.22*	
		For PVC Coated, Inside And Outside, Add	*18.09*	
		For Work In Restricted Working Space, Add	*97.58*	

23 31 13 16-0138 Couplings *(23 31 13 16-0062)*

23 31 13 16-0139	EA	4" Spiral Couplings, Galvanized, 26 Gauge, Slip Joint	44.84	10.70
		For 24 Gauge, Add	*0.70*	
		For 22 Gauge, Add	*1.62*	
		For 20 Gauge, Add	*2.64*	
		For 18 Gauge, Add	*4.05*	
		For 16 Gauge, Add	*4.93*	
		For PVC Coated, Inside And Outside, Add	*2.60*	
		For Work In Restricted Working Space, Add	*12.40*	
23 31 13 16-0140	EA	6" Spiral Couplings, Galvanized, 26 Gauge, Slip Joint	65.16	15.29
		For 24 Gauge, Add	*0.80*	
		For 22 Gauge, Add	*1.84*	
		For 20 Gauge, Add	*3.00*	
		For 18 Gauge, Add	*4.60*	
		For 16 Gauge, Add	*5.60*	
		For PVC Coated, Inside And Outside, Add	*2.96*	
		For Work In Restricted Working Space, Add	*18.35*	
23 31 13 16-0141	EA	8" Spiral Couplings, Galvanized, 26 Gauge, Slip Joint	84.78	19.87
		For 24 Gauge, Add	*0.86*	
		For 22 Gauge, Add	*1.98*	
		For 20 Gauge, Add	*3.23*	
		For 18 Gauge, Add	*4.96*	
		For 16 Gauge, Add	*6.03*	
		For PVC Coated, Inside And Outside, Add	*3.19*	
		For Work In Restricted Working Space, Add	*24.14*	
23 31 13 16-0142	EA	10" Spiral Couplings, Galvanized, 26 Gauge, Slip Joint	106.55	25.22
		For 24 Gauge, Add	*0.93*	
		For 22 Gauge, Add	*2.13*	
		For 20 Gauge, Add	*3.47*	
		For 18 Gauge, Add	*5.32*	
		For 16 Gauge, Add	*6.48*	
		For PVC Coated, Inside And Outside, Add	*3.43*	
		For Work In Restricted Working Space, Add	*30.58*	
23 31 13 16-0143	EA	12" Spiral Couplings, Galvanized, 26 Gauge, Slip Joint	132.34	32.10
		For 24 Gauge, Add	*0.99*	
		For 22 Gauge, Add	*2.27*	
		For 20 Gauge, Add	*3.71*	
		For 18 Gauge, Add	*5.68*	
		For 16 Gauge, Add	*6.92*	
		For PVC Coated, Inside And Outside, Add	*3.66*	
		For Work In Restricted Working Space, Add	*38.22*	
23 31 13 16-0144	EA	14" Spiral Couplings, Galvanized, 26 Gauge, Slip Joint	144.23	35.17
		For 24 Gauge, Add	*1.05*	
		For 22 Gauge, Add	*2.42*	
		For 20 Gauge, Add	*3.94*	
		For 18 Gauge, Add	*6.04*	
		For 16 Gauge, Add	*7.35*	
		For PVC Coated, Inside And Outside, Add	*3.89*	
		For Work In Restricted Working Space, Add	*41.69*	
23 31 13 16-0145	EA	16" Spiral Couplings, Galvanized, 26 Gauge, Slip Joint	170.20	41.28
		For 24 Gauge, Add	*1.16*	
		For 22 Gauge, Add	*2.67*	
		For 20 Gauge, Add	*4.36*	
		For 18 Gauge, Add	*6.68*	
		For 16 Gauge, Add	*8.13*	
		For PVC Coated, Inside And Outside, Add	*4.30*	
		For Work In Restricted Working Space, Add	*49.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0146	EA	18" Spiral Couplings, Galvanized, 26 Gauge, Slip Joint	209.95	51.21
		For 24 Gauge, Add	*1.22*	
		For 22 Gauge, Add	*2.82*	
		For 20 Gauge, Add	*4.59*	
		For 18 Gauge, Add	*7.04*	
		For 16 Gauge, Add	*8.57*	
		For PVC Coated, Inside And Outside, Add	*4.53*	
		For Work In Restricted Working Space, Add	*61.15*	
23 31 13 16-0147	EA	20" Spiral Couplings, Galvanized, 26 Gauge, Slip Joint	253.08	61.91
		For 24 Gauge, Add	*1.30*	
		For 22 Gauge, Add	*2.99*	
		For 20 Gauge, Add	*4.88*	
		For 18 Gauge, Add	*7.48*	
		For 16 Gauge, Add	*9.10*	
		For PVC Coated, Inside And Outside, Add	*4.81*	
		For Work In Restricted Working Space, Add	*73.97*	
23 31 13 16-0148	EA	22" Spiral Couplings, Galvanized, 26 Gauge, Slip Joint	295.20	144.47
		For 24 Gauge, Add	*1.35*	
		For 22 Gauge, Add	*3.11*	
		For 20 Gauge, Add	*5.06*	
		For 18 Gauge, Add	*7.76*	
		For 16 Gauge, Add	*9.45*	
		For PVC Coated, Inside And Outside, Add	*5.00*	
		For Work In Restricted Working Space, Add	*86.54*	
23 31 13 16-0149	EA	24" Spiral Couplings, Galvanized, 26 Gauge, Slip Joint	332.39	162.82
		For 24 Gauge, Add	*1.42*	
		For 22 Gauge, Add	*3.28*	
		For 20 Gauge, Add	*5.34*	
		For 18 Gauge, Add	*8.19*	
		For 16 Gauge, Add	*9.97*	
		For PVC Coated, Inside And Outside, Add	*5.27*	
		For Work In Restricted Working Space, Add	*97.58*	

23 31 13 16-0150 Caps *(23 31 13 16-0062)*

23 31 13 16-0151	EA	4" Spiral Caps, Galvanized, 26 Gauge, Slip Joint	24.78	10.70
		For 24 Gauge, Add	*0.82*	
		For 22 Gauge, Add	*1.90*	
		For 20 Gauge, Add	*3.09*	
		For 18 Gauge, Add	*4.74*	
		For 16 Gauge, Add	*5.77*	
		For PVC Coated, Inside And Outside, Add	*3.05*	
		For Work In Restricted Working Space, Add	*6.20*	
23 31 13 16-0152	EA	6" Spiral Caps, Galvanized, 26 Gauge, Slip Joint	35.20	15.29
		For 24 Gauge, Add	*0.93*	
		For 22 Gauge, Add	*2.13*	
		For 20 Gauge, Add	*3.47*	
		For 18 Gauge, Add	*5.32*	
		For 16 Gauge, Add	*6.48*	
		For PVC Coated, Inside And Outside, Add	*3.43*	
		For Work In Restricted Working Space, Add	*9.17*	
23 31 13 16-0153	EA	8" Spiral Caps, Galvanized, 26 Gauge, Slip Joint	45.29	20.64
		For 24 Gauge, Add	*1.01*	
		For 22 Gauge, Add	*2.33*	
		For 20 Gauge, Add	*3.80*	
		For 18 Gauge, Add	*5.82*	
		For 16 Gauge, Add	*7.08*	
		For PVC Coated, Inside And Outside, Add	*3.74*	
		For Work In Restricted Working Space, Add	*12.07*	
23 31 13 16-0154	EA	10" Spiral Caps, Galvanized, 26 Gauge, Slip Joint	56.58	25.99
		For 24 Gauge, Add	*1.12*	
		For 22 Gauge, Add	*2.59*	
		For 20 Gauge, Add	*4.22*	
		For 18 Gauge, Add	*6.46*	
		For 16 Gauge, Add	*7.87*	
		For PVC Coated, Inside And Outside, Add	*4.16*	
		For Work In Restricted Working Space, Add	*15.29*	
23 31 13 16-0155	EA	12" Spiral Caps, Galvanized, 26 Gauge, Slip Joint	69.95	32.10
		For 24 Gauge, Add	*1.25*	
		For 22 Gauge, Add	*2.88*	
		For 20 Gauge, Add	*4.69*	
		For 18 Gauge, Add	*7.19*	
		For 16 Gauge, Add	*8.75*	
		For PVC Coated, Inside And Outside, Add	*4.63*	
		For Work In Restricted Working Space, Add	*19.11*	
23 31 13 16-0156	EA	14" Spiral Caps, Galvanized, 26 Gauge, Slip Joint	76.37	35.17
		For 24 Gauge, Add	*1.38*	
		For 22 Gauge, Add	*3.16*	
		For 20 Gauge, Add	*5.16*	
		For 18 Gauge, Add	*7.91*	
		For 16 Gauge, Add	*9.63*	
		For PVC Coated, Inside And Outside, Add	*5.09*	
		For Work In Restricted Working Space, Add	*20.85*	
23 31 13 16-0157	EA	16" Spiral Caps, Galvanized, 26 Gauge, Slip Joint	88.41	40.51
		For 24 Gauge, Add	*1.59*	
		For 22 Gauge, Add	*3.65*	
		For 20 Gauge, Add	*5.96*	
		For 18 Gauge, Add	*9.13*	
		For 16 Gauge, Add	*11.12*	
		For PVC Coated, Inside And Outside, Add	*5.88*	
		For Work In Restricted Working Space, Add	*24.14*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0158	EA	18" Spiral Caps, Galvanized, 26 Gauge, Slip Joint	128.67	51.21
		For 24 Gauge, Add	*5.35*	
		For 22 Gauge, Add	*12.31*	
		For 20 Gauge, Add	*20.06*	
		For 18 Gauge, Add	*30.76*	
		For 16 Gauge, Add	*37.45*	
		For PVC Coated, Inside And Outside, Add	*19.80*	
		For Work In Restricted Working Space, Add	*30.58*	
23 31 13 16-0159	EA	20" Spiral Caps, Galvanized, 26 Gauge, Slip Joint	156.40	63.44
		For 24 Gauge, Add	*5.80*	
		For 22 Gauge, Add	*13.34*	
		For 20 Gauge, Add	*21.75*	
		For 18 Gauge, Add	*33.35*	
		For 16 Gauge, Add	*40.60*	
		For PVC Coated, Inside And Outside, Add	*21.46*	
		For Work In Restricted Working Space, Add	*38.22*	
23 31 13 16-0160	EA	22" Spiral Caps, Galvanized, 26 Gauge, Slip Joint	170.23	69.56
		For 24 Gauge, Add	*6.25*	
		For 22 Gauge, Add	*14.38*	
		For 20 Gauge, Add	*23.44*	
		For 18 Gauge, Add	*35.94*	
		For 16 Gauge, Add	*43.75*	
		For PVC Coated, Inside And Outside, Add	*23.13*	
		For Work In Restricted Working Space, Add	*41.69*	
23 31 13 16-0161	EA	24" Spiral Caps, Galvanized, 26 Gauge, Slip Joint	196.19	81.03
		For 24 Gauge, Add	*6.71*	
		For 22 Gauge, Add	*15.44*	
		For 20 Gauge, Add	*25.17*	
		For 18 Gauge, Add	*38.59*	
		For 16 Gauge, Add	*46.98*	
		For PVC Coated, Inside And Outside, Add	*24.83*	
		For Work In Restricted Working Space, Add	*48.79*	

23 31 13 19 Metal Duct Fittings *(23 31 13)*

23 31 13 19-0001 Sheet Metal Baffles *(23 31 13 19)*

23 31 13 19-0002	LF	Sheet Metal Baffles Under Raised Floor	29.66	23.57
		For Work In Restricted Working Space, Add	*8.62*	

23 31 13 23 Galvanized Steel Welded Duct *(23 31 13)*

Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.

23 31 13 23-0001 Welded Steel Ductwork *(23 31 13 23)*

Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.

23 31 13 23-0002 Galvanized Steel Welded Duct, For Kitchen *(23 31 13 23-0001)*

Note: Also includes special exhaust systems and waste.

23 31 13 23-0003	LB	Galvanized Steel Welded Duct	18.18	7.15
		For PVC Coated, Inside And Outside, Add	*2.85*	
		For Work In Restricted Working Space, Add	*4.30*	

23 31 13 23-0004 Black Steel Ductwork *(23 31 13 23-0001)*

23 31 13 23-0005	LB	Black Steel Ductwork	15.59	7.37
		For PVC Coated, Inside And Outside, Add	*0.64*	
		For Work In Restricted Working Space, Add	*4.42*	

23 31 13 33 Duct Boots *(23 31 13)*

23 31 13 33-0001 Duct Register Boots *(23 31 13 33)*

23 31 13 33-0002	EA	10" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	29.82	10.37
		For Stainless Steel, Add	*11.79*	
23 31 13 33-0003	EA	10" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	29.82	10.37
		For Stainless Steel, Add	*11.79*	
23 31 13 33-0004	EA	12" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	31.68	11.21
		For Stainless Steel, Add	*12.05*	
23 31 13 33-0005	EA	12" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	31.68	11.21
		For Stainless Steel, Add	*12.05*	
23 31 13 33-0006	EA	12" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	33.92	11.21
		For Stainless Steel, Add	*14.96*	
23 31 13 33-0007	EA	14" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	34.45	12.03
		For Stainless Steel, Add	*13.49*	
23 31 13 33-0008	EA	14" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	34.45	12.03
		For Stainless Steel, Add	*13.49*	
23 31 13 33-0009	EA	14" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	35.84	12.03
		For Stainless Steel, Add	*15.30*	
23 31 13 33-0010	EA	10" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	33.89	12.87
		For Stainless Steel, Add	*10.61*	
23 31 13 33-0011	EA	12" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	35.79	13.69
		For Stainless Steel, Add	*10.92*	
23 31 13 33-0012	EA	12" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	41.50	13.69
		For Stainless Steel, Add	*18.34*	
23 31 13 33-0013	EA	14" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	37.96	14.52
		For Stainless Steel, Add	*11.58*	
23 31 13 33-0014	EA	14" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	43.54	14.52
		For Stainless Steel, Add	*18.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 33-0015	EA	12" x 2-1/4" x 5" Register Boot, Center, Galvanized Steel	30.33	11.21
		For Stainless Steel, Add	*10.30*	
23 31 13 33-0016	EA	12" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	30.33	11.21
		For Stainless Steel, Add	*10.30*	
23 31 13 33-0017	EA	14" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	32.90	12.03
		For Stainless Steel, Add	*11.48*	
23 31 13 33-0018	EA	14" x 2-1/4" x 7" Register Boot, Center, Galvanized Steel	34.23	12.03
		For Stainless Steel, Add	*13.21*	
23 31 13 33-0019	EA	10" x 4" x 6" Register Boot, Center, Galvanized Steel	34.07	12.87
		For Stainless Steel, Add	*10.84*	
23 31 13 33-0020	EA	12" x 4" x 6" Register Boot, Center, Galvanized Steel	35.95	13.69
		For Stainless Steel, Add	*11.13*	
23 31 13 33-0021	EA	12" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	31.24	11.21
		For Stainless Steel, Add	*11.48*	
23 31 13 33-0022	EA	14" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	33.44	12.03
		For Stainless Steel, Add	*12.18*	
23 31 13 33-0023	EA	10" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	29.82	10.37
		For Stainless Steel, Add	*11.79*	
23 31 13 33-0024	EA	12" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	31.68	11.21
		For Stainless Steel, Add	*12.05*	
23 31 13 33-0025	EA	14" x 2-1/4" x 5" Register Boot, Universal, Galvanized Steel	34.45	12.03
		For Stainless Steel, Add	*13.49*	
23 31 13 33-0026	EA	14" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	34.45	12.03
		For Stainless Steel, Add	*13.49*	
23 31 13 33-0027	EA	10" x 4" x 6" Register Boot, Universal, Galvanized Steel	33.89	12.87
		For Stainless Steel, Add	*10.61*	
23 31 13 33-0028	EA	12" x 4" x 6" Register Boot, Universal, Galvanized Steel	35.79	13.69
		For Stainless Steel, Add	*10.92*	
23 31 13 33-0029	EA	12" x 4" x 7" Register Boot, Universal, Galvanized Steel	41.50	13.69
		For Stainless Steel, Add	*18.34*	
23 31 13 33-0030	EA	14" x 4" x 7" Register Boot, Universal, Galvanized Steel	43.16	14.52
		For Stainless Steel, Add	*18.34*	

23 31 16 Nonmetal Ducts *(23 31)*

23 31 16 13 Fibrous-Glass Ducts *(23 31 16)*

23 31 16 13-0001 Glass Fiber Duct Board *(23 31 16 13)*

Note: Rigid, rectangular boards faced on one side with a fire-resistant foil-scrim-kraft (FSK) vapor retarder and a lightweight fiber glass mat on the airstream surface.

23 31 16 13-0002	SF	1" Glass Fiber Duct Board (EI-475)	6.99	1.47
23 31 16 13-0003	SF	1-1/2" Glass Fiber Duct Board (EI-800)	8.13	1.62
23 31 16 13-0004	SF	2" Glass Fiber Duct Board (EI-800)	9.33	1.78

23 31 16 16 Thermoset Fiberglass-Reinforced Plastic Ducts *(23 31 16)*

23 31 16 16-0001 Round Fiber Reinforced Plastic Duct *(23 31 16 16)*

23 31 16 16-0002 Round Fiber Reinforced Plastic Duct *(23 31 16 16-0001)*

23 31 16 16-0003	LF	2" Fiber Reinforced Plastic Duct	10.89	3.87
23 31 16 16-0004	LF	3" Fiber Reinforced Plastic Duct	13.54	4.52
23 31 16 16-0005	LF	4" Fiber Reinforced Plastic Duct	18.51	6.64
23 31 16 16-0006	LF	6" Fiber Reinforced Plastic Duct	24.41	8.39
23 31 16 16-0007	LF	8" Fiber Reinforced Plastic Duct	30.88	10.51
23 31 16 16-0008	LF	10" Fiber Reinforced Plastic Duct	37.23	12.62
23 31 16 16-0009	LF	12" Fiber Reinforced Plastic Duct	42.08	14.75
23 31 16 16-0010	LF	14" Fiber Reinforced Plastic Duct	47.78	16.13
23 31 16 16-0011	LF	16" Fiber Reinforced Plastic Duct	51.56	17.16
23 31 16 16-0012	LF	18" Fiber Reinforced Plastic Duct	63.44	19.27
23 31 16 16-0013	LF	20" Fiber Reinforced Plastic Duct	66.86	20.65
23 31 16 16-0014	LF	24" Fiber Reinforced Plastic Duct	81.34	22.04
23 31 16 16-0015	LF	30" Fiber Reinforced Plastic Duct	93.26	25.55
23 31 16 16-0016	LF	36" Fiber Reinforced Plastic Duct	108.09	30.81
23 31 16 16-0017	LF	42" Fiber Reinforced Plastic Duct	142.27	34.30
23 31 16 16-0018	LF	48" Fiber Reinforced Plastic Duct	159.42	38.55
23 31 16 16-0019	LF	54" Fiber Reinforced Plastic Duct	177.53	44.17
23 31 16 16-0020	LF	60" Fiber Reinforced Plastic Duct	201.95	51.53
23 31 16 16-0021	LF	66" Fiber Reinforced Plastic Duct	219.20	63.07
23 31 16 16-0022	LF	72" Fiber Reinforced Plastic Duct	267.52	77.08

23 31 16 16-0023 Fiber Reinforced Plastic Bell *(23 31 16 16-0001)*

23 31 16 16-0024	EA	2" Fiber Reinforced Plastic Bell	45.79	15.70
23 31 16 16-0025	EA	3" Fiber Reinforced Plastic Bell	55.23	18.62
23 31 16 16-0026	EA	4" Fiber Reinforced Plastic Bell	63.59	21.90
23 31 16 16-0027	EA	6" Fiber Reinforced Plastic Bell	83.59	29.20
23 31 16 16-0028	EA	8" Fiber Reinforced Plastic Bell	101.80	36.50
23 31 16 16-0029	EA	10" Fiber Reinforced Plastic Bell	118.20	43.79
23 31 16 16-0030	EA	12" Fiber Reinforced Plastic Bell	146.57	54.38
23 31 16 16-0031	EA	14" Fiber Reinforced Plastic Bell	156.73	58.39
23 31 16 16-0032	EA	16" Fiber Reinforced Plastic Bell	169.82	62.41
23 31 16 16-0033	EA	18" Fiber Reinforced Plastic Bell	182.91	67.16
23 31 16 16-0034	EA	20" Fiber Reinforced Plastic Bell	199.99	73.00
23 31 16 16-0035	EA	24" Fiber Reinforced Plastic Bell	232.59	80.29
23 31 16 16-0036	EA	30" Fiber Reinforced Plastic Bell	270.59	87.60
23 31 16 16-0037	EA	36" Fiber Reinforced Plastic Bell	306.90	98.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0038	EA	42" Fiber Reinforced Plastic Bell	343.20	109.49
23 31 16 16-0039	EA	48" Fiber Reinforced Plastic Bell	379.48	120.44
23 31 16 16-0040	EA	54" Fiber Reinforced Plastic Bell	471.98	145.99
23 31 16 16-0041	EA	60" Fiber Reinforced Plastic Bell	562.98	182.49
23 31 16 16-0042	EA	66" Fiber Reinforced Plastic Bell	675.54	218.99
23 31 16 16-0043	EA	72" Fiber Reinforced Plastic Bell	773.63	248.19
23 31 16 16-0044		Fiber Reinforced Plastic Flange *(23 31 16 16-0001)*		
23 31 16 16-0045	EA	2" Fiber Reinforced Plastic Flange	74.59	15.70
23 31 16 16-0046	EA	3" Fiber Reinforced Plastic Flange	85.83	18.62
23 31 16 16-0047	EA	4" Fiber Reinforced Plastic Flange	97.79	21.90
23 31 16 16-0048	EA	6" Fiber Reinforced Plastic Flange	126.79	29.20
23 31 16 16-0049	EA	8" Fiber Reinforced Plastic Flange	154.00	36.50
23 31 16 16-0050	EA	10" Fiber Reinforced Plastic Flange	181.20	43.79
23 31 16 16-0051	EA	12" Fiber Reinforced Plastic Flange	213.17	54.38
23 31 16 16-0052	EA	14" Fiber Reinforced Plastic Flange	237.73	58.39
23 31 16 16-0053	EA	16" Fiber Reinforced Plastic Flange	259.82	62.41
23 31 16 16-0054	EA	18" Fiber Reinforced Plastic Flange	276.51	67.16
23 31 16 16-0055	EA	20" Fiber Reinforced Plastic Flange	289.99	73.00
23 31 16 16-0056	EA	24" Fiber Reinforced Plastic Flange	340.59	80.29
23 31 16 16-0057	EA	30" Fiber Reinforced Plastic Flange	374.99	87.60
23 31 16 16-0058	EA	36" Fiber Reinforced Plastic Flange	463.50	98.54
23 31 16 16-0059	EA	42" Fiber Reinforced Plastic Flange	516.00	109.49
23 31 16 16-0060	EA	48" Fiber Reinforced Plastic Flange	586.48	120.44
23 31 16 16-0061	EA	54" Fiber Reinforced Plastic Flange	687.98	145.99
23 31 16 16-0062	EA	60" Fiber Reinforced Plastic Flange	820.38	182.49
23 31 16 16-0063	EA	66" Fiber Reinforced Plastic Flange	952.74	218.99
23 31 16 16-0064	EA	72" Fiber Reinforced Plastic Flange	1,090.43	248.19
23 31 16 16-0065		Fiber Reinforced Plastic 90 Degree Elbow *(23 31 16 16-0001)*		
23 31 16 16-0066	EA	2" Fiber Reinforced Plastic 90 Degree Elbow	122.47	37.81
23 31 16 16-0067	EA	3" Fiber Reinforced Plastic 90 Degree Elbow	143.73	45.18
23 31 16 16-0068	EA	4" Fiber Reinforced Plastic 90 Degree Elbow	166.79	52.56
23 31 16 16-0069	EA	6" Fiber Reinforced Plastic 90 Degree Elbow	215.79	70.08
23 31 16 16-0070	EA	8" Fiber Reinforced Plastic 90 Degree Elbow	264.79	87.60
23 31 16 16-0071	EA	10" Fiber Reinforced Plastic 90 Degree Elbow	313.80	105.12
23 31 16 16-0072	EA	12" Fiber Reinforced Plastic 90 Degree Elbow	385.24	130.74
23 31 16 16-0073	EA	14" Fiber Reinforced Plastic 90 Degree Elbow	437.68	138.40
23 31 16 16-0074	EA	16" Fiber Reinforced Plastic 90 Degree Elbow	498.93	150.30
23 31 16 16-0075	EA	18" Fiber Reinforced Plastic 90 Degree Elbow	596.24	161.17
23 31 16 16-0076	EA	20" Fiber Reinforced Plastic 90 Degree Elbow	688.03	175.19
23 31 16 16-0077	EA	24" Fiber Reinforced Plastic 90 Degree Elbow	798.23	192.71
23 31 16 16-0078	EA	30" Fiber Reinforced Plastic 90 Degree Elbow	1,079.40	210.23
23 31 16 16-0079	EA	36" Fiber Reinforced Plastic 90 Degree Elbow	1,384.23	236.51
23 31 16 16-0080	EA	42" Fiber Reinforced Plastic 90 Degree Elbow	1,824.04	262.86
23 31 16 16-0081	EA	48" Fiber Reinforced Plastic 90 Degree Elbow	2,164.89	289.14
23 31 16 16-0082	EA	54" Fiber Reinforced Plastic 90 Degree Elbow	2,563.96	350.38
23 31 16 16-0083	EA	60" Fiber Reinforced Plastic 90 Degree Elbow	3,105.95	437.97
23 31 16 16-0084	EA	66" Fiber Reinforced Plastic 90 Degree Elbow	3,647.67	525.42
23 31 16 16-0085	EA	72" Fiber Reinforced Plastic 90 Degree Elbow	4,160.33	595.43
23 31 16 16-0086		Fiber Reinforced Plastic 45 Degree Elbow *(23 31 16 16-0001)*		
23 31 16 16-0087	EA	2" Fiber Reinforced Plastic 45 Degree Elbow	102.67	37.81
23 31 16 16-0088	EA	3" Fiber Reinforced Plastic 45 Degree Elbow	120.33	45.18
23 31 16 16-0089	EA	4" Fiber Reinforced Plastic 45 Degree Elbow	139.78	52.56
23 31 16 16-0090	EA	6" Fiber Reinforced Plastic 45 Degree Elbow	176.19	70.08
23 31 16 16-0091	EA	8" Fiber Reinforced Plastic 45 Degree Elbow	212.59	87.60
23 31 16 16-0092	EA	10" Fiber Reinforced Plastic 45 Degree Elbow	252.65	105.12
23 31 16 16-0093	EA	12" Fiber Reinforced Plastic 45 Degree Elbow	311.49	130.74
23 31 16 16-0094	EA	14" Fiber Reinforced Plastic 45 Degree Elbow	338.62	138.40
23 31 16 16-0095	EA	16" Fiber Reinforced Plastic 45 Degree Elbow	405.19	150.22
23 31 16 16-0096	EA	18" Fiber Reinforced Plastic 45 Degree Elbow	466.84	161.32
23 31 16 16-0097	EA	20" Fiber Reinforced Plastic 45 Degree Elbow	540.38	175.19
23 31 16 16-0098	EA	24" Fiber Reinforced Plastic 45 Degree Elbow	623.29	192.57
23 31 16 16-0099	EA	30" Fiber Reinforced Plastic 45 Degree Elbow	791.13	210.09
23 31 16 16-0100	EA	36" Fiber Reinforced Plastic 45 Degree Elbow	968.77	236.72
23 31 16 16-0101	EA	42" Fiber Reinforced Plastic 45 Degree Elbow	1,235.76	263.01
23 31 16 16-0102	EA	48" Fiber Reinforced Plastic 45 Degree Elbow	1,453.89	289.14
23 31 16 16-0103	EA	54" Fiber Reinforced Plastic 45 Degree Elbow	1,732.36	350.38
23 31 16 16-0104	EA	60" Fiber Reinforced Plastic 45 Degree Elbow	2,076.35	437.97
23 31 16 16-0105	EA	66" Fiber Reinforced Plastic 45 Degree Elbow	2,439.99	524.40
23 31 16 16-0106	EA	72" Fiber Reinforced Plastic 45 Degree Elbow	2,757.41	596.01
23 31 16 16-0107		Fiber Reinforced Plastic Tee *(23 31 16 16-0001)*		
23 31 16 16-0108	EA	2" Fiber Reinforced Plastic Tee	157.02	56.43
23 31 16 16-0109	EA	3" Fiber Reinforced Plastic Tee	185.29	67.96
23 31 16 16-0110	EA	4" Fiber Reinforced Plastic Tee	212.39	78.83
23 31 16 16-0111	EA	6" Fiber Reinforced Plastic Tee	274.20	105.12
23 31 16 16-0112	EA	8" Fiber Reinforced Plastic Tee	334.84	130.74
23 31 16 16-0113	EA	10" Fiber Reinforced Plastic Tee	398.94	158.40
23 31 16 16-0114	EA	12" Fiber Reinforced Plastic Tee	481.99	191.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0115	EA	14" Fiber Reinforced Plastic Tee	526.28	207.75
23 31 16 16-0116	EA	16" Fiber Reinforced Plastic Tee	610.11	225.70
23 31 16 16-0117	EA	18" Fiber Reinforced Plastic Tee	690.93	241.76
23 31 16 16-0118	EA	20" Fiber Reinforced Plastic Tee	798.04	262.86
23 31 16 16-0119	EA	24" Fiber Reinforced Plastic Tee	913.89	289.14
23 31 16 16-0120	EA	30" Fiber Reinforced Plastic Tee	1,092.45	315.27
23 31 16 16-0121	EA	36" Fiber Reinforced Plastic Tee	1,311.54	354.91
23 31 16 16-0122	EA	42" Fiber Reinforced Plastic Tee	1,737.14	394.32
23 31 16 16-0123	EA	48" Fiber Reinforced Plastic Tee	2,073.01	433.81
23 31 16 16-0124	EA	54" Fiber Reinforced Plastic Tee	2,496.51	525.93
23 31 16 16-0125	EA	60" Fiber Reinforced Plastic Tee	2,985.38	657.26
23 31 16 16-0126	EA	66" Fiber Reinforced Plastic Tee	3,473.82	788.29
23 31 16 16-0127	EA	72" Fiber Reinforced Plastic Tee	3,919.71	893.84

23 31 16 16-0128 Fiber Reinforced Plastic Lateral Joint *(23 31 16 16-0001)*

23 31 16 16-0129	EA	2" Fiber Reinforced Plastic Lateral Joint	130.01	56.43
23 31 16 16-0130	EA	3" Fiber Reinforced Plastic Lateral Joint	152.86	67.96
23 31 16 16-0131	EA	4" Fiber Reinforced Plastic Lateral Joint	174.61	78.83
23 31 16 16-0132	EA	6" Fiber Reinforced Plastic Lateral Joint	222.05	105.12
23 31 16 16-0133	EA	8" Fiber Reinforced Plastic Lateral Joint	268.29	130.74
23 31 16 16-0134	EA	10" Fiber Reinforced Plastic Lateral Joint	321.58	158.40
23 31 16 16-0135	EA	12" Fiber Reinforced Plastic Lateral Joint	384.96	192.12
23 31 16 16-0136	EA	14" Fiber Reinforced Plastic Lateral Joint	417.95	207.60
23 31 16 16-0137	EA	16" Fiber Reinforced Plastic Lateral Joint	459.07	225.77
23 31 16 16-0138	EA	18" Fiber Reinforced Plastic Lateral Joint	496.90	241.98
23 31 16 16-0139	EA	20" Fiber Reinforced Plastic Lateral Joint	542.76	263.01
23 31 16 16-0140	EA	24" Fiber Reinforced Plastic Lateral Joint	600.69	289.14
23 31 16 16-0141	EA	30" Fiber Reinforced Plastic Lateral Joint	663.75	315.12
23 31 16 16-0142	EA	36" Fiber Reinforced Plastic Lateral Joint	749.56	354.69
23 31 16 16-0143	EA	42" Fiber Reinforced Plastic Lateral Joint	837.62	394.54
23 31 16 16-0144	EA	48" Fiber Reinforced Plastic Lateral Joint	920.73	433.67
23 31 16 16-0145	EA	54" Fiber Reinforced Plastic Lateral Joint	1,098.99	524.40
23 31 16 16-0146	EA	60" Fiber Reinforced Plastic Lateral Joint	1,340.35	658.42
23 31 16 16-0147	EA	66" Fiber Reinforced Plastic Lateral Joint	1,620.76	788.87
23 31 16 16-0148	EA	72" Fiber Reinforced Plastic Lateral Joint	1,813.71	893.84

23 31 16 16-0149 Fiber Reinforced Plastic One Piece Reducer *(23 31 16 16-0001)*

23 31 16 16-0150	EA	2" Fiber Reinforced Plastic One Piece Reducer	109.89	37.88
23 31 16 16-0151	EA	3" Fiber Reinforced Plastic One Piece Reducer	129.37	45.26
23 31 16 16-0152	EA	4" Fiber Reinforced Plastic One Piece Reducer	152.43	52.56
23 31 16 16-0153	EA	6" Fiber Reinforced Plastic One Piece Reducer	195.99	70.08
23 31 16 16-0154	EA	8" Fiber Reinforced Plastic One Piece Reducer	235.99	87.60
23 31 16 16-0155	EA	10" Fiber Reinforced Plastic One Piece Reducer	283.89	105.55
23 31 16 16-0156	EA	12" Fiber Reinforced Plastic One Piece Reducer	336.69	130.74
23 31 16 16-0157	EA	14" Fiber Reinforced Plastic One Piece Reducer	360.22	138.40
23 31 16 16-0158	EA	16" Fiber Reinforced Plastic One Piece Reducer	397.99	150.22
23 31 16 16-0159	EA	18" Fiber Reinforced Plastic One Piece Reducer	438.04	161.32
23 31 16 16-0160	EA	20" Fiber Reinforced Plastic One Piece Reducer	489.98	175.19
23 31 16 16-0161	EA	24" Fiber Reinforced Plastic One Piece Reducer	559.17	192.93
23 31 16 16-0162	EA	30" Fiber Reinforced Plastic One Piece Reducer	628.14	210.59
23 31 16 16-0163	EA	36" Fiber Reinforced Plastic One Piece Reducer	711.37	236.72
23 31 16 16-0164	EA	42" Fiber Reinforced Plastic One Piece Reducer	794.76	263.01
23 31 16 16-0165	EA	48" Fiber Reinforced Plastic One Piece Reducer	895.89	289.14
23 31 16 16-0166	EA	54" Fiber Reinforced Plastic One Piece Reducer	1,060.96	350.38
23 31 16 16-0167	EA	60" Fiber Reinforced Plastic One Piece Reducer	1,264.55	437.97
23 31 16 16-0168	EA	66" Fiber Reinforced Plastic One Piece Reducer	1,413.99	524.40
23 31 16 16-0169	EA	72" Fiber Reinforced Plastic One Piece Reducer	1,587.41	596.01

23 31 16 16-0170 Fiber Reinforced Plastic Two Piece Reducer *(23 31 16 16-0001)*

23 31 16 16-0171	EA	2" Fiber Reinforced Plastic Two Piece Reducer	131.49	37.88
23 31 16 16-0172	EA	3" Fiber Reinforced Plastic Two Piece Reducer	143.77	45.26
23 31 16 16-0173	EA	4" Fiber Reinforced Plastic Two Piece Reducer	166.83	52.56
23 31 16 16-0174	EA	6" Fiber Reinforced Plastic Two Piece Reducer	215.79	70.08
23 31 16 16-0175	EA	8" Fiber Reinforced Plastic Two Piece Reducer	264.79	87.60
23 31 16 16-0176	EA	10" Fiber Reinforced Plastic Two Piece Reducer	314.49	105.55
23 31 16 16-0177	EA	12" Fiber Reinforced Plastic Two Piece Reducer	376.29	130.74
23 31 16 16-0178	EA	14" Fiber Reinforced Plastic Two Piece Reducer	410.62	138.40
23 31 16 16-0179	EA	16" Fiber Reinforced Plastic Two Piece Reducer	448.39	150.22
23 31 16 16-0180	EA	18" Fiber Reinforced Plastic Two Piece Reducer	506.44	161.32
23 31 16 16-0181	EA	20" Fiber Reinforced Plastic Two Piece Reducer	641.18	175.19
23 31 16 16-0182	EA	24" Fiber Reinforced Plastic Two Piece Reducer	780.57	192.93
23 31 16 16-0183	EA	30" Fiber Reinforced Plastic Two Piece Reducer	836.94	210.59
23 31 16 16-0184	EA	36" Fiber Reinforced Plastic Two Piece Reducer	952.57	236.72
23 31 16 16-0185	EA	42" Fiber Reinforced Plastic Two Piece Reducer	1,032.36	263.01
23 31 16 16-0186	EA	48" Fiber Reinforced Plastic Two Piece Reducer	1,129.89	289.14
23 31 16 16-0187	EA	54" Fiber Reinforced Plastic Two Piece Reducer	1,249.96	350.38
23 31 16 16-0188	EA	60" Fiber Reinforced Plastic Two Piece Reducer	1,442.75	437.97
23 31 16 16-0189	EA	66" Fiber Reinforced Plastic Two Piece Reducer	1,611.99	524.40
23 31 16 16-0190	EA	72" Fiber Reinforced Plastic Two Piece Reducer	1,767.41	596.01

23 31 16 16-0191 Fiber Reinforced Plastic Butterfly Dampers *(23 31 16 16-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0192	EA	2" Fiber Reinforced Plastic Damper	234.06	37.81
23 31 16 16-0193	EA	3" Fiber Reinforced Plastic Damper	264.33	45.18
23 31 16 16-0194	EA	4" Fiber Reinforced Plastic Damper	294.59	52.56
23 31 16 16-0195	EA	6" Fiber Reinforced Plastic Damper	350.79	70.08
23 31 16 16-0196	EA	8" Fiber Reinforced Plastic Damper	415.99	87.60
23 31 16 16-0197	EA	10" Fiber Reinforced Plastic Damper	472.20	105.12
23 31 16 16-0198	EA	12" Fiber Reinforced Plastic Damper	541.84	130.74
23 31 16 16-0199	EA	14" Fiber Reinforced Plastic Damper	599.68	138.40
23 31 16 16-0200	EA	16" Fiber Reinforced Plastic Damper	664.53	150.30
23 31 16 16-0201	EA	18" Fiber Reinforced Plastic Damper	727.64	161.17
23 31 16 16-0202	EA	20" Fiber Reinforced Plastic Damper	778.03	175.19
23 31 16 16-0203	EA	24" Fiber Reinforced Plastic Damper	879.23	192.71
23 31 16 16-0204	EA	30" Fiber Reinforced Plastic Damper	1,016.40	210.23
23 31 16 16-0205	EA	36" Fiber Reinforced Plastic Damper	1,168.23	236.51
23 31 16 16-0206	EA	42" Fiber Reinforced Plastic Damper	1,338.04	262.86
23 31 16 16-0207	EA	48" Fiber Reinforced Plastic Damper	1,489.89	289.14
23 31 16 16-0208	EA	54" Fiber Reinforced Plastic Damper	1,753.96	350.38
23 31 16 16-0209	EA	60" Fiber Reinforced Plastic Damper	2,061.95	437.97
23 31 16 16-0210	EA	66" Fiber Reinforced Plastic Damper	2,351.67	525.42
23 31 16 16-0211	EA	72" Fiber Reinforced Plastic Damper	2,702.33	595.43

23 33 Air Duct Accessories *(23 30)*

23 33 13 Dampers *(23 33)*

23 33 13 13 Volume-Control Dampers *(23 33 13)*

23 33 13 13-0001 Radial Opposed Blade Damper Steel Construction *(23 33 13 13)*

23 33 13 13-0002	EA	6" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	39.67	6.64
		For Stainless Steel, Add	*18.08*	
		For Parallel Blade Damper, Add	*5.56*	
23 33 13 13-0003	EA	7" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	44.00	7.47
		For Stainless Steel, Add	*18.36*	
		For Parallel Blade Damper, Add	*5.65*	
23 33 13 13-0004	EA	8" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	49.00	8.30
		For Stainless Steel, Add	*18.54*	
		For Parallel Blade Damper, Add	*5.70*	
23 33 13 13-0005	EA	10" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	53.46	9.96
		For Stainless Steel, Add	*19.71*	
		For Parallel Blade Damper, Add	*6.06*	
23 33 13 13-0006	EA	12" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	58.73	10.79
		For Stainless Steel, Add	*20.87*	
		For Parallel Blade Damper, Add	*6.42*	
23 33 13 13-0007	EA	14" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	67.20	11.62
		For Stainless Steel, Add	*26.66*	
		For Parallel Blade Damper, Add	*8.20*	
23 33 13 13-0008	EA	15" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	73.81	12.45
		For Stainless Steel, Add	*28.98*	
		For Parallel Blade Damper, Add	*8.92*	
23 33 13 13-0009	EA	16" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	78.51	14.11
		For Stainless Steel, Add	*30.13*	
		For Parallel Blade Damper, Add	*9.27*	
23 33 13 13-0010	EA	18" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	85.61	14.94
		For Stainless Steel, Add	*33.61*	
		For Parallel Blade Damper, Add	*10.34*	
23 33 13 13-0011	EA	20" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	97.06	16.60
		For Stainless Steel, Add	*41.73*	
		For Parallel Blade Damper, Add	*12.84*	
23 33 13 13-0012	EA	24" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	104.46	16.60
		For Stainless Steel, Add	*47.52*	
		For Parallel Blade Damper, Add	*14.62*	
23 33 13 13-0013	EA	30" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	117.49	19.09
		For Stainless Steel, Add	*55.63*	
		For Parallel Blade Damper, Add	*17.12*	
23 33 13 13-0014	EA	36" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	125.26	19.92
		For Stainless Steel, Add	*60.62*	
		For Parallel Blade Damper, Add	*18.65*	

23 33 13 13-0015 Rectangular Opposed Blade Damper *(23 33 13 13)*

23 33 13 13-0016	EA	6" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	45.68	9.21
		For Stainless Steel, Add	*23.45*	
		For Parallel Blade Damper, Add	*7.22*	
23 33 13 13-0017	EA	8" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	48.21	9.63
		For Stainless Steel, Add	*25.12*	
		For Parallel Blade Damper, Add	*7.73*	
23 33 13 13-0018	EA	8" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	49.67	9.71
		For Stainless Steel, Add	*26.79*	
		For Parallel Blade Damper, Add	*8.24*	
23 33 13 13-0019	EA	10" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	49.67	9.71
		For Stainless Steel, Add	*26.79*	
		For Parallel Blade Damper, Add	*8.24*	
23 33 13 13-0020	EA	10" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	51.79	9.97
		For Stainless Steel, Add	*28.47*	
		For Parallel Blade Damper, Add	*8.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0021	EA	10" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	57.68	11.04
		For Stainless Steel, Add	*31.81*	
		For Parallel Blade Damper, Add	*9.79*	
23 33 13 13-0022	EA	12" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	51.79	9.97
		For Stainless Steel, Add	*28.47*	
		For Parallel Blade Damper, Add	*8.76*	
23 33 13 13-0023	EA	12" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	56.02	10.54
		For Stainless Steel, Add	*31.81*	
		For Parallel Blade Damper, Add	*9.79*	
23 33 13 13-0024	EA	12" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	58.98	11.04
		For Stainless Steel, Add	*33.50*	
		For Parallel Blade Damper, Add	*10.31*	
23 33 13 13-0025	EA	12" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	64.42	12.45
		For Stainless Steel, Add	*35.18*	
		For Parallel Blade Damper, Add	*10.82*	
23 33 13 13-0026	EA	14" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	55.38	10.54
		For Stainless Steel, Add	*30.98*	
		For Parallel Blade Damper, Add	*9.53*	
23 33 13 13-0027	EA	14" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	58.98	11.04
		For Stainless Steel, Add	*33.50*	
		For Parallel Blade Damper, Add	*10.31*	
23 33 13 13-0028	EA	14" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	61.93	11.63
		For Stainless Steel, Add	*35.18*	
		For Parallel Blade Damper, Add	*10.82*	
23 33 13 13-0029	EA	14" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	65.71	12.45
		For Stainless Steel, Add	*36.86*	
		For Parallel Blade Damper, Add	*11.34*	
23 33 13 13-0030	EA	14" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	73.07	13.86
		For Stainless Steel, Add	*41.03*	
		For Parallel Blade Damper, Add	*12.62*	
23 33 13 13-0031	EA	16" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	58.98	11.04
		For Stainless Steel, Add	*33.50*	
		For Parallel Blade Damper, Add	*10.31*	
23 33 13 13-0032	EA	16" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	62.76	11.87
		For Stainless Steel, Add	*35.18*	
		For Parallel Blade Damper, Add	*10.82*	
23 33 13 13-0033	EA	16" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	67.37	13.04
		For Stainless Steel, Add	*36.86*	
		For Parallel Blade Damper, Add	*11.34*	
23 33 13 13-0034	EA	16" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	71.14	13.86
		For Stainless Steel, Add	*38.52*	
		For Parallel Blade Damper, Add	*11.85*	
23 33 13 13-0035	EA	16" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	78.52	15.19
		For Stainless Steel, Add	*42.72*	
		For Parallel Blade Damper, Add	*13.14*	
23 33 13 13-0036	EA	16" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	85.89	16.60
		For Stainless Steel, Add	*46.90*	
		For Parallel Blade Damper, Add	*14.43*	
23 33 13 13-0037	EA	18" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	61.93	11.63
		For Stainless Steel, Add	*35.18*	
		For Parallel Blade Damper, Add	*10.82*	
23 33 13 13-0038	EA	18" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	66.34	12.45
		For Stainless Steel, Add	*37.67*	
		For Parallel Blade Damper, Add	*11.59*	
23 33 13 13-0039	EA	18" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	72.44	13.86
		For Stainless Steel, Add	*40.21*	
		For Parallel Blade Damper, Add	*12.37*	
23 33 13 13-0040	EA	18" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	79.81	15.19
		For Stainless Steel, Add	*44.40*	
		For Parallel Blade Damper, Add	*13.66*	
23 33 13 13-0041	EA	18" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	86.53	16.60
		For Stainless Steel, Add	*47.74*	
		For Parallel Blade Damper, Add	*14.69*	
23 33 13 13-0042	EA	18" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	93.91	17.93
		For Stainless Steel, Add	*51.92*	
		For Parallel Blade Damper, Add	*15.98*	
23 33 13 13-0043	EA	18" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	99.98	19.35
		For Stainless Steel, Add	*54.43*	
		For Parallel Blade Damper, Add	*16.75*	
23 33 13 13-0044	EA	20" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	65.71	12.45
		For Stainless Steel, Add	*36.86*	
		For Parallel Blade Damper, Add	*11.34*	
23 33 13 13-0045	EA	20" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	72.43	13.86
		For Stainless Steel, Add	*40.20*	
		For Parallel Blade Damper, Add	*12.37*	
23 33 13 13-0046	EA	20" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	79.16	15.19
		For Stainless Steel, Add	*43.55*	
		For Parallel Blade Damper, Add	*13.40*	
23 33 13 13-0047	EA	20" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	88.47	16.60
		For Stainless Steel, Add	*50.26*	
		For Parallel Blade Damper, Add	*15.46*	
23 33 13 13-0048	EA	20" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	94.56	17.93
		For Stainless Steel, Add	*52.77*	
		For Parallel Blade Damper, Add	*16.24*	
23 33 13 13-0049	EA	20" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	100.64	19.35
		For Stainless Steel, Add	*55.29*	
		For Parallel Blade Damper, Add	*17.01*	
23 33 13 13-0050	EA	20" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	107.36	20.76
		For Stainless Steel, Add	*58.63*	
		For Parallel Blade Damper, Add	*18.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0051	EA	20" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	114.09	22.09
		For Stainless Steel, Add	*61.97*	
		For Parallel Blade Damper, Add	*19.07*	
23 33 13 13-0052	EA	24" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	73.72	13.86
		For Stainless Steel, Add	*41.87*	
		For Parallel Blade Damper, Add	*12.88*	
23 33 13 13-0053	EA	24" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	81.74	15.19
		For Stainless Steel, Add	*46.90*	
		For Parallel Blade Damper, Add	*14.43*	
23 33 13 13-0054	EA	24" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	88.47	16.60
		For Stainless Steel, Add	*50.26*	
		For Parallel Blade Damper, Add	*15.46*	
23 33 13 13-0055	EA	24" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	96.50	17.93
		For Stainless Steel, Add	*55.29*	
		For Parallel Blade Damper, Add	*17.01*	
23 33 13 13-0056	EA	24" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	102.56	19.35
		For Stainless Steel, Add	*57.79*	
		For Parallel Blade Damper, Add	*17.78*	
23 33 13 13-0057	EA	24" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	108.65	20.76
		For Stainless Steel, Add	*60.31*	
		For Parallel Blade Damper, Add	*18.56*	
23 33 13 13-0058	EA	24" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	116.67	22.09
		For Stainless Steel, Add	*65.33*	
		For Parallel Blade Damper, Add	*20.10*	
23 33 13 13-0059	EA	24" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	128.82	24.90
		For Stainless Steel, Add	*70.34*	
		For Parallel Blade Damper, Add	*21.64*	
23 33 13 13-0060	EA	24" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	142.30	27.64
		For Stainless Steel, Add	*77.06*	
		For Parallel Blade Damper, Add	*23.71*	
23 33 13 13-0061	EA	28" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	81.74	15.19
		For Stainless Steel, Add	*46.90*	
		For Parallel Blade Damper, Add	*14.43*	
23 33 13 13-0062	EA	28" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	88.47	16.60
		For Stainless Steel, Add	*50.26*	
		For Parallel Blade Damper, Add	*15.46*	
23 33 13 13-0063	EA	28" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	96.50	17.93
		For Stainless Steel, Add	*55.29*	
		For Parallel Blade Damper, Add	*17.01*	
23 33 13 13-0064	EA	28" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	103.21	19.35
		For Stainless Steel, Add	*58.63*	
		For Parallel Blade Damper, Add	*18.04*	
23 33 13 13-0065	EA	28" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	110.57	20.76
		For Stainless Steel, Add	*62.80*	
		For Parallel Blade Damper, Add	*19.32*	
23 33 13 13-0066	EA	28" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	117.95	22.09
		For Stainless Steel, Add	*66.99*	
		For Parallel Blade Damper, Add	*20.61*	
23 33 13 13-0067	EA	28" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	130.11	24.90
		For Stainless Steel, Add	*72.02*	
		For Parallel Blade Damper, Add	*22.16*	
23 33 13 13-0068	EA	28" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	142.30	27.64
		For Stainless Steel, Add	*77.06*	
		For Parallel Blade Damper, Add	*23.71*	
23 33 13 13-0069	EA	28" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	154.18	29.06
		For Stainless Steel, Add	*87.10*	
		For Parallel Blade Damper, Add	*26.80*	
23 33 13 13-0070	EA	28" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	168.91	31.80
		For Stainless Steel, Add	*95.47*	
		For Parallel Blade Damper, Add	*29.38*	
23 33 13 13-0071	EA	32" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	92.34	16.60
		For Stainless Steel, Add	*55.29*	
		For Parallel Blade Damper, Add	*17.01*	
23 33 13 13-0072	EA	32" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	97.78	17.93
		For Stainless Steel, Add	*56.95*	
		For Parallel Blade Damper, Add	*17.52*	
23 33 13 13-0073	EA	32" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	103.21	19.35
		For Stainless Steel, Add	*58.63*	
		For Parallel Blade Damper, Add	*18.04*	
23 33 13 13-0074	EA	32" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	109.93	20.76
		For Stainless Steel, Add	*61.97*	
		For Parallel Blade Damper, Add	*19.07*	
23 33 13 13-0075	EA	32" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	118.20	22.09
		For Stainless Steel, Add	*67.31*	
		For Parallel Blade Damper, Add	*20.71*	
23 33 13 13-0076	EA	32" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	130.11	24.90
		For Stainless Steel, Add	*72.02*	
		For Parallel Blade Damper, Add	*22.16*	
23 33 13 13-0077	EA	32" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	143.59	27.64
		For Stainless Steel, Add	*78.74*	
		For Parallel Blade Damper, Add	*24.23*	
23 33 13 13-0078	EA	32" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	157.04	30.38
		For Stainless Steel, Add	*85.44*	
		For Parallel Blade Damper, Add	*26.29*	
23 33 13 13-0079	EA	32" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	168.91	31.80
		For Stainless Steel, Add	*95.47*	
		For Parallel Blade Damper, Add	*29.38*	
23 33 13 13-0080	EA	32" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	184.58	34.03
		For Stainless Steel, Add	*107.21*	
		For Parallel Blade Damper, Add	*32.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0081	EA	32" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	200.70	35.95
		For Stainless Steel, Add	*120.61*	
		For Parallel Blade Damper, Add	*37.11*	
23 33 13 13-0082	EA	36" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	100.36	17.93
		For Stainless Steel, Add	*60.31*	
		For Parallel Blade Damper, Add	*18.56*	
23 33 13 13-0083	EA	36" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	107.07	19.35
		For Stainless Steel, Add	*63.65*	
		For Parallel Blade Damper, Add	*19.58*	
23 33 13 13-0084	EA	36" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	113.79	20.76
		For Stainless Steel, Add	*66.99*	
		For Parallel Blade Damper, Add	*20.61*	
23 33 13 13-0085	EA	36" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	121.82	22.09
		For Stainless Steel, Add	*72.02*	
		For Parallel Blade Damper, Add	*22.16*	
23 33 13 13-0086	EA	36" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	132.05	24.90
		For Stainless Steel, Add	*74.54*	
		For Parallel Blade Damper, Add	*22.94*	
23 33 13 13-0087	EA	36" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	138.15	26.23
		For Stainless Steel, Add	*77.06*	
		For Parallel Blade Damper, Add	*23.71*	
23 33 13 13-0088	EA	36" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	157.04	30.38
		For Stainless Steel, Add	*85.44*	
		For Parallel Blade Damper, Add	*26.29*	
23 33 13 13-0089	EA	36" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	171.78	33.21
		For Stainless Steel, Add	*93.80*	
		For Parallel Blade Damper, Add	*28.86*	
23 33 13 13-0090	EA	36" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	182.84	34.29
		For Stainless Steel, Add	*103.86*	
		For Parallel Blade Damper, Add	*31.96*	
23 33 13 13-0091	EA	36" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	200.61	36.78
		For Stainless Steel, Add	*117.25*	
		For Parallel Blade Damper, Add	*36.08*	
23 33 13 13-0092	EA	36" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	215.44	38.69
		For Stainless Steel, Add	*128.97*	
		For Parallel Blade Damper, Add	*39.68*	
23 33 13 13-0093	EA	36" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	229.90	40.09
		For Stainless Steel, Add	*142.38*	
		For Parallel Blade Damper, Add	*43.81*	
23 33 13 13-0094	EA	40" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	105.78	20.76
		For Stainless Steel, Add	*61.97*	
		For Parallel Blade Damper, Add	*19.07*	
23 33 13 13-0095	EA	40" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	115.08	22.09
		For Stainless Steel, Add	*68.67*	
		For Parallel Blade Damper, Add	*21.13*	
23 33 13 13-0096	EA	40" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	120.53	23.50
		For Stainless Steel, Add	*70.34*	
		For Parallel Blade Damper, Add	*21.64*	
23 33 13 13-0097	EA	40" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	125.97	24.90
		For Stainless Steel, Add	*72.02*	
		For Parallel Blade Damper, Add	*22.16*	
23 33 13 13-0098	EA	40" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	138.78	26.23
		For Stainless Steel, Add	*77.88*	
		For Parallel Blade Damper, Add	*23.96*	
23 33 13 13-0099	EA	40" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	147.45	27.64
		For Stainless Steel, Add	*83.76*	
		For Parallel Blade Damper, Add	*25.77*	
23 33 13 13-0100	EA	40" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	165.05	31.80
		For Stainless Steel, Add	*90.45*	
		For Parallel Blade Damper, Add	*27.83*	
23 33 13 13-0101	EA	40" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	178.52	34.54
		For Stainless Steel, Add	*97.16*	
		For Parallel Blade Damper, Add	*29.90*	
23 33 13 13-0102	EA	40" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	192.89	36.78
		For Stainless Steel, Add	*107.21*	
		For Parallel Blade Damper, Add	*32.99*	
23 33 13 13-0103	EA	40" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	212.87	38.69
		For Stainless Steel, Add	*125.63*	
		For Parallel Blade Damper, Add	*38.66*	
23 33 13 13-0104	EA	40" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	227.23	40.93
		For Stainless Steel, Add	*135.67*	
		For Parallel Blade Damper, Add	*41.74*	
23 33 13 13-0105	EA	40" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	244.73	42.01
		For Stainless Steel, Add	*154.10*	
		For Parallel Blade Damper, Add	*47.42*	
23 33 13 13-0106	EA	40" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	264.27	44.25
		For Stainless Steel, Add	*170.86*	
		For Parallel Blade Damper, Add	*52.57*	
23 33 13 13-0107	EA	44" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	112.51	20.76
		For Stainless Steel, Add	*65.33*	
		For Parallel Blade Damper, Add	*20.10*	
23 33 13 13-0108	EA	44" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	121.82	22.09
		For Stainless Steel, Add	*72.02*	
		For Parallel Blade Damper, Add	*22.16*	
23 33 13 13-0109	EA	44" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	129.85	23.50
		For Stainless Steel, Add	*77.06*	
		For Parallel Blade Damper, Add	*23.71*	
23 33 13 13-0110	EA	44" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	135.28	24.90
		For Stainless Steel, Add	*78.74*	
		For Parallel Blade Damper, Add	*24.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0111	EA	44" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	144.59	26.23
		For Stainless Steel, Add	*85.44*	
		For Parallel Blade Damper, Add	*26.29*	
23 33 13 13-0112	EA	44" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	153.89	27.64
		For Stainless Steel, Add	*92.13*	
		For Parallel Blade Damper, Add	*28.35*	
23 33 13 13-0113	EA	44" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	176.95	33.21
		For Stainless Steel, Add	*100.52*	
		For Parallel Blade Damper, Add	*30.93*	
23 33 13 13-0114	EA	44" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	191.67	35.95
		For Stainless Steel, Add	*108.88*	
		For Parallel Blade Damper, Add	*33.50*	
23 33 13 13-0115	EA	44" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	212.87	38.69
		For Stainless Steel, Add	*125.63*	
		For Parallel Blade Damper, Add	*38.66*	
23 33 13 13-0116	EA	44" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	232.77	41.51
		For Stainless Steel, Add	*140.71*	
		For Parallel Blade Damper, Add	*43.30*	
23 33 13 13-0117	EA	44" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	253.95	44.25
		For Stainless Steel, Add	*157.44*	
		For Parallel Blade Damper, Add	*48.44*	
23 33 13 13-0118	EA	44" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	269.69	45.58
		For Stainless Steel, Add	*172.52*	
		For Parallel Blade Damper, Add	*53.08*	
23 33 13 13-0119	EA	44" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	285.44	46.99
		For Stainless Steel, Add	*187.60*	
		For Parallel Blade Damper, Add	*57.72*	
23 33 13 13-0120	EA	44" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	301.20	48.40
		For Stainless Steel, Add	*202.68*	
		For Parallel Blade Damper, Add	*62.36*	
23 33 13 13-0121	EA	48" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	120.53	22.09
		For Stainless Steel, Add	*70.34*	
		For Parallel Blade Damper, Add	*21.64*	
23 33 13 13-0122	EA	48" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	129.85	23.50
		For Stainless Steel, Add	*77.06*	
		For Parallel Blade Damper, Add	*23.71*	
23 33 13 13-0123	EA	48" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	135.28	24.90
		For Stainless Steel, Add	*78.74*	
		For Parallel Blade Damper, Add	*24.23*	
23 33 13 13-0124	EA	48" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	147.45	27.64
		For Stainless Steel, Add	*83.76*	
		For Parallel Blade Damper, Add	*25.77*	
23 33 13 13-0125	EA	48" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	160.90	30.38
		For Stainless Steel, Add	*90.45*	
		For Parallel Blade Damper, Add	*27.83*	
23 33 13 13-0126	EA	48" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	174.37	33.21
		For Stainless Steel, Add	*97.16*	
		For Parallel Blade Damper, Add	*29.90*	
23 33 13 13-0127	EA	48" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	190.39	35.95
		For Stainless Steel, Add	*107.21*	
		For Parallel Blade Damper, Add	*32.99*	
23 33 13 13-0128	EA	48" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	206.42	38.69
		For Stainless Steel, Add	*117.25*	
		For Parallel Blade Damper, Add	*36.08*	
23 33 13 13-0129	EA	48" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	226.32	41.51
		For Stainless Steel, Add	*132.33*	
		For Parallel Blade Damper, Add	*40.72*	
23 33 13 13-0130	EA	48" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	248.80	44.25
		For Stainless Steel, Add	*150.75*	
		For Parallel Blade Damper, Add	*46.38*	
23 33 13 13-0131	EA	48" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	264.55	45.58
		For Stainless Steel, Add	*165.84*	
		For Parallel Blade Damper, Add	*51.03*	
23 33 13 13-0132	EA	48" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	284.15	46.99
		For Stainless Steel, Add	*185.93*	
		For Parallel Blade Damper, Add	*57.21*	
23 33 13 13-0133	EA	48" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	304.06	49.73
		For Stainless Steel, Add	*201.01*	
		For Parallel Blade Damper, Add	*61.85*	
23 33 13 13-0134	EA	48" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	323.66	51.14
		For Stainless Steel, Add	*221.10*	
		For Parallel Blade Damper, Add	*68.03*	
23 33 13 13-0135	EA	48" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	346.42	55.30
		For Stainless Steel, Add	*234.49*	
		For Parallel Blade Damper, Add	*72.15*	
23 33 13 13-0136	EA	52" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	128.56	23.50
		For Stainless Steel, Add	*75.39*	
		For Parallel Blade Damper, Add	*23.20*	
23 33 13 13-0137	EA	52" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	137.85	24.90
		For Stainless Steel, Add	*82.08*	
		For Parallel Blade Damper, Add	*25.26*	
23 33 13 13-0138	EA	52" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	151.31	27.64
		For Stainless Steel, Add	*88.78*	
		For Parallel Blade Damper, Add	*27.32*	
23 33 13 13-0139	EA	52" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	160.90	30.38
		For Stainless Steel, Add	*90.45*	
		For Parallel Blade Damper, Add	*27.83*	
23 33 13 13-0140	EA	52" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	175.01	33.21
		For Stainless Steel, Add	*97.99*	
		For Parallel Blade Damper, Add	*30.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0141	EA	52" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	189.10	35.95
		For Stainless Steel, Add	*105.53*	
		For Parallel Blade Damper, Add	*32.47*	
23 33 13 13-0142	EA	52" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	205.14	38.69
		For Stainless Steel, Add	*115.58*	
		For Parallel Blade Damper, Add	*35.56*	
23 33 13 13-0143	EA	52" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	221.17	41.51
		For Stainless Steel, Add	*125.63*	
		For Parallel Blade Damper, Add	*38.66*	
23 33 13 13-0144	EA	52" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	241.08	44.25
		For Stainless Steel, Add	*140.71*	
		For Parallel Blade Damper, Add	*43.30*	
23 33 13 13-0145	EA	52" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	264.82	46.99
		For Stainless Steel, Add	*160.80*	
		For Parallel Blade Damper, Add	*49.48*	
23 33 13 13-0146	EA	52" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	281.86	48.40
		For Stainless Steel, Add	*177.54*	
		For Parallel Blade Damper, Add	*54.63*	
23 33 13 13-0147	EA	52" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	302.77	49.73
		For Stainless Steel, Add	*199.33*	
		For Parallel Blade Damper, Add	*61.33*	
23 33 13 13-0148	EA	52" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	326.52	52.55
		For Stainless Steel, Add	*219.41*	
		For Parallel Blade Damper, Add	*67.51*	
23 33 13 13-0149	EA	52" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	346.42	55.30
		For Stainless Steel, Add	*234.49*	
		For Parallel Blade Damper, Add	*72.15*	
23 33 13 13-0150	EA	52" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	374.33	59.44
		For Stainless Steel, Add	*254.59*	
		For Parallel Blade Damper, Add	*78.34*	
23 33 13 13-0151	EA	52" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	395.52	62.18
		For Stainless Steel, Add	*271.35*	
		For Parallel Blade Damper, Add	*83.49*	
23 33 13 13-0152	EA	56" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	135.28	24.90
		For Stainless Steel, Add	*78.74*	
		For Parallel Blade Damper, Add	*24.23*	
23 33 13 13-0153	EA	56" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	150.02	27.64
		For Stainless Steel, Add	*87.10*	
		For Parallel Blade Damper, Add	*26.80*	
23 33 13 13-0154	EA	56" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	162.19	30.38
		For Stainless Steel, Add	*92.13*	
		For Parallel Blade Damper, Add	*28.35*	
23 33 13 13-0155	EA	56" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	171.78	33.21
		For Stainless Steel, Add	*93.80*	
		For Parallel Blade Damper, Add	*28.86*	
23 33 13 13-0156	EA	56" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	187.16	35.95
		For Stainless Steel, Add	*103.01*	
		For Parallel Blade Damper, Add	*31.70*	
23 33 13 13-0157	EA	56" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	202.56	38.69
		For Stainless Steel, Add	*112.23*	
		For Parallel Blade Damper, Add	*34.53*	
23 33 13 13-0158	EA	56" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	217.94	41.51
		For Stainless Steel, Add	*121.43*	
		For Parallel Blade Damper, Add	*37.36*	
23 33 13 13-0159	EA	56" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	233.34	44.25
		For Stainless Steel, Add	*130.65*	
		For Parallel Blade Damper, Add	*40.20*	
23 33 13 13-0160	EA	56" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	257.09	46.99
		For Stainless Steel, Add	*150.75*	
		For Parallel Blade Damper, Add	*46.38*	
23 33 13 13-0161	EA	56" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	276.72	48.40
		For Stainless Steel, Add	*170.86*	
		For Parallel Blade Damper, Add	*52.57*	
23 33 13 13-0162	EA	56" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	295.04	49.73
		For Stainless Steel, Add	*189.28*	
		For Parallel Blade Damper, Add	*58.24*	
23 33 13 13-0163	EA	56" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	321.38	52.55
		For Stainless Steel, Add	*212.73*	
		For Parallel Blade Damper, Add	*65.46*	
23 33 13 13-0164	EA	56" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	345.14	55.30
		For Stainless Steel, Add	*232.83*	
		For Parallel Blade Damper, Add	*71.64*	
23 33 13 13-0165	EA	56" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	370.18	58.03
		For Stainless Steel, Add	*254.59*	
		For Parallel Blade Damper, Add	*78.34*	
23 33 13 13-0166	EA	56" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	391.38	60.85
		For Stainless Steel, Add	*271.35*	
		For Parallel Blade Damper, Add	*83.49*	
23 33 13 13-0167	EA	56" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	416.43	63.59
		For Stainless Steel, Add	*293.12*	
		For Parallel Blade Damper, Add	*90.19*	
23 33 13 13-0168	EA	56" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	441.48	66.34
		For Stainless Steel, Add	*314.90*	
		For Parallel Blade Damper, Add	*96.89*	
23 33 13 13-0169	EA	60" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	147.45	27.64
		For Stainless Steel, Add	*83.76*	
		For Parallel Blade Damper, Add	*25.77*	
23 33 13 13-0170	EA	60" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	162.19	30.38
		For Stainless Steel, Add	*92.13*	
		For Parallel Blade Damper, Add	*28.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0171	EA	60" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	173.07	33.21
		For Stainless Steel, Add	*95.47*	
		For Parallel Blade Damper, Add	*29.38*	
23 33 13 13-0172	EA	60" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	182.66	35.95
		For Stainless Steel, Add	*97.16*	
		For Parallel Blade Damper, Add	*29.90*	
23 33 13 13-0173	EA	60" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	198.70	38.69
		For Stainless Steel, Add	*107.21*	
		For Parallel Blade Damper, Add	*32.99*	
23 33 13 13-0174	EA	60" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	214.72	41.51
		For Stainless Steel, Add	*117.25*	
		For Parallel Blade Damper, Add	*36.08*	
23 33 13 13-0175	EA	60" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	231.40	44.25
		For Stainless Steel, Add	*128.13*	
		For Parallel Blade Damper, Add	*39.42*	
23 33 13 13-0176	EA	60" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	248.07	46.99
		For Stainless Steel, Add	*139.02*	
		For Parallel Blade Damper, Add	*42.78*	
23 33 13 13-0177	EA	60" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	268.98	48.40
		For Stainless Steel, Add	*160.80*	
		For Parallel Blade Damper, Add	*49.48*	
23 33 13 13-0178	EA	60" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	288.59	49.73
		For Stainless Steel, Add	*180.90*	
		For Parallel Blade Damper, Add	*55.66*	
23 33 13 13-0179	EA	60" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	313.65	52.55
		For Stainless Steel, Add	*202.68*	
		For Parallel Blade Damper, Add	*62.36*	
23 33 13 13-0180	EA	60" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	338.70	55.30
		For Stainless Steel, Add	*224.46*	
		For Parallel Blade Damper, Add	*69.06*	
23 33 13 13-0181	EA	60" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	359.88	58.03
		For Stainless Steel, Add	*241.20*	
		For Parallel Blade Damper, Add	*74.22*	
23 33 13 13-0182	EA	60" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	388.80	60.85
		For Stainless Steel, Add	*268.00*	
		For Parallel Blade Damper, Add	*82.46*	
23 33 13 13-0183	EA	60" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	415.13	63.59
		For Stainless Steel, Add	*291.43*	
		For Parallel Blade Damper, Add	*89.67*	
23 33 13 13-0184	EA	60" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	441.48	66.34
		For Stainless Steel, Add	*314.90*	
		For Parallel Blade Damper, Add	*96.89*	
23 33 13 13-0185	EA	60" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	465.23	69.16
		For Stainless Steel, Add	*334.98*	
		For Parallel Blade Damper, Add	*103.07*	
23 33 13 13-0186	EA	60" x 60" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	489.01	71.89
		For Stainless Steel, Add	*355.10*	
		For Parallel Blade Damper, Add	*109.26*	

23 33 13 16 Fire Dampers *(23 33 13)*

23 33 13 16-0001 Fire Dampers *(23 33 13 16)*

23 33 13 16-0002	SF	Fire Damper, Vertical Curtain Type	48.36	8.97
		For Smoke Damper, Add	*18.17*	
		For Horizontal, Add	*3.21*	
		For Dynamic Damper, Add	*4.81*	
		For 3 Hour Rated, Add	*4.28*	
23 33 13 16-0003	SF	Fire Damper, Vertical Louver Type	60.03	8.97
		For Smoke Damper, Add	*28.09*	
		For Horizontal, Add	*4.96*	
		For Dynamic Damper, Add	*7.44*	
		For 3 Hour Rated, Add	*6.61*	

23 33 13 16-0004 Folding Curtain Fire Dampers *(23 33 13 16)*

Note: UL Listed. Air stream galvanized steel construction with fusible link 160 F spring actuated for horizontal mount gravity actuated for vertical mount 1-1/2 hour fire rating. Damper blades and damper frame are in the air stream.

23 33 13 16-0005	EA	6" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	44.04	9.21
		For Horizontal, Add	*2.46*	
		For Dynamic Damper, Add	*3.69*	
		For 3 Hour Rated, Add	*3.28*	
		For Damper Blades Outside Air Stream, Add	*4.92*	
23 33 13 16-0006	EA	8" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	46.45	9.63
		For Horizontal, Add	*2.63*	
		For Dynamic Damper, Add	*3.95*	
		For 3 Hour Rated, Add	*3.51*	
		For Damper Blades Outside Air Stream, Add	*5.27*	
23 33 13 16-0007	EA	8" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	47.80	9.71
		For Horizontal, Add	*2.81*	
		For Dynamic Damper, Add	*4.22*	
		For 3 Hour Rated, Add	*3.75*	
		For Damper Blades Outside Air Stream, Add	*5.62*	
23 33 13 16-0008	EA	10" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	47.80	9.71
		For Horizontal, Add	*2.81*	
		For Dynamic Damper, Add	*4.22*	
		For 3 Hour Rated, Add	*3.75*	
		For Damper Blades Outside Air Stream, Add	*5.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0009	EA	10" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	49.80	9.97
		For Horizontal, Add	*2.99*	
		For Dynamic Damper, Add	*4.48*	
		For 3 Hour Rated, Add	*3.98*	
		For Damper Blades Outside Air Stream, Add	*5.97*	
23 33 13 16-0010	EA	10" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	55.46	11.04
		For Horizontal, Add	*3.34*	
		For Dynamic Damper, Add	*5.01*	
		For 3 Hour Rated, Add	*4.45*	
		For Damper Blades Outside Air Stream, Add	*6.68*	
23 33 13 16-0011	EA	12" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	49.80	9.97
		For Horizontal, Add	*2.99*	
		For Dynamic Damper, Add	*4.48*	
		For 3 Hour Rated, Add	*3.98*	
		For Damper Blades Outside Air Stream, Add	*5.97*	
23 33 13 16-0012	EA	12" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	53.80	10.54
		For Horizontal, Add	*3.34*	
		For Dynamic Damper, Add	*5.01*	
		For 3 Hour Rated, Add	*4.45*	
		For Damper Blades Outside Air Stream, Add	*6.68*	
23 33 13 16-0013	EA	12" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	56.63	11.04
		For Horizontal, Add	*3.51*	
		For Dynamic Damper, Add	*5.27*	
		For 3 Hour Rated, Add	*4.68*	
		For Damper Blades Outside Air Stream, Add	*7.03*	
23 33 13 16-0014	EA	12" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	61.96	12.45
		For Horizontal, Add	*3.69*	
		For Dynamic Damper, Add	*5.54*	
		For 3 Hour Rated, Add	*4.92*	
		For Damper Blades Outside Air Stream, Add	*7.38*	
23 33 13 16-0015	EA	14" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	53.22	10.54
		For Horizontal, Add	*3.25*	
		For Dynamic Damper, Add	*4.88*	
		For 3 Hour Rated, Add	*4.33*	
		For Damper Blades Outside Air Stream, Add	*6.50*	
23 33 13 16-0016	EA	14" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	56.63	11.04
		For Horizontal, Add	*3.51*	
		For Dynamic Damper, Add	*5.27*	
		For 3 Hour Rated, Add	*4.68*	
		For Damper Blades Outside Air Stream, Add	*7.03*	
23 33 13 16-0017	EA	14" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	59.47	11.63
		For Horizontal, Add	*3.69*	
		For Dynamic Damper, Add	*5.54*	
		For 3 Hour Rated, Add	*4.92*	
		For Damper Blades Outside Air Stream, Add	*7.38*	
23 33 13 16-0018	EA	14" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	63.13	12.45
		For Horizontal, Add	*3.87*	
		For Dynamic Damper, Add	*5.80*	
		For 3 Hour Rated, Add	*5.15*	
		For Damper Blades Outside Air Stream, Add	*7.73*	
23 33 13 16-0019	EA	14" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	70.21	13.86
		For Horizontal, Add	*4.31*	
		For Dynamic Damper, Add	*6.46*	
		For 3 Hour Rated, Add	*5.74*	
		For Damper Blades Outside Air Stream, Add	*8.61*	
23 33 13 16-0020	EA	16" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	56.63	11.04
		For Horizontal, Add	*3.51*	
		For Dynamic Damper, Add	*5.27*	
		For 3 Hour Rated, Add	*4.68*	
		For Damper Blades Outside Air Stream, Add	*7.03*	
23 33 13 16-0021	EA	16" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	60.30	11.87
		For Horizontal, Add	*3.69*	
		For Dynamic Damper, Add	*5.54*	
		For 3 Hour Rated, Add	*4.92*	
		For Damper Blades Outside Air Stream, Add	*7.38*	
23 33 13 16-0022	EA	16" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	64.79	13.04
		For Horizontal, Add	*3.87*	
		For Dynamic Damper, Add	*5.80*	
		For 3 Hour Rated, Add	*5.15*	
		For Damper Blades Outside Air Stream, Add	*7.73*	
23 33 13 16-0023	EA	16" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	68.44	13.86
		For Horizontal, Add	*4.04*	
		For Dynamic Damper, Add	*6.06*	
		For 3 Hour Rated, Add	*5.39*	
		For Damper Blades Outside Air Stream, Add	*8.08*	
23 33 13 16-0024	EA	16" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	75.53	15.19
		For Horizontal, Add	*4.48*	
		For Dynamic Damper, Add	*6.72*	
		For 3 Hour Rated, Add	*5.97*	
		For Damper Blades Outside Air Stream, Add	*8.96*	
23 33 13 16-0025	EA	16" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	82.61	16.60
		For Horizontal, Add	*4.92*	
		For Dynamic Damper, Add	*7.38*	
		For 3 Hour Rated, Add	*6.56*	
		For Damper Blades Outside Air Stream, Add	*9.84*	
23 33 13 16-0026	EA	18" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	59.47	11.63
		For Horizontal, Add	*3.69*	
		For Dynamic Damper, Add	*5.54*	
		For 3 Hour Rated, Add	*4.92*	
		For Damper Blades Outside Air Stream, Add	*7.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0027	EA	18" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	63.71	12.45
		For Horizontal, Add	*3.95*	
		For Dynamic Damper, Add	*5.93*	
		For 3 Hour Rated, Add	*5.27*	
		For Damper Blades Outside Air Stream, Add	*7.91*	
23 33 13 16-0028	EA	18" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	69.63	13.86
		For Horizontal, Add	*4.22*	
		For Dynamic Damper, Add	*6.33*	
		For 3 Hour Rated, Add	*5.62*	
		For Damper Blades Outside Air Stream, Add	*8.44*	
23 33 13 16-0029	EA	18" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	76.70	15.19
		For Horizontal, Add	*4.66*	
		For Dynamic Damper, Add	*6.98*	
		For 3 Hour Rated, Add	*6.21*	
		For Damper Blades Outside Air Stream, Add	*9.31*	
23 33 13 16-0030	EA	18" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	83.19	16.60
		For Horizontal, Add	*5.01*	
		For Dynamic Damper, Add	*7.51*	
		For 3 Hour Rated, Add	*6.68*	
		For Damper Blades Outside Air Stream, Add	*10.01*	
23 33 13 16-0031	EA	18" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	90.28	17.93
		For Horizontal, Add	*5.45*	
		For Dynamic Damper, Add	*8.17*	
		For 3 Hour Rated, Add	*7.26*	
		For Damper Blades Outside Air Stream, Add	*10.89*	
23 33 13 16-0032	EA	18" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	96.18	19.35
		For Horizontal, Add	*5.71*	
		For Dynamic Damper, Add	*8.57*	
		For 3 Hour Rated, Add	*7.61*	
		For Damper Blades Outside Air Stream, Add	*11.42*	
23 33 13 16-0033	EA	20" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	63.13	12.45
		For Horizontal, Add	*3.87*	
		For Dynamic Damper, Add	*5.80*	
		For 3 Hour Rated, Add	*5.15*	
		For Damper Blades Outside Air Stream, Add	*7.73*	
23 33 13 16-0034	EA	20" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	69.62	13.86
		For Horizontal, Add	*4.22*	
		For Dynamic Damper, Add	*6.32*	
		For 3 Hour Rated, Add	*5.62*	
		For Damper Blades Outside Air Stream, Add	*8.43*	
23 33 13 16-0035	EA	20" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	76.11	15.19
		For Horizontal, Add	*4.57*	
		For Dynamic Damper, Add	*6.85*	
		For 3 Hour Rated, Add	*6.09*	
		For Damper Blades Outside Air Stream, Add	*9.14*	
23 33 13 16-0036	EA	20" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	84.96	16.60
		For Horizontal, Add	*5.27*	
		For Dynamic Damper, Add	*7.91*	
		For 3 Hour Rated, Add	*7.03*	
		For Damper Blades Outside Air Stream, Add	*10.55*	
23 33 13 16-0037	EA	20" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	90.87	17.93
		For Horizontal, Add	*5.54*	
		For Dynamic Damper, Add	*8.30*	
		For 3 Hour Rated, Add	*7.38*	
		For Damper Blades Outside Air Stream, Add	*11.07*	
23 33 13 16-0038	EA	20" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	96.77	19.35
		For Horizontal, Add	*5.80*	
		For Dynamic Damper, Add	*8.70*	
		For 3 Hour Rated, Add	*7.73*	
		For Damper Blades Outside Air Stream, Add	*11.60*	
23 33 13 16-0039	EA	20" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	103.26	20.76
		For Horizontal, Add	*6.15*	
		For Dynamic Damper, Add	*9.23*	
		For 3 Hour Rated, Add	*8.20*	
		For Damper Blades Outside Air Stream, Add	*12.30*	
23 33 13 16-0040	EA	20" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	109.75	22.09
		For Horizontal, Add	*6.50*	
		For Dynamic Damper, Add	*9.75*	
		For 3 Hour Rated, Add	*8.67*	
		For Damper Blades Outside Air Stream, Add	*13.00*	
23 33 13 16-0041	EA	24" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	70.79	13.86
		For Horizontal, Add	*4.39*	
		For Dynamic Damper, Add	*6.59*	
		For 3 Hour Rated, Add	*5.86*	
		For Damper Blades Outside Air Stream, Add	*8.78*	
23 33 13 16-0042	EA	24" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	78.46	15.19
		For Horizontal, Add	*4.92*	
		For Dynamic Damper, Add	*7.38*	
		For 3 Hour Rated, Add	*6.56*	
		For Damper Blades Outside Air Stream, Add	*9.84*	
23 33 13 16-0043	EA	24" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	84.96	16.60
		For Horizontal, Add	*5.27*	
		For Dynamic Damper, Add	*7.91*	
		For 3 Hour Rated, Add	*7.03*	
		For Damper Blades Outside Air Stream, Add	*10.55*	
23 33 13 16-0044	EA	24" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	92.63	17.93
		For Horizontal, Add	*5.80*	
		For Dynamic Damper, Add	*8.70*	
		For 3 Hour Rated, Add	*7.73*	
		For Damper Blades Outside Air Stream, Add	*11.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0045	EA	24" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	98.52	19.35
		For Horizontal, Add	*6.06*	
		For Dynamic Damper, Add	*9.09*	
		For 3 Hour Rated, Add	*8.08*	
		For Damper Blades Outside Air Stream, Add	*12.12*	
23 33 13 16-0046	EA	24" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	104.43	20.76
		For Horizontal, Add	*6.33*	
		For Dynamic Damper, Add	*9.49*	
		For 3 Hour Rated, Add	*8.43*	
		For Damper Blades Outside Air Stream, Add	*12.65*	
23 33 13 16-0047	EA	24" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	112.10	22.09
		For Horizontal, Add	*6.85*	
		For Dynamic Damper, Add	*10.28*	
		For 3 Hour Rated, Add	*9.14*	
		For Damper Blades Outside Air Stream, Add	*13.70*	
23 33 13 16-0048	EA	24" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	123.90	24.90
		For Horizontal, Add	*7.38*	
		For Dynamic Damper, Add	*11.07*	
		For 3 Hour Rated, Add	*9.84*	
		For Damper Blades Outside Air Stream, Add	*14.76*	
23 33 13 16-0049	EA	24" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	136.91	27.64
		For Horizontal, Add	*8.08*	
		For Dynamic Damper, Add	*12.13*	
		For 3 Hour Rated, Add	*10.78*	
		For Damper Blades Outside Air Stream, Add	*16.17*	
23 33 13 16-0050	EA	28" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	78.46	15.19
		For Horizontal, Add	*4.92*	
		For Dynamic Damper, Add	*7.38*	
		For 3 Hour Rated, Add	*6.56*	
		For Damper Blades Outside Air Stream, Add	*9.84*	
23 33 13 16-0051	EA	28" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	84.96	16.60
		For Horizontal, Add	*5.27*	
		For Dynamic Damper, Add	*7.91*	
		For 3 Hour Rated, Add	*7.03*	
		For Damper Blades Outside Air Stream, Add	*10.55*	
23 33 13 16-0052	EA	28" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	92.63	17.93
		For Horizontal, Add	*5.80*	
		For Dynamic Damper, Add	*8.70*	
		For 3 Hour Rated, Add	*7.73*	
		For Damper Blades Outside Air Stream, Add	*11.60*	
23 33 13 16-0053	EA	28" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	99.11	19.35
		For Horizontal, Add	*6.15*	
		For Dynamic Damper, Add	*9.23*	
		For 3 Hour Rated, Add	*8.20*	
		For Damper Blades Outside Air Stream, Add	*12.30*	
23 33 13 16-0054	EA	28" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	106.19	20.76
		For Horizontal, Add	*6.59*	
		For Dynamic Damper, Add	*9.88*	
		For 3 Hour Rated, Add	*8.79*	
		For Damper Blades Outside Air Stream, Add	*13.18*	
23 33 13 16-0055	EA	28" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	113.27	22.09
		For Horizontal, Add	*7.03*	
		For Dynamic Damper, Add	*10.54*	
		For 3 Hour Rated, Add	*9.37*	
		For Damper Blades Outside Air Stream, Add	*14.06*	
23 33 13 16-0056	EA	28" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	125.08	24.90
		For Horizontal, Add	*7.56*	
		For Dynamic Damper, Add	*11.33*	
		For 3 Hour Rated, Add	*10.07*	
		For Damper Blades Outside Air Stream, Add	*15.11*	
23 33 13 16-0057	EA	28" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	136.91	27.64
		For Horizontal, Add	*8.08*	
		For Dynamic Damper, Add	*12.13*	
		For 3 Hour Rated, Add	*10.78*	
		For Damper Blades Outside Air Stream, Add	*16.17*	
23 33 13 16-0058	EA	28" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.09	29.06
		For Horizontal, Add	*9.14*	
		For Dynamic Damper, Add	*13.70*	
		For 3 Hour Rated, Add	*12.18*	
		For Damper Blades Outside Air Stream, Add	*18.27*	
23 33 13 16-0059	EA	28" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	162.24	31.80
		For Horizontal, Add	*10.02*	
		For Dynamic Damper, Add	*15.02*	
		For 3 Hour Rated, Add	*13.35*	
		For Damper Blades Outside Air Stream, Add	*20.03*	
23 33 13 16-0060	EA	32" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	88.47	16.60
		For Horizontal, Add	*5.80*	
		For Dynamic Damper, Add	*8.70*	
		For 3 Hour Rated, Add	*7.73*	
		For Damper Blades Outside Air Stream, Add	*11.60*	
23 33 13 16-0061	EA	32" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	93.79	17.93
		For Horizontal, Add	*5.97*	
		For Dynamic Damper, Add	*8.96*	
		For 3 Hour Rated, Add	*7.96*	
		For Damper Blades Outside Air Stream, Add	*11.95*	
23 33 13 16-0062	EA	32" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	99.11	19.35
		For Horizontal, Add	*6.15*	
		For Dynamic Damper, Add	*9.23*	
		For 3 Hour Rated, Add	*8.20*	
		For Damper Blades Outside Air Stream, Add	*12.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0063	EA	32" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	105.59	20.76
		For Horizontal, Add	*6.50*	
		For Dynamic Damper, Add	*9.75*	
		For 3 Hour Rated, Add	*8.67*	
		For Damper Blades Outside Air Stream, Add	*13.00*	
23 33 13 16-0064	EA	32" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	113.49	22.09
		For Horizontal, Add	*7.06*	
		For Dynamic Damper, Add	*10.59*	
		For 3 Hour Rated, Add	*9.41*	
		For Damper Blades Outside Air Stream, Add	*14.12*	
23 33 13 16-0065	EA	32" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	125.08	24.90
		For Horizontal, Add	*7.56*	
		For Dynamic Damper, Add	*11.33*	
		For 3 Hour Rated, Add	*10.07*	
		For Damper Blades Outside Air Stream, Add	*15.11*	
23 33 13 16-0066	EA	32" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	138.08	27.64
		For Horizontal, Add	*8.26*	
		For Dynamic Damper, Add	*12.39*	
		For 3 Hour Rated, Add	*11.01*	
		For Damper Blades Outside Air Stream, Add	*16.52*	
23 33 13 16-0067	EA	32" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	151.06	30.38
		For Horizontal, Add	*8.96*	
		For Dynamic Damper, Add	*13.44*	
		For 3 Hour Rated, Add	*11.95*	
		For Damper Blades Outside Air Stream, Add	*17.92*	
23 33 13 16-0068	EA	32" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	162.24	31.80
		For Horizontal, Add	*10.02*	
		For Dynamic Damper, Add	*15.02*	
		For 3 Hour Rated, Add	*13.35*	
		For Damper Blades Outside Air Stream, Add	*20.03*	
23 33 13 16-0069	EA	32" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	177.08	34.03
		For Horizontal, Add	*11.25*	
		For Dynamic Damper, Add	*16.87*	
		For 3 Hour Rated, Add	*14.99*	
		For Damper Blades Outside Air Stream, Add	*22.49*	
23 33 13 16-0070	EA	32" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	192.26	35.95
		For Horizontal, Add	*12.65*	
		For Dynamic Damper, Add	*18.98*	
		For 3 Hour Rated, Add	*16.87*	
		For Damper Blades Outside Air Stream, Add	*25.30*	
23 33 13 16-0071	EA	36" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	96.14	17.93
		For Horizontal, Add	*6.33*	
		For Dynamic Damper, Add	*9.49*	
		For 3 Hour Rated, Add	*8.43*	
		For Damper Blades Outside Air Stream, Add	*12.65*	
23 33 13 16-0072	EA	36" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	102.62	19.35
		For Horizontal, Add	*6.68*	
		For Dynamic Damper, Add	*10.01*	
		For 3 Hour Rated, Add	*8.90*	
		For Damper Blades Outside Air Stream, Add	*13.35*	
23 33 13 16-0073	EA	36" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	109.11	20.76
		For Horizontal, Add	*7.03*	
		For Dynamic Damper, Add	*10.54*	
		For 3 Hour Rated, Add	*9.37*	
		For Damper Blades Outside Air Stream, Add	*14.06*	
23 33 13 16-0074	EA	36" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	116.79	22.09
		For Horizontal, Add	*7.56*	
		For Dynamic Damper, Add	*11.33*	
		For 3 Hour Rated, Add	*10.07*	
		For Damper Blades Outside Air Stream, Add	*15.11*	
23 33 13 16-0075	EA	36" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	126.84	24.90
		For Horizontal, Add	*7.82*	
		For Dynamic Damper, Add	*11.73*	
		For 3 Hour Rated, Add	*10.43*	
		For Damper Blades Outside Air Stream, Add	*15.64*	
23 33 13 16-0076	EA	36" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	132.76	26.23
		For Horizontal, Add	*8.08*	
		For Dynamic Damper, Add	*12.13*	
		For 3 Hour Rated, Add	*10.78*	
		For Damper Blades Outside Air Stream, Add	*16.17*	
23 33 13 16-0077	EA	36" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	151.06	30.38
		For Horizontal, Add	*8.96*	
		For Dynamic Damper, Add	*13.44*	
		For 3 Hour Rated, Add	*11.95*	
		For Damper Blades Outside Air Stream, Add	*17.92*	
23 33 13 16-0078	EA	36" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	165.22	33.21
		For Horizontal, Add	*9.84*	
		For Dynamic Damper, Add	*14.76*	
		For 3 Hour Rated, Add	*13.12*	
		For Damper Blades Outside Air Stream, Add	*19.68*	
23 33 13 16-0079	EA	36" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	144.45	34.29
		For Horizontal, Add	*6.23*	
		For Dynamic Damper, Add	*9.34*	
		For 3 Hour Rated, Add	*8.30*	
		For Damper Blades Outside Air Stream, Add	*12.45*	
23 33 13 16-0080	EA	36" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	192.41	36.78
		For Horizontal, Add	*12.30*	
		For Dynamic Damper, Add	*18.45*	
		For 3 Hour Rated, Add	*16.40*	
		For Damper Blades Outside Air Stream, Add	*24.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0081	EA	36" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	206.42	38.69
		For Horizontal, Add	*13.53*	
		For Dynamic Damper, Add	*20.29*	
		For 3 Hour Rated, Add	*18.04*	
		For Damper Blades Outside Air Stream, Add	*27.06*	
23 33 13 16-0082	EA	36" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	219.94	40.09
		For Horizontal, Add	*14.93*	
		For Dynamic Damper, Add	*22.40*	
		For 3 Hour Rated, Add	*19.91*	
		For Damper Blades Outside Air Stream, Add	*29.87*	
23 33 13 16-0083	EA	40" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	101.44	20.76
		For Horizontal, Add	*6.50*	
		For Dynamic Damper, Add	*9.75*	
		For 3 Hour Rated, Add	*8.67*	
		For Damper Blades Outside Air Stream, Add	*13.00*	
23 33 13 16-0084	EA	40" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	110.28	22.09
		For Horizontal, Add	*7.20*	
		For Dynamic Damper, Add	*10.80*	
		For 3 Hour Rated, Add	*9.60*	
		For Damper Blades Outside Air Stream, Add	*14.41*	
23 33 13 16-0085	EA	40" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	115.61	23.50
		For Horizontal, Add	*7.38*	
		For Dynamic Damper, Add	*11.07*	
		For 3 Hour Rated, Add	*9.84*	
		For Damper Blades Outside Air Stream, Add	*14.76*	
23 33 13 16-0086	EA	40" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	120.94	24.90
		For Horizontal, Add	*7.56*	
		For Dynamic Damper, Add	*11.33*	
		For 3 Hour Rated, Add	*10.07*	
		For Damper Blades Outside Air Stream, Add	*15.11*	
23 33 13 16-0087	EA	40" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.34	26.23
		For Horizontal, Add	*8.17*	
		For Dynamic Damper, Add	*12.26*	
		For 3 Hour Rated, Add	*10.89*	
		For Damper Blades Outside Air Stream, Add	*16.34*	
23 33 13 16-0088	EA	40" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	141.59	27.64
		For Horizontal, Add	*8.79*	
		For Dynamic Damper, Add	*13.18*	
		For 3 Hour Rated, Add	*11.71*	
		For Damper Blades Outside Air Stream, Add	*17.57*	
23 33 13 16-0089	EA	40" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	158.72	31.80
		For Horizontal, Add	*9.49*	
		For Dynamic Damper, Add	*14.23*	
		For 3 Hour Rated, Add	*12.65*	
		For Damper Blades Outside Air Stream, Add	*18.98*	
23 33 13 16-0090	EA	40" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	171.72	34.54
		For Horizontal, Add	*10.19*	
		For Dynamic Damper, Add	*15.29*	
		For 3 Hour Rated, Add	*13.59*	
		For Damper Blades Outside Air Stream, Add	*20.38*	
23 33 13 16-0091	EA	40" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	185.39	36.78
		For Horizontal, Add	*11.25*	
		For Dynamic Damper, Add	*16.87*	
		For 3 Hour Rated, Add	*14.99*	
		For Damper Blades Outside Air Stream, Add	*22.49*	
23 33 13 16-0092	EA	40" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	204.08	38.69
		For Horizontal, Add	*13.18*	
		For Dynamic Damper, Add	*19.77*	
		For 3 Hour Rated, Add	*17.57*	
		For Damper Blades Outside Air Stream, Add	*26.36*	
23 33 13 16-0093	EA	40" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	217.74	40.93
		For Horizontal, Add	*14.23*	
		For Dynamic Damper, Add	*21.35*	
		For 3 Hour Rated, Add	*18.97*	
		For Damper Blades Outside Air Stream, Add	*28.46*	
23 33 13 16-0094	EA	40" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	233.95	42.01
		For Horizontal, Add	*16.16*	
		For Dynamic Damper, Add	*24.25*	
		For 3 Hour Rated, Add	*21.55*	
		For Damper Blades Outside Air Stream, Add	*32.33*	
23 33 13 16-0095	EA	40" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	252.32	44.25
		For Horizontal, Add	*17.92*	
		For Dynamic Damper, Add	*26.88*	
		For 3 Hour Rated, Add	*23.90*	
		For Damper Blades Outside Air Stream, Add	*35.84*	
23 33 13 16-0096	EA	44" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	107.94	20.76
		For Horizontal, Add	*6.85*	
		For Dynamic Damper, Add	*10.28*	
		For 3 Hour Rated, Add	*9.14*	
		For Damper Blades Outside Air Stream, Add	*13.70*	
23 33 13 16-0097	EA	44" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	116.79	22.09
		For Horizontal, Add	*7.56*	
		For Dynamic Damper, Add	*11.33*	
		For 3 Hour Rated, Add	*10.07*	
		For Damper Blades Outside Air Stream, Add	*15.11*	
23 33 13 16-0098	EA	44" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	124.46	23.50
		For Horizontal, Add	*8.08*	
		For Dynamic Damper, Add	*12.13*	
		For 3 Hour Rated, Add	*10.78*	
		For Damper Blades Outside Air Stream, Add	*16.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0099	EA	44" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	129.77	24.90
		For Horizontal, Add	*8.26*	
		For Dynamic Damper, Add	*12.39*	
		For 3 Hour Rated, Add	*11.01*	
		For Damper Blades Outside Air Stream, Add	*16.52*	
23 33 13 16-0100	EA	44" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	138.61	26.23
		For Horizontal, Add	*8.96*	
		For Dynamic Damper, Add	*13.44*	
		For 3 Hour Rated, Add	*11.95*	
		For Damper Blades Outside Air Stream, Add	*17.92*	
23 33 13 16-0101	EA	44" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	147.45	27.64
		For Horizontal, Add	*9.66*	
		For Dynamic Damper, Add	*14.50*	
		For 3 Hour Rated, Add	*12.89*	
		For Damper Blades Outside Air Stream, Add	*19.33*	
23 33 13 16-0102	EA	44" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	169.92	33.21
		For Horizontal, Add	*10.54*	
		For Dynamic Damper, Add	*15.82*	
		For 3 Hour Rated, Add	*14.06*	
		For Damper Blades Outside Air Stream, Add	*21.09*	
23 33 13 16-0103	EA	44" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	184.05	35.95
		For Horizontal, Add	*11.42*	
		For Dynamic Damper, Add	*17.13*	
		For 3 Hour Rated, Add	*15.23*	
		For Damper Blades Outside Air Stream, Add	*22.84*	
23 33 13 16-0104	EA	44" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	204.08	38.69
		For Horizontal, Add	*13.18*	
		For Dynamic Damper, Add	*19.77*	
		For 3 Hour Rated, Add	*17.57*	
		For Damper Blades Outside Air Stream, Add	*26.36*	
23 33 13 16-0105	EA	44" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	222.92	41.51
		For Horizontal, Add	*14.76*	
		For Dynamic Damper, Add	*22.14*	
		For 3 Hour Rated, Add	*19.68*	
		For Damper Blades Outside Air Stream, Add	*29.52*	
23 33 13 16-0106	EA	44" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	242.94	44.25
		For Horizontal, Add	*16.52*	
		For Dynamic Damper, Add	*24.77*	
		For 3 Hour Rated, Add	*22.02*	
		For Damper Blades Outside Air Stream, Add	*33.03*	
23 33 13 16-0107	EA	44" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	257.62	45.58
		For Horizontal, Add	*18.10*	
		For Dynamic Damper, Add	*27.14*	
		For 3 Hour Rated, Add	*24.13*	
		For Damper Blades Outside Air Stream, Add	*36.19*	
23 33 13 16-0108	EA	44" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	272.31	46.99
		For Horizontal, Add	*19.68*	
		For Dynamic Damper, Add	*29.52*	
		For 3 Hour Rated, Add	*26.24*	
		For Damper Blades Outside Air Stream, Add	*39.35*	
23 33 13 16-0109	EA	44" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	287.03	48.40
		For Horizontal, Add	*21.26*	
		For Dynamic Damper, Add	*31.89*	
		For 3 Hour Rated, Add	*28.35*	
		For Damper Blades Outside Air Stream, Add	*42.52*	
23 33 13 16-0110	EA	48" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	115.61	22.09
		For Horizontal, Add	*7.38*	
		For Dynamic Damper, Add	*11.07*	
		For 3 Hour Rated, Add	*9.84*	
		For Damper Blades Outside Air Stream, Add	*14.76*	
23 33 13 16-0111	EA	48" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	124.46	23.50
		For Horizontal, Add	*8.08*	
		For Dynamic Damper, Add	*12.13*	
		For 3 Hour Rated, Add	*10.78*	
		For Damper Blades Outside Air Stream, Add	*16.17*	
23 33 13 16-0112	EA	48" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	129.77	24.90
		For Horizontal, Add	*8.26*	
		For Dynamic Damper, Add	*12.39*	
		For 3 Hour Rated, Add	*11.01*	
		For Damper Blades Outside Air Stream, Add	*16.52*	
23 33 13 16-0113	EA	48" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	141.59	27.64
		For Horizontal, Add	*8.79*	
		For Dynamic Damper, Add	*13.18*	
		For 3 Hour Rated, Add	*11.71*	
		For Damper Blades Outside Air Stream, Add	*17.57*	
23 33 13 16-0114	EA	48" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	154.57	30.38
		For Horizontal, Add	*9.49*	
		For Dynamic Damper, Add	*14.23*	
		For 3 Hour Rated, Add	*12.65*	
		For Damper Blades Outside Air Stream, Add	*18.98*	
23 33 13 16-0115	EA	48" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	167.57	33.21
		For Horizontal, Add	*10.19*	
		For Dynamic Damper, Add	*15.29*	
		For 3 Hour Rated, Add	*13.59*	
		For Damper Blades Outside Air Stream, Add	*20.38*	
23 33 13 16-0116	EA	48" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	182.89	35.95
		For Horizontal, Add	*11.25*	
		For Dynamic Damper, Add	*16.87*	
		For 3 Hour Rated, Add	*14.99*	
		For Damper Blades Outside Air Stream, Add	*22.49*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0117	EA	48" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.22	38.69
		For Horizontal, Add	*12.30*	
		For Dynamic Damper, Add	*18.45*	
		For 3 Hour Rated, Add	*16.40*	
		For Damper Blades Outside Air Stream, Add	*24.60*	
23 33 13 16-0118	EA	48" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	217.06	41.51
		For Horizontal, Add	*13.88*	
		For Dynamic Damper, Add	*20.82*	
		For 3 Hour Rated, Add	*18.51*	
		For Damper Blades Outside Air Stream, Add	*27.76*	
23 33 13 16-0119	EA	48" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.25	44.25
		For Horizontal, Add	*15.81*	
		For Dynamic Damper, Add	*23.72*	
		For 3 Hour Rated, Add	*21.08*	
		For Damper Blades Outside Air Stream, Add	*31.62*	
23 33 13 16-0120	EA	48" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	252.95	45.58
		For Horizontal, Add	*17.40*	
		For Dynamic Damper, Add	*26.09*	
		For 3 Hour Rated, Add	*23.19*	
		For Damper Blades Outside Air Stream, Add	*34.79*	
23 33 13 16-0121	EA	48" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	271.14	46.99
		For Horizontal, Add	*19.50*	
		For Dynamic Damper, Add	*29.25*	
		For 3 Hour Rated, Add	*26.00*	
		For Damper Blades Outside Air Stream, Add	*39.00*	
23 33 13 16-0122	EA	48" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	290.00	49.73
		For Horizontal, Add	*21.08*	
		For Dynamic Damper, Add	*31.63*	
		For 3 Hour Rated, Add	*28.11*	
		For Damper Blades Outside Air Stream, Add	*42.17*	
23 33 13 16-0123	EA	48" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	308.20	51.14
		For Horizontal, Add	*23.19*	
		For Dynamic Damper, Add	*34.79*	
		For 3 Hour Rated, Add	*30.92*	
		For Damper Blades Outside Air Stream, Add	*46.39*	
23 33 13 16-0124	EA	48" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	330.02	55.30
		For Horizontal, Add	*24.60*	
		For Dynamic Damper, Add	*36.90*	
		For 3 Hour Rated, Add	*32.80*	
		For Damper Blades Outside Air Stream, Add	*49.19*	
23 33 13 16-0125	EA	52" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	123.28	23.50
		For Horizontal, Add	*7.91*	
		For Dynamic Damper, Add	*11.86*	
		For 3 Hour Rated, Add	*10.54*	
		For Damper Blades Outside Air Stream, Add	*15.81*	
23 33 13 16-0126	EA	52" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	132.11	24.90
		For Horizontal, Add	*8.61*	
		For Dynamic Damper, Add	*12.92*	
		For 3 Hour Rated, Add	*11.48*	
		For Damper Blades Outside Air Stream, Add	*17.22*	
23 33 13 16-0127	EA	52" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	145.10	27.64
		For Horizontal, Add	*9.31*	
		For Dynamic Damper, Add	*13.97*	
		For 3 Hour Rated, Add	*12.42*	
		For Damper Blades Outside Air Stream, Add	*18.62*	
23 33 13 16-0128	EA	52" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	154.57	30.38
		For Horizontal, Add	*9.49*	
		For Dynamic Damper, Add	*14.23*	
		For 3 Hour Rated, Add	*12.65*	
		For Damper Blades Outside Air Stream, Add	*18.98*	
23 33 13 16-0129	EA	52" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	168.16	33.21
		For Horizontal, Add	*10.28*	
		For Dynamic Damper, Add	*15.42*	
		For 3 Hour Rated, Add	*13.71*	
		For Damper Blades Outside Air Stream, Add	*20.56*	
23 33 13 16-0130	EA	52" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	181.72	35.95
		For Horizontal, Add	*11.07*	
		For Dynamic Damper, Add	*16.61*	
		For 3 Hour Rated, Add	*14.76*	
		For Damper Blades Outside Air Stream, Add	*22.14*	
23 33 13 16-0131	EA	52" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	197.06	38.69
		For Horizontal, Add	*12.12*	
		For Dynamic Damper, Add	*18.19*	
		For 3 Hour Rated, Add	*16.17*	
		For Damper Blades Outside Air Stream, Add	*24.25*	
23 33 13 16-0132	EA	52" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	212.38	41.51
		For Horizontal, Add	*13.18*	
		For Dynamic Damper, Add	*19.77*	
		For 3 Hour Rated, Add	*17.57*	
		For Damper Blades Outside Air Stream, Add	*26.36*	
23 33 13 16-0133	EA	52" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	231.23	44.25
		For Horizontal, Add	*14.76*	
		For Dynamic Damper, Add	*22.14*	
		For 3 Hour Rated, Add	*19.68*	
		For Damper Blades Outside Air Stream, Add	*29.52*	
23 33 13 16-0134	EA	52" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	253.58	46.99
		For Horizontal, Add	*16.87*	
		For Dynamic Damper, Add	*25.30*	
		For 3 Hour Rated, Add	*22.49*	
		For Damper Blades Outside Air Stream, Add	*33.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0135	EA	52" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	269.44	48.40
		For Horizontal, Add	*18.62*	
		For Dynamic Damper, Add	*27.93*	
		For 3 Hour Rated, Add	*24.83*	
		For Damper Blades Outside Air Stream, Add	*37.25*	
23 33 13 16-0136	EA	52" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	288.83	49.73
		For Horizontal, Add	*20.91*	
		For Dynamic Damper, Add	*31.36*	
		For 3 Hour Rated, Add	*27.88*	
		For Damper Blades Outside Air Stream, Add	*41.82*	
23 33 13 16-0137	EA	52" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	311.17	52.55
		For Horizontal, Add	*23.01*	
		For Dynamic Damper, Add	*34.52*	
		For 3 Hour Rated, Add	*30.69*	
		For Damper Blades Outside Air Stream, Add	*46.03*	
23 33 13 16-0138	EA	52" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	330.02	55.30
		For Horizontal, Add	*24.60*	
		For Dynamic Damper, Add	*36.90*	
		For 3 Hour Rated, Add	*32.80*	
		For Damper Blades Outside Air Stream, Add	*49.19*	
23 33 13 16-0139	EA	52" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	356.53	59.44
		For Horizontal, Add	*26.71*	
		For Dynamic Damper, Add	*40.06*	
		For 3 Hour Rated, Add	*35.61*	
		For Damper Blades Outside Air Stream, Add	*53.41*	
23 33 13 16-0140	EA	52" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	376.54	62.18
		For Horizontal, Add	*28.46*	
		For Dynamic Damper, Add	*42.69*	
		For 3 Hour Rated, Add	*37.95*	
		For Damper Blades Outside Air Stream, Add	*56.93*	
23 33 13 16-0141	EA	56" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	129.77	24.90
		For Horizontal, Add	*8.26*	
		For Dynamic Damper, Add	*12.39*	
		For 3 Hour Rated, Add	*11.01*	
		For Damper Blades Outside Air Stream, Add	*16.52*	
23 33 13 16-0142	EA	56" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	143.93	27.64
		For Horizontal, Add	*9.14*	
		For Dynamic Damper, Add	*13.70*	
		For 3 Hour Rated, Add	*12.18*	
		For Damper Blades Outside Air Stream, Add	*18.27*	
23 33 13 16-0143	EA	56" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	155.75	30.38
		For Horizontal, Add	*9.66*	
		For Dynamic Damper, Add	*14.50*	
		For 3 Hour Rated, Add	*12.89*	
		For Damper Blades Outside Air Stream, Add	*19.33*	
23 33 13 16-0144	EA	56" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	165.22	33.21
		For Horizontal, Add	*9.84*	
		For Dynamic Damper, Add	*14.76*	
		For 3 Hour Rated, Add	*13.12*	
		For Damper Blades Outside Air Stream, Add	*19.68*	
23 33 13 16-0145	EA	56" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	179.96	35.95
		For Horizontal, Add	*10.81*	
		For Dynamic Damper, Add	*16.21*	
		For 3 Hour Rated, Add	*14.41*	
		For Damper Blades Outside Air Stream, Add	*21.61*	
23 33 13 16-0146	EA	56" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	194.71	38.69
		For Horizontal, Add	*11.77*	
		For Dynamic Damper, Add	*17.66*	
		For 3 Hour Rated, Add	*15.70*	
		For Damper Blades Outside Air Stream, Add	*23.54*	
23 33 13 16-0147	EA	56" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.45	41.51
		For Horizontal, Add	*12.74*	
		For Dynamic Damper, Add	*19.11*	
		For 3 Hour Rated, Add	*16.98*	
		For Damper Blades Outside Air Stream, Add	*25.48*	
23 33 13 16-0148	EA	56" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	224.20	44.25
		For Horizontal, Add	*13.70*	
		For Dynamic Damper, Add	*20.56*	
		For 3 Hour Rated, Add	*18.27*	
		For Damper Blades Outside Air Stream, Add	*27.41*	
23 33 13 16-0149	EA	56" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	246.54	46.99
		For Horizontal, Add	*15.81*	
		For Dynamic Damper, Add	*23.72*	
		For 3 Hour Rated, Add	*21.08*	
		For Damper Blades Outside Air Stream, Add	*31.62*	
23 33 13 16-0150	EA	56" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	264.77	48.40
		For Horizontal, Add	*17.92*	
		For Dynamic Damper, Add	*26.88*	
		For 3 Hour Rated, Add	*23.90*	
		For Damper Blades Outside Air Stream, Add	*35.84*	
23 33 13 16-0151	EA	56" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	281.80	49.73
		For Horizontal, Add	*19.85*	
		For Dynamic Damper, Add	*29.78*	
		For 3 Hour Rated, Add	*26.47*	
		For Damper Blades Outside Air Stream, Add	*39.71*	
23 33 13 16-0152	EA	56" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	306.50	52.55
		For Horizontal, Add	*22.31*	
		For Dynamic Damper, Add	*33.47*	
		For 3 Hour Rated, Add	*29.75*	
		For Damper Blades Outside Air Stream, Add	*44.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0153	EA	56" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	328.85	55.30
		For Horizontal, Add	*24.42*	
		For Dynamic Damper, Add	*36.63*	
		For 3 Hour Rated, Add	*32.56*	
		For Damper Blades Outside Air Stream, Add	*48.84*	
23 33 13 16-0154	EA	56" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	352.38	58.03
		For Horizontal, Add	*26.71*	
		For Dynamic Damper, Add	*40.06*	
		For 3 Hour Rated, Add	*35.61*	
		For Damper Blades Outside Air Stream, Add	*53.41*	
23 33 13 16-0155	EA	56" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	372.40	60.85
		For Horizontal, Add	*28.46*	
		For Dynamic Damper, Add	*42.69*	
		For 3 Hour Rated, Add	*37.95*	
		For Damper Blades Outside Air Stream, Add	*56.93*	
23 33 13 16-0156	EA	56" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	395.93	63.59
		For Horizontal, Add	*30.75*	
		For Dynamic Damper, Add	*46.12*	
		For 3 Hour Rated, Add	*41.00*	
		For Damper Blades Outside Air Stream, Add	*61.49*	
23 33 13 16-0157	EA	56" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	419.46	66.34
		For Horizontal, Add	*33.03*	
		For Dynamic Damper, Add	*49.55*	
		For 3 Hour Rated, Add	*44.04*	
		For Damper Blades Outside Air Stream, Add	*66.06*	
23 33 13 16-0158	EA	60" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	141.59	27.64
		For Horizontal, Add	*8.79*	
		For Dynamic Damper, Add	*13.18*	
		For 3 Hour Rated, Add	*11.71*	
		For Damper Blades Outside Air Stream, Add	*17.57*	
23 33 13 16-0159	EA	60" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	155.75	30.38
		For Horizontal, Add	*9.66*	
		For Dynamic Damper, Add	*14.50*	
		For 3 Hour Rated, Add	*12.89*	
		For Damper Blades Outside Air Stream, Add	*19.33*	
23 33 13 16-0160	EA	60" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	166.40	33.21
		For Horizontal, Add	*10.02*	
		For Dynamic Damper, Add	*15.02*	
		For 3 Hour Rated, Add	*13.35*	
		For Damper Blades Outside Air Stream, Add	*20.03*	
23 33 13 16-0161	EA	60" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	175.86	35.95
		For Horizontal, Add	*10.19*	
		For Dynamic Damper, Add	*15.29*	
		For 3 Hour Rated, Add	*13.59*	
		For Damper Blades Outside Air Stream, Add	*20.38*	
23 33 13 16-0162	EA	60" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	191.20	38.69
		For Horizontal, Add	*11.25*	
		For Dynamic Damper, Add	*16.87*	
		For 3 Hour Rated, Add	*14.99*	
		For Damper Blades Outside Air Stream, Add	*22.49*	
23 33 13 16-0163	EA	60" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	206.52	41.51
		For Horizontal, Add	*12.30*	
		For Dynamic Damper, Add	*18.45*	
		For 3 Hour Rated, Add	*16.40*	
		For Damper Blades Outside Air Stream, Add	*24.60*	
23 33 13 16-0164	EA	60" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	222.45	44.25
		For Horizontal, Add	*13.44*	
		For Dynamic Damper, Add	*20.16*	
		For 3 Hour Rated, Add	*17.92*	
		For Damper Blades Outside Air Stream, Add	*26.88*	
23 33 13 16-0165	EA	60" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.35	46.99
		For Horizontal, Add	*14.58*	
		For Dynamic Damper, Add	*21.87*	
		For 3 Hour Rated, Add	*19.44*	
		For Damper Blades Outside Air Stream, Add	*29.17*	
23 33 13 16-0166	EA	60" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	257.74	48.40
		For Horizontal, Add	*16.87*	
		For Dynamic Damper, Add	*25.30*	
		For 3 Hour Rated, Add	*22.49*	
		For Damper Blades Outside Air Stream, Add	*33.74*	
23 33 13 16-0167	EA	60" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	275.94	49.73
		For Horizontal, Add	*18.98*	
		For Dynamic Damper, Add	*28.46*	
		For 3 Hour Rated, Add	*25.30*	
		For Damper Blades Outside Air Stream, Add	*37.95*	
23 33 13 16-0168	EA	60" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	299.48	52.55
		For Horizontal, Add	*21.26*	
		For Dynamic Damper, Add	*31.89*	
		For 3 Hour Rated, Add	*28.35*	
		For Damper Blades Outside Air Stream, Add	*42.52*	
23 33 13 16-0169	EA	60" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	323.00	55.30
		For Horizontal, Add	*23.54*	
		For Dynamic Damper, Add	*35.32*	
		For 3 Hour Rated, Add	*31.39*	
		For Damper Blades Outside Air Stream, Add	*47.09*	
23 33 13 16-0170	EA	60" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	343.01	58.03
		For Horizontal, Add	*25.30*	
		For Dynamic Damper, Add	*37.95*	
		For 3 Hour Rated, Add	*33.73*	
		For Damper Blades Outside Air Stream, Add	*50.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0171	EA	60" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	370.06	60.85
		For Horizontal, Add	*28.11*	
		For Dynamic Damper, Add	*42.17*	
		For 3 Hour Rated, Add	*37.48*	
		For Damper Blades Outside Air Stream, Add	*56.22*	
23 33 13 16-0172	EA	60" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	394.76	63.59
		For Horizontal, Add	*30.57*	
		For Dynamic Damper, Add	*45.86*	
		For 3 Hour Rated, Add	*40.76*	
		For Damper Blades Outside Air Stream, Add	*61.14*	
23 33 13 16-0173	EA	60" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	419.46	66.34
		For Horizontal, Add	*33.03*	
		For Dynamic Damper, Add	*49.55*	
		For 3 Hour Rated, Add	*44.04*	
		For Damper Blades Outside Air Stream, Add	*66.06*	
23 33 13 16-0174	EA	60" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	441.80	69.16
		For Horizontal, Add	*35.14*	
		For Dynamic Damper, Add	*52.71*	
		For 3 Hour Rated, Add	*46.85*	
		For Damper Blades Outside Air Stream, Add	*70.28*	
23 33 13 16-0175	EA	60" x 60" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	464.18	71.89
		For Horizontal, Add	*37.25*	
		For Dynamic Damper, Add	*55.87*	
		For 3 Hour Rated, Add	*49.66*	
		For Damper Blades Outside Air Stream, Add	*74.50*	

23 33 13 16-0176 Parallel Blade Louver Fire Damper *(23 33 13 16)*

Note: UL listed. Galvanized steel construction with fusible link 160 F spring actuated 1-1/2 hour fire rating.

23 33 13 16-0177	EA	6" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	61.58	9.21
		For Horizontal, Add	*5.09*	
		For Dynamic Damper, Add	*7.64*	
		For 3 Hour Rated, Add	*6.79*	
23 33 13 16-0178	EA	8" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	64.28	9.63
		For Horizontal, Add	*5.31*	
		For Dynamic Damper, Add	*7.96*	
		For 3 Hour Rated, Add	*7.08*	
23 33 13 16-0179	EA	8" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	65.92	9.71
		For Horizontal, Add	*5.53*	
		For Dynamic Damper, Add	*8.29*	
		For 3 Hour Rated, Add	*7.37*	
23 33 13 16-0180	EA	10" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	65.92	9.71
		For Horizontal, Add	*5.53*	
		For Dynamic Damper, Add	*8.29*	
		For 3 Hour Rated, Add	*7.37*	
23 33 13 16-0181	EA	10" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	68.22	9.97
		For Horizontal, Add	*5.75*	
		For Dynamic Damper, Add	*8.62*	
		For 3 Hour Rated, Add	*7.67*	
23 33 13 16-0182	EA	10" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	74.46	11.04
		For Horizontal, Add	*6.19*	
		For Dynamic Damper, Add	*9.28*	
		For 3 Hour Rated, Add	*8.25*	
23 33 13 16-0183	EA	12" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	68.22	9.97
		For Horizontal, Add	*5.75*	
		For Dynamic Damper, Add	*8.62*	
		For 3 Hour Rated, Add	*7.67*	
23 33 13 16-0184	EA	12" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	72.80	10.54
		For Horizontal, Add	*6.19*	
		For Dynamic Damper, Add	*9.28*	
		For 3 Hour Rated, Add	*8.25*	
23 33 13 16-0185	EA	12" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	75.93	11.04
		For Horizontal, Add	*6.41*	
		For Dynamic Damper, Add	*9.61*	
		For 3 Hour Rated, Add	*8.54*	
23 33 13 16-0186	EA	12" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	81.54	12.45
		For Horizontal, Add	*6.63*	
		For Dynamic Damper, Add	*9.94*	
		For 3 Hour Rated, Add	*8.84*	
23 33 13 16-0187	EA	14" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	72.07	10.54
		For Horizontal, Add	*6.08*	
		For Dynamic Damper, Add	*9.12*	
		For 3 Hour Rated, Add	*8.10*	
23 33 13 16-0188	EA	14" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	75.93	11.04
		For Horizontal, Add	*6.41*	
		For Dynamic Damper, Add	*9.61*	
		For 3 Hour Rated, Add	*8.54*	
23 33 13 16-0189	EA	14" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	79.05	11.63
		For Horizontal, Add	*6.63*	
		For Dynamic Damper, Add	*9.94*	
		For 3 Hour Rated, Add	*8.84*	
23 33 13 16-0190	EA	14" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	83.00	12.45
		For Horizontal, Add	*6.85*	
		For Dynamic Damper, Add	*10.27*	
		For 3 Hour Rated, Add	*9.13*	
23 33 13 16-0191	EA	14" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	90.82	13.86
		For Horizontal, Add	*7.40*	
		For Dynamic Damper, Add	*11.09*	
		For 3 Hour Rated, Add	*9.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0192	EA	16" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	92.87	11.04
		For Horizontal, Add	*8.95*	
		For Dynamic Damper, Add	*13.42*	
		For 3 Hour Rated, Add	*11.93*	
23 33 13 16-0193	EA	16" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	97.00	11.87
		For Horizontal, Add	*9.20*	
		For Dynamic Damper, Add	*13.79*	
		For 3 Hour Rated, Add	*12.26*	
23 33 13 16-0194	EA	16" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	101.97	13.04
		For Horizontal, Add	*9.44*	
		For Dynamic Damper, Add	*14.16*	
		For 3 Hour Rated, Add	*12.59*	
23 33 13 16-0195	EA	16" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	106.09	13.86
		For Horizontal, Add	*9.69*	
		For Dynamic Damper, Add	*14.53*	
		For 3 Hour Rated, Add	*12.92*	
23 33 13 16-0196	EA	16" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	114.35	15.19
		For Horizontal, Add	*10.30*	
		For Dynamic Damper, Add	*15.46*	
		For 3 Hour Rated, Add	*13.74*	
23 33 13 16-0197	EA	16" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	122.60	16.60
		For Horizontal, Add	*10.92*	
		For Dynamic Damper, Add	*16.38*	
		For 3 Hour Rated, Add	*14.56*	
23 33 13 16-0198	EA	18" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	96.17	11.63
		For Horizontal, Add	*9.20*	
		For Dynamic Damper, Add	*13.79*	
		For 3 Hour Rated, Add	*12.26*	
23 33 13 16-0199	EA	18" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	101.12	12.45
		For Horizontal, Add	*9.56*	
		For Dynamic Damper, Add	*14.35*	
		For 3 Hour Rated, Add	*12.75*	
23 33 13 16-0200	EA	18" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	107.75	13.86
		For Horizontal, Add	*9.94*	
		For Dynamic Damper, Add	*14.90*	
		For 3 Hour Rated, Add	*13.25*	
23 33 13 16-0201	EA	18" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	115.99	15.19
		For Horizontal, Add	*10.55*	
		For Dynamic Damper, Add	*15.82*	
		For 3 Hour Rated, Add	*14.07*	
23 33 13 16-0202	EA	18" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	123.42	16.60
		For Horizontal, Add	*11.04*	
		For Dynamic Damper, Add	*16.56*	
		For 3 Hour Rated, Add	*14.72*	
23 33 13 16-0203	EA	18" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	131.68	17.93
		For Horizontal, Add	*11.66*	
		For Dynamic Damper, Add	*17.48*	
		For 3 Hour Rated, Add	*15.54*	
23 33 13 16-0204	EA	18" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	138.28	19.35
		For Horizontal, Add	*12.03*	
		For Dynamic Damper, Add	*18.04*	
		For 3 Hour Rated, Add	*16.03*	
23 33 13 16-0205	EA	20" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	100.31	12.45
		For Horizontal, Add	*9.44*	
		For Dynamic Damper, Add	*14.16*	
		For 3 Hour Rated, Add	*12.59*	
23 33 13 16-0206	EA	20" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	107.73	13.86
		For Horizontal, Add	*9.93*	
		For Dynamic Damper, Add	*14.90*	
		For 3 Hour Rated, Add	*13.24*	
23 33 13 16-0207	EA	20" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	115.17	15.19
		For Horizontal, Add	*10.43*	
		For Dynamic Damper, Add	*15.64*	
		For 3 Hour Rated, Add	*13.90*	
23 33 13 16-0208	EA	20" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	125.89	16.60
		For Horizontal, Add	*11.41*	
		For Dynamic Damper, Add	*17.12*	
		For 3 Hour Rated, Add	*15.22*	
23 33 13 16-0209	EA	20" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	132.51	17.93
		For Horizontal, Add	*11.78*	
		For Dynamic Damper, Add	*17.67*	
		For 3 Hour Rated, Add	*15.71*	
23 33 13 16-0210	EA	20" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	139.10	19.35
		For Horizontal, Add	*12.15*	
		For Dynamic Damper, Add	*18.22*	
		For 3 Hour Rated, Add	*16.20*	
23 33 13 16-0211	EA	20" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	146.53	20.76
		For Horizontal, Add	*12.64*	
		For Dynamic Damper, Add	*18.96*	
		For 3 Hour Rated, Add	*16.85*	
23 33 13 16-0212	EA	20" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	153.96	22.09
		For Horizontal, Add	*13.13*	
		For Dynamic Damper, Add	*19.70*	
		For 3 Hour Rated, Add	*17.51*	
23 33 13 16-0213	EA	24" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	122.81	13.86
		For Horizontal, Add	*12.20*	
		For Dynamic Damper, Add	*18.29*	
		For 3 Hour Rated, Add	*16.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0214	EA	24" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	131.89	15.19
		For Horizontal, Add	*12.93*	
		For Dynamic Damper, Add	*19.40*	
		For 3 Hour Rated, Add	*17.25*	
23 33 13 16-0215	EA	24" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	139.33	16.60
		For Horizontal, Add	*13.43*	
		For Dynamic Damper, Add	*20.14*	
		For 3 Hour Rated, Add	*17.90*	
23 33 13 16-0216	EA	24" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.39	17.93
		For Horizontal, Add	*14.16*	
		For Dynamic Damper, Add	*21.24*	
		For 3 Hour Rated, Add	*18.88*	
23 33 13 16-0217	EA	24" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	155.00	19.35
		For Horizontal, Add	*14.53*	
		For Dynamic Damper, Add	*21.80*	
		For 3 Hour Rated, Add	*19.38*	
23 33 13 16-0218	EA	24" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	161.60	20.76
		For Horizontal, Add	*14.90*	
		For Dynamic Damper, Add	*22.35*	
		For 3 Hour Rated, Add	*19.87*	
23 33 13 16-0219	EA	24" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	170.68	22.09
		For Horizontal, Add	*15.64*	
		For Dynamic Damper, Add	*23.46*	
		For 3 Hour Rated, Add	*20.85*	
23 33 13 16-0220	EA	24" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	183.89	24.90
		For Horizontal, Add	*16.38*	
		For Dynamic Damper, Add	*24.57*	
		For 3 Hour Rated, Add	*21.84*	
23 33 13 16-0221	EA	24" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.76	27.64
		For Horizontal, Add	*17.36*	
		For Dynamic Damper, Add	*26.04*	
		For 3 Hour Rated, Add	*23.15*	
23 33 13 16-0222	EA	28" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	131.89	15.19
		For Horizontal, Add	*12.93*	
		For Dynamic Damper, Add	*19.40*	
		For 3 Hour Rated, Add	*17.25*	
23 33 13 16-0223	EA	28" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	139.33	16.60
		For Horizontal, Add	*13.43*	
		For Dynamic Damper, Add	*20.14*	
		For 3 Hour Rated, Add	*17.90*	
23 33 13 16-0224	EA	28" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.39	17.93
		For Horizontal, Add	*14.16*	
		For Dynamic Damper, Add	*21.24*	
		For 3 Hour Rated, Add	*18.88*	
23 33 13 16-0225	EA	28" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	155.81	19.35
		For Horizontal, Add	*14.66*	
		For Dynamic Damper, Add	*21.98*	
		For 3 Hour Rated, Add	*19.54*	
23 33 13 16-0226	EA	28" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	164.07	20.76
		For Horizontal, Add	*15.27*	
		For Dynamic Damper, Add	*22.91*	
		For 3 Hour Rated, Add	*20.36*	
23 33 13 16-0227	EA	28" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	172.31	22.09
		For Horizontal, Add	*15.88*	
		For Dynamic Damper, Add	*23.83*	
		For 3 Hour Rated, Add	*21.18*	
23 33 13 16-0228	EA	28" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	185.53	24.90
		For Horizontal, Add	*16.62*	
		For Dynamic Damper, Add	*24.93*	
		For 3 Hour Rated, Add	*22.16*	
23 33 13 16-0229	EA	28" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.76	27.64
		For Horizontal, Add	*17.36*	
		For Dynamic Damper, Add	*26.04*	
		For 3 Hour Rated, Add	*23.15*	
23 33 13 16-0230	EA	28" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	212.76	29.06
		For Horizontal, Add	*18.84*	
		For Dynamic Damper, Add	*28.26*	
		For 3 Hour Rated, Add	*25.12*	
23 33 13 16-0231	EA	28" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	229.25	31.80
		For Horizontal, Add	*20.07*	
		For Dynamic Damper, Add	*30.10*	
		For 3 Hour Rated, Add	*26.76*	
23 33 13 16-0232	EA	32" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	144.23	16.60
		For Horizontal, Add	*14.16*	
		For Dynamic Damper, Add	*21.24*	
		For 3 Hour Rated, Add	*18.88*	
23 33 13 16-0233	EA	32" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	150.02	17.93
		For Horizontal, Add	*14.41*	
		For Dynamic Damper, Add	*21.61*	
		For 3 Hour Rated, Add	*19.21*	
23 33 13 16-0234	EA	32" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	155.81	19.35
		For Horizontal, Add	*14.66*	
		For Dynamic Damper, Add	*21.98*	
		For 3 Hour Rated, Add	*19.54*	
23 33 13 16-0235	EA	32" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	163.23	20.76
		For Horizontal, Add	*15.15*	
		For Dynamic Damper, Add	*22.72*	
		For 3 Hour Rated, Add	*20.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0236	EA	32" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	172.62	22.09
		For Horizontal, Add	*15.93*	
		For Dynamic Damper, Add	*23.90*	
		For 3 Hour Rated, Add	*21.24*	
23 33 13 16-0237	EA	32" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	185.53	24.90
		For Horizontal, Add	*16.62*	
		For Dynamic Damper, Add	*24.93*	
		For 3 Hour Rated, Add	*22.16*	
23 33 13 16-0238	EA	32" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	200.41	27.64
		For Horizontal, Add	*17.61*	
		For Dynamic Damper, Add	*26.41*	
		For 3 Hour Rated, Add	*23.48*	
23 33 13 16-0239	EA	32" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	215.27	30.38
		For Horizontal, Add	*18.59*	
		For Dynamic Damper, Add	*27.89*	
		For 3 Hour Rated, Add	*24.79*	
23 33 13 16-0240	EA	32" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	229.25	31.80
		For Horizontal, Add	*20.07*	
		For Dynamic Damper, Add	*30.10*	
		For 3 Hour Rated, Add	*26.76*	
23 33 13 16-0241	EA	32" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	247.37	34.03
		For Horizontal, Add	*21.79*	
		For Dynamic Damper, Add	*32.68*	
		For 3 Hour Rated, Add	*29.05*	
23 33 13 16-0242	EA	32" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	266.30	35.95
		For Horizontal, Add	*23.76*	
		For Dynamic Damper, Add	*35.64*	
		For 3 Hour Rated, Add	*31.68*	
23 33 13 16-0243	EA	36" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	161.75	17.93
		For Horizontal, Add	*16.17*	
		For Dynamic Damper, Add	*24.25*	
		For 3 Hour Rated, Add	*21.56*	
23 33 13 16-0244	EA	36" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	169.62	19.35
		For Horizontal, Add	*16.73*	
		For Dynamic Damper, Add	*25.09*	
		For 3 Hour Rated, Add	*22.30*	
23 33 13 16-0245	EA	36" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	177.52	20.76
		For Horizontal, Add	*17.29*	
		For Dynamic Damper, Add	*25.93*	
		For 3 Hour Rated, Add	*23.05*	
23 33 13 16-0246	EA	36" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	187.31	22.09
		For Horizontal, Add	*18.13*	
		For Dynamic Damper, Add	*27.20*	
		For 3 Hour Rated, Add	*24.18*	
23 33 13 16-0247	EA	36" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.42	24.90
		For Horizontal, Add	*18.56*	
		For Dynamic Damper, Add	*27.83*	
		For 3 Hour Rated, Add	*24.74*	
23 33 13 16-0248	EA	36" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	205.40	26.23
		For Horizontal, Add	*18.98*	
		For Dynamic Damper, Add	*28.47*	
		For 3 Hour Rated, Add	*25.31*	
23 33 13 16-0249	EA	36" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	227.22	30.38
		For Horizontal, Add	*20.39*	
		For Dynamic Damper, Add	*30.58*	
		For 3 Hour Rated, Add	*27.18*	
23 33 13 16-0250	EA	36" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	244.89	33.21
		For Horizontal, Add	*21.79*	
		For Dynamic Damper, Add	*32.68*	
		For 3 Hour Rated, Add	*29.05*	
23 33 13 16-0251	EA	36" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	259.46	34.29
		For Horizontal, Add	*23.48*	
		For Dynamic Damper, Add	*35.21*	
		For 3 Hour Rated, Add	*31.30*	
23 33 13 16-0252	EA	36" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	281.91	36.78
		For Horizontal, Add	*25.72*	
		For Dynamic Damper, Add	*38.59*	
		For 3 Hour Rated, Add	*34.30*	
23 33 13 16-0253	EA	36" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	300.83	38.69
		For Horizontal, Add	*27.69*	
		For Dynamic Damper, Add	*41.54*	
		For 3 Hour Rated, Add	*36.92*	
23 33 13 16-0254	EA	36" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	319.98	40.09
		For Horizontal, Add	*29.94*	
		For Dynamic Damper, Add	*44.91*	
		For 3 Hour Rated, Add	*39.92*	
23 33 13 16-0255	EA	40" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	181.19	20.76
		For Horizontal, Add	*18.46*	
		For Dynamic Damper, Add	*27.69*	
		For 3 Hour Rated, Add	*24.62*	
23 33 13 16-0256	EA	40" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	192.84	22.09
		For Horizontal, Add	*19.59*	
		For Dynamic Damper, Add	*29.38*	
		For 3 Hour Rated, Add	*26.12*	
23 33 13 16-0257	EA	40" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.87	23.50
		For Horizontal, Add	*19.87*	
		For Dynamic Damper, Add	*29.80*	
		For 3 Hour Rated, Add	*26.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0258	EA	40" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	204.90	24.90
		For Horizontal, Add	*20.15*	
		For Dynamic Damper, Add	*30.22*	
		For 3 Hour Rated, Add	*26.87*	
23 33 13 16-0259	EA	40" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	219.76	26.23
		For Horizontal, Add	*21.13*	
		For Dynamic Damper, Add	*31.70*	
		For 3 Hour Rated, Add	*28.18*	
23 33 13 16-0260	EA	40" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	230.47	27.64
		For Horizontal, Add	*22.12*	
		For Dynamic Damper, Add	*33.18*	
		For 3 Hour Rated, Add	*29.49*	
23 33 13 16-0261	EA	40" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	250.42	31.80
		For Horizontal, Add	*23.24*	
		For Dynamic Damper, Add	*34.86*	
		For 3 Hour Rated, Add	*30.99*	
23 33 13 16-0262	EA	40" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	266.22	34.54
		For Horizontal, Add	*24.37*	
		For Dynamic Damper, Add	*36.55*	
		For 3 Hour Rated, Add	*32.49*	
23 33 13 16-0263	EA	40" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	284.11	36.78
		For Horizontal, Add	*26.05*	
		For Dynamic Damper, Add	*39.08*	
		For 3 Hour Rated, Add	*34.74*	
23 33 13 16-0264	EA	40" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	310.53	38.69
		For Horizontal, Add	*29.15*	
		For Dynamic Damper, Add	*43.72*	
		For 3 Hour Rated, Add	*38.86*	
23 33 13 16-0265	EA	40" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	328.41	40.93
		For Horizontal, Add	*30.83*	
		For Dynamic Damper, Add	*46.25*	
		For 3 Hour Rated, Add	*41.11*	
23 33 13 16-0266	EA	40" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	352.35	42.01
		For Horizontal, Add	*33.92*	
		For Dynamic Damper, Add	*50.89*	
		For 3 Hour Rated, Add	*45.23*	
23 33 13 16-0267	EA	40" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	377.74	44.25
		For Horizontal, Add	*36.74*	
		For Dynamic Damper, Add	*55.10*	
		For 3 Hour Rated, Add	*48.98*	
23 33 13 16-0268	EA	44" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	189.09	20.76
		For Horizontal, Add	*19.02*	
		For Dynamic Damper, Add	*28.54*	
		For 3 Hour Rated, Add	*25.37*	
23 33 13 16-0269	EA	44" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	200.75	22.09
		For Horizontal, Add	*20.15*	
		For Dynamic Damper, Add	*30.22*	
		For 3 Hour Rated, Add	*26.87*	
23 33 13 16-0270	EA	44" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	210.53	23.50
		For Horizontal, Add	*20.99*	
		For Dynamic Damper, Add	*31.49*	
		For 3 Hour Rated, Add	*27.99*	
23 33 13 16-0271	EA	44" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	216.54	24.90
		For Horizontal, Add	*21.27*	
		For Dynamic Damper, Add	*31.91*	
		For 3 Hour Rated, Add	*28.37*	
23 33 13 16-0272	EA	44" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	228.20	26.23
		For Horizontal, Add	*22.40*	
		For Dynamic Damper, Add	*33.60*	
		For 3 Hour Rated, Add	*29.87*	
23 33 13 16-0273	EA	44" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	239.85	27.64
		For Horizontal, Add	*23.52*	
		For Dynamic Damper, Add	*35.29*	
		For 3 Hour Rated, Add	*31.37*	
23 33 13 16-0274	EA	44" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	265.83	33.21
		For Horizontal, Add	*24.93*	
		For Dynamic Damper, Add	*37.40*	
		For 3 Hour Rated, Add	*33.24*	
23 33 13 16-0275	EA	44" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	283.48	35.95
		For Horizontal, Add	*26.33*	
		For Dynamic Damper, Add	*39.50*	
		For 3 Hour Rated, Add	*35.11*	
23 33 13 16-0276	EA	44" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	310.53	38.69
		For Horizontal, Add	*29.15*	
		For Dynamic Damper, Add	*43.72*	
		For 3 Hour Rated, Add	*38.86*	
23 33 13 16-0277	EA	44" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	335.70	41.51
		For Horizontal, Add	*31.68*	
		For Dynamic Damper, Add	*47.51*	
		For 3 Hour Rated, Add	*42.23*	
23 33 13 16-0278	EA	44" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	362.74	44.25
		For Horizontal, Add	*34.49*	
		For Dynamic Damper, Add	*51.73*	
		For 3 Hour Rated, Add	*45.98*	
23 33 13 16-0279	EA	44" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	383.75	45.58
		For Horizontal, Add	*37.02*	
		For Dynamic Damper, Add	*55.52*	
		For 3 Hour Rated, Add	*49.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0280	EA	44" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	404.77	46.99
		For Horizontal, Add	*39.55*	
		For Dynamic Damper, Add	*59.32*	
		For 3 Hour Rated, Add	*52.73*	
23 33 13 16-0281	EA	44" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	425.81	48.40
		For Horizontal, Add	*42.08*	
		For Dynamic Damper, Add	*63.12*	
		For 3 Hour Rated, Add	*56.10*	
23 33 13 16-0282	EA	48" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.87	22.09
		For Horizontal, Add	*19.87*	
		For Dynamic Damper, Add	*29.80*	
		For 3 Hour Rated, Add	*26.49*	
23 33 13 16-0283	EA	48" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	210.53	23.50
		For Horizontal, Add	*20.99*	
		For Dynamic Damper, Add	*31.49*	
		For 3 Hour Rated, Add	*27.99*	
23 33 13 16-0284	EA	48" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	216.54	24.90
		For Horizontal, Add	*21.27*	
		For Dynamic Damper, Add	*31.91*	
		For 3 Hour Rated, Add	*28.37*	
23 33 13 16-0285	EA	48" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	230.47	27.64
		For Horizontal, Add	*22.12*	
		For Dynamic Damper, Add	*33.18*	
		For 3 Hour Rated, Add	*29.49*	
23 33 13 16-0286	EA	48" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	246.27	30.38
		For Horizontal, Add	*23.24*	
		For Dynamic Damper, Add	*34.86*	
		For 3 Hour Rated, Add	*30.99*	
23 33 13 16-0287	EA	48" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	262.07	33.21
		For Horizontal, Add	*24.37*	
		For Dynamic Damper, Add	*36.55*	
		For 3 Hour Rated, Add	*32.49*	
23 33 13 16-0288	EA	48" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	281.61	35.95
		For Horizontal, Add	*26.05*	
		For Dynamic Damper, Add	*39.08*	
		For 3 Hour Rated, Add	*34.74*	
23 33 13 16-0289	EA	48" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	301.16	38.69
		For Horizontal, Add	*27.74*	
		For Dynamic Damper, Add	*41.61*	
		For 3 Hour Rated, Add	*36.99*	
23 33 13 16-0290	EA	48" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	326.33	41.51
		For Horizontal, Add	*30.27*	
		For Dynamic Damper, Add	*45.41*	
		For 3 Hour Rated, Add	*40.36*	
23 33 13 16-0291	EA	48" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	355.24	44.25
		For Horizontal, Add	*33.36*	
		For Dynamic Damper, Add	*50.04*	
		For 3 Hour Rated, Add	*44.48*	
23 33 13 16-0292	EA	48" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	376.27	45.58
		For Horizontal, Add	*35.89*	
		For Dynamic Damper, Add	*53.84*	
		For 3 Hour Rated, Add	*47.86*	
23 33 13 16-0293	EA	48" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	402.89	46.99
		For Horizontal, Add	*39.26*	
		For Dynamic Damper, Add	*58.90*	
		For 3 Hour Rated, Add	*52.35*	
23 33 13 16-0294	EA	48" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	428.08	49.73
		For Horizontal, Add	*41.80*	
		For Dynamic Damper, Add	*62.69*	
		For 3 Hour Rated, Add	*55.73*	
23 33 13 16-0295	EA	48" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	454.71	51.14
		For Horizontal, Add	*45.17*	
		For Dynamic Damper, Add	*67.75*	
		For 3 Hour Rated, Add	*60.23*	
23 33 13 16-0296	EA	48" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	482.16	55.30
		For Horizontal, Add	*47.42*	
		For Dynamic Damper, Add	*71.13*	
		For 3 Hour Rated, Add	*63.22*	
23 33 13 16-0297	EA	52" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	208.65	23.50
		For Horizontal, Add	*20.71*	
		For Dynamic Damper, Add	*31.07*	
		For 3 Hour Rated, Add	*27.62*	
23 33 13 16-0298	EA	52" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	220.29	24.90
		For Horizontal, Add	*21.84*	
		For Dynamic Damper, Add	*32.76*	
		For 3 Hour Rated, Add	*29.12*	
23 33 13 16-0299	EA	52" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	236.10	27.64
		For Horizontal, Add	*22.96*	
		For Dynamic Damper, Add	*34.44*	
		For 3 Hour Rated, Add	*30.62*	
23 33 13 16-0300	EA	52" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	246.27	30.38
		For Horizontal, Add	*23.24*	
		For Dynamic Damper, Add	*34.86*	
		For 3 Hour Rated, Add	*30.99*	
23 33 13 16-0301	EA	52" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	263.02	33.21
		For Horizontal, Add	*24.51*	
		For Dynamic Damper, Add	*36.76*	
		For 3 Hour Rated, Add	*32.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0302	EA	52" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	279.73	35.95
		For Horizontal, Add	*25.77*	
		For Dynamic Damper, Add	*38.66*	
		For 3 Hour Rated, Add	*34.36*	
23 33 13 16-0303	EA	52" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	299.29	38.69
		For Horizontal, Add	*27.46*	
		For Dynamic Damper, Add	*41.19*	
		For 3 Hour Rated, Add	*36.61*	
23 33 13 16-0304	EA	52" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	318.83	41.51
		For Horizontal, Add	*29.15*	
		For Dynamic Damper, Add	*43.72*	
		For 3 Hour Rated, Add	*38.86*	
23 33 13 16-0305	EA	52" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	344.01	44.25
		For Horizontal, Add	*31.68*	
		For Dynamic Damper, Add	*47.51*	
		For 3 Hour Rated, Add	*42.23*	
23 33 13 16-0306	EA	52" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	374.78	46.99
		For Horizontal, Add	*35.05*	
		For Dynamic Damper, Add	*52.57*	
		For 3 Hour Rated, Add	*46.73*	
23 33 13 16-0307	EA	52" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	397.68	48.40
		For Horizontal, Add	*37.86*	
		For Dynamic Damper, Add	*56.79*	
		For 3 Hour Rated, Add	*50.48*	
23 33 13 16-0308	EA	52" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	426.20	49.73
		For Horizontal, Add	*41.51*	
		For Dynamic Damper, Add	*62.27*	
		For 3 Hour Rated, Add	*55.35*	
23 33 13 16-0309	EA	52" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	456.98	52.55
		For Horizontal, Add	*44.89*	
		For Dynamic Damper, Add	*67.33*	
		For 3 Hour Rated, Add	*59.85*	
23 33 13 16-0310	EA	52" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	482.16	55.30
		For Horizontal, Add	*47.42*	
		For Dynamic Damper, Add	*71.13*	
		For 3 Hour Rated, Add	*63.22*	
23 33 13 16-0311	EA	52" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	517.09	59.44
		For Horizontal, Add	*50.79*	
		For Dynamic Damper, Add	*76.19*	
		For 3 Hour Rated, Add	*67.72*	
23 33 13 16-0312	EA	52" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	544.14	62.18
		For Horizontal, Add	*53.60*	
		For Dynamic Damper, Add	*80.40*	
		For 3 Hour Rated, Add	*71.47*	
23 33 13 16-0313	EA	56" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	216.54	24.90
		For Horizontal, Add	*21.27*	
		For Dynamic Damper, Add	*31.91*	
		For 3 Hour Rated, Add	*28.37*	
23 33 13 16-0314	EA	56" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	234.21	27.64
		For Horizontal, Add	*22.68*	
		For Dynamic Damper, Add	*34.02*	
		For 3 Hour Rated, Add	*30.24*	
23 33 13 16-0315	EA	56" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	248.15	30.38
		For Horizontal, Add	*23.52*	
		For Dynamic Damper, Add	*35.29*	
		For 3 Hour Rated, Add	*31.37*	
23 33 13 16-0316	EA	56" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	258.32	33.21
		For Horizontal, Add	*23.80*	
		For Dynamic Damper, Add	*35.71*	
		For 3 Hour Rated, Add	*31.74*	
23 33 13 16-0317	EA	56" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.93	35.95
		For Horizontal, Add	*25.35*	
		For Dynamic Damper, Add	*38.03*	
		For 3 Hour Rated, Add	*33.80*	
23 33 13 16-0318	EA	56" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	295.54	38.69
		For Horizontal, Add	*26.90*	
		For Dynamic Damper, Add	*40.34*	
		For 3 Hour Rated, Add	*35.86*	
23 33 13 16-0319	EA	56" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	314.15	41.51
		For Horizontal, Add	*28.44*	
		For Dynamic Damper, Add	*42.66*	
		For 3 Hour Rated, Add	*37.92*	
23 33 13 16-0320	EA	56" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	332.76	44.25
		For Horizontal, Add	*29.99*	
		For Dynamic Damper, Add	*44.98*	
		For 3 Hour Rated, Add	*39.98*	
23 33 13 16-0321	EA	56" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	363.53	46.99
		For Horizontal, Add	*33.36*	
		For Dynamic Damper, Add	*50.04*	
		For 3 Hour Rated, Add	*44.48*	
23 33 13 16-0322	EA	56" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	390.19	48.40
		For Horizontal, Add	*36.74*	
		For Dynamic Damper, Add	*55.10*	
		For 3 Hour Rated, Add	*48.98*	
23 33 13 16-0323	EA	56" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	414.95	49.73
		For Horizontal, Add	*39.83*	
		For Dynamic Damper, Add	*59.74*	
		For 3 Hour Rated, Add	*53.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0324	EA	56" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	449.50	52.55
		For Horizontal, Add	*43.76*	
		For Dynamic Damper, Add	*65.65*	
		For 3 Hour Rated, Add	*58.35*	
23 33 13 16-0325	EA	56" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	480.28	55.30
		For Horizontal, Add	*47.14*	
		For Dynamic Damper, Add	*70.70*	
		For 3 Hour Rated, Add	*62.85*	
23 33 13 16-0326	EA	56" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	512.94	58.03
		For Horizontal, Add	*50.79*	
		For Dynamic Damper, Add	*76.19*	
		For 3 Hour Rated, Add	*67.72*	
23 33 13 16-0327	EA	56" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	540.00	60.85
		For Horizontal, Add	*53.60*	
		For Dynamic Damper, Add	*80.40*	
		For 3 Hour Rated, Add	*71.47*	
23 33 13 16-0328	EA	56" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	572.66	63.59
		For Horizontal, Add	*57.26*	
		For Dynamic Damper, Add	*85.88*	
		For 3 Hour Rated, Add	*76.34*	
23 33 13 16-0329	EA	56" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	605.32	66.34
		For Horizontal, Add	*60.91*	
		For Dynamic Damper, Add	*91.37*	
		For 3 Hour Rated, Add	*81.21*	
23 33 13 16-0330	EA	60" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	230.47	27.64
		For Horizontal, Add	*22.12*	
		For Dynamic Damper, Add	*33.18*	
		For 3 Hour Rated, Add	*29.49*	
23 33 13 16-0331	EA	60" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	248.15	30.38
		For Horizontal, Add	*23.52*	
		For Dynamic Damper, Add	*35.29*	
		For 3 Hour Rated, Add	*31.37*	
23 33 13 16-0332	EA	60" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	260.19	33.21
		For Horizontal, Add	*24.08*	
		For Dynamic Damper, Add	*36.13*	
		For 3 Hour Rated, Add	*32.11*	
23 33 13 16-0333	EA	60" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	270.36	35.95
		For Horizontal, Add	*24.37*	
		For Dynamic Damper, Add	*36.55*	
		For 3 Hour Rated, Add	*32.49*	
23 33 13 16-0334	EA	60" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	289.92	38.69
		For Horizontal, Add	*26.05*	
		For Dynamic Damper, Add	*39.08*	
		For 3 Hour Rated, Add	*34.74*	
23 33 13 16-0335	EA	60" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	309.46	41.51
		For Horizontal, Add	*27.74*	
		For Dynamic Damper, Add	*41.61*	
		For 3 Hour Rated, Add	*36.99*	
23 33 13 16-0336	EA	60" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	329.95	44.25
		For Horizontal, Add	*29.57*	
		For Dynamic Damper, Add	*44.35*	
		For 3 Hour Rated, Add	*39.42*	
23 33 13 16-0337	EA	60" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	350.42	46.99
		For Horizontal, Add	*31.39*	
		For Dynamic Damper, Add	*47.09*	
		For 3 Hour Rated, Add	*41.86*	
23 33 13 16-0338	EA	60" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	378.94	48.40
		For Horizontal, Add	*35.05*	
		For Dynamic Damper, Add	*52.57*	
		For 3 Hour Rated, Add	*46.73*	
23 33 13 16-0339	EA	60" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	405.58	49.73
		For Horizontal, Add	*38.42*	
		For Dynamic Damper, Add	*57.63*	
		For 3 Hour Rated, Add	*51.23*	
23 33 13 16-0340	EA	60" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	438.26	52.55
		For Horizontal, Add	*42.08*	
		For Dynamic Damper, Add	*63.12*	
		For 3 Hour Rated, Add	*56.10*	
23 33 13 16-0341	EA	60" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	470.92	55.30
		For Horizontal, Add	*45.73*	
		For Dynamic Damper, Add	*68.60*	
		For 3 Hour Rated, Add	*60.98*	
23 33 13 16-0342	EA	60" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	497.96	58.03
		For Horizontal, Add	*48.54*	
		For Dynamic Damper, Add	*72.81*	
		For 3 Hour Rated, Add	*64.72*	
23 33 13 16-0343	EA	60" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	536.25	60.85
		For Horizontal, Add	*53.04*	
		For Dynamic Damper, Add	*79.56*	
		For 3 Hour Rated, Add	*70.72*	
23 33 13 16-0344	EA	60" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	570.78	63.59
		For Horizontal, Add	*56.97*	
		For Dynamic Damper, Add	*85.46*	
		For 3 Hour Rated, Add	*75.97*	
23 33 13 16-0345	EA	60" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	605.32	66.34
		For Horizontal, Add	*60.91*	
		For Dynamic Damper, Add	*91.37*	
		For 3 Hour Rated, Add	*81.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0346	EA	60" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	636.10	69.16
		For Horizontal, Add	*64.28*	
		For Dynamic Damper, Add	*96.42*	
		For 3 Hour Rated, Add	*85.71*	
23 33 13 16-0347	EA	60" x 60" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	666.92	71.89
		For Horizontal, Add	*67.66*	
		For Dynamic Damper, Add	*101.49*	
		For 3 Hour Rated, Add	*90.21*	
23 33 13 16-0348		Round 2 Hour Fire Damper *(23 33 13 16)*		
23 33 13 16-0349	EA	4" Round 2 Hour Fire Damper	49.16	16.60
23 33 13 16-0350	EA	5" Round 2 Hour Fire Damper	50.30	16.60
23 33 13 16-0351	EA	6" Round 2 Hour Fire Damper	58.26	18.84
23 33 13 16-0352	EA	7" Round 2 Hour Fire Damper	59.50	18.84
23 33 13 16-0353	EA	8" Round 2 Hour Fire Damper	68.86	20.76
23 33 13 16-0354	EA	9" Round 2 Hour Fire Damper	72.28	20.76
23 33 13 16-0355	EA	10" Round 2 Hour Fire Damper	80.32	23.08
23 33 13 16-0356	EA	12" Round 2 Hour Fire Damper	90.27	25.98
23 33 13 16-0357	EA	14" Round 2 Hour Fire Damper	102.82	29.64
23 33 13 16-0358		Round 4 Hour Fire Damper *(23 33 13 16)*		
23 33 13 16-0359	EA	4" Round 4 Hour Fire Damper	55.61	18.84
23 33 13 16-0360	EA	5" Round 4 Hour Fire Damper	58.72	18.84
23 33 13 16-0361	EA	6" Round 4 Hour Fire Damper	65.64	20.76
23 33 13 16-0362	EA	7" Round 4 Hour Fire Damper	69.66	20.76
23 33 13 16-0363	EA	8" Round 4 Hour Fire Damper	78.29	23.08
23 33 13 16-0364	EA	9" Round 4 Hour Fire Damper	80.74	23.08
23 33 13 16-0365	EA	10" Round 4 Hour Fire Damper	90.34	25.98
23 33 13 16-0366	EA	12" Round 4 Hour Fire Damper	101.27	29.64
23 33 13 16-0367	EA	14" Round 4 Hour Fire Damper	118.15	34.62
23 33 13 19		**Smoke-Control Dampers** *(23 33 13)*		
23 33 13 19-0001		Combination Smoke/Fire Damper *(23 33 13 19)*		
		Note: Leakage class I with Firestat UL 555S air foil blades.		
23 33 13 19-0002	EA	6" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	96.15	13.82
		For 3 Hour Rated, Add	*10.94*	
23 33 13 19-0003	EA	8" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	99.37	14.45
		For 3 Hour Rated, Add	*11.21*	
23 33 13 19-0004	EA	8" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	100.97	14.57
		For 3 Hour Rated, Add	*11.48*	
23 33 13 19-0005	EA	10" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	100.97	14.57
		For 3 Hour Rated, Add	*11.48*	
23 33 13 19-0006	EA	10" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	103.55	14.94
		For 3 Hour Rated, Add	*11.74*	
23 33 13 19-0007	EA	10" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	111.23	16.56
		For 3 Hour Rated, Add	*12.28*	
23 33 13 19-0008	EA	12" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	103.55	14.94
		For 3 Hour Rated, Add	*11.74*	
23 33 13 19-0009	EA	12" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	108.74	15.81
		For 3 Hour Rated, Add	*12.28*	
23 33 13 19-0010	EA	12" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	112.57	16.56
		For 3 Hour Rated, Add	*12.55*	
23 33 13 19-0011	EA	12" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	120.15	18.68
		For 3 Hour Rated, Add	*12.82*	
23 33 13 19-0012	EA	14" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	108.07	15.81
		For 3 Hour Rated, Add	*12.15*	
23 33 13 19-0013	EA	14" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	112.57	16.56
		For 3 Hour Rated, Add	*12.55*	
23 33 13 19-0014	EA	14" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	116.42	17.44
		For 3 Hour Rated, Add	*12.82*	
23 33 13 19-0015	EA	14" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	121.51	18.68
		For 3 Hour Rated, Add	*13.09*	
23 33 13 19-0016	EA	14" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	131.09	20.80
		For 3 Hour Rated, Add	*13.77*	
23 33 13 19-0017	EA	16" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	161.84	16.56
		For 3 Hour Rated, Add	*22.41*	
23 33 13 19-0018	EA	16" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	166.92	17.81
		For 3 Hour Rated, Add	*22.68*	
23 33 13 19-0019	EA	16" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	173.26	19.55
		For 3 Hour Rated, Add	*22.95*	
23 33 13 19-0020	EA	16" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	178.32	20.80
		For 3 Hour Rated, Add	*23.21*	
23 33 13 19-0021	EA	16" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	187.93	22.79
		For 3 Hour Rated, Add	*23.89*	
23 33 13 19-0022	EA	16" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	197.52	24.90
		For 3 Hour Rated, Add	*24.56*	
23 33 13 19-0023	EA	18" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	165.69	17.44
		For 3 Hour Rated, Add	*22.68*	
23 33 13 19-0024	EA	18" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	171.43	18.68
		For 3 Hour Rated, Add	*23.08*	
23 33 13 19-0025	EA	18" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	179.69	20.80
		For 3 Hour Rated, Add	*23.49*	
23 33 13 19-0026	EA	18" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	189.28	22.79
		For 3 Hour Rated, Add	*24.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0027	EA	18" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.19	24.90
		For 3 Hour Rated, Add	*24.70*	
23 33 13 19-0028	EA	18" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	207.79	26.90
		For 3 Hour Rated, Add	*25.37*	
23 33 13 19-0029	EA	18" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	216.05	29.01
		For 3 Hour Rated, Add	*25.77*	
23 33 13 19-0030	EA	20" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	170.77	18.68
		For 3 Hour Rated, Add	*22.95*	
23 33 13 19-0031	EA	20" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	179.68	20.80
		For 3 Hour Rated, Add	*23.48*	
23 33 13 19-0032	EA	20" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	188.60	22.79
		For 3 Hour Rated, Add	*24.02*	
23 33 13 19-0033	EA	20" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	200.22	24.90
		For 3 Hour Rated, Add	*25.10*	
23 33 13 19-0034	EA	20" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	208.47	26.90
		For 3 Hour Rated, Add	*25.51*	
23 33 13 19-0035	EA	20" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	216.73	29.01
		For 3 Hour Rated, Add	*25.91*	
23 33 13 19-0036	EA	20" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	225.64	31.14
		For 3 Hour Rated, Add	*26.45*	
23 33 13 19-0037	EA	20" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	234.56	33.13
		For 3 Hour Rated, Add	*26.99*	
23 33 13 19-0038	EA	24" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	234.76	20.80
		For 3 Hour Rated, Add	*34.50*	
23 33 13 19-0039	EA	24" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	245.04	22.79
		For 3 Hour Rated, Add	*35.31*	
23 33 13 19-0040	EA	24" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	253.97	24.90
		For 3 Hour Rated, Add	*35.85*	
23 33 13 19-0041	EA	24" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	264.23	26.90
		For 3 Hour Rated, Add	*36.66*	
23 33 13 19-0042	EA	24" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	272.49	29.01
		For 3 Hour Rated, Add	*37.06*	
23 33 13 19-0043	EA	24" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	280.73	31.14
		For 3 Hour Rated, Add	*37.47*	
23 33 13 19-0044	EA	24" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	291.00	33.13
		For 3 Hour Rated, Add	*38.27*	
23 33 13 19-0045	EA	24" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	307.49	37.36
		For 3 Hour Rated, Add	*39.08*	
23 33 13 19-0046	EA	24" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	325.33	41.46
		For 3 Hour Rated, Add	*40.16*	
23 33 13 19-0047	EA	28" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	245.04	22.79
		For 3 Hour Rated, Add	*35.31*	
23 33 13 19-0048	EA	28" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	253.97	24.90
		For 3 Hour Rated, Add	*35.85*	
23 33 13 19-0049	EA	28" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	264.23	26.90
		For 3 Hour Rated, Add	*36.66*	
23 33 13 19-0050	EA	28" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	273.16	29.01
		For 3 Hour Rated, Add	*37.20*	
23 33 13 19-0051	EA	28" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	282.75	31.14
		For 3 Hour Rated, Add	*37.87*	
23 33 13 19-0052	EA	28" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.34	33.13
		For 3 Hour Rated, Add	*38.54*	
23 33 13 19-0053	EA	28" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	308.83	37.36
		For 3 Hour Rated, Add	*39.35*	
23 33 13 19-0054	EA	28" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	325.33	41.46
		For 3 Hour Rated, Add	*40.16*	
23 33 13 19-0055	EA	28" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	339.63	43.59
		For 3 Hour Rated, Add	*41.78*	
23 33 13 19-0056	EA	28" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	358.82	47.70
		For 3 Hour Rated, Add	*43.12*	
23 33 13 19-0057	EA	32" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	258.00	24.90
		For 3 Hour Rated, Add	*36.66*	
23 33 13 19-0058	EA	32" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	265.57	26.90
		For 3 Hour Rated, Add	*36.93*	
23 33 13 19-0059	EA	32" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	273.16	29.01
		For 3 Hour Rated, Add	*37.20*	
23 33 13 19-0060	EA	32" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	282.07	31.14
		For 3 Hour Rated, Add	*37.73*	
23 33 13 19-0061	EA	32" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.59	33.13
		For 3 Hour Rated, Add	*38.59*	
23 33 13 19-0062	EA	32" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	308.83	37.36
		For 3 Hour Rated, Add	*39.35*	
23 33 13 19-0063	EA	32" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	326.68	41.46
		For 3 Hour Rated, Add	*40.43*	
23 33 13 19-0064	EA	32" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	344.52	45.58
		For 3 Hour Rated, Add	*41.51*	
23 33 13 19-0065	EA	32" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	358.82	47.70
		For 3 Hour Rated, Add	*43.12*	
23 33 13 19-0066	EA	32" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	378.22	51.06
		For 3 Hour Rated, Add	*45.01*	
23 33 13 19-0067	EA	32" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	397.71	53.93
		For 3 Hour Rated, Add	*47.16*	
23 33 13 19-0068	EA	36" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	272.49	26.90
		For 3 Hour Rated, Add	*38.31*	
23 33 13 19-0069	EA	36" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	281.65	29.01
		For 3 Hour Rated, Add	*38.89*	
23 33 13 19-0070	EA	36" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	290.79	31.14
		For 3 Hour Rated, Add	*39.48*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0071	EA	36" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	301.42	33.13
		For 3 Hour Rated, Add	*40.36*	
23 33 13 19-0072	EA	36" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	316.08	37.36
		For 3 Hour Rated, Add	*40.80*	
23 33 13 19-0073	EA	36" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	324.49	39.35
		For 3 Hour Rated, Add	*41.24*	
23 33 13 19-0074	EA	36" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	350.50	45.58
		For 3 Hour Rated, Add	*42.70*	
23 33 13 19-0075	EA	36" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	370.27	49.81
		For 3 Hour Rated, Add	*44.17*	
23 33 13 19-0076	EA	36" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	384.03	51.43
		For 3 Hour Rated, Add	*45.92*	
23 33 13 19-0077	EA	36" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	406.95	55.16
		For 3 Hour Rated, Add	*48.27*	
23 33 13 19-0078	EA	36" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	425.91	58.03
		For 3 Hour Rated, Add	*50.31*	
23 33 13 19-0079	EA	36" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	443.85	60.15
		For 3 Hour Rated, Add	*52.66*	
23 33 13 19-0080	EA	40" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	329.45	31.14
		For 3 Hour Rated, Add	*48.45*	
23 33 13 19-0081	EA	40" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	341.52	33.13
		For 3 Hour Rated, Add	*49.62*	
23 33 13 19-0082	EA	40" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	349.22	35.24
		For 3 Hour Rated, Add	*49.92*	
23 33 13 19-0083	EA	40" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	356.91	37.36
		For 3 Hour Rated, Add	*50.21*	
23 33 13 19-0084	EA	40" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	374.48	39.35
		For 3 Hour Rated, Add	*51.24*	
23 33 13 19-0085	EA	40" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	385.84	41.46
		For 3 Hour Rated, Add	*52.26*	
23 33 13 19-0086	EA	40" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	410.38	47.70
		For 3 Hour Rated, Add	*53.43*	
23 33 13 19-0087	EA	40" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	428.69	51.80
		For 3 Hour Rated, Add	*54.60*	
23 33 13 19-0088	EA	40" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	447.43	55.16
		For 3 Hour Rated, Add	*56.36*	
23 33 13 19-0089	EA	40" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	472.25	58.03
		For 3 Hour Rated, Add	*59.58*	
23 33 13 19-0090	EA	40" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	491.00	61.40
		For 3 Hour Rated, Add	*61.34*	
23 33 13 19-0091	EA	40" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	512.09	63.02
		For 3 Hour Rated, Add	*64.56*	
23 33 13 19-0092	EA	40" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	536.70	66.38
		For 3 Hour Rated, Add	*67.49*	
23 33 13 19-0093	EA	44" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	338.60	31.14
		For 3 Hour Rated, Add	*49.04*	
23 33 13 19-0094	EA	44" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	350.69	33.13
		For 3 Hour Rated, Add	*50.21*	
23 33 13 19-0095	EA	44" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	361.30	35.24
		For 3 Hour Rated, Add	*51.09*	
23 33 13 19-0096	EA	44" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	369.00	37.36
		For 3 Hour Rated, Add	*51.38*	
23 33 13 19-0097	EA	44" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	381.08	39.35
		For 3 Hour Rated, Add	*52.56*	
23 33 13 19-0098	EA	44" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	393.16	41.46
		For 3 Hour Rated, Add	*53.73*	
23 33 13 19-0099	EA	44" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	425.40	49.81
		For 3 Hour Rated, Add	*55.19*	
23 33 13 19-0100	EA	44" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	445.16	53.93
		For 3 Hour Rated, Add	*56.65*	
23 33 13 19-0101	EA	44" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	472.25	58.03
		For 3 Hour Rated, Add	*59.58*	
23 33 13 19-0102	EA	44" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	497.88	62.26
		For 3 Hour Rated, Add	*62.22*	
23 33 13 19-0103	EA	44" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	524.97	66.38
		For 3 Hour Rated, Add	*65.14*	
23 33 13 19-0104	EA	44" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	544.38	68.37
		For 3 Hour Rated, Add	*67.78*	
23 33 13 19-0105	EA	44" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	563.78	70.49
		For 3 Hour Rated, Add	*70.42*	
23 33 13 19-0106	EA	44" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	583.20	72.60
		For 3 Hour Rated, Add	*73.05*	
23 33 13 19-0107	EA	48" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	349.22	33.13
		For 3 Hour Rated, Add	*49.92*	
23 33 13 19-0108	EA	48" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	361.30	35.24
		For 3 Hour Rated, Add	*51.09*	
23 33 13 19-0109	EA	48" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	369.00	37.36
		For 3 Hour Rated, Add	*51.38*	
23 33 13 19-0110	EA	48" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	385.84	41.46
		For 3 Hour Rated, Add	*52.26*	
23 33 13 19-0111	EA	48" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	404.15	45.58
		For 3 Hour Rated, Add	*53.43*	
23 33 13 19-0112	EA	48" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	422.46	49.81
		For 3 Hour Rated, Add	*54.60*	
23 33 13 19-0113	EA	48" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	443.70	53.93
		For 3 Hour Rated, Add	*56.36*	
23 33 13 19-0114	EA	48" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	464.93	58.03
		For 3 Hour Rated, Add	*58.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0115	EA	48" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	490.56	62.26
		For 3 Hour Rated, Add	*60.75*	
23 33 13 19-0116	EA	48" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	519.11	66.38
		For 3 Hour Rated, Add	*63.97*	
23 33 13 19-0117	EA	48" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	538.54	68.37
		For 3 Hour Rated, Add	*66.61*	
23 33 13 19-0118	EA	48" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	562.31	70.49
		For 3 Hour Rated, Add	*70.12*	
23 33 13 19-0119	EA	48" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	587.95	74.59
		For 3 Hour Rated, Add	*72.76*	
23 33 13 19-0120	EA	48" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	611.75	76.71
		For 3 Hour Rated, Add	*76.27*	
23 33 13 19-0121	EA	48" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	642.15	82.94
		For 3 Hour Rated, Add	*78.62*	
23 33 13 19-0122	EA	52" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	359.83	35.24
		For 3 Hour Rated, Add	*50.80*	
23 33 13 19-0123	EA	52" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	371.92	37.36
		For 3 Hour Rated, Add	*51.97*	
23 33 13 19-0124	EA	52" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	390.23	41.46
		For 3 Hour Rated, Add	*53.14*	
23 33 13 19-0125	EA	52" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	404.15	45.58
		For 3 Hour Rated, Add	*53.43*	
23 33 13 19-0126	EA	52" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	423.20	49.81
		For 3 Hour Rated, Add	*54.75*	
23 33 13 19-0127	EA	52" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	442.24	53.93
		For 3 Hour Rated, Add	*56.07*	
23 33 13 19-0128	EA	52" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	463.47	58.03
		For 3 Hour Rated, Add	*57.83*	
23 33 13 19-0129	EA	52" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	484.70	62.26
		For 3 Hour Rated, Add	*59.58*	
23 33 13 19-0130	EA	52" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	510.34	66.38
		For 3 Hour Rated, Add	*62.22*	
23 33 13 19-0131	EA	52" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	540.36	70.49
		For 3 Hour Rated, Add	*65.73*	
23 33 13 19-0132	EA	52" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	561.22	72.60
		For 3 Hour Rated, Add	*68.66*	
23 33 13 19-0133	EA	52" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	586.49	74.59
		For 3 Hour Rated, Add	*72.47*	
23 33 13 19-0134	EA	52" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	616.50	78.83
		For 3 Hour Rated, Add	*75.98*	
23 33 13 19-0135	EA	52" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	642.15	82.94
		For 3 Hour Rated, Add	*78.62*	
23 33 13 19-0136	EA	52" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	678.38	89.16
		For 3 Hour Rated, Add	*82.13*	
23 33 13 19-0137	EA	52" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	705.48	93.28
		For 3 Hour Rated, Add	*85.06*	
23 33 13 19-0138	EA	56" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	369.00	37.36
		For 3 Hour Rated, Add	*51.38*	
23 33 13 19-0139	EA	56" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	388.76	41.46
		For 3 Hour Rated, Add	*52.85*	
23 33 13 19-0140	EA	56" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	405.61	45.58
		For 3 Hour Rated, Add	*53.73*	
23 33 13 19-0141	EA	56" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	419.53	49.81
		For 3 Hour Rated, Add	*54.02*	
23 33 13 19-0142	EA	56" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	440.04	53.93
		For 3 Hour Rated, Add	*55.63*	
23 33 13 19-0143	EA	56" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	460.54	58.03
		For 3 Hour Rated, Add	*57.24*	
23 33 13 19-0144	EA	56" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	481.04	62.26
		For 3 Hour Rated, Add	*58.85*	
23 33 13 19-0145	EA	56" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	501.55	66.38
		For 3 Hour Rated, Add	*60.46*	
23 33 13 19-0146	EA	56" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	531.56	70.49
		For 3 Hour Rated, Add	*63.97*	
23 33 13 19-0147	EA	56" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	555.38	72.60
		For 3 Hour Rated, Add	*67.49*	
23 33 13 19-0148	EA	56" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	577.69	74.59
		For 3 Hour Rated, Add	*70.71*	
23 33 13 19-0149	EA	56" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	610.65	78.83
		For 3 Hour Rated, Add	*74.81*	
23 33 13 19-0150	EA	56" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	640.68	82.94
		For 3 Hour Rated, Add	*78.32*	
23 33 13 19-0151	EA	56" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	672.16	87.05
		For 3 Hour Rated, Add	*82.13*	
23 33 13 19-0152	EA	56" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	699.26	91.28
		For 3 Hour Rated, Add	*85.06*	
23 33 13 19-0153	EA	56" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	730.74	95.39
		For 3 Hour Rated, Add	*88.86*	
23 33 13 19-0154	EA	56" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	762.22	99.50
		For 3 Hour Rated, Add	*92.67*	
23 33 13 19-0155	EA	60" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	385.84	41.46
		For 3 Hour Rated, Add	*52.26*	
23 33 13 19-0156	EA	60" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	405.61	45.58
		For 3 Hour Rated, Add	*53.73*	
23 33 13 19-0157	EA	60" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	421.00	49.81
		For 3 Hour Rated, Add	*54.31*	
23 33 13 19-0158	EA	60" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	434.91	53.93
		For 3 Hour Rated, Add	*54.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0159	EA	60" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	456.15	58.03
		For 3 Hour Rated, Add	*56.36*	
23 33 13 19-0160	EA	60" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	477.38	62.26
		For 3 Hour Rated, Add	*58.12*	
23 33 13 19-0161	EA	60" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	499.35	66.38
		For 3 Hour Rated, Add	*60.02*	
23 33 13 19-0162	EA	60" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	521.33	70.49
		For 3 Hour Rated, Add	*61.93*	
23 33 13 19-0163	EA	60" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	546.59	72.60
		For 3 Hour Rated, Add	*65.73*	
23 33 13 19-0164	EA	60" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	570.37	74.59
		For 3 Hour Rated, Add	*69.24*	
23 33 13 19-0165	EA	60" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	601.88	78.83
		For 3 Hour Rated, Add	*73.05*	
23 33 13 19-0166	EA	60" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	633.37	82.94
		For 3 Hour Rated, Add	*76.86*	
23 33 13 19-0167	EA	60" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	660.46	87.05
		For 3 Hour Rated, Add	*79.79*	
23 33 13 19-0168	EA	60" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	696.33	91.28
		For 3 Hour Rated, Add	*84.47*	
23 33 13 19-0169	EA	60" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	729.28	95.39
		For 3 Hour Rated, Add	*88.57*	
23 33 13 19-0170	EA	60" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	762.22	99.50
		For 3 Hour Rated, Add	*92.67*	
23 33 13 19-0171	EA	60" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	792.24	103.74
		For 3 Hour Rated, Add	*96.18*	
23 33 13 19-0172	EA	60" x 60" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	822.28	107.84
		For 3 Hour Rated, Add	*99.70*	

23 33 13 19-0173 Smoke Damper *(23 33 13 19)*

Note: Leakage class I with Firestat UL 555S air foil blades.

23 33 13 19-0174	EA	6" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	76.21	9.21
		For Dynamic Damper, Add	*10.93*	
		For 3 Hour Rated, Add	*9.71*	
23 33 13 19-0175	EA	8" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	78.68	9.63
		For Dynamic Damper, Add	*11.20*	
		For 3 Hour Rated, Add	*9.96*	
23 33 13 19-0176	EA	8" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	80.09	9.71
		For Dynamic Damper, Add	*11.48*	
		For 3 Hour Rated, Add	*10.21*	
23 33 13 19-0177	EA	10" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	80.09	9.71
		For Dynamic Damper, Add	*11.48*	
		For 3 Hour Rated, Add	*10.21*	
23 33 13 19-0178	EA	10" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	82.15	9.97
		For Dynamic Damper, Add	*11.76*	
		For 3 Hour Rated, Add	*10.45*	
23 33 13 19-0179	EA	10" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	87.92	11.04
		For Dynamic Damper, Add	*12.31*	
		For 3 Hour Rated, Add	*10.94*	
23 33 13 19-0180	EA	12" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	82.15	9.97
		For Dynamic Damper, Add	*11.76*	
		For 3 Hour Rated, Add	*10.45*	
23 33 13 19-0181	EA	12" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	86.26	10.54
		For Dynamic Damper, Add	*12.31*	
		For 3 Hour Rated, Add	*10.94*	
23 33 13 19-0182	EA	12" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	89.16	11.04
		For Dynamic Damper, Add	*12.59*	
		For 3 Hour Rated, Add	*11.19*	
23 33 13 19-0183	EA	12" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	94.53	12.45
		For Dynamic Damper, Add	*12.86*	
		For 3 Hour Rated, Add	*11.43*	
23 33 13 19-0184	EA	14" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	85.65	10.54
		For Dynamic Damper, Add	*12.17*	
		For 3 Hour Rated, Add	*10.82*	
23 33 13 19-0185	EA	14" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	89.16	11.04
		For Dynamic Damper, Add	*12.59*	
		For 3 Hour Rated, Add	*11.19*	
23 33 13 19-0186	EA	14" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	92.04	11.63
		For Dynamic Damper, Add	*12.86*	
		For 3 Hour Rated, Add	*11.43*	
23 33 13 19-0187	EA	14" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	95.77	12.45
		For Dynamic Damper, Add	*13.14*	
		For 3 Hour Rated, Add	*11.68*	
23 33 13 19-0188	EA	14" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	102.99	13.86
		For Dynamic Damper, Add	*13.83*	
		For 3 Hour Rated, Add	*12.30*	
23 33 13 19-0189	EA	16" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.94	11.04
		For Dynamic Damper, Add	*22.66*	
		For 3 Hour Rated, Add	*20.15*	
23 33 13 19-0190	EA	16" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	137.66	11.87
		For Dynamic Damper, Add	*22.94*	
		For 3 Hour Rated, Add	*20.39*	
23 33 13 19-0191	EA	16" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	142.21	13.04
		For Dynamic Damper, Add	*23.22*	
		For 3 Hour Rated, Add	*20.64*	
23 33 13 19-0192	EA	16" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	145.92	13.86
		For Dynamic Damper, Add	*23.49*	
		For 3 Hour Rated, Add	*20.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0193	EA	16" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	153.16	15.19
		For Dynamic Damper, Add	*24.19*	
		For 3 Hour Rated, Add	*21.50*	
23 33 13 19-0194	EA	16" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	160.38	16.60
		For Dynamic Damper, Add	*24.88*	
		For 3 Hour Rated, Add	*22.11*	
23 33 13 19-0195	EA	18" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	136.83	11.63
		For Dynamic Damper, Add	*22.94*	
		For 3 Hour Rated, Add	*20.39*	
23 33 13 19-0196	EA	18" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	141.16	12.45
		For Dynamic Damper, Add	*23.36*	
		For 3 Hour Rated, Add	*20.76*	
23 33 13 19-0197	EA	18" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	147.17	13.86
		For Dynamic Damper, Add	*23.77*	
		For 3 Hour Rated, Add	*21.13*	
23 33 13 19-0198	EA	18" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	154.39	15.19
		For Dynamic Damper, Add	*24.46*	
		For 3 Hour Rated, Add	*21.75*	
23 33 13 19-0199	EA	18" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	160.99	16.60
		For Dynamic Damper, Add	*25.02*	
		For 3 Hour Rated, Add	*22.24*	
23 33 13 19-0200	EA	18" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	168.23	17.93
		For Dynamic Damper, Add	*25.71*	
		For 3 Hour Rated, Add	*22.85*	
23 33 13 19-0201	EA	18" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	174.22	19.35
		For Dynamic Damper, Add	*26.12*	
		For 3 Hour Rated, Add	*23.22*	
23 33 13 19-0202	EA	20" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	140.55	12.45
		For Dynamic Damper, Add	*23.22*	
		For 3 Hour Rated, Add	*20.64*	
23 33 13 19-0203	EA	20" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	147.16	13.86
		For Dynamic Damper, Add	*23.77*	
		For 3 Hour Rated, Add	*21.13*	
23 33 13 19-0204	EA	20" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	153.77	15.19
		For Dynamic Damper, Add	*24.32*	
		For 3 Hour Rated, Add	*21.62*	
23 33 13 19-0205	EA	20" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	162.85	16.60
		For Dynamic Damper, Add	*25.43*	
		For 3 Hour Rated, Add	*22.61*	
23 33 13 19-0206	EA	20" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	168.85	17.93
		For Dynamic Damper, Add	*25.85*	
		For 3 Hour Rated, Add	*22.98*	
23 33 13 19-0207	EA	20" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	174.84	19.35
		For Dynamic Damper, Add	*26.26*	
		For 3 Hour Rated, Add	*23.35*	
23 33 13 19-0208	EA	20" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	181.44	20.76
		For Dynamic Damper, Add	*26.82*	
		For 3 Hour Rated, Add	*23.84*	
23 33 13 19-0209	EA	20" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	188.06	22.09
		For Dynamic Damper, Add	*27.37*	
		For 3 Hour Rated, Add	*24.33*	
23 33 13 19-0210	EA	24" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	184.21	13.86
		For Dynamic Damper, Add	*32.11*	
		For 3 Hour Rated, Add	*28.54*	
23 33 13 19-0211	EA	24" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	192.06	15.19
		For Dynamic Damper, Add	*32.94*	
		For 3 Hour Rated, Add	*29.28*	
23 33 13 19-0212	EA	24" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.68	16.60
		For Dynamic Damper, Add	*33.50*	
		For 3 Hour Rated, Add	*29.77*	
23 33 13 19-0213	EA	24" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	206.53	17.93
		For Dynamic Damper, Add	*34.33*	
		For 3 Hour Rated, Add	*30.51*	
23 33 13 19-0214	EA	24" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	212.51	19.35
		For Dynamic Damper, Add	*34.74*	
		For 3 Hour Rated, Add	*30.88*	
23 33 13 19-0215	EA	24" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	218.50	20.76
		For Dynamic Damper, Add	*35.15*	
		For 3 Hour Rated, Add	*31.25*	
23 33 13 19-0216	EA	24" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	226.35	22.09
		For Dynamic Damper, Add	*35.98*	
		For 3 Hour Rated, Add	*31.99*	
23 33 13 19-0217	EA	24" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.33	24.90
		For Dynamic Damper, Add	*36.81*	
		For 3 Hour Rated, Add	*32.72*	
23 33 13 19-0218	EA	24" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	251.56	27.64
		For Dynamic Damper, Add	*37.92*	
		For 3 Hour Rated, Add	*33.71*	
23 33 13 19-0219	EA	28" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	192.06	15.19
		For Dynamic Damper, Add	*32.94*	
		For 3 Hour Rated, Add	*29.28*	
23 33 13 19-0220	EA	28" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.68	16.60
		For Dynamic Damper, Add	*33.50*	
		For 3 Hour Rated, Add	*29.77*	
23 33 13 19-0221	EA	28" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	206.53	17.93
		For Dynamic Damper, Add	*34.33*	
		For 3 Hour Rated, Add	*30.51*	
23 33 13 19-0222	EA	28" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	213.12	19.35
		For Dynamic Damper, Add	*34.88*	
		For 3 Hour Rated, Add	*31.00*	

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23 33 13 19-0223	EA	28" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	220.34	20.76
		For Dynamic Damper, Add	*35.57*	
		For 3 Hour Rated, Add	*31.62*	
23 33 13 19-0224	EA	28" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	227.57	22.09
		For Dynamic Damper, Add	*36.26*	
		For 3 Hour Rated, Add	*32.23*	
23 33 13 19-0225	EA	28" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	239.55	24.90
		For Dynamic Damper, Add	*37.09*	
		For 3 Hour Rated, Add	*32.97*	
23 33 13 19-0226	EA	28" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	251.56	27.64
		For Dynamic Damper, Add	*37.92*	
		For 3 Hour Rated, Add	*33.71*	
23 33 13 19-0227	EA	28" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	263.10	29.06
		For Dynamic Damper, Add	*39.58*	
		For 3 Hour Rated, Add	*35.18*	
23 33 13 19-0228	EA	28" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	277.54	31.80
		For Dynamic Damper, Add	*40.97*	
		For 3 Hour Rated, Add	*36.41*	
23 33 13 19-0229	EA	32" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	202.37	16.60
		For Dynamic Damper, Add	*34.33*	
		For 3 Hour Rated, Add	*30.51*	
23 33 13 19-0230	EA	32" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	207.74	17.93
		For Dynamic Damper, Add	*34.60*	
		For 3 Hour Rated, Add	*30.75*	
23 33 13 19-0231	EA	32" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	213.12	19.35
		For Dynamic Damper, Add	*34.88*	
		For 3 Hour Rated, Add	*31.00*	
23 33 13 19-0232	EA	32" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	219.72	20.76
		For Dynamic Damper, Add	*35.43*	
		For 3 Hour Rated, Add	*31.49*	
23 33 13 19-0233	EA	32" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	227.81	22.09
		For Dynamic Damper, Add	*36.31*	
		For 3 Hour Rated, Add	*32.28*	
23 33 13 19-0234	EA	32" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	239.55	24.90
		For Dynamic Damper, Add	*37.09*	
		For 3 Hour Rated, Add	*32.97*	
23 33 13 19-0235	EA	32" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	252.79	27.64
		For Dynamic Damper, Add	*38.20*	
		For 3 Hour Rated, Add	*33.95*	
23 33 13 19-0236	EA	32" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	266.02	30.38
		For Dynamic Damper, Add	*39.31*	
		For 3 Hour Rated, Add	*34.94*	
23 33 13 19-0237	EA	32" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	277.54	31.80
		For Dynamic Damper, Add	*40.97*	
		For 3 Hour Rated, Add	*36.41*	
23 33 13 19-0238	EA	32" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.80	34.03
		For Dynamic Damper, Add	*42.91*	
		For 3 Hour Rated, Add	*38.14*	
23 33 13 19-0239	EA	32" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	308.44	35.95
		For Dynamic Damper, Add	*45.12*	
		For 3 Hour Rated, Add	*40.10*	
23 33 13 19-0240	EA	36" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	212.32	17.93
		For Dynamic Damper, Add	*35.63*	
		For 3 Hour Rated, Add	*31.67*	
23 33 13 19-0241	EA	36" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	219.03	19.35
		For Dynamic Damper, Add	*36.21*	
		For 3 Hour Rated, Add	*32.18*	
23 33 13 19-0242	EA	36" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	225.75	20.76
		For Dynamic Damper, Add	*36.79*	
		For 3 Hour Rated, Add	*32.70*	
23 33 13 19-0243	EA	36" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	233.78	22.09
		For Dynamic Damper, Add	*37.66*	
		For 3 Hour Rated, Add	*33.47*	
23 33 13 19-0244	EA	36" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	244.02	24.90
		For Dynamic Damper, Add	*38.09*	
		For 3 Hour Rated, Add	*33.86*	
23 33 13 19-0245	EA	36" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	250.11	26.23
		For Dynamic Damper, Add	*38.53*	
		For 3 Hour Rated, Add	*34.25*	
23 33 13 19-0246	EA	36" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	269.00	30.38
		For Dynamic Damper, Add	*39.98*	
		For 3 Hour Rated, Add	*35.54*	
23 33 13 19-0247	EA	36" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	283.74	33.21
		For Dynamic Damper, Add	*41.42*	
		For 3 Hour Rated, Add	*36.82*	
23 33 13 19-0248	EA	36" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	294.80	34.29
		For Dynamic Damper, Add	*43.17*	
		For 3 Hour Rated, Add	*38.37*	
23 33 13 19-0249	EA	36" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	312.57	36.78
		For Dynamic Damper, Add	*45.48*	
		For 3 Hour Rated, Add	*40.43*	
23 33 13 19-0250	EA	36" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	327.40	38.69
		For Dynamic Damper, Add	*47.51*	
		For 3 Hour Rated, Add	*42.23*	
23 33 13 19-0251	EA	36" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	341.86	40.09
		For Dynamic Damper, Add	*49.83*	
		For 3 Hour Rated, Add	*44.30*	
23 33 13 19-0252	EA	40" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	244.61	20.76
		For Dynamic Damper, Add	*41.96*	
		For 3 Hour Rated, Add	*37.30*	

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23 33 13 19-0253	EA	40" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	253.91	22.09
		For Dynamic Damper, Add	*43.12*	
		For 3 Hour Rated, Add	*38.33*	
23 33 13 19-0254	EA	40" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	259.36	23.50
		For Dynamic Damper, Add	*43.41*	
		For 3 Hour Rated, Add	*38.59*	
23 33 13 19-0255	EA	40" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	264.80	24.90
		For Dynamic Damper, Add	*43.70*	
		For 3 Hour Rated, Add	*38.85*	
23 33 13 19-0256	EA	40" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	277.62	26.23
		For Dynamic Damper, Add	*44.72*	
		For 3 Hour Rated, Add	*39.75*	
23 33 13 19-0257	EA	40" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	286.28	27.64
		For Dynamic Damper, Add	*45.73*	
		For 3 Hour Rated, Add	*40.65*	
23 33 13 19-0258	EA	40" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	303.88	31.80
		For Dynamic Damper, Add	*46.89*	
		For 3 Hour Rated, Add	*41.68*	
23 33 13 19-0259	EA	40" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	317.35	34.54
		For Dynamic Damper, Add	*48.05*	
		For 3 Hour Rated, Add	*42.71*	
23 33 13 19-0260	EA	40" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	331.72	36.78
		For Dynamic Damper, Add	*49.79*	
		For 3 Hour Rated, Add	*44.26*	
23 33 13 19-0261	EA	40" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	351.70	38.69
		For Dynamic Damper, Add	*52.98*	
		For 3 Hour Rated, Add	*47.09*	
23 33 13 19-0262	EA	40" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	366.06	40.93
		For Dynamic Damper, Add	*54.72*	
		For 3 Hour Rated, Add	*48.64*	
23 33 13 19-0263	EA	40" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	383.56	42.01
		For Dynamic Damper, Add	*57.91*	
		For 3 Hour Rated, Add	*51.47*	
23 33 13 19-0264	EA	40" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	403.10	44.25
		For Dynamic Damper, Add	*60.81*	
		For 3 Hour Rated, Add	*54.05*	
23 33 13 19-0265	EA	44" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	251.34	20.76
		For Dynamic Damper, Add	*42.54*	
		For 3 Hour Rated, Add	*37.82*	
23 33 13 19-0266	EA	44" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	260.65	22.09
		For Dynamic Damper, Add	*43.70*	
		For 3 Hour Rated, Add	*38.85*	
23 33 13 19-0267	EA	44" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	268.68	23.50
		For Dynamic Damper, Add	*44.57*	
		For 3 Hour Rated, Add	*39.62*	
23 33 13 19-0268	EA	44" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	274.11	24.90
		For Dynamic Damper, Add	*44.87*	
		For 3 Hour Rated, Add	*39.88*	
23 33 13 19-0269	EA	44" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	283.42	26.23
		For Dynamic Damper, Add	*46.02*	
		For 3 Hour Rated, Add	*40.91*	
23 33 13 19-0270	EA	44" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.72	27.64
		For Dynamic Damper, Add	*47.18*	
		For 3 Hour Rated, Add	*41.94*	
23 33 13 19-0271	EA	44" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	315.78	33.21
		For Dynamic Damper, Add	*48.63*	
		For 3 Hour Rated, Add	*43.23*	
23 33 13 19-0272	EA	44" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	330.50	35.95
		For Dynamic Damper, Add	*50.08*	
		For 3 Hour Rated, Add	*44.52*	
23 33 13 19-0273	EA	44" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	351.70	38.69
		For Dynamic Damper, Add	*52.98*	
		For 3 Hour Rated, Add	*47.09*	
23 33 13 19-0274	EA	44" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	371.60	41.51
		For Dynamic Damper, Add	*55.59*	
		For 3 Hour Rated, Add	*49.41*	
23 33 13 19-0275	EA	44" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	392.78	44.25
		For Dynamic Damper, Add	*58.49*	
		For 3 Hour Rated, Add	*51.99*	
23 33 13 19-0276	EA	44" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	408.52	45.58
		For Dynamic Damper, Add	*61.10*	
		For 3 Hour Rated, Add	*54.31*	
23 33 13 19-0277	EA	44" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	424.27	46.99
		For Dynamic Damper, Add	*63.71*	
		For 3 Hour Rated, Add	*56.63*	
23 33 13 19-0278	EA	44" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	440.03	48.40
		For Dynamic Damper, Add	*66.32*	
		For 3 Hour Rated, Add	*58.95*	
23 33 13 19-0279	EA	48" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	259.36	22.09
		For Dynamic Damper, Add	*43.41*	
		For 3 Hour Rated, Add	*38.59*	
23 33 13 19-0280	EA	48" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	268.68	23.50
		For Dynamic Damper, Add	*44.57*	
		For 3 Hour Rated, Add	*39.62*	
23 33 13 19-0281	EA	48" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	274.11	24.90
		For Dynamic Damper, Add	*44.87*	
		For 3 Hour Rated, Add	*39.88*	
23 33 13 19-0282	EA	48" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	286.28	27.64
		For Dynamic Damper, Add	*45.73*	
		For 3 Hour Rated, Add	*40.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0283	EA	48" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	299.73	30.38
		For Dynamic Damper, Add	*46.89*	
		For 3 Hour Rated, Add	*41.68*	
23 33 13 19-0284	EA	48" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	313.20	33.21
		For Dynamic Damper, Add	*48.05*	
		For 3 Hour Rated, Add	*42.71*	
23 33 13 19-0285	EA	48" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	329.22	35.95
		For Dynamic Damper, Add	*49.79*	
		For 3 Hour Rated, Add	*44.26*	
23 33 13 19-0286	EA	48" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	345.25	38.69
		For Dynamic Damper, Add	*51.53*	
		For 3 Hour Rated, Add	*45.80*	
23 33 13 19-0287	EA	48" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	365.15	41.51
		For Dynamic Damper, Add	*54.14*	
		For 3 Hour Rated, Add	*48.12*	
23 33 13 19-0288	EA	48" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	387.63	44.25
		For Dynamic Damper, Add	*57.33*	
		For 3 Hour Rated, Add	*50.96*	
23 33 13 19-0289	EA	48" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	403.38	45.58
		For Dynamic Damper, Add	*59.94*	
		For 3 Hour Rated, Add	*53.28*	
23 33 13 19-0290	EA	48" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	422.98	46.99
		For Dynamic Damper, Add	*63.42*	
		For 3 Hour Rated, Add	*56.37*	
23 33 13 19-0291	EA	48" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	442.89	49.73
		For Dynamic Damper, Add	*66.03*	
		For 3 Hour Rated, Add	*58.69*	
23 33 13 19-0292	EA	48" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	462.49	51.14
		For Dynamic Damper, Add	*69.50*	
		For 3 Hour Rated, Add	*61.78*	
23 33 13 19-0293	EA	48" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	485.26	55.30
		For Dynamic Damper, Add	*71.82*	
		For 3 Hour Rated, Add	*63.84*	
23 33 13 19-0294	EA	52" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	267.39	23.50
		For Dynamic Damper, Add	*44.28*	
		For 3 Hour Rated, Add	*39.36*	
23 33 13 19-0295	EA	52" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.68	24.90
		For Dynamic Damper, Add	*45.44*	
		For 3 Hour Rated, Add	*40.39*	
23 33 13 19-0296	EA	52" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	290.14	27.64
		For Dynamic Damper, Add	*46.60*	
		For 3 Hour Rated, Add	*41.42*	
23 33 13 19-0297	EA	52" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	299.73	30.38
		For Dynamic Damper, Add	*46.89*	
		For 3 Hour Rated, Add	*41.68*	
23 33 13 19-0298	EA	52" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	313.85	33.21
		For Dynamic Damper, Add	*48.20*	
		For 3 Hour Rated, Add	*42.84*	
23 33 13 19-0299	EA	52" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	327.93	35.95
		For Dynamic Damper, Add	*49.50*	
		For 3 Hour Rated, Add	*44.00*	
23 33 13 19-0300	EA	52" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	343.97	38.69
		For Dynamic Damper, Add	*51.24*	
		For 3 Hour Rated, Add	*45.55*	
23 33 13 19-0301	EA	52" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	360.00	41.51
		For Dynamic Damper, Add	*52.98*	
		For 3 Hour Rated, Add	*47.09*	
23 33 13 19-0302	EA	52" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	379.91	44.25
		For Dynamic Damper, Add	*55.59*	
		For 3 Hour Rated, Add	*49.41*	
23 33 13 19-0303	EA	52" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	403.65	46.99
		For Dynamic Damper, Add	*59.07*	
		For 3 Hour Rated, Add	*52.50*	
23 33 13 19-0304	EA	52" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	420.69	48.40
		For Dynamic Damper, Add	*61.97*	
		For 3 Hour Rated, Add	*55.08*	
23 33 13 19-0305	EA	52" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	441.60	49.73
		For Dynamic Damper, Add	*65.74*	
		For 3 Hour Rated, Add	*58.43*	
23 33 13 19-0306	EA	52" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	465.35	52.55
		For Dynamic Damper, Add	*69.21*	
		For 3 Hour Rated, Add	*61.52*	
23 33 13 19-0307	EA	52" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	485.26	55.30
		For Dynamic Damper, Add	*71.82*	
		For 3 Hour Rated, Add	*63.84*	
23 33 13 19-0308	EA	52" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	513.17	59.44
		For Dynamic Damper, Add	*75.30*	
		For 3 Hour Rated, Add	*66.94*	
23 33 13 19-0309	EA	52" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	534.36	62.18
		For Dynamic Damper, Add	*78.20*	
		For 3 Hour Rated, Add	*69.51*	
23 33 13 19-0310	EA	56" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	274.11	24.90
		For Dynamic Damper, Add	*44.87*	
		For 3 Hour Rated, Add	*39.88*	
23 33 13 19-0311	EA	56" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	288.85	27.64
		For Dynamic Damper, Add	*46.31*	
		For 3 Hour Rated, Add	*41.17*	
23 33 13 19-0312	EA	56" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	301.02	30.38
		For Dynamic Damper, Add	*47.18*	
		For 3 Hour Rated, Add	*41.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0313	EA	56" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	310.61	33.21
		For Dynamic Damper, Add	*47.47*	
		For 3 Hour Rated, Add	*42.20*	
23 33 13 19-0314	EA	56" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	326.00	35.95
		For Dynamic Damper, Add	*49.07*	
		For 3 Hour Rated, Add	*43.62*	
23 33 13 19-0315	EA	56" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	341.39	38.69
		For Dynamic Damper, Add	*50.66*	
		For 3 Hour Rated, Add	*45.03*	
23 33 13 19-0316	EA	56" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	356.78	41.51
		For Dynamic Damper, Add	*52.26*	
		For 3 Hour Rated, Add	*46.45*	
23 33 13 19-0317	EA	56" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	372.17	44.25
		For Dynamic Damper, Add	*53.85*	
		For 3 Hour Rated, Add	*47.87*	
23 33 13 19-0318	EA	56" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	395.92	46.99
		For Dynamic Damper, Add	*57.33*	
		For 3 Hour Rated, Add	*50.96*	
23 33 13 19-0319	EA	56" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	415.55	48.40
		For Dynamic Damper, Add	*60.81*	
		For 3 Hour Rated, Add	*54.05*	
23 33 13 19-0320	EA	56" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	433.87	49.73
		For Dynamic Damper, Add	*64.00*	
		For 3 Hour Rated, Add	*56.89*	
23 33 13 19-0321	EA	56" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	460.21	52.55
		For Dynamic Damper, Add	*68.06*	
		For 3 Hour Rated, Add	*60.49*	
23 33 13 19-0322	EA	56" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	483.97	55.30
		For Dynamic Damper, Add	*71.53*	
		For 3 Hour Rated, Add	*63.59*	
23 33 13 19-0323	EA	56" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	509.02	58.03
		For Dynamic Damper, Add	*75.30*	
		For 3 Hour Rated, Add	*66.94*	
23 33 13 19-0324	EA	56" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	530.22	60.85
		For Dynamic Damper, Add	*78.20*	
		For 3 Hour Rated, Add	*69.51*	
23 33 13 19-0325	EA	56" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	555.27	63.59
		For Dynamic Damper, Add	*81.97*	
		For 3 Hour Rated, Add	*72.86*	
23 33 13 19-0326	EA	56" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	580.32	66.34
		For Dynamic Damper, Add	*85.74*	
		For 3 Hour Rated, Add	*76.21*	
23 33 13 19-0327	EA	60" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	286.28	27.64
		For Dynamic Damper, Add	*45.73*	
		For 3 Hour Rated, Add	*40.65*	
23 33 13 19-0328	EA	60" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	301.02	30.38
		For Dynamic Damper, Add	*47.18*	
		For 3 Hour Rated, Add	*41.94*	
23 33 13 19-0329	EA	60" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	311.90	33.21
		For Dynamic Damper, Add	*47.76*	
		For 3 Hour Rated, Add	*42.45*	
23 33 13 19-0330	EA	60" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	321.49	35.95
		For Dynamic Damper, Add	*48.05*	
		For 3 Hour Rated, Add	*42.71*	
23 33 13 19-0331	EA	60" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	337.53	38.69
		For Dynamic Damper, Add	*49.79*	
		For 3 Hour Rated, Add	*44.26*	
23 33 13 19-0332	EA	60" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	353.55	41.51
		For Dynamic Damper, Add	*51.53*	
		For 3 Hour Rated, Add	*45.80*	
23 33 13 19-0333	EA	60" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	370.24	44.25
		For Dynamic Damper, Add	*53.42*	
		For 3 Hour Rated, Add	*47.48*	
23 33 13 19-0334	EA	60" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	386.90	46.99
		For Dynamic Damper, Add	*55.30*	
		For 3 Hour Rated, Add	*49.15*	
23 33 13 19-0335	EA	60" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	407.81	48.40
		For Dynamic Damper, Add	*59.07*	
		For 3 Hour Rated, Add	*52.50*	
23 33 13 19-0336	EA	60" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	427.42	49.73
		For Dynamic Damper, Add	*62.55*	
		For 3 Hour Rated, Add	*55.60*	
23 33 13 19-0337	EA	60" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	452.48	52.55
		For Dynamic Damper, Add	*66.32*	
		For 3 Hour Rated, Add	*58.95*	
23 33 13 19-0338	EA	60" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	477.53	55.30
		For Dynamic Damper, Add	*70.09*	
		For 3 Hour Rated, Add	*62.30*	
23 33 13 19-0339	EA	60" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	498.71	58.03
		For Dynamic Damper, Add	*72.98*	
		For 3 Hour Rated, Add	*64.87*	
23 33 13 19-0340	EA	60" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	527.63	60.85
		For Dynamic Damper, Add	*77.62*	
		For 3 Hour Rated, Add	*69.00*	
23 33 13 19-0341	EA	60" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	553.97	63.59
		For Dynamic Damper, Add	*81.68*	
		For 3 Hour Rated, Add	*72.60*	
23 33 13 19-0342	EA	60" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	580.32	66.34
		For Dynamic Damper, Add	*85.74*	
		For 3 Hour Rated, Add	*76.21*	

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23 33 13 19-0343	EA	60" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	604.06	69.16
		For Dynamic Damper, Add	*89.21*	
		For 3 Hour Rated, Add	*79.30*	
23 33 13 19-0344	EA	60" x 60" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	627.85	71.89
		For Dynamic Damper, Add	*92.70*	
		For 3 Hour Rated, Add	*82.40*	

23 33 13 29 Barometric Dampers *(23 33 13)*

23 33 13 29-0001	EA	6" x 6" Barometric Damper	115.59	6.64
23 33 13 29-0002	EA	12" x 12" Barometric Damper	165.62	9.13
23 33 13 29-0003	EA	18" x 18" Barometric Damper	227.98	14.11
23 33 13 29-0004	EA	24" x 24" Barometric Damper	300.24	26.56
23 33 13 29-0005	EA	6" Diameter Barometric Damper	65.64	6.64
		For Stainless Steel, Add	*51.84*	
23 33 13 29-0006	EA	7" Diameter Barometric Damper	77.26	7.47
		For Stainless Steel, Add	*61.59*	
23 33 13 29-0007	EA	8" Diameter Barometric Damper	89.68	8.30
		For Stainless Steel, Add	*71.42*	
23 33 13 29-0008	EA	9" Diameter Barometric Damper	106.12	8.30
		For Stainless Steel, Add	*90.48*	
23 33 13 29-0009	EA	10" Diameter Barometric Damper	133.12	9.96
		For Stainless Steel, Add	*123.27*	
23 33 13 29-0010	EA	12" Diameter Barometric Damper	164.98	10.79
		For Stainless Steel, Add	*158.99*	
23 33 13 29-0011	EA	14" Diameter Barometric Damper	202.66	11.62
		For Stainless Steel, Add	*202.76*	
23 33 13 29-0012	EA	15" Diameter Barometric Damper	238.99	12.45
		For Stainless Steel, Add	*243.71*	
23 33 13 29-0013	EA	16" Diameter Barometric Damper	274.22	14.11
		For Stainless Steel, Add	*284.56*	
23 33 13 29-0014	EA	18" Diameter Barometric Damper	352.21	14.94
		For Stainless Steel, Add	*380.19*	
23 33 13 29-0015	EA	20" Diameter Barometric Damper	415.01	16.60
		For Stainless Steel, Add	*455.07*	
23 33 13 29-0016	EA	24" Diameter Barometric Damper	493.29	16.60
		For Stainless Steel, Add	*552.99*	
23 33 13 29-0017	EA	30" Diameter Barometric Damper	602.00	19.09
		For Stainless Steel, Add	*685.49*	
23 33 13 29-0018	EA	36" Diameter Barometric Damper	756.58	19.92
		For Stainless Steel, Add	*881.34*	

23 33 13 33 Splitter Damper Hardware *(23 33 13)*

23 33 13 33-0001	EA	Splitter Damper, Hardware	25.31	5.81

23 33 13 43 Blower Check Valve *(23 33 13)*

23 33 13 43-0001 Blower Check Valves With Silicone Seals *(23 33 13 43)*

23 33 13 43-0002	EA	2-1/2" Blower Check Valves, Silicone Seals	267.94	21.42
23 33 13 43-0003	EA	3" Blower Check Valves, Silicone Seals	298.74	24.41
23 33 13 43-0004	EA	4" Blower Check Valves, Silicone Seals	382.84	32.37
23 33 13 43-0005	EA	5" Blower Check Valves, Silicone Seals	535.34	37.36
23 33 13 43-0006	EA	6" Blower Check Valves, Silicone Seals	597.25	44.83
23 33 13 43-0007	EA	8" Blower Check Valves, Silicone Seals	898.90	56.79

23 33 13 43-0008 Blower Check Valves With Viton Seats *(23 33 13 43)*

23 33 13 43-0009	EA	2-1/2" Blower Check Valves, Viton Seats	377.60	21.42
23 33 13 43-0010	EA	3" Blower Check Valves, Viton Seats	429.07	24.41
23 33 13 43-0011	EA	4" Blower Check Valves, Viton Seats	473.59	32.37
23 33 13 43-0012	EA	5" Blower Check Valves, Viton Seats	671.20	37.36
23 33 13 43-0013	EA	6" Blower Check Valves, Viton Seats	747.23	44.83
23 33 13 43-0014	EA	8" Blower Check Valves, Viton Seats	1,164.20	56.79

23 33 19 Duct Sound Trap *(23 33)*

23 33 19 00-0001 36" Long Packaged Duct Sound Trap *(23 33 19)*

23 33 19 00-0002	EA	12" x 12" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	202.93	34.04
23 33 19 00-0003	EA	12" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	241.46	39.01
23 33 19 00-0004	EA	12" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	303.25	44.82
23 33 19 00-0005	EA	12" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	361.75	50.63
23 33 19 00-0006	EA	24" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	341.02	50.63
23 33 19 00-0007	EA	24" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	417.21	53.12
23 33 19 00-0008	EA	24" x 30" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	456.99	56.44
23 33 19 00-0009	EA	24" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	498.45	59.76
23 33 19 00-0010	EA	24" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	635.28	68.06
23 33 19 00-0011	EA	36" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	420.38	56.44
23 33 19 00-0012	EA	36" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	553.52	68.06
23 33 19 00-0013	EA	36" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	931.82	91.30
23 33 19 00-0014	EA	36" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,022.50	96.29
23 33 19 00-0015	EA	48" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,136.18	103.75
23 33 19 00-0016	EA	48" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,270.30	112.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 19 00-0017		**60" Long Packaged Duct Sound Trap** *(23 33 19)*		
23 33 19 00-0018	EA	12" x 12" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	225.67	74.70
23 33 19 00-0019	EA	12" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	269.40	86.32
23 33 19 00-0020	EA	12" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	339.26	99.60
23 33 19 00-0021	EA	12" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	404.64	112.05
23 33 19 00-0022	EA	24" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	381.07	112.05
23 33 19 00-0023	EA	24" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	468.72	118.69
23 33 19 00-0024	EA	24" x 30" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	511.08	124.50
23 33 19 00-0025	EA	24" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	554.70	131.15
23 33 19 00-0026	EA	24" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	712.02	149.40
23 33 19 00-0027	EA	36" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	469.48	124.50
23 33 19 00-0028	EA	36" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	619.12	149.40
23 33 19 00-0029	EA	36" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,037.97	196.71
23 33 19 00-0030	EA	36" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,153.47	213.31
23 33 19 00-0031	EA	48" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,272.25	226.60
23 33 19 00-0032	EA	48" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,427.07	249.00
23 33 19 00-0033		**84" Long Packaged Duct Sound Trap** *(23 33 19)*		
23 33 19 00-0034	EA	6" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	192.45	62.25
23 33 19 00-0035	EA	6" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	318.48	92.96
23 33 19 00-0036	EA	6" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	449.13	136.12
23 33 19 00-0037	EA	12" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	252.01	74.70
23 33 19 00-0038	EA	12" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	308.23	86.32
23 33 19 00-0039	EA	12" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	403.05	99.60
23 33 19 00-0040	EA	12" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	467.19	107.07
23 33 19 00-0041	EA	12" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	508.57	115.37
23 33 19 00-0042	EA	12" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	623.40	124.50
23 33 19 00-0043	EA	12" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	727.85	136.12
23 33 19 00-0044	EA	24" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	450.33	115.37
23 33 19 00-0045	EA	24" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	605.66	120.35
23 33 19 00-0046	EA	24" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	655.29	124.50
23 33 19 00-0047	EA	24" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	710.00	131.15
23 33 19 00-0048	EA	24" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	871.22	141.11
23 33 19 00-0049	EA	24" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	942.21	149.40
23 33 23		**Duct Turning Vanes** *(23 33)*		
23 33 23 00-0001		**Duct Turning Vane Components** *(23 33 23)*		
23 33 23 00-0002	LF	Duct Turning Vane Rail	5.80	2.07
		For Stainless Steel, Add	*1.94*	
23 33 23 00-0003	LF	Double Thick Factory Fabricated, Duct Turning Vane	3.96	0.83
		For Stainless Steel, Add	*2.91*	
23 33 23 00-0004		**Duct Turning Vane Sets** *(23 33 23)*		
		Note: Measured from inside corner to outside corner of ductwork.		
23 33 23 00-0005	LF	12" High Duct Turning Vanes, Sets	14.17	3.11
		For Stainless Steel, Add	*13.36*	
23 33 23 00-0006	LF	14" High Duct Turning Vanes, Sets	17.15	3.32
		For Stainless Steel, Add	*16.90*	
23 33 23 00-0007	LF	16" High Duct Turning Vanes, Sets	22.59	3.48
		For Stainless Steel, Add	*23.66*	
23 33 23 00-0008	LF	18" High Duct Turning Vanes, Sets	28.07	3.74
		For Stainless Steel, Add	*30.42*	
23 33 23 00-0009	LF	20" High Duct Turning Vanes, Sets	30.98	3.99
		For Stainless Steel, Add	*33.80*	
23 33 23 00-0010	LF	22" High Duct Turning Vanes, Sets	38.47	3.74
		For Stainless Steel, Add	*43.95*	
23 33 23 00-0011	LF	24" High Duct Turning Vanes, Sets	47.15	4.40
		For Stainless Steel, Add	*54.09*	
23 33 23 00-0012	LF	26" High Duct Turning Vanes, Sets	50.49	4.60
		For Stainless Steel, Add	*58.16*	
23 33 23 00-0013	LF	30" High Duct Turning Vanes, Sets	56.07	4.78
		For Stainless Steel, Add	*65.13*	
23 33 33		**Duct-Mounting Access Doors** *(23 33)*		
23 33 33 00-0001		**Duct Access Doors, Insulated Factory Fabrication** *(23 33 33)*		
23 33 33 00-0002	EA	6" x 6" Duct Access Doors Insulated Factory Fabrication	63.83	11.62
		For Stainless Steel, Add	*34.28*	
23 33 33 00-0003	EA	10" x 10" Duct Access Doors Insulated Factory Fabrication	67.43	11.62
		For Stainless Steel, Add	*41.48*	
23 33 33 00-0004	EA	12" x 12" Duct Access Doors Insulated Factory Fabrication	69.19	11.62
		For Stainless Steel, Add	*45.00*	
23 33 33 00-0005	EA	12" x 18" Duct Access Doors Insulated Factory Fabrication	89.19	14.11
		For Stainless Steel, Add	*63.44*	
23 33 33 00-0006	EA	16" x 12" Duct Access Doors Insulated Factory Fabrication	89.91	14.11
		For Stainless Steel, Add	*64.88*	
23 33 33 00-0007	EA	18" x 18" Duct Access Doors Insulated Factory Fabrication	112.03	19.09
		For Stainless Steel, Add	*74.66*	
23 33 33 00-0008	EA	24" x 18" Duct Access Doors Insulated Factory Fabrication	133.58	23.24
		For Stainless Steel, Add	*80.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 33 00-0009	EA	24" x 24" Duct Access Doors Insulated Factory Fabrication	173.86	31.54
		For Stainless Steel, Add	*98.72*	

23 33 43 Flexible Duct Connectors *(23 33)*

23 33 43 00-0001	LF	Flex Duct Connector, Fabric/Sheet Metal	9.68	2.49
23 33 43 00-0002	LF	Flex Duct Connector, Rubber Vinyl	9.45	2.25

23 33 46 Flexible Ducts *(23 33)*

23 33 46 00-0001 Factory Fabricated Preinsulated Flexible Duct *(23 33 46)*

23 33 46 00-0002	LF	Up To 4" Diameter Flexible Duct, Factory Fabricated, Preinsulated	5.80	0.83
23 33 46 00-0003	LF	5" Diameter Flexible Duct, Factory Fabricated, Preinsulated	6.47	1.66
23 33 46 00-0004	LF	6" Diameter Flexible Duct, Factory Fabricated, Preinsulated	7.55	1.66
23 33 46 00-0005	LF	7" Diameter Flexible Duct, Factory Fabricated, Preinsulated	8.77	1.66
23 33 46 00-0006	LF	8" Diameter Flexible Duct, Factory Fabricated, Preinsulated	10.46	2.49
23 33 46 00-0007	LF	10" Diameter Flexible Duct, Factory Fabricated, Preinsulated	13.23	2.49
23 33 46 00-0008	LF	12" Diameter Flexible Duct, Factory Fabricated, Preinsulated	17.81	3.32
23 33 46 00-0009	LF	14" Diameter Flexible Duct, Factory Fabricated, Preinsulated	21.74	3.32
23 33 46 00-0010	LF	16" Diameter Flexible Duct, Factory Fabricated, Preinsulated	27.86	4.15

23 33 46 00-0011 Collars, Sheet Metal Spin-In Type With Damper *(23 33 46)*

23 33 46 00-0012	EA	Up To 4" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	34.88	4.98
		For Stainless Steel, Add	*21.06*	
23 33 46 00-0013	EA	5" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	37.76	5.81
		For Stainless Steel, Add	*21.33*	
23 33 46 00-0014	EA	6" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	43.00	5.81
		For Stainless Steel, Add	*23.53*	
23 33 46 00-0015	EA	7" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	48.55	7.47
		For Stainless Steel, Add	*24.27*	
23 33 46 00-0016	EA	8" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	58.44	9.13
		For Stainless Steel, Add	*27.42*	
23 33 46 00-0017	EA	10" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	68.68	10.79
		For Stainless Steel, Add	*33.80*	
23 33 46 00-0018	EA	12" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	77.82	12.45
		For Stainless Steel, Add	*36.43*	
23 33 46 00-0019	EA	14" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	92.35	14.11
		For Stainless Steel, Add	*45.60*	
23 33 46 00-0020	EA	16" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	100.63	15.77
		For Stainless Steel, Add	*49.89*	

23 33 53 Duct Liners *(23 33)*

23 33 53 00-0001 Fiberglass Duct Liner Board, Rigid, Acoustical Insulation *(23 33 53)*

23 33 53 00-0002	SF	1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	9.99	2.81
23 33 53 00-0003	SF	3/4" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	10.96	2.81
23 33 53 00-0004	SF	1" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	11.97	3.74
23 33 53 00-0005	SF	1-1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	14.48	3.74
23 33 53 00-0006	SF	2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	17.37	4.20
23 33 53 00-0007	SF	1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	8.02	2.49
23 33 53 00-0008	SF	3/4" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	8.81	2.49
23 33 53 00-0009	SF	1" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	9.65	3.32
23 33 53 00-0010	SF	1-1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	11.57	3.32
23 33 53 00-0011	SF	2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	13.90	3.74

23 33 53 00-0012 Fiberglass Duct Liner Blanket, Flexible, Acoustical Insulation *(23 33 53)*

23 33 53 00-0013	SF	1/2" 2 LB/CF, Fiberglass Duct Liner Blanket	2.87	1.22
23 33 53 00-0014	SF	1" 2 LB/CF, Fiberglass Duct Liner Blanket	3.10	1.22
23 33 53 00-0015	SF	1" 1.5 LB/CF, Fiberglass Duct Liner Blanket	3.04	1.22
23 33 53 00-0016	SF	1-1/2" 1.5 LB/CF, Fiberglass Duct Liner Blanket	3.69	1.50
23 33 53 00-0017	SF	2" 1.5 LB/CF, Fiberglass Duct Liner Blanket	4.40	1.68

23 33 56 Duct Air Extractors *(23 33)*

23 33 56 00-0001	EA	12" x 4" Duct Air Extractor	48.37	13.69
		For Stainless Steel, Add	*27.27*	
23 33 56 00-0002	EA	8" x 6" Duct Air Extractor	50.86	14.94
		For Stainless Steel, Add	*27.27*	
23 33 56 00-0003	EA	12" x 6" Duct Air Extractor	60.57	15.77
		For Stainless Steel, Add	*37.74*	
23 33 56 00-0004	EA	16" x 6" Duct Air Extractor	70.03	16.60
		For Stainless Steel, Add	*47.88*	
23 33 56 00-0005	EA	24" x 6" Duct Air Extractor	97.32	18.26
		For Stainless Steel, Add	*79.04*	
23 33 56 00-0006	EA	12" x 8" Duct Air Extractor	65.74	16.60
		For Stainless Steel, Add	*42.30*	
23 33 56 00-0007	EA	20" x 8" Duct Air Extractor	88.60	20.75
		For Stainless Steel, Add	*61.23*	
23 33 56 00-0008	EA	18" x 10" Duct Air Extractor	93.56	23.65
		For Stainless Steel, Add	*60.13*	
23 33 56 00-0009	EA	24" x 10" Duct Air Extractor	115.55	27.79
		For Stainless Steel, Add	*77.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 56 00-0010	EA	24" x 12" Duct Air Extractor	130.63	33.20
		For Stainless Steel, Add	*83.50*	
23 33 56 00-0011	EA	30" x 12" Duct Air Extractor	163.50	41.50
		For Stainless Steel, Add	*104.65*	

23 33 59 Duct Pressure Relief Doors *(23 33)*

23 33 59 00-0001 Duct Pressure Relief Doors *(23 33 59)*

23 33 59 00-0002	EA	18" x 18" Duct Pressure Relief Door (Ruskin PRD18)	619.60	24.90
23 33 59 00-0003	EA	24" x 10" Duct Pressure Relief Door (Ruskin PRD18)	509.40	20.75
23 33 59 00-0004	EA	24" x 12" Duct Pressure Relief Door (Ruskin PRD18)	507.30	22.83

23 34 HVAC Fans *(23 30)*

23 34 13 Axial HVAC Fans *(23 34)*

23 34 13 00-0001 Tube-Axial Fans *(23 34 13)*

23 34 13 00-0002 Direct Drive Tube-Axial Duct Fans, Constant Speed *(23 34 13 00-0001)*

Note: 1/8" static pressure.

23 34 13 00-0003	EA	12" Direct Drive Axial Flow Fan, 1/6 HP 1060 CFM Constant Speed, 1/8" Static Pressure	1,050.31	254.54
		For 1/4" Static Pressure, Add	*43.26*	
		For 3/8" Static Pressure, Add	*86.52*	
		For 1/2" Static Pressure, Add	*118.96*	
23 34 13 00-0004	EA	12" Direct Drive Axial Flow Fan, 1/2 HP 2095 CFM Constant Speed, 1/8" Static Pressure	1,088.94	255.31
		For 1/4" Static Pressure, Add	*46.35*	
		For 3/8" Static Pressure, Add	*92.70*	
		For 1/2" Static Pressure, Add	*127.46*	
23 34 13 00-0005	EA	16" Direct Drive Axial Flow Fan, 1/3 HP 2490 CFM Constant Speed, 1/8" Static Pressure	1,166.18	254.54
		For 1/4" Static Pressure, Add	*52.53*	
		For 3/8" Static Pressure, Add	*105.05*	
		For 1/2" Static Pressure, Add	*144.45*	
23 34 13 00-0006	EA	20" Direct Drive Axial Flow Fan, 3/4 HP 4130 CFM Constant Speed, 1/8" Static Pressure	1,243.43	255.31
		For 1/4" Static Pressure, Add	*58.71*	
		For 3/8" Static Pressure, Add	*117.41*	
		For 1/2" Static Pressure, Add	*161.44*	
23 34 13 00-0007	EA	22" Direct Drive Axial Flow Fan, 3/4 HP 4700 CFM Constant Speed, 1/8" Static Pressure	1,461.22	305.76
		For 1/4" Static Pressure, Add	*67.98*	
		For 3/8" Static Pressure, Add	*135.95*	
		For 1/2" Static Pressure, Add	*186.94*	
23 34 13 00-0008	EA	24" Direct Drive Axial Flow Fan, 1 HP 5850 CFM Constant Speed, 1/8" Static Pressure	1,668.89	332.51
		For 1/4" Static Pressure, Add	*80.34*	
		For 3/8" Static Pressure, Add	*160.67*	
		For 1/2" Static Pressure, Add	*220.92*	
23 34 13 00-0009	EA	24" Direct Drive Axial Flow Fan, 1-1/2 HP 7925 CFM Constant Speed, 1/8" Static Pressure	1,770.81	363.85
		For 1/4" Static Pressure, Add	*83.43*	
		For 3/8" Static Pressure, Add	*166.85*	
		For 1/2" Static Pressure, Add	*229.42*	
23 34 13 00-0010	EA	30" Direct Drive Axial Flow Fan, 1 HP 10640 CFM Constant Speed, 1/8" Static Pressure	2,000.32	382.19
		For 1/4" Static Pressure, Add	*98.88*	
		For 3/8" Static Pressure, Add	*197.75*	
		For 1/2" Static Pressure, Add	*271.91*	
23 34 13 00-0011	EA	30" Direct Drive Axial Flow Fan, 2-1/2 HP 14765 CFM Constant Speed, 1/8" Static Pressure	2,423.17	477.74
		For 1/4" Static Pressure, Add	*117.41*	
		For 3/8" Static Pressure, Add	*234.83*	
		For 1/2" Static Pressure, Add	*322.89*	
23 34 13 00-0012	EA	36" Direct Drive Axial Flow Fan, 2 HP 16780 CFM Constant Speed, 1/8" Static Pressure	2,718.60	509.84
		For 1/4" Static Pressure, Add	*135.95*	
		For 3/8" Static Pressure, Add	*271.91*	
		For 1/2" Static Pressure, Add	*373.87*	
23 34 13 00-0013	EA	36" Direct Drive Axial Flow Fan, 5 HP 22920 CFM Constant Speed, 1/8" Static Pressure	3,184.38	587.81
		For 1/4" Static Pressure, Add	*160.67*	
		For 3/8" Static Pressure, Add	*321.34*	
		For 1/2" Static Pressure, Add	*441.85*	

23 34 13 00-0014 Belt Drive Fan At 1/8" static pressure *(23 34 13 00-0001)*

23 34 13 00-0015	EA	15" Belt Drive Axial Flow Fan, 1/3 HP 2800 CFM Constant Speed, 1/8" Static Pressure	999.02	246.90
		For 1/4" Static Pressure, Add	*40.47*	
		For 3/8" Static Pressure, Add	*80.94*	
		For 1/2" Static Pressure, Add	*111.29*	
23 34 13 00-0016	EA	15" Belt Drive Axial Flow Fan, 1/2 HP 3400 CFM Constant Speed, 1/8" Static Pressure	1,055.39	255.31
		For 1/4" Static Pressure, Add	*43.66*	
		For 3/8" Static Pressure, Add	*87.33*	
		For 1/2" Static Pressure, Add	*120.08*	
23 34 13 00-0017	EA	18" Belt Drive Axial Flow Fan, 1/3 HP 3280 CFM Constant Speed, 1/8" Static Pressure	1,090.72	263.71
		For 1/4" Static Pressure, Add	*45.08*	
		For 3/8" Static Pressure, Add	*90.17*	
		For 1/2" Static Pressure, Add	*123.98*	
23 34 13 00-0018	EA	18" Belt Drive Axial Flow Fan, 1/2 HP 3900 CFM Constant Speed, 1/8" Static Pressure	1,150.96	272.89
		For 1/4" Static Pressure, Add	*48.40*	
		For 3/8" Static Pressure, Add	*96.80*	
		For 1/2" Static Pressure, Add	*133.09*	
23 34 13 00-0019	EA	18" Belt Drive Axial Flow Fan, 1 HP 5250 CFM Constant Speed, 1/8" Static Pressure	1,283.59	283.58
		For 1/4" Static Pressure, Add	*57.39*	
		For 3/8" Static Pressure, Add	*114.78*	
		For 1/2" Static Pressure, Add	*157.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 13 00-0020	EA	24" Belt Drive Axial Flow Fan, 1/2 HP 4800 CFM Constant Speed, 1/8" Static Pressure	1,351.23	294.29
		For 1/4" Static Pressure, Add	*61.06*	
		For 3/8" Static Pressure, Add	*122.12*	
		For 1/2" Static Pressure, Add	*167.91*	
23 34 13 00-0021	EA	24" Belt Drive Axial Flow Fan, 1 HP 6430 CFM Constant Speed, 1/8" Static Pressure	1,498.99	305.76
		For 1/4" Static Pressure, Add	*71.00*	
		For 3/8" Static Pressure, Add	*142.00*	
		For 1/2" Static Pressure, Add	*195.25*	
23 34 13 00-0022	EA	24" Belt Drive Axial Flow Fan, 2 HP 8860 CFM Constant Speed, 1/8" Static Pressure	1,667.94	305.76
		For 1/4" Static Pressure, Add	*84.59*	
		For 3/8" Static Pressure, Add	*169.19*	
		For 1/2" Static Pressure, Add	*232.63*	
23 34 13 00-0023	EA	30" Belt Drive Axial Flow Fan, 1 HP 9250 CFM Constant Speed, 1/8" Static Pressure	1,920.80	332.51
		For 1/4" Static Pressure, Add	*100.58*	
		For 3/8" Static Pressure, Add	*201.16*	
		For 1/2" Static Pressure, Add	*276.60*	
23 34 13 00-0024	EA	30" Belt Drive Axial Flow Fan, 5 HP 16900 CFM Constant Speed, 1/8" Static Pressure	2,282.07	402.83
		For 1/4" Static Pressure, Add	*118.33*	
		For 3/8" Static Pressure, Add	*236.66*	
		For 1/2" Static Pressure, Add	*325.41*	
23 34 13 00-0025	EA	30" Belt Drive Axial Flow Fan, 5 HP 16150 CFM Constant Speed, 1/8" Static Pressure	2,568.67	402.83
		For 1/4" Static Pressure, Add	*140.99*	
		For 3/8" Static Pressure, Add	*281.98*	
		For 1/2" Static Pressure, Add	*387.72*	
23 34 13 00-0026	EA	36" Belt Drive Axial Flow Fan, 3/4 HP 8090 CFM Constant Speed, 1/8" Static Pressure	2,817.12	425.00
		For 1/4" Static Pressure, Add	*157.42*	
		For 3/8" Static Pressure, Add	*314.85*	
		For 1/2" Static Pressure, Add	*432.92*	
23 34 13 00-0027	EA	36" Belt Drive Axial Flow Fan, 2 HP 14475 CFM Constant Speed, 1/8" Static Pressure	3,068.53	449.46
		For 1/4" Static Pressure, Add	*173.71*	
		For 3/8" Static Pressure, Add	*347.42*	
		For 1/2" Static Pressure, Add	*477.70*	
23 34 13 00-0028	EA	36" Belt Drive Axial Flow Fan, 7-1/2 HP 14475 CFM Constant Speed, 1/8" Static Pressure	3,539.01	587.81
		For 1/4" Static Pressure, Add	*189.33*	
		For 3/8" Static Pressure, Add	*378.66*	
		For 1/2" Static Pressure, Add	*520.66*	
23 34 13 00-0029	EA	36" Belt Drive Axial Flow Fan, 5 HP 20080 CFM Constant Speed, 1/8" Static Pressure	3,992.14	588.57
		For 1/4" Static Pressure, Add	*225.58*	
		For 3/8" Static Pressure, Add	*451.16*	
		For 1/2" Static Pressure, Add	*620.35*	
23 34 13 00-0030	EA	42" Belt Drive Axial Flow Fan, 7-1/2 HP 29000 CFM Constant Speed, 1/8" Static Pressure	4,526.55	694.68
		For 1/4" Static Pressure, Add	*251.34*	
		For 3/8" Static Pressure, Add	*502.69*	
		For 1/2" Static Pressure, Add	*691.19*	

23 34 16 Centrifugal HVAC Fans *(23 34)*

23 34 16 00-0001 Centrifugal Fans *(23 34 16)*
Note: All belt fans to be supplied with belt guard.

23 34 16 00-0002 Utility Backward Inclined Steel Wheel Centrifugal Fans *(23 34 16 00-0001)*
Note: V-belt driven.

23 34 16 00-0003 Industrial Type Utility Backward Centrifugal Fans *(23 34 16 00-0002)*
Note: Under 30" diameter wheel.

23 34 16 00-0004 12-1/4" Diameter Wheel 650 To 2950 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0005	EA	1/6 HP Centrifugal Fan, 12-1/4" Wheel, 450-1750 CFM At 1/8" Static Pressure	887.85	167.93
		For 1/4" Static Pressure, Add	*63.31*	
		For 3/8" Static Pressure, Add	*94.96*	
		For 1/2" Static Pressure, Add	*126.61*	
23 34 16 00-0006	EA	1/4 HP Centrifugal Fan, 12-1/4" Wheel, 650-2950 CFM At 1/8" Static Pressure	1,277.50	174.28
		For 1/4" Static Pressure, Add	*101.39*	
		For 3/8" Static Pressure, Add	*152.09*	
		For 1/2" Static Pressure, Add	*202.78*	
23 34 16 00-0007	EA	1/3 HP Centrifugal Fan, 12-1/4" Wheel, 650-2950 CFM At 1/8" Static Pressure	1,314.26	138.89
		For 1/4" Static Pressure, Add	*103.65*	
		For 3/8" Static Pressure, Add	*155.48*	
		For 1/2" Static Pressure, Add	*207.30*	
23 34 16 00-0008	EA	1/2 HP Centrifugal Fan, 12-1/4" Wheel, 650-2950 CFM At 1/8" Static Pressure	1,372.59	190.34
		For 1/4" Static Pressure, Add	*108.44*	
		For 3/8" Static Pressure, Add	*162.65*	
		For 1/2" Static Pressure, Add	*216.87*	
23 34 16 00-0009	EA	3/4 HP Centrifugal Fan, 12-1/4" Wheel, 650-2950 CFM At 1/8" Static Pressure	1,405.83	201.80
		For 1/4" Static Pressure, Add	*110.01*	
		For 3/8" Static Pressure, Add	*165.01*	
		For 1/2" Static Pressure, Add	*220.01*	
23 34 16 00-0010	EA	1 HP Centrifugal Fan, 12-1/4" Wheel, 650-2950 CFM At 1/8" Static Pressure	1,450.69	210.21
		For 1/4" Static Pressure, Add	*113.22*	
		For 3/8" Static Pressure, Add	*169.83*	
		For 1/2" Static Pressure, Add	*226.44*	
23 34 16 00-0011	EA	1-1/2 HP Centrifugal Fan, 12-1/4" Wheel, 650-2950 CFM At 1/8" Static Pressure	1,495.53	223.97
		For 1/4" Static Pressure, Add	*115.61*	
		For 3/8" Static Pressure, Add	*173.42*	
		For 1/2" Static Pressure, Add	*231.22*	

23 34 16 00-0012 13-1/2" Diameter Wheel 734 To 3343 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0013	EA	1/4 HP Centrifugal Fan, 13-1/2" Wheel, 734-3343 CFM At 1/8" Static Pressure	1,473.94	183.46
		For 1/4" Static Pressure, Add	*119.60*	
		For 3/8" Static Pressure, Add	*179.40*	
		For 1/2" Static Pressure, Add	*239.20*	
23 34 16 00-0014	EA	1/3 HP Centrifugal Fan, 13-1/2" Wheel, 734-3343 CFM At 1/8" Static Pressure	1,500.38	190.34
		For 1/4" Static Pressure, Add	*121.19*	
		For 3/8" Static Pressure, Add	*181.79*	
		For 1/2" Static Pressure, Add	*242.39*	
23 34 16 00-0015	EA	1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734-3343 CFM At 1/8" Static Pressure	1,549.58	201.80
		For 1/4" Static Pressure, Add	*124.38*	
		For 3/8" Static Pressure, Add	*186.57*	
		For 1/2" Static Pressure, Add	*248.76*	
23 34 16 00-0016	EA	3/4 HP Centrifugal Fan, 13-1/2" Wheel, 734-3343 CFM At 1/8" Static Pressure	1,578.26	210.21
		For 1/4" Static Pressure, Add	*125.98*	
		For 3/8" Static Pressure, Add	*188.96*	
		For 1/2" Static Pressure, Add	*251.95*	
23 34 16 00-0017	EA	1 HP Centrifugal Fan, 13-1/2" Wheel, 734-3343 CFM At 1/8" Static Pressure	1,631.38	223.97
		For 1/4" Static Pressure, Add	*129.17*	
		For 3/8" Static Pressure, Add	*193.75*	
		For 1/2" Static Pressure, Add	*258.33*	
23 34 16 00-0018	EA	1-1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734-3343 CFM At 1/8" Static Pressure	1,684.40	234.67
		For 1/4" Static Pressure, Add	*132.89*	
		For 3/8" Static Pressure, Add	*199.33*	
		For 1/2" Static Pressure, Add	*265.77*	

23 34 16 00-0019 15" Diameter Wheel 1258 To 4146 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0020	EA	1/4 HP Centrifugal Fan, 15" Wheel, 1258-4146 CFM At 1/8" Static Pressure	1,484.43	190.34
		For 1/4" Static Pressure, Add	*119.60*	
		For 3/8" Static Pressure, Add	*179.40*	
		For 1/2" Static Pressure, Add	*239.20*	
23 34 16 00-0021	EA	1/3 HP Centrifugal Fan, 15" Wheel, 1258-4146 CFM At 1/8" Static Pressure	1,517.69	201.80
		For 1/4" Static Pressure, Add	*121.19*	
		For 3/8" Static Pressure, Add	*181.79*	
		For 1/2" Static Pressure, Add	*242.39*	
23 34 16 00-0022	EA	1/2 HP Centrifugal Fan, 15" Wheel, 1258-4146 CFM At 1/8" Static Pressure	1,562.32	210.21
		For 1/4" Static Pressure, Add	*124.38*	
		For 3/8" Static Pressure, Add	*186.57*	
		For 1/2" Static Pressure, Add	*248.76*	
23 34 16 00-0023	EA	3/4 HP Centrifugal Fan, 15" Wheel, 1258-4146 CFM At 1/8" Static Pressure	1,599.48	223.97
		For 1/4" Static Pressure, Add	*125.98*	
		For 3/8" Static Pressure, Add	*188.96*	
		For 1/2" Static Pressure, Add	*251.95*	
23 34 16 00-0024	EA	1 HP Centrifugal Fan, 15" Wheel, 1258-4146 CFM At 1/8" Static Pressure	1,647.19	234.67
		For 1/4" Static Pressure, Add	*129.17*	
		For 3/8" Static Pressure, Add	*193.75*	
		For 1/2" Static Pressure, Add	*258.33*	
23 34 16 00-0025	EA	1-1/2 HP Centrifugal Fan, 15" Wheel, 1258-4146 CFM At 1/8" Static Pressure	1,713.71	252.25
		For 1/4" Static Pressure, Add	*133.15*	
		For 3/8" Static Pressure, Add	*199.73*	
		For 1/2" Static Pressure, Add	*266.30*	
23 34 16 00-0026	EA	2 HP Centrifugal Fan, 15" Wheel, 1258-4146 CFM At 1/8" Static Pressure	1,765.72	265.24
		For 1/4" Static Pressure, Add	*136.34*	
		For 3/8" Static Pressure, Add	*204.51*	
		For 1/2" Static Pressure, Add	*272.68*	

23 34 16 00-0027 16-1/2" Diameter Wheel 977 To 4711 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0028	EA	1/4 HP Centrifugal Fan, 16-1/2" Wheel, 977-4711 CFM At 1/8" Static Pressure	1,701.07	201.80
		For 1/4" Static Pressure, Add	*139.53*	
		For 3/8" Static Pressure, Add	*209.30*	
		For 1/2" Static Pressure, Add	*279.06*	
23 34 16 00-0029	EA	1/3 HP Centrifugal Fan, 16-1/2" Wheel, 977-4711 CFM At 1/8" Static Pressure	1,762.27	210.21
		For 1/4" Static Pressure, Add	*144.38*	
		For 3/8" Static Pressure, Add	*216.57*	
		For 1/2" Static Pressure, Add	*288.75*	
23 34 16 00-0030	EA	1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977-4711 CFM At 1/8" Static Pressure	1,829.74	223.97
		For 1/4" Static Pressure, Add	*149.00*	
		For 3/8" Static Pressure, Add	*223.50*	
		For 1/2" Static Pressure, Add	*298.00*	
23 34 16 00-0031	EA	3/4 HP Centrifugal Fan, 16-1/2" Wheel, 977-4711 CFM At 1/8" Static Pressure	1,865.06	234.67
		For 1/4" Static Pressure, Add	*150.95*	
		For 3/8" Static Pressure, Add	*226.43*	
		For 1/2" Static Pressure, Add	*301.91*	
23 34 16 00-0032	EA	1 HP Centrifugal Fan, 16-1/2" Wheel, 977-4711 CFM At 1/8" Static Pressure	1,911.24	252.25
		For 1/4" Static Pressure, Add	*152.91*	
		For 3/8" Static Pressure, Add	*229.36*	
		For 1/2" Static Pressure, Add	*305.81*	
23 34 16 00-0033	EA	1-1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977-4711 CFM At 1/8" Static Pressure	1,950.87	265.24
		For 1/4" Static Pressure, Add	*154.86*	
		For 3/8" Static Pressure, Add	*232.28*	
		For 1/2" Static Pressure, Add	*309.71*	
23 34 16 00-0034	EA	2 HP Centrifugal Fan, 16-1/2" Wheel, 977-4711 CFM At 1/8" Static Pressure	2,166.98	288.18
		For 1/4" Static Pressure, Add	*173.02*	
		For 3/8" Static Pressure, Add	*259.53*	
		For 1/2" Static Pressure, Add	*346.04*	

23 34 16 00-0035 18-1/4" Diameter Wheel 2193 To 6498 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0036	EA	1/4 HP Centrifugal Fan, 18-1/4" Wheel, 2193-6498 CFM At 1/8" Static Pressure	1,757.66	210.21
		For 1/4" Static Pressure, Add	*143.92*	
		For 3/8" Static Pressure, Add	*215.87*	
		For 1/2" Static Pressure, Add	*287.83*	
23 34 16 00-0037	EA	1/3 HP Centrifugal Fan, 18-1/4" Wheel, 2193-6498 CFM At 1/8" Static Pressure	1,798.81	223.97
		For 1/4" Static Pressure, Add	*145.91*	
		For 3/8" Static Pressure, Add	*218.86*	
		For 1/2" Static Pressure, Add	*291.82*	
23 34 16 00-0038	EA	1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2193-6498 CFM At 1/8" Static Pressure	1,854.50	234.67
		For 1/4" Static Pressure, Add	*149.90*	
		For 3/8" Static Pressure, Add	*224.85*	
		For 1/2" Static Pressure, Add	*299.79*	
23 34 16 00-0039	EA	3/4 HP Centrifugal Fan, 18-1/4" Wheel, 2193-6498 CFM At 1/8" Static Pressure	1,897.10	252.25
		For 1/4" Static Pressure, Add	*151.49*	
		For 3/8" Static Pressure, Add	*227.24*	
		For 1/2" Static Pressure, Add	*302.98*	
23 34 16 00-0040	EA	1 HP Centrifugal Fan, 18-1/4" Wheel, 2193-6498 CFM At 1/8" Static Pressure	1,957.08	265.24
		For 1/4" Static Pressure, Add	*155.48*	
		For 3/8" Static Pressure, Add	*233.22*	
		For 1/2" Static Pressure, Add	*310.95*	
23 34 16 00-0041	EA	1-1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2193-6498 CFM At 1/8" Static Pressure	2,047.38	288.18
		For 1/4" Static Pressure, Add	*161.06*	
		For 3/8" Static Pressure, Add	*241.59*	
		For 1/2" Static Pressure, Add	*322.12*	
23 34 16 00-0042	EA	2 HP Centrifugal Fan, 18-1/4" Wheel, 2193-6498 CFM At 1/8" Static Pressure	2,105.74	305.76
		For 1/4" Static Pressure, Add	*164.25*	
		For 3/8" Static Pressure, Add	*246.37*	
		For 1/2" Static Pressure, Add	*328.50*	
23 34 16 00-0043	EA	3 HP Centrifugal Fan, 18-1/4" Wheel, 2193-6498 CFM At 1/8" Static Pressure	2,192.39	336.33
		For 1/4" Static Pressure, Add	*168.28*	
		For 3/8" Static Pressure, Add	*252.42*	
		For 1/2" Static Pressure, Add	*336.56*	

23 34 16 00-0044 20" Diameter Wheel 2412 To 7364 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0045	EA	1/4 HP Centrifugal Fan, 20" Wheel, 2412-7364 CFM At 1/8" Static Pressure	1,774.90	223.97
		For 1/4" Static Pressure, Add	*143.52*	
		For 3/8" Static Pressure, Add	*215.28*	
		For 1/2" Static Pressure, Add	*287.04*	
23 34 16 00-0046	EA	1/3 HP Centrifugal Fan, 20" Wheel, 2412-7364 CFM At 1/8" Static Pressure	1,830.57	234.67
		For 1/4" Static Pressure, Add	*147.50*	
		For 3/8" Static Pressure, Add	*221.26*	
		For 1/2" Static Pressure, Add	*295.01*	
23 34 16 00-0047	EA	1/2 HP Centrifugal Fan, 20" Wheel, 2412-7364 CFM At 1/8" Static Pressure	1,897.10	252.25
		For 1/4" Static Pressure, Add	*151.49*	
		For 3/8" Static Pressure, Add	*227.24*	
		For 1/2" Static Pressure, Add	*302.98*	
23 34 16 00-0048	EA	3/4 HP Centrifugal Fan, 20" Wheel, 2412-7364 CFM At 1/8" Static Pressure	1,957.08	265.24
		For 1/4" Static Pressure, Add	*155.48*	
		For 3/8" Static Pressure, Add	*233.22*	
		For 1/2" Static Pressure, Add	*310.95*	
23 34 16 00-0049	EA	1 HP Centrifugal Fan, 20" Wheel, 2412-7364 CFM At 1/8" Static Pressure	2,071.30	288.18
		For 1/4" Static Pressure, Add	*163.45*	
		For 3/8" Static Pressure, Add	*245.18*	
		For 1/2" Static Pressure, Add	*326.90*	
23 34 16 00-0050	EA	1-1/2 HP Centrifugal Fan, 20" Wheel, 2412-7364 CFM At 1/8" Static Pressure	2,232.17	305.76
		For 1/4" Static Pressure, Add	*176.89*	
		For 3/8" Static Pressure, Add	*265.34*	
		For 1/2" Static Pressure, Add	*353.78*	
23 34 16 00-0051	EA	2 HP Centrifugal Fan, 20" Wheel, 2412-7364 CFM At 1/8" Static Pressure	2,343.43	336.33
		For 1/4" Static Pressure, Add	*183.38*	
		For 3/8" Static Pressure, Add	*275.08*	
		For 1/2" Static Pressure, Add	*366.77*	
23 34 16 00-0052	EA	3 HP Centrifugal Fan, 20" Wheel, 2412-7364 CFM At 1/8" Static Pressure	2,459.57	360.03
		For 1/4" Static Pressure, Add	*191.36*	
		For 3/8" Static Pressure, Add	*287.04*	
		For 1/2" Static Pressure, Add	*382.72*	

23 34 16 00-0053 22-1/4" Diameter Wheel 2265 To 8483 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0054	EA	1/4 HP Centrifugal Fan, 22-1/4" Wheel, 2265-8483 CFM At 1/8" Static Pressure	2,136.21	234.67
		For 1/4" Static Pressure, Add	*178.07*	
		For 3/8" Static Pressure, Add	*267.10*	
		For 1/2" Static Pressure, Add	*356.14*	
23 34 16 00-0055	EA	1/3 HP Centrifugal Fan, 22-1/4" Wheel, 2265-8483 CFM At 1/8" Static Pressure	2,175.08	252.25
		For 1/4" Static Pressure, Add	*179.29*	
		For 3/8" Static Pressure, Add	*268.93*	
		For 1/2" Static Pressure, Add	*358.58*	
23 34 16 00-0056	EA	1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2265-8483 CFM At 1/8" Static Pressure	2,229.50	265.24
		For 1/4" Static Pressure, Add	*182.72*	
		For 3/8" Static Pressure, Add	*274.08*	
		For 1/2" Static Pressure, Add	*365.44*	
23 34 16 00-0057	EA	3/4 HP Centrifugal Fan, 22-1/4" Wheel, 2265-8483 CFM At 1/8" Static Pressure	2,297.21	288.18
		For 1/4" Static Pressure, Add	*186.04*	
		For 3/8" Static Pressure, Add	*279.06*	
		For 1/2" Static Pressure, Add	*372.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0058	EA	1 HP Centrifugal Fan, 22-1/4" Wheel, 2265-8483 CFM At 1/8" Static Pressure	2,388.11	305.76
		For 1/4" Static Pressure, Add	*192.49*	
		For 3/8" Static Pressure, Add	*288.73*	
		For 1/2" Static Pressure, Add	*384.97*	
23 34 16 00-0059	EA	1-1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2265-8483 CFM At 1/8" Static Pressure	2,416.51	336.33
		For 1/4" Static Pressure, Add	*190.69*	
		For 3/8" Static Pressure, Add	*286.04*	
		For 1/2" Static Pressure, Add	*381.38*	
23 34 16 00-0060	EA	2 HP Centrifugal Fan, 22-1/4" Wheel, 2265-8483 CFM At 1/8" Static Pressure	2,475.51	360.03
		For 1/4" Static Pressure, Add	*192.95*	
		For 3/8" Static Pressure, Add	*289.43*	
		For 1/2" Static Pressure, Add	*385.90*	
23 34 16 00-0061	EA	3 HP Centrifugal Fan, 22-1/4" Wheel, 2265-8483 CFM At 1/8" Static Pressure	2,580.89	403.60
		For 1/4" Static Pressure, Add	*196.94*	
		For 3/8" Static Pressure, Add	*295.41*	
		For 1/2" Static Pressure, Add	*393.88*	

23 34 16 00-0062 24-1/2" Diameter Wheel 3055 To 11380 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0063	EA	1/4 HP Centrifugal Fan, 24-1/2" Wheel, 3055-11380 CFM At 1/8" Static Pressure	2,572.17	252.25
		For 1/4" Static Pressure, Add	*219.00*	
		For 3/8" Static Pressure, Add	*328.50*	
		For 1/2" Static Pressure, Add	*438.00*	
23 34 16 00-0064	EA	1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3055-11380 CFM At 1/8" Static Pressure	2,653.34	288.18
		For 1/4" Static Pressure, Add	*221.66*	
		For 3/8" Static Pressure, Add	*332.48*	
		For 1/2" Static Pressure, Add	*443.31*	
23 34 16 00-0065	EA	3/4 HP Centrifugal Fan, 24-1/2" Wheel, 3055-11380 CFM At 1/8" Static Pressure	2,735.63	305.76
		For 1/4" Static Pressure, Add	*227.24*	
		For 3/8" Static Pressure, Add	*340.86*	
		For 1/2" Static Pressure, Add	*454.47*	
23 34 16 00-0066	EA	1 HP Centrifugal Fan, 24-1/2" Wheel, 3055-11380 CFM At 1/8" Static Pressure	2,821.82	336.33
		For 1/4" Static Pressure, Add	*231.22*	
		For 3/8" Static Pressure, Add	*346.83*	
		For 1/2" Static Pressure, Add	*462.45*	
23 34 16 00-0067	EA	1-1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3055-11380 CFM At 1/8" Static Pressure	2,898.09	360.03
		For 1/4" Static Pressure, Add	*235.21*	
		For 3/8" Static Pressure, Add	*352.82*	
		For 1/2" Static Pressure, Add	*470.42*	
23 34 16 00-0068	EA	2 HP Centrifugal Fan, 24-1/2" Wheel, 3055-11380 CFM At 1/8" Static Pressure	2,963.61	403.60
		For 1/4" Static Pressure, Add	*235.21*	
		For 3/8" Static Pressure, Add	*352.82*	
		For 1/2" Static Pressure, Add	*470.42*	
23 34 16 00-0069	EA	3 HP Centrifugal Fan, 24-1/2" Wheel, 3055-11380 CFM At 1/8" Static Pressure	3,056.66	438.75
		For 1/4" Static Pressure, Add	*239.20*	
		For 3/8" Static Pressure, Add	*358.80*	
		For 1/2" Static Pressure, Add	*478.39*	
23 34 16 00-0070	EA	5 HP Centrifugal Fan, 24-1/2" Wheel, 3055-11380 CFM At 1/8" Static Pressure	3,275.94	504.49
		For 1/4" Static Pressure, Add	*251.16*	
		For 3/8" Static Pressure, Add	*376.73*	
		For 1/2" Static Pressure, Add	*502.31*	

23 34 16 00-0071 27" Diameter Wheel 2734 To 13266 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0072	EA	1/4 HP Centrifugal Fan, 27" Wheel, 2734-13266 CFM At 1/8" Static Pressure	2,851.41	265.24
		For 1/4" Static Pressure, Add	*244.91*	
		For 3/8" Static Pressure, Add	*367.37*	
		For 1/2" Static Pressure, Add	*489.82*	
23 34 16 00-0073	EA	1/2 HP Centrifugal Fan, 27" Wheel, 2734-13266 CFM At 1/8" Static Pressure	2,934.96	305.76
		For 1/4" Static Pressure, Add	*247.17*	
		For 3/8" Static Pressure, Add	*370.76*	
		For 1/2" Static Pressure, Add	*494.34*	
23 34 16 00-0074	EA	3/4 HP Centrifugal Fan, 27" Wheel, 2734-13266 CFM At 1/8" Static Pressure	3,021.15	336.33
		For 1/4" Static Pressure, Add	*251.16*	
		For 3/8" Static Pressure, Add	*376.73*	
		For 1/2" Static Pressure, Add	*502.31*	
23 34 16 00-0075	EA	1 HP Centrifugal Fan, 27" Wheel, 2734-13266 CFM At 1/8" Static Pressure	3,097.43	360.03
		For 1/4" Static Pressure, Add	*255.14*	
		For 3/8" Static Pressure, Add	*382.72*	
		For 1/2" Static Pressure, Add	*510.29*	
23 34 16 00-0076	EA	1-1/2 HP Centrifugal Fan, 27" Wheel, 2734-13266 CFM At 1/8" Static Pressure	3,202.81	403.60
		For 1/4" Static Pressure, Add	*259.13*	
		For 3/8" Static Pressure, Add	*388.70*	
		For 1/2" Static Pressure, Add	*518.26*	
23 34 16 00-0077	EA	2 HP Centrifugal Fan, 27" Wheel, 2734-13266 CFM At 1/8" Static Pressure	3,295.61	438.75
		For 1/4" Static Pressure, Add	*263.09*	
		For 3/8" Static Pressure, Add	*394.64*	
		For 1/2" Static Pressure, Add	*526.18*	
23 34 16 00-0078	EA	3 HP Centrifugal Fan, 27" Wheel, 2734-13266 CFM At 1/8" Static Pressure	3,531.84	504.49
		For 1/4" Static Pressure, Add	*276.75*	
		For 3/8" Static Pressure, Add	*415.12*	
		For 1/2" Static Pressure, Add	*553.49*	
23 34 16 00-0079	EA	5 HP Centrifugal Fan, 27" Wheel, 2734-13266 CFM At 1/8" Static Pressure	3,560.22	560.30
		For 1/4" Static Pressure, Add	*271.09*	
		For 3/8" Static Pressure, Add	*406.64*	
		For 1/2" Static Pressure, Add	*542.18*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0080		Large Industrial Type Utility Backward Centrifugal Fans *(23 34 16 00-0002)* Note: Over 30" diameter wheel.		
23 34 16 00-0081		30" Diameter Wheel 4926 To 17456 CFM At 1/8" Static Pressure *(23 34 16 00-0080)*		
23 34 16 00-0082	EA	1/2 HP Centrifugal Fan, 30" Wheel, 4926-17456 CFM At 1/8" Static Pressure	3,997.88	336.33
		For 1/4" Static Pressure, Add	*348.83*	
		For 3/8" Static Pressure, Add	*523.24*	
		For 1/2" Static Pressure, Add	*697.66*	
23 34 16 00-0083	EA	3/4 HP Centrifugal Fan, 30" Wheel, 4926-17456 CFM At 1/8" Static Pressure	4,071.01	360.03
		For 1/4" Static Pressure, Add	*352.50*	
		For 3/8" Static Pressure, Add	*528.75*	
		For 1/2" Static Pressure, Add	*705.00*	
23 34 16 00-0084	EA	1 HP Centrifugal Fan, 30" Wheel, 4926-17456 CFM At 1/8" Static Pressure	4,183.52	403.60
		For 1/4" Static Pressure, Add	*357.20*	
		For 3/8" Static Pressure, Add	*535.80*	
		For 1/2" Static Pressure, Add	*714.40*	
23 34 16 00-0085	EA	1-1/2 HP Centrifugal Fan, 30" Wheel, 4926-17456 CFM At 1/8" Static Pressure	4,284.29	438.75
		For 1/4" Static Pressure, Add	*361.96*	
		For 3/8" Static Pressure, Add	*542.94*	
		For 1/2" Static Pressure, Add	*723.92*	
23 34 16 00-0086	EA	2 HP Centrifugal Fan, 30" Wheel, 4926-17456 CFM At 1/8" Static Pressure	4,432.07	504.49
		For 1/4" Static Pressure, Add	*366.77*	
		For 3/8" Static Pressure, Add	*550.15*	
		For 1/2" Static Pressure, Add	*733.54*	
23 34 16 00-0087	EA	3 HP Centrifugal Fan, 30" Wheel, 4926-17456 CFM At 1/8" Static Pressure	4,564.84	560.30
		For 1/4" Static Pressure, Add	*371.55*	
		For 3/8" Static Pressure, Add	*557.33*	
		For 1/2" Static Pressure, Add	*743.10*	
23 34 16 00-0088	EA	5 HP Centrifugal Fan, 30" Wheel, 4926-17456 CFM At 1/8" Static Pressure	4,782.55	672.66
		For 1/4" Static Pressure, Add	*376.34*	
		For 3/8" Static Pressure, Add	*564.51*	
		For 1/2" Static Pressure, Add	*752.67*	
23 34 16 00-0089	EA	7-1/2 HP Centrifugal Fan, 30" Wheel, 4926-17456 CFM At 1/8" Static Pressure	4,983.58	775.85
		For 1/4" Static Pressure, Add	*381.12*	
		For 3/8" Static Pressure, Add	*571.68*	
		For 1/2" Static Pressure, Add	*762.24*	
23 34 16 00-0090		33" Diameter Wheel 5734 To 19799 CFM At 1/8" Static Pressure *(23 34 16 00-0080)*		
23 34 16 00-0091	EA	1/2 HP Centrifugal Fan, 33" Wheel, 5734-19799 CFM At 1/8" Static Pressure	4,692.08	360.03
		For 1/4" Static Pressure, Add	*414.61*	
		For 3/8" Static Pressure, Add	*621.91*	
		For 1/2" Static Pressure, Add	*829.22*	
23 34 16 00-0092	EA	3/4 HP Centrifugal Fan, 33" Wheel, 5734-19799 CFM At 1/8" Static Pressure	4,837.32	403.60
		For 1/4" Static Pressure, Add	*422.58*	
		For 3/8" Static Pressure, Add	*633.87*	
		For 1/2" Static Pressure, Add	*845.16*	
23 34 16 00-0093	EA	1 HP Centrifugal Fan, 33" Wheel, 5734-19799 CFM At 1/8" Static Pressure	4,970.24	438.75
		For 1/4" Static Pressure, Add	*430.56*	
		For 3/8" Static Pressure, Add	*645.83*	
		For 1/2" Static Pressure, Add	*861.11*	
23 34 16 00-0094	EA	1-1/2 HP Centrifugal Fan, 33" Wheel, 5734-19799 CFM At 1/8" Static Pressure	5,149.66	504.49
		For 1/4" Static Pressure, Add	*438.53*	
		For 3/8" Static Pressure, Add	*657.79*	
		For 1/2" Static Pressure, Add	*877.06*	
23 34 16 00-0095	EA	2 HP Centrifugal Fan, 33" Wheel, 5734-19799 CFM At 1/8" Static Pressure	5,314.34	560.30
		For 1/4" Static Pressure, Add	*446.50*	
		For 3/8" Static Pressure, Add	*669.75*	
		For 1/2" Static Pressure, Add	*893.00*	
23 34 16 00-0096	EA	3 HP Centrifugal Fan, 33" Wheel, 5734-19799 CFM At 1/8" Static Pressure	5,563.92	672.66
		For 1/4" Static Pressure, Add	*454.47*	
		For 3/8" Static Pressure, Add	*681.71*	
		For 1/2" Static Pressure, Add	*908.95*	
23 34 16 00-0097	EA	5 HP Centrifugal Fan, 33" Wheel, 5734-19799 CFM At 1/8" Static Pressure	5,844.50	775.85
		For 1/4" Static Pressure, Add	*466.85*	
		For 3/8" Static Pressure, Add	*700.28*	
		For 1/2" Static Pressure, Add	*933.70*	
23 34 16 00-0098	EA	7-1/2 HP Centrifugal Fan, 33" Wheel, 5734-19799 CFM At 1/8" Static Pressure	6,232.98	1,009.00
		For 1/4" Static Pressure, Add	*470.42*	
		For 3/8" Static Pressure, Add	*705.63*	
		For 1/2" Static Pressure, Add	*940.84*	
23 34 16 00-0099		36-1/2" Diameter Wheel 5388 To 22500 CFM At 1/8" Static Pressure *(23 34 16 00-0080)*		
23 34 16 00-0100	EA	1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5388-22500 CFM At 1/8" Static Pressure	3,878.52	403.60
		For 1/4" Static Pressure, Add	*326.70*	
		For 3/8" Static Pressure, Add	*490.05*	
		For 1/2" Static Pressure, Add	*653.40*	
23 34 16 00-0101	EA	3/4 HP Centrifugal Fan, 36-1/2" Wheel, 5388-22500 CFM At 1/8" Static Pressure	3,931.70	438.75
		For 1/4" Static Pressure, Add	*326.70*	
		For 3/8" Static Pressure, Add	*490.05*	
		For 1/2" Static Pressure, Add	*653.40*	
23 34 16 00-0102	EA	1 HP Centrifugal Fan, 36-1/2" Wheel, 5388-22500 CFM At 1/8" Static Pressure	4,031.39	504.49
		For 1/4" Static Pressure, Add	*326.70*	
		For 3/8" Static Pressure, Add	*490.05*	
		For 1/2" Static Pressure, Add	*653.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0103	EA	1-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5388-22500 CFM At 1/8" Static Pressure	4,132.41	560.30
		For 1/4" Static Pressure, Add	*328.31*	
		For 3/8" Static Pressure, Add	*492.46*	
		For 1/2" Static Pressure, Add	*656.62*	
23 34 16 00-0104	EA	2 HP Centrifugal Fan, 36-1/2" Wheel, 5388-22500 CFM At 1/8" Static Pressure	4,693.71	672.66
		For 1/4" Static Pressure, Add	*367.45*	
		For 3/8" Static Pressure, Add	*551.18*	
		For 1/2" Static Pressure, Add	*734.91*	
23 34 16 00-0105	EA	3 HP Centrifugal Fan, 36-1/2" Wheel, 5388-22500 CFM At 1/8" Static Pressure	4,918.24	775.85
		For 1/4" Static Pressure, Add	*374.23*	
		For 3/8" Static Pressure, Add	*561.34*	
		For 1/2" Static Pressure, Add	*748.45*	
23 34 16 00-0106	EA	5 HP Centrifugal Fan, 36-1/2" Wheel, 5388-22500 CFM At 1/8" Static Pressure	5,341.05	1,009.00
		For 1/4" Static Pressure, Add	*381.23*	
		For 3/8" Static Pressure, Add	*571.84*	
		For 1/2" Static Pressure, Add	*762.46*	
23 34 16 00-0107	EA	7-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5388-22500 CFM At 1/8" Static Pressure	5,793.28	1,261.24
		For 1/4" Static Pressure, Add	*388.23*	
		For 3/8" Static Pressure, Add	*582.35*	
		For 1/2" Static Pressure, Add	*776.46*	

23 34 16 00-0108 Kitchen System Fans *(23 34 16 00-0001)*

23 34 16 00-0109 Upblast Kitchen Exhaust Fans *(23 34 16 00-0108)*

23 34 16 00-0110 Direct Drive Kitchen Upblast Exhaust Fans *(23 34 16 00-0109)*

23 34 16 00-0111	EA	Up To 12" Wheel Diameter, 1/6 HP Direct Drive, Kitchen Upblast Exhaust Fan Note: 115V. For roof or wall installations. Includes birdscreen and disconnect switch.	697.14	99.37
23 34 16 00-0112	EA	14" Wheel Diameter, 1/4 HP Direct Drive, Kitchen Upblast Exhaust Fan Note: 115V. For roof or wall installations. Includes birdscreen and disconnect switch.	809.45	99.37

23 34 16 00-0113 Belt Drive Kitchen Upblast Exhaust Fans *(23 34 16 00-0109)*

23 34 16 00-0114	EA	Up To 12" Diameter Wheel, Up To 1/2 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	949.13	99.37
		For Wall Mounted Fan, Add	*37.97*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0115	EA	13" Or 14" Diameter Wheel, 1/3 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	1,027.26	114.65
		For Wall Mounted Fan, Add	*41.09*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0116	EA	13" Or 14" Diameter Wheel, 1 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	1,227.42	114.65
		For Wall Mounted Fan, Add	*49.10*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0117	EA	16" Diameter Wheel, 1/2 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	1,169.18	133.76
		For Wall Mounted Fan, Add	*46.77*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0118	EA	16" Diameter Wheel, 1 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	1,321.34	133.76
		For Wall Mounted Fan, Add	*52.85*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0119	EA	18" Or 20" Diameter Wheel, 3/4 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	1,418.43	152.87
		For Wall Mounted Fan, Add	*56.74*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0120	EA	18" Or 20" Diameter Wheel, 2 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	1,672.93	152.87
		For Wall Mounted Fan, Add	*66.92*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0121	EA	22" Or 24" Diameter Wheel, 3/4 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	1,817.11	171.99
		For Wall Mounted Fan, Add	*72.68*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0122	EA	22" Or 24" Diameter Wheel, 2 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	2,071.61	171.99
		For Wall Mounted Fan, Add	*82.86*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0123	EA	30" Diameter Wheel, 3/4 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	2,107.12	191.10
		For Wall Mounted Fan, Add	*84.28*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0124	EA	30" Diameter Wheel, 2 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	2,361.63	191.10
		For Wall Mounted Fan, Add	*94.47*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0125	EA	36" Or 42" Diameter Wheel, 3 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	3,034.83	229.32
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0126	EA	36" Or 42" Diameter Wheel, 7-1/2 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	3,274.53	229.32
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0127		Untempered Kitchen Make-Up Air Fans *(23 34 16 00-0108)* Note: Roof mounted with downblast discharge, weatherhood and filter.		
23 34 16 00-0128		Direct Drive Kitchen Make-Up Air Fans *(23 34 16 00-0127)*		
23 34 16 00-0129	EA	7" Diameter Wheel, 1/2 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	816.90	99.37
23 34 16 00-0130	EA	8" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	856.04	99.37
23 34 16 00-0131	EA	9" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	904.07	99.37
23 34 16 00-0132		Belt Drive Kitchen Make-Up Air Fans *(23 34 16 00-0127)*		
23 34 16 00-0133	EA	9" Diameter Wheel, 1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	922.70	99.37
23 34 16 00-0134	EA	10" Diameter Wheel, 1-1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,044.91	133.76
23 34 16 00-0135	EA	12" Diameter Wheel, 2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,255.76	152.87
23 34 16 00-0136	EA	15" Diameter Wheel, 3 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,462.19	191.10
23 34 16 00-0137	EA	18" Diameter Wheel, 5 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,768.60	229.32
23 34 16 00-0138		Replacement Parts *(23 34 16 00-0001)*		
23 34 16 00-0139		Replace Belts And Accessories *(23 34 16 00-0138)*		
23 34 16 00-0140	EA	Fan Shaft Bearing, Replacement	566.27	260.67
23 34 16 00-0141	EA	Fan Belt, Replacement	88.74	35.36
23 34 16 00-0142		Corrosive Fume Resistant Plastic *(23 34 16 00-0001)*		
23 34 16 00-0143		Centrifugal Roof Ventilators, Belt Drive, 1/4" Static Pressure *(23 34 16 00-0142)*		
23 34 16 00-0144	EA	250 CFM, 1/4 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	3,028.55	138.19
		For Explosion Proof Motor, Add	*412.83*	
23 34 16 00-0145	EA	895 CFM, 1/3 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	3,298.63	166.01
		For Explosion Proof Motor, Add	*444.99*	
23 34 16 00-0146	EA	1630 CFM, 1/2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	3,917.78	207.50
		For Explosion Proof Motor, Add	*525.42*	
23 34 16 00-0147	EA	2240 CFM, 1 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	4,235.15	276.81
		For Explosion Proof Motor, Add	*552.22*	
23 34 16 00-0148	EA	3810 CFM, 2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	4,904.67	415.01
		For Explosion Proof Motor, Add	*611.20*	
23 34 16 00-0149	EA	11760 CFM, 5 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	8,522.59	830.02
		For Explosion Proof Motor, Add	*1,029.39*	
23 34 16 00-0150	EA	18810 CFM, 10 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	12,416.62	1,186.50
		For Explosion Proof Motor, Add	*1,506.55*	
23 34 16 00-0151		Utility Set, Centrifugal, Belt Drive *(23 34 16 00-0142)*		
23 34 16 00-0152	EA	1200 CFM, 1/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	3,028.55	138.19
		For Explosion Proof Motor, Add	*412.83*	
23 34 16 00-0153	EA	1520 CFM, 1/3 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	3,119.92	166.01
		For Explosion Proof Motor, Add	*418.19*	
23 34 16 00-0154	EA	1850 CFM, 1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	3,202.93	207.50
		For Explosion Proof Motor, Add	*418.19*	
23 34 16 00-0155	EA	2180 CFM, 3/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	3,341.59	276.81
		For Explosion Proof Motor, Add	*418.19*	
23 34 16 00-0156	EA	3600 CFM, 1 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	4,618.73	415.01
		For Explosion Proof Motor, Add	*568.31*	
23 34 16 00-0157	EA	4250 CFM, 1-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	4,826.22	518.75
		For Explosion Proof Motor, Add	*568.31*	
23 34 16 00-0158	EA	4800 CFM, 2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	4,975.94	593.62
		For Explosion Proof Motor, Add	*568.31*	
23 34 16 00-0159	EA	6920 CFM, 5 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	5,105.20	622.51
		For Explosion Proof Motor, Add	*579.03*	
23 34 16 00-0160	EA	7700 CFM, 7-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	5,279.29	691.65
		For Explosion Proof Motor, Add	*584.39*	
23 34 16 00-0161		In-Line Duct Fans *(23 34 16 00-0001)*		
23 34 16 00-0162		Direct Drive In-Line Duct Fans *(23 34 16 00-0161)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0163	EA	Up To 10" Wheel Diameter, 1/16 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	734.28	99.37
23 34 16 00-0164	EA	13" Wheel Diameter, 1/6 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	924.11	107.02
23 34 16 00-0165	EA	14" Wheel Diameter, 1/3 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,011.41	114.65
23 34 16 00-0166		**Belt Drive In-Line Duct Fans** *(23 34 16 00-0161)*		
23 34 16 00-0167	EA	Up To 12" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	1,053.06	114.65
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0168	EA	13" Or 14" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	1,211.75	133.76
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0169	EA	13" Or 14" Wheel Diameter, 3/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	1,350.78	133.76
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0170	EA	13" Or 14" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	1,468.97	133.76
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0171	EA	16" Or 18" Wheel Diameter, 1/3 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	1,446.96	152.87
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0172	EA	16" Or 18" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	1,647.12	152.87
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0173	EA	24" Wheel Diameter, 1 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,093.53	191.10
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0174	EA	24" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	2,204.03	191.10
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0175	EA	24" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: Belt drive. 230/460/60/3. Includes disconnect switch.	2,281.92	191.10
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0176	EA	30 Or 36" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	2,645.07	229.32
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0177	EA	30 Or 36" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	2,738.03	229.32
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0178	EA	30 Or 36" Wheel Diameter, 7-1/2 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	2,852.28	229.32
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0179		**Propeller And Ceiling Fans** *(23 34 16)*		
23 34 16 00-0180		**Direct Drive Propeller Exhaust Fans** *(23 34 16 00-0179)* Note: Wall shutter 1/8" static pressure, with birdscreen.		
23 34 16 00-0181	EA	16" Propeller Exhaust Fan, Direct Drive, 2353 CFM, 1/3 HP, With Wall Shutter	678.10	127.65
23 34 16 00-0182	EA	18" Propeller Exhaust Fan, Direct Drive, 3120 CFM, 1/2 HP, With Wall Shutter	736.50	129.95
23 34 16 00-0183	EA	18" Propeller Exhaust Fan, Direct Drive, 3880 CFM, 5/8 HP, With Wall Shutter	807.87	139.12
23 34 16 00-0184	EA	21" Propeller Exhaust Fan, Direct Drive, 4740 CFM, 3/4 HP, With Wall Shutter	925.27	152.87
23 34 16 00-0185		**Belt Drive Propeller Exhaust Fans** *(23 34 16 00-0179)* Note: Wall shutter 1/8" static pressure, with birdscreen.		
23 34 16 00-0186	EA	24" Propeller Exhaust Fan, V-Belt Drive, 5795 CFM, 1/2 HP, With Wall Shutter	1,296.37	218.61
23 34 16 00-0187	EA	30" Propeller Exhaust Fan, V-Belt Drive, 9060 CFM, 3/4 HP, With Wall Shutter	1,487.31	254.54
23 34 16 00-0188	EA	36" Propeller Exhaust Fan, V-Belt Drive, 11850 CFM, 1 HP, With Wall Shutter	1,696.42	305.76
23 34 16 00-0189	EA	42" Propeller Exhaust Fan, V-Belt Drive, 17400 CFM, 1-1/2 HP, With Wall Shutter	2,337.98	382.19
23 34 16 00-0190	EA	48" Propeller Exhaust Fan, V-Belt Drive, 19870 CFM, 1-1/2 HP, With Wall Shutter	2,818.81	509.84
23 34 16 00-0191	EA	54" Propeller Exhaust Fan, V-Belt Drive, 26000 CFM, 2 HP, With Wall Shutter	3,946.57	764.38
23 34 16 00-0192	EA	60" Propeller Exhaust Fan, V-Belt Drive, 35120 CFM, 3 HP, With Wall Shutter	4,771.59	979.94
23 34 16 00-0193		**Propeller Exhaust Fan Accessories** *(23 34 16 00-0179)*		
23 34 16 00-0194	SF	Hinged Mesh Screen For Wall Propeller Fans, 1" x 1" Frame (SF Of Fan Opening)	67.77	
23 34 16 00-0195	SF	Galvanized Weather Hood For Wall Propeller Fan (SF Of Fan Opening)	153.94	
23 34 16 00-0196		**Reversible Ceiling Fans** *(23 34 16 00-0179)*		
23 34 16 00-0197		**4 Blade Ceiling Fans** *(23 34 16 00-0196)*		
23 34 16 00-0198	EA	42" 4-Blade Ceiling Fan, Three Speed	313.92	40.88
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*25.68*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0199		5 Blade Ceiling Fans *(23 34 16 00-0196)*		
23 34 16 00-0200	EA	42" 5-Blade Ceiling Fan, Three Speed	342.26	101.17
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*25.72*	
23 34 16 00-0201	EA	52" 5-Blade Ceiling Fan, Three Speed	389.69	101.17
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*25.81*	
23 34 16 00-0202		3 Blade Weatherproof Ceiling Fans *(23 34 16 00-0196)*		
23 34 16 00-0203	EA	3-Blade Ceiling Fan, Weatherproof, Three Speed	318.21	37.84
23 34 16 00-0204		Exhaust Fans *(23 34 16)*		
23 34 16 00-0205		Exhaust Fans *(23 34 16 00-0204)* Note: Excludes ducting.		
23 34 16 00-0206		Light Duty Exhaust Fans *(23 34 16 00-0205)*		
23 34 16 00-0207		Light Duty Exhaust Fans *(23 34 16 00-0206)*		
23 34 16 00-0208	EA	50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan (Broan® 670)	91.75	33.03
23 34 16 00-0209	EA	70 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan (Broan® 671)	96.04	33.03
23 34 16 00-0210	EA	180 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan (Broan® 505)	147.53	33.03
23 34 16 00-0211	EA	350 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan (Broan® 504)	181.96	33.03
23 34 16 00-0212	EA	160 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan (Broan® 503)	164.48	33.03
23 34 16 00-0213	EA	270 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan (Broan® 502)	213.37	33.03
23 34 16 00-0214		Light Duty Exhaust Fans With Lights *(23 34 16 00-0206)*		
23 34 16 00-0215	EA	50 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 678)	114.69	33.03
23 34 16 00-0216	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 679)	125.43	33.03
23 34 16 00-0217	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 680)	219.93	33.03
23 34 16 00-0218		Light Duty Exhaust Fans With Heaters *(23 34 16 00-0206)*		
23 34 16 00-0219	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater Bulb (Broan® 162)	117.02	33.03
23 34 16 00-0220	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater (Broan® 658)	175.94	33.03
23 34 16 00-0221		Light Duty Exhaust Fans With Heaters And Lights *(23 34 16 00-0206)*		
23 34 16 00-0222	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 655)	186.15	33.03
23 34 16 00-0223	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 100HL)	273.85	33.03
23 34 16 00-0224		Heavy Duty/Continuous Operation Exhaust Fans *(23 34 16 00-0205)*		
23 34 16 00-0225		Heavy Duty/Continuous Operation Exhaust Fans *(23 34 16 00-0224)* Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0226	EA	50 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50)	133.24	33.03
23 34 16 00-0227	EA	80 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80)	145.56	33.03
23 34 16 00-0228	EA	109 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L100MG)	252.14	33.03
23 34 16 00-0229	EA	157 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L150MG)	257.85	33.03
23 34 16 00-0230	EA	210 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L200MG)	275.61	33.03
23 34 16 00-0231	EA	259 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L250MG)	286.96	33.03
23 34 16 00-0232	EA	308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300MG)	291.36	33.03
23 34 16 00-0233	EA	434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400)	331.01	33.03
23 34 16 00-0234	EA	514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500)	374.75	33.03
23 34 16 00-0235	EA	701 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L700)	399.66	33.03
23 34 16 00-0236	EA	901 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L900)	472.43	33.03
23 34 16 00-0237	EA	1513 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L1500)	602.06	33.03
23 34 16 00-0238		Heavy Duty/Continuous Operation Kitchen Exhaust Fans *(23 34 16 00-0224)* Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0239	EA	308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300KMG)	261.18	33.03
23 34 16 00-0240	EA	434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400K)	371.48	33.03
23 34 16 00-0241	EA	514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500K)	391.90	33.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0242		Heavy Duty/Continuous Operation Exhaust Fans With Lights *(23 34 16 00-0224)*		
23 34 16 00-0243	EA	50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD50L)	143.33	33.03
23 34 16 00-0244	EA	80 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD80L)	154.89	33.03
23 34 16 00-0245		Fire Rated, Heavy Duty/Continuous Operation Exhaust Fans *(23 34 16 00-0224)*		
23 34 16 00-0246	EA	50 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50RDF)	148.41	33.03
23 34 16 00-0247	EA	80 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80RDF)	156.06	33.03
23 34 16 00-0248	EA	110 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® 110RDF)	159.76	33.03
23 34 16 00-0249		Room-To-Room Exhaust Fans *(23 34 16 00-0205)*		
23 34 16 00-0250	EA	90 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 512)	111.80	33.03
23 34 16 00-0251	EA	180 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 511)	174.33	33.03
23 34 16 00-0252	EA	380 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 510)	197.12	33.03
23 34 16 00-0253		Through-Wall Exhaust Fans *(23 34 16 00-0205)*		
23 34 16 00-0254	EA	250 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 507)	185.21	33.03
23 34 16 00-0255	EA	470 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 506)	216.62	33.03
23 34 16 00-0256	EA	180 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 509)	163.61	33.03
23 34 16 00-0257	EA	270 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 508)	213.37	33.03
23 34 16 00-0258	EA	360 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan With Motorized Door (Broan® 12C)	360.67	33.03
23 34 16 00-0259		Exhaust Fan Accessories *(23 34 16 00-0205)*		
23 34 16 00-0260		Exhaust Fan Controls *(23 34 16 00-0259)*		
23 34 16 00-0261	EA	Electronic Variable Speed Control Dial, Single Gang, Exhaust Fan Controls (Broan® 57)	103.03	20.64
23 34 16 00-0262	EA	60-Minute Time Control Dial, Single Gang, Exhaust Fan Controls (Broan® 59)	75.24	20.64
23 34 16 00-0263	EA	60-Minute Time Control Dial With Rocker Switch, Double Gang, Exhaust Fan Controls (Broan® 61)	75.91	20.64
23 34 16 00-0264		Roof And Wall Caps For Exhaust Fans *(23 34 16 00-0259)*		
23 34 16 00-0265		Wall Caps For Exhaust Fans *(23 34 16 00-0264)*		
23 34 16 00-0266	EA	Aluminum Wall Cap For Up To 12" Duct, Installed On Exterior Walls (Broan® 613)	168.83	41.51
23 34 16 00-0267	EA	Aluminum Wall Cap For Up To 18" Duct, Installed On Exterior Walls (Broan® 643)	171.02	41.51
23 34 16 00-0268		Roof Caps For Exhaust Fans *(23 34 16 00-0264)* Note: Includes flashing and built in bird screen.		
23 34 16 00-0269	EA	Aluminum Roof Cap For Up To 8" Duct, Installed On Flat Roofs (Broan® 611)	146.26	41.51
23 34 16 00-0270	EA	Aluminum Roof Cap For Up To 12" Duct, Installed On Flat Roofs (Broan® 612)	203.06	41.51
23 34 16 00-0271	EA	CRCQ Steel Roof Cap For Up To 4" Duct, Installed On Sloped Roofs (Broan® 636)	102.60	41.51
23 34 16 00-0272	EA	CRCQ Steel Roof Cap For Up To 8" Duct, Installed On Sloped Roofs (Broan® 634)	119.64	41.51
23 34 16 00-0273		Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan *(23 34 16 00-0205)* Note: Includes storage and cleaning.		
23 34 16 00-0274	EA	Remove And Reinstall Light Duty Ceiling Exhaust Fan	57.33	
23 34 23		**HVAC Power Ventilators** *(23 34)*		
23 34 23 00-0001		Power Roof Ventilators *(23 34 23)*		
23 34 23 00-0002		Centrifugal Power Roof Ventilators, Aluminum Housing *(23 34 23 00-0001)* Note: Birdscreen, backdraft damper 1/4" static pressure.		
23 34 23 00-0003		Direct Drive Centrifugal Power Roof Ventilators *(23 34 23 00-0002)*		
23 34 23 00-0004	EA	320 CFM Direct Drive Power Roof Ventilator, 8" x 8" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	506.01	109.31
		For 2 Speed Winding, Add	*43.11*	
23 34 23 00-0005	EA	420 CFM Direct Drive Power Roof Ventilator, 8" x 8" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	541.66	123.83
		For 2 Speed Winding, Add	*44.26*	
23 34 23 00-0006	EA	675 CFM Direct Drive Power Roof Ventilator, 12" x 12" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	589.49	144.47
		For 2 Speed Winding, Add	*45.19*	
23 34 23 00-0007	EA	770 CFM Direct Drive Power Roof Ventilator, 16" x 16" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	700.42	162.82
		For 2 Speed Winding, Add	*56.31*	
23 34 23 00-0008	EA	815 CFM Direct Drive Power Roof Ventilator, 18" x 18" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	733.01	162.82
		For 2 Speed Winding, Add	*61.12*	
23 34 23 00-0009	EA	1450 CFM Direct Drive Power Roof Ventilator, 18" x 18" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	846.35	191.10
		For 2 Speed Winding, Add	*69.62*	
23 34 23 00-0010	EA	2150 CFM Direct Drive Power Roof Ventilator, 20" x 20" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	1,034.39	246.90
		For 2 Speed Winding, Add	*81.28*	
23 34 23 00-0011		Belt Drive Centrifugal Power Roof Ventilators *(23 34 23 00-0002)*		
23 34 23 00-0012	EA	1660 CFM Belt Drive Power Roof Ventilator, 12" x 12" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	840.35	162.82
		For 2 Speed Winding, Add	*67.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 23 00-0013	EA	2830 CFM Belt Drive Power Roof Ventilator, 14" x 14" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	1,040.35	207.15
		For 2 Speed Winding, Add	*94.08*	
23 34 23 00-0014	EA	4600 CFM Belt Drive Power Roof Ventilator, 20" x 20" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	1,238.65	246.90
		For 2 Speed Winding, Add	*111.83*	
23 34 23 00-0015	EA	8750 CFM Belt Drive Power Roof Ventilator, 26" x 26" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	1,794.85	305.76
		For 2 Speed Winding, Add	*177.50*	
23 34 23 00-0016	EA	12500 CFM Belt Drive Power Roof Ventilator, 32" x 32" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	2,783.45	382.19
		For 2 Speed Winding, Add	*302.86*	
23 34 23 00-0017	EA	21600 CFM Belt Drive Power Roof Ventilator, 40" x 40" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	3,501.14	477.74
		For 2 Speed Winding, Add	*381.85*	
23 34 23 00-0018		Propeller Exhaust Fans, Roof Mounted Upblast *(23 34 23 00-0002)*		
		Note: Includes back draft damper and birdscreen and curb.		
23 34 23 00-0019	EA	30300 CFM Belt Drive 5 HP Propeller Exhaust Fan, Roof Mounted, 3/8" Static Pressure	4,319.37	587.81
23 34 23 00-0020	EA	36000 CFM Belt Drive 15 HP Propeller Exhaust Fan, Roof Mounted, 1/2" Static Pressure	6,981.65	764.15
23 34 23 00-0021		Belt Drive Supply Fans *(23 34 23 00-0002)*		
23 34 23 00-0022	EA	4500 CFM, 24" x 24" Supply Fan, Roof Mounted	1,742.12	305.22
23 34 23 00-0023	EA	10000 CFM, 36" x 36" Supply Fan, Roof Mounted	2,339.74	382.12
23 34 23 00-0024		Fan Thermostat *(23 34 23 00-0002)*		
23 34 23 00-0025	EA	50 To 120 Degree Line Voltage Fan Thermostat	82.24	
23 34 23 00-0026		Power Wall Ventilators *(23 34 23)*		
23 34 23 00-0027		Centrifugal Power Wall Ventilators, Aluminum Housing *(23 34 23 00-0026)*		
		Note: Birdscreen, backdraft damper 1/4" static pressure.		
23 34 23 00-0028		Direct Drive Centrifugal Power Wall Ventilators *(23 34 23 00-0027)*		
23 34 23 00-0029	EA	420 CFM Direct Drive Power Wall Ventilator, 8" x 8" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	512.31	123.07
23 34 23 00-0030	EA	675 CFM Direct Drive Power Wall Ventilator, 12" x 12" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	614.43	144.47
23 34 23 00-0031	EA	770 CFM Direct Drive Power Wall Ventilator, 16" x 16" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	651.25	162.82
23 34 23 00-0032	EA	2150 CFM Direct Drive Power Wall Ventilator, 20" x 20" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	1,018.42	246.90
23 34 23 00-0033	EA	1220 CFM Direct Drive Power Wall Ventilator, 18" x 18" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	881.68	182.23
23 34 23 00-0034		Centrifugal Wall Exhausters, Auto Damper, 1/8" Static Pressure *(23 34 23 00-0026)*		
23 34 23 00-0035		Direct Drive Centrifugal Wall Exhausters *(23 34 23 00-0034)*		
23 34 23 00-0036	EA	610 CFM, 1/20 HP Wall Exhauster, Direct Drive, Centrifugal, Auto Damper, 1/8" Static Pressure	367.46	59.35
23 34 23 00-0037	EA	796 CFM, 1/12 HP Wall Exhauster, Direct Drive, Centrifugal, Auto Damper, 1/8" Static Pressure	385.17	63.91
23 34 23 00-0038	EA	822 CFM, 1/6 HP Wall Exhauster, Direct Drive, Centrifugal, Auto Damper, 1/8" Static Pressure	544.65	69.31
23 34 23 00-0039	EA	1320 CFM, 1/4 HP Wall Exhauster, Direct Drive, Centrifugal, Auto Damper, 1/8" Static Pressure	548.93	69.31
23 34 23 00-0040	EA	1756 CFM, 1/4 HP Wall Exhauster, Direct Drive, Centrifugal, Auto Damper, 1/8" Static Pressure	630.00	75.53
23 34 23 00-0041	EA	1983 CFM, 1/4 HP Wall Exhauster, Direct Drive, Centrifugal, Auto Damper, 1/8" Static Pressure	737.89	83.00
23 34 23 00-0042	EA	2900 CFM, 1/2 HP Wall Exhauster, Direct Drive, Centrifugal, Auto Damper, 1/8" Static Pressure	877.67	92.13
23 34 23 00-0043	EA	3307 CFM, 3/4 HP Wall Exhauster, Direct Drive, Centrifugal, Auto Damper, 1/8" Static Pressure	972.39	103.75
23 34 23 00-0044		V-Belt Drive, 3 Phase Centrifugal Wall Exhausters *(23 34 23 00-0034)*		
23 34 23 00-0045	EA	2800 CFM, 1/4 HP Wall Exhauster, V-Belt Drive, Centrifugal, Auto Damper, 1/8" Static Pressure	1,313.72	92.13
23 34 23 00-0046	EA	3740 CFM, 1/2 HP Wall Exhauster, V-Belt Drive, Centrifugal, Auto Damper, 1/8" Static Pressure	1,379.86	103.75
23 34 23 00-0047	EA	4400 CFM, 3/4 HP Wall Exhauster, V-Belt Drive, Centrifugal, Auto Damper, 1/8" Static Pressure	1,424.04	118.69
23 34 23 00-0048	EA	5700 CFM, 1-1/2 HP Wall Exhauster, V-Belt Drive, Centrifugal, Auto Damper, 1/8" Static Pressure	1,477.33	138.19
23 34 33		**Air Curtains** *(23 34)*		
23 34 33 00-0001		Unheated Air Curtains For Entrances *(23 34 33)*		
		Note: Includes housing and controls.		
23 34 33 00-0002		Personnel Entrance Unheated Air Curtains *(23 34 33 00-0001)*		
23 34 33 00-0003	EA	Air Curtain For 3' x 10' Personnel Entrance, Unheated, Including Housing And Controls	1,559.37	560.30
23 34 33 00-0004	EA	Air Curtain For 3.5' x 10' Personnel Entrance, Unheated, Including Housing And Controls	1,574.81	560.30
23 34 33 00-0005	EA	Air Curtain For 4' x 10' Personnel Entrance, Unheated, Including Housing And Controls	1,582.53	560.30
23 34 33 00-0006	EA	Air Curtain For 5' x 10' Personnel Entrance, Unheated, Including Housing And Controls	1,914.40	560.30
23 34 33 00-0007	EA	Air Curtain For 6' x 10' Personnel Entrance, Unheated, Including Housing And Controls	2,369.82	672.66
23 34 33 00-0008	EA	Air Curtain For 7' x 10' Personnel Entrance, Unheated, Including Housing And Controls	2,470.16	672.66
23 34 33 00-0009	EA	Air Curtain For 10' x 10' Personnel Entrance, Unheated, Including Housing And Controls	3,306.14	775.85
23 34 33 00-0010	EA	Air Curtain For 12' x 10' Personnel Entrance, Unheated, Including Housing And Controls	3,877.27	775.85
23 34 33 00-0011	EA	Air Curtain For 15' x 10' Personnel Entrance, Unheated, Including Housing And Controls	4,371.22	775.85
23 34 33 00-0012		Receiving/Service Entrance Unheated Air Curtains *(23 34 33 00-0001)*		
		Note: Normal door sizes.		
23 34 33 00-0013	EA	Air Curtain, 3' x 8' Service/Receiving Entrance, Unheated, Including Housing And Controls	1,564.00	560.30
23 34 33 00-0014	EA	Air Curtain, 3.5' x 8' Service/Receiving Entrance, Unheated, Including Housing And Controls	1,564.00	560.30
23 34 33 00-0015	EA	Air Curtain, 4' x 8' Service/Receiving Entrance, Unheated, Including Housing And Controls	1,577.90	560.30
23 34 33 00-0016	EA	Air Curtain, 5' x 8' Service/Receiving Entrance, Unheated, Including Housing And Controls	1,752.32	560.30
23 34 33 00-0017	EA	Air Curtain, 6' x 8' Service/Receiving Entrance, Unheated, Including Housing And Controls	2,169.16	672.66
23 34 33 00-0018	EA	Air Curtain, 7' x 8' Service/Receiving Entrance, Unheated, Including Housing And Controls	2,439.28	672.66
23 34 33 00-0019	EA	Air Curtain, 8' x 8' Service/Receiving Entrance, Unheated, Including Housing And Controls	2,633.13	775.85

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23 34 33 00-0020	EA	Air Curtain, 10' x 8' Service/Receiving Entrance, Unheated, Including Housing And Controls	3,290.70	775.85
23 34 33 00-0021	EA	Air Curtain, 4' x 10' Service/Receiving Entrance, Unheated, Including Housing And Controls	1,844.94	560.30
23 34 33 00-0022		Service Window Unheated Air Curtains *(23 34 33 00-0001)*		
		Note: Normal window sizes.		
23 34 33 00-0023	EA	Air Curtain For 2.5' x 5' Service Window, Unheated, Including Housing And Controls	1,884.59	877.52
23 34 33 00-0024		Heated Air Curtains For Entrances *(23 34 33)*		
		Note: Includes housing and controls.		
23 34 33 00-0025	EA	60" Heated Air Curtain With 1- 300 MBH Heater	3,167.32	493.41
23 34 33 00-0026	EA	60" Heated Air Curtain With 1- 400 MBH Heater	3,458.02	493.41
23 34 33 00-0027	EA	72" Heated Air Curtain With 1- 350 MBH Heater	3,800.30	592.02
23 34 33 00-0028	EA	72" Heated Air Curtain With 2- 250 MBH Heaters	4,149.14	592.02
23 34 33 00-0029	EA	96" Heated Air Curtain With 1- 400 MBH Heater	5,066.41	789.23
23 34 33 00-0030	EA	96" Heated Air Curtain With 2- 350 MBH Heaters	5,531.53	789.23
23 34 33 00-0031	EA	117" Heated Air Curtain With 2- 300 MBH Heaters	6,174.00	961.60
23 34 33 00-0032	EA	117" Heated Air Curtain With 2- 400 MBH Heaters	6,740.86	961.60
23 34 33 00-0033	EA	147" Heated Air Curtain With 2- 350 MBH Heaters	7,757.50	1,208.12
23 34 33 00-0034	EA	147" Heated Air Curtain With 3- 350 MBH Heaters	9,167.40	1,208.12
23 34 33 00-0035	EA	168" Heated Air Curtain With 2- 400 MBH Heaters	8,866.21	1,380.86
23 34 33 00-0036	EA	168" Heated Air Curtain With 3- 400 MBH Heaters	10,477.17	1,380.86
23 34 33 00-0037	EA	192" Heated Air Curtain With 2- 400 MBH Heaters	10,130.22	1,578.08
23 34 33 00-0038	EA	192" Heated Air Curtain With 4- 350 MBH Heaters	11,971.32	1,578.08

23 35 Special Exhaust Systems *(23 30)*

See CSI section 23 31 13 16-0063 for spiral duct/piping.

23 35 13 Dust Collection Systems *(23 35)*

23 35 13 00-0001		Dust Collector System *(23 35 13)*		
23 35 13 00-0002	EA	1.5 HP Dust Collector Central Vacuum Unit	2,556.66	664.01
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 00-0003	EA	2 HP Dust Collector Central Vacuum Unit	2,890.53	788.51
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 00-0004	EA	2-1/2 HP Dust Collector Central Vacuum Unit	3,453.97	913.01
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 00-0005	EA	3 HP Dust Collector Central Vacuum Unit	3,960.31	1,079.02
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 00-0006	EA	5 HP Dust Collector Central Vacuum Unit	7,743.98	1,216.07
		Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.		
23 35 13 00-0007	EA	7-1/2 HP Dust Collector Central Vacuum Unit	9,364.63	1,418.74
		Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.		
23 35 13 00-0008	EA	10 HP Dust Collector Central Vacuum Unit	10,724.84	1,621.42
		Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.		
23 35 13 00-0009	EA	15 HP Dust Collector Central Vacuum Unit	12,081.94	1,864.64
		Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.		
23 35 13 00-0010	EA	20 HP Dust Collector Central Vacuum Unit	13,496.44	2,107.84
		Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.		
23 35 13 00-0011		Vacuum Tubing And Accessories *(23 35 13)*		
23 35 13 00-0012		Vacuum Tubing *(23 35 13 00-0011)*		
23 35 13 00-0013		Flexible Hose *(23 35 13 00-0012)*		
23 35 13 00-0014	LF	2" Flexible Hose	6.96	1.38
23 35 13 00-0015	LF	3" Flexible Hose	8.27	1.53
23 35 13 00-0016	LF	4" Flexible Hose	8.98	1.68
23 35 13 00-0017		Galvanized Vacuum Tubing *(23 35 13 00-0012)*		
23 35 13 00-0018	LF	2-1/8" Outside Diameter Vacuum Tubing, Galvanized	5.15	1.38
23 35 13 00-0019	LF	2-1/2" Outside Diameter Vacuum Tubing, Galvanized	5.69	1.45
23 35 13 00-0020	LF	3" Outside Diameter Vacuum Tubing, Galvanized	6.57	1.53
23 35 13 00-0021	LF	3-1/2" Outside Diameter Vacuum Tubing, Galvanized	8.19	1.60
23 35 13 00-0022	LF	4" Outside Diameter Vacuum Tubing, Galvanized	8.44	1.68
23 35 13 00-0023	LF	5" Outside Diameter Vacuum Tubing, Galvanized	13.14	1.91
23 35 13 00-0024	LF	6" Outside Diameter Vacuum Tubing, Galvanized	14.84	2.22
23 35 13 00-0025	LF	8" Outside Diameter Vacuum Tubing, Galvanized	20.17	3.06
23 35 13 00-0026	LF	10" Outside Diameter Vacuum Tubing, Galvanized	23.86	3.82
23 35 13 00-0027	LF	12" Outside Diameter Vacuum Tubing, Galvanized	55.21	5.05
23 35 13 00-0028		Vacuum Fittings, Galvanized *(23 35 13 00-0011)*		
23 35 13 00-0029		Reducer *(23 35 13 00-0028)*		
23 35 13 00-0030	EA	3" Reducer, Vacuum Tubing, Galvanized	29.70	10.24
23 35 13 00-0031	EA	4" Reducer, Vacuum Tubing, Galvanized	32.79	11.08
23 35 13 00-0032	EA	5" Reducer, Vacuum Tubing, Galvanized	39.65	12.23
23 35 13 00-0033	EA	6" Reducer, Vacuum Tubing, Galvanized	43.17	13.61
23 35 13 00-0034	EA	8" Reducer, Vacuum Tubing, Galvanized	49.90	15.29

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 13 00-0035		90 Degree Elbow *(23 35 13 00-0011)*		
23 35 13 00-0036	EA	2-1/8" 90 Degree Elbow, Vacuum Tubing, Galvanized	27.66	8.79
23 35 13 00-0037	EA	2-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	32.84	9.40
23 35 13 00-0038	EA	3" 90 Degree Elbow, Vacuum Tubing, Galvanized	39.47	10.24
23 35 13 00-0039	EA	3-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	45.65	11.08
23 35 13 00-0040	EA	4" 90 Degree Elbow, Vacuum Tubing, Galvanized	53.41	12.23
23 35 13 00-0041	EA	5" 90 Degree Elbow, Vacuum Tubing, Galvanized	81.85	13.61
23 35 13 00-0042	EA	6" 90 Degree Elbow, Vacuum Tubing, Galvanized	105.95	15.29
23 35 13 00-0043	EA	8" 90 Degree Elbow, Vacuum Tubing, Galvanized	183.27	20.41
23 35 13 00-0044		45 Degree Elbow *(23 35 13 00-0011)*		
23 35 13 00-0045	EA	2-1/8" 45 Degree Elbow, Vacuum Tubing, Galvanized	26.45	8.79
23 35 13 00-0046	EA	2-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	31.84	9.40
23 35 13 00-0047	EA	3" 45 Degree Elbow, Vacuum Tubing, Galvanized	36.12	10.24
23 35 13 00-0048	EA	3-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	41.88	11.08
23 35 13 00-0049	EA	4" 45 Degree Elbow, Vacuum Tubing, Galvanized	49.92	12.23
23 35 13 00-0050	EA	5" 45 Degree Elbow, Vacuum Tubing, Galvanized	69.74	13.61
23 35 13 00-0051	EA	6" 45 Degree Elbow, Vacuum Tubing, Galvanized	88.14	15.29
23 35 13 00-0052	EA	8" 45 Degree Elbow, Vacuum Tubing, Galvanized	153.35	20.41
23 35 13 00-0053		Wye *(23 35 13 00-0011)*		
23 35 13 00-0054	EA	2-1/8" Wye, Vacuum Tubing, Galvanized	48.90	14.53
23 35 13 00-0055	EA	2-1/2" Wye, Vacuum Tubing, Galvanized	56.94	15.67
23 35 13 00-0056	EA	3" Wye, Vacuum Tubing, Galvanized	67.35	16.81
23 35 13 00-0057	EA	3-1/2" Wye, Vacuum Tubing, Galvanized	79.77	18.73
23 35 13 00-0058	EA	4" Wye, Vacuum Tubing, Galvanized	102.04	20.26
23 35 13 00-0059	EA	5" Wye, Vacuum Tubing, Galvanized	160.84	22.55
23 35 13 00-0060	EA	6" Wye, Vacuum Tubing, Galvanized	208.67	25.61
23 35 13 00-0061	EA	8" Wye, Vacuum Tubing, Galvanized	390.04	27.90
23 35 13 00-0062	EA	10" Wye, Vacuum Tubing, Galvanized	532.26	30.57
23 35 13 00-0063	EA	12" Wye, Vacuum Tubing, Galvanized	668.26	34.25
23 35 13 00-0064		Air Gate Valve, Galvanized *(23 35 13 00-0011)*		
23 35 13 00-0065	EA	2-1/8" Air Gate Valve, Vacuum Tubing, Galvanized	156.31	20.41
23 35 13 00-0066	EA	2-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	164.17	21.79
23 35 13 00-0067	EA	3" Air Gate Valve, Vacuum Tubing, Galvanized	187.27	23.47
23 35 13 00-0068	EA	3-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	211.18	25.07
23 35 13 00-0069	EA	4" Air Gate Valve, Vacuum Tubing, Galvanized	236.88	26.60
23 35 13 00-0070	EA	5" Air Gate Valve, Vacuum Tubing, Galvanized	278.60	30.35
23 35 13 00-0071	EA	6" Air Gate Valve, Vacuum Tubing, Galvanized	319.66	34.02
23 35 16		**Engine Exhaust Systems** *(23 35)*		
23 35 16 16		**Mechanical Engine Exhaust Systems** *(23 35 16)*		
23 35 16 16-0001		Overhead Tailpipe Exhaust System *(23 35 16 16)*		
23 35 16 16-0002		Overhead Tailpipe Exhaust Blowers *(23 35 16 16-0001)*		
23 35 16 16-0003		Overhead Direct Drive Tailpipe Exhaust Blowers *(23 35 16 16-0002)*		
23 35 16 16-0004	EA	495 CFM 1/3 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	1,842.76	162.82
23 35 16 16-0005	EA	1445 CFM 3/4 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	2,209.38	332.51
23 35 16 16-0006	EA	1840 CFM 1-1/2 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	3,042.98	402.83
23 35 16 16-0007		Overhead Belt Drive Tailpipe Exhaust Blowers *(23 35 16 16-0002)*		
23 35 16 16-0008	EA	1400 CFM 1 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	2,153.04	332.51
23 35 16 16-0009	EA	2023 CFM 1-1/2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	2,319.29	402.83
23 35 16 16-0010	EA	2750 CFM 2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	2,858.93	637.50
23 35 16 16-0011	EA	4400 CFM 3 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	3,521.12	822.48
23 35 16 16-0012	EA	7060 CFM 5 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	4,418.91	979.94
23 35 16 16-0013		Spiral Exhaust Duct Accessories *(23 35 16 16-0001)*		
23 35 16 16-0014		Flex Hose x Length *(23 35 16 16-0013)*		
		Note: Includes duct coupler, damper and tailpipe adapter.		
23 35 16 16-0015	EA	3" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	140.54	40.51
23 35 16 16-0016	EA	3" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	113.11	40.51
23 35 16 16-0017	EA	4" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	213.16	64.21
23 35 16 16-0018	EA	4" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	167.33	64.21
23 35 16 16-0019	EA	5" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	288.95	101.66
23 35 16 16-0020	EA	5" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	272.54	101.66
23 35 16 16-0021	EA	6" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	434.42	161.28
23 35 16 16-0022	EA	6" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	399.92	161.28
23 35 16 16-0023		Flex Hose With Duct Coupler, Damper And Diesel Exhaust Adapter *(23 35 16 16-0013)*		
23 35 16 16-0024	EA	4" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	162.41	40.51
23 35 16 16-0025	EA	5" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	229.13	64.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 16 16-0026	EA	4" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	130.82	40.51
23 35 16 16-0027	EA	5" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	182.26	64.21
23 35 16 16-0028	EA	6" x 25' High Pressure, Stainless Steel Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	1,591.64	54.58
23 35 16 16-0029	EA	8" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter	1,329.37	100.14
23 35 16 16-0030	EA	10" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter	1,477.91	100.14
23 35 16 16-0031	LF	8" Heat-Resistant Fabric Flex Hose (650 Degree F.)	68.88	7.80
23 35 16 16-0032	LF	10" Heat-Resistant Fabric Flex Hose (650 Degree F.)	78.01	7.80

23 35 16 16-0033 Flexible Hose *(23 35 16 16-0013)*

23 35 16 16-0034	LF	3" Stainless Steel Flexible Tubing	21.32	1.91
23 35 16 16-0035	LF	4" Stainless Steel Flexible Tubing	27.00	2.14
23 35 16 16-0036	LF	5" Stainless Steel Flexible Tubing	31.94	2.22
23 35 16 16-0037	LF	6" Stainless Steel Flexible Tubing	37.58	2.37
23 35 16 16-0038	LF	3" Galvanized Flexible Tubing	13.57	1.91
23 35 16 16-0039	LF	4" Galvanized Flexible Tubing	15.90	2.14
23 35 16 16-0040	LF	5" Galvanized Flexible Tubing	18.16	2.22
23 35 16 16-0041	LF	6" Galvanized Flexible Tubing	20.22	2.37

23 35 16 16-0042 Accessories *(23 35 16 16-0001)*

23 35 16 16-0043	EA	3" Tail Pipe Adapter	56.80	5.73
23 35 16 16-0044	EA	4" Tail Pipe Adapter	58.61	5.73
23 35 16 16-0045	EA	5" Tail Pipe Adapter	61.96	6.50
23 35 16 16-0046	EA	3" Bullnose (Guide)	30.82	3.82
23 35 16 16-0047	EA	4" Bullnose (Guide)	32.59	4.20
23 35 16 16-0048	EA	5" Bullnose (Guide)	34.67	4.58
23 35 16 16-0049	EA	Flex-Hose Winch And Associated Hardware	208.72	43.35
23 35 16 16-0050	LF	Flex-Hose Winch Cable, 1/8" Galvanized Wire Rope	0.15	

23 35 19 Fume Exhaust *(23 35)*

23 35 19 00-0001	EA	Fume Exhauster, 1 1/2 HP 630 CFM With Out Hose And Intake Nozzle	1,402.15	305.52
23 35 19 00-0002	EA	Hose Extension Kit 5'	257.76	67.87

23 36 Air Terminal Units *(23 30)*

23 36 13 Constant-Air-Volume Units *(23 36)*

23 36 13 00-0001 Vertical Units, With Electric Heating Coils *(23 36 13)*

23 36 13 00-0002	EA	60 CFM Vertical Induction Unit, With Electric Heating Coils	1,189.87	134.26
23 36 13 00-0003	EA	90 CFM Vertical Induction Unit, With Electric Heating Coils	1,423.18	144.59
23 36 13 00-0004	EA	120 CFM Vertical Induction Unit, With Electric Heating Coils	1,516.15	149.76
23 36 13 00-0005	EA	150 CFM Vertical Induction Unit, With Electric Heating Coils	1,619.46	160.09
23 36 13 00-0006	EA	175 CFM Vertical Induction Unit, With Electric Heating Coils	1,819.37	165.25

23 36 13 00-0007 Horizontal Units, With Electric Heating Coils *(23 36 13)*

23 36 13 00-0008	EA	60 CFM Horizontal Induction Unit, With Electric Heating Coils	1,019.82	134.26
23 36 13 00-0009	EA	90 CFM Horizontal Induction Unit, With Electric Heating Coils	1,210.53	144.59
23 36 13 00-0010	EA	120 CFM Horizontal Induction Unit, With Electric Heating Coils	1,434.60	152.34

23 36 13 00-0011 Duct Boxes, Constant Volume Control *(23 36 13)*

23 36 13 00-0012 Single Duct Boxes, Constant Volume Control *(23 36 13 00-0011)*

23 36 13 00-0013	EA	4 - 6" Diameter Inlet, 50 - 240 CFM, Single Duct Boxes, Constant Volume Control	798.77	31.54
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0014	EA	6 - 8" Diameter Inlet, 100 - 480 CFM, Single Duct Boxes, Constant Volume Control	883.78	34.04
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0015	EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Single Duct Boxes, Constant Volume Control	919.47	37.35
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0016	EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Single Duct Boxes, Constant Volume Control	936.75	39.01
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0017	EA	12" Diameter Inlet, 250 - 1200 CFM, Single Duct Boxes, Constant Volume Control	952.85	43.16
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0018	EA	14" Diameter Inlet, 350 - 1680 CFM, Single Duct Boxes, Constant Volume Control	1,089.37	48.14
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0019	EA	16" Diameter Inlet, 450 - 2160 CFM, Single Duct Boxes, Constant Volume Control	1,145.03	53.95
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0020	EA	20" x 16" Inlet, 550 - 2640 CFM, Single Duct Boxes, Constant Volume Control	1,219.58	64.74
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0021	EA	24" x 16" Inlet, 650 - 3120 CFM, Single Duct Boxes, Constant Volume Control	1,293.62	74.70
		For Boxes With Motor, Add	*20.00*	

23 36 13 00-0022 Dual Duct Boxes, Constant Volume Control *(23 36 13 00-0011)*

23 36 13 00-0023	EA	4 - 6" Diameter Inlet, 50 - 240 CFM, Dual Duct Boxes, Constant Volume Control	1,115.97	31.54
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0024	EA	6 - 8" Diameter Inlet, 100 - 480 CFM, Dual Duct Boxes, Constant Volume Control	1,194.22	34.04
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0025	EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Dual Duct Boxes, Constant Volume Control	1,247.55	37.35
		For Boxes With Motor, Add	*20.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 13 00-0026	EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Dual Duct Boxes, Constant Volume Control	1,299.79	39.01
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0027	EA	12" Diameter Inlet, 250 - 1200 CFM, Dual Duct Boxes, Constant Volume Control	1,315.89	43.16
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0028	EA	14" Diameter Inlet, 350 - 1680 CFM, Dual Duct Boxes, Constant Volume Control	1,511.81	48.97
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0029	EA	16" Diameter Inlet, 450 - 2160 CFM, Dual Duct Boxes, Constant Volume Control	1,653.40	53.95
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0030	EA	20" x 16" Inlet, 550 - 2640 CFM, Dual Duct Boxes, Constant Volume Control	1,784.54	64.74
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0031	EA	24" x 16" Inlet, 650 - 3120 CFM, Dual Duct Boxes, Constant Volume Control	1,867.58	74.70
		For Boxes With Motor, Add	*20.00*	

23 36 16 Variable-Air-Volume Units *(23 36)*

23 36 16 00-0001 Variable Volume Terminal Unit *(23 36 16)*

Note: Includes flow controllers, insulated plenum, system powered box mounted thermostat.

23 36 16 00-0002 Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: Enclosure only. For mounting DDC controls.

23 36 16 00-0003	EA	6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls	243.05	38.18
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0004	EA	8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls	273.77	43.16
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0005	EA	10" Diameter Inlet, 230 - 1400 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls	306.56	48.14
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0006	EA	12" Diameter Inlet, 325 - 2000 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls	333.11	53.95
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0007	EA	14" Diameter Inlet, 450 - 3000 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls	452.47	116.12
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0008	EA	16" Diameter Inlet, 580 - 4000 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls	588.91	137.78
		For Filters And Frames, Add	*6.30*	

23 36 16 00-0009 Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: With pneumatic controls.

23 36 16 00-0010	EA	6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With pneumatic controller	404.70	38.18
		For Fan Powered Variable Air Volume Box, Add	*343.94*	
		For Hot Water Coils, Add	*40.55*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0011	EA	8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With pneumatic controller	443.00	43.16
		For Fan Powered Variable Air Volume Box, Add	*369.48*	
		For Hot Water Coils, Add	*40.55*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0012	EA	10" Diameter Inlet, 230 - 1400 CFM, Variable Air Volume Box With pneumatic controller	472.87	48.14
		For Fan Powered Variable Air Volume Box, Add	*382.90*	
		For Hot Water Coils, Add	*40.55*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0013	EA	12" Diameter Inlet, 325 - 2000 CFM, Variable Air Volume Box With pneumatic controller	502.34	53.95
		For Fan Powered Variable Air Volume Box, Add	*395.62*	
		For Hot Water Coils, Add	*40.55*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0014	EA	14" Diameter Inlet, 450 To 3000 CFM, Variable Air Volume Box With pneumatic controller	605.94	116.12
		For Fan Powered Variable Air Volume Box, Add	*448.99*	
		For Hot Water Coils, Add	*40.55*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0015	EA	16" Diameter Inlet, 580 To 4000 CFM, Variable Air Volume Box With pneumatic controller	755.22	137.78
		For Fan Powered Variable Air Volume Box, Add	*498.51*	
		For Hot Water Coils, Add	*40.55*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	

23 36 16 00-0016 Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: With analog electronic controls.

23 36 16 00-0017	EA	6" Diameter Inlet, 60 - 500 CFM, Variable Air Volume Box With analog electronic controls	606.02	38.18
		For Hot Water Coils, Add	*40.55*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0018	EA	8" Diameter Inlet, 105 - 900 CFM, Variable Air Volume Box With analog electronic controls	639.66	43.16
		For Hot Water Coils, Add	*40.55*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0019	EA	10" Diameter Inlet, 165 - 1400 CFM, Variable Air Volume Box With analog electronic controls	672.44	48.14
		For Hot Water Coils, Add	*40.55*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0020	EA	12" Diameter Inlet, 235 - 2000 CFM, Variable Air Volume Box With analog electronic controls	713.00	53.95
		For Hot Water Coils, Add	*40.55*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0021	EA	14" Diameter Inlet, 320 - 3000 CFM, Variable Air Volume Box With analog electronic controls	817.19	116.12
		For Hot Water Coils, Add	*40.55*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0022	EA	16" Diameter Inlet, 420 - 4000 CFM, Variable Air Volume Box With analog electronic controls	828.86	116.12
		For Hot Water Coils, Add	*40.55*	
		For Filters And Frames, Add	*6.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 16 00-0023		Dual Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*		
		Note: With flow control installation, plenum system power box, thermostat.		
23 36 16 00-0024	EA	6" Diameter Inlet, 75 - 500 CFM, Variable Air Volume Box, Dual Duct	445.57	75.45
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0025	EA	8" Diameter Inlet, 200 - 700 CFM, Variable Air Volume Box, Dual Duct	491.53	85.90
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0026	EA	10" Diameter Inlet, 400 - 1000 CFM, Variable Air Volume Box, Dual Duct	532.65	97.03
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0027	EA	12" Diameter Inlet, 600 - 1400 CFM, Variable Air Volume Box, Dual Duct	586.50	108.24
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0028	EA	14" Diameter Inlet, 800 - 2700 CFM, Variable Air Volume Box, Dual Duct	662.86	124.50
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0029	EA	16" Diameter Inlet, 1000 - 3500 CFM, Variable Air Volume Box, Dual Duct	744.02	149.40
		For Filters And Frames, Add	*6.30*	

23 37 Air Outlets And Inlets *(23 30)*

23 37 13 Diffusers, Registers, And Grilles *(23 37)*

23 37 13 00-0001		Wall And Floor Diffusers *(23 37 13)*		
23 37 13 00-0002		Slot Type Linear Diffusers *(23 37 13 00-0001)*		
		Note: For sidewall sill or ceiling 1/2" 3/4/" or 1" slot spacing 1-1/8" border.		
23 37 13 00-0003	LF	1 Slot Linear Diffusers 10 - 70 CFM/LF, Sidewall, Sill, Ceiling	31.86	4.15
		For 3/4" Border, Add	*3.61*	
		For Floor Mounted Diffusers, Add	*4.33*	
		For Stainless Steel, Add	*18.76*	
23 37 13 00-0004	LF	2 Slot Linear Diffusers 20 - 140 CFM/LF, Sidewall, Sill, Ceiling	38.32	4.98
		For 3/4" Border, Add	*4.81*	
		For Floor Mounted Diffusers, Add	*5.77*	
		For Stainless Steel, Add	*25.01*	
23 37 13 00-0005	LF	3 Slot Linear Diffusers 30 - 210 CFM/LF, Sidewall, Sill, Ceiling	51.90	5.81
		For 3/4" Border, Add	*7.58*	
		For Floor Mounted Diffusers, Add	*9.09*	
		For Stainless Steel, Add	*39.40*	
23 37 13 00-0006	LF	4 Slot Linear Diffusers 40 - 280 CFM/LF, Sidewall, Sill, Ceiling	67.36	5.81
		For 3/4" Border, Add	*10.83*	
		For Floor Mounted Diffusers, Add	*12.99*	
		For Stainless Steel, Add	*56.29*	
23 37 13 00-0007	LF	5 Slot Linear Diffusers 50 - 350 CFM/LF, Sidewall, Sill, Ceiling	83.70	6.64
		For 3/4" Border, Add	*14.07*	
		For Floor Mounted Diffusers, Add	*16.89*	
		For Stainless Steel, Add	*73.18*	
23 37 13 00-0008	LF	6 Slot Linear Diffusers 60 - 420 CFM/LF, Sidewall, Sill, Ceiling	97.91	8.30
		For 3/4" Border, Add	*16.60*	
		For Floor Mounted Diffusers, Add	*19.92*	
		For Stainless Steel, Add	*86.31*	
23 37 13 00-0009		Linear Bar Grilles And Registers *(23 37 13 00-0001)*		
		Note: For sidewall sill or ceiling or 15 degree deflection 1/2" bar spacing 1" border aluminum construction.		
23 37 13 00-0010	LF	2" Wide Linear Bar Grilles/Registers 30 - 70 CFM/LF, Sidewall, Sill, Ceiling	88.84	4.98
		For Floor Mount, Add	*6.98*	
		For Opposed Blade Damper, Add	*13.95*	
		For Stainless Steel, Add	*90.69*	
23 37 13 00-0011	LF	3" Wide Linear Bar Grilles/Registers 55 - 143 CFM/LF, Sidewall, Sill, Ceiling	105.78	5.81
		For Floor Mount, Add	*8.42*	
		For Opposed Blade Damper, Add	*16.84*	
		For Stainless Steel, Add	*109.45*	
23 37 13 00-0012	LF	4" Wide Linear Bar Grilles/Registers 80 - 208 CFM/LF, Sidewall, Sill, Ceiling	115.47	5.81
		For Floor Mount, Add	*9.14*	
		For Opposed Blade Damper, Add	*18.28*	
		For Stainless Steel, Add	*118.83*	
23 37 13 00-0013	LF	6" Wide Linear Bar Grilles/Registers 125 - 325 CFM/LF, Sidewall, Sill, Ceiling	142.17	8.30
		For Floor Mount, Add	*11.07*	
		For Opposed Blade Damper, Add	*22.13*	
		For Stainless Steel, Add	*143.85*	
23 37 13 00-0014	LF	9" Wide Linear Bar Grilles/Registers 225 - 450 CFM/LF, Sidewall, Sill, Ceiling	196.27	10.79
		For Floor Mount, Add	*15.40*	
		For Opposed Blade Damper, Add	*30.79*	
		For Stainless Steel, Add	*200.14*	
23 37 13 00-0015	LF	12" Wide Linear Bar Grilles/Registers 225 - 495 CFM/LF, Sidewall, Sill, Ceiling	227.12	12.45
		For Floor Mount, Add	*17.56*	
		For Opposed Blade Damper, Add	*35.12*	
		For Stainless Steel, Add	*228.28*	
23 37 13 00-0016		Ceiling Diffusers *(23 37 13)*		
23 37 13 00-0017		Ceiling Diffusers With Perforated Face *(23 37 13 00-0016)*		
		Note: Flush mount, aluminum construction, includes damper.		
23 37 13 00-0018	EA	6" x 6" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	70.78	10.79
		For Steel Construction, Deduct	*-4.22*	
		For Surface Mount, Deduct	*-3.37*	
		For Diffuser Without Damper, Deduct	*-5.62*	
		For Stainless Steel, Add	*70.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0019	EA	8" x 8" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	77.02	10.79
		For Steel Construction, Deduct	*-5.15*	
		For Surface Mount, Deduct	*-4.12*	
		For Diffuser Without Damper, Deduct	*-6.87*	
		For Stainless Steel, Add	*85.85*	
23 37 13 00-0020	EA	9" x 9" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	77.02	10.79
		For Steel Construction, Deduct	*-5.15*	
		For Surface Mount, Deduct	*-4.12*	
		For Diffuser Without Damper, Deduct	*-6.87*	
		For Stainless Steel, Add	*85.85*	
23 37 13 00-0021	EA	10" x 10" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	92.62	13.28
		For Steel Construction, Deduct	*-6.17*	
		For Surface Mount, Deduct	*-4.93*	
		For Diffuser Without Damper, Deduct	*-8.22*	
		For Stainless Steel, Add	*102.75*	
23 37 13 00-0022	EA	12" x 12" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	92.62	12.45
		For Steel Construction, Deduct	*-6.17*	
		For Surface Mount, Deduct	*-4.93*	
		For Diffuser Without Damper, Deduct	*-8.22*	
		For Stainless Steel, Add	*102.75*	
23 37 13 00-0023	EA	16" x 16" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	104.07	12.45
		For Steel Construction, Deduct	*-7.88*	
		For Surface Mount, Deduct	*-6.31*	
		For Diffuser Without Damper, Deduct	*-10.51*	
		For Stainless Steel, Add	*131.38*	
23 37 13 00-0024	EA	18" x 18" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	121.18	16.60
		For Steel Construction, Deduct	*-8.48*	
		For Surface Mount, Deduct	*-6.78*	
		For Diffuser Without Damper, Deduct	*-11.30*	
		For Stainless Steel, Add	*141.25*	
23 37 13 00-0025	EA	20" x 20" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	138.46	17.43
		For Steel Construction, Deduct	*-10.58*	
		For Surface Mount, Deduct	*-8.47*	
		For Diffuser Without Damper, Deduct	*-14.11*	
		For Stainless Steel, Add	*176.38*	
23 37 13 00-0026	EA	24" x 24" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	157.51	19.92
		For Steel Construction, Deduct	*-11.77*	
		For Surface Mount, Deduct	*-9.42*	
		For Lay-In Mount, Deduct	*-9.42*	
		For Diffuser Without Damper, Deduct	*-15.69*	
		For Stainless Steel, Add	*196.15*	

23 37 13 00-0027 Ceiling Diffusers With Louver Face *(23 37 13 00-0016)*

Note: 1 To 4 way adjustable pattern, surface mount aluminum construction.

23 37 13 00-0028	EA	6" x 6" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	72.86	10.79
		For Steel Construction, Deduct	*-4.53*	
		For Lay-In Mount, Add	*6.04*	
		For Stainless Steel, Add	*75.45*	
23 37 13 00-0029	EA	8" x 8" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	80.97	10.79
		For Steel Construction, Deduct	*-5.74*	
		For Lay-In Mount, Add	*7.66*	
		For Stainless Steel, Add	*95.73*	
23 37 13 00-0030	EA	9" x 9" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	80.97	10.79
		For Steel Construction, Deduct	*-5.74*	
		For Lay-In Mount, Add	*7.66*	
		For Stainless Steel, Add	*95.73*	
23 37 13 00-0031	EA	10" x 10" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	97.31	12.45
		For Steel Construction, Deduct	*-6.87*	
		For Lay-In Mount, Add	*9.16*	
		For Stainless Steel, Add	*114.48*	
23 37 13 00-0032	EA	12" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	97.31	13.28
		For Steel Construction, Deduct	*-6.87*	
		For Lay-In Mount, Add	*9.16*	
		For Stainless Steel, Add	*114.48*	
23 37 13 00-0033	EA	24" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	124.90	16.60
		For Steel Construction, Deduct	*-8.99*	
		For Lay-In Mount, Add	*11.99*	
		For Stainless Steel, Add	*149.85*	
23 37 13 00-0034	EA	14" x 14" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	113.87	16.60
		For Steel Construction, Deduct	*-7.34*	
		For Lay-In Mount, Add	*9.78*	
		For Stainless Steel, Add	*122.28*	
23 37 13 00-0035	EA	18" x 18" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	141.38	19.92
		For Steel Construction, Deduct	*-9.41*	
		For Lay-In Mount, Add	*12.55*	
		For Stainless Steel, Add	*156.88*	
23 37 13 00-0036	EA	21" x 21" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	160.95	22.41
		For Steel Construction, Deduct	*-11.71*	
		For Lay-In Mount, Add	*15.61*	
		For Stainless Steel, Add	*195.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0037	EA	24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	174.99	43.90
		For Steel Construction, Deduct	*-13.07*	
		For Lay-In Mount, Add	*17.42*	
		For Stainless Steel, Add	*217.75*	
23 37 13 00-0038		**Round Ceiling Diffusers With Fixed Pattern** *(23 37 13 00-0016)*		
		Note: Aluminum construction.		
23 37 13 00-0039	EA	6" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	110.22	10.79
		For Steel Construction, Deduct	*-20.26*	
		For Stainless Steel, Add	*168.85*	
23 37 13 00-0040	EA	8" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	113.69	10.79
		For Steel Construction, Deduct	*-21.30*	
		For Stainless Steel, Add	*177.53*	
23 37 13 00-0041	EA	10" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	129.46	13.28
		For Steel Construction, Deduct	*-23.38*	
		For Stainless Steel, Add	*194.85*	
23 37 13 00-0042	EA	12" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	138.12	12.45
		For Steel Construction, Deduct	*-25.98*	
		For Stainless Steel, Add	*216.50*	
23 37 13 00-0043	EA	14" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	193.12	14.94
		For Steel Construction, Deduct	*-40.01*	
		For Stainless Steel, Add	*333.40*	
23 37 13 00-0044	EA	18" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	213.90	16.60
		For Steel Construction, Deduct	*-44.68*	
		For Stainless Steel, Add	*372.35*	
23 37 13 00-0045	EA	20" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	244.95	16.60
		For Steel Construction, Deduct	*-53.11*	
		For Stainless Steel, Add	*442.60*	
23 37 13 00-0046	EA	24" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	290.23	19.09
		For Steel Construction, Deduct	*-64.66*	
		For Stainless Steel, Add	*538.83*	
23 37 13 00-0047	EA	28" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	324.95	19.92
		For Steel Construction, Deduct	*-73.90*	
		For Stainless Steel, Add	*615.80*	
23 37 13 00-0048	EA	32" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	386.16	22.41
		For Steel Construction, Deduct	*-89.48*	
		For Stainless Steel, Add	*745.68*	
23 37 13 00-0049		**Round Ceiling Diffusers With Adjustable Pattern Dropped Style** *(23 37 13 00-0016)*		
		Note: Aluminum construction.		
23 37 13 00-0050	EA	6" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	115.42	10.79
		For Steel Construction, Deduct	*-7.27*	
		For Flush Mount, Deduct	*-3.64*	
		For Stainless Steel, Add	*181.85*	
23 37 13 00-0051	EA	8" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	124.37	10.79
		For Steel Construction, Deduct	*-8.17*	
		For Flush Mount, Deduct	*-4.08*	
		For Stainless Steel, Add	*204.23*	
23 37 13 00-0052	EA	10" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	141.96	13.28
		For Steel Construction, Deduct	*-9.04*	
		For Flush Mount, Deduct	*-4.52*	
		For Stainless Steel, Add	*226.10*	
23 37 13 00-0053	EA	12" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	151.97	13.28
		For Steel Construction, Deduct	*-10.05*	
		For Flush Mount, Deduct	*-5.02*	
		For Stainless Steel, Add	*251.13*	
23 37 13 00-0054	EA	14" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	215.63	14.94
		For Steel Construction, Deduct	*-15.59*	
		For Flush Mount, Deduct	*-7.79*	
		For Stainless Steel, Add	*389.68*	
23 37 13 00-0055	EA	18" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	242.19	16.60
		For Steel Construction, Deduct	*-17.72*	
		For Flush Mount, Deduct	*-8.86*	
		For Stainless Steel, Add	*443.08*	
23 37 13 00-0056	EA	20" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	278.63	17.43
		For Steel Construction, Deduct	*-21.07*	
		For Flush Mount, Deduct	*-10.54*	
		For Stainless Steel, Add	*526.80*	
23 37 13 00-0057	EA	24" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	314.09	19.09
		For Steel Construction, Deduct	*-23.94*	
		For Flush Mount, Deduct	*-11.97*	
		For Stainless Steel, Add	*598.48*	
23 37 13 00-0058	EA	28" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	376.90	19.92
		For Steel Construction, Deduct	*-29.83*	
		For Flush Mount, Deduct	*-14.91*	
		For Stainless Steel, Add	*745.68*	
23 37 13 00-0059	EA	32" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	451.78	22.41
		For Steel Construction, Deduct	*-36.39*	
		For Flush Mount, Deduct	*-18.19*	
		For Stainless Steel, Add	*909.73*	
23 37 13 00-0060	EA	36" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	499.23	46.73
		For Stainless Steel, Add	*1,014.63*	
23 37 13 00-0061		**Linear Type Ceiling Diffusers With 2-Way Air Deflection** *(23 37 13 00-0016)*		
23 37 13 00-0062	LF	4" Linear Type Ceiling Diffuser 40-200 CFM/LF, With 2-Way Air Deflection	93.51	12.45
		For Stainless Steel, Add	*109.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0063	LF	6-1/4" Linear Type Ceiling Diffuser, 41 - 206 CFM/LF, With 2-Way Air Deflection	99.45	12.45
		For Stainless Steel, Add	*124.13*	
23 37 13 00-0064	LF	9-1/4" Linear Type Ceiling Diffuser, 62 - 312 CFM/LF, With 2-Way Air Deflection	106.76	12.45
		For Stainless Steel, Add	*142.40*	
23 37 13 00-0065	LF	12-1/4" Linear Type Ceiling Diffuser, 131 - 656 CFM/LF, With 2-Way Air Deflection	113.88	12.45
		For Stainless Steel, Add	*160.20*	

23 37 13 00-0066 Return/Exhaust Registers *(23 37 13)*

23 37 13 00-0067 Return/Exhaust Registers With Frame *(23 37 13 00-0066)*

Note: Single deflection with opposed blade damper aluminum construction wall or ceiling mount.

23 37 13 00-0068	EA	8" x 4" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	64.49	6.64
		For Steel Construction, Deduct	*-7.75*	
		For Grilles (No Damper), Deduct	*-15.49*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*3.87*	
		For Cube Core Lay In, Add	*7.75*	
		For Stainless Steel, Add	*96.83*	
23 37 13 00-0069	EA	8" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	72.91	6.64
		For Steel Construction, Deduct	*-9.43*	
		For Grilles (No Damper), Deduct	*-18.86*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*4.72*	
		For Cube Core Lay In, Add	*9.43*	
		For Stainless Steel, Add	*117.88*	
23 37 13 00-0070	EA	10" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	82.08	7.47
		For Steel Construction, Deduct	*-10.44*	
		For Grilles (No Damper), Deduct	*-20.88*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*5.22*	
		For Cube Core Lay In, Add	*10.44*	
		For Stainless Steel, Add	*130.50*	
23 37 13 00-0071	EA	10" x 10" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	86.94	8.30
		For Steel Construction, Deduct	*-10.44*	
		For Grilles (No Damper), Deduct	*-20.88*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*5.22*	
		For Cube Core Lay In, Add	*10.44*	
		For Stainless Steel, Add	*130.50*	
23 37 13 00-0072	EA	12" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	83.57	8.30
		For Steel Construction, Deduct	*-9.77*	
		For Grilles (No Damper), Deduct	*-19.53*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*4.88*	
		For Cube Core Lay In, Add	*9.77*	
		For Stainless Steel, Add	*122.08*	
23 37 13 00-0073	EA	12" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	106.66	10.79
		For Steel Construction, Deduct	*-12.80*	
		For Grilles (No Damper), Deduct	*-25.59*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*6.40*	
		For Cube Core Lay In, Add	*12.80*	
		For Stainless Steel, Add	*159.95*	
23 37 13 00-0074	EA	16" x 16" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	127.92	12.45
		For Steel Construction, Deduct	*-15.28*	
		For Grilles (No Damper), Deduct	*-30.56*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*7.64*	
		For Cube Core Lay In, Add	*15.28*	
		For Stainless Steel, Add	*191.00*	
23 37 13 00-0075	EA	18" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	155.73	14.94
		For Steel Construction, Deduct	*-19.19*	
		For Grilles (No Damper), Deduct	*-38.39*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*9.60*	
		For Cube Core Lay In, Add	*19.19*	
		For Stainless Steel, Add	*239.93*	
23 37 13 00-0076	EA	20" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	181.18	16.60
		For Steel Construction, Deduct	*-23.24*	
		For Grilles (No Damper), Deduct	*-46.49*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*11.62*	
		For Cube Core Lay In, Add	*23.24*	
		For Stainless Steel, Add	*290.55*	
23 37 13 00-0077	EA	24" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	165.12	16.60
		For Steel Construction, Deduct	*-19.44*	
		For Grilles (No Damper), Deduct	*-38.88*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*9.72*	
		For Cube Core Lay In, Add	*19.44*	
		For Stainless Steel, Add	*243.03*	
23 37 13 00-0078	EA	24" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	185.77	16.60
		For Steel Construction, Deduct	*-23.57*	
		For Grilles (No Damper), Deduct	*-47.14*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*11.79*	
		For Cube Core Lay In, Add	*23.57*	
		For Stainless Steel, Add	*294.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0079	EA	24" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	196.86	19.09
		For Steel Construction, Deduct	*-24.43*	
		For Grilles (No Damper), Deduct	*-48.86*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*12.22*	
		For Cube Core Lay In, Add	*24.43*	
		For Stainless Steel, Add	*305.40*	
23 37 13 00-0080	EA	30" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	208.46	19.92
		For Steel Construction, Deduct	*-25.97*	
		For Grilles (No Damper), Deduct	*-51.93*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*12.98*	
		For Cube Core Lay In, Add	*25.97*	
		For Stainless Steel, Add	*324.58*	
23 37 13 00-0081	EA	30" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	239.42	22.41
		For Steel Construction, Deduct	*-30.31*	
		For Grilles (No Damper), Deduct	*-60.61*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*15.15*	
		For Cube Core Lay In, Add	*30.31*	
		For Stainless Steel, Add	*378.83*	
23 37 13 00-0082	EA	30" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	270.71	26.56
		For Steel Construction, Deduct	*-32.80*	
		For Grilles (No Damper), Deduct	*-65.60*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*16.40*	
		For Cube Core Lay In, Add	*32.80*	
		For Stainless Steel, Add	*409.98*	
23 37 13 00-0083	EA	30" x 30" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	342.01	26.56
		For Steel Construction, Deduct	*-47.06*	
		For Grilles (No Damper), Deduct	*-94.12*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*23.53*	
		For Cube Core Lay In, Add	*47.06*	
		For Stainless Steel, Add	*588.23*	
23 37 13 00-0084	EA	36" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	292.08	29.05
		For Steel Construction, Deduct	*-35.43*	
		For Grilles (No Damper), Deduct	*-70.86*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*17.72*	
		For Cube Core Lay In, Add	*35.43*	
		For Stainless Steel, Add	*442.90*	
23 37 13 00-0085	EA	36" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	285.30	28.23
		For Steel Construction, Deduct	*-34.08*	
		For Grilles (No Damper), Deduct	*-68.15*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*17.04*	
		For Cube Core Lay In, Add	*34.08*	
		For Stainless Steel, Add	*425.95*	
23 37 13 00-0086	EA	36" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	322.93	31.54
		For Steel Construction, Deduct	*-39.69*	
		For Grilles (No Damper), Deduct	*-79.37*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*19.84*	
		For Cube Core Lay In, Add	*39.69*	
		For Stainless Steel, Add	*496.08*	
23 37 13 00-0087	EA	36" x 36" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	427.86	34.04
		For Steel Construction, Deduct	*-58.41*	
		For Grilles (No Damper), Deduct	*-116.82*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*29.20*	
		For Cube Core Lay In, Add	*58.41*	
		For Stainless Steel, Add	*730.10*	
23 37 13 00-0088	EA	24" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	194.76	19.17
		For Steel Construction, Deduct	*-23.63*	
		For Grilles (No Damper), Deduct	*-47.26*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*11.82*	
		For Cube Core Lay In, Add	*23.63*	
		For Stainless Steel, Add	*295.40*	
23 37 13 00-0089	EA	32" x 40" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	351.66	33.94
		For Steel Construction, Deduct	*-43.17*	
		For Grilles (No Damper), Deduct	*-86.34*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*21.58*	
		For Cube Core Lay In, Add	*43.17*	
		For Stainless Steel, Add	*539.60*	
23 37 13 00-0090	EA	48" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	372.17	33.20
		For Steel Construction, Deduct	*-49.53*	
		For Grilles (No Damper), Deduct	*-99.07*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*24.77*	
		For Cube Core Lay In, Add	*49.53*	
		For Stainless Steel, Add	*619.18*	

23 37 13 00-0091 Return/Exhaust Registers Removable-Reversible *(23 37 13 00-0066)*
Note: Double deflection core and opposed blade damper radiused frame with boarder aluminum construction.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0092	EA	8" x 4" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	60.11	6.64
		For Steel Construction, Deduct	*-3.44*	
		For Flat Frame, Deduct	*-0.34*	
		For Grilles (No Damper), Deduct	*-6.87*	
		For Stainless Steel, Add	*85.88*	
23 37 13 00-0093	EA	8" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	60.11	6.64
		For Steel Construction, Deduct	*-3.44*	
		For Flat Frame, Deduct	*-0.34*	
		For Grilles (No Damper), Deduct	*-6.87*	
		For Stainless Steel, Add	*85.88*	
23 37 13 00-0094	EA	10" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	73.32	7.47
		For Steel Construction, Deduct	*-4.34*	
		For Flat Frame, Deduct	*-0.43*	
		For Grilles (No Damper), Deduct	*-8.69*	
		For Stainless Steel, Add	*108.60*	
23 37 13 00-0095	EA	10" x 10" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	84.24	9.13
		For Steel Construction, Deduct	*-4.95*	
		For Flat Frame, Deduct	*-0.50*	
		For Grilles (No Damper), Deduct	*-9.90*	
		For Stainless Steel, Add	*123.75*	
23 37 13 00-0096	EA	12" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	83.23	8.30
		For Steel Construction, Deduct	*-4.85*	
		For Flat Frame, Deduct	*-0.48*	
		For Grilles (No Damper), Deduct	*-9.70*	
		For Stainless Steel, Add	*121.23*	
23 37 13 00-0097	EA	12" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	107.34	10.79
		For Steel Construction, Deduct	*-6.47*	
		For Flat Frame, Deduct	*-0.65*	
		For Grilles (No Damper), Deduct	*-12.93*	
		For Stainless Steel, Add	*161.65*	
23 37 13 00-0098	EA	16" x 16" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	168.38	13.28
		For Steel Construction, Deduct	*-11.69*	
		For Flat Frame, Deduct	*-1.17*	
		For Grilles (No Damper), Deduct	*-23.37*	
		For Stainless Steel, Add	*292.15*	
23 37 13 00-0099	EA	18" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	202.21	14.94
		For Steel Construction, Deduct	*-14.25*	
		For Flat Frame, Deduct	*-1.42*	
		For Grilles (No Damper), Deduct	*-28.49*	
		For Stainless Steel, Add	*356.13*	
23 37 13 00-0100	EA	20" x 20" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	227.62	16.60
		For Steel Construction, Deduct	*-16.27*	
		For Flat Frame, Deduct	*-1.63*	
		For Grilles (No Damper), Deduct	*-32.53*	
		For Stainless Steel, Add	*406.65*	
23 37 13 00-0101	EA	24" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	193.18	16.60
		For Steel Construction, Deduct	*-12.53*	
		For Flat Frame, Deduct	*-1.25*	
		For Grilles (No Damper), Deduct	*-25.05*	
		For Stainless Steel, Add	*313.18*	
23 37 13 00-0102	EA	24" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	253.80	17.43
		For Steel Construction, Deduct	*-18.59*	
		For Flat Frame, Deduct	*-1.86*	
		For Grilles (No Damper), Deduct	*-37.18*	
		For Stainless Steel, Add	*464.73*	
23 37 13 00-0103	EA	24" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	294.94	19.09
		For Steel Construction, Deduct	*-22.02*	
		For Flat Frame, Deduct	*-2.20*	
		For Grilles (No Damper), Deduct	*-44.05*	
		For Stainless Steel, Add	*550.60*	
23 37 13 00-0104	EA	30" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	232.19	19.92
		For Steel Construction, Deduct	*-15.36*	
		For Flat Frame, Deduct	*-1.54*	
		For Grilles (No Damper), Deduct	*-30.71*	
		For Stainless Steel, Add	*383.90*	
23 37 13 00-0105	EA	30" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	314.19	22.41
		For Steel Construction, Deduct	*-22.63*	
		For Flat Frame, Deduct	*-2.26*	
		For Grilles (No Damper), Deduct	*-45.26*	
		For Stainless Steel, Add	*565.75*	
23 37 13 00-0106	EA	30" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	378.49	26.56
		For Steel Construction, Deduct	*-27.18*	
		For Flat Frame, Deduct	*-2.72*	
		For Grilles (No Damper), Deduct	*-54.35*	
		For Stainless Steel, Add	*679.43*	
23 37 13 00-0107	EA	30" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	429.50	26.56
		For Steel Construction, Deduct	*-32.28*	
		For Flat Frame, Deduct	*-3.23*	
		For Grilles (No Damper), Deduct	*-64.56*	
		For Stainless Steel, Add	*806.95*	
23 37 13 00-0108	EA	36" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	303.84	28.23
		For Steel Construction, Deduct	*-18.89*	
		For Flat Frame, Deduct	*-1.89*	
		For Grilles (No Damper), Deduct	*-37.78*	
		For Stainless Steel, Add	*472.30*	
23 37 13 00-0109	EA	36" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	400.83	28.23
		For Steel Construction, Deduct	*-28.59*	
		For Flat Frame, Deduct	*-2.86*	
		For Grilles (No Damper), Deduct	*-57.18*	
		For Stainless Steel, Add	*714.78*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0110	EA	36" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	461.93	31.54
		For Steel Construction, Deduct	*-33.74*	
		For Flat Frame, Deduct	*-3.37*	
		For Grilles (No Damper), Deduct	*-67.49*	
		For Stainless Steel, Add	*843.58*	
23 37 13 00-0111	EA	36" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	537.41	34.04
		For Steel Construction, Deduct	*-40.16*	
		For Flat Frame, Deduct	*-4.02*	
		For Grilles (No Damper), Deduct	*-80.32*	
		For Stainless Steel, Add	*1,003.98*	
23 37 13 00-0112	EA	36" x 36" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	565.69	34.04
		For Steel Construction, Deduct	*-42.99*	
		For Flat Frame, Deduct	*-4.30*	
		For Grilles (No Damper), Deduct	*-85.97*	
		For Stainless Steel, Add	*1,074.68*	

23 37 13 00-0113 Supply Registers and Grilles *(23 37 13)*

23 37 13 00-0114 Adjustable Curved Blade Register *(23 37 13 00-0113)*

Note: Ceiling mount aluminum construction four way pattern flush frame.

23 37 13 00-0115	EA	6" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	55.16	6.64
		For Steel Construction, Deduct	*-4.42*	
		For Lay In Frame, Deduct	*-7.36*	
		For Three Way Pattern, Deduct	*-2.94*	
		For Two Way Pattern, Deduct	*-2.36*	
		For One Way Pattern, Deduct	*-2.36*	
		For Grille (No Damper), Deduct	*-4.42*	
		For Stainless Steel, Add	*73.60*	
23 37 13 00-0116	EA	8" x 8" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	56.89	6.64
		For Steel Construction, Deduct	*-4.68*	
		For Lay In Frame, Deduct	*-7.79*	
		For Three Way Pattern, Deduct	*-3.12*	
		For Two Way Pattern, Deduct	*-2.49*	
		For One Way Pattern, Deduct	*-2.49*	
		For Grille (No Damper), Deduct	*-4.68*	
		For Stainless Steel, Add	*77.93*	
23 37 13 00-0117	EA	12" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	64.26	9.13
		For Steel Construction, Deduct	*-4.42*	
		For Lay In Frame, Deduct	*-7.36*	
		For Three Way Pattern, Deduct	*-2.94*	
		For Two Way Pattern, Deduct	*-2.36*	
		For One Way Pattern, Deduct	*-2.36*	
		For Grille (No Damper), Deduct	*-4.42*	
		For Stainless Steel, Add	*73.60*	
23 37 13 00-0118	EA	10" x 10" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	70.61	8.30
		For Steel Construction, Deduct	*-5.37*	
		For Lay In Frame, Deduct	*-8.95*	
		For Three Way Pattern, Deduct	*-3.58*	
		For Two Way Pattern, Deduct	*-2.86*	
		For One Way Pattern, Deduct	*-2.86*	
		For Grille (No Damper), Deduct	*-5.37*	
		For Stainless Steel, Add	*89.48*	
23 37 13 00-0119	EA	12" x 12" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	85.04	10.79
		For Steel Construction, Deduct	*-6.41*	
		For Lay In Frame, Deduct	*-10.68*	
		For Three Way Pattern, Deduct	*-4.27*	
		For Two Way Pattern, Deduct	*-3.42*	
		For One Way Pattern, Deduct	*-3.42*	
		For Grille (No Damper), Deduct	*-6.41*	
		For Stainless Steel, Add	*106.80*	
23 37 13 00-0120	EA	14" x 14" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	104.63	12.45
		For Steel Construction, Deduct	*-7.97*	
		For Lay In Frame, Deduct	*-13.28*	
		For Three Way Pattern, Deduct	*-5.31*	
		For Two Way Pattern, Deduct	*-4.25*	
		For One Way Pattern, Deduct	*-4.25*	
		For Grille (No Damper), Deduct	*-7.97*	
		For Stainless Steel, Add	*132.78*	
23 37 13 00-0121	EA	16" x 16" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	104.63	12.45
		For Steel Construction, Deduct	*-7.97*	
		For Lay In Frame, Deduct	*-13.28*	
		For Three Way Pattern, Deduct	*-5.31*	
		For Two Way Pattern, Deduct	*-4.25*	
		For One Way Pattern, Deduct	*-4.25*	
		For Grille (No Damper), Deduct	*-7.97*	
		For Stainless Steel, Add	*132.78*	
23 37 13 00-0122	EA	18" x 18" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	129.34	16.60
		For Steel Construction, Deduct	*-9.70*	
		For Lay In Frame, Deduct	*-16.17*	
		For Three Way Pattern, Deduct	*-6.47*	
		For Two Way Pattern, Deduct	*-5.17*	
		For One Way Pattern, Deduct	*-5.17*	
		For Grille (No Damper), Deduct	*-9.70*	
		For Stainless Steel, Add	*161.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0123	EA	24" x 24" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	165.47	17.43
		For Steel Construction, Deduct	*-14.63*	
		For Lay In Frame, Deduct	*-24.39*	
		For Three Way Pattern, Deduct	*-9.76*	
		For Two Way Pattern, Deduct	*-7.80*	
		For One Way Pattern, Deduct	*-7.80*	
		For Grille (No Damper), Deduct	*-14.63*	
		For Stainless Steel, Add	*243.90*	
23 37 13 00-0124	EA	30" x 30" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	257.74	35.19
		For Steel Construction, Deduct	*-28.10*	
		For Lay In Frame, Deduct	*-46.84*	
		For Three Way Pattern, Deduct	*-18.73*	
		For Two Way Pattern, Deduct	*-14.99*	
		For One Way Pattern, Deduct	*-14.99*	
		For Grille (No Damper), Deduct	*-28.10*	
		For Stainless Steel, Add	*468.35*	

23 37 13 00-0125 Removable-Reversible Core Registers *(23 37 13 00-0113)*

Note: Double deflection radiused frame aluminum construction.

23 37 13 00-0126	EA	6" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	62.67	6.64
		For Steel Construction, Deduct	*-3.70*	
		For Flat Frame, Deduct	*-3.70*	
		For Grille (No Damper), Deduct	*-11.09*	
		For Stainless Steel, Add	*92.38*	
23 37 13 00-0127	EA	8" x 8" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	77.68	6.64
		For Steel Construction, Deduct	*-5.20*	
		For Flat Frame, Deduct	*-5.20*	
		For Grille (No Damper), Deduct	*-15.59*	
		For Stainless Steel, Add	*129.90*	
23 37 13 00-0128	EA	12" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	99.48	9.13
		For Steel Construction, Deduct	*-6.47*	
		For Flat Frame, Deduct	*-6.47*	
		For Grille (No Damper), Deduct	*-19.40*	
		For Stainless Steel, Add	*161.65*	
23 37 13 00-0129	EA	10" x 10" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	100.63	9.13
		For Steel Construction, Deduct	*-6.58*	
		For Flat Frame, Deduct	*-6.58*	
		For Grille (No Damper), Deduct	*-19.74*	
		For Stainless Steel, Add	*164.53*	
23 37 13 00-0130	EA	12" x 12" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	127.76	10.79
		For Steel Construction, Deduct	*-8.54*	
		For Flat Frame, Deduct	*-8.54*	
		For Grille (No Damper), Deduct	*-25.63*	
		For Stainless Steel, Add	*213.60*	
23 37 13 00-0131	EA	14" x 14" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	179.68	13.28
		For Steel Construction, Deduct	*-12.82*	
		For Flat Frame, Deduct	*-12.82*	
		For Grille (No Damper), Deduct	*-38.45*	
		For Stainless Steel, Add	*320.40*	
23 37 13 00-0132	EA	16" x 16" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	200.46	12.45
		For Steel Construction, Deduct	*-14.89*	
		For Flat Frame, Deduct	*-14.89*	
		For Grille (No Damper), Deduct	*-44.68*	
		For Stainless Steel, Add	*372.35*	
23 37 13 00-0133	EA	18" x 18" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	242.49	16.60
		For Steel Construction, Deduct	*-17.78*	
		For Flat Frame, Deduct	*-17.78*	
		For Grille (No Damper), Deduct	*-53.34*	
		For Stainless Steel, Add	*444.53*	
23 37 13 00-0134	EA	24" x 24" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	302.29	16.60
		For Steel Construction, Deduct	*-23.44*	
		For Flat Frame, Deduct	*-23.44*	
		For Grille (No Damper), Deduct	*-70.31*	
		For Stainless Steel, Add	*585.95*	

23 37 13 00-0135 Adjustable Shutter Blade Registers *(23 37 13 00-0113)*

Note: Double deflection flat frame aluminum construction.

23 37 13 00-0136	EA	6" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	93.07	6.64
		For Steel Construction, Deduct	*-6.74*	
		For Single Deflection, Deduct	*-13.47*	
		For Grille (No Damper), Deduct	*-10.10*	
		For Stainless Steel, Add	*168.38*	
23 37 13 00-0137	EA	8" x 8" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	106.54	6.64
		For Steel Construction, Deduct	*-8.08*	
		For Single Deflection, Deduct	*-16.16*	
		For Grille (No Damper), Deduct	*-12.12*	
		For Stainless Steel, Add	*202.05*	
23 37 13 00-0138	EA	12" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	115.64	9.13
		For Steel Construction, Deduct	*-8.08*	
		For Single Deflection, Deduct	*-16.16*	
		For Grille (No Damper), Deduct	*-12.12*	
		For Stainless Steel, Add	*202.05*	
23 37 13 00-0139	EA	10" x 10" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	119.49	8.30
		For Steel Construction, Deduct	*-8.47*	
		For Single Deflection, Deduct	*-16.93*	
		For Grille (No Damper), Deduct	*-12.70*	
		For Stainless Steel, Add	*211.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0140	EA	12" x 12" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	146.23	10.79
		For Steel Construction, Deduct	*-10.39*	
		For Single Deflection, Deduct	*-20.78*	
		For Grille (No Damper), Deduct	*-15.59*	
		For Stainless Steel, Add	*259.78*	
23 37 13 00-0141	EA	14" x 14" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	193.92	12.45
		For Steel Construction, Deduct	*-14.24*	
		For Single Deflection, Deduct	*-28.48*	
		For Grille (No Damper), Deduct	*-21.36*	
		For Stainless Steel, Add	*356.00*	
23 37 13 00-0142	EA	16" x 16" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	226.64	13.28
		For Steel Construction, Deduct	*-17.51*	
		For Single Deflection, Deduct	*-35.02*	
		For Grille (No Damper), Deduct	*-26.27*	
		For Stainless Steel, Add	*437.80*	
23 37 13 00-0143	EA	18" x 18" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	280.21	16.60
		For Steel Construction, Deduct	*-21.55*	
		For Single Deflection, Deduct	*-43.11*	
		For Grille (No Damper), Deduct	*-32.33*	
		For Stainless Steel, Add	*538.83*	
23 37 13 00-0144	EA	24" x 24" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	381.58	17.43
		For Steel Construction, Deduct	*-31.37*	
		For Single Deflection, Deduct	*-62.73*	
		For Grille (No Damper), Deduct	*-47.05*	
		For Stainless Steel, Add	*784.18*	

23 37 13 00-0145 Air Conditioning And Ventilation *(23 37 13 00-0113)*

23 37 13 00-0146	EA	10" x 16" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	48.18	17.43
		For Stainless Steel, Add	*33.40*	
23 37 13 00-0147	EA	18" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	78.60	25.94
		For Stainless Steel, Add	*66.80*	
23 37 13 00-0148	EA	30" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	117.15	36.31
		For Stainless Steel, Add	*111.33*	
23 37 13 00-0149	EA	48" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	246.55	49.80
		For Stainless Steel, Add	*367.38*	

23 37 13 00-0150 Security Supply Or Return Grille *(23 37 13 00-0113)*

Note: Designed for maximum security applications, 3/16" steel face plate with 2" x 2" square holes, 1/4" steel backer plate, 3/16" welded steel sleeve, 10 gauge x 2 wire mesh between face and backer plates, 1" x 1" x 3/16" angle iron frame, standard finish.

23 37 13 00-0151	EA	8" x 4" Steel Security Grille	136.48	12.45
		For Anchoring Tabs, Add	*11.16*	
		For Angle Iron Frame, Add	*19.23*	
		For Rear Operated Opposed Blade Damper, Add	*41.54*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*27.90*	
		For Stainless Steel, Add	*145.05*	
23 37 13 00-0152	EA	8" x 6" Steel Security Grille	150.85	12.86
		For Anchoring Tabs, Add	*12.51*	
		For Angle Iron Frame, Add	*21.34*	
		For Rear Operated Opposed Blade Damper, Add	*46.36*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*31.28*	
		For Stainless Steel, Add	*162.64*	
23 37 13 00-0153	EA	8" x 8" Steel Security Grille	172.75	14.53
		For Anchoring Tabs, Add	*14.37*	
		For Angle Iron Frame, Add	*24.46*	
		For Rear Operated Opposed Blade Damper, Add	*53.20*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*35.93*	
		For Stainless Steel, Add	*186.81*	
23 37 13 00-0154	EA	10" x 4" Steel Security Grille	151.65	14.11
		For Anchoring Tabs, Add	*12.34*	
		For Angle Iron Frame, Add	*21.34*	
		For Rear Operated Opposed Blade Damper, Add	*46.02*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*30.86*	
		For Stainless Steel, Add	*160.45*	
23 37 13 00-0155	EA	10" x 6" Steel Security Grille	161.76	14.94
		For Anchoring Tabs, Add	*13.19*	
		For Angle Iron Frame, Add	*22.77*	
		For Rear Operated Opposed Blade Damper, Add	*49.14*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*32.97*	
		For Stainless Steel, Add	*171.43*	
23 37 13 00-0156	EA	10" x 8" Steel Security Grille	184.53	16.19
		For Anchoring Tabs, Add	*15.22*	
		For Angle Iron Frame, Add	*26.06*	
		For Rear Operated Opposed Blade Damper, Add	*56.49*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*38.04*	
		For Stainless Steel, Add	*197.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0157	EA	10" x 10" Steel Security Grille	205.62	17.44
		For Anchoring Tabs, Add	*17.08*	
		For Angle Iron Frame, Add	*29.10*	
		For Rear Operated Opposed Blade Damper, Add	*63.25*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*42.69*	
		For Stainless Steel, Add	*221.98*	
23 37 13 00-0158	EA	12" x 4" Steel Security Grille	160.04	15.77
		For Anchoring Tabs, Add	*12.85*	
		For Angle Iron Frame, Add	*22.43*	
		For Rear Operated Opposed Blade Damper, Add	*48.13*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*32.12*	
		For Stainless Steel, Add	*167.04*	
23 37 13 00-0159	EA	12" x 6" Steel Security Grille	178.57	17.44
		For Anchoring Tabs, Add	*14.37*	
		For Angle Iron Frame, Add	*25.04*	
		For Rear Operated Opposed Blade Damper, Add	*53.78*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*35.93*	
		For Stainless Steel, Add	*186.81*	
23 37 13 00-0160	EA	12" x 8" Steel Security Grille	203.04	18.68
		For Anchoring Tabs, Add	*16.57*	
		For Angle Iron Frame, Add	*28.59*	
		For Rear Operated Opposed Blade Damper, Add	*61.72*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*41.42*	
		For Stainless Steel, Add	*215.38*	
23 37 13 00-0161	EA	12" x 10" Steel Security Grille	220.74	19.92
		For Anchoring Tabs, Add	*18.09*	
		For Angle Iron Frame, Add	*31.12*	
		For Rear Operated Opposed Blade Damper, Add	*67.30*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*45.23*	
		For Stainless Steel, Add	*235.17*	
23 37 13 00-0162	EA	12" x 12" Steel Security Grille	243.53	21.17
		For Anchoring Tabs, Add	*20.12*	
		For Angle Iron Frame, Add	*34.41*	
		For Rear Operated Opposed Blade Damper, Add	*74.65*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*50.30*	
		For Stainless Steel, Add	*261.55*	
23 37 13 00-0163	EA	14" x 4" Steel Security Grille	170.97	17.02
		For Anchoring Tabs, Add	*13.69*	
		For Angle Iron Frame, Add	*23.94*	
		For Rear Operated Opposed Blade Damper, Add	*51.33*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*34.24*	
		For Stainless Steel, Add	*178.02*	
23 37 13 00-0164	EA	14" x 6" Steel Security Grille	192.07	18.26
		For Anchoring Tabs, Add	*15.55*	
		For Angle Iron Frame, Add	*26.98*	
		For Rear Operated Opposed Blade Damper, Add	*58.09*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*38.89*	
		For Stainless Steel, Add	*202.20*	
23 37 13 00-0165	EA	14" x 8" Steel Security Grille	213.98	19.92
		For Anchoring Tabs, Add	*17.41*	
		For Angle Iron Frame, Add	*30.11*	
		For Rear Operated Opposed Blade Damper, Add	*64.93*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*43.54*	
		For Stainless Steel, Add	*226.38*	
23 37 13 00-0166	EA	14" x 10" Steel Security Grille	240.97	21.58
		For Anchoring Tabs, Add	*19.78*	
		For Angle Iron Frame, Add	*33.99*	
		For Rear Operated Opposed Blade Damper, Add	*73.55*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*49.45*	
		For Stainless Steel, Add	*257.14*	
23 37 13 00-0167	EA	14" x 12" Steel Security Grille	265.41	23.66
		For Anchoring Tabs, Add	*21.81*	
		For Angle Iron Frame, Add	*37.45*	
		For Rear Operated Opposed Blade Damper, Add	*81.06*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*54.52*	
		For Stainless Steel, Add	*283.52*	
23 37 13 00-0168	EA	14" x 14" Steel Security Grille	285.63	25.32
		For Anchoring Tabs, Add	*23.50*	
		For Angle Iron Frame, Add	*40.31*	
		For Rear Operated Opposed Blade Damper, Add	*87.31*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*58.75*	
		For Stainless Steel, Add	*305.50*	
23 37 13 00-0169	EA	16" x 6" Steel Security Grille	205.52	19.92
		For Anchoring Tabs, Add	*16.57*	
		For Angle Iron Frame, Add	*28.84*	
		For Rear Operated Opposed Blade Damper, Add	*61.97*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*41.42*	
		For Stainless Steel, Add	*215.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0170	EA	16" x 8" Steel Security Grille	234.21	21.58
		For Anchoring Tabs, Add	*19.10*	
		For Angle Iron Frame, Add	*32.97*	
		For Rear Operated Opposed Blade Damper, Add	*71.18*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*47.76*	
		For Stainless Steel, Add	*248.35*	
23 37 13 00-0171	EA	16" x 10" Steel Security Grille	252.75	23.24
		For Anchoring Tabs, Add	*20.63*	
		For Angle Iron Frame, Add	*35.59*	
		For Rear Operated Opposed Blade Damper, Add	*76.84*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*51.57*	
		For Stainless Steel, Add	*268.14*	
23 37 13 00-0172	EA	16" x 12" Steel Security Grille	283.97	24.49
		For Anchoring Tabs, Add	*23.50*	
		For Angle Iron Frame, Add	*40.15*	
		For Rear Operated Opposed Blade Damper, Add	*87.15*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*58.75*	
		For Stainless Steel, Add	*305.50*	
23 37 13 00-0173	EA	16" x 14" Steel Security Grille	300.82	26.15
		For Anchoring Tabs, Add	*24.85*	
		For Angle Iron Frame, Add	*42.51*	
		For Rear Operated Opposed Blade Damper, Add	*92.21*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*62.13*	
		For Stainless Steel, Add	*323.08*	
23 37 13 00-0174	EA	16" x 16" Steel Security Grille	326.12	27.81
		For Anchoring Tabs, Add	*27.05*	
		For Angle Iron Frame, Add	*46.14*	
		For Rear Operated Opposed Blade Damper, Add	*100.24*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*67.63*	
		For Stainless Steel, Add	*351.65*	
23 37 13 00-0175	EA	18" x 6" Steel Security Grille	218.97	22.42
		For Anchoring Tabs, Add	*17.41*	
		For Angle Iron Frame, Add	*30.60*	
		For Rear Operated Opposed Blade Damper, Add	*65.43*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*43.54*	
		For Stainless Steel, Add	*226.38*	
23 37 13 00-0176	EA	18" x 8" Steel Security Grille	249.34	24.08
		For Anchoring Tabs, Add	*20.12*	
		For Angle Iron Frame, Add	*34.99*	
		For Rear Operated Opposed Blade Damper, Add	*75.23*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*50.30*	
		For Stainless Steel, Add	*261.55*	
23 37 13 00-0177	EA	18" x 10" Steel Security Grille	272.94	25.74
		For Anchoring Tabs, Add	*22.15*	
		For Angle Iron Frame, Add	*38.37*	
		For Rear Operated Opposed Blade Damper, Add	*82.66*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*55.37*	
		For Stainless Steel, Add	*287.91*	
23 37 13 00-0178	EA	18" x 12" Steel Security Grille	299.93	27.40
		For Anchoring Tabs, Add	*24.51*	
		For Angle Iron Frame, Add	*42.25*	
		For Rear Operated Opposed Blade Damper, Add	*91.28*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*61.29*	
		For Stainless Steel, Add	*318.68*	
23 37 13 00-0179	EA	18" x 14" Steel Security Grille	319.40	26.98
		For Anchoring Tabs, Add	*26.54*	
		For Angle Iron Frame, Add	*45.21*	
		For Rear Operated Opposed Blade Damper, Add	*98.30*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*66.36*	
		For Stainless Steel, Add	*345.06*	
23 37 13 00-0180	EA	18" x 16" Steel Security Grille	348.93	28.23
		For Anchoring Tabs, Add	*29.25*	
		For Angle Iron Frame, Add	*49.52*	
		For Rear Operated Opposed Blade Damper, Add	*108.01*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*73.12*	
		For Stainless Steel, Add	*380.22*	
23 37 13 00-0181	EA	18" x 18" Steel Security Grille	373.40	29.47
		For Anchoring Tabs, Add	*31.45*	
		For Angle Iron Frame, Add	*53.06*	
		For Rear Operated Opposed Blade Damper, Add	*115.96*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*78.62*	
		For Stainless Steel, Add	*408.80*	
23 37 13 00-0182	EA	20" x 6" Steel Security Grille	234.95	24.49
		For Anchoring Tabs, Add	*18.60*	
		For Angle Iron Frame, Add	*32.79*	
		For Rear Operated Opposed Blade Damper, Add	*69.99*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*46.49*	
		For Stainless Steel, Add	*241.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0183	EA	20" x 8" Steel Security Grille	265.30	26.98
		For Anchoring Tabs, Add	*21.13*	
		For Angle Iron Frame, Add	*37.10*	
		For Rear Operated Opposed Blade Damper, Add	*79.36*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*52.83*	
		For Stainless Steel, Add	*274.73*	
23 37 13 00-0184	EA	20" x 10" Steel Security Grille	291.45	28.23
		For Anchoring Tabs, Add	*23.50*	
		For Angle Iron Frame, Add	*40.90*	
		For Rear Operated Opposed Blade Damper, Add	*87.90*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*58.75*	
		For Stainless Steel, Add	*305.50*	
23 37 13 00-0185	EA	20" x 12" Steel Security Grille	320.13	29.89
		For Anchoring Tabs, Add	*26.04*	
		For Angle Iron Frame, Add	*45.03*	
		For Rear Operated Opposed Blade Damper, Add	*97.10*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*65.09*	
		For Stainless Steel, Add	*338.47*	
23 37 13 00-0186	EA	20" x 14" Steel Security Grille	351.36	31.14
		For Anchoring Tabs, Add	*28.91*	
		For Angle Iron Frame, Add	*49.59*	
		For Rear Operated Opposed Blade Damper, Add	*107.41*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*72.28*	
		For Stainless Steel, Add	*375.83*	
23 37 13 00-0187	EA	20" x 16" Steel Security Grille	379.21	32.37
		For Anchoring Tabs, Add	*31.45*	
		For Angle Iron Frame, Add	*53.64*	
		For Rear Operated Opposed Blade Damper, Add	*116.54*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*78.62*	
		For Stainless Steel, Add	*408.80*	
23 37 13 00-0188	EA	20" x 18" Steel Security Grille	405.37	33.62
		For Anchoring Tabs, Add	*33.81*	
		For Angle Iron Frame, Add	*57.44*	
		For Rear Operated Opposed Blade Damper, Add	*125.07*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*84.53*	
		For Stainless Steel, Add	*439.57*	
23 37 13 00-0189	EA	20" x 20" Steel Security Grille	436.60	34.87
		For Anchoring Tabs, Add	*36.69*	
		For Angle Iron Frame, Add	*62.00*	
		For Rear Operated Opposed Blade Damper, Add	*135.38*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*91.72*	
		For Stainless Steel, Add	*476.93*	
23 37 13 00-0190	EA	24" x 6" Steel Security Grille	261.05	27.40
		For Anchoring Tabs, Add	*20.63*	
		For Angle Iron Frame, Add	*36.42*	
		For Rear Operated Opposed Blade Damper, Add	*77.67*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*51.57*	
		For Stainless Steel, Add	*268.14*	
23 37 13 00-0191	EA	24" x 8" Steel Security Grille	294.76	29.89
		For Anchoring Tabs, Add	*23.50*	
		For Angle Iron Frame, Add	*41.23*	
		For Rear Operated Opposed Blade Damper, Add	*88.23*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*58.75*	
		For Stainless Steel, Add	*305.50*	
23 37 13 00-0192	EA	24" x 10" Steel Security Grille	321.79	30.71
		For Anchoring Tabs, Add	*26.04*	
		For Angle Iron Frame, Add	*45.20*	
		For Rear Operated Opposed Blade Damper, Add	*97.27*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*65.09*	
		For Stainless Steel, Add	*338.47*	
23 37 13 00-0193	EA	24" x 12" Steel Security Grille	360.55	34.03
		For Anchoring Tabs, Add	*29.25*	
		For Angle Iron Frame, Add	*50.68*	
		For Rear Operated Opposed Blade Damper, Add	*109.18*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*73.12*	
		For Stainless Steel, Add	*380.22*	
23 37 13 00-0194	EA	24" x 14" Steel Security Grille	388.40	35.28
		For Anchoring Tabs, Add	*31.78*	
		For Angle Iron Frame, Add	*54.73*	
		For Rear Operated Opposed Blade Damper, Add	*118.30*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*79.46*	
		For Stainless Steel, Add	*413.19*	
23 37 13 00-0195	EA	24" x 16" Steel Security Grille	423.00	36.53
		For Anchoring Tabs, Add	*35.00*	
		For Angle Iron Frame, Add	*59.80*	
		For Rear Operated Opposed Blade Damper, Add	*129.79*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*87.49*	
		For Stainless Steel, Add	*454.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0196	EA	24" x 18" Steel Security Grille	462.68	37.77
		For Anchoring Tabs, Add	*38.72*	
		For Angle Iron Frame, Add	*65.63*	
		For Rear Operated Opposed Blade Damper, Add	*143.06*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*96.79*	
		For Stainless Steel, Add	*503.30*	
23 37 13 00-0197	EA	24" x 20" Steel Security Grille	490.54	39.02
		For Anchoring Tabs, Add	*41.25*	
		For Angle Iron Frame, Add	*69.68*	
		For Rear Operated Opposed Blade Damper, Add	*152.18*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*103.13*	
		For Stainless Steel, Add	*536.26*	
23 37 13 00-0198	EA	24" x 24" Steel Security Grille	549.61	41.51
		For Anchoring Tabs, Add	*46.66*	
		For Angle Iron Frame, Add	*78.29*	
		For Rear Operated Opposed Blade Damper, Add	*171.61*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*116.65*	
		For Stainless Steel, Add	*606.59*	

23 37 13 00-0199 Square Ceiling Return Air And Exhaust Grilles *(23 37 13 00-0113)*

Note: Egg crate design aluminum construction.

23 37 13 00-0200	EA	6" x 6" Egg Crate Ceiling Return Air Or Exhaust Grille, Aluminum Construction	38.36	15.29
23 37 13 00-0201	EA	8" x 8" Egg Crate Ceiling Return Air Or Exhaust Grille, Aluminum Construction	46.25	19.11
23 37 13 00-0202	EA	12" x 12" Egg Crate Ceiling Return Air Or Exhaust Grille, Aluminum Construction	57.85	19.11
23 37 13 00-0203	EA	14" x 14" Egg Crate Ceiling Return Air Or Exhaust Grille, Aluminum Construction	74.84	23.92
23 37 13 00-0204	EA	16" x 16" Egg Crate Ceiling Return Air Or Exhaust Grille, Aluminum Construction	82.49	26.75
23 37 13 00-0205	EA	24" x 24" Egg Crate Ceiling Return Air Or Exhaust Grille, Aluminum Construction	105.59	26.75

23 37 13 00-0206 Square Wall Return Air And Exhaust Grilles *(23 37 13 00-0113)*

Note: Egg crate design aluminum construction.

23 37 13 00-0207	EA	8" x 8" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	49.54	20.76
23 37 13 00-0208	EA	12" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	52.01	20.76
23 37 13 00-0209	EA	18" x 18" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	77.70	31.14
23 37 13 00-0210	EA	24" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	90.05	31.14
23 37 13 00-0211	EA	28" x 28" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	138.60	41.51
23 37 13 00-0212	EA	36" x 36" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	213.25	41.50

23 37 13 00-0213 Rectangular Four-Way Adjustable Deflection Wall Supply Grilles *(23 37 13 00-0113)*

Note: Aluminum construction.

23 37 13 00-0214	EA	12" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	139.29	14.94
23 37 13 00-0215	EA	14" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	156.61	14.94
23 37 13 00-0216	EA	18" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	187.65	16.60
23 37 13 00-0217	EA	24" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	218.42	16.60
23 37 13 00-0218	EA	36" x 20" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	285.89	51.88

23 37 13 00-0219 Square Ceiling Return Air And Exhaust Grilles *(23 37 13 00-0113)*

Note: Egg crate design, plastic construction.

23 37 13 00-0220	EA	24" x 24" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	29.15	9.93
23 37 13 00-0221	EA	24" x 48" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	40.71	10.01

23 37 13 00-0222 Door Grilles Sight Proof Inverted Vee Cross Section *(23 37 13 00-0113)*

Note: Painted steel louvers and frame.

23 37 13 00-0223	EA	12" x 6" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	79.37	14.94
23 37 13 00-0224	EA	12" x 12" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	102.73	14.94
23 37 13 00-0225	EA	18" x 18" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	123.90	15.77
23 37 13 00-0226	EA	24" x 24" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	164.31	18.84
23 37 13 00-0227	EA	24" x 30" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	183.66	34.62

23 37 13 00-0228 Stainless Steel Devices *(23 37 13 00-0113)*

23 37 13 00-0229 304 Stainless Steel, Louvered Partition/Door Grilles *(23 37 13 00-0228)*

23 37 13 00-0230	SF	Up To 4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	155.68	12.96
		For 316 Stainless Steel, Add	*26.82*	
23 37 13 00-0231	SF	>4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	131.21	12.96
		For 316 Stainless Steel, Add	*21.93*	

23 37 13 00-0232 304 Stainless Steel, Single Deflection Supply Grilles *(23 37 13 00-0228)*

23 37 13 00-0233	SF	Up To 4 SF, 304 Stainless Steel, Single Deflection Supply Grille	117.65	12.96
		For 316 Stainless Steel, Add	*19.21*	
23 37 13 00-0234	SF	>4 SF, 304 Stainless Steel, Single Deflection Supply Grille	99.85	12.96
		For 316 Stainless Steel, Add	*15.65*	

23 37 13 00-0235 304 Stainless Steel, Double Deflection Supply Grilles *(23 37 13 00-0228)*

23 37 13 00-0236	SF	Up To 4 SF, 304 Stainless Steel, Double Deflection Supply Grille	172.69	12.96
		For 316 Stainless Steel, Add	*30.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0237	SF	>4 SF, 304 Stainless Steel, Double Deflection Supply Grille	147.00	12.96
		For 316 Stainless Steel, Add	*25.08*	
23 37 13 00-0238		**304 Stainless Steel Return Grilles** *(23 37 13 00-0228)*		
23 37 13 00-0239	SF	Up To 4 SF, 304 Stainless Steel Return Grille	117.65	12.96
		For 316 Stainless Steel, Add	*19.21*	
23 37 13 00-0240	SF	>4 SF, 304 Stainless Steel Return Grille	99.85	12.96
		For 316 Stainless Steel, Add	*15.65*	
23 37 13 00-0241		**304 Stainless Steel, Louvered Supply/Return Grilles** *(23 37 13 00-0228)*		
23 37 13 00-0242	SF	Up To 4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	117.65	12.96
		For 316 Stainless Steel, Add	*19.21*	
23 37 13 00-0243	SF	>4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	99.85	12.96
		For 316 Stainless Steel, Add	*15.65*	
23 37 13 00-0244		**304 Stainless Steel, Perforated Return Grilles** *(23 37 13 00-0228)*		
23 37 13 00-0245	SF	Up To 4 SF, 304 Stainless Steel, Perforated Return Grille	117.65	12.96
		For 316 Stainless Steel, Add	*19.21*	
23 37 13 00-0246	SF	>4 SF, 304 Stainless Steel, Perforated Return Grille	94.97	12.96
		For 316 Stainless Steel, Add	*14.68*	
23 37 13 00-0247		**304 Stainless Steel, Perforated Supply Grilles** *(23 37 13 00-0228)*		
23 37 13 00-0248	SF	Up To 4 SF, 304 Stainless Steel, Perforated Supply Grille	142.67	12.96
		For 316 Stainless Steel, Add	*24.22*	
23 37 13 00-0249	SF	>4 SF, 304 Stainless Steel, Perforated Supply Grille	97.57	12.96
		For 316 Stainless Steel, Add	*15.20*	
23 37 13 00-0250		**304 Stainless Steel, Door Grilles** *(23 37 13 00-0228)*		
23 37 13 00-0251	SF	Up To 4 SF, 304 Stainless Steel, Door Grille	213.72	12.96
		For 316 Stainless Steel, Add	*38.43*	
23 37 13 00-0252	SF	>4 SF, 304 Stainless Steel, Door Grille	178.14	12.96
		For 316 Stainless Steel, Add	*31.31*	
23 37 13 00-0253		**304 Stainless Steel, Linear Bar Grilles** *(23 37 13 00-0228)*		
23 37 13 00-0254	SF	Up To 4 SF, 304 Stainless Steel, Linear Bar Grille	273.43	12.96
		For 316 Stainless Steel, Add	*50.37*	
23 37 13 00-0255	SF	>4 SF, 304 Stainless Steel, Linear Bar Grille	233.95	12.96
		For 316 Stainless Steel, Add	*42.47*	
23 37 13 00-0256		**304 Stainless Steel, Hinged Filter Grilles** *(23 37 13 00-0228)*		
23 37 13 00-0257	SF	Up To 4 SF, 304 Stainless Steel, Hinged Filter Grille	200.71	12.96
		For 316 Stainless Steel, Add	*35.83*	
23 37 13 00-0258	SF	>4 SF, 304 Stainless Steel, Hinged Filter Grille	138.45	12.96
		For 316 Stainless Steel, Add	*23.37*	
23 37 13 00-0259		**304 Stainless Steel, Opposed Blade Dampers Grilles** *(23 37 13 00-0228)*		
23 37 13 00-0260	SF	Up To 4 SF, 304 Stainless Steel, Opposed Blade Dampers Grille	107.64	12.96
		For 316 Stainless Steel, Add	*17.21*	
23 37 13 00-0261	SF	Opposed Blade Dampers Grille, Stainless Steel 304, > 4 SF	81.74	12.96
		For 316 Stainless Steel, Add	*12.03*	
23 37 13 00-0262		**304 Stainless Steel, Plaster Frames Replacement** *(23 37 13 00-0228)*		
		Note: For frequent replacement.		
23 37 13 00-0263	SF	To 4 SF, 304 Stainless Steel, Plaster Frames Replacement	83.63	12.96
		For 316 Stainless Steel, Add	*12.41*	
23 37 13 00-0264	SF	>4 SF, 304 Stainless Steel, Plaster Frames Replacement	43.93	12.96
		For 316 Stainless Steel, Add	*4.47*	
23 37 13 00-0265		**304 Stainless Steel, Modular Louvered Ceiling Diffusers** *(23 37 13 00-0228)*		
23 37 13 00-0266	SF	Up To 4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	197.71	12.96
		For 316 Stainless Steel, Add	*35.23*	
23 37 13 00-0267	SF	>4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	154.46	12.96
		For 316 Stainless Steel, Add	*26.58*	
23 37 13 00-0268		**304 Stainless Steel, Latticed Supply/Return Grilles** *(23 37 13 00-0228)*		
23 37 13 00-0269	SF	Up To 4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	68.61	12.96
		For 316 Stainless Steel, Add	*9.41*	
23 37 13 00-0270	SF	>4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	68.61	12.96
		For 316 Stainless Steel, Add	*9.41*	
23 37 13 00-0271		**Removal And Reinstallation Of Distribution Devices** *(23 37 13)*		
		Note: Includes storage and cleaning. Excludes ductwork.		
23 37 13 00-0272	EA	Remove And Reinstall Variable Air Volume Terminal Unit	155.63	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0273	EA	Remove And Reinstall Fan Powered Variable Volume Terminal Unit	171.65	
23 37 13 00-0274	EA	Remove And Reinstall Lay-in Diffuser/Register/Grille	25.73	
23 37 13 00-0275	EA	Remove And Reinstall Surface Mounted Diffuser/Register/Grille	34.84	

23 38 Ventilation Hoods *(23 30)*

23 38 13 Commercial-Kitchen Hoods *(23 38)*

23 38 13 16 Standard Commercial-Kitchen Hoods *(23 38 13)*

23 38 13 16-0001 Commercial Kitchen Hood Ventilation System *(23 38 13 16)*

Note: Excludes fire suppression. See CSI section 21 24 16 00-0000 for fire suppression system, 23 31 13 23-0000 for duct, 23 34 16 00-0108 for exhaust and supply fans.

23 38 13 16-0002 Dry Filter Exhaust Hoods *(23 38 13 16-0001)*

Note: Includes stainless steel filters, exhaust damper and 48" long fluorescent light fixtures.

23 38 13 16-0003	EA	8' Long x 60" Deep Dry Filter Exhaust Hood	4,782.94	632.33
23 38 13 16-0004	EA	8'-6" Long x 60" Deep Dry Filter Exhaust Hood	4,995.52	671.85
23 38 13 16-0005	EA	9' Long x 60" Deep Dry Filter Exhaust Hood	5,535.79	711.36
23 38 13 16-0006	EA	9'-6" Long x 60" Deep Dry Filter Exhaust Hood	5,720.44	750.89
23 38 13 16-0007	EA	10' Long x 60" Deep Dry Filter Exhaust Hood	5,937.42	790.41
23 38 13 16-0008	EA	10'-6" Long x 60" Deep Dry Filter Exhaust Hood	6,164.25	829.93
23 38 13 16-0009	EA	11' Long x 60" Deep Dry Filter Exhaust Hood	6,381.70	869.45
23 38 13 16-0010	EA	11'-6" Long x 60" Deep Dry Filter Exhaust Hood	6,604.83	908.98
23 38 13 16-0011	EA	12' Long x 60" Deep Dry Filter Exhaust Hood	6,848.56	948.49
23 38 13 16-0012	EA	12'-6" Long x 60" Deep Dry Filter Exhaust Hood	7,064.03	988.01
23 38 13 16-0013	EA	13' Long x 60" Deep Dry Filter Exhaust Hood	7,249.44	1,027.53
23 38 13 16-0014	EA	13'-6" Long x 60" Deep Dry Filter Exhaust Hood	7,536.94	1,067.05
23 38 13 16-0015	EA	14' Long x 60" Deep Dry Filter Exhaust Hood	8,349.74	1,106.58
23 38 13 16-0016	EA	14'-6" Long x 60" Deep Dry Filter Exhaust Hood	8,585.17	1,146.09
23 38 13 16-0017	EA	15" Long x 60" Deep Dry Filter Exhaust Hood	8,888.07	1,185.61
23 38 13 16-0018	EA	15"-6" Long x 60" Deep Dry Filter Exhaust Hood	9,127.15	1,225.14
23 38 13 16-0019	EA	16' Long x 60" Deep Dry Filter Exhaust Hood	9,465.17	1,264.65

23 38 13 16-0020 Dry Extractor Exhaust Hoods *(23 38 13 16-0001)*

Note: Includes extractor inserts, exhaust damper, 48" long fluorescent light fixtures, and UDS filler panels.

23 38 13 16-0021	EA	8' Long x 60" Deep Dry Extractor Exhaust Hood	6,457.74	632.33
23 38 13 16-0022	EA	8'-6" Long x 60" Deep Dry Extractor Exhaust Hood	6,680.92	671.85
23 38 13 16-0023	EA	9' Long x 60" Deep Dry Extractor Exhaust Hood	7,252.99	711.36
23 38 13 16-0024	EA	9'-6" Long x 60" Deep Dry Extractor Exhaust Hood	7,480.04	750.89
23 38 13 16-0025	EA	10' Long x 60" Deep Dry Extractor Exhaust Hood	7,707.62	790.41
23 38 13 16-0026	EA	10'-6" Long x 60" Deep Dry Extractor Exhaust Hood	7,923.85	829.93
23 38 13 16-0027	EA	11' Long x 60" Deep Dry Extractor Exhaust Hood	8,151.90	869.45
23 38 13 16-0028	EA	11'-6" Long x 60" Deep Dry Extractor Exhaust Hood	8,369.73	908.98
23 38 13 16-0029	EA	12' Long x 60" Deep Dry Extractor Exhaust Hood	8,576.36	948.49
23 38 13 16-0030	EA	12'-6" Long x 60" Deep Dry Extractor Exhaust Hood	8,855.43	988.01
23 38 13 16-0031	EA	13' Long x 60" Deep Dry Extractor Exhaust Hood	9,173.34	1,027.53
23 38 13 16-0032	EA	13'-6" Long x 60" Deep Dry Extractor Exhaust Hood	9,508.54	1,067.05
23 38 13 16-0033	EA	14' Long x 60" Deep Dry Extractor Exhaust Hood	10,167.64	1,106.58
23 38 13 16-0034	EA	14'-6" Long x 60" Deep Dry Extractor Exhaust Hood	10,509.07	1,146.09
23 38 13 16-0035	EA	15" Long x 60" Deep Dry Extractor Exhaust Hood	11,135.27	1,185.61
23 38 13 16-0036	EA	15"-6" Long x 60" Deep Dry Extractor Exhaust Hood	11,771.85	1,225.14
23 38 13 16-0037	EA	16' Long x 60" Deep Dry Extractor Exhaust Hood	12,401.37	1,264.65

23 38 13 16-0038 Single Manifold Water Wash Exhaust Hoods *(23 38 13 16-0001)*

Note: Includes extraction baffles, 48" long fluorescent light fixtures, and UDS filler panels. Excludes fan wash control panel.

23 38 13 16-0039	EA	8' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	6,881.74	632.33
23 38 13 16-0040	EA	8'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	7,115.52	671.85
23 38 13 16-0041	EA	9' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	7,698.19	711.36
23 38 13 16-0042	EA	9'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	7,930.54	750.89
23 38 13 16-0043	EA	10' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	8,174.02	790.41
23 38 13 16-0044	EA	10'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	8,400.85	829.93
23 38 13 16-0045	EA	11' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	8,634.20	869.45
23 38 13 16-0046	EA	11'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	8,867.93	908.98
23 38 13 16-0047	EA	12' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	9,079.86	948.49
23 38 13 16-0048	EA	12'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	9,380.13	988.01
23 38 13 16-0049	EA	13' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	9,719.24	1,027.53
23 38 13 16-0050	EA	13'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	10,075.64	1,067.05
23 38 13 16-0051	EA	14' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	10,755.94	1,106.58
23 38 13 16-0052	EA	14'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	11,118.57	1,146.09
23 38 13 16-0053	EA	15" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	11,803.07	1,185.61
23 38 13 16-0054	EA	15"-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	12,164.05	1,225.14
23 38 13 16-0055	EA	16' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	12,523.27	1,264.65
23 38 13 16-0056	EA	Fan Wash Control Panel Note: Includes time clock and backflow preventer.	4,807.33	316.16

23 38 13 16-0057 Utility Distribution System (UDS) *(23 38 13 16-0001)*

Note: Includes "L" shaped primary riser, secondary riser, horizontal mechanical and electrical raceway; 2" IPS looped gas manifold with two (2) solenoid gas valves; 1" hot water manifold; 1" cold water manifold; 100 Amp 120-208 VAC/3 Ph/60 Hz main shunt trip connectors; equipment restraints; flexible drain connectors; and power interruption device. Excludes main shunt breaker.

23 38 13 16-0058	EA	8' Long UDS	24,810.32	321.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 38 13 16-0059	EA	8'-6" Long UDS	25,542.84	329.36
23 38 13 16-0060	EA	9' Long UDS	26,267.37	337.03
23 38 13 16-0061	EA	9'-6" Long UDS	26,998.16	347.78
23 38 13 16-0062	EA	10' Long UDS	27,724.47	356.32
23 38 13 16-0063	EA	10'-6" Long UDS	28,443.95	365.33
23 38 13 16-0064	EA	11' Long UDS	29,173.36	371.57
23 38 13 16-0065	EA	11'-6" Long UDS	29,902.12	381.37
23 38 13 16-0066	EA	12' Long UDS	30,639.08	395.20
23 38 13 16-0067	EA	12'-6" Long UDS	31,385.93	414.01
23 38 13 16-0068	EA	13' Long UDS	32,119.51	426.19
23 38 13 16-0069	EA	13'-6" Long UDS	32,863.50	443.57
23 38 13 16-0070	EA	14' Long UDS	33,600.73	457.57
23 38 13 16-0071	EA	14'-6" Long UDS	34,339.79	472.50
23 38 13 16-0072	EA	15" Long UDS	35,080.86	488.47
23 38 13 16-0073	EA	15"-6" Long UDS	35,824.15	505.47
23 38 13 16-0074	EA	16' Long UDS	36,557.44	517.56

23 38 13 16-0075 Stainless Steel Exhaust Hood Material *(23 38 13 16)*
Note: Welded seams.

23 38 13 16-0076	SF	16 Gauge Stainless Steel Exhaust Hood Material	59.15	11.05
23 38 13 16-0077	SF	14 Gauge Stainless Steel Exhaust Hood Material	73.94	14.73
23 38 13 16-0078	SF	12 Gauge Stainless Steel Exhaust Hood Material	102.60	19.89
23 38 13 16-0079	SF	10 Gauge Stainless Steel Exhaust Hood Material	128.13	24.31

23 40 HVAC Air Cleaning Devices *(23)*

23 41 Particulate Air Filtration *(23 40)*

23 41 13 Panel Air Filters *(23 41)*

23 41 13 00-0001 Disposable Air Filters *(23 41 13)*

23 41 13 00-0002	EA	Throwaway Glass Or Paper Media Filter, Residential	10.04

23 41 13 00-0003 Electrostatic Air Filters With Frame, Element And Busbar *(23 41 13)*

23 41 13 00-0004	MF3	Electrostatic Air Filter, High Efficiency Non Supported With Frame, Element And Busbar	61.77
23 41 13 00-0005	MF3	Electrostatic Air Filter, Medium Efficiency Non Supported With Frame, Element And Busbar	59.66
23 41 13 00-0006	MF3	Electrostatic Air Filter, Glass/Paper Throwaway With Frame, Element And Busbar	2.57

23 41 16 Renewable-Media Air Filters *(23 41)*

23 41 16 00-0001 Renewable-Media Electrostatic Air Filters With Frame, Element And Busbar *(23 41 16)*

23 41 16 00-0002	MF3	Electrostatic Air Filter, 5' Disposable Roll Renewable With Frame, Element And Busbar	106.30

23 41 19 Washable Air Filters *(23 41)*

23 41 19 00-0001 Washable Electrostatic Air Filters With Frame, Element And Busbar *(23 41 19)*

23 41 19 00-0002	MF3	Electrostatic Air Filter, Permanent, Washable With Frame, Element And Busbar	40.59

23 41 33 High-Efficiency Particulate Filtration *(23 41)*

23 41 33 00-0001 HEPA Filters *(23 41 33)*
Note: Includes particle board and kraft paper frame and separator material. See CSI section 23 41 13 00-0000 for prefilters.

23 41 33 00-0002 HEPA Filters DOP Efficiency-95% *(23 41 33 00-0001)*

23 41 33 00-0003	EA	12" x 12" x 6" HEPA Filter, 95% DOP Efficiency, 150 CFM, Complete	103.74	11.63
		For Removal And Replacement In Existing Equipment, Add	*2.32*	
		For >10 To 25, Deduct	*-2.59*	
		For >25 To 50, Deduct	*-5.19*	
		For >50 To 100, Deduct	*-7.78*	
		For >100, Deduct	*-10.37*	
23 41 33 00-0004	EA	24" x 12" x 6" HEPA Filter, 95% DOP Efficiency, 375 CFM, Complete	138.94	13.29
		For Removal And Replacement In Existing Equipment, Add	*2.66*	
		For >10 To 25, Deduct	*-3.47*	
		For >25 To 50, Deduct	*-6.95*	
		For >50 To 100, Deduct	*-10.42*	
		For >100, Deduct	*-13.89*	
23 41 33 00-0005	EA	24" x 18" x 6" HEPA Filter, 95% DOP Efficiency, 450 CFM, Complete	162.68	15.36
		For Removal And Replacement In Existing Equipment, Add	*3.07*	
		For >10 To 25, Deduct	*-4.07*	
		For >25 To 50, Deduct	*-8.13*	
		For >50 To 100, Deduct	*-12.20*	
		For >100, Deduct	*-16.27*	
23 41 33 00-0006	EA	24" x 24" x 6" HEPA Filter, 95% DOP Efficiency, 700 CFM, Complete	186.47	17.44
		For Removal And Replacement In Existing Equipment, Add	*3.49*	
		For >10 To 25, Deduct	*-4.66*	
		For >25 To 50, Deduct	*-9.32*	
		For >50 To 100, Deduct	*-13.99*	
		For >100, Deduct	*-18.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0007	EA	12" x 12" x 12" HEPA Filter, 95% DOP Efficiency, 250 CFM, Complete	127.18	12.45
		For Removal And Replacement In Existing Equipment, Add	*2.49*	
		For >10 To 25, Deduct	*-3.18*	
		For >25 To 50, Deduct	*-6.36*	
		For >50 To 100, Deduct	*-9.54*	
		For >100, Deduct	*-12.72*	
23 41 33 00-0008	EA	24" x 12" x 12" HEPA Filter, 95% DOP Efficiency, 500 CFM, Complete	171.81	14.53
		For Removal And Replacement In Existing Equipment, Add	*2.91*	
		For >10 To 25, Deduct	*-4.30*	
		For >25 To 50, Deduct	*-8.59*	
		For >50 To 100, Deduct	*-12.89*	
		For >100, Deduct	*-17.18*	
23 41 33 00-0009	EA	24" x 18" x 12" HEPA Filter, 95% DOP Efficiency, 875 CFM, Complete	205.71	16.60
		For Removal And Replacement In Existing Equipment, Add	*3.32*	
		For >10 To 25, Deduct	*-5.14*	
		For >25 To 50, Deduct	*-10.29*	
		For >50 To 100, Deduct	*-15.43*	
		For >100, Deduct	*-20.57*	
23 41 33 00-0010	EA	24" x 24" x 12" HEPA Filter, 95% DOP Efficiency, 1000 CFM, Complete	243.76	20.76
		For Removal And Replacement In Existing Equipment, Add	*4.15*	
		For >10 To 25, Deduct	*-6.09*	
		For >25 To 50, Deduct	*-12.19*	
		For >50 To 100, Deduct	*-18.28*	
		For >100, Deduct	*-24.38*	

23 41 33 00-0011 HEPA Filters DOP Efficiency-99.99% *(23 41 33 00-0001)*

23 41 33 00-0012	EA	12" x 12" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete	88.69	10.38
		For Removal And Replacement In Existing Equipment, Add	*2.08*	
		For >10 To 25, Deduct	*-2.22*	
		For >25 To 50, Deduct	*-4.43*	
		For >50 To 100, Deduct	*-6.65*	
		For >100, Deduct	*-8.87*	
23 41 33 00-0013	EA	24" x 12" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete	123.62	12.45
		For Removal And Replacement In Existing Equipment, Add	*2.49*	
		For >10 To 25, Deduct	*-3.09*	
		For >25 To 50, Deduct	*-6.18*	
		For >50 To 100, Deduct	*-9.27*	
		For >100, Deduct	*-12.36*	
23 41 33 00-0014	EA	24" x 24" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete	191.26	14.53
		For Removal And Replacement In Existing Equipment, Add	*2.91*	
		For >10 To 25, Deduct	*-4.78*	
		For >25 To 50, Deduct	*-9.56*	
		For >50 To 100, Deduct	*-14.34*	
		For >100, Deduct	*-19.13*	
23 41 33 00-0015	EA	36" x 24" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete	246.86	16.60
		For Removal And Replacement In Existing Equipment, Add	*3.32*	
		For >10 To 25, Deduct	*-6.17*	
		For >25 To 50, Deduct	*-12.34*	
		For >50 To 100, Deduct	*-18.51*	
		For >100, Deduct	*-24.69*	
23 41 33 00-0016	EA	8" x 8" x 6" HEPA Filter, 99.99% DOP Efficiency, Complete	84.47	8.30
		For Removal And Replacement In Existing Equipment, Add	*1.66*	
		For >10 To 25, Deduct	*-2.11*	
		For >25 To 50, Deduct	*-4.22*	
		For >50 To 100, Deduct	*-6.34*	
		For >100, Deduct	*-8.45*	
23 41 33 00-0017	EA	12" x 12" x 6" HEPA Filter, 99.99% DOP Efficiency, 150 CFM, Complete	111.87	11.20
		For Removal And Replacement In Existing Equipment, Add	*2.24*	
		For >10 To 25, Deduct	*-2.80*	
		For >25 To 50, Deduct	*-5.59*	
		For >50 To 100, Deduct	*-8.39*	
		For >100, Deduct	*-11.19*	
23 41 33 00-0018	EA	24" x 12" x 6" HEPA Filter, 99.99% DOP Efficiency, 325 CFM, Complete	151.42	13.29
		For Removal And Replacement In Existing Equipment, Add	*2.66*	
		For >10 To 25, Deduct	*-3.79*	
		For >25 To 50, Deduct	*-7.57*	
		For >50 To 100, Deduct	*-11.36*	
		For >100, Deduct	*-15.14*	
23 41 33 00-0019	EA	24" x 18" x 6" HEPA Filter, 99.99% DOP Efficiency, 550 CFM, Complete	177.78	15.56
		For Removal And Replacement In Existing Equipment, Add	*3.11*	
		For >10 To 25, Deduct	*-4.44*	
		For >25 To 50, Deduct	*-8.89*	
		For >50 To 100, Deduct	*-13.33*	
		For >100, Deduct	*-17.78*	
23 41 33 00-0020	EA	24" x 24" x 6" HEPA Filter, 99.99% DOP Efficiency, 775 CFM, Complete	203.31	17.44
		For Removal And Replacement In Existing Equipment, Add	*3.49*	
		For >10 To 25, Deduct	*-5.08*	
		For >25 To 50, Deduct	*-10.17*	
		For >50 To 100, Deduct	*-15.25*	
		For >100, Deduct	*-20.33*	
23 41 33 00-0021	EA	12" x 12" x 12" HEPA Filter, 99.99% DOP Efficiency, 250 CFM, Complete	138.54	12.45
		For Removal And Replacement In Existing Equipment, Add	*2.49*	
		For >10 To 25, Deduct	*-3.46*	
		For >25 To 50, Deduct	*-6.93*	
		For >50 To 100, Deduct	*-10.39*	
		For >100, Deduct	*-13.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0022	EA	24" x 12" x 12" HEPA Filter, 99.99% DOP Efficiency, 500 CFM, Complete	187.68	14.53
		For Removal And Replacement In Existing Equipment, Add	*2.91*	
		For >10 To 25, Deduct	*-4.69*	
		For >25 To 50, Deduct	*-9.38*	
		For >50 To 100, Deduct	*-14.08*	
		For >100, Deduct	*-18.77*	
23 41 33 00-0023	EA	24" x 18" x 12" HEPA Filter, 99.99% DOP Efficiency, 775 CFM, Complete	224.88	16.60
		For Removal And Replacement In Existing Equipment, Add	*3.32*	
		For >10 To 25, Deduct	*-5.62*	
		For >25 To 50, Deduct	*-11.24*	
		For >50 To 100, Deduct	*-16.87*	
		For >100, Deduct	*-22.49*	
23 41 33 00-0024	EA	24" x 24" x 12" HEPA Filter, 99.99% DOP Efficiency, 1100 CFM, Complete	276.92	20.76
		For Removal And Replacement In Existing Equipment, Add	*4.15*	
		For >10 To 25, Deduct	*-6.92*	
		For >25 To 50, Deduct	*-13.85*	
		For >50 To 100, Deduct	*-20.77*	
		For >100, Deduct	*-27.69*	

23 41 33 00-0025 HEPA Filter Housings, 14 Gauge Galvanized Sheet Metal *(23 41 33)*

Note: Nominal sizes.

23 41 33 00-0026	EA	12" x 12" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	238.72	61.91
23 41 33 00-0027	EA	24" x 12" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	441.22	123.07
23 41 33 00-0028	EA	24" x 18" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	448.98	123.07
23 41 33 00-0029	EA	24" x 24" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	454.16	123.07
23 41 33 00-0030	EA	24" x 48" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	490.38	123.07
23 41 33 00-0031	EA	24" x 72" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	535.65	123.07
23 41 33 00-0032	EA	48" x 48" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	851.41	246.90
23 41 33 00-0033	EA	48" x 72" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	961.36	246.90
23 41 33 00-0034	EA	48" x 96" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,101.06	246.90
23 41 33 00-0035	EA	12" x 12" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	260.71	61.91
23 41 33 00-0036	EA	24" x 12" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	478.73	123.07
23 41 33 00-0037	EA	24" x 18" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	487.79	123.07
23 41 33 00-0038	EA	24" x 24" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	494.26	123.07
23 41 33 00-0039	EA	24" x 48" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	536.94	123.07
23 41 33 00-0040	EA	24" x 72" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	593.86	123.07
23 41 33 00-0041	EA	48" x 48" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	941.96	246.90
23 41 33 00-0042	EA	48" x 72" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,079.07	246.90
23 41 33 00-0043	EA	48" x 96" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,252.41	246.90

23 41 33 00-0044 Filter, Bag Type, 90-95% Efficiency *(23 41 33)*

23 41 33 00-0045	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 90 - 95% Efficiency	199.09	80.26
23 41 33 00-0046	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 90 - 95% Efficiency	235.29	80.26

23 41 33 00-0047 Filter, Bag Type, 80-85% Efficiency *(23 41 33)*

23 41 33 00-0048	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 80 - 85% Efficiency	194.94	80.26
23 41 33 00-0049	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 80 - 85% Efficiency	221.64	80.26

23 42 Gas-Phase Air Filtration *(23 40)*

23 42 13 Activated-Carbon Air Filtration *(23 42)*

23 42 13 00-0001	EA	12" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	37.42	6.23
23 42 13 00-0002	EA	16" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	37.88	6.23
23 42 13 00-0003	EA	16" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	38.15	6.23
23 42 13 00-0004	EA	20" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	38.15	6.23
23 42 13 00-0005	EA	20" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	41.54	6.23
23 42 13 00-0006	EA	24" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	47.12	6.23
23 42 13 00-0007	EA	12" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	47.55	7.06
23 42 13 00-0008	EA	16" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	47.93	7.06
23 42 13 00-0009	EA	16" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	48.25	7.06
23 42 13 00-0010	EA	20" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	48.25	7.06
23 42 13 00-0011	EA	20" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	52.00	7.06
23 42 13 00-0012	EA	24" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	62.46	7.06
23 42 13 00-0013	EA	16" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	21.90	6.23
23 42 13 00-0014	EA	16" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	23.51	6.23
23 42 13 00-0015	EA	20" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	23.57	6.23
23 42 13 00-0016	EA	20" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	25.69	6.23
23 42 13 00-0017	EA	24" x 24" x 1" Thick Carbon Impregnated Pleated Air Filter	27.56	6.23
23 42 13 00-0018	EA	16" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	25.40	7.06
23 42 13 00-0019	EA	16" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	28.22	7.06
23 42 13 00-0020	EA	20" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	28.81	7.06
23 42 13 00-0021	EA	20" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	32.30	7.06
23 42 13 00-0022	EA	24" x 24" x 2" Thick Carbon Impregnated Pleated Air Filter	34.52	7.06
23 42 13 00-0023	EA	24" x 24" x 4" Thick Carbon Impregnated Pleated Air Filter	58.27	7.47

23 44 Ultraviolet HVAC Microbial Control *(23 40)*

23 44 00 00-0001 Double Ended Ultraviolet HVAC Microbial Control Fixtures *(23 44)*

23 44 00 00-0002	EA	24" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-241-VO) Note: Includes tube.	481.84	57.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 44 00 00-0003	EA	30" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-301-VO) Note: Includes tube.	505.42	60.19
23 44 00 00-0004	EA	36" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-361-VO) Note: Includes tube.	529.93	63.23
23 44 00 00-0005	EA	42" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-421-VO) Note: Includes tube.	547.33	65.96
23 44 00 00-0006		Single Ended Ultraviolet HVAC Microbial Control Fixtures *(23 44)*		
23 44 00 00-0007	EA	16" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-161-VO) Note: Includes tube.	406.74	41.22
23 44 00 00-0008	EA	20" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-201-VO) Note: Includes tube.	414.04	43.70
23 44 00 00-0009	EA	24" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-241-VO) Note: Includes tube.	421.32	47.00
23 44 00 00-0010	EA	30" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-301-VO) Note: Includes tube.	431.77	49.47
23 44 00 00-0011	EA	36" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-361-VO) Note: Includes tube.	442.22	51.94
23 44 00 00-0012	EA	42" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-421-VO) Note: Includes tube.	452.67	55.23
23 44 00 00-0013	EA	16" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-161-VO) Note: Includes tube.	474.16	41.22
23 44 00 00-0014	EA	20" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-201-VO) Note: Includes tube.	481.46	43.70
23 44 00 00-0015	EA	24" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-241-VO) Note: Includes tube.	488.74	47.00
23 44 00 00-0016	EA	30" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-301-VO) Note: Includes tube.	499.18	49.47
23 44 00 00-0017	EA	36" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-361-VO) Note: Includes tube.	509.64	51.94
23 44 00 00-0018	EA	42" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-421-VO) Note: Includes tube.	520.08	55.23
23 44 00 00-0019	EA	16" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-161-VO) Note: Includes tube.	327.47	41.22
23 44 00 00-0020	EA	20" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-201-VO) Note: Includes tube.	334.77	43.70
23 44 00 00-0021	EA	24" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-241-VO) Note: Includes tube.	342.04	47.00
23 44 00 00-0022	EA	30" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-301-VO) Note: Includes tube.	352.49	49.47
23 44 00 00-0023	EA	36" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-361-VO) Note: Includes tube.	362.95	51.94
23 44 00 00-0024	EA	42" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-421-VO) Note: Includes tube.	373.39	55.23
23 44 00 00-0025		Fan Coil Unit Ultraviolet Microbial Control Fixtures *(23 44)*		
23 44 00 00-0026	EA	16" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	293.38	52.77
23 44 00 00-0027	EA	20" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	300.65	55.23
23 44 00 00-0028	EA	24" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	307.91	57.71
23 44 00 00-0029	EA	30" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	317.22	60.19
23 44 00 00-0030	EA	36" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	328.85	63.23
23 44 00 00-0031	EA	42" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	339.26	65.96
23 44 00 00-0032		Ultraviolet HVAC Microbial Control Replacement Parts *(23 44)*		
23 44 00 00-0033	EA	18" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-16-VO)	77.58	
23 44 00 00-0034	EA	24" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-22-VO)	81.52	
23 44 00 00-0035	EA	30" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-28-VO)	91.87	
23 44 00 00-0036	EA	36" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-34-VO)	105.29	
23 44 00 00-0037	EA	42" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-40-VO)	131.25	
23 44 00 00-0038	EA	16" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-16-VO)	79.04	
23 44 00 00-0039	EA	20" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-20-VO)	83.03	
23 44 00 00-0040	EA	24" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-24-VO)	87.01	
23 44 00 00-0041	EA	30" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-30-VO)	94.17	
23 44 00 00-0042	EA	36" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-36-VO)	101.32	
23 44 00 00-0043	EA	42" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-42-VO)	108.46	
23 44 00 00-0044	EA	Replacement Power Supply For Ultraviolet Microbial Control Fixture (Steril-Aire)	220.63	

23 50 Central Heating Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0009 for electrical connection and termination, 26 05 83 00-0129 for terminations, 26 28 16 00-0001 for disconnect.

23 51 Breechings, Chimneys, And Stacks *(23 50)*

23 51 13 Draft Control Devices *(23 51)*

23 51 13 00-0001 Vertical Discharge Fans *(23 51 13)*

Note: Includes chimney adapter. Excludes wiring.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 13 00-0002		**Axial Vane Vertical Discharge Fans** *(23 51 13 00-0001)*		
23 51 13 00-0003	EA	450 CFM Vertical Discharge Chimney Fan, Axial Vane	3,492.66	168.16
23 51 13 00-0004	EA	950 CFM Vertical Discharge Chimney Fan, Axial Vane	3,968.82	183.46
23 51 13 00-0005	EA	1400 CFM Vertical Discharge Chimney Fan, Axial Vane	4,786.79	202.56
23 51 13 00-0006	EA	1800 CFM Vertical Discharge Chimney Fan, Axial Vane	6,293.86	235.05
23 51 13 00-0007		**Centrifugal Impeller Vertical Discharge Fans** *(23 51 13 00-0001)*		
23 51 13 00-0008	EA	700 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	4,222.61	183.46
23 51 13 00-0009	EA	1100 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	5,176.75	202.56
23 51 13 00-0010	EA	2300 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	6,755.68	236.96
23 51 13 00-0011	EA	3000 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	8,019.83	265.62
23 51 13 00-0012		**Accessories For Vertical Discharge Fans** *(23 51 13 00-0001)*		
23 51 13 00-0013	EA	Modulating Fan Controller And Sensor	448.84	57.33
23 51 13 00-0014		**Flue Shutter Dampers** *(23 51 13 00-0001)*		
23 51 13 00-0015	EA	8" Flue Size, Shutter Damper	824.55	76.44
23 51 13 00-0016	EA	9" Flue Size, Shutter Damper	892.08	81.40
23 51 13 00-0017	EA	10" Flue Size, Shutter Damper	922.73	87.14
23 51 13 00-0018	EA	12" Flue Size, Shutter Damper	1,013.24	94.02
23 51 13 00-0019	EA	14" Flue Size, Shutter Damper	1,144.44	102.04
23 51 13 00-0020	EA	16" Flue Size, Shutter Damper	1,239.53	111.22
23 51 13 00-0021	EA	18" Flue Size, Shutter Damper	1,357.67	122.30
23 51 13 00-0022	EA	20" Flue Size, Shutter Damper	1,509.92	136.06
23 51 13 00-0023	EA	22" Flue Size, Shutter Damper	1,668.32	152.87
23 51 13 00-0024	EA	24" Flue Size, Shutter Damper	1,836.65	174.66

23 51 16 Fabricated Breechings And Accessories *(23 51)*

23 51 16 00-0001 Round Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

23 51 16 00-0002 Round Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0001)*

23 51 16 00-0003	LF	3" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	22.47	6.80
		For Aluminum Liner, Add	*0.30*	
		For Stainless Steel Liner, Add	*0.41*	
		For High Temperature Breaching, Add	*3.35*	
		For Very High Temperature Breaching, Add	*5.87*	
23 51 16 00-0004	LF	4" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	24.29	7.18
		For Aluminum Liner, Add	*0.37*	
		For Stainless Steel Liner, Add	*0.51*	
		For High Temperature Breaching, Add	*3.78*	
		For Very High Temperature Breaching, Add	*6.55*	
23 51 16 00-0005	LF	5" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	26.92	7.65
		For Aluminum Liner, Add	*0.44*	
		For Stainless Steel Liner, Add	*0.60*	
		For High Temperature Breaching, Add	*4.29*	
		For Very High Temperature Breaching, Add	*7.39*	
23 51 16 00-0006	LF	6" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	29.46	8.18
		For Aluminum Liner, Add	*0.51*	
		For Stainless Steel Liner, Add	*0.70*	
		For High Temperature Breaching, Add	*4.81*	
		For Very High Temperature Breaching, Add	*8.22*	
23 51 16 00-0007	LF	7" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	35.08	8.71
		For Aluminum Liner, Add	*0.75*	
		For Stainless Steel Liner, Add	*1.03*	
		For High Temperature Breaching, Add	*6.25*	
		For Very High Temperature Breaching, Add	*10.44*	
23 51 16 00-0008	LF	8" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	38.98	9.40
		For Aluminum Liner, Add	*0.84*	
		For Stainless Steel Liner, Add	*1.14*	
		For High Temperature Breaching, Add	*6.95*	
		For Very High Temperature Breaching, Add	*11.61*	
23 51 16 00-0009	LF	10" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	57.88	10.09
		For Aluminum Liner, Add	*1.77*	
		For Stainless Steel Liner, Add	*2.42*	
		For High Temperature Breaching, Add	*12.23*	
		For Very High Temperature Breaching, Add	*19.63*	
23 51 16 00-0010	LF	12" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	71.05	11.16
		For Aluminum Liner, Add	*2.38*	
		For Stainless Steel Liner, Add	*3.24*	
		For High Temperature Breaching, Add	*15.75*	
		For Very High Temperature Breaching, Add	*25.02*	
23 51 16 00-0011	LF	14" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	101.71	11.61
		For Aluminum Liner, Add	*3.99*	
		For Stainless Steel Liner, Add	*5.44*	
		For High Temperature Breaching, Add	*24.69*	
		For Very High Temperature Breaching, Add	*38.49*	
23 51 16 00-0012	LF	16" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	128.31	12.23
		For Aluminum Liner, Add	*5.38*	
		For Stainless Steel Liner, Add	*7.34*	
		For High Temperature Breaching, Add	*32.41*	
		For Very High Temperature Breaching, Add	*50.13*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0013	LF	18" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	158.86	12.84
		For Aluminum Liner, Add	*6.95*	
		For Stainless Steel Liner, Add	*9.48*	
		For High Temperature Breaching, Add	*41.17*	
		For Very High Temperature Breaching, Add	*63.38*	
23 51 16 00-0014	LF	20" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	200.43	20.41
		For Aluminum Liner, Add	*8.25*	
		For Stainless Steel Liner, Add	*11.26*	
		For High Temperature Breaching, Add	*50.06*	
		For Very High Temperature Breaching, Add	*77.60*	
23 51 16 00-0015	LF	22" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	243.62	21.56
		For Aluminum Liner, Add	*10.41*	
		For Stainless Steel Liner, Add	*14.19*	
		For High Temperature Breaching, Add	*62.21*	
		For Very High Temperature Breaching, Add	*96.03*	
23 51 16 00-0016	LF	24" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	291.06	22.93
		For Aluminum Liner, Add	*12.83*	
		For Stainless Steel Liner, Add	*17.50*	
		For High Temperature Breaching, Add	*75.76*	
		For Very High Temperature Breaching, Add	*116.53*	
23 51 16 00-0017	LF	26" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	339.73	23.69
		For Aluminum Liner, Add	*15.43*	
		For Stainless Steel Liner, Add	*21.04*	
		For High Temperature Breaching, Add	*90.09*	
		For Very High Temperature Breaching, Add	*138.09*	
23 51 16 00-0018	LF	28" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	356.38	24.46
		For Aluminum Liner, Add	*16.24*	
		For Stainless Steel Liner, Add	*22.14*	
		For High Temperature Breaching, Add	*94.69*	
		For Very High Temperature Breaching, Add	*145.09*	
23 51 16 00-0019	LF	30" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	378.65	26.22
		For Aluminum Liner, Add	*17.23*	
		For Stainless Steel Liner, Add	*23.49*	
		For High Temperature Breaching, Add	*100.51*	
		For Very High Temperature Breaching, Add	*154.03*	
23 51 16 00-0020	LF	32" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	430.01	27.21
		For Aluminum Liner, Add	*19.92*	
		For Stainless Steel Liner, Add	*27.16*	
		For High Temperature Breaching, Add	*115.43*	
		For Very High Temperature Breaching, Add	*176.53*	
23 51 16 00-0021	LF	34" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	483.19	28.21
		For Aluminum Liner, Add	*22.70*	
		For Stainless Steel Liner, Add	*30.95*	
		For High Temperature Breaching, Add	*130.86*	
		For Very High Temperature Breaching, Add	*199.81*	
23 51 16 00-0022	LF	36" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	508.84	29.35
		For Aluminum Liner, Add	*23.95*	
		For Stainless Steel Liner, Add	*32.67*	
		For High Temperature Breaching, Add	*137.99*	
		For Very High Temperature Breaching, Add	*210.65*	
23 51 16 00-0023	LF	38" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	552.67	30.57
		For Aluminum Liner, Add	*26.20*	
		For Stainless Steel Liner, Add	*35.72*	
		For High Temperature Breaching, Add	*150.53*	
		For Very High Temperature Breaching, Add	*229.61*	
23 51 16 00-0024	LF	40" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	609.87	31.87
		For Aluminum Liner, Add	*29.16*	
		For Stainless Steel Liner, Add	*39.76*	
		For High Temperature Breaching, Add	*167.02*	
		For Very High Temperature Breaching, Add	*254.51*	
23 51 16 00-0025	LF	42" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	638.03	33.32
		For Aluminum Liner, Add	*30.50*	
		For Stainless Steel Liner, Add	*41.60*	
		For High Temperature Breaching, Add	*174.73*	
		For Very High Temperature Breaching, Add	*266.26*	
23 51 16 00-0026	LF	44" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	707.25	34.93
		For Aluminum Liner, Add	*34.09*	
		For Stainless Steel Liner, Add	*46.49*	
		For High Temperature Breaching, Add	*194.70*	
		For Very High Temperature Breaching, Add	*296.42*	
23 51 16 00-0027	LF	46" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	768.70	36.69
		For Aluminum Liner, Add	*37.23*	
		For Stainless Steel Liner, Add	*50.77*	
		For High Temperature Breaching, Add	*212.26*	
		For Very High Temperature Breaching, Add	*322.98*	
23 51 16 00-0028	LF	48" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	846.74	38.60
		For Aluminum Liner, Add	*41.27*	
		For Stainless Steel Liner, Add	*56.28*	
		For High Temperature Breaching, Add	*234.75*	
		For Very High Temperature Breaching, Add	*356.94*	

23 51 16 00-0029 90 Degree Elbows *(23 51 16 00-0001)*

23 51 16 00-0030	EA	3" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	58.98	13.61
		For Aluminum Liner, Add	*1.39*	
		For Stainless Steel Liner, Add	*1.90*	
		For High Temperature Breaching, Add	*10.95*	
		For Very High Temperature Breaching, Add	*18.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0031	EA	4" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	65.67	14.37
		For Aluminum Liner, Add	*1.64*	
		For Stainless Steel Liner, Add	*2.24*	
		For High Temperature Breaching, Add	*12.53*	
		For Very High Temperature Breaching, Add	*20.59*	
23 51 16 00-0032	EA	5" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	73.67	15.29
		For Aluminum Liner, Add	*1.96*	
		For Stainless Steel Liner, Add	*2.67*	
		For High Temperature Breaching, Add	*14.49*	
		For Very High Temperature Breaching, Add	*23.64*	
23 51 16 00-0033	EA	6" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	81.82	16.28
		For Aluminum Liner, Add	*2.28*	
		For Stainless Steel Liner, Add	*3.10*	
		For High Temperature Breaching, Add	*16.46*	
		For Very High Temperature Breaching, Add	*26.71*	
23 51 16 00-0034	EA	7" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	98.69	17.43
		For Aluminum Liner, Add	*3.04*	
		For Stainless Steel Liner, Add	*4.15*	
		For High Temperature Breaching, Add	*20.94*	
		For Very High Temperature Breaching, Add	*33.58*	
23 51 16 00-0035	EA	8" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	116.34	18.81
		For Aluminum Liner, Add	*3.81*	
		For Stainless Steel Liner, Add	*5.20*	
		For High Temperature Breaching, Add	*25.50*	
		For Very High Temperature Breaching, Add	*40.60*	
23 51 16 00-0036	EA	10" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	210.56	20.41
		For Aluminum Liner, Add	*8.77*	
		For Stainless Steel Liner, Add	*11.96*	
		For High Temperature Breaching, Add	*52.95*	
		For Very High Temperature Breaching, Add	*81.97*	
23 51 16 00-0037	EA	12" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	256.61	22.24
		For Aluminum Liner, Add	*11.06*	
		For Stainless Steel Liner, Add	*15.08*	
		For High Temperature Breaching, Add	*65.87*	
		For Very High Temperature Breaching, Add	*101.58*	
23 51 16 00-0038	EA	14" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	336.24	23.31
		For Aluminum Liner, Add	*15.29*	
		For Stainless Steel Liner, Add	*20.85*	
		For High Temperature Breaching, Add	*89.22*	
		For Very High Temperature Breaching, Add	*136.75*	
23 51 16 00-0039	EA	16" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	415.99	24.46
		For Aluminum Liner, Add	*19.52*	
		For Stainless Steel Liner, Add	*26.62*	
		For High Temperature Breaching, Add	*112.59*	
		For Very High Temperature Breaching, Add	*171.94*	
23 51 16 00-0040	EA	18" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	541.40	25.76
		For Aluminum Liner, Add	*26.23*	
		For Stainless Steel Liner, Add	*35.77*	
		For High Temperature Breaching, Add	*149.53*	
		For Very High Temperature Breaching, Add	*227.52*	
23 51 16 00-0041	EA	20" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	760.58	40.75
		For Aluminum Liner, Add	*36.22*	
		For Stainless Steel Liner, Add	*49.40*	
		For High Temperature Breaching, Add	*207.78*	
		For Very High Temperature Breaching, Add	*316.77*	
23 51 16 00-0042	EA	22" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,009.23	43.18
		For Aluminum Liner, Add	*49.57*	
		For Stainless Steel Liner, Add	*67.59*	
		For High Temperature Breaching, Add	*281.18*	
		For Very High Temperature Breaching, Add	*427.16*	
23 51 16 00-0043	EA	24" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,140.83	45.86
		For Aluminum Liner, Add	*56.43*	
		For Stainless Steel Liner, Add	*76.95*	
		For High Temperature Breaching, Add	*319.29*	
		For Very High Temperature Breaching, Add	*484.68*	

23 51 16 00-0044 45 Degree Elbows *(23 51 16 00-0001)*

23 51 16 00-0045	EA	3" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	48.50	13.61
		For Aluminum Liner, Add	*0.80*	
		For Stainless Steel Liner, Add	*1.09*	
		For High Temperature Breaching, Add	*7.76*	
		For Very High Temperature Breaching, Add	*13.34*	
23 51 16 00-0046	EA	4" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	53.16	14.37
		For Aluminum Liner, Add	*0.94*	
		For Stainless Steel Liner, Add	*1.29*	
		For High Temperature Breaching, Add	*8.75*	
		For Very High Temperature Breaching, Add	*14.92*	
23 51 16 00-0047	EA	5" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	58.42	15.29
		For Aluminum Liner, Add	*1.11*	
		For Stainless Steel Liner, Add	*1.51*	
		For High Temperature Breaching, Add	*9.88*	
		For Very High Temperature Breaching, Add	*16.73*	
23 51 16 00-0048	EA	6" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	64.94	16.28
		For Aluminum Liner, Add	*1.33*	
		For Stainless Steel Liner, Add	*1.81*	
		For High Temperature Breaching, Add	*11.33*	
		For Very High Temperature Breaching, Add	*19.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0049	EA	7" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	78.32	17.43
		For Aluminum Liner, Add	*1.91*	
		For Stainless Steel Liner, Add	*2.60*	
		For High Temperature Breaching, Add	*14.76*	
		For Very High Temperature Breaching, Add	*24.33*	
23 51 16 00-0050	EA	8" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	86.87	18.81
		For Aluminum Liner, Add	*2.19*	
		For Stainless Steel Liner, Add	*2.99*	
		For High Temperature Breaching, Add	*16.66*	
		For Very High Temperature Breaching, Add	*27.34*	
23 51 16 00-0051	EA	10" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	150.63	20.41
		For Aluminum Liner, Add	*5.48*	
		For Stainless Steel Liner, Add	*7.47*	
		For High Temperature Breaching, Add	*35.00*	
		For Very High Temperature Breaching, Add	*55.04*	
23 51 16 00-0052	EA	12" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	181.24	22.24
		For Aluminum Liner, Add	*6.91*	
		For Stainless Steel Liner, Add	*9.42*	
		For High Temperature Breaching, Add	*43.26*	
		For Very High Temperature Breaching, Add	*67.66*	
23 51 16 00-0053	EA	14" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	235.04	23.31
		For Aluminum Liner, Add	*9.72*	
		For Stainless Steel Liner, Add	*13.26*	
		For High Temperature Breaching, Add	*58.86*	
		For Very High Temperature Breaching, Add	*91.20*	
23 51 16 00-0054	EA	16" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	282.98	24.46
		For Aluminum Liner, Add	*12.20*	
		For Stainless Steel Liner, Add	*16.64*	
		For High Temperature Breaching, Add	*72.67*	
		For Very High Temperature Breaching, Add	*112.06*	
23 51 16 00-0055	EA	18" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	362.48	25.76
		For Aluminum Liner, Add	*16.40*	
		For Stainless Steel Liner, Add	*22.36*	
		For High Temperature Breaching, Add	*95.87*	
		For Very High Temperature Breaching, Add	*147.02*	
23 51 16 00-0056	EA	20" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	437.89	40.67
		For Aluminum Liner, Add	*18.49*	
		For Stainless Steel Liner, Add	*25.22*	
		For High Temperature Breaching, Add	*111.04*	
		For Very High Temperature Breaching, Add	*171.64*	
23 51 16 00-0057	EA	22" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	614.06	43.18
		For Aluminum Liner, Add	*27.83*	
		For Stainless Steel Liner, Add	*37.96*	
		For High Temperature Breaching, Add	*162.62*	
		For Very High Temperature Breaching, Add	*249.33*	
23 51 16 00-0058	EA	24" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	755.86	45.86
		For Aluminum Liner, Add	*35.27*	
		For Stainless Steel Liner, Add	*48.10*	
		For High Temperature Breaching, Add	*203.84*	
		For Very High Temperature Breaching, Add	*311.49*	
23 51 16 00-0059	EA	26" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,383.63	47.39
		For Aluminum Liner, Add	*69.59*	
		For Stainless Steel Liner, Add	*94.89*	
		For High Temperature Breaching, Add	*391.41*	
		For Very High Temperature Breaching, Add	*593.03*	
23 51 16 00-0060	EA	28" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,422.11	48.92
		For Aluminum Liner, Add	*71.49*	
		For Stainless Steel Liner, Add	*97.49*	
		For High Temperature Breaching, Add	*402.19*	
		For Very High Temperature Breaching, Add	*609.39*	
23 51 16 00-0061	EA	30" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,499.09	51.98
		For Aluminum Liner, Add	*75.31*	
		For Stainless Steel Liner, Add	*102.69*	
		For High Temperature Breaching, Add	*423.75*	
		For Very High Temperature Breaching, Add	*642.12*	
23 51 16 00-0062	EA	32" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,676.22	53.51
		For Aluminum Liner, Add	*84.84*	
		For Stainless Steel Liner, Add	*115.69*	
		For High Temperature Breaching, Add	*476.13*	
		For Very High Temperature Breaching, Add	*720.88*	
23 51 16 00-0063	EA	34" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,831.18	56.56
		For Aluminum Liner, Add	*92.94*	
		For Stainless Steel Liner, Add	*126.74*	
		For High Temperature Breaching, Add	*521.09*	
		For Very High Temperature Breaching, Add	*788.70*	
23 51 16 00-0064	EA	36" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,885.97	61.16
		For Aluminum Liner, Add	*95.33*	
		For Stainless Steel Liner, Add	*129.99*	
		For High Temperature Breaching, Add	*535.24*	
		For Very High Temperature Breaching, Add	*810.49*	
23 51 16 00-0065	EA	38" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,021.30	63.29
		For Aluminum Liner, Add	*102.47*	
		For Stainless Steel Liner, Add	*139.74*	
		For High Temperature Breaching, Add	*574.76*	
		For Very High Temperature Breaching, Add	*870.05*	
23 51 16 00-0066	EA	40" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,153.59	64.21
		For Aluminum Liner, Add	*109.62*	
		For Stainless Steel Liner, Add	*149.49*	
		For High Temperature Breaching, Add	*613.99*	
		For Very High Temperature Breaching, Add	*929.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0067	EA	42" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,247.87	67.27
		For Aluminum Liner, Add	*114.39*	
		For Stainless Steel Liner, Add	*155.99*	
		For High Temperature Breaching, Add	*640.75*	
		For Very High Temperature Breaching, Add	*969.53*	
23 51 16 00-0068	EA	44" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,385.50	70.32
		For Aluminum Liner, Add	*121.54*	
		For Stainless Steel Liner, Add	*165.74*	
		For High Temperature Breaching, Add	*680.51*	
		For Very High Temperature Breaching, Add	*1,029.55*	
23 51 16 00-0069	EA	46" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,566.45	73.38
		For Aluminum Liner, Add	*131.07*	
		For Stainless Steel Liner, Add	*178.73*	
		For High Temperature Breaching, Add	*733.27*	
		For Very High Temperature Breaching, Add	*1,109.07*	
23 51 16 00-0070	EA	48" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,660.75	76.44
		For Aluminum Liner, Add	*135.84*	
		For Stainless Steel Liner, Add	*185.23*	
		For High Temperature Breaching, Add	*760.03*	
		For Very High Temperature Breaching, Add	*1,149.60*	

23 51 16 00-0071 Tees *(23 51 16 00-0001)*

23 51 16 00-0072	EA	3" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	80.89	18.11
		For Aluminum Liner, Add	*1.95*	
		For Stainless Steel Liner, Add	*2.66*	
		For High Temperature Breaching, Add	*15.20*	
		For Very High Temperature Breaching, Add	*25.06*	
23 51 16 00-0073	EA	4" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	84.27	18.81
		For Aluminum Liner, Add	*2.05*	
		For Stainless Steel Liner, Add	*2.79*	
		For High Temperature Breaching, Add	*15.88*	
		For Very High Temperature Breaching, Add	*26.17*	
23 51 16 00-0074	EA	5" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	87.93	19.57
		For Aluminum Liner, Add	*2.15*	
		For Stainless Steel Liner, Add	*2.93*	
		For High Temperature Breaching, Add	*16.59*	
		For Very High Temperature Breaching, Add	*27.34*	
23 51 16 00-0075	EA	6" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	94.32	20.41
		For Aluminum Liner, Add	*2.38*	
		For Stainless Steel Liner, Add	*3.25*	
		For High Temperature Breaching, Add	*18.10*	
		For Very High Temperature Breaching, Add	*29.70*	
23 51 16 00-0076	EA	7" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	113.00	21.25
		For Aluminum Liner, Add	*3.29*	
		For Stainless Steel Liner, Add	*4.49*	
		For High Temperature Breaching, Add	*23.26*	
		For Very High Temperature Breaching, Add	*37.55*	
23 51 16 00-0077	EA	8" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	121.42	22.24
		For Aluminum Liner, Add	*3.62*	
		For Stainless Steel Liner, Add	*4.94*	
		For High Temperature Breaching, Add	*25.31*	
		For Very High Temperature Breaching, Add	*40.75*	
23 51 16 00-0078	EA	10" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	236.76	23.31
		For Aluminum Liner, Add	*9.82*	
		For Stainless Steel Liner, Add	*13.39*	
		For High Temperature Breaching, Add	*59.38*	
		For Very High Temperature Breaching, Add	*91.98*	
23 51 16 00-0079	EA	12" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	276.05	24.46
		For Aluminum Liner, Add	*11.82*	
		For Stainless Steel Liner, Add	*16.12*	
		For High Temperature Breaching, Add	*70.59*	
		For Very High Temperature Breaching, Add	*108.94*	
23 51 16 00-0080	EA	14" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	418.03	27.21
		For Aluminum Liner, Add	*19.26*	
		For Stainless Steel Liner, Add	*26.26*	
		For High Temperature Breaching, Add	*111.82*	
		For Very High Temperature Breaching, Add	*171.13*	
23 51 16 00-0081	EA	16" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	572.10	30.57
		For Aluminum Liner, Add	*27.26*	
		For Stainless Steel Liner, Add	*37.18*	
		For High Temperature Breaching, Add	*156.35*	
		For Very High Temperature Breaching, Add	*238.34*	
23 51 16 00-0082	EA	18" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	711.29	34.93
		For Aluminum Liner, Add	*34.32*	
		For Stainless Steel Liner, Add	*46.80*	
		For High Temperature Breaching, Add	*195.92*	
		For Very High Temperature Breaching, Add	*298.25*	
23 51 16 00-0083	EA	20" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	948.45	43.18
		For Aluminum Liner, Add	*46.23*	
		For Stainless Steel Liner, Add	*63.05*	
		For High Temperature Breaching, Add	*262.97*	
		For Very High Temperature Breaching, Add	*399.84*	
23 51 16 00-0084	EA	22" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,189.61	56.41
		For Aluminum Liner, Add	*57.67*	
		For Stainless Steel Liner, Add	*78.64*	
		For High Temperature Breaching, Add	*328.68*	
		For Very High Temperature Breaching, Add	*500.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0085	EA	24" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,370.97	59.62
		For Aluminum Liner, Add	*67.20*	
		For Stainless Steel Liner, Add	*91.64*	
		For High Temperature Breaching, Add	*381.48*	
		For Very High Temperature Breaching, Add	*579.67*	
23 51 16 00-0086	EA	26" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,893.78	64.21
		For Aluminum Liner, Add	*95.33*	
		For Stainless Steel Liner, Add	*129.99*	
		For High Temperature Breaching, Add	*536.02*	
		For Very High Temperature Breaching, Add	*812.05*	
23 51 16 00-0087	EA	28" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,116.58	66.74
		For Aluminum Liner, Add	*107.24*	
		For Stainless Steel Liner, Add	*146.24*	
		For High Temperature Breaching, Add	*601.62*	
		For Very High Temperature Breaching, Add	*910.77*	
23 51 16 00-0088	EA	30" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,298.95	70.32
		For Aluminum Liner, Add	*116.77*	
		For Stainless Steel Liner, Add	*159.24*	
		For High Temperature Breaching, Add	*654.53*	
		For Very High Temperature Breaching, Add	*990.58*	
23 51 16 00-0089	EA	32" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,653.19	73.38
		For Aluminum Liner, Add	*135.84*	
		For Stainless Steel Liner, Add	*185.23*	
		For High Temperature Breaching, Add	*759.28*	
		For Very High Temperature Breaching, Add	*1,148.09*	
23 51 16 00-0090	EA	34" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,704.22	76.44
		For Aluminum Liner, Add	*138.22*	
		For Stainless Steel Liner, Add	*188.48*	
		For High Temperature Breaching, Add	*773.05*	
		For Very High Temperature Breaching, Add	*1,169.12*	
23 51 16 00-0091	EA	36" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,150.36	81.56
		For Aluminum Liner, Add	*162.05*	
		For Stainless Steel Liner, Add	*220.98*	
		For High Temperature Breaching, Add	*904.32*	
		For Very High Temperature Breaching, Add	*1,366.68*	
23 51 16 00-0092	EA	38" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,219.16	91.73
		For Aluminum Liner, Add	*164.44*	
		For Stainless Steel Liner, Add	*224.23*	
		For High Temperature Breaching, Add	*919.87*	
		For Very High Temperature Breaching, Add	*1,391.27*	
23 51 16 00-0093	EA	40" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,511.86	104.87
		For Aluminum Liner, Add	*178.73*	
		For Stainless Steel Liner, Add	*243.73*	
		For High Temperature Breaching, Add	*1,001.13*	
		For Very High Temperature Breaching, Add	*1,514.80*	
23 51 16 00-0094	EA	42" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,858.79	122.30
		For Aluminum Liner, Add	*195.42*	
		For Stainless Steel Liner, Add	*266.48*	
		For High Temperature Breaching, Add	*1,096.49*	
		For Very High Temperature Breaching, Add	*1,660.02*	
23 51 16 00-0095	EA	44" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	4,200.04	137.59
		For Aluminum Liner, Add	*212.10*	
		For Stainless Steel Liner, Add	*289.23*	
		For High Temperature Breaching, Add	*1,191.27*	
		For Very High Temperature Breaching, Add	*1,804.09*	
23 51 16 00-0096	EA	46" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	4,601.51	142.18
		For Aluminum Liner, Add	*233.55*	
		For Stainless Steel Liner, Add	*318.47*	
		For High Temperature Breaching, Add	*1,309.41*	
		For Very High Temperature Breaching, Add	*1,981.88*	
23 51 16 00-0097	EA	48" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	4,873.07	146.76
		For Aluminum Liner, Add	*247.85*	
		For Stainless Steel Liner, Add	*337.97*	
		For High Temperature Breaching, Add	*1,388.56*	
		For Very High Temperature Breaching, Add	*2,101.18*	

23 51 16 00-0098 Vent Top Caps *(23 51 16 00-0001)*

23 51 16 00-0099	EA	3" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	40.02	10.63
		For Aluminum Liner, Add	*0.74*	
		For Stainless Steel Liner, Add	*1.01*	
		For High Temperature Breaching, Add	*6.69*	
		For Very High Temperature Breaching, Add	*11.36*	
23 51 16 00-0100	EA	4" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	41.95	11.16
		For Aluminum Liner, Add	*0.78*	
		For Stainless Steel Liner, Add	*1.06*	
		For High Temperature Breaching, Add	*7.02*	
		For Very High Temperature Breaching, Add	*11.92*	
23 51 16 00-0101	EA	6" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	55.09	12.23
		For Aluminum Liner, Add	*1.35*	
		For Stainless Steel Liner, Add	*1.84*	
		For High Temperature Breaching, Add	*10.41*	
		For Very High Temperature Breaching, Add	*17.15*	
23 51 16 00-0102	EA	8" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	58.46	13.61
		For Aluminum Liner, Add	*1.35*	
		For Stainless Steel Liner, Add	*1.84*	
		For High Temperature Breaching, Add	*10.75*	
		For Very High Temperature Breaching, Add	*17.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0103	EA	10" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	72.07	14.37
		For Aluminum Liner, Add	*1.99*	
		For Stainless Steel Liner, Add	*2.71*	
		For High Temperature Breaching, Add	*14.44*	
		For Very High Temperature Breaching, Add	*23.45*	
23 51 16 00-0104	EA	12" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	85.88	15.29
		For Aluminum Liner, Add	*2.62*	
		For Stainless Steel Liner, Add	*3.57*	
		For High Temperature Breaching, Add	*18.12*	
		For Very High Temperature Breaching, Add	*29.09*	
23 51 16 00-0105	EA	16" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	210.90	17.43
		For Aluminum Liner, Add	*9.20*	
		For Stainless Steel Liner, Add	*12.54*	
		For High Temperature Breaching, Add	*54.54*	
		For Very High Temperature Breaching, Add	*83.99*	
23 51 16 00-0106	EA	18" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	397.76	21.86
		For Aluminum Liner, Add	*18.87*	
		For Stainless Steel Liner, Add	*25.74*	
		For High Temperature Breaching, Add	*108.41*	
		For Very High Temperature Breaching, Add	*165.34*	
23 51 16 00-0107	EA	20" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	741.45	26.22
		For Aluminum Liner, Add	*37.18*	
		For Stainless Steel Liner, Add	*50.70*	
		For High Temperature Breaching, Add	*209.33*	
		For Very High Temperature Breaching, Add	*317.28*	
23 51 16 00-0108	EA	24" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,235.64	36.69
		For Aluminum Liner, Add	*62.91*	
		For Stainless Steel Liner, Add	*85.79*	
		For High Temperature Breaching, Add	*352.34*	
		For Very High Temperature Breaching, Add	*533.10*	
23 51 16 00-0109	EA	26" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,829.70	38.60
		For Aluminum Liner, Add	*95.33*	
		For Stainless Steel Liner, Add	*129.99*	
		For High Temperature Breaching, Add	*529.61*	
		For Very High Temperature Breaching, Add	*799.24*	
23 51 16 00-0110	EA	28" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,051.75	40.75
		For Aluminum Liner, Add	*107.24*	
		For Stainless Steel Liner, Add	*146.24*	
		For High Temperature Breaching, Add	*595.14*	
		For Very High Temperature Breaching, Add	*897.81*	
23 51 16 00-0111	EA	30" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,317.78	43.18
		For Aluminum Liner, Add	*121.54*	
		For Stainless Steel Liner, Add	*165.74*	
		For High Temperature Breaching, Add	*673.74*	
		For Very High Temperature Breaching, Add	*1,016.01*	
23 51 16 00-0112	EA	32" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,454.51	45.86
		For Aluminum Liner, Add	*128.69*	
		For Stainless Steel Liner, Add	*175.49*	
		For High Temperature Breaching, Add	*713.41*	
		For Very High Temperature Breaching, Add	*1,075.85*	
23 51 16 00-0113	EA	34" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,592.13	48.92
		For Aluminum Liner, Add	*135.84*	
		For Stainless Steel Liner, Add	*185.23*	
		For High Temperature Breaching, Add	*753.17*	
		For Very High Temperature Breaching, Add	*1,135.87*	
23 51 16 00-0114	EA	36" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,774.08	52.44
		For Aluminum Liner, Add	*145.37*	
		For Stainless Steel Liner, Add	*198.23*	
		For High Temperature Breaching, Add	*806.03*	
		For Very High Temperature Breaching, Add	*1,215.59*	

23 51 16 00-0115 Wall Thimbles *(23 51 16 00-0001)*

23 51 16 00-0116	EA	3" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	15.82	5.73
		For Aluminum Liner, Add	*0.08*	
		For Stainless Steel Liner, Add	*0.12*	
		For High Temperature Breaching, Add	*1.89*	
		For Very High Temperature Breaching, Add	*3.55*	
23 51 16 00-0117	EA	4" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	19.99	7.33
		For Aluminum Liner, Add	*0.09*	
		For Stainless Steel Liner, Add	*0.12*	
		For High Temperature Breaching, Add	*2.32*	
		For Very High Temperature Breaching, Add	*4.39*	
23 51 16 00-0118	EA	5" Or 6" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	26.60	9.86
		For Aluminum Liner, Add	*0.11*	
		For Stainless Steel Liner, Add	*0.15*	
		For High Temperature Breaching, Add	*3.05*	
		For Very High Temperature Breaching, Add	*5.81*	
23 51 16 00-0119	EA	7" Or 8" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	33.33	12.23
		For Aluminum Liner, Add	*0.15*	
		For Stainless Steel Liner, Add	*0.21*	
		For High Temperature Breaching, Add	*3.89*	
		For Very High Temperature Breaching, Add	*7.36*	
23 51 16 00-0120	EA	10" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	48.38	16.51
		For Aluminum Liner, Add	*0.39*	
		For Stainless Steel Liner, Add	*0.53*	
		For High Temperature Breaching, Add	*6.26*	
		For Very High Temperature Breaching, Add	*11.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0121	EA	12" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	61.26	20.49
		For Aluminum Liner, Add	*0.55*	
		For Stainless Steel Liner, Add	*0.75*	
		For High Temperature Breaching, Add	*8.14*	
		For Very High Temperature Breaching, Add	*14.76*	
23 51 16 00-0122	EA	14" Or 16" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	78.20	24.46
		For Aluminum Liner, Add	*0.94*	
		For Stainless Steel Liner, Add	*1.28*	
		For High Temperature Breaching, Add	*11.23*	
		For Very High Temperature Breaching, Add	*19.90*	
23 51 16 00-0123	EA	18" Or 20" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	103.12	29.05
		For Aluminum Liner, Add	*1.68*	
		For Stainless Steel Liner, Add	*2.29*	
		For High Temperature Breaching, Add	*16.41*	
		For Very High Temperature Breaching, Add	*28.25*	
23 51 16 00-0124	EA	22" Or 24" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	141.57	32.10
		For Aluminum Liner, Add	*3.37*	
		For Stainless Steel Liner, Add	*4.60*	
		For High Temperature Breaching, Add	*26.42*	
		For Very High Temperature Breaching, Add	*43.64*	

23 51 16 00-0125 Adjustable Roof Flashing *(23 51 16 00-0001)*

23 51 16 00-0126	EA	3" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	43.92	13.61
		For Aluminum Liner, Add	*0.55*	
		For Stainless Steel Liner, Add	*0.75*	
		For High Temperature Breaching, Add	*6.39*	
		For Very High Temperature Breaching, Add	*11.28*	
23 51 16 00-0127	EA	4" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	48.82	14.37
		For Aluminum Liner, Add	*0.71*	
		For Stainless Steel Liner, Add	*0.96*	
		For High Temperature Breaching, Add	*7.45*	
		For Very High Temperature Breaching, Add	*12.97*	
23 51 16 00-0128	EA	6" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	62.23	16.28
		For Aluminum Liner, Add	*1.18*	
		For Stainless Steel Liner, Add	*1.61*	
		For High Temperature Breaching, Add	*10.52*	
		For Very High Temperature Breaching, Add	*17.82*	
23 51 16 00-0129	EA	8" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	76.39	18.81
		For Aluminum Liner, Add	*1.62*	
		For Stainless Steel Liner, Add	*2.20*	
		For High Temperature Breaching, Add	*13.52*	
		For Very High Temperature Breaching, Add	*22.62*	
23 51 16 00-0130	EA	10" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	131.58	20.41
		For Aluminum Liner, Add	*4.43*	
		For Stainless Steel Liner, Add	*6.04*	
		For High Temperature Breaching, Add	*29.28*	
		For Very High Temperature Breaching, Add	*46.46*	
23 51 16 00-0131	EA	12" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	157.82	22.24
		For Aluminum Liner, Add	*5.62*	
		For Stainless Steel Liner, Add	*7.67*	
		For High Temperature Breaching, Add	*36.23*	
		For Very High Temperature Breaching, Add	*57.13*	
23 51 16 00-0132	EA	14" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	186.82	24.46
		For Aluminum Liner, Add	*6.91*	
		For Stainless Steel Liner, Add	*9.42*	
		For High Temperature Breaching, Add	*43.81*	
		For Very High Temperature Breaching, Add	*68.78*	
23 51 16 00-0133	EA	16" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	224.02	27.21
		For Aluminum Liner, Add	*8.58*	
		For Stainless Steel Liner, Add	*11.70*	
		For High Temperature Breaching, Add	*53.60*	
		For Very High Temperature Breaching, Add	*83.80*	
23 51 16 00-0134	EA	18" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	345.11	30.57
		For Aluminum Liner, Add	*14.78*	
		For Stainless Steel Liner, Add	*20.15*	
		For High Temperature Breaching, Add	*88.24*	
		For Very High Temperature Breaching, Add	*136.18*	
23 51 16 00-0135	EA	20" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	375.76	40.75
		For Aluminum Liner, Add	*15.06*	
		For Stainless Steel Liner, Add	*20.54*	
		For High Temperature Breaching, Add	*92.34*	
		For Very High Temperature Breaching, Add	*143.61*	
23 51 16 00-0136	EA	22" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	477.70	52.44
		For Aluminum Liner, Add	*19.07*	
		For Stainless Steel Liner, Add	*26.00*	
		For High Temperature Breaching, Add	*117.10*	
		For Very High Temperature Breaching, Add	*182.20*	
23 51 16 00-0137	EA	24" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	568.83	61.16
		For Aluminum Liner, Add	*22.88*	
		For Stainless Steel Liner, Add	*31.20*	
		For High Temperature Breaching, Add	*140.08*	
		For Very High Temperature Breaching, Add	*217.76*	

23 51 16 00-0138 Galvanized Storm Collars *(23 51 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0139	EA	3" Round Galvanized Storm Collar, Double Wall	17.16	5.73
		For Aluminum Liner, Add	*0.16*	
		For Stainless Steel Liner, Add	*0.22*	
		For High Temperature Breaching, Add	*2.29*	
		For Very High Temperature Breaching, Add	*4.15*	
23 51 16 00-0140	EA	4" Round Galvanized Storm Collar, Double Wall	21.64	7.33
		For Aluminum Liner, Add	*0.18*	
		For Stainless Steel Liner, Add	*0.25*	
		For High Temperature Breaching, Add	*2.82*	
		For Very High Temperature Breaching, Add	*5.15*	
23 51 16 00-0141	EA	5" Round Galvanized Storm Collar, Double Wall	25.52	8.56
		For Aluminum Liner, Add	*0.23*	
		For Stainless Steel Liner, Add	*0.31*	
		For High Temperature Breaching, Add	*3.37*	
		For Very High Temperature Breaching, Add	*6.13*	
23 51 16 00-0142	EA	6" Round Galvanized Storm Collar, Double Wall	29.39	9.78
		For Aluminum Liner, Add	*0.27*	
		For Stainless Steel Liner, Add	*0.37*	
		For High Temperature Breaching, Add	*3.93*	
		For Very High Temperature Breaching, Add	*7.11*	
23 51 16 00-0143	EA	7" Or 8" Round Galvanized Storm Collar, Double Wall	37.14	12.23
		For Aluminum Liner, Add	*0.36*	
		For Stainless Steel Liner, Add	*0.49*	
		For High Temperature Breaching, Add	*5.03*	
		For Very High Temperature Breaching, Add	*9.07*	
23 51 16 00-0144	EA	10" Round Galvanized Storm Collar, Double Wall	51.57	16.51
		For Aluminum Liner, Add	*0.57*	
		For Stainless Steel Liner, Add	*0.77*	
		For High Temperature Breaching, Add	*7.22*	
		For Very High Temperature Breaching, Add	*12.89*	
23 51 16 00-0145	EA	12" Round Galvanized Storm Collar, Double Wall	63.58	20.49
		For Aluminum Liner, Add	*0.68*	
		For Stainless Steel Liner, Add	*0.93*	
		For High Temperature Breaching, Add	*8.83*	
		For Very High Temperature Breaching, Add	*15.81*	
23 51 16 00-0146	EA	14" Or 16" Round Galvanized Storm Collar, Double Wall	82.13	24.46
		For Aluminum Liner, Add	*1.15*	
		For Stainless Steel Liner, Add	*1.57*	
		For High Temperature Breaching, Add	*12.41*	
		For Very High Temperature Breaching, Add	*21.67*	
23 51 16 00-0147	EA	18" Or 20" Round Galvanized Storm Collar, Double Wall	110.58	29.05
		For Aluminum Liner, Add	*2.09*	
		For Stainless Steel Liner, Add	*2.85*	
		For High Temperature Breaching, Add	*18.65*	
		For Very High Temperature Breaching, Add	*31.61*	
23 51 16 00-0148	EA	22" Or 24" Round Galvanized Storm Collar, Double Wall	160.25	32.10
		For Aluminum Liner, Add	*4.40*	
		For Stainless Steel Liner, Add	*6.00*	
		For High Temperature Breaching, Add	*32.03*	
		For Very High Temperature Breaching, Add	*52.05*	

23 51 16 00-0149 Oval Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

23 51 16 00-0150 Oval Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0149)*

23 51 16 00-0151	LF	4" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	30.39	7.18
		For High Temperature Breaching, Add	*5.53*	
		For Very High Temperature Breaching, Add	*9.19*	
23 51 16 00-0152	LF	5" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	33.72	7.65
		For High Temperature Breaching, Add	*6.32*	
		For Very High Temperature Breaching, Add	*10.43*	
23 51 16 00-0153	LF	6" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	37.51	8.18
		For High Temperature Breaching, Add	*7.17*	
		For Very High Temperature Breaching, Add	*11.78*	

23 51 16 00-0154 45 Degree Elbows *(23 51 16 00-0149)*

23 51 16 00-0155	EA	4" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	67.06	14.91
		For High Temperature Breaching, Add	*12.66*	
		For Very High Temperature Breaching, Add	*20.85*	
23 51 16 00-0156	EA	5" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	78.23	17.43
		For High Temperature Breaching, Add	*14.76*	
		For Very High Temperature Breaching, Add	*24.31*	
23 51 16 00-0157	EA	6" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	93.77	19.72
		For High Temperature Breaching, Add	*18.27*	
		For Very High Temperature Breaching, Add	*29.87*	
23 51 16 00-0158	EA	4" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	68.55	14.91
		For High Temperature Breaching, Add	*13.11*	
		For Very High Temperature Breaching, Add	*21.53*	
23 51 16 00-0159	EA	5" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	81.85	17.43
		For High Temperature Breaching, Add	*15.84*	
		For Very High Temperature Breaching, Add	*25.94*	
23 51 16 00-0160	EA	6" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	96.11	19.72
		For High Temperature Breaching, Add	*18.97*	
		For Very High Temperature Breaching, Add	*30.92*	

23 51 16 00-0161 Tees *(23 51 16 00-0149)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0162	EA	4" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	113.40	22.62
		For High Temperature Breaching, Add	*22.70*	
		For Very High Temperature Breaching, Add	*36.88*	
23 51 16 00-0163	EA	4" Short Snout Oval Flue/Vent Tee, Galvanized Double Wall Breech/Smoke Pipe	115.74	22.62
		For High Temperature Breaching, Add	*23.40*	
		For Very High Temperature Breaching, Add	*37.93*	
23 51 16 00-0164	EA	5" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	133.02	25.99
		For High Temperature Breaching, Add	*26.91*	
		For Very High Temperature Breaching, Add	*43.62*	
23 51 16 00-0165	EA	6" Oval Flue/Vent Tee With Round Coupling, Galvanized Double Wall Breech/Smoke Pipe	152.55	29.12
		For High Temperature Breaching, Add	*31.21*	
		For Very High Temperature Breaching, Add	*50.45*	

23 51 16 00-0166 Tops/Caps And Adjustable Flashing *(23 51 16 00-0149)*

23 51 16 00-0167	EA	4" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	44.14	7.33
		For High Temperature Breaching, Add	*9.56*	
		For Very High Temperature Breaching, Add	*15.26*	
23 51 16 00-0168	EA	6" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	69.85	9.86
		For High Temperature Breaching, Add	*16.02*	
		For Very High Temperature Breaching, Add	*25.27*	
23 51 16 00-0169	EA	4" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	35.00	7.33
		For High Temperature Breaching, Add	*6.82*	
		For Very High Temperature Breaching, Add	*11.15*	
23 51 16 00-0170	EA	6" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	61.24	9.86
		For High Temperature Breaching, Add	*13.44*	
		For Very High Temperature Breaching, Add	*21.39*	

23 51 16 00-0171 Storm Collars *(23 51 16 00-0149)*

23 51 16 00-0172	EA	4" Oval Galvanized Storm Collar, Double Wall	21.64	7.33
		For High Temperature Breaching, Add	*2.82*	
		For Very High Temperature Breaching, Add	*5.15*	
23 51 16 00-0173	EA	5" Oval Galvanized Storm Collar, Double Wall	25.52	8.56
		For High Temperature Breaching, Add	*3.37*	
		For Very High Temperature Breaching, Add	*6.13*	
23 51 16 00-0174	EA	6" Oval Galvanized Storm Collar, Double Wall	29.39	9.78
		For High Temperature Breaching, Add	*3.93*	
		For Very High Temperature Breaching, Add	*7.11*	

23 51 16 00-0175 Round Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.

23 51 16 00-0176 Round Double Wall Flue/Vent Pipe *(23 51 16 00-0175)*

Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.

23 51 16 00-0177	LF	6" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	75.16	8.18
		For 316 Stainless Steel, Add	*8.76*	
		For 2" Instead Of 1" Thickness, Add	*5.47*	
		For 3" Instead Of 1" Thickness, Add	*10.95*	
23 51 16 00-0178	LF	8" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	90.36	9.40
		For 316 Stainless Steel, Add	*10.69*	
		For 2" Instead Of 1" Thickness, Add	*6.68*	
		For 3" Instead Of 1" Thickness, Add	*13.36*	
23 51 16 00-0179	LF	10" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	100.31	10.16
		For 316 Stainless Steel, Add	*11.98*	
		For 2" Instead Of 1" Thickness, Add	*7.49*	
		For 3" Instead Of 1" Thickness, Add	*14.97*	
23 51 16 00-0180	LF	12" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	113.12	11.08
		For 316 Stainless Steel, Add	*13.65*	
		For 2" Instead Of 1" Thickness, Add	*8.53*	
		For 3" Instead Of 1" Thickness, Add	*17.07*	
23 51 16 00-0181	LF	14" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	127.33	11.61
		For 316 Stainless Steel, Add	*15.71*	
		For 2" Instead Of 1" Thickness, Add	*9.82*	
		For 3" Instead Of 1" Thickness, Add	*19.64*	
23 51 16 00-0182	LF	16" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	134.47	12.23
		For 316 Stainless Steel, Add	*16.61*	
		For 2" Instead Of 1" Thickness, Add	*10.38*	
		For 3" Instead Of 1" Thickness, Add	*20.77*	
23 51 16 00-0183	LF	18" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	148.94	12.91
		For 316 Stainless Steel, Add	*18.68*	
		For 2" Instead Of 1" Thickness, Add	*11.67*	
		For 3" Instead Of 1" Thickness, Add	*23.34*	
23 51 16 00-0184	LF	20" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	184.61	20.41
		For 316 Stainless Steel, Add	*21.38*	
		For 2" Instead Of 1" Thickness, Add	*13.36*	
		For 3" Instead Of 1" Thickness, Add	*26.73*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0185	LF	24" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	229.62	22.93
		For 316 Stainless Steel, Add	*27.56*	
		For 2" Instead Of 1" Thickness, Add	*17.23*	
		For 3" Instead Of 1" Thickness, Add	*34.45*	
23 51 16 00-0186	LF	28" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	259.15	24.46
		For 316 Stainless Steel, Add	*31.68*	
		For 2" Instead Of 1" Thickness, Add	*19.80*	
		For 3" Instead Of 1" Thickness, Add	*39.61*	
23 51 16 00-0187	LF	32" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	290.05	27.14
		For 316 Stainless Steel, Add	*35.55*	
		For 2" Instead Of 1" Thickness, Add	*22.22*	
		For 3" Instead Of 1" Thickness, Add	*44.44*	
23 51 16 00-0188	LF	36" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	322.83	29.35
		For 316 Stainless Steel, Add	*39.93*	
		For 2" Instead Of 1" Thickness, Add	*24.95*	
		For 3" Instead Of 1" Thickness, Add	*49.91*	
23 51 16 00-0189	LF	42" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	368.54	33.40
		For 316 Stainless Steel, Add	*45.59*	
		For 2" Instead Of 1" Thickness, Add	*28.50*	
		For 3" Instead Of 1" Thickness, Add	*56.99*	
23 51 16 00-0190	LF	48" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	431.57	38.68
		For 316 Stainless Steel, Add	*53.58*	
		For 2" Instead Of 1" Thickness, Add	*33.49*	
		For 3" Instead Of 1" Thickness, Add	*66.97*	

23 51 16 00-0191 90 Degree Elbows *(23 51 16 00-0175)*

23 51 16 00-0192	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	352.93	16.89
		For 316 Stainless Steel, Add	*62.14*	
		For 2" Instead Of 1" Thickness, Add	*31.07*	
		For 3" Instead Of 1" Thickness, Add	*62.14*	
23 51 16 00-0193	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	389.92	18.81
		For 316 Stainless Steel, Add	*68.58*	
		For 2" Instead Of 1" Thickness, Add	*34.29*	
		For 3" Instead Of 1" Thickness, Add	*68.58*	
23 51 16 00-0194	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	443.84	20.41
		For 316 Stainless Steel, Add	*78.57*	
		For 2" Instead Of 1" Thickness, Add	*39.28*	
		For 3" Instead Of 1" Thickness, Add	*78.57*	
23 51 16 00-0195	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	501.53	22.24
		For 316 Stainless Steel, Add	*89.19*	
		For 2" Instead Of 1" Thickness, Add	*44.60*	
		For 3" Instead Of 1" Thickness, Add	*89.19*	
23 51 16 00-0196	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	581.49	23.31
		For 316 Stainless Steel, Add	*104.65*	
		For 2" Instead Of 1" Thickness, Add	*52.32*	
		For 3" Instead Of 1" Thickness, Add	*104.65*	
23 51 16 00-0197	EA	16" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	640.73	24.46
		For 316 Stainless Steel, Add	*115.92*	
		For 2" Instead Of 1" Thickness, Add	*57.96*	
		For 3" Instead Of 1" Thickness, Add	*115.92*	
23 51 16 00-0198	EA	18" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	740.54	25.76
		For 316 Stainless Steel, Add	*135.24*	
		For 2" Instead Of 1" Thickness, Add	*67.62*	
		For 3" Instead Of 1" Thickness, Add	*135.24*	
23 51 16 00-0199	EA	20" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	858.60	40.75
		For 316 Stainless Steel, Add	*151.34*	
		For 2" Instead Of 1" Thickness, Add	*75.67*	
		For 3" Instead Of 1" Thickness, Add	*151.34*	
23 51 16 00-0200	EA	24" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,056.48	45.86
		For 316 Stainless Steel, Add	*188.37*	
		For 2" Instead Of 1" Thickness, Add	*94.18*	
		For 3" Instead Of 1" Thickness, Add	*188.37*	
23 51 16 00-0201	EA	28" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,281.48	48.92
		For 316 Stainless Steel, Add	*231.84*	
		For 2" Instead Of 1" Thickness, Add	*115.92*	
		For 3" Instead Of 1" Thickness, Add	*231.84*	
23 51 16 00-0202	EA	32" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,692.65	52.36
		For 316 Stainless Steel, Add	*312.33*	
		For 2" Instead Of 1" Thickness, Add	*156.17*	
		For 3" Instead Of 1" Thickness, Add	*312.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0203	EA	36" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,923.83	61.16
		For 316 Stainless Steel, Add	*354.19*	
		For 2" Instead Of 1" Thickness, Add	*177.10*	
		For 3" Instead Of 1" Thickness, Add	*354.19*	
23 51 16 00-0204	EA	42" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,823.18	66.74
		For 316 Stainless Steel, Add	*531.29*	
		For 2" Instead Of 1" Thickness, Add	*265.65*	
		For 3" Instead Of 1" Thickness, Add	*531.29*	
23 51 16 00-0205	EA	48" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,524.13	73.38
		For 316 Stainless Steel, Add	*668.14*	
		For 2" Instead Of 1" Thickness, Add	*334.07*	
		For 3" Instead Of 1" Thickness, Add	*668.14*	

23 51 16 00-0206 45 Degree Elbows *(23 51 16 00-0175)*

23 51 16 00-0207	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	235.56	16.28
		For 316 Stainless Steel, Add	*38.96*	
		For 2" Instead Of 1" Thickness, Add	*19.48*	
		For 3" Instead Of 1" Thickness, Add	*38.96*	
23 51 16 00-0208	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	269.18	18.81
		For 316 Stainless Steel, Add	*44.44*	
		For 2" Instead Of 1" Thickness, Add	*22.22*	
		For 3" Instead Of 1" Thickness, Add	*44.44*	
23 51 16 00-0209	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	298.93	20.41
		For 316 Stainless Steel, Add	*49.59*	
		For 2" Instead Of 1" Thickness, Add	*24.79*	
		For 3" Instead Of 1" Thickness, Add	*49.59*	
23 51 16 00-0210	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	340.54	22.24
		For 316 Stainless Steel, Add	*56.99*	
		For 2" Instead Of 1" Thickness, Add	*28.50*	
		For 3" Instead Of 1" Thickness, Add	*56.99*	
23 51 16 00-0211	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	383.46	23.31
		For 316 Stainless Steel, Add	*65.04*	
		For 2" Instead Of 1" Thickness, Add	*32.52*	
		For 3" Instead Of 1" Thickness, Add	*65.04*	
23 51 16 00-0212	EA	16" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	429.82	24.46
		For 316 Stainless Steel, Add	*73.74*	
		For 2" Instead Of 1" Thickness, Add	*36.87*	
		For 3" Instead Of 1" Thickness, Add	*73.74*	
23 51 16 00-0213	EA	18" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	481.33	25.76
		For 316 Stainless Steel, Add	*83.40*	
		For 2" Instead Of 1" Thickness, Add	*41.70*	
		For 3" Instead Of 1" Thickness, Add	*83.40*	
23 51 16 00-0214	EA	20" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	578.48	40.75
		For 316 Stainless Steel, Add	*95.31*	
		For 2" Instead Of 1" Thickness, Add	*47.66*	
		For 3" Instead Of 1" Thickness, Add	*95.31*	
23 51 16 00-0215	EA	24" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	726.45	45.86
		For 316 Stainless Steel, Add	*122.36*	
		For 2" Instead Of 1" Thickness, Add	*61.18*	
		For 3" Instead Of 1" Thickness, Add	*122.36*	
23 51 16 00-0216	EA	28" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	814.59	48.92
		For 316 Stainless Steel, Add	*138.46*	
		For 2" Instead Of 1" Thickness, Add	*69.23*	
		For 3" Instead Of 1" Thickness, Add	*138.46*	
23 51 16 00-0217	EA	32" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,056.71	52.36
		For 316 Stainless Steel, Add	*185.15*	
		For 2" Instead Of 1" Thickness, Add	*92.57*	
		For 3" Instead Of 1" Thickness, Add	*185.15*	
23 51 16 00-0218	EA	36" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,400.60	61.16
		For 316 Stainless Steel, Add	*249.55*	
		For 2" Instead Of 1" Thickness, Add	*124.77*	
		For 3" Instead Of 1" Thickness, Add	*249.55*	
23 51 16 00-0219	EA	42" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,857.20	66.74
		For 316 Stainless Steel, Add	*338.09*	
		For 2" Instead Of 1" Thickness, Add	*169.05*	
		For 3" Instead Of 1" Thickness, Add	*338.09*	
23 51 16 00-0220	EA	48" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,477.67	73.38
		For 316 Stainless Steel, Add	*458.84*	
		For 2" Instead Of 1" Thickness, Add	*229.42*	
		For 3" Instead Of 1" Thickness, Add	*458.84*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0221		Tees *(23 51 16 00-0175)*		
23 51 16 00-0222	EA	6" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	255.48	20.41
		For 316 Stainless Steel, Add	*44.98*	
		For Tee Cap, Add	*58.75*	
		For 2" Instead Of 1" Thickness, Add	*20.45*	
		For 3" Instead Of 1" Thickness, Add	*40.89*	
23 51 16 00-0223	EA	8" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	290.63	22.24
		For 316 Stainless Steel, Add	*51.71*	
		For Tee Cap, Add	*66.46*	
		For 2" Instead Of 1" Thickness, Add	*23.51*	
		For 3" Instead Of 1" Thickness, Add	*47.01*	
23 51 16 00-0224	EA	10" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	333.53	23.31
		For 316 Stainless Steel, Add	*60.57*	
		For Tee Cap, Add	*75.44*	
		For 2" Instead Of 1" Thickness, Add	*27.53*	
		For 3" Instead Of 1" Thickness, Add	*55.06*	
23 51 16 00-0225	EA	12" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	383.13	24.46
		For 316 Stainless Steel, Add	*70.84*	
		For Tee Cap, Add	*85.80*	
		For 2" Instead Of 1" Thickness, Add	*32.20*	
		For 3" Instead Of 1" Thickness, Add	*64.40*	
23 51 16 00-0226	EA	14" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	447.89	27.21
		For 316 Stainless Steel, Add	*83.59*	
		For Tee Cap, Add	*99.77*	
		For 2" Instead Of 1" Thickness, Add	*38.00*	
		For 3" Instead Of 1" Thickness, Add	*75.99*	
23 51 16 00-0227	EA	16" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	503.03	30.57
		For 316 Stainless Steel, Add	*93.86*	
		For Tee Cap, Add	*112.06*	
		For 2" Instead Of 1" Thickness, Add	*42.66*	
		For 3" Instead Of 1" Thickness, Add	*85.33*	
23 51 16 00-0228	EA	18" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	586.38	34.93
		For 316 Stainless Steel, Add	*109.80*	
		For Tee Cap, Add	*130.37*	
		For 2" Instead Of 1" Thickness, Add	*49.91*	
		For 3" Instead Of 1" Thickness, Add	*99.82*	
23 51 16 00-0229	EA	20" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	671.40	43.18
		For 316 Stainless Steel, Add	*123.97*	
		For Tee Cap, Add	*150.47*	
		For 2" Instead Of 1" Thickness, Add	*56.35*	
		For 3" Instead Of 1" Thickness, Add	*112.70*	
23 51 16 00-0230	EA	24" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	853.21	61.16
		For 316 Stainless Steel, Add	*154.07*	
		For Tee Cap, Add	*193.57*	
		For 2" Instead Of 1" Thickness, Add	*70.03*	
		For 3" Instead Of 1" Thickness, Add	*140.07*	
23 51 16 00-0231	EA	28" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,036.11	66.74
		For 316 Stainless Steel, Add	*191.26*	
		For Tee Cap, Add	*232.23*	
		For 2" Instead Of 1" Thickness, Add	*86.94*	
		For 3" Instead Of 1" Thickness, Add	*173.88*	
23 51 16 00-0232	EA	32" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,374.83	73.38
		For 316 Stainless Steel, Add	*262.10*	
		For Tee Cap, Add	*302.48*	
		For 2" Instead Of 1" Thickness, Add	*119.14*	
		For 3" Instead Of 1" Thickness, Add	*238.28*	
23 51 16 00-0233	EA	36" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,532.16	81.56
		For 316 Stainless Steel, Add	*292.21*	
		For Tee Cap, Add	*337.02*	
		For 2" Instead Of 1" Thickness, Add	*132.82*	
		For 3" Instead Of 1" Thickness, Add	*265.64*	
23 51 16 00-0234	EA	42" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,438.97	122.30
		For 316 Stainless Steel, Add	*469.31*	
		For Tee Cap, Add	*533.66*	
		For 2" Instead Of 1" Thickness, Add	*213.32*	
		For 3" Instead Of 1" Thickness, Add	*426.64*	
23 51 16 00-0235	EA	48" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,063.63	146.76
		For 316 Stainless Steel, Add	*593.27*	
		For Tee Cap, Add	*667.77*	
		For 2" Instead Of 1" Thickness, Add	*269.67*	
		For 3" Instead Of 1" Thickness, Add	*539.34*	
23 51 16 00-0236		Bellows *(23 51 16 00-0175)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0237	EA	6" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	481.88	16.28
		For 2" Instead Of 1" Thickness, Add	*44.11*	
		For 3" Instead Of 1" Thickness, Add	*88.23*	
23 51 16 00-0238	EA	8" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	525.16	18.81
		For 2" Instead Of 1" Thickness, Add	*47.82*	
		For 3" Instead Of 1" Thickness, Add	*95.63*	
23 51 16 00-0239	EA	10" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	574.25	20.41
		For 2" Instead Of 1" Thickness, Add	*52.32*	
		For 3" Instead Of 1" Thickness, Add	*104.65*	
23 51 16 00-0240	EA	12" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	635.16	22.24
		For 2" Instead Of 1" Thickness, Add	*57.96*	
		For 3" Instead Of 1" Thickness, Add	*115.92*	
23 51 16 00-0241	EA	14" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	710.29	23.31
		For 2" Instead Of 1" Thickness, Add	*65.20*	
		For 3" Instead Of 1" Thickness, Add	*130.41*	
23 51 16 00-0242	EA	16" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	785.63	24.46
		For 2" Instead Of 1" Thickness, Add	*72.45*	
		For 3" Instead Of 1" Thickness, Add	*144.90*	
23 51 16 00-0243	EA	18" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	877.38	25.76
		For 2" Instead Of 1" Thickness, Add	*81.30*	
		For 3" Instead Of 1" Thickness, Add	*162.61*	
23 51 16 00-0244	EA	20" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,019.59	40.75
		For 2" Instead Of 1" Thickness, Add	*91.77*	
		For 3" Instead Of 1" Thickness, Add	*183.54*	
23 51 16 00-0245	EA	24" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,257.74	45.86
		For 2" Instead Of 1" Thickness, Add	*114.31*	
		For 3" Instead Of 1" Thickness, Add	*228.62*	
23 51 16 00-0246	EA	28" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,410.29	48.92
		For 2" Instead Of 1" Thickness, Add	*128.80*	
		For 3" Instead Of 1" Thickness, Add	*257.59*	
23 51 16 00-0247	EA	32" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,612.23	52.44
		For 2" Instead Of 1" Thickness, Add	*148.12*	
		For 3" Instead Of 1" Thickness, Add	*296.23*	
23 51 16 00-0248	EA	36" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,843.36	61.16
		For 2" Instead Of 1" Thickness, Add	*169.05*	
		For 3" Instead Of 1" Thickness, Add	*338.09*	
23 51 16 00-0249	EA	42" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,340.21	66.74
		For 2" Instead Of 1" Thickness, Add	*217.35*	
		For 3" Instead Of 1" Thickness, Add	*434.69*	
23 51 16 00-0250	EA	48" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,839.92	73.38
		For 2" Instead Of 1" Thickness, Add	*265.65*	
		For 3" Instead Of 1" Thickness, Add	*531.29*	

23 51 16 00-0251 Ventilated Roof Thimbles *(23 51 16 00-0175)*

23 51 16 00-0252	EA	6" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	320.72	18.81
		For 316 Stainless Steel, Add	*27.37*	
23 51 16 00-0253	EA	8" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	348.58	22.24
		For 316 Stainless Steel, Add	*29.30*	
23 51 16 00-0254	EA	10" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	381.50	24.46
		For 316 Stainless Steel, Add	*32.04*	
23 51 16 00-0255	EA	12" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	412.52	27.21
		For 316 Stainless Steel, Add	*34.45*	
23 51 16 00-0256	EA	14" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	524.36	28.82
		For 316 Stainless Steel, Add	*45.24*	
23 51 16 00-0257	EA	16" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	469.26	30.57
		For 316 Stainless Steel, Add	*39.28*	
23 51 16 00-0258	EA	18" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	504.99	32.64
		For 316 Stainless Steel, Add	*42.34*	
23 51 16 00-0259	EA	20" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	568.67	45.86
		For 316 Stainless Steel, Add	*45.40*	
23 51 16 00-0260	EA	24" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	638.03	52.36
		For 316 Stainless Steel, Add	*50.71*	
23 51 16 00-0261	EA	28" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	728.67	56.41
		For 316 Stainless Steel, Add	*58.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0262	EA	32" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	812.87	61.07
		For 316 Stainless Steel, Add	*66.01*	
23 51 16 00-0263	EA	36" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	907.83	73.30
		For 316 Stainless Steel, Add	*72.45*	
23 51 16 00-0264	EA	42" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,161.68	81.48
		For 316 Stainless Steel, Add	*95.79*	
23 51 16 00-0265	EA	48" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,436.64	91.65
		For 316 Stainless Steel, Add	*120.75*	

23 51 16 00-0266 Exit Cones *(23 51 16 00-0175)*

23 51 16 00-0267	EA	6" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	221.42	10.63
23 51 16 00-0268	EA	8" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	233.59	11.61
23 51 16 00-0269	EA	10" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	251.14	12.23
23 51 16 00-0270	EA	12" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	262.41	12.84
23 51 16 00-0271	EA	14" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	289.02	13.23
23 51 16 00-0272	EA	16" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	315.65	13.53
23 51 16 00-0273	EA	18" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	382.66	13.99
23 51 16 00-0274	EA	20" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	479.29	26.22
23 51 16 00-0275	EA	24" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	601.83	28.21
23 51 16 00-0276	EA	28" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	717.37	29.35
23 51 16 00-0277	EA	32" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	881.43	30.57
23 51 16 00-0278	EA	36" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,001.10	33.40
23 51 16 00-0279	EA	42" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,262.67	34.93
23 51 16 00-0280	EA	48" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,613.16	36.69

23 51 16 00-0281 Vent Top Caps *(23 51 16 00-0175)*

23 51 16 00-0282	EA	6" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	242.29	10.63
23 51 16 00-0283	EA	8" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	280.27	11.61
23 51 16 00-0284	EA	10" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	325.17	12.23
23 51 16 00-0285	EA	12" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	373.47	12.84
23 51 16 00-0286	EA	14" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	435.50	13.23
23 51 16 00-0287	EA	16" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	494.41	13.61
23 51 16 00-0288	EA	18" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	550.12	13.99
23 51 16 00-0289	EA	20" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	661.15	26.22
23 51 16 00-0290	EA	24" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	786.98	28.21
23 51 16 00-0291	EA	28" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	854.17	29.35
23 51 16 00-0292	EA	32" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	969.93	30.57
23 51 16 00-0293	EA	36" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,129.81	33.32
23 51 16 00-0294	EA	42" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,375.30	34.93
23 51 16 00-0295	EA	48" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,597.00	36.69

23 51 16 00-0296 Roof Support Assemblies *(23 51 16 00-0175)*

23 51 16 00-0297	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	366.02	19.57
		For 316 Stainless Steel, Add	*63.43*	
23 51 16 00-0298	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	404.39	23.31
		For 316 Stainless Steel, Add	*69.23*	
23 51 16 00-0299	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	444.27	25.76
		For 316 Stainless Steel, Add	*75.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0300	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	474.38	28.74
		For 316 Stainless Steel, Add	*80.50*	
23 51 16 00-0301	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	528.84	30.57
		For 316 Stainless Steel, Add	*90.48*	
23 51 16 00-0302	EA	16" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	561.31	32.64
		For 316 Stainless Steel, Add	*95.95*	
23 51 16 00-0303	EA	18" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	602.63	35.00
		For 316 Stainless Steel, Add	*103.04*	
23 51 16 00-0304	EA	20" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	669.69	48.92
		For 316 Stainless Steel, Add	*109.48*	
23 51 16 00-0305	EA	24" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	752.93	56.49
		For 316 Stainless Steel, Add	*122.36*	
23 51 16 00-0306	EA	28" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	869.31	61.16
		For 316 Stainless Steel, Add	*143.29*	
23 51 16 00-0307	EA	32" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,036.13	66.74
		For 316 Stainless Steel, Add	*173.88*	
23 51 16 00-0308	EA	36" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,202.12	81.56
		For 316 Stainless Steel, Add	*199.64*	
23 51 16 00-0309	EA	42" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,790.97	91.73
		For 316 Stainless Steel, Add	*312.33*	
23 51 16 00-0310	EA	48" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,192.67	104.26
		For 316 Stainless Steel, Add	*386.39*	

23 51 16 00-0311 Round Stainless Steel Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

Note: With 1" insulation.

23 51 16 00-0312 Round Stainless Steel Double Wall Flue/Vent Pipe *(23 51 16 00-0311)*

Note: With 1" insulation.

23 51 16 00-0313	LF	6" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	65.50	8.18
		For 2" Instead Of 1" Thickness, Add	*4.51*	
		For 3" Instead Of 1" Thickness, Add	*9.02*	
23 51 16 00-0314	LF	7" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	79.81	8.71
		For 2" Instead Of 1" Thickness, Add	*5.80*	
		For 3" Instead Of 1" Thickness, Add	*11.59*	
23 51 16 00-0315	LF	8" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	91.17	9.40
		For 2" Instead Of 1" Thickness, Add	*6.76*	
		For 3" Instead Of 1" Thickness, Add	*13.52*	
23 51 16 00-0316	LF	10" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	123.62	10.16
		For 2" Instead Of 1" Thickness, Add	*9.82*	
		For 3" Instead Of 1" Thickness, Add	*19.64*	
23 51 16 00-0317	LF	12" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	159.84	11.16
		For 2" Instead Of 1" Thickness, Add	*13.20*	
		For 3" Instead Of 1" Thickness, Add	*26.40*	
23 51 16 00-0318	LF	14" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	203.07	11.70
		For 2" Instead Of 1" Thickness, Add	*17.39*	
		For 3" Instead Of 1" Thickness, Add	*34.78*	

23 51 16 00-0319 90 Degree Elbows *(23 51 16 00-0311)*

23 51 16 00-0320	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	141.39	16.28
		For 2" Instead Of 1" Thickness, Add	*10.06*	
		For 3" Instead Of 1" Thickness, Add	*20.12*	
23 51 16 00-0321	EA	7" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	156.34	17.43
		For 2" Instead Of 1" Thickness, Add	*11.27*	
		For 3" Instead Of 1" Thickness, Add	*22.54*	
23 51 16 00-0322	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	175.83	18.81
		For 2" Instead Of 1" Thickness, Add	*12.88*	
		For 3" Instead Of 1" Thickness, Add	*25.76*	
23 51 16 00-0323	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	218.43	20.41
		For 2" Instead Of 1" Thickness, Add	*16.74*	
		For 3" Instead Of 1" Thickness, Add	*33.49*	
23 51 16 00-0324	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	260.05	22.24
		For 2" Instead Of 1" Thickness, Add	*20.45*	
		For 3" Instead Of 1" Thickness, Add	*40.89*	
23 51 16 00-0325	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	302.93	23.31
		For 2" Instead Of 1" Thickness, Add	*24.47*	
		For 3" Instead Of 1" Thickness, Add	*48.94*	

23 51 16 00-0326 45 Degree Elbows *(23 51 16 00-0311)*

23 51 16 00-0327	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	116.25	16.28
		For 2" Instead Of 1" Thickness, Add	*7.55*	
		For 3" Instead Of 1" Thickness, Add	*15.09*	
23 51 16 00-0328	EA	7" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	128.16	17.43
		For 2" Instead Of 1" Thickness, Add	*8.45*	
		For 3" Instead Of 1" Thickness, Add	*16.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0329	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	143.64	18.81
		For 2" Instead Of 1" Thickness, Add	*9.66*	
		For 3" Instead Of 1" Thickness, Add	*19.32*	
23 51 16 00-0330	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	176.56	20.41
		For 2" Instead Of 1" Thickness, Add	*12.56*	
		For 3" Instead Of 1" Thickness, Add	*25.12*	
23 51 16 00-0331	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	208.91	22.24
		For 2" Instead Of 1" Thickness, Add	*15.34*	
		For 3" Instead Of 1" Thickness, Add	*30.67*	
23 51 16 00-0332	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	241.78	23.31
		For 2" Instead Of 1" Thickness, Add	*18.35*	
		For 3" Instead Of 1" Thickness, Add	*36.71*	
23 51 16 00-0333		**Tees With Tee Caps** *(23 51 16 00-0311)*		
23 51 16 00-0334	EA	6" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	230.72	16.28
		For 2" Instead Of 1" Thickness, Add	*19.00*	
		For 3" Instead Of 1" Thickness, Add	*38.00*	
23 51 16 00-0335	EA	7" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	291.59	17.43
		For 2" Instead Of 1" Thickness, Add	*24.79*	
		For 3" Instead Of 1" Thickness, Add	*49.59*	
23 51 16 00-0336	EA	8" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	327.14	18.81
		For 2" Instead Of 1" Thickness, Add	*28.01*	
		For 3" Instead Of 1" Thickness, Add	*56.03*	
23 51 16 00-0337	EA	10" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	445.37	20.41
		For 2" Instead Of 1" Thickness, Add	*39.44*	
		For 3" Instead Of 1" Thickness, Add	*78.89*	
23 51 16 00-0338	EA	12" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	610.99	22.24
		For 2" Instead Of 1" Thickness, Add	*55.54*	
		For 3" Instead Of 1" Thickness, Add	*111.09*	
23 51 16 00-0339	EA	14" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	782.68	23.31
		For 2" Instead Of 1" Thickness, Add	*72.45*	
		For 3" Instead Of 1" Thickness, Add	*144.90*	
23 51 16 00-0340		**Joist Shields** *(23 51 16 00-0311)*		
23 51 16 00-0341	EA	6" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	98.71	16.28
23 51 16 00-0342	EA	7" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	106.44	17.43
23 51 16 00-0343	EA	8" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	124.29	18.81
23 51 16 00-0344	EA	10" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	154.85	20.41
23 51 16 00-0345	EA	12" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	185.17	22.24
23 51 16 00-0346	EA	14" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	219.21	23.31
23 51 16 00-0347		**Adjustable Roof Flashing** *(23 51 16 00-0311)*		
23 51 16 00-0348	EA	6" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	117.21	16.28
23 51 16 00-0349	EA	7" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	130.58	17.43
23 51 16 00-0350	EA	8" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	141.99	18.81
23 51 16 00-0351	EA	10" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	172.54	20.41
23 51 16 00-0352	EA	12" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	212.59	22.24
23 51 16 00-0353	EA	14" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	254.60	23.24
23 51 16 00-0354		**Vent Top Caps** *(23 51 16 00-0311)*		
23 51 16 00-0355	EA	6" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	105.15	16.28
23 51 16 00-0356	EA	7" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	131.38	17.43
23 51 16 00-0357	EA	8" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	164.54	18.81
23 51 16 00-0358	EA	10" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	261.93	20.41
23 51 16 00-0359	EA	12" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	356.67	22.24
23 51 16 00-0360	EA	14" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	454.27	23.31
23 51 16 00-0361		**Roof Support Assemblies** *(23 51 16 00-0311)*		
23 51 16 00-0362	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	155.80	16.28
23 51 16 00-0363	EA	7" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	173.24	17.43
23 51 16 00-0364	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	187.86	18.81
23 51 16 00-0365	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	236.10	20.41
23 51 16 00-0366	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	279.37	22.24
23 51 16 00-0367	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	341.58	23.31
23 51 16 00-0368		**PVC Flue/Vent Accessories** *(23 51 16)*		
23 51 16 00-0369		**Concentric PVC Vent Termination** *(23 51 16 00-0368)*		
23 51 16 00-0370	EA	2" Concentric PVC Vent Termination	133.24	31.14
23 51 16 00-0371	EA	3" Concentric PVC Vent Termination	143.39	31.14

23 52 Heating Boilers *(23 50)*

23 52 13 Electric Boilers *(23 52)*

23 52 13 00-0001 Packaged Electric Steam Boiler *(23 52 13)*

Note: Includes burners, standard controls and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Rated by KW and MBH output.

23 52 13 00-0002	EA	12 KW, 42 MBH Electric Steam Boiler With Packaged Standard Controls	10,231.06	570.43

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 13 00-0003	EA	24 KW, 84 MBH Electric Steam Boiler With Packaged Standard Controls	11,109.85	665.51
23 52 13 00-0004	EA	36 KW, 126 MBH Electric Steam Boiler With Packaged Standard Controls	12,169.03	713.05
23 52 13 00-0005	EA	48 KW, 168 MBH Electric Steam Boiler With Packaged Standard Controls	13,696.50	760.59
23 52 13 00-0006	EA	60 KW, 210 MBH Electric Steam Boiler With Packaged Standard Controls	15,182.64	808.12
23 52 13 00-0007	EA	80 KW, 280 MBH Electric Steam Boiler With Packaged Standard Controls	17,851.92	903.20
23 52 13 00-0008	EA	100 KW, 350 MBH Electric Steam Boiler With Packaged Standard Controls	20,521.21	998.27
23 52 13 00-0009	EA	120 KW, 420 MBH Electric Steam Boiler With Packaged Standard Controls	21,139.67	1,045.80
23 52 13 00-0010	EA	140 KW, 490 MBH Electric Steam Boiler With Packaged Standard Controls	21,744.34	1,093.34
23 52 13 00-0011	EA	160 KW, 560 MBH Electric Steam Boiler With Packaged Standard Controls	29,234.17	1,188.41
23 52 13 00-0012	EA	180 KW, 630 MBH Electric Steam Boiler With Packaged Standard Controls	30,568.81	1,235.95
23 52 13 00-0013	EA	200 KW, 700 MBH Electric Steam Boiler With Packaged Standard Controls	31,856.17	1,259.84
23 52 13 00-0014	EA	220 KW, 770 MBH Electric Steam Boiler With Packaged Standard Controls	33,282.37	1,353.16
23 52 13 00-0015	EA	240 KW, 840 MBH Electric Steam Boiler With Packaged Standard Controls	36,058.34	1,446.48
23 52 13 00-0016	EA	260 KW, 910 MBH Electric Steam Boiler With Packaged Standard Controls	38,982.72	1,586.47
23 52 13 00-0017	EA	280 KW, 980 MBH Electric Steam Boiler With Packaged Standard Controls	41,141.99	1,633.12
23 52 13 00-0018	EA	300 KW, 1050 MBH Electric Steam Boiler With Packaged Standard Controls	43,301.27	1,679.78
23 52 13 00-0019	EA	320 KW, 1120 MBH Electric Steam Boiler With Packaged Standard Controls	44,771.89	1,726.45
23 52 13 00-0020	EA	360 KW, 1260 MBH Electric Steam Boiler With Packaged Standard Controls	46,242.51	1,773.10
23 52 13 00-0021	EA	400 KW, 1400 MBH Electric Steam Boiler With Packaged Standard Controls	49,459.21	1,866.42
23 52 13 00-0022	EA	460 KW, 1610 MBH Electric Steam Boiler With Packaged Standard Controls	52,675.92	1,959.75
23 52 13 00-0023	EA	500 KW, 1750 MBH Electric Steam Boiler With Packaged Standard Controls	55,799.30	2,006.40
23 52 13 00-0024	EA	600 KW, 2100 MBH Electric Steam Boiler With Packaged Standard Controls	62,779.11	2,053.07
23 52 13 00-0025	EA	700 KW, 2450 MBH Electric Steam Boiler With Packaged Standard Controls	67,510.85	2,146.38
23 52 13 00-0026	EA	756 KW, 2646 MBH Electric Steam Boiler With Packaged Standard Controls	69,212.53	2,239.71
23 52 13 00-0027	EA	828 KW, 2898 MBH Electric Steam Boiler With Packaged Standard Controls	77,205.37	2,379.70
23 52 13 00-0028	EA	936 KW, 3276 MBH Electric Steam Boiler With Packaged Standard Controls	79,413.55	2,519.68
23 52 13 00-0029	EA	1008 KW, 3528 MBH Electric Steam Boiler With Packaged Standard Controls	81,621.73	2,659.66
23 52 13 00-0030	EA	1116 KW, 3906 MBH Electric Steam Boiler With Packaged Standard Controls	87,686.35	2,799.64
23 52 13 00-0031	EA	1224 KW, 4284 MBH Electric Steam Boiler With Packaged Standard Controls	90,352.14	2,892.96
23 52 13 00-0032	EA	1368 KW, 4788 MBH Electric Steam Boiler With Packaged Standard Controls	94,030.94	3,079.61
23 52 13 00-0033	EA	1440 KW, 5040 MBH Electric Steam Boiler With Packaged Standard Controls	97,434.29	3,266.24
23 52 13 00-0034	EA	1512 KW, 5292 MBH Electric Steam Boiler With Packaged Standard Controls	107,448.68	3,452.89
23 52 13 00-0035	EA	1620 KW, 5670 MBH Electric Steam Boiler With Packaged Standard Controls	113,606.62	3,639.53

23 52 13 00-0036 Packaged Electric Hot Water Boiler *(23 52 13)*

Note: Flush jacketed steel shell. Includes burners, and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.). Rated by KW and MBH output.

23 52 13 00-0037	EA	9 KW, 31 MBH, Electric Hot Boiler With Packaged Standard Controls	8,620.95	522.90
23 52 13 00-0038	EA	12 KW, 41 MBH, Electric Hot Boiler With Packaged Standard Controls	9,266.95	570.43
23 52 13 00-0039	EA	18 KW, 61 MBH, Electric Hot Boiler With Packaged Standard Controls	9,912.94	617.97
23 52 13 00-0040	EA	24 KW, 82 MBH, Electric Hot Boiler With Packaged Standard Controls	10,462.52	665.51
23 52 13 00-0041	EA	36 KW, 123 MBH, Electric Hot Boiler With Packaged Standard Controls	11,025.87	713.05
23 52 13 00-0042	EA	48 KW, 164 MBH, Electric Hot Boiler With Packaged Standard Controls	11,575.46	760.59
23 52 13 00-0043	EA	60 KW, 205 MBH Electric Hot Boiler With Packaged Standard Controls	12,221.45	808.12
23 52 13 00-0044	EA	72 KW, 246 MBH Electric Hot Boiler With Packaged Standard Controls	13,142.90	855.66
23 52 13 00-0045	EA	84 KW, 287 MBH Electric Hot Boiler With Packaged Standard Controls	13,692.48	903.20
23 52 13 00-0046	EA	90 KW, 307 MBH Electric Hot Boiler With Packaged Standard Controls	14,228.29	950.73
23 52 13 00-0047	EA	105 KW, 358 MBH Electric Hot Boiler With Packaged Standard Controls	15,149.75	998.27
23 52 13 00-0048	EA	120 KW, 409 MBH Electric Hot Boiler With Packaged Standard Controls	15,933.47	1,045.80
23 52 13 00-0049	EA	135 KW, 461 MBH Electric Hot Boiler With Packaged Standard Controls	17,199.25	1,093.34
23 52 13 00-0050	EA	150 KW, 512 MBH Electric Hot Boiler With Packaged Standard Controls	17,845.24	1,140.88
23 52 13 00-0051	EA	165 KW, 563 MBH Electric Hot Boiler With Packaged Standard Controls	18,560.10	1,188.41
23 52 13 00-0052	EA	180 KW, 614 MBH Electric Hot Boiler With Packaged Standard Controls	20,473.20	1,235.95
23 52 13 00-0053	EA	195 KW, 665 MBH Electric Hot Boiler With Packaged Standard Controls	22,352.80	1,259.84
23 52 13 00-0054	EA	225 KW, 768 MBH Electric Hot Boiler With Packaged Standard Controls	24,357.47	1,353.16
23 52 13 00-0055	EA	240 KW, 819 MBH Electric Hot Boiler With Packaged Standard Controls	26,375.92	1,446.48
23 52 13 00-0056	EA	270 KW, 921 MBH Electric Hot Boiler With Packaged Standard Controls	28,473.92	1,586.47
23 52 13 00-0057	EA	300 KW, 1024 MBH Electric Hot Boiler With Packaged Standard Controls	30,492.38	1,679.78
23 52 13 00-0058	EA	330 KW, 1126 MBH Electric Hot Boiler With Packaged Standard Controls	32,125.19	1,773.10
23 52 13 00-0059	EA	360 KW, 1228 MBH Electric Hot Boiler With Packaged Standard Controls	33,664.67	1,819.77
23 52 13 00-0060	EA	390 KW, 1331 MBH Electric Hot Boiler With Packaged Standard Controls	35,879.03	1,866.42
23 52 13 00-0061	EA	420 KW, 1433 MBH Electric Hot Boiler With Packaged Standard Controls	38,076.54	1,959.75
23 52 13 00-0062	EA	450 KW, 1535 MBH Electric Hot Boiler With Packaged Standard Controls	40,280.22	1,959.75
23 52 13 00-0063	EA	504 KW, 1720 MBH Electric Hot Boiler With Packaged Standard Controls	44,229.98	2,006.40
23 52 13 00-0064	EA	612 KW, 2088 MBH Electric Hot Boiler With Packaged Standard Controls	46,458.11	2,053.07
23 52 13 00-0065	EA	684 KW, 2334 MBH Electric Hot Boiler With Packaged Standard Controls	48,779.57	2,146.38
23 52 13 00-0066	EA	720 KW, 2457 MBH Electric Hot Boiler With Packaged Standard Controls	51,007.70	2,193.05
23 52 13 00-0067	EA	750 KW, 2559 MBH Electric Hot Boiler With Packaged Standard Controls	53,235.85	2,239.71
23 52 13 00-0068	EA	810 KW, 2764 MBH Electric Hot Boiler With Packaged Standard Controls	54,893.11	2,379.70
23 52 13 00-0069	EA	900 KW, 3071 MBH Electric Hot Boiler With Packaged Standard Controls	57,927.67	2,519.68
23 52 13 00-0070	EA	1020 KW, 3480 MBH Electric Hot Boiler With Packaged Standard Controls	68,399.65	2,659.66
23 52 13 00-0071	EA	1110 KW, 3787 MBH Electric Hot Boiler With Packaged Standard Controls	75,290.65	2,799.64
23 52 13 00-0072	EA	1200 KW, 4094 MBH Electric Hot Boiler With Packaged Standard Controls	78,782.82	2,892.96
23 52 13 00-0073	EA	1350 KW, 4606 MBH Electric Hot Boiler With Packaged Standard Controls	82,599.35	3,079.61
23 52 13 00-0074	EA	1440 KW, 4913 MBH Electric Hot Boiler With Packaged Standard Controls	86,415.89	3,266.24
23 52 13 00-0075	EA	1560 KW, 5323 MBH Electric Hot Boiler With Packaged Standard Controls	96,705.74	3,452.89
23 52 13 00-0076	EA	1680 KW, 5732 MBH Electric Hot Boiler With Packaged Standard Controls	103,139.14	3,639.53
23 52 13 00-0077	EA	1740 KW, 5937 MBH Electric Hot Boiler With Packaged Standard Controls	105,942.65	3,732.85
23 52 13 00-0078	EA	1800 KW, 6142 MBH Electric Hot Boiler With Packaged Standard Controls	108,746.17	3,826.17
23 52 13 00-0079	EA	1980 KW, 6756 MBH Electric Hot Boiler With Packaged Standard Controls	109,026.13	3,966.15
23 52 13 00-0080	EA	2100 KW, 7165 MBH Electric Hot Boiler With Packaged Standard Controls	124,363.07	4,059.48
23 52 13 00-0081	EA	2220 KW, 7575 MBH Electric Hot Boiler With Packaged Standard Controls	132,906.83	4,199.46
23 52 13 00-0082	EA	2600 KW, 8871 MBH Electric Hot Boiler With Packaged Standard Controls	149,443.44	4,479.43
23 52 13 00-0083	EA	2960 KW, 10100 MBH Electric Hot Boiler With Packaged Standard Controls	161,395.02	4,946.03
23 52 13 00-0084	EA	3240 KW, 11055 MBH Electric Hot Boiler With Packaged Standard Controls	179,042.51	5,505.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 13 00-0085	EA	3360 KW, 11464 MBH Electric Hot Boiler With Packaged Standard Controls	187,048.86	6,065.88

23 52 16 Condensing Boilers *(23 52)*

23 52 16 13 Stainless-Steel Condensing Boilers *(23 52 16)*

23 52 16 13-0001 Hamilton Evo Series Stainless Steel Condensing Boilers *(23 52 16 13)*

Note: Includes circulating pump, mounting rack, disconnect panel, plumbing and gas manifold, manual reset high limit and LWCO (Cal Code).

23 52 16 13-0002	EA	75 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW79)	9,858.45	439.23
23 52 16 13-0003	EA	127 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW129)	9,169.58	501.99
23 52 16 13-0004	EA	168 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW179)	9,799.23	564.73
23 52 16 13-0005	EA	187 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW199.1)	10,481.03	627.48
23 52 16 13-0006	EA	281 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW299)	13,641.37	690.23
23 52 16 13-0007	EA	374 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW399)	15,757.71	752.98
23 52 16 13-0008	EA	589 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW599)	21,000.69	815.72
23 52 16 13-0009	EA	785 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW798) Note: Includes vent manifold.	29,306.79	1,003.97
23 52 16 13-0010	EA	980 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW998) Note: Includes vent manifold.	35,749.47	1,098.09
23 52 16 13-0011	EA	1425 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1499)	51,406.01	1,286.34
23 52 16 13-0012	EA	1900 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1999)	56,623.79	1,380.46

23 52 16 13-0013 Buderus SB615 Stainless Steel Condensing Boilers *(23 52 16 13)*

Note: Includes Riello burners. Capacity given is IBR rating.

23 52 16 13-0014	EA	484 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/145)	27,283.73	815.72
23 52 16 13-0015	EA	612 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/185)	28,720.90	909.85
23 52 16 13-0016	EA	791 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/240)	31,905.20	1,003.97
23 52 16 13-0017	EA	1022 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/310)	34,494.33	1,098.09
23 52 16 13-0018	EA	1317 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/400)	38,363.41	1,192.21
23 52 16 13-0019	EA	1459 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/510)	43,896.43	1,286.34
23 52 16 13-0020	EA	2104 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/640)	52,373.33	1,380.46

23 52 16 13-0021 Buderus SB735 Stainless Steel Condensing Boilers *(23 52 16 13)*

Note: Includes Riello burners.

23 52 16 13-0022	EA	2650 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/790)	55,220.57	1,474.58
23 52 16 13-0023	EA	3251 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/970)	63,964.48	1,568.70
23 52 16 13-0024	EA	4079 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/1200)	74,044.87	1,662.83

23 52 16 13-0025 Lochinvar Knight Stainless Steel Condensing Boilers *(23 52 16 13)*

23 52 16 13-0026	EA	165MBH 95.7% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN211)	6,032.16	443.04
23 52 16 13-0027	EA	226MBH 96% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN286)	7,779.91	475.36

23 52 16 13-0028 Lochinvar Knight XL Stainless Steel Condensing Boilers *(23 52 16 13)*

23 52 16 13-0029	EA	324MBH 93.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN400)	10,207.73	506.74
23 52 16 13-0030	EA	406MBH 93.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN501)	12,835.82	633.19
23 52 16 13-0031	EA	493MBH 94.6% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN601)	14,879.55	627.48
23 52 16 13-0032	EA	574MBH 94.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN701)	17,392.77	759.63
23 52 16 13-0033	EA	654MBH 94% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN801)	19,734.78	759.63

23 52 16 13-0034 Lochinvar SYNC Stainless Steel Condensing Boilers *(23 52 16 13)*

23 52 16 13-0035	EA	941MBH 94.1% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1000)	27,046.54	949.78
23 52 16 13-0036	EA	1240MBH 95.4% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1300)	30,518.16	949.78
23 52 16 13-0037	EA	1443MBH 96.2% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1500)	33,123.77	1,139.92

23 52 16 13-0038 Lochinvar Crest Stainless Steel Condensing Boilers *(23 52 16 13)*

23 52 16 13-0039	EA	1380MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1500)	33,036.71	1,139.92
23 52 16 13-0040	EA	1840MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2000)	39,672.65	1,330.07
23 52 16 13-0041	EA	2300MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2500)	51,090.12	1,330.07
23 52 16 13-0042	EA	2760MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3000)	56,655.74	1,519.27
23 52 16 13-0043	EA	3220MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3500)	67,002.82	1,519.27

23 52 16 16 Aluminum Condensing Boilers *(23 52 16)*

23 52 16 16-0001 Weil McLain Aluminum Condensing Boilers *(23 52 16 16)*

23 52 16 16-0002	EA	80 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	4,796.68	380.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 16-0003	EA	105 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	5,224.60	407.86
23 52 16 16-0004	EA	155 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	5,763.47	439.23
23 52 16 16-0005	EA	230 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	6,413.29	475.36
23 52 16 16-0006	EA	310 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	8,172.62	501.99
23 52 16 16-0007		Patterson Kelly Mach Series Aluminum Condensing Boilers *(23 52 16 16)*		
23 52 16 16-0008	EA	300 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach)	12,423.20	627.48
23 52 16 16-0009	EA	450 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach)	14,263.58	752.98
23 52 16 16-0010	EA	750 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach)	21,879.02	941.22
23 52 16 16-0011	EA	900 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach)	23,578.91	1,066.72
23 52 16 16-0012	EA	1050 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach)	24,991.83	1,129.47
23 52 16 16-0013	EA	1500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach)	39,161.32	1,286.34
23 52 16 16-0014	EA	2000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach)	42,291.15	1,380.46
23 52 16 16-0015		Buderus GB142 Wall Hung Aluminum Condensing Boilers *(23 52 16 16)* Note: Includes standard controls.		
23 52 16 16-0016	EA	75 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/24) Note: Includes an aluminum heat exchanger and three speed circulating pump.	5,956.05	380.29
23 52 16 16-0017	EA	95 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/30) Note: Includes an aluminum heat exchanger and three speed circulating pump.	6,821.65	407.86
23 52 16 16-0018	EA	143 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/45) Note: Includes an aluminum heat exchanger and three speed circulating pump.	7,684.69	439.23
23 52 16 16-0019	EA	193 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/60) Note: Includes an aluminum heat exchanger and three speed circulating pump.	8,341.66	475.36
23 52 16 16-0020	EA	Optional Vertical Or Horizontal 3" Concentric Termination Kit For GB142 (Buderus 60L46)	296.38	95.07
23 52 16 16-0021	EA	Optional Stainless Steel Concentric Hood For GB142 (Buderus SJT3)	384.69	95.07
23 52 16 16-0022	EA	Optional GB Floor Stand For GB142 (Buderus 7098265)	809.64	95.07
23 52 16 16-0023		Buderus GB162 Wall Hung Aluminum Condensing Boilers *(23 52 16 16)* Note: Includes standard controls.		
23 52 16 16-0024	EA	290 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/80) Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.	8,018.20	596.11
23 52 16 16-0025	EA	333 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/100) Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.	9,993.36	665.51
23 52 16 16-0026	EA	580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/80-TL2) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	19,553.75	894.16
23 52 16 16-0027	EA	580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/80-TR2) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	18,308.44	894.16
23 52 16 16-0028	EA	666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/100-TL2) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	23,408.97	998.27
23 52 16 16-0029	EA	666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/100-TR2) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	22,163.67	998.27
23 52 16 16-0030	EA	870 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/80-TL3) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	27,775.55	1,354.78
23 52 16 16-0031	EA	999 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/100-TL3) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	33,558.42	1,354.78
23 52 16 16-0032	EA	1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/80-TL4) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	35,892.52	2,032.18
23 52 16 16-0033	EA	1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/80-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	36,391.27	2,032.18
23 52 16 16-0034	EA	1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/100-TL4) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	43,674.29	2,246.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 16-0035	EA	1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/100-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	44,173.04	2,246.10
23 52 16 16-0036	EA	EMS Control Module For Condensing Boiler (Buderus RC35)	550.77	95.07

23 52 16 16-0037 Buderus GB312 Aluminum Condensing Boilers *(23 52 16 16)*

Note: Includes standard controls.

23 52 16 16-0038	EA	305 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/90) Note: Includes an aluminum heat exchanger.	15,699.31	627.48
23 52 16 16-0039	EA	409 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/120) Note: Includes an aluminum heat exchanger.	17,379.69	721.61
23 52 16 16-0040	EA	544 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/160) Note: Includes an aluminum heat exchanger.	20,672.79	815.72
23 52 16 16-0041	EA	676 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/200) Note: Includes an aluminum heat exchanger.	23,825.09	909.85
23 52 16 16-0042	EA	810 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/240) Note: Includes an aluminum heat exchanger.	28,513.33	1,003.97
23 52 16 16-0043	EA	944 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/280) Note: Includes an aluminum heat exchanger.	31,486.45	1,098.09
23 52 16 16-0044	EA	Optional CSD-1 Kit Consisting Of High And Low Gas Pressure Switches For GB312 (Buderus 7747019985)	479.05	47.54
23 52 16 16-0045	EA	Optional L4006E1125 Manual Reset Aquastat For GB312 (Buderus L4006E1125)	235.86	47.54
23 52 16 16-0046	EA	Optional Hydrolevel 550 low Water Cut-Off For GB312 (Buderus 550)	334.42	47.54
23 52 16 16-0047	EA	Optional Condensate Neutralization Tank For GB312 (Buderus 63035899)	700.49	47.54

23 52 16 19 Copper Water-Tube Condensing Boilers *(23 52 16)*

23 52 16 19-0001 Laars Rheos+ Copper Fin Tube Condensing Boilers *(23 52 16 19)*

23 52 16 19-0002	EA	1200 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	31,268.14	1,192.21
23 52 16 19-0003	EA	1600 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	35,237.97	1,317.71
23 52 16 19-0004	EA	2000 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	38,519.62	1,380.46
23 52 16 19-0005	EA	2400 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	41,727.49	1,505.96

23 52 16 23 Cast Iron Condensing Boilers *(23 52 16)*

23 52 16 23-0001 Hydrotherm KN Cast Iron Condensing Boilers *(23 52 16 23)*

23 52 16 23-0002	EA	199 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-2)	7,430.32	564.73
23 52 16 23-0003	EA	399 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-4)	12,476.79	752.98
23 52 16 23-0004	EA	600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-6)	20,454.75	815.72
23 52 16 23-0005	EA	1000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-10)	27,217.07	1,129.47
23 52 16 23-0006	EA	1999 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-20)	40,964.09	1,380.46

23 52 23 Cast-Iron Boilers *(23 52)*

23 52 23 00-0001 Weil-McLain Model 80 Cast Iron Boiler *(23 52 23)*

Note: Capacities are the steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.

23 52 23 00-0002 Gas Fired Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*

Note: Field assembled boilers can only be used in situations where package units cannot be installed.

23 52 23 00-0003	EA	208 MBH Steam, 242 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	13,751.75	2,811.35
23 52 23 00-0004	EA	297 MBH Steam, 344 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	14,986.46	2,998.78
23 52 23 00-0005	EA	386 MBH Steam, 448 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	16,333.72	3,186.20
23 52 23 00-0006	EA	476 MBH Steam, 551 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	17,589.70	3,373.62
23 52 23 00-0007	EA	565 MBH Steam, 655 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	18,752.98	3,561.04
23 52 23 00-0008	EA	654 MBH Steam, 758 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	20,329.16	3,748.47
23 52 23 00-0009	EA	743 MBH Steam, 862 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	21,557.31	3,935.89
23 52 23 00-0010	EA	833 MBH Steam, 965 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	22,541.48	4,123.31
23 52 23 00-0011	EA	922 MBH Steam, 1069 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	23,522.16	4,310.73
23 52 23 00-0012	EA	1018 MBH Steam, 1172 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	24,647.75	4,498.16

23 52 23 00-0013 Gas Fired Package Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*

23 52 23 00-0014	EA	208 MBH Steam, 242 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	9,210.64	373.28
23 52 23 00-0015	EA	297 MBH Steam, 344 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	10,225.99	373.28
23 52 23 00-0016	EA	386 MBH Steam, 448 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	11,729.07	466.61
23 52 23 00-0017	EA	476 MBH Steam, 551 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	12,764.37	466.61
23 52 23 00-0018	EA	565 MBH Steam, 655 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	14,083.71	559.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0019	EA	654 MBH Steam, 758 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	15,452.91	559.93
23 52 23 00-0020	EA	743 MBH Steam, 862 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	16,835.25	653.25
23 52 23 00-0021	EA	833 MBH Steam, 965 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	17,973.98	746.57
23 52 23 00-0022	EA	922 MBH Steam, 1069 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	18,737.33	746.57
23 52 23 00-0023	EA	1018 MBH Steam, 1172 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	20,015.72	839.89
23 52 23 00-0024		Gas/Oil Fired Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0025	EA	208 MBH Steam, 242 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	14,345.00	2,811.35
23 52 23 00-0026	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	15,685.76	2,998.78
23 52 23 00-0027	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	16,968.97	3,186.20
23 52 23 00-0028	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	18,397.15	3,373.62
23 52 23 00-0029	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	19,582.48	3,561.04
23 52 23 00-0030	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	21,293.06	3,748.47
23 52 23 00-0031	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	22,384.71	3,935.89
23 52 23 00-0032	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	23,447.63	4,123.31
23 52 23 00-0033	EA	922 MBH Steam, 1069 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	24,429.36	4,310.73
23 52 23 00-0034	EA	1018 MBH Steam, 1172 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	25,583.30	4,498.16
23 52 23 00-0035		Gas/Oil Fired Package Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*		
23 52 23 00-0036	EA	208 MBH Steam, 242 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	9,803.89	373.28
23 52 23 00-0037	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	10,925.29	373.28
23 52 23 00-0038	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	12,364.32	466.61
23 52 23 00-0039	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	13,571.82	466.61
23 52 23 00-0040	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	14,913.21	559.93
23 52 23 00-0041	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	16,416.81	559.93
23 52 23 00-0042	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	17,662.65	653.25
23 52 23 00-0043	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	18,880.13	746.57
23 52 23 00-0044	EA	922 MBH Steam, 1069 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	19,644.53	746.57
23 52 23 00-0045	EA	1018 MBH Steam, 1172 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	20,951.27	839.89
23 52 23 00-0046		Weil-McLain Model 88 Cast Iron Boiler *(23 52 23)* Note: Capacities are the steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0047		Gas Fired Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0048	EA	608 MBH Steam, 704 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	22,071.31	4,217.03
23 52 23 00-0049	EA	813 MBH Steam, 943 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	24,297.19	4,474.74
23 52 23 00-0050	EA	1028 MBH Steam, 1161 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	27,037.65	4,732.44
23 52 23 00-0051	EA	1254 MBH Steam, 1419 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	29,459.54	4,990.15
23 52 23 00-0052	EA	1477 MBH Steam, 1656 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	31,573.47	5,247.85
23 52 23 00-0053	EA	1688 MBH Steam, 1892 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	34,609.14	5,505.56
23 52 23 00-0054	EA	1904 MBH Steam, 2132 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	36,742.28	5,763.26
23 52 23 00-0055	EA	2116 MBH Steam, 2369 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	38,636.64	6,020.97
23 52 23 00-0056	EA	2329 MBH Steam, 2609 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	41,144.88	6,278.68
23 52 23 00-0057	EA	2539 MBH Steam, 2843 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	43,174.44	6,536.39
23 52 23 00-0058	EA	2756 MBH Steam, 3087 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	46,639.52	6,794.10
23 52 23 00-0059	EA	2966 MBH Steam, 3322 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	48,573.64	7,051.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0060	EA	3175 MBH Steam, 3557 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	50,621.23	7,309.51
23 52 23 00-0061	EA	3383 MBH Steam, 3800 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	52,895.84	7,567.22
23 52 23 00-0062	EA	3602 MBH Steam, 4035 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	54,757.95	7,824.93
23 52 23 00-0063		Gas Fired Package Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)*		
23 52 23 00-0064	EA	608 MBH Steam, 704 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	16,849.95	653.25
23 52 23 00-0065	EA	813 MBH Steam, 943 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	19,113.23	746.57
23 52 23 00-0066	EA	1028 MBH Steam, 1161 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	21,903.62	839.89
23 52 23 00-0067	EA	1254 MBH Steam, 1419 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	24,352.75	933.21
23 52 23 00-0068	EA	1477 MBH Steam, 1656 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	26,129.35	933.21
23 52 23 00-0069	EA	1688 MBH Steam, 1892 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	29,205.32	1,026.54
23 52 23 00-0070	EA	1904 MBH Steam, 2132 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	31,003.97	1,026.54
23 52 23 00-0071	EA	2116 MBH Steam, 2369 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	32,935.48	1,119.86
23 52 23 00-0072	EA	2329 MBH Steam, 2609 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	35,110.03	1,119.86
23 52 23 00-0073	EA	2539 MBH Steam, 2843 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	37,176.98	1,213.17
23 52 23 00-0074	EA	2756 MBH Steam, 3087 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	39,179.85	1,306.50
23 52 23 00-0075	EA	2966 MBH Steam, 3322 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	40,780.05	1,306.50
23 52 23 00-0076	EA	3175 MBH Steam, 3557 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	42,865.87	1,399.82
23 52 23 00-0077	EA	3383 MBH Steam, 3800 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	44,805.22	1,399.82
23 52 23 00-0078	EA	3602 MBH Steam, 4035 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	46,727.22	1,493.14
23 52 23 00-0079		Gas/Oil Fired Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0080	EA	608 MBH Steam, 704 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	22,802.11	4,217.03
23 52 23 00-0081	EA	813 MBH Steam, 943 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	25,023.79	4,474.74
23 52 23 00-0082	EA	1028 MBH Steam, 1161 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	27,953.25	4,732.44
23 52 23 00-0083	EA	1254 MBH Steam, 1419 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	30,467.54	4,990.15
23 52 23 00-0084	EA	1477 MBH Steam, 1656 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	32,478.57	5,247.85
23 52 23 00-0085	EA	1688 MBH Steam, 1892 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	35,457.54	5,505.56
23 52 23 00-0086	EA	1904 MBH Steam, 2132 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	38,015.93	5,763.26
23 52 23 00-0087	EA	2116 MBH Steam, 2369 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	39,910.29	6,020.97
23 52 23 00-0088	EA	2329 MBH Steam, 2609 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	42,393.33	6,278.68
23 52 23 00-0089	EA	2539 MBH Steam, 2843 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	44,959.44	6,536.39
23 52 23 00-0090	EA	2756 MBH Steam, 3087 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	48,514.82	6,794.10
23 52 23 00-0091	EA	2966 MBH Steam, 3322 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	51,079.99	7,051.80
23 52 23 00-0092	EA	3175 MBH Steam, 3557 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	52,495.48	7,309.51
23 52 23 00-0093	EA	3383 MBH Steam, 3800 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	54,713.39	7,567.22
23 52 23 00-0094	EA	3602 MBH Steam, 4035 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	56,595.45	7,824.93
23 52 23 00-0095		Gas/Oil Fired Package Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)*		
23 52 23 00-0096	EA	608 MBH Steam, 704 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	17,580.75	653.25
23 52 23 00-0097	EA	813 MBH Steam, 943 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	19,839.83	746.57
23 52 23 00-0098	EA	1028 MBH Steam, 1161 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	22,808.72	839.89
23 52 23 00-0099	EA	1254 MBH Steam, 1419 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	25,360.75	933.21
23 52 23 00-0100	EA	1477 MBH Steam, 1656 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	27,036.55	933.21
23 52 23 00-0101	EA	1688 MBH Steam, 1892 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	30,053.72	1,026.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0102	EA	1904 MBH Steam, 2132 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	32,277.62	1,026.54
23 52 23 00-0103	EA	2116 MBH Steam, 2369 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	34,209.13	1,119.86
23 52 23 00-0104	EA	2329 MBH Steam, 2609 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	36,358.48	1,119.86
23 52 23 00-0105	EA	2539 MBH Steam, 2843 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	38,967.23	1,213.17
23 52 23 00-0106	EA	2756 MBH Steam, 3087 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	41,055.15	1,306.50
23 52 23 00-0107	EA	2966 MBH Steam, 3322 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	42,236.40	1,306.50
23 52 23 00-0108	EA	3175 MBH Steam, 3557 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	44,740.12	1,399.82
23 52 23 00-0109	EA	3383 MBH Steam, 3800 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	46,622.77	1,399.82
23 52 23 00-0110	EA	3602 MBH Steam, 4035 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	48,543.72	1,493.14
23 52 23 00-0111		Weil-McLain Model 94 Cast Iron Boiler *(23 52 23)* Note: Capacities are the steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0112		Gas Fired Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0113	EA	1575 MBH Steam, 1763 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	58,922.89	8,199.77
23 52 23 00-0114	EA	1801 MBH Steam, 2017 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	63,809.17	8,668.33
23 52 23 00-0115	EA	2028 MBH Steam, 2271 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	68,280.42	9,136.89
23 52 23 00-0116	EA	2255 MBH Steam, 2525 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	72,660.11	9,605.45
23 52 23 00-0117	EA	2477 MBH Steam, 2774 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	77,080.03	10,074.01
23 52 23 00-0118	EA	2702 MBH Steam, 3026 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	82,859.41	10,542.57
23 52 23 00-0119	EA	2927 MBH Steam, 3278 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	87,029.57	11,011.12
23 52 23 00-0120	EA	3160 MBH Steam, 3539 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	91,067.88	11,479.68
23 52 23 00-0121	EA	3385 MBH Steam, 3791 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	97,578.53	11,948.24
23 52 23 00-0122	EA	3610 MBH Steam, 4043 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	101,614.56	12,416.80
23 52 23 00-0123	EA	3835 MBH Steam, 4296 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	105,090.58	12,885.35
23 52 23 00-0124	EA	4061 MBH Steam, 4548 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	111,377.74	13,353.91
23 52 23 00-0125	EA	4286 MBH Steam, 4800 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	115,446.37	13,822.47
23 52 23 00-0126	EA	4511 MBH Steam, 5052 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	121,876.29	14,291.03
23 52 23 00-0127	EA	4736 MBH Steam, 5304 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	126,154.05	14,759.59
23 52 23 00-0128	EA	4961 MBH Steam, 5557 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	130,825.81	15,228.15
23 52 23 00-0129	EA	5186 MBH Steam, 5809 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	134,852.15	15,696.71
23 52 23 00-0130	EA	5411 MBH Steam, 6061 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	138,991.36	16,165.27
23 52 23 00-0131		Gas Fired Package Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)*		
23 52 23 00-0132	EA	1575 MBH Steam, 1763 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	51,383.48	1,213.17
23 52 23 00-0133	EA	1801 MBH Steam, 2017 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	56,037.60	1,306.50
23 52 23 00-0134	EA	2028 MBH Steam, 2271 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	60,273.82	1,399.82
23 52 23 00-0135	EA	2255 MBH Steam, 2525 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	64,421.82	1,493.14
23 52 23 00-0136	EA	2477 MBH Steam, 2774 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	68,233.32	1,493.14
23 52 23 00-0137	EA	2702 MBH Steam, 3026 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	72,282.74	1,586.47
23 52 23 00-0138	EA	2927 MBH Steam, 3278 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	75,845.39	1,586.47
23 52 23 00-0139	EA	3160 MBH Steam, 3539 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	79,650.03	1,679.78
23 52 23 00-0140	EA	3385 MBH Steam, 3791 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	85,554.18	1,679.78
23 52 23 00-0141	EA	3610 MBH Steam, 4043 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	89,357.76	1,773.10
23 52 23 00-0142	EA	3835 MBH Steam, 4296 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	92,226.36	1,773.10
23 52 23 00-0143	EA	4061 MBH Steam, 4548 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	98,282.30	1,866.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0144	EA	4286 MBH Steam, 4800 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	101,743.10	1,866.42
23 52 23 00-0145	EA	4511 MBH Steam, 5052 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	107,958.65	1,959.75
23 52 23 00-0146	EA	4736 MBH Steam, 5304 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	111,609.50	1,959.75
23 52 23 00-0147	EA	4961 MBH Steam, 5557 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	116,046.28	2,053.07
23 52 23 00-0148	EA	5186 MBH Steam, 5809 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	119,466.13	2,053.07
23 52 23 00-0149	EA	5411 MBH Steam, 6061 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	123,371.57	2,146.38
23 52 23 00-0150		Oil Fired Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0151	EA	1575 MBH Steam, 1763 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	55,789.69	8,199.77
23 52 23 00-0152	EA	1801 MBH Steam, 2017 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	60,675.97	8,668.33
23 52 23 00-0153	EA	2028 MBH Steam, 2271 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	66,598.32	9,136.89
23 52 23 00-0154	EA	2255 MBH Steam, 2525 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	70,598.96	9,605.45
23 52 23 00-0155	EA	2477 MBH Steam, 2774 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	74,760.58	10,074.01
23 52 23 00-0156	EA	2702 MBH Steam, 3026 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	80,251.21	10,542.57
23 52 23 00-0157	EA	2927 MBH Steam, 3278 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	84,616.67	11,011.12
23 52 23 00-0158	EA	3160 MBH Steam, 3539 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	88,657.08	11,479.68
23 52 23 00-0159	EA	3385 MBH Steam, 3791 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	95,917.43	11,948.24
23 52 23 00-0160	EA	3610 MBH Steam, 4043 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	99,954.51	12,416.80
23 52 23 00-0161	EA	3835 MBH Steam, 4296 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	103,990.18	12,885.35
23 52 23 00-0162	EA	4061 MBH Steam, 4548 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	111,385.09	13,353.91
23 52 23 00-0163	EA	4286 MBH Steam, 4800 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	115,453.72	13,822.47
23 52 23 00-0164	EA	4511 MBH Steam, 5052 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	122,052.69	14,291.03
23 52 23 00-0165	EA	4736 MBH Steam, 5304 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	126,329.40	14,759.59
23 52 23 00-0166	EA	4961 MBH Steam, 5557 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	130,910.86	15,228.15
23 52 23 00-0167	EA	5186 MBH Steam, 5809 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	134,937.20	15,696.71
23 52 23 00-0168	EA	5411 MBH Steam, 6061 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	139,082.71	16,165.27
23 52 23 00-0169		Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)*		
23 52 23 00-0170	EA	1575 MBH Steam, 1763 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	48,080.18	1,213.17
23 52 23 00-0171	EA	1801 MBH Steam, 2017 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	52,734.30	1,306.50
23 52 23 00-0172	EA	2028 MBH Steam, 2271 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	58,421.62	1,399.82
23 52 23 00-0173	EA	2255 MBH Steam, 2525 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	62,190.57	1,493.14
23 52 23 00-0174	EA	2477 MBH Steam, 2774 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	65,743.77	1,493.14
23 52 23 00-0175	EA	2702 MBH Steam, 3026 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	69,504.44	1,586.47
23 52 23 00-0176	EA	2927 MBH Steam, 3278 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	73,262.39	1,586.47
23 52 23 00-0177	EA	3160 MBH Steam, 3539 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	77,067.03	1,679.78
23 52 23 00-0178	EA	3385 MBH Steam, 3791 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	83,722.98	1,679.78
23 52 23 00-0179	EA	3610 MBH Steam, 4043 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	87,525.51	1,773.10
23 52 23 00-0180	EA	3835 MBH Steam, 4296 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	90,955.86	1,773.10
23 52 23 00-0181	EA	4061 MBH Steam, 4548 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	98,119.55	1,866.42
23 52 23 00-0182	EA	4286 MBH Steam, 4800 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	101,580.35	1,866.42
23 52 23 00-0183	EA	4511 MBH Steam, 5052 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	107,943.95	1,959.75
23 52 23 00-0184	EA	4736 MBH Steam, 5304 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	111,614.75	1,959.75
23 52 23 00-0185	EA	4961 MBH Steam, 5557 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	115,961.23	2,053.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0186	EA	5186 MBH Steam, 5809 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	119,381.08	2,053.07
23 52 23 00-0187	EA	5411 MBH Steam, 6061 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	123,292.82	2,146.38
23 52 23 00-0188		Gas/Oil Fired Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0189	EA	1575 MBH Steam, 1763 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	59,907.79	8,199.77
23 52 23 00-0190	EA	1801 MBH Steam, 2017 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	64,795.12	8,668.33
23 52 23 00-0191	EA	2028 MBH Steam, 2271 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	69,535.17	9,136.89
23 52 23 00-0192	EA	2255 MBH Steam, 2525 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	74,020.91	9,605.45
23 52 23 00-0193	EA	2477 MBH Steam, 2774 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	78,416.68	10,074.01
23 52 23 00-0194	EA	2702 MBH Steam, 3026 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	83,352.91	10,542.57
23 52 23 00-0195	EA	2927 MBH Steam, 3278 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	88,668.62	11,011.12
23 52 23 00-0196	EA	3160 MBH Steam, 3539 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	92,965.23	11,479.68
23 52 23 00-0197	EA	3385 MBH Steam, 3791 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	99,640.73	11,948.24
23 52 23 00-0198	EA	3610 MBH Steam, 4043 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	103,676.76	12,416.80
23 52 23 00-0199	EA	3835 MBH Steam, 4296 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	107,226.28	12,885.35
23 52 23 00-0200	EA	4061 MBH Steam, 4548 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	113,584.84	13,353.91
23 52 23 00-0201	EA	4286 MBH Steam, 4800 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	118,703.47	13,822.47
23 52 23 00-0202	EA	4511 MBH Steam, 5052 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	125,696.19	14,291.03
23 52 23 00-0203	EA	4736 MBH Steam, 5304 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	129,942.45	14,759.59
23 52 23 00-0204	EA	4961 MBH Steam, 5557 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	134,809.51	15,228.15
23 52 23 00-0205	EA	5186 MBH Steam, 5809 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	138,836.90	15,696.71
23 52 23 00-0206	EA	5411 MBH Steam, 6061 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	142,979.26	16,165.27
23 52 23 00-0207		Gas/Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)*		
23 52 23 00-0208	EA	1575 MBH Steam, 1763 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	52,445.03	1,213.17
23 52 23 00-0209	EA	1801 MBH Steam, 2017 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	57,100.20	1,306.50
23 52 23 00-0210	EA	2028 MBH Steam, 2271 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	61,608.37	1,399.82
23 52 23 00-0211	EA	2255 MBH Steam, 2525 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	65,860.32	1,493.14
23 52 23 00-0212	EA	2477 MBH Steam, 2774 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	69,647.67	1,493.14
23 52 23 00-0213	EA	2702 MBH Steam, 3026 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	72,852.89	1,586.47
23 52 23 00-0214	EA	2927 MBH Steam, 3278 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	77,561.09	1,586.47
23 52 23 00-0215	EA	3160 MBH Steam, 3539 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	81,622.98	1,679.78
23 52 23 00-0216	EA	3385 MBH Steam, 3791 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	87,694.08	1,679.78
23 52 23 00-0217	EA	3610 MBH Steam, 4043 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	91,495.56	1,773.10
23 52 23 00-0218	EA	3835 MBH Steam, 4296 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	94,438.71	1,773.10
23 52 23 00-0219	EA	4061 MBH Steam, 4548 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	100,566.05	1,866.42
23 52 23 00-0220	EA	4286 MBH Steam, 4800 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	105,077.90	1,866.42
23 52 23 00-0221	EA	4511 MBH Steam, 5052 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	111,835.25	1,959.75
23 52 23 00-0222	EA	4736 MBH Steam, 5304 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	115,475.60	1,959.75
23 52 23 00-0223	EA	4961 MBH Steam, 5557 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	120,106.63	2,053.07
23 52 23 00-0224	EA	5186 MBH Steam, 5809 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	123,527.53	2,053.07
23 52 23 00-0225	EA	5411 MBH Steam, 6061 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	127,437.17	2,146.38

23 52 33 Water-Tube Boilers *(23 52)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 00-0001		**Package Oil Fired Water Tube Boiler** *(23 52 33)* Note: Steel shell with insulating jacket, standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), burner, copper finned tubes, safety devices, all controls, set-up and wiring. Excludes flue piping, fuel piping, or circulator. Rated by MBH output.		
23 52 33 00-0002	EA	200 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	20,904.46	746.57
		For Steam System, Add	*3,882.26*	
23 52 33 00-0003	EA	285 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	21,444.04	839.89
		For Steam System, Add	*3,952.85*	
23 52 33 00-0004	EA	350 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	21,983.61	933.21
		For Steam System, Add	*4,023.44*	
23 52 33 00-0005	EA	430 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	23,087.88	1,026.54
		For Steam System, Add	*4,206.96*	
23 52 33 00-0006	EA	520 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	24,192.15	1,119.86
		For Steam System, Add	*4,390.49*	
23 52 33 00-0007	EA	600 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	26,214.04	1,213.17
		For Steam System, Add	*4,757.54*	
23 52 33 00-0008	EA	680 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	27,542.64	1,259.84
		For Steam System, Add	*5,004.59*	
23 52 33 00-0009	EA	770 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	28,871.22	1,306.50
		For Steam System, Add	*5,251.64*	
23 52 33 00-0010	EA	860 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	31,316.64	1,399.82
		For Steam System, Add	*5,703.40*	
23 52 33 00-0011	EA	1020 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	33,762.05	1,493.14
		For Steam System, Add	*6,155.15*	
23 52 33 00-0012	EA	1220 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	36,676.46	1,679.78
		For Steam System, Add	*6,663.38*	
23 52 33 00-0013	EA	1440 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	39,308.51	1,866.42
		For Steam System, Add	*7,115.13*	
23 52 33 00-0014	EA	1700 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	43,448.00	1,959.75
		For Steam System, Add	*7,905.70*	
23 52 33 00-0015	EA	2050 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	45,893.40	2,053.07
		For Steam System, Add	*8,357.46*	
23 52 33 00-0016	EA	2200 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	49,468.22	2,146.38
		For Steam System, Add	*9,035.09*	
23 52 33 00-0017	EA	2450 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	55,301.80	2,239.71
		For Steam System, Add	*10,164.47*	
23 52 33 00-0018	EA	2750 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	59,345.58	2,426.35
		For Steam System, Add	*10,898.57*	
23 52 33 00-0019	EA	3100 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	63,389.38	2,613.00
		For Steam System, Add	*11,632.68*	
23 52 33 00-0020	EA	3450 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	67,715.50	2,799.64
		For Steam System, Add	*12,423.25*	
23 52 33 00-0021	EA	4300 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	81,133.20	2,986.28
		For Steam System, Add	*15,032.13*	
23 52 33 00-0022	EA	5160 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	92,687.41	3,172.92
		For Steam System, Add	*17,268.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 00-0023		**Package Gas Fired Water Tube Boiler** *(23 52 33)* Note: Steel shell with insulating jacket, standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), burner, copper finned tubes, safety devices, all controls, set-up and wiring. Excludes flue piping, fuel piping, or circulator. Rated by MBH output.		
23 52 33 00-0024	EA	200 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	20,431.02	746.57
		For Steam System, Add	*3,787.58*	
		For LP Gas Burner, Add	*946.89*	
23 52 33 00-0025	EA	285 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	20,961.98	839.89
		For Steam System, Add	*3,856.44*	
		For LP Gas Burner, Add	*964.11*	
23 52 33 00-0026	EA	350 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	21,492.94	933.21
		For Steam System, Add	*3,925.30*	
		For LP Gas Burner, Add	*981.33*	
23 52 33 00-0027	EA	430 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	22,574.84	1,026.54
		For Steam System, Add	*4,104.35*	
		For LP Gas Burner, Add	*1,026.09*	
23 52 33 00-0028	EA	520 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	23,656.73	1,119.86
		For Steam System, Add	*4,283.40*	
		For LP Gas Burner, Add	*1,070.85*	
23 52 33 00-0029	EA	600 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	25,633.85	1,213.17
		For Steam System, Add	*4,641.50*	
		For LP Gas Burner, Add	*1,160.38*	
23 52 33 00-0030	EA	680 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	26,932.32	1,259.84
		For Steam System, Add	*4,882.53*	
		For LP Gas Burner, Add	*1,220.63*	
23 52 33 00-0031	EA	770 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	28,230.78	1,306.50
		For Steam System, Add	*5,123.56*	
		For LP Gas Burner, Add	*1,280.89*	
23 52 33 00-0032	EA	860 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	30,621.10	1,399.82
		For Steam System, Add	*5,564.29*	
		For LP Gas Burner, Add	*1,391.07*	
23 52 33 00-0033	EA	1020 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	33,011.42	1,493.14
		For Steam System, Add	*6,005.03*	
		For LP Gas Burner, Add	*1,501.26*	
23 52 33 00-0034	EA	1220 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	35,863.85	1,679.78
		For Steam System, Add	*6,500.86*	
		For LP Gas Burner, Add	*1,625.21*	
23 52 33 00-0035	EA	1440 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	38,440.81	1,866.42
		For Steam System, Add	*6,941.59*	
		For LP Gas Burner, Add	*1,735.40*	
23 52 33 00-0036	EA	1700 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	42,483.89	1,959.75
		For Steam System, Add	*7,712.88*	
		For LP Gas Burner, Add	*1,928.22*	
23 52 33 00-0037	EA	2050 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	44,874.20	2,053.07
		For Steam System, Add	*8,153.62*	
		For LP Gas Burner, Add	*2,038.40*	
23 52 33 00-0038	EA	2220 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	48,366.38	2,146.38
		For Steam System, Add	*8,814.72*	
		For LP Gas Burner, Add	*2,203.68*	
23 52 33 00-0039	EA	2450 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	54,062.23	2,239.71
		For Steam System, Add	*9,916.56*	
		For LP Gas Burner, Add	*2,479.14*	
23 52 33 00-0040	EA	2750 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	58,016.49	2,426.35
		For Steam System, Add	*10,632.76*	
		For LP Gas Burner, Add	*2,658.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 00-0041	EA	3100 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	61,970.76	2,613.00
		For Steam System, Add	*11,348.95*	
		For LP Gas Burner, Add	*2,837.24*	
23 52 33 00-0042	EA	3450 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	66,200.47	2,799.64
		For Steam System, Add	*12,120.24*	
		For LP Gas Burner, Add	*3,030.06*	
23 52 33 00-0043	EA	4300 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	79,300.01	2,986.28
		For Steam System, Add	*14,665.49*	
		For LP Gas Burner, Add	*3,666.37*	
23 52 33 00-0044	EA	5160 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	90,581.52	3,172.92
		For Steam System, Add	*16,847.13*	
		For LP Gas Burner, Add	*4,211.78*	

23 52 36 Fire-Box Boiler *(23 52)*

23 52 36 00-0001 Package Oil Fired Firebox Boilers *(23 52 36)*

Note: Prices are good for 15 PSI steam or 30 PSI water. Packaged type, complete with burner and all basic safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Normally required (Boiler HP). boiler sizes are based on HP rating and gross output.

23 52 36 00-0002	EA	40 HP, 1339 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	38,945.70	2,239.71
23 52 36 00-0003	EA	46 HP, 1553 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	40,794.21	2,426.35
23 52 36 00-0004	EA	53 HP, 1784 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	42,776.80	2,613.00
23 52 36 00-0005	EA	61 HP, 2062 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	46,234.60	2,799.64
23 52 36 00-0006	EA	69 HP, 2313 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	48,351.28	2,986.28
23 52 36 00-0007	EA	80 HP, 2678 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	50,434.55	3,172.92
23 52 36 00-0008	EA	100 HP, 3348 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	55,944.21	3,359.57
23 52 36 00-0009	EA	127 HP, 4251 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	64,596.56	3,732.85
23 52 36 00-0010	EA	151 HP, 5055 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	73,389.79	4,106.13
23 52 36 00-0011	EA	183 HP, 6126 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	80,532.75	4,526.08
23 52 36 00-0012	EA	220 HP, 7388 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	87,675.82	4,946.03
23 52 36 00-0013	EA	257 HP, 8606 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	92,708.49	5,785.92
23 52 36 00-0014	EA	294 HP, 9842 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	112,593.66	6,625.81
23 52 36 00-0015	EA	368 HP, 12302 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	132,948.21	7,465.70
23 52 36 00-0016	EA	441 HP, 14766 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	153,590.03	8,398.91
23 52 36 00-0017	EA	514 HP, 17220 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	173,564.03	9,098.82

23 52 39 Fire-Tube Boilers *(23 52)*

23 52 39 13 Scotch Marine Boilers *(23 52 39)*

23 52 39 13-0001 15 PSI Steam Scotch Marine Boilers *(23 52 39 13)*

Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH output.

23 52 39 13-0002 15 PSI Gas Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*

23 52 39 13-0003	EA	30 HP, 1033 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	31,284.37	1,026.54
23 52 39 13-0004	EA	40 HP, 1339 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	33,700.95	1,119.86
23 52 39 13-0005	EA	50 HP, 1674 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	36,600.04	1,213.17
23 52 39 13-0006	EA	60 HP, 2009 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	38,483.04	1,399.82
23 52 39 13-0007	EA	70 HP, 2343 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	40,372.84	1,493.14
23 52 39 13-0008	EA	80 HP, 2678 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	42,303.85	1,586.47
23 52 39 13-0009	EA	90 HP, 3013 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	43,605.74	1,633.12
23 52 39 13-0010	EA	100 HP, 3348 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	45,951.67	1,679.78
23 52 39 13-0011	EA	125 HP, 4184 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	51,892.40	1,866.42
23 52 39 13-0012	EA	150 HP, 5021 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	58,848.67	2,053.07
23 52 39 13-0013	EA	175 HP, 5858 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	64,565.39	2,263.05
23 52 39 13-0014	EA	200 HP, 6695 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	70,280.19	2,473.01
23 52 39 13-0015	EA	250 HP, 8369 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	74,655.44	2,892.96
23 52 39 13-0016	EA	300 HP, 10043 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	90,417.08	3,312.91
23 52 39 13-0017	EA	350 HP, 11716 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	98,159.95	3,732.85
23 52 39 13-0018	EA	400 HP, 13390 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	115,118.54	4,152.80
23 52 39 13-0019	EA	500 HP, 16738 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	138,946.78	4,572.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0020	EA	600 HP, 20085 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	161,926.03	4,992.69
23 52 39 13-0021	EA	700 HP, 23433 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	183,918.45	5,412.64
23 52 39 13-0022	EA	800 HP, 26780 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	205,074.85	5,832.58
23 52 39 13-0023	EA	900 HP, 30128 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	225,370.52	6,252.53
23 52 39 13-0024	EA	1000 HP, 33476 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	244,931.70	6,672.48
23 52 39 13-0025		15 PSI Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*		
23 52 39 13-0026	EA	30 HP, 1033 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	29,132.91	1,026.54
23 52 39 13-0027	EA	40 HP, 1339 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	31,387.55	1,119.86
23 52 39 13-0028	EA	50 HP, 1674 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	34,085.48	1,213.17
23 52 39 13-0029	EA	60 HP, 2009 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	37,280.08	1,399.82
23 52 39 13-0030	EA	70 HP, 2343 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	38,953.95	1,493.14
23 52 39 13-0031	EA	80 HP, 2678 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	40,623.45	1,586.47
23 52 39 13-0032	EA	90 HP, 3013 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	42,111.75	1,633.12
23 52 39 13-0033	EA	100 HP, 3348 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	44,995.47	1,679.78
23 52 39 13-0034	EA	125 HP, 4184 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	51,937.99	1,866.42
23 52 39 13-0035	EA	150 HP, 5021 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	58,898.29	2,053.07
23 52 39 13-0036	EA	175 HP, 5858 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	64,620.38	2,263.05
23 52 39 13-0037	EA	200 HP, 6695 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	70,340.54	2,473.01
23 52 39 13-0038	EA	250 HP, 8369 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	74,718.47	2,892.96
23 52 39 13-0039	EA	300 HP, 10043 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	90,494.86	3,312.91
23 52 39 13-0040	EA	350 HP, 11716 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	98,243.09	3,732.85
23 52 39 13-0041	EA	400 HP, 13390 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	115,217.78	4,152.80
23 52 39 13-0042	EA	500 HP, 16738 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	139,067.48	4,572.74
23 52 39 13-0043	EA	600 HP, 20085 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	162,068.19	4,992.69
23 52 39 13-0044	EA	700 HP, 23433 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	184,080.72	5,412.64
23 52 39 13-0045	EA	800 HP, 26780 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	205,257.24	5,832.58
23 52 39 13-0046	EA	900 HP, 30128 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	225,570.34	6,252.53
23 52 39 13-0047	EA	1000 HP, 33476 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	245,150.30	6,672.48
23 52 39 13-0048		15 PSI Gas/Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*		
23 52 39 13-0049	EA	30 HP, 1033 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	32,226.02	1,026.54
23 52 39 13-0050	EA	40 HP, 1339 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	34,713.48	1,119.86
23 52 39 13-0051	EA	50 HP, 1674 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	37,698.40	1,213.17
23 52 39 13-0052	EA	60 HP, 2009 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	39,848.28	1,399.82
23 52 39 13-0053	EA	70 HP, 2343 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	41,628.10	1,493.14
23 52 39 13-0054	EA	80 HP, 2678 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	43,403.55	1,586.47
23 52 39 13-0055	EA	90 HP, 3013 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	44,996.46	1,633.12
23 52 39 13-0056	EA	100 HP, 3348 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	46,590.03	1,679.78
23 52 39 13-0057	EA	125 HP, 4184 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	53,791.39	1,866.42
23 52 39 13-0058	EA	150 HP, 5021 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	61,010.52	2,053.07
23 52 39 13-0059	EA	175 HP, 5858 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	66,936.46	2,263.05
23 52 39 13-0060	EA	200 HP, 6695 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	72,859.13	2,473.01
23 52 39 13-0061	EA	250 HP, 8369 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	77,349.71	2,892.96
23 52 39 13-0062	EA	300 HP, 10043 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	93,713.50	3,312.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0063	EA	350 HP, 11716 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	101,713.86	3,732.85
23 52 39 13-0064	EA	400 HP, 13390 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	119,326.91	4,152.80
23 52 39 13-0065	EA	500 HP, 16738 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	144,100.63	4,572.74
23 52 39 13-0066	EA	600 HP, 20085 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	167,987.80	4,992.69
23 52 39 13-0067	EA	700 HP, 23433 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	190,849.25	5,412.64
23 52 39 13-0068	EA	800 HP, 26780 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	212,837.14	5,832.58
23 52 39 13-0069	EA	900 HP, 30128 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	233,928.08	6,252.53
23 52 39 13-0070	EA	1000 HP, 33476 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	254,251.00	6,672.48
23 52 39 13-0071		150 PSI Steam Scotch Marine Boilers *(23 52 39 13)* Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH output.		
23 52 39 13-0072		150 PSI Gas Fired Steam Scotch Marine Boilers *(23 52 39 13-0071)*		
23 52 39 13-0073	EA	40 HP, 1339 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	42,467.72	1,119.86
23 52 39 13-0074	EA	50 HP, 1674 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	46,123.19	1,213.17
23 52 39 13-0075	EA	60 HP, 2009 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	48,348.17	1,399.82
23 52 39 13-0076	EA	70 HP, 2343 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	50,692.60	1,493.14
23 52 39 13-0077	EA	80 HP, 2678 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	53,091.65	1,586.47
23 52 39 13-0078	EA	90 HP, 3013 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	54,728.82	1,633.12
23 52 39 13-0079	EA	100 HP, 3348 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	57,722.50	1,679.78
23 52 39 13-0080	EA	125 HP, 4184 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	65,222.93	1,866.42
23 52 39 13-0081	EA	150 HP, 5021 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	74,037.97	2,053.07
23 52 39 13-0082	EA	175 HP, 5858 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	81,219.17	2,263.05
23 52 39 13-0083	EA	200 HP, 6695 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	88,398.45	2,473.01
23 52 39 13-0084	EA	250 HP, 8369 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	93,581.04	2,892.96
23 52 39 13-0085	EA	300 HP, 10043 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	113,568.49	3,312.91
23 52 39 13-0086	EA	350 HP, 11716 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	123,111.24	3,732.85
23 52 39 13-0087	EA	400 HP, 13390 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	144,675.04	4,152.80
23 52 39 13-0088	EA	500 HP, 16738 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	175,152.46	4,572.74
23 52 39 13-0089	EA	600 HP, 20085 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	204,504.62	4,992.69
23 52 39 13-0090	EA	700 HP, 23433 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	232,600.38	5,412.64
23 52 39 13-0091	EA	800 HP, 26780 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	259,598.61	5,832.58
23 52 39 13-0092	EA	900 HP, 30128 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	285,482.65	6,252.53
23 52 39 13-0093	EA	1000 HP, 33476 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	310,386.77	6,672.48
23 52 39 13-0094		150 PSI Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0071)*		
23 52 39 13-0095	EA	40 HP, 1339 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	39,459.63	1,119.86
23 52 39 13-0096	EA	50 HP, 1674 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	42,854.93	1,213.17
23 52 39 13-0097	EA	60 HP, 2009 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	46,783.11	1,399.82
23 52 39 13-0098	EA	70 HP, 2343 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	48,848.59	1,493.14
23 52 39 13-0099	EA	80 HP, 2678 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	50,908.34	1,586.47
23 52 39 13-0100	EA	90 HP, 3013 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	52,785.57	1,633.12
23 52 39 13-0101	EA	100 HP, 3348 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	56,477.96	1,679.78
23 52 39 13-0102	EA	125 HP, 4184 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	65,280.60	1,866.42
23 52 39 13-0103	EA	150 HP, 5021 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	74,103.68	2,053.07
23 52 39 13-0104	EA	175 HP, 5858 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	81,291.59	2,263.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0105	EA	200 HP, 6695 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	88,477.58	2,473.01
23 52 39 13-0106	EA	250 HP, 8369 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	93,662.85	2,892.96
23 52 39 13-0107	EA	300 HP, 10043 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	113,669.07	3,312.91
23 52 39 13-0108	EA	350 HP, 11716 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	123,219.87	3,732.85
23 52 39 13-0109	EA	400 HP, 13390 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	144,803.79	4,152.80
23 52 39 13-0110	EA	500 HP, 16738 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	175,309.37	4,572.74
23 52 39 13-0111	EA	600 HP, 20085 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	204,689.69	4,992.69
23 52 39 13-0112	EA	700 HP, 23433 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	232,810.93	5,412.64
23 52 39 13-0113	EA	800 HP, 26780 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	259,834.65	5,832.58
23 52 39 13-0114	EA	900 HP, 30128 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	285,742.82	6,252.53
23 52 39 13-0115	EA	1000 HP, 33476 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	310,671.08	6,672.48
23 52 39 13-0116		150 PSI Gas/Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0071)*		
23 52 39 13-0117	EA	40 HP, 1339 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	43,783.34	1,119.86
23 52 39 13-0118	EA	50 HP, 1674 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	47,551.46	1,213.17
23 52 39 13-0119	EA	60 HP, 2009 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	50,122.45	1,399.82
23 52 39 13-0120	EA	70 HP, 2343 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	52,324.72	1,493.14
23 52 39 13-0121	EA	80 HP, 2678 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	54,521.27	1,586.47
23 52 39 13-0122	EA	90 HP, 3013 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	56,536.63	1,633.12
23 52 39 13-0123	EA	100 HP, 3348 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	58,551.30	1,679.78
23 52 39 13-0124	EA	125 HP, 4184 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	67,690.55	1,866.42
23 52 39 13-0125	EA	150 HP, 5021 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	76,848.91	2,053.07
23 52 39 13-0126	EA	175 HP, 5858 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	84,301.02	2,263.05
23 52 39 13-0127	EA	200 HP, 6695 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	91,752.54	2,473.01
23 52 39 13-0128	EA	250 HP, 8369 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	97,083.99	2,892.96
23 52 39 13-0129	EA	300 HP, 10043 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	117,853.30	3,312.91
23 52 39 13-0130	EA	350 HP, 11716 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	127,731.33	3,732.85
23 52 39 13-0131	EA	400 HP, 13390 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	150,145.39	4,152.80
23 52 39 13-0132	EA	500 HP, 16738 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	181,853.93	4,572.74
23 52 39 13-0133	EA	600 HP, 20085 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	212,384.92	4,992.69
23 52 39 13-0134	EA	700 HP, 23433 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	241,609.89	5,412.64
23 52 39 13-0135	EA	800 HP, 26780 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	269,689.05	5,832.58
23 52 39 13-0136	EA	900 HP, 30128 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	296,607.07	6,252.53
23 52 39 13-0137	EA	1000 HP, 33476 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	322,500.92	6,672.48
23 52 39 13-0138		125 PSI Water Scotch Marine Boilers *(23 52 39 13)* Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH output.		
23 52 39 13-0139		125 PSI Gas Fired Water Scotch Marine Boilers *(23 52 39 13-0138)*		
23 52 39 13-0140	EA	40 HP, 1339 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	36,859.24	1,119.86
23 52 39 13-0141	EA	50 HP, 1674 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	41,285.84	1,213.17
23 52 39 13-0142	EA	60 HP, 2009 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	44,530.06	1,399.82
23 52 39 13-0143	EA	70 HP, 2343 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	47,846.79	1,493.14
23 52 39 13-0144	EA	80 HP, 2678 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	51,227.52	1,586.47
23 52 39 13-0145	EA	90 HP, 3013 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	53,867.84	1,633.12
23 52 39 13-0146	EA	100 HP, 3348 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	57,855.27	1,679.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0147	EA	125 HP, 4184 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	62,185.34	1,866.42
23 52 39 13-0148	EA	150 HP, 5021 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	67,832.70	2,053.07
23 52 39 13-0149	EA	175 HP, 5858 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	72,298.18	2,263.05
23 52 39 13-0150	EA	200 HP, 6695 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	75,089.38	2,473.01
23 52 39 13-0151	EA	250 HP, 8369 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	90,719.13	2,892.96
23 52 39 13-0152	EA	300 HP, 10043 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	105,523.23	3,312.91
23 52 39 13-0153	EA	350 HP, 11716 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	114,043.93	3,732.85
23 52 39 13-0154	EA	400 HP, 13390 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	127,208.55	4,152.80
23 52 39 13-0155	EA	500 HP, 16738 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	153,291.19	4,572.74
23 52 39 13-0156	EA	600 HP, 20085 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	178,795.73	4,992.69
23 52 39 13-0157	EA	700 HP, 23433 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	203,206.15	5,412.64
23 52 39 13-0158	EA	800 HP, 26780 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	226,677.29	5,832.58
23 52 39 13-0159	EA	900 HP, 30128 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	249,187.12	6,252.53
23 52 39 13-0160	EA	1000 HP, 33476 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	270,867.23	6,672.48
23 52 39 13-0161		125 PSI Oil Fired Water Scotch Marine Boilers *(23 52 39 13-0138)*		
23 52 39 13-0162	EA	40 HP, 1339 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	34,295.06	1,119.86
23 52 39 13-0163	EA	50 HP, 1674 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	38,399.79	1,213.17
23 52 39 13-0164	EA	60 HP, 2009 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	43,104.47	1,399.82
23 52 39 13-0165	EA	70 HP, 2343 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	46,120.79	1,493.14
23 52 39 13-0166	EA	80 HP, 2678 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	49,131.39	1,586.47
23 52 39 13-0167	EA	90 HP, 3013 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	51,959.45	1,633.12
23 52 39 13-0168	EA	100 HP, 3348 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	56,608.05	1,679.78
23 52 39 13-0169	EA	125 HP, 4184 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	62,240.32	1,866.42
23 52 39 13-0170	EA	150 HP, 5021 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	67,891.71	2,053.07
23 52 39 13-0171	EA	175 HP, 5858 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	72,361.21	2,263.05
23 52 39 13-0172	EA	200 HP, 6695 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	75,155.09	2,473.01
23 52 39 13-0173	EA	250 HP, 8369 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	90,798.26	2,892.96
23 52 39 13-0174	EA	300 HP, 10043 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	105,615.76	3,312.91
23 52 39 13-0175	EA	350 HP, 11716 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	114,143.17	3,732.85
23 52 39 13-0176	EA	400 HP, 13390 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	127,319.87	4,152.80
23 52 39 13-0177	EA	500 HP, 16738 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	153,426.64	4,572.74
23 52 39 13-0178	EA	600 HP, 20085 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	178,955.32	4,992.69
23 52 39 13-0179	EA	700 HP, 23433 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	203,388.54	5,412.64
23 52 39 13-0180	EA	800 HP, 26780 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	226,881.14	5,832.58
23 52 39 13-0181	EA	900 HP, 30128 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	249,411.08	6,252.53
23 52 39 13-0182	EA	1000 HP, 33476 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	271,111.31	6,672.48
23 52 39 13-0183		125 PSI Gas/Oil Fired Water Scotch Marine Boilers *(23 52 39 13-0138)*		
23 52 39 13-0184	EA	40 HP, 1339 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	37,980.40	1,119.86
23 52 39 13-0185	EA	50 HP, 1674 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	42,546.48	1,213.17
23 52 39 13-0186	EA	60 HP, 2009 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	46,146.09	1,399.82
23 52 39 13-0187	EA	70 HP, 2343 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	49,375.64	1,493.14
23 52 39 13-0188	EA	80 HP, 2678 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	52,600.81	1,586.47
23 52 39 13-0189	EA	90 HP, 3013 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	55,643.45	1,633.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0190	EA	100 HP, 3348 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	58,686.75	1,679.78
23 52 39 13-0191	EA	125 HP, 4184 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	64,522.87	1,866.42
23 52 39 13-0192	EA	150 HP, 5021 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	70,378.10	2,053.07
23 52 39 13-0193	EA	175 HP, 5858 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	74,999.15	2,263.05
23 52 39 13-0194	EA	200 HP, 6695 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	77,874.84	2,473.01
23 52 39 13-0195	EA	250 HP, 8369 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	94,100.04	2,892.96
23 52 39 13-0196	EA	300 HP, 10043 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	109,464.72	3,312.91
23 52 39 13-0197	EA	350 HP, 11716 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	118,276.45	3,732.85
23 52 39 13-0198	EA	400 HP, 13390 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	131,933.25	4,152.80
23 52 39 13-0199	EA	500 HP, 16738 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	159,059.26	4,572.74
23 52 39 13-0200	EA	600 HP, 20085 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	185,579.01	4,992.69
23 52 39 13-0201	EA	700 HP, 23433 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	210,961.73	5,412.64
23 52 39 13-0202	EA	800 HP, 26780 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	235,362.25	5,832.58
23 52 39 13-0203	EA	900 HP, 30128 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	258,762.57	6,252.53
23 52 39 13-0204	EA	1000 HP, 33476 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	281,292.94	6,672.48

23 53 Heating Boiler Feedwater Equipment *(23 50)*

23 53 13 Boiler Feedwater Pumps *(23 53)*

See CSI section 23 53 16 00-0001 for boiler feedwater units.

23 53 16 Deaerators *(23 53)*

23 53 16 00-0001 Boiler Feed System *(23 53 16)*

23 53 16 00-0002 Low Pressure Boiler Feed System *(23 53 16 00-0001)*

Note: With deaerator includes pumps and accessories.

23 53 16 00-0003	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	5,372.78	1,188.76
23 53 16 00-0004	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	5,850.13	1,400.48
23 53 16 00-0005	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	6,260.70	1,449.55
23 53 16 00-0006	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	6,463.96	1,502.74
23 53 16 00-0007	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	6,846.57	1,606.02
23 53 16 00-0008	EA	104 HP, 1020 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	10,600.25	1,740.28
23 53 16 00-0009	EA	158 HP, 1550 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	11,916.49	1,859.05
23 53 16 00-0010	EA	219 HP, 2150 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	13,654.13	2,117.25
23 53 16 00-0011	EA	254 HP, 2500 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	15,001.84	2,272.18
23 53 16 00-0012	EA	305 HP, 3000 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	16,153.56	2,427.10

23 53 16 00-0013 High Pressure Boiler Feed System *(23 53 16 00-0001)*

Note: With deaerator includes pumps and accessories.

23 53 16 00-0014	EA	10 HP, 100 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	7,186.64	1,013.50
23 53 16 00-0015	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	7,542.38	1,188.76
23 53 16 00-0016	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	8,429.39	1,400.48
23 53 16 00-0017	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	9,082.19	1,449.55
23 53 16 00-0018	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	9,251.46	1,502.74
23 53 16 00-0019	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	11,083.16	1,606.02
23 53 16 00-0020	EA	104 HP, 1020 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	14,272.00	1,740.28
23 53 16 00-0021	EA	158 HP, 1550 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	14,674.60	1,859.05
23 53 16 00-0022	EA	183 HP, 1800 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	16,115.22	1,990.84
23 53 16 00-0023	EA	219 HP, 2150 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	17,330.08	2,117.25
23 53 16 00-0024	EA	254 HP, 2500 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	18,539.30	2,272.18
23 53 16 00-0025	EA	305 HP, 3000 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	19,997.58	2,427.10

23 53 16 00-0026 Boiler Feedwater System *(23 53 16)*

Note: With deaerator includes pumps and accessories.

23 53 16 00-0027	EA	1380 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	9,035.95	1,400.48
23 53 16 00-0028	EA	2600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	11,689.39	1,604.47
23 53 16 00-0029	EA	4300 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	15,313.36	1,836.33
23 53 16 00-0030	EA	6900 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	18,385.36	2,118.29
23 53 16 00-0031	EA	8500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	19,521.90	2,272.18
23 53 16 00-0032	EA	11000 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	20,610.23	2,427.10
23 53 16 00-0033	EA	13800 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	22,976.20	2,788.69
23 53 16 00-0034	EA	17250 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	29,551.85	3,201.91
23 53 16 00-0035	EA	20700 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	38,180.99	3,699.73
23 53 16 00-0036	EA	27600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	48,184.43	4,246.91
23 53 16 00-0037	EA	34500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	61,502.31	4,886.22

23 53 16 00-0038 Duplex Vacuum Condensate Pumps *(23 53 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 53 16 00-0039	EA	7 CFM, 15 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 3/4 HP vacuum pumps rated for 7 CFM, two 3/4 HP condensate pumps rated for 15 GPM at 20 PSI and 45 GAL cast iron receiver. Skidmore JVC-7-45-102.	16,644.40	826.25
23 53 16 00-0040	EA	9 CFM, 30 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 1 HP vacuum pumps rated for 9 CFM, two 3/4 HP condensate pumps rated for 30 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-9-45-201.5.	17,048.61	877.89
23 53 16 00-0041	EA	12 CFM, 45 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 1-1/2 HP vacuum pumps rated for 12 CFM, two 1 HP condensate pumps rated for 45 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-12-45-301.5.	17,507.54	929.53
23 53 16 00-0042	EA	18 CFM, 37.5 GPM, 65 Gallon Duplex Vacuum Condensate Pump Note: Two 2 HP vacuum pumps rated for 18 CFM, two 1 HP condensate pumps rated for 37.5 GPM at 20 PSI and 65 GAL cast iron receiver. Skidmore JVC-18-65-252.	19,197.55	981.17
23 53 16 00-0043	EA	28 CFM, 60 GPM, 110 Gallon Duplex Vacuum Condensate Pump Note: Two 3 HP vacuum pumps rated for 28 CFM, two 1-1/2 HP condensate pumps rated for 60 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-28-110-402.	22,802.59	1,032.81
23 53 16 00-0044	EA	42 CFM, 75 GPM, 110 Gallon Duplex Vacuum Condensate Pump Note: Two 5 HP vacuum pumps rated for 42 CFM, two 2 HP condensate pumps rated for 75 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-42-110-502.	24,000.17	1,084.45

23 54 Furnaces *(23 50)*

Note: All units based on output. See CSI section 23 84 13 00-0000 for humidifiers.

23 54 13 Electric-Resistance Furnaces *(23 54)*

23 54 13 00-0001 Down Flow Multi-Speed Air Handler/Electric Furnace *(23 54 13)*

23 54 13 00-0002	EA	Up To 2 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,043.31	76.44
23 54 13 00-0003	EA	>2 To 3.5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,282.79	95.55
23 54 13 00-0004	EA	>3.5 To 5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,440.21	114.65

23 54 13 00-0005 Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace *(23 54 13)*

23 54 13 00-0006	EA	Up To 2 Ton Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	929.50	76.44
23 54 13 00-0007	EA	>2 To 2.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,039.93	86.00
23 54 13 00-0008	EA	>2.5 To 3 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,304.67	95.55
23 54 13 00-0009	EA	>3 to 3.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,342.89	105.11
23 54 13 00-0010	EA	>3.5 To 5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,405.19	114.65

23 54 13 00-0011 Heating Coil For Air Handler/Electric Furnace *(23 54 13)*

23 54 13 00-0012	EA	5 KW Heating Coil For Air Handler/Electric Furnace	138.38	20.64
23 54 13 00-0013	EA	7 KW Heating Coil For Air Handler/Electric Furnace	157.58	22.71
23 54 13 00-0014	EA	10 KW Heating Coil For Air Handler/Electric Furnace	187.73	24.78
23 54 13 00-0015	EA	15 KW Heating Coil For Air Handler/Electric Furnace	240.85	26.83
23 54 13 00-0016	EA	20 KW Heating Coil For Air Handler/Electric Furnace	273.18	28.90

23 54 16 Fuel-Fired Furnaces *(23 54)*

23 54 16 13 Gas-Fired Furnaces *(23 54 16)*

23 54 16 13-0001 Natural Gas Fired Forced Air Furnaces *(23 54 16 13)*

Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.

23 54 16 13-0002 Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace *(23 54 16 13-0001)*

23 54 16 13-0003	EA	46 MBH Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,248.02	66.89
23 54 16 13-0004	EA	69 MBH Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,320.17	76.44
23 54 16 13-0005	EA	69 MBH Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,402.15	86.00
23 54 16 13-0006	EA	75 MBH Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,449.77	86.00
23 54 16 13-0007	EA	92 MBH Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,535.57	95.55
23 54 16 13-0008	EA	92 MBH Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,627.41	105.11
23 54 16 13-0009	EA	115 MBH Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,731.29	114.65

23 54 16 13-0010 Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace *(23 54 16 13-0001)*

23 54 16 13-0011	EA	46 MBH Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,620.08	66.89
23 54 16 13-0012	EA	69 MBH Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,809.23	86.00
23 54 16 13-0013	EA	75 MBH Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,875.16	86.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0014	EA	92 MBH Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,112.19	105.11
23 54 16 13-0015	EA	115 MBH Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,207.31	114.65
23 54 16 13-0016		Down Flow Multi-Speed, Two Stage 93% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0017	EA	46 MBH Down Flow Multi-Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,261.15	66.89
23 54 16 13-0018	EA	69 MBH Down Flow Multi-Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,327.83	76.44
23 54 16 13-0019	EA	69 MBH Down Flow Multi-Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,432.79	86.00
23 54 16 13-0020	EA	75 MBH Down Flow Multi-Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,481.78	86.00
23 54 16 13-0021	EA	92 MBH Down Flow Multi-Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,530.10	95.55
23 54 16 13-0022	EA	92 MBH Down Flow Multi-Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,621.94	105.11
23 54 16 13-0023	EA	115 MBH Down Flow Multi-Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,717.06	114.65
23 54 16 13-0024		Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0025	EA	69 MBH Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,752.32	86.00
23 54 16 13-0026	EA	75 MBH Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,815.70	86.00
23 54 16 13-0027	EA	92 MBH Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,145.02	105.11
23 54 16 13-0028	EA	115 MBH Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,254.37	114.65
23 54 16 13-0029		Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0030	EA	45 MBH Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,026.97	66.89
23 54 16 13-0031	EA	70 MBH Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,101.31	76.44
23 54 16 13-0032	EA	70 MBH Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,163.59	86.00
23 54 16 13-0033	EA	75 MBH Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,184.08	86.00
23 54 16 13-0034	EA	90 MBH Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,246.68	95.55
23 54 16 13-0035	EA	90 MBH Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,315.54	105.11
23 54 16 13-0036	EA	115 MBH Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,384.40	114.65
23 54 16 13-0037	EA	140 MBH Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,525.49	124.21
23 54 16 13-0038		Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0039	EA	45 MBH Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	988.67	66.89
23 54 16 13-0040	EA	70 MBH Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,058.63	76.44
23 54 16 13-0041	EA	75 MBH Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,092.51	76.44
23 54 16 13-0042	EA	90 MBH Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,224.79	95.55
23 54 16 13-0043	EA	115 MBH Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,384.40	114.65
23 54 16 13-0044		75% AFUE Gas Wall/Recessed Furnace *(23 54 16 13-0001)*		
23 54 16 13-0045	EA	35 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	1,349.87	57.33
23 54 16 13-0046	EA	55 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	1,534.14	71.70
23 54 16 13-0047	EA	35 MBH 75% AFUE Gas Wall/Recessed Furnace	1,170.41	57.33
23 54 16 13-0048	EA	40 MBH 75% AFUE Gas Wall/Recessed Furnace	1,291.29	62.14
23 54 16 13-0049	EA	50 MBH 75% AFUE Gas Wall/Recessed Furnace	1,327.91	66.89
23 54 16 13-0050	EA	65 MBH 75% AFUE Gas Wall/Recessed Furnace	1,359.05	71.70
23 54 16 13-0051	EA	75 MBH 75% AFUE Gas Wall/Recessed Furnace	1,407.31	71.70
23 54 16 13-0052		Oil Fired Forced Air Furnaces *(23 54 16 13)* Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
23 54 16 13-0053		Up Flow Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 13-0052)*		
23 54 16 13-0054	EA	70 MBH Up Flow Single Speed, One Stage 81% AFUE Oil Furnace Note: Blower cooling capacity up to 3 tons.	1,786.34	76.44
23 54 16 13-0055	EA	119 MBH Up Flow Single Speed, One Stage 81% AFUE Oil Furnace Note: Blower cooling capacity up to 4 tons.	1,908.65	105.11
23 54 16 13-0056	EA	154 MBH Up Flow Single Speed, One Stage 81% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	2,165.66	124.21

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0057		Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 13-0052)*		
23 54 16 13-0058	EA	119 MBH Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace Note: Blower cooling capacity up to 3 tons.	2,019.17	105.11
23 54 16 13-0059	EA	154 MBH Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	2,191.92	124.21
23 54 16 13-0060		Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 13-0052)*		
23 54 16 13-0061	EA	119 MBH Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace Note: Blower cooling capacity up to 4 tons.	2,090.30	105.11
23 54 16 13-0062	EA	154 MBH Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	2,295.88	124.21
23 54 16 13-0063		Indoor Duct Furnaces *(23 54 16 13)* Note: Factory assembled. Includes burner, controls, stainless steel heat exchanger, gas fired and electric ignition.		
23 54 16 13-0064	EA	100 MBH Duct Furnace	2,011.77	149.06
23 54 16 13-0065	EA	150 MBH Duct Furnace	2,456.20	183.46
23 54 16 13-0066	EA	200 MBH Duct Furnace	3,235.08	263.71
23 54 16 13-0067	EA	250 MBH Duct Furnace	3,507.48	298.11
23 54 16 13-0068	EA	300 MBH Duct Furnace	3,799.00	343.97
23 54 16 13-0069	EA	350 MBH Duct Furnace	4,214.62	412.76
23 54 16 13-0070	EA	400 MBH Duct Furnace	4,950.24	550.36
23 54 19		**Furnace Accessories** *(23 54)*		
23 54 19 00-0001	EA	LP Gas Furnace Conversion Kit	116.92	19.11
23 54 19 00-0002	EA	1" Furnace External Filter Rack	49.74	
23 54 19 00-0003	EA	Remove And Reinstall Forced Air Furnace Note: Includes storage and cleaning. Excludes ductwork.	353.89	
23 55		Fuel-Fired Heaters *(23 50)*		
23 55 23		**Gas-Fired Radiant Heaters** *(23 55)*		
23 55 23 00-0001		Infrared Heaters-Radiant Energy *(23 55 23)* Note: For spot localized or total heating, ceiling hung units, no fan required.		
23 55 23 00-0002		Gas Fired Electric Ignition Infrared Gas Heater *(23 55 23 00-0001)* Note: Ceramic combustion, surface chromized wire screen aluminized steel housing and polished aluminum reflector.		
23 55 23 00-0003	EA	15000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	685.40	103.28
23 55 23 00-0004	EA	37500 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	769.59	113.61
23 55 23 00-0005	EA	50000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	815.62	113.61
23 55 23 00-0006	EA	75000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,017.09	136.33
23 55 23 00-0007	EA	100000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,024.85	136.33
23 55 23 00-0008		Rolled Steel Or Aluminum Housing Infrared Electric Heater *(23 55 23 00-0001)* Note: Anodized aluminum reflector and quartz/tungsten tubular element with an inner heavy-duty coiled element.		
23 55 23 00-0009	EA	1000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	694.04	84.08
		For Stainless Steel Housing, Add	*109.81*	
23 55 23 00-0010	EA	3200 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	741.34	84.08
		For Stainless Steel Housing, Add	*121.64*	
23 55 23 00-0011	EA	5000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	795.40	84.08
		For Stainless Steel Housing, Add	*135.15*	
23 55 23 00-0012	EA	7300 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	860.40	84.08
		For Stainless Steel Housing, Add	*151.40*	
23 55 23 00-0013	EA	10950 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	938.55	91.73
		For Stainless Steel Housing, Add	*168.71*	
23 55 23 00-0014	EA	13500 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,002.17	99.37
		For Stainless Steel Housing, Add	*181.68*	
23 55 23 00-0015	EA	24000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,603.78	107.02
		For Stainless Steel Housing, Add	*324.43*	
23 55 23 00-0016		Gas Fired Tubular Infrared Heater *(23 55 23 00-0001)* Note: Includes controls and supports.		
23 55 23 00-0017		"U" Package *(23 55 23 00-0016)*		
23 55 23 00-0018	LF	Up To 75 MBH Input Radiant Heater	54.69	5.17
23 55 23 00-0019	LF	76 To 105 MBH Input Radiant Heater	63.38	6.19
23 55 23 00-0020	LF	106 To 130 MBH Input Radiant Heater	76.65	7.23
23 55 23 00-0021		"S" Straight Package *(23 55 23 00-0016)*		
23 55 23 00-0022	LF	Up To 75 MBH Input Radiant Heater	44.78	4.13
23 55 23 00-0023	LF	76 To 105 MBH Input Radiant Heater	56.37	5.17
23 55 23 00-0024	LF	106 To 130 MBH Input Radiant Heater	67.95	6.19
23 55 33		**Fuel-Fired Unit Heaters** *(23 55)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 55 33 00-0001		Gas Fired Unit Heaters *(23 55 33)*		
23 55 33 00-0002		Horizontal Fan Propelled Gas Fired Unit Heaters, 115V *(23 55 33 00-0001)*		
23 55 33 00-0003	EA	24.3 MBH Output, 30 MBH Input, 500 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	1,210.19	178.26
23 55 33 00-0004	EA	36.5 MBH Output, 45 MBH Input, 750 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	1,340.14	213.92
23 55 33 00-0005	EA	48.6 MBH Output, 60 MBH Input, 1000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	1,358.02	213.92
23 55 33 00-0006	EA	60.8 MBH Output, 75 MBH Input, 1250 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	1,496.62	249.56
23 55 33 00-0007	EA	72.9 MBH Output, 90 MBH Input, 1400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	1,655.19	285.22
23 55 33 00-0008	EA	81 MBH Output, 100 MBH Input, 1600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	1,773.82	303.04
23 55 33 00-0009	EA	101.3 MBH Output, 125 MBH Input, 2200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	1,818.91	303.04
23 55 33 00-0010	EA	121.5 MBH Output, 150 MBH Input, 2400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	1,780.27	303.04
23 55 33 00-0011	EA	141.8 MBH Output, 175 MBH Input, 2850 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	2,084.27	320.87
23 55 33 00-0012	EA	162 MBH Output, 200 MBH Input, 3200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	2,260.30	320.87
23 55 33 00-0013	EA	202.5 MBH Output, 250 MBH Input, 3450 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	2,406.27	320.87
23 55 33 00-0014	EA	243 MBH Output, 300 MBH Input, 5000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	2,854.09	356.53
23 55 33 00-0015	EA	283.5 MBH Output, 350 MBH Input, 5600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	3,184.68	356.53
23 55 33 00-0016	EA	324 MBH Output, 400 MBH Input, 5800 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	3,424.79	392.18
23 55 33 00-0017		Oil Fired Unit Heater *(23 55 33)*		
23 55 33 00-0018		Horizontal Fan Propelled Oil Fired Unit Heater, 115V *(23 55 33 00-0017)*		
23 55 33 00-0019	EA	97 MBH Output, 2000 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115V	4,644.48	475.36
23 55 33 00-0020	EA	142 MBH Output, 3200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115V	4,992.74	522.90
23 55 33 00-0021	EA	188 MBH Output, 3200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115V	5,370.05	570.43
23 55 33 00-0022		Removal And Reinstallation Of Unit Heaters *(23 55 33)*		
		Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 55 33 00-0023	EA	Remove And Reinstall Up To 101.3 MBH Output Gas or Oil Unit Heater	593.87	
23 55 33 00-0024	EA	Remove And Reinstall >101.3 MBH Output Gas or Oil Unit Heater	800.43	

23 57 Heat Exchangers for HVAC *(23 50)*

23 57 13 Steam-To-Steam Heat Exchangers *(23 57)*

23 57 13 00-0001		Steam Generator Heat Exchanger *(23 57 13)*		
		Note: 35 PSI generated steam using 180 degree feed water; 400 degree F water to valve.		
23 57 13 00-0002	EA	75 LB/Hour Steam Generator Heat Exchanger, 35 PSI	12,300.55	1,652.49
23 57 13 00-0003	EA	300 LB/Hour Steam Generator Heat Exchanger, 35 PSI	16,212.89	1,755.77
23 57 13 00-0004	EA	525 LB/Hour Steam Generator Heat Exchanger, 35 PSI	21,580.73	2,099.36

23 57 16 Steam-To-Water Heat Exchangers *(23 57)*

23 57 16 00-0001		Heat Exchanger, Hot Water 40 To 180 Degree By Steam 10 PSI *(23 57 16)*		
		Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes. Excludes controls expansion tank and accessories.		
23 57 16 00-0002	EA	8 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	1,415.79	258.20
		For Bronze Head And Tube Sheet, Add	*482.18*	
		For Copper Nickel Tubes, Add	*107.15*	
		For Double Wall Tube Bundles, Add	*160.73*	
23 57 16 00-0003	EA	10 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	2,035.71	258.20
		For Bronze Head And Tube Sheet, Add	*730.17*	
		For Copper Nickel Tubes, Add	*162.26*	
		For Double Wall Tube Bundles, Add	*243.39*	
23 57 16 00-0004	EA	40 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	3,026.82	361.48
		For Bronze Head And Tube Sheet, Add	*1,129.69*	
		For Copper Nickel Tubes, Add	*251.04*	
		For Double Wall Tube Bundles, Add	*376.56*	
23 57 16 00-0005	EA	64 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	4,859.67	361.48
		For Bronze Head And Tube Sheet, Add	*1,722.09*	
		For Copper Nickel Tubes, Add	*382.69*	
		For Double Wall Tube Bundles, Add	*574.03*	
23 57 16 00-0006	EA	96 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	6,373.08	425.51
		For Bronze Head And Tube Sheet, Add	*2,286.93*	
		For Copper Nickel Tubes, Add	*508.21*	
		For Double Wall Tube Bundles, Add	*762.31*	
23 57 16 00-0007	EA	120 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	8,326.49	520.44
		For Bronze Head And Tube Sheet, Add	*3,003.32*	
		For Copper Nickel Tubes, Add	*667.40*	
		For Double Wall Tube Bundles, Add	*1,001.11*	
23 57 16 00-0008	EA	168 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	10,322.35	781.16
		For Bronze Head And Tube Sheet, Add	*3,678.38*	
		For Copper Nickel Tubes, Add	*817.42*	
		For Double Wall Tube Bundles, Add	*1,226.13*	
23 57 16 00-0009	EA	240 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	15,421.01	781.16
		For Bronze Head And Tube Sheet, Add	*5,731.11*	
		For Copper Nickel Tubes, Add	*1,273.58*	
		For Double Wall Tube Bundles, Add	*1,910.37*	

23 57 19 Liquid-To-Liquid Heat Exchangers *(23 57)*

23 57 19 13 Plate-Type, Liquid-To-Liquid Heat Exchangers *(23 57 19)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 57 19 13-0001		**Plate And Frame Heat Exchanger** *(23 57 19 13)*		
23 57 19 13-0002	EA	8" W x 18-7/8"H Plate And Frame Heat Exchanger	2,222.01	258.20
23 57 19 13-0003	EA	8" W x 24-9/16"H Plate And Frame Heat Exchanger	2,887.61	258.20
23 57 19 13-0004	EA	11-3/16" W x 34-11/16"H Plate And Frame Heat Exchanger	3,822.85	309.84
23 57 19 13-0005	EA	16-3/4" W x 46-1/4"H Plate And Frame Heat Exchanger	5,122.57	335.67
23 57 19 13-0006	EA	16-1/2" W x 49-5/8"H Plate And Frame Heat Exchanger	5,580.18	335.67
23 57 19 13-0007	EA	24" W x 57-11/16"H Plate And Frame Heat Exchanger	7,212.69	361.48
23 57 19 13-0008	EA	26-5/16" W x 56-5/8"H Plate And Frame Heat Exchanger	7,587.10	361.48
23 57 19 13-0009	EA	24-1/4" W x 68-3/8"H Plate And Frame Heat Exchanger	9,354.29	413.12
23 57 19 13-0010	EA	24" W x 69-11/16"H Plate And Frame Heat Exchanger	11,412.71	464.76
23 57 19 13-0011	EA	26-5/16" W x 68-3/4"H Plate And Frame Heat Exchanger	11,828.72	464.76
23 57 19 13-0012	EA	24" W x 89-13/16"H Plate And Frame Heat Exchanger	14,594.16	527.28
23 57 19 13-0013	EA	26-5/16" W x 88-9/16"H Plate And Frame Heat Exchanger	17,571.84	579.91
23 57 19 13-0014	EA	40-13/16" W x 89-1/4"H Plate And Frame Heat Exchanger	20,258.19	632.55
23 57 19 19		**Water-To-Water Heat Exchanger** *(23 57 19)*		
23 57 19 19-0001		Heat Exchanger Hot Water 40-140 Degree By Water At 200 Degree F *(23 57 19 19)*		
		Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes.		
23 57 19 19-0002	EA	7 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	1,660.71	258.20
		For Copper Nickel Tubes, Add	*131.64*	
		For Double Wall Tube Bundles, Add	*197.47*	
23 57 19 19-0003	EA	16 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	2,280.63	258.20
		For Copper Nickel Tubes, Add	*186.75*	
		For Double Wall Tube Bundles, Add	*280.13*	
23 57 19 19-0004	EA	34 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	3,363.58	361.48
		For Copper Nickel Tubes, Add	*284.72*	
		For Double Wall Tube Bundles, Add	*427.08*	
23 57 19 19-0005	EA	55 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	4,790.93	361.48
		For Copper Nickel Tubes, Add	*410.24*	
		For Double Wall Tube Bundles, Add	*615.36*	
23 57 19 19-0006	EA	74 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	5,949.55	413.12
		For Copper Nickel Tubes, Add	*505.15*	
		For Double Wall Tube Bundles, Add	*757.72*	
23 57 19 19-0007	EA	86 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	7,883.66	413.12
		For Copper Nickel Tubes, Add	*679.65*	
		For Double Wall Tube Bundles, Add	*1,019.48*	
23 57 19 19-0008	EA	112 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	9,713.34	390.58
		For Copper Nickel Tubes, Add	*844.97*	
		For Double Wall Tube Bundles, Add	*1,267.46*	
23 57 19 19-0009	EA	126 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	12,065.93	390.58
		For Copper Nickel Tubes, Add	*1,053.15*	
		For Double Wall Tube Bundles, Add	*1,579.73*	
23 57 19 19-0010	EA	152 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	15,423.44	390.58
		For Copper Nickel Tubes, Add	*1,347.05*	
		For Double Wall Tube Bundles, Add	*2,020.58*	
23 57 19 23		**Refrigerant-To-Water Heat Exchanger** *(23 57 19)*		
23 57 19 23-0001		Heat Exchanger Refrigerant To Water *(23 57 19 23)*		
23 57 19 23-0002	EA	10 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	1,886.73	206.56
		For Copper Nickel Tubes, Add	*147.36*	
		For Double Wall Tube Bundles, Add	*221.04*	
23 57 19 23-0003	EA	53 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	4,856.16	344.24
		For Copper Nickel Tubes, Add	*416.76*	
		For Double Wall Tube Bundles, Add	*625.14*	
23 57 19 23-0004	EA	70 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	6,530.59	449.06
		For Copper Nickel Tubes, Add	*563.41*	
		For Double Wall Tube Bundles, Add	*845.11*	
23 57 19 23-0005	EA	87 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	7,056.59	543.57
		For Copper Nickel Tubes, Add	*597.17*	
		For Double Wall Tube Bundles, Add	*895.76*	
23 57 19 23-0006	EA	105 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	8,465.71	620.33
		For Copper Nickel Tubes, Add	*720.50*	
		For Double Wall Tube Bundles, Add	*1,080.76*	

23 60 Central Cooling Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0009 for electrical connection and termination, 26 05 83 00-0129 for terminations, 26 28 16 00-0001 for disconnect.

23 61 Refrigerant Compressors *(23 60)*

23 61 13 Centrifugal Refrigerant Compressors *(23 61)*

23 61 13 00-0001		Turbocor Magnetic-Bearing Centrifugal Compressor *(23 61 13)*		
		Note: Includes compressor commissioning. May be used in parallel for larger capacities. Excludes piping, refrigerant and electric expansion valve.		
23 61 13 00-0002	EA	60 Ton R-134a Water-Cooled Centrifugal Compressor	21,952.72	1,434.92
		Note: Magnetic bearings.		
		For >1 Compressor Installation, Deduct	*-1,403.26*	
23 61 13 00-0003	EA	70 Ton R-134a Water-Cooled Centrifugal Compressor	23,257.07	1,504.48
		Note: Magnetic bearings.		
		For >1 Compressor Installation, Deduct	*-1,429.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 61 13 00-0004	EA	80 Ton R-134a Water-Cooled Centrifugal Compressor Note: Magnetic bearings.	24,778.83	1,582.75
		For >1 Compressor Installation, Deduct	*-1,459.39*	
23 61 13 00-0005	EA	90 Ton R-134a Water-Cooled Centrifugal Compressor Note: Magnetic bearings.	26,591.89	1,661.02
		For >1 Compressor Installation, Deduct	*-1,487.46*	
23 61 13 00-0006	EA	60 Ton R-134a Air-Cooled Centrifugal Compressor Note: Magnetic bearings.	22,552.72	1,434.92
		For >1 Compressor Installation, Deduct	*-1,403.26*	
23 61 13 00-0007	EA	70 Ton R-134a Air-Cooled Centrifugal Compressor Note: Magnetic bearings.	23,857.07	1,504.48
		For >1 Compressor Installation, Deduct	*-1,429.16*	
23 61 13 00-0008	EA	80 Ton R-134a Air-Cooled Centrifugal Compressor Note: Magnetic bearings.	25,578.83	1,582.75
		For >1 Compressor Installation, Deduct	*-1,459.39*	
23 61 13 00-0009	EA	90 Ton R-134a Air-Cooled Centrifugal Compressor Note: Magnetic bearings.	27,191.89	1,661.02
		For >1 Compressor Installation, Deduct	*-1,487.46*	

23 61 13 00-0010 Controller for Magnetic-Bearing Centrifugal Compressor *(23 61 13)*

23 61 13 00-0011	EA	Up to 2 Compressor Controller Note: For magnetic bearing frictionless centrifugal compressor.	5,278.59	434.82
23 61 13 00-0012	EA	3 To 6 Compressor Controller Note: For magnetic bearing frictionless centrifugal compressor.	6,878.59	434.82

23 61 16 Reciprocating Refrigerant Compressors *(23 61)*

23 61 16 00-0001 Reciprocating Open Type Refrigerant Compressors *(23 61 16)*

Note: Includes manual reversible oil pump and automatic pressure regulator. Excludes muffler, vibration isolators, crank case oil heaters, couplings and flywheel.

23 61 16 00-0002	EA	1/4 Ton Refrigerant Compressor, Reciprocating Open Type	406.22	93.05
		For Direct Drive Couplings, Add	*7.70*	
		For Muffler, Add	*5.50*	
		For Crankcase Heater, Add	*11.01*	
23 61 16 00-0003	EA	1/3 Ton Refrigerant Compressor, Reciprocating Open Type	466.94	93.05
		For Direct Drive Couplings, Add	*9.83*	
		For Muffler, Add	*7.02*	
		For Crankcase Heater, Add	*14.04*	
23 61 16 00-0004	EA	1/2 Ton Refrigerant Compressor, Reciprocating Open Type	624.78	116.28
		For Direct Drive Couplings, Add	*13.73*	
		For Muffler, Add	*9.80*	
		For Crankcase Heater, Add	*19.61*	
23 61 16 00-0005	EA	3/4 Ton Refrigerant Compressor, Reciprocating Open Type	750.01	116.28
		For Direct Drive Couplings, Add	*18.11*	
		For Muffler, Add	*12.93*	
		For Crankcase Heater, Add	*25.87*	
23 61 16 00-0006	EA	1 Ton Refrigerant Compressor, Reciprocating Open Type	825.91	116.28
		For Direct Drive Couplings, Add	*20.76*	
		For Muffler, Add	*14.83*	
		For Crankcase Heater, Add	*29.66*	
23 61 16 00-0007	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Open Type	839.64	120.97
		For Direct Drive Couplings, Add	*20.92*	
		For Muffler, Add	*14.94*	
		For Crankcase Heater, Add	*29.89*	
23 61 16 00-0008	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	844.07	120.97
		For Direct Drive Couplings, Add	*21.07*	
		For Muffler, Add	*15.05*	
		For Crankcase Heater, Add	*30.11*	
23 61 16 00-0009	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Open Type	924.67	130.27
		For Direct Drive Couplings, Add	*23.24*	
		For Muffler, Add	*16.60*	
		For Crankcase Heater, Add	*33.21*	
23 61 16 00-0010	EA	2 Ton Refrigerant Compressor, Reciprocating Open Type	993.89	139.58
		For Direct Drive Couplings, Add	*25.02*	
		For Muffler, Add	*17.87*	
		For Crankcase Heater, Add	*35.74*	
23 61 16 00-0011	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,080.81	148.89
		For Direct Drive Couplings, Add	*27.41*	
		For Muffler, Add	*19.58*	
		For Crankcase Heater, Add	*39.15*	
23 61 16 00-0012	EA	3 Ton Refrigerant Compressor, Reciprocating Open Type	1,211.10	148.89
		For Direct Drive Couplings, Add	*31.97*	
		For Muffler, Add	*22.83*	
		For Crankcase Heater, Add	*45.67*	
23 61 16 00-0013	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,351.14	158.19
		For Direct Drive Couplings, Add	*36.22*	
		For Muffler, Add	*25.87*	
		For Crankcase Heater, Add	*51.74*	
23 61 16 00-0014	EA	4 Ton Refrigerant Compressor, Reciprocating Open Type	1,384.94	167.50
		For Direct Drive Couplings, Add	*36.75*	
		For Muffler, Add	*26.25*	
		For Crankcase Heater, Add	*52.50*	
23 61 16 00-0015	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,409.41	172.10
		For Direct Drive Couplings, Add	*37.28*	
		For Muffler, Add	*26.63*	
		For Crankcase Heater, Add	*53.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 61 16 00-0016	EA	5 Ton Refrigerant Compressor, Reciprocating Open Type	2,459.66	900.96
		For Direct Drive Couplings, Add	*38.74*	
		For Muffler, Add	*27.67*	
		For Crankcase Heater, Add	*55.34*	
23 61 16 00-0017	EA	7.5 Ton Refrigerant Compressor, Reciprocating Open Type	3,495.98	1,029.62
		For Direct Drive Couplings, Add	*68.25*	
		For Muffler, Add	*48.75*	
		For Crankcase Heater, Add	*97.50*	
23 61 16 00-0018	EA	10 Ton Refrigerant Compressor, Reciprocating Open Type	4,532.41	1,158.37
		For Direct Drive Couplings, Add	*97.76*	
		For Muffler, Add	*69.83*	
		For Crankcase Heater, Add	*139.66*	
23 61 16 00-0019	EA	12.5 Ton Refrigerant Compressor, Reciprocating Open Type	5,810.65	1,254.81
		For Direct Drive Couplings, Add	*137.43*	
		For Muffler, Add	*98.16*	
		For Crankcase Heater, Add	*196.33*	
23 61 16 00-0020	EA	15 Ton Refrigerant Compressor, Reciprocating Open Type	7,089.18	1,351.43
		For Direct Drive Couplings, Add	*177.10*	
		For Muffler, Add	*126.50*	
		For Crankcase Heater, Add	*253.00*	
23 61 16 00-0021	EA	20 Ton Refrigerant Compressor, Reciprocating Open Type	8,507.01	1,621.72
		For Direct Drive Couplings, Add	*212.52*	
		For Muffler, Add	*151.80*	
		For Crankcase Heater, Add	*303.60*	
23 61 16 00-0022	EA	25 Ton Refrigerant Compressor, Reciprocating Open Type	10,102.17	1,743.03
		For Direct Drive Couplings, Add	*261.98*	
		For Muffler, Add	*187.13*	
		For Crankcase Heater, Add	*374.25*	
23 61 16 00-0023	EA	30 Ton Refrigerant Compressor, Reciprocating Open Type	11,622.06	1,842.87
		For Direct Drive Couplings, Add	*309.93*	
		For Muffler, Add	*221.38*	
		For Crankcase Heater, Add	*442.75*	
23 61 16 00-0024	EA	50 Ton Refrigerant Compressor, Reciprocating Open Type	15,012.81	2,079.15
		For Direct Drive Couplings, Add	*416.19*	
		For Muffler, Add	*297.28*	
		For Crankcase Heater, Add	*594.55*	
23 61 16 00-0025	EA	60 Ton Refrigerant Compressor, Reciprocating Open Type	17,498.46	2,133.68
		For Direct Drive Couplings, Add	*500.31*	
		For Muffler, Add	*357.36*	
		For Crankcase Heater, Add	*714.73*	
23 61 16 00-0026	EA	70 Ton Refrigerant Compressor, Reciprocating Open Type	21,586.49	2,188.11
		For Direct Drive Couplings, Add	*640.48*	
		For Muffler, Add	*457.49*	
		For Crankcase Heater, Add	*914.97*	
23 61 16 00-0027	EA	75 Ton Refrigerant Compressor, Reciprocating Open Type	22,616.50	2,215.43
		For Direct Drive Couplings, Add	*675.15*	
		For Muffler, Add	*482.25*	
		For Crankcase Heater, Add	*964.50*	
23 61 16 00-0028	EA	80 Ton Refrigerant Compressor, Reciprocating Open Type	23,604.46	2,242.65
		For Direct Drive Couplings, Add	*708.31*	
		For Muffler, Add	*505.94*	
		For Crankcase Heater, Add	*1,011.87*	
23 61 16 00-0029	EA	90 Ton Refrigerant Compressor, Reciprocating Open Type	25,455.54	2,297.08
		For Direct Drive Couplings, Add	*770.30*	
		For Muffler, Add	*550.21*	
		For Crankcase Heater, Add	*1,100.42*	
23 61 16 00-0030	EA	100 Ton Refrigerant Compressor, Reciprocating Open Type	27,141.00	2,351.69
		For Direct Drive Couplings, Add	*826.35*	
		For Muffler, Add	*590.25*	
		For Crankcase Heater, Add	*1,180.50*	
23 61 16 00-0031	EA	110 Ton Refrigerant Compressor, Reciprocating Open Type	29,100.65	2,581.17
		For Direct Drive Couplings, Add	*876.51*	
		For Muffler, Add	*626.08*	
		For Crankcase Heater, Add	*1,252.16*	
23 61 16 00-0032	EA	120 Ton Refrigerant Compressor, Reciprocating Open Type	30,452.51	2,638.93
		For Direct Drive Couplings, Add	*920.74*	
		For Muffler, Add	*657.67*	
		For Crankcase Heater, Add	*1,315.35*	
23 61 16 00-0033	EA	130 Ton Refrigerant Compressor, Reciprocating Open Type	31,601.89	2,672.53
		For Direct Drive Couplings, Add	*959.09*	
		For Muffler, Add	*685.06*	
		For Crankcase Heater, Add	*1,370.12*	
23 61 16 00-0034	EA	140 Ton Refrigerant Compressor, Reciprocating Open Type	32,657.75	2,755.22
		For Direct Drive Couplings, Add	*991.49*	
		For Muffler, Add	*708.21*	
		For Crankcase Heater, Add	*1,416.42*	
23 61 16 00-0035	EA	150 Ton Refrigerant Compressor, Reciprocating Open Type	33,507.90	2,812.99
		For Direct Drive Couplings, Add	*1,018.06*	
		For Muffler, Add	*727.19*	
		For Crankcase Heater, Add	*1,454.37*	
23 61 16 00-0036	EA	175 Ton Refrigerant Compressor, Reciprocating Open Type	34,386.37	2,890.06
		For Direct Drive Couplings, Add	*1,044.62*	
		For Muffler, Add	*746.16*	
		For Crankcase Heater, Add	*1,492.32*	
23 61 16 00-0037	EA	185 Ton Refrigerant Compressor, Reciprocating Open Type	35,194.99	2,921.14
		For Direct Drive Couplings, Add	*1,071.19*	
		For Muffler, Add	*765.14*	
		For Crankcase Heater, Add	*1,530.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 61 16 00-0038	EA	200 Ton Refrigerant Compressor, Reciprocating Open Type	36,030.47	2,969.48
		For Direct Drive Couplings, Add	*1,097.75*	
		For Muffler, Add	*784.11*	
		For Crankcase Heater, Add	*1,568.22*	
23 61 16 00-0039	EA	225 Ton Refrigerant Compressor, Reciprocating Open Type	37,104.98	3,169.75
		For Direct Drive Couplings, Add	*1,124.32*	
		For Muffler, Add	*803.09*	
		For Crankcase Heater, Add	*1,606.17*	
23 61 16 00-0040	EA	250 Ton Refrigerant Compressor, Reciprocating Open Type	38,131.73	3,340.62
		For Direct Drive Couplings, Add	*1,150.88*	
		For Muffler, Add	*822.06*	
		For Crankcase Heater, Add	*1,644.12*	

23 61 16 00-0041 Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16)*

Note: Includes automatic reversible oil pump, suction and discharge shut-off valves, device for loading and unloading compressor cylinders and crank case oil heater. Excludes mufflers and vibration isolators.

23 61 16 00-0042 Reciprocating Hermetic Type Refrigerant Compressors <5 Tons *(23 61 16 00-0041)*

23 61 16 00-0043	EA	1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	483.31	93.05
		For Muffler, Add	*13.37*	
23 61 16 00-0044	EA	1/3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	495.96	93.05
		For Muffler, Add	*13.94*	
23 61 16 00-0045	EA	1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	555.13	116.28
		For Muffler, Add	*14.51*	
23 61 16 00-0046	EA	3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	567.78	116.28
		For Muffler, Add	*15.08*	
23 61 16 00-0047	EA	1 Ton Refrigerant Compressor, Reciprocating Hermetic Type	574.10	116.28
		For Muffler, Add	*15.37*	
23 61 16 00-0048	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	593.52	120.97
		For Muffler, Add	*15.82*	
23 61 16 00-0049	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	607.43	120.97
		For Muffler, Add	*16.45*	
23 61 16 00-0050	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	652.61	130.27
		For Muffler, Add	*17.64*	
23 61 16 00-0051	EA	2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	696.52	139.58
		For Muffler, Add	*18.78*	
23 61 16 00-0052	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	753.06	148.89
		For Muffler, Add	*20.49*	
23 61 16 00-0053	EA	3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	778.36	148.89
		For Muffler, Add	*21.63*	
23 61 16 00-0054	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	834.90	158.19
		For Muffler, Add	*23.33*	
23 61 16 00-0055	EA	4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	967.34	167.50
		For Muffler, Add	*28.46*	
23 61 16 00-0056	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,046.19	172.10
		For Muffler, Add	*31.59*	

23 61 16 00-0057 Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16 00-0041)*

23 61 16 00-0058	EA	5 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,471.21	463.34
		For Muffler, Add	*34.90*	
23 61 16 00-0059	EA	10 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,531.42	579.19
		For Muffler, Add	*74.78*	
23 61 16 00-0060	EA	15 Ton Refrigerant Compressor, Reciprocating Hermetic Type	3,994.85	705.11
		For Muffler, Add	*132.13*	
23 61 16 00-0061	EA	20 Ton Refrigerant Compressor, Reciprocating Hermetic Type	5,011.42	810.85
		For Muffler, Add	*170.73*	
23 61 16 00-0062	EA	25 Ton Refrigerant Compressor, Reciprocating Hermetic Type	5,539.45	900.96
		For Muffler, Add	*188.40*	
23 61 16 00-0063	EA	30 Ton Refrigerant Compressor, Reciprocating Hermetic Type	6,154.64	1,013.58
		For Muffler, Add	*208.47*	
23 61 16 00-0064	EA	35 Ton Refrigerant Compressor, Reciprocating Hermetic Type	7,825.32	1,158.37
		For Muffler, Add	*273.87*	
23 61 16 00-0065	EA	40 Ton Refrigerant Compressor, Reciprocating Hermetic Type	9,770.84	1,158.37
		For Muffler, Add	*361.42*	
23 61 16 00-0066	EA	50 Ton Refrigerant Compressor, Reciprocating Hermetic Type	11,997.68	1,351.43
		For Muffler, Add	*448.58*	
23 61 16 00-0067	EA	60 Ton Refrigerant Compressor, Reciprocating Hermetic Type	13,442.12	1,447.96
		For Muffler, Add	*507.06*	
23 61 16 00-0068	EA	70 Ton Refrigerant Compressor, Reciprocating Hermetic Type	14,191.57	1,517.45
		For Muffler, Add	*536.10*	
23 61 16 00-0069	EA	75 Ton Refrigerant Compressor, Reciprocating Hermetic Type	14,618.23	1,592.41
		For Muffler, Add	*550.22*	
23 61 16 00-0070	EA	80 Ton Refrigerant Compressor, Reciprocating Hermetic Type	14,998.76	1,598.59
23 61 16 00-0071	EA	90 Ton Refrigerant Compressor, Reciprocating Hermetic Type	15,750.43	1,673.81
23 61 16 00-0072	EA	100 Ton Refrigerant Compressor, Reciprocating Hermetic Type	16,503.53	1,743.03

23 61 19 Scroll Refrigerant Compressors *(23 61)*

23 61 19 00-0001 Scroll Refrigerant Compressors *(23 61 19)*

23 61 19 00-0002	EA	Up To 3 Ton Scroll Refrigerant Compressor	989.84	148.71
23 61 19 00-0003	EA	3.5 Ton Scroll Refrigerant Compressor	1,038.95	158.27
23 61 19 00-0004	EA	4 Ton Scroll Refrigerant Compressor	1,066.80	167.41
23 61 19 00-0005	EA	4.5 Ton Scroll Refrigerant Compressor	1,088.36	172.19
23 61 19 00-0006	EA	5 Ton Scroll Refrigerant Compressor	1,350.26	217.41
23 61 19 00-0007	EA	7.5 Ton Scroll Refrigerant Compressor	2,530.70	326.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 61 19 00-0008	EA	8.75 Ton Scroll Refrigerant Compressor	2,898.91	380.47
23 61 19 00-0009	EA	10 Ton Scroll Refrigerant Compressor	3,251.85	434.82
23 61 19 00-0010	EA	12 Ton Scroll Refrigerant Compressor	3,928.30	521.78
23 61 19 00-0011	EA	13.5 Ton Scroll Refrigerant Compressor	4,618.84	587.01
23 61 19 00-0012	EA	15 Ton Scroll Refrigerant Compressor	5,400.85	652.24
23 61 19 00-0013	EA	20 Ton Scroll Refrigerant Compressor	7,588.80	869.65
23 61 19 00-0014	EA	25 Ton Scroll Refrigerant Compressor	8,604.55	1,087.05
23 61 19 00-0015	EA	30 Ton Scroll Refrigerant Compressor	9,265.48	1,304.47

23 61 23 Rotary-Screw Refrigerant Compressors *(23 61)*

23 61 23 00-0001 Rotary Screw Type Refrigerant Compressors *(23 61 23)*

23 61 23 00-0002	EA	75 Ton Refrigerant Compressor, Rotary Screw Type	17,395.56	2,215.43
23 61 23 00-0003	EA	80 Ton Refrigerant Compressor, Rotary Screw Type	17,889.87	2,242.65
23 61 23 00-0004	EA	90 Ton Refrigerant Compressor, Rotary Screw Type	18,957.05	2,297.08
23 61 23 00-0005	EA	100 Ton Refrigerant Compressor, Rotary Screw Type	20,015.81	2,351.69
23 61 23 00-0006	EA	110 Ton Refrigerant Compressor, Rotary Screw Type	21,689.13	2,581.17
23 61 23 00-0007	EA	120 Ton Refrigerant Compressor, Rotary Screw Type	22,923.20	2,638.93
23 61 23 00-0008	EA	130 Ton Refrigerant Compressor, Rotary Screw Type	24,111.69	2,672.53
23 61 23 00-0009	EA	140 Ton Refrigerant Compressor, Rotary Screw Type	25,387.52	2,755.22
23 61 23 00-0010	EA	150 Ton Refrigerant Compressor, Rotary Screw Type	26,621.75	2,812.99
23 61 23 00-0011	EA	170 Ton Refrigerant Compressor, Rotary Screw Type	28,342.14	2,890.06
23 61 23 00-0012	EA	185 Ton Refrigerant Compressor, Rotary Screw Type	29,550.78	2,921.14
23 61 23 00-0013	EA	200 Ton Refrigerant Compressor, Rotary Screw Type	30,137.69	2,969.48
23 61 23 00-0014	EA	215 Ton Refrigerant Compressor, Rotary Screw Type	33,693.38	3,169.75
23 61 23 00-0015	EA	225 Ton Refrigerant Compressor, Rotary Screw Type	37,155.33	3,340.62

23 62 Packaged Compressor and Condenser Units *(23 60)*

23 62 13 Packaged Air-Cooled Refrigerant Compressor and Condenser Units *(23 62)*

23 62 13 00-0001 Combination Direct-Expansion Liquid Cooler And Compressors *(23 62 13)*

Note: Shell and tube type. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

23 62 13 00-0002	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	5,606.41	401.78
23 62 13 00-0003	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	13,149.62	401.78
23 62 13 00-0004	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	23,570.90	401.78
23 62 13 00-0005	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	28,073.67	459.17
23 62 13 00-0006	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	33,546.55	573.97
23 62 13 00-0007	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	37,266.40	698.32
23 62 13 00-0008	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	38,348.86	829.02
23 62 13 00-0009	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	41,145.99	914.41
23 62 13 00-0010	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	43,843.55	958.28
23 62 13 00-0011	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	50,444.62	1,133.69
23 62 13 00-0012	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	57,063.63	1,306.31
23 62 13 00-0013	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	60,270.73	1,314.45
23 62 13 00-0014	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	68,208.95	1,403.65
23 62 13 00-0015	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	74,666.33	1,487.21

23 62 13 00-0016 Direct-Expansion Liquid Cooler Shell And Tube Type *(23 62 13)*

Note: For built-up systems. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Excludes compressors. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

23 62 13 00-0017	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	5,321.20	401.78
23 62 13 00-0018	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	11,526.29	401.78
23 62 13 00-0019	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	18,319.21	401.78
23 62 13 00-0020	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	19,849.25	459.17
23 62 13 00-0021	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	21,466.26	573.97
23 62 13 00-0022	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	25,589.12	698.32
23 62 13 00-0023	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	29,068.14	829.02
23 62 13 00-0024	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	37,326.42	910.22
23 62 13 00-0025	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	41,857.97	958.28
23 62 13 00-0026	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	45,627.71	1,132.29
23 62 13 00-0027	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	52,293.28	1,306.31
23 62 13 00-0028	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	55,349.07	1,314.45
23 62 13 00-0029	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	60,832.62	1,403.65
23 62 13 00-0030	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	69,547.20	1,487.21

23 62 13 00-0031 Packaged Chiller With Remote Air Cooled Condenser *(23 62 13)*

Note: With remote air cooled condenser rated by cooling capacity, Units are factory assembled package type and include hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, vibration eliminators, phase monitoring for 3 phase units, start-up and equipment rigging. Units include dual compressors. Excludes piping and power wiring.

23 62 13 00-0032	EA	15 Ton Packaged Chiller With Remote Air Cooled Condensers	35,267.22	7,181.16
		For Gas Fired Engine Driven, Add	*5,976.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 62 13 00-0033	EA	20 Ton Packaged Chiller With Remote Air Cooled Condensers	39,755.13	7,569.32
		For Gas Fired Engine Driven, Add	*6,816.20*	
23 62 13 00-0034	EA	25 Ton Packaged Chiller With Remote Air Cooled Condensers	46,082.74	8,237.12
		For Gas Fired Engine Driven, Add	*7,981.59*	
23 62 13 00-0035	EA	30 Ton Packaged Chiller With Remote Air Cooled Condensers	51,470.71	8,752.00
		For Gas Fired Engine Driven, Add	*8,982.00*	
23 62 13 00-0036	EA	40 Ton Packaged Chiller With Remote Air Cooled Condensers	64,190.84	9,657.36
		For Gas Fired Engine Driven, Add	*11,390.29*	
23 62 13 00-0037	EA	50 Ton Packaged Chiller With Remote Air Cooled Condensers	70,744.41	10,002.23
		For Gas Fired Engine Driven, Add	*12,649.29*	
23 62 13 00-0038	EA	60 Ton Packaged Chiller With Remote Air Cooled Condensers	76,869.14	10,771.64
		For Gas Fired Engine Driven, Add	*13,758.89*	
23 62 13 00-0039	EA	70 Ton Packaged Chiller With Remote Air Cooled Condensers	93,306.08	11,525.29
		For Gas Fired Engine Driven, Add	*16,911.69*	
23 62 13 00-0040	EA	75 Ton Packaged Chiller With Remote Air Cooled Condensers	94,391.59	11,741.98
		For Gas Fired Engine Driven, Add	*17,117.89*	
23 62 13 00-0041	EA	80 Ton Packaged Chiller With Remote Air Cooled Condensers	96,133.47	12,252.55
		For Gas Fired Engine Driven, Add	*17,389.73*	
23 62 13 00-0042	EA	90 Ton Packaged Chiller With Remote Air Cooled Condensers	106,595.24	12,809.50
		For Gas Fired Engine Driven, Add	*19,398.59*	
23 62 13 00-0043	EA	100 Ton Packaged Chiller With Remote Air Cooled Condensers	117,866.41	13,419.51
		For Gas Fired Engine Driven, Add	*21,561.37*	
23 62 13 00-0044	EA	110 Ton Packaged Chiller With Remote Air Cooled Condensers	130,609.94	14,090.44
		For Gas Fired Engine Driven, Add	*24,009.48*	
23 62 13 00-0045	EA	120 Ton Packaged Chiller With Remote Air Cooled Condensers	141,190.75	14,832.07
		For Gas Fired Engine Driven, Add	*26,014.46*	
23 62 13 00-0046	EA	140 Ton Packaged Chiller With Remote Air Cooled Condensers	155,741.86	15,656.04
		For Gas Fired Engine Driven, Add	*28,801.14*	

23 62 23 Packaged Water-Cooled Refrigerant Compressor and Condenser Units *(23 62)*

23 62 23 00-0001 Water Cooled Condensing Units *(23 62 23)*

Note: Includes compressor, condenser and motor, and equipment rigging. Excludes piping and power wiring.

23 62 23 00-0002	EA	5 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	4,357.99	660.76
23 62 23 00-0003	EA	10 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	6,586.85	964.99
23 62 23 00-0004	EA	15 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	7,503.87	1,045.80
23 62 23 00-0005	EA	20 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	9,278.51	1,254.96
23 62 23 00-0006	EA	30 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	10,098.94	1,476.48
23 62 23 00-0007	EA	60 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	20,683.52	2,091.77
23 62 23 00-0008	EA	80 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	25,627.01	2,524.58
23 62 23 00-0009	EA	120 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	35,002.60	2,762.28

23 63 Refrigerant Condensers *(23 60)*

23 63 13 Air-Cooled Refrigerant Condensers *(23 63)*

23 63 13 00-0001 Air Cooled Condensing Units *(23 63 13)*

Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers and phase monitoring for 3 phase units and equipment rigging. Meets minimum ASHRAE EER requirements. Excludes piping and power wiring.

23 63 13 00-0002	EA	6 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	4,268.93	660.76
		For >10 To 25, Deduct	*-98.05*	
		For >25 To 50, Deduct	*-163.41*	
		For >50, Deduct	*-261.45*	
		For Low Ambient Protection, 0 Degree F, Add	*675.05*	
		For Winter Start Control, Add	*230.80*	
23 63 13 00-0003	EA	7.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	5,110.21	784.35
		For >10 To 25, Deduct	*-117.65*	
		For >25 To 50, Deduct	*-196.09*	
		For >50, Deduct	*-313.74*	
		For Low Ambient Protection, 0 Degree F, Add	*610.85*	
		For Winter Start Control, Add	*197.28*	
23 63 13 00-0004	EA	10 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	6,621.54	964.99
		For >10 To 25, Deduct	*-154.77*	
		For >25 To 50, Deduct	*-257.94*	
		For >50, Deduct	*-412.71*	
		For Low Ambient Protection, 0 Degree F, Add	*726.79*	
		For Winter Start Control, Add	*249.44*	
23 63 13 00-0005	EA	12.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	8,114.53	1,003.97
		For >10 To 25, Deduct	*-197.80*	
		For >25 To 50, Deduct	*-329.67*	
		For >50, Deduct	*-527.47*	
		For Low Ambient Protection, 0 Degree F, Add	*841.83*	
		For Winter Start Control, Add	*283.98*	
23 63 13 00-0006	EA	15 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	9,612.39	1,045.80
		For >10 To 25, Deduct	*-240.84*	
		For >25 To 50, Deduct	*-401.39*	
		For >50, Deduct	*-642.23*	
		For Low Ambient Protection, 0 Degree F, Add	*877.81*	
		For Winter Start Control, Add	*238.73*	
23 63 13 00-0007	EA	20 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	12,350.81	1,254.96
		For >10 To 25, Deduct	*-313.48*	
		For >25 To 50, Deduct	*-522.47*	
		For >50, Deduct	*-835.95*	
		For Low Ambient Protection, 0 Degree F, Add	*1,102.32*	
		For Winter Start Control, Add	*294.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0008	EA	25 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	14,019.66	1,350.04
		For >10 To 25, Deduct	*-359.28*	
		For >25 To 50, Deduct	*-598.80*	
		For >50, Deduct	*-958.08*	
		For Low Ambient Protection, 0 Degree F, Add	*1,169.60*	
		For Winter Start Control, Add	*324.13*	
23 63 13 00-0009	EA	30 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	16,048.09	1,473.63
		For >10 To 25, Deduct	*-414.55*	
		For >25 To 50, Deduct	*-690.92*	
		For >50, Deduct	*-1,105.47*	
		For Low Ambient Protection, 0 Degree F, Add	*1,248.34*	
		For Winter Start Control, Add	*361.15*	
23 63 13 00-0010	EA	40 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	21,846.09	1,663.91
		For >10 To 25, Deduct	*-578.40*	
		For >25 To 50, Deduct	*-964.00*	
		For >50, Deduct	*-1,542.40*	
		For Low Ambient Protection, 0 Degree F, Add	*1,605.52*	
		For Winter Start Control, Add	*449.41*	
23 63 13 00-0011	EA	50 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	26,552.75	2,091.77
		For >10 To 25, Deduct	*-699.80*	
		For >25 To 50, Deduct	*-1,166.34*	
		For >50, Deduct	*-1,866.14*	
		For Low Ambient Protection, 0 Degree F, Add	*1,739.56*	
		For Winter Start Control, Add	*439.23*	
23 63 13 00-0012	EA	60 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	30,534.76	2,308.67
		For >10 To 25, Deduct	*-812.05*	
		For >25 To 50, Deduct	*-1,353.42*	
		For >50, Deduct	*-2,165.46*	
		For Low Ambient Protection, 0 Degree F, Add	*1,949.34*	
		For Winter Start Control, Add	*481.99*	
23 63 13 00-0013	EA	80 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	39,426.46	2,524.58
		For >10 To 25, Deduct	*-1,065.99*	
		For >25 To 50, Deduct	*-1,776.65*	
		For >50, Deduct	*-2,842.65*	
		For Low Ambient Protection, 0 Degree F, Add	*2,394.67*	
		For Winter Start Control, Add	*567.00*	
23 63 13 00-0014	EA	100 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	54,242.09	2,273.12
		For >10 To 25, Deduct	*-1,488.44*	
		For >25 To 50, Deduct	*-2,480.74*	
		For >50, Deduct	*-3,969.18*	
		For Low Ambient Protection, 0 Degree F, Add	*2,645.29*	
		For Winter Start Control, Add	*710.81*	
23 63 13 00-0015	EA	120 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	66,638.12	2,350.17
		For >10 To 25, Deduct	*-1,855.62*	
		For >25 To 50, Deduct	*-3,092.69*	
		For >50, Deduct	*-4,948.31*	
		For Low Ambient Protection, 0 Degree F, Add	*3,051.68*	

23 63 13 00-0016 Air Cooled Condensing Units *(23 63 13)*

Note: Include compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers, 13 SEER, 1 or 3 phase and equipment rigging. Higher SEER ratings can be obtained by oversizing evaporators. Excludes piping and power wiring.

23 63 13 00-0017	EA	1.5 Ton 13 SEER Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	1,592.15	249.00
		For >10 To 25, Deduct	*-36.56*	
		For >25 To 50, Deduct	*-60.93*	
		For >50, Deduct	*-97.49*	
		For 14 SEER, Add	*255.92*	
		For 16 SEER, Add	*499.65*	
		For 18 SEER, Add	*1,084.60*	
23 63 13 00-0018	EA	2 Ton 13 SEER Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	1,711.31	276.81
		For >10 To 25, Deduct	*-38.89*	
		For >25 To 50, Deduct	*-64.82*	
		For >50, Deduct	*-103.70*	
		For 14 SEER, Add	*272.22*	
		For 16 SEER, Add	*531.48*	
		For 18 SEER, Add	*1,153.71*	
23 63 13 00-0019	EA	2.5 Ton 13 SEER Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	1,814.65	304.49
		For >10 To 25, Deduct	*-40.74*	
		For >25 To 50, Deduct	*-67.91*	
		For >50, Deduct	*-108.65*	
		For 14 SEER, Add	*285.21*	
		For 16 SEER, Add	*556.84*	
		For 18 SEER, Add	*1,208.75*	
23 63 13 00-0020	EA	3 Ton 13 SEER Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,086.47	332.00
		For >10 To 25, Deduct	*-47.65*	
		For >25 To 50, Deduct	*-79.42*	
		For >50, Deduct	*-127.08*	
		For 14 SEER, Add	*333.58*	
		For 16 SEER, Add	*651.27*	
		For 18 SEER, Add	*1,413.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0021	EA	3.5 Ton 13 SEER Air Cooled Condensing Unit	2,208.25	359.85
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-50.06*	
		For >25 To 50, Deduct	*-83.44*	
		For >50, Deduct	*-133.50*	
		For 14 SEER, Add	*350.44*	
		For 16 SEER, Add	*684.18*	
		For 18 SEER, Add	*1,485.18*	
23 63 13 00-0022	EA	4 Ton 13 SEER Air Cooled Condensing Unit	2,462.94	387.53
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-56.46*	
		For >25 To 50, Deduct	*-94.10*	
		For >50, Deduct	*-150.56*	
		For 14 SEER, Add	*395.21*	
		For 16 SEER, Add	*771.60*	
		For 18 SEER, Add	*1,674.93*	
23 63 13 00-0023	EA	5 Ton 13 SEER Air Cooled Condensing Unit	2,782.73	415.01
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-64.81*	
		For >25 To 50, Deduct	*-108.01*	
		For >50, Deduct	*-172.82*	
		For 14 SEER, Add	*453.65*	
		For 15 SEER, Add	*518.45*	
		For 16 SEER, Add	*885.69*	
		For 18 SEER, Add	*1,922.60*	

23 63 13 00-0024 Removal And Reinstallation Of AC Condensing Unit *(23 63 13)*
Note: Includes storage and cleaning.

23 63 13 00-0025	EA	Remove And Reinstall Air Cooled Condensing Unit Up To 5 Tons	254.79
23 63 13 00-0026	EA	Remove And Reinstall Air Cooled Condensing Unit 7.5 To 15 Tons	955.49
23 63 13 00-0027	EA	Remove And Reinstall Air Cooled Condensing Unit 20 To 40 Tons	1,997.33

23 63 23 Water-Cooled Refrigerant Condensers *(23 63)*

23 63 23 00-0001 Water Cooled Condensers *(23 63 23)*
Note: Steel shell and copper tube type. Includes equipment rigging.

23 63 23 00-0002	EA	15 Ton Water Cooled Condenser, Shell And Tube Type	5,124.81	341.77
		For Saddle Legs, Add	*366.23*	
23 63 23 00-0003	EA	20 Ton Water Cooled Condenser, Shell And Tube Type	6,672.00	459.17
		For Saddle Legs, Add	*475.11*	
23 63 23 00-0004	EA	25 Ton Water Cooled Condenser, Shell And Tube Type	8,713.52	573.97
		For Saddle Legs, Add	*623.59*	
		For Dual Compressor, Add	*392.19*	
23 63 23 00-0005	EA	30 Ton Water Cooled Condenser, Shell And Tube Type	9,209.21	698.32
		For Saddle Legs, Add	*647.97*	
		For Dual Compressor, Add	*407.53*	
23 63 23 00-0006	EA	40 Ton Water Cooled Condenser, Shell And Tube Type	11,038.87	893.13
		For Saddle Legs, Add	*770.04*	
		For Dual Compressor, Add	*484.30*	
23 63 23 00-0007	EA	50 Ton Water Cooled Condenser, Shell And Tube Type	12,600.27	1,004.44
		For Saddle Legs, Add	*880.73*	
		For Dual Compressor, Add	*553.92*	
23 63 23 00-0008	EA	60 Ton Water Cooled Condenser, Shell And Tube Type	15,285.07	1,147.93
		For Saddle Legs, Add	*1,076.89*	
		For Dual Compressor, Add	*677.29*	
23 63 23 00-0009	EA	75 Ton Water Cooled Condenser, Shell And Tube Type	18,819.06	1,339.25
		For Saddle Legs, Add	*1,334.80*	
		For Dual Compressor, Add	*839.49*	
23 63 23 00-0010	EA	100 Ton Water Cooled Condenser, Shell And Tube Type	20,848.09	1,727.98
		For Saddle Legs, Add	*1,449.36*	
		For Dual Compressor, Add	*911.55*	
23 63 23 00-0011	EA	150 Ton Water Cooled Condenser, Shell And Tube Type	29,865.25	2,060.20
		For Saddle Legs, Add	*2,126.10*	
		For Dual Compressor, Add	*1,337.17*	

23 64 Packaged Water Chillers *(23 60)*

23 64 13 Absorption Water Chillers *(23 64)*

23 64 13 16 Indirect-Fired Absorption Water Chillers *(23 64 13)*

23 64 13 16-0001 Packaged Water Cooled Absorption Chillers (Steam Driven) *(23 64 13 16)*
Note: Includes refrigerant monitor with scanner, audible alarm, and lights, 460 V motor, and all accessories, controls (water temperature controller with PE switches, flow switch, etc.) factory wired and installed control panel, and also includes start-up. Price includes closed transition starter. (rated by cooling capacity in tons). Units are factory assembled package type consisting of motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, controls, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units over 20 tons include dual compressors. Exclude piping and power wiring.

23 64 13 16-0002	EA	50 Ton Absorption Chiller	88,369.38	5,732.27
		For Two Stage Unit, Add	*58,207.39*	
23 64 13 16-0003	EA	100 Ton Absorption Chiller	112,160.25	6,831.76
		For Two Stage Unit, Add	*74,122.55*	
23 64 13 16-0004	EA	150 Ton Absorption Chiller	141,790.26	7,013.90
		For Two Stage Unit, Add	*94,746.49*	
23 64 13 16-0005	EA	200 Ton Absorption Chiller	156,972.87	7,147.32
		For Two Stage Unit, Add	*105,288.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 13 16-0006	EA	250 Ton Absorption Chiller	175,422.22	7,326.46
		For Two Stage Unit, Add	*118,088.01*	
23 64 13 16-0007	EA	300 Ton Absorption Chiller	198,070.05	7,758.73
		For Two Stage Unit, Add	*133,663.76*	
23 64 13 16-0008	EA	350 Ton Absorption Chiller	212,341.68	7,946.23
		For Two Stage Unit, Add	*143,533.42*	
23 64 13 16-0009	EA	400 Ton Absorption Chiller	252,778.96	8,271.09
		For Two Stage Unit, Add	*171,630.78*	
23 64 13 16-0010	EA	500 Ton Absorption Chiller	283,102.52	8,512.00
		For Two Stage Unit, Add	*192,702.49*	
23 64 13 16-0011	EA	650 Ton Absorption Chiller	348,594.83	12,010.13
		For Two Stage Unit, Add	*236,299.45*	
23 64 13 16-0012	EA	750 Ton Absorption Chiller	379,716.83	13,990.53
		For Two Stage Unit, Add	*256,812.38*	
23 64 13 16-0013	EA	850 Ton Absorption Chiller	406,660.70	14,612.27
		For Two Stage Unit, Add	*275,273.56*	
23 64 13 16-0014	EA	950 Ton Absorption Chiller	434,627.44	14,786.12
		For Two Stage Unit, Add	*294,839.91*	
23 64 13 16-0015	EA	1125 Ton Absorption Chiller	497,310.69	15,298.54
		For Two Stage Unit, Add	*338,392.47*	
23 64 13 16-0016	EA	1250 Ton Absorption Chiller	543,957.72	15,766.87
		For Two Stage Unit, Add	*370,747.69*	
23 64 13 16-0017	EA	1450 Ton Absorption Chiller	639,598.32	19,435.85
		For Two Stage Unit, Add	*435,363.78*	
23 64 13 16-0018	EA	1700 Ton Absorption Chiller	747,210.29	20,465.62
		For Two Stage Unit, Add	*510,037.58*	

23 64 16 Centrifugal Water Chillers *(23 64)*

23 64 16 16 Water-Cooled Centrifugal Water Chillers *(23 64 16)*

23 64 16 16-0001 Packaged Water-Cooled Centrifugal Chillers *(23 64 16 16)*

Note: Includes integral heat exchanger, refrigerant monitor with scanner, audible alarm, and lights, 460 V motor, controls (water temperature controller with PE switches, flow switch, etc.), start-up, and closed transition starter. Rated by cooling capacity in tons. Units are factory assembled package type consisting of compressor, motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, factory wired and installed control panel, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 16 16-0002	EA	180 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	108,685.23	5,356.86
		For 208/230 Volt Motor, Add	*4,003.21*	
23 64 16 16-0003	EA	200 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	118,716.64	5,492.52
		For 208/230 Volt Motor, Add	*4,395.64*	
23 64 16 16-0004	EA	225 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	130,833.65	5,632.14
		For 208/230 Volt Motor, Add	*4,871.46*	
23 64 16 16-0005	EA	250 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	142,682.87	5,857.94
		For 208/230 Volt Motor, Add	*5,330.92*	
23 64 16 16-0006	EA	275 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	154,291.79	6,188.71
		For 208/230 Volt Motor, Add	*5,774.02*	
23 64 16 16-0007	EA	300 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	165,477.12	6,510.47
		For 208/230 Volt Motor, Add	*6,200.77*	
23 64 16 16-0008	EA	325 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	176,308.91	6,867.44
		For 208/230 Volt Motor, Add	*6,611.10*	
23 64 16 16-0009	EA	350 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	186,703.53	7,206.09
		For 208/230 Volt Motor, Add	*7,005.13*	
23 64 16 16-0010	EA	375 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	196,640.04	7,514.90
		For 208/230 Volt Motor, Add	*7,382.74*	
23 64 16 16-0011	EA	400 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	206,063.18	7,758.73
		For 208/230 Volt Motor, Add	*7,744.00*	
23 64 16 16-0012	EA	425 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	215,303.01	8,143.11
		For 208/230 Volt Motor, Add	*8,088.90*	
23 64 16 16-0013	EA	450 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	224,021.21	8,457.27
		For 208/230 Volt Motor, Add	*8,417.44*	
23 64 16 16-0014	EA	475 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	232,323.84	8,767.38
		For 208/230 Volt Motor, Add	*8,729.62*	
23 64 16 16-0015	EA	500 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	240,105.20	9,007.55
		For 208/230 Volt Motor, Add	*9,025.44*	
23 64 16 16-0016	EA	550 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	254,181.18	9,326.96
		For 208/230 Volt Motor, Add	*9,567.95*	
23 64 16 16-0017	EA	600 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	266,433.86	9,529.77
		For 208/230 Volt Motor, Add	*10,045.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0018	EA	650 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	277,480.37	10,000.81
		For 208/230 Volt Motor, Add	*10,456.63*	
23 64 16 16-0019	EA	700 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	286,902.32	10,478.98
		For 208/230 Volt Motor, Add	*10,802.78*	
23 64 16 16-0020	EA	750 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	294,767.90	11,005.05
		For 208/230 Volt Motor, Add	*11,083.60*	
23 64 16 16-0021	EA	800 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	313,058.09	11,535.99
		For 208/230 Volt Motor, Add	*11,781.09*	
23 64 16 16-0022	EA	850 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	331,219.60	12,065.25
		For 208/230 Volt Motor, Add	*12,473.55*	
23 64 16 16-0023	EA	900 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	349,334.57	12,645.30
		For 208/230 Volt Motor, Add	*13,160.88*	
23 64 16 16-0024	EA	950 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	367,414.21	13,283.93
		For 208/230 Volt Motor, Add	*13,843.03*	
23 64 16 16-0025	EA	1000 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	384,827.26	13,734.67
		For 208/230 Volt Motor, Add	*14,520.00*	
23 64 16 16-0026	EA	1100 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	417,741.96	15,847.76
		For 208/230 Volt Motor, Add	*15,702.27*	
23 64 16 16-0027	EA	1200 Ton Water Cooled Centrifugal Chiller	449,441.91	17,966.86
		For 208/230 Volt Motor, Add	*16,835.55*	
23 64 16 16-0028	EA	1300 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	479,275.12	19,683.44
		For 208/230 Volt Motor, Add	*17,919.76*	
23 64 16 16-0029	EA	1400 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	506,832.92	20,740.36
		For 208/230 Volt Motor, Add	*18,954.89*	
23 64 16 16-0030	EA	1500 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	533,105.44	21,762.70
		For 208/230 Volt Motor, Add	*19,940.80*	
23 64 16 16-0031	EA	1600 Ton Water Cooled Centrifugal Chiller With Integral Heat Exchanger, 440/460 V Motor	557,540.77	22,393.56
		For 208/230 Volt Motor, Add	*20,878.11*	
23 64 16 16-0032	EA	1700 Ton Water Cooled Centrifugal Chiller With Integral Heat Exchanger, 440/460 V Motor	582,225.94	23,955.85
		For 208/230 Volt Motor, Add	*21,766.21*	
23 64 16 16-0033	EA	1800 Ton Water Cooled Centrifugal Chiller With Integral Heat Exchanger, 440/460 V Motor	605,058.40	25,124.42
		For 208/230 Volt Motor, Add	*22,605.22*	
23 64 16 16-0034	EA	1900 Ton Water Cooled Centrifugal Chiller With Integral Heat Exchanger, 440/460 V Motor	627,216.26	26,640.57
		For 208/230 Volt Motor, Add	*23,395.16*	
23 64 16 16-0035	EA	2000 Ton Water Cooled Centrifugal Chiller With Integral Heat Exchanger, 440/460 V Motor	647,252.19	27,592.04
		For 208/230 Volt Motor, Add	*24,136.11*	
23 64 16 16-0036	EA	2250 Ton Water Cooled Centrifugal Chiller With Integral Heat Exchanger, 440/460 V Motor	688,994.65	29,153.87
		For 208/230 Volt Motor, Add	*25,773.92*	
23 64 16 16-0037	EA	2500 Ton Water Cooled Centrifugal Chiller With Integral Heat Exchanger, 440/460 V Motor	726,741.57	30,903.07
		For 208/230 Volt Motor, Add	*27,105.21*	

23 64 19 Reciprocating Water Chillers *(23 64)*

23 64 19 00-0001 Packaged Water Cooled Reciprocating Chiller *(23 64 19)*

Note: With reciprocation compressor integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type and include hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 19 00-0002	EA	15 Ton Water Cooled Reciprocating Chiller, Electric, With Integral Heat Exchanger	17,456.53	1,525.63
23 64 19 00-0003	EA	20 Ton Water Cooled Reciprocating Chiller, Electric, With Integral Heat Exchanger	20,535.16	1,799.81
23 64 19 00-0004	EA	25 Ton Water Cooled Reciprocating Chiller, Electric, With Integral Heat Exchanger	22,952.62	1,854.18
23 64 19 00-0005	EA	30 Ton Water Cooled Reciprocating Chiller, Electric, With Integral Heat Exchanger	25,545.98	2,035.51
23 64 19 00-0006	EA	40 Ton Water Cooled Reciprocating Chiller, Electric, With Integral Heat Exchanger	30,885.17	2,500.55
23 64 19 00-0007	EA	50 Ton Water Cooled Reciprocating Chiller, Electric, With Integral Heat Exchanger	34,978.47	2,740.36
23 64 19 00-0008	EA	60 Ton Water Cooled Reciprocating Chiller, Electric, With Integral Heat Exchanger	36,291.30	3,027.75

23 64 23 Scroll Water Chillers *(23 64)*

23 64 23 00-0001 Packaged Scroll Type Air Cooled Chillers *(23 64 23)*

Note: With integral heat exchanger. Rated by cooling capacity, tons. Units are factory assembled package type and include scroll compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, factory charge of refrigerant, start-up and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 23 00-0002	EA	10 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	15,119.23	1,871.75
23 64 23 00-0003	EA	15 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	21,639.41	1,896.01
23 64 23 00-0004	EA	18 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	23,583.07	2,032.25
23 64 23 00-0005	EA	22 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	25,884.36	2,172.21
23 64 23 00-0006	EA	25 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	26,402.15	2,311.23
23 64 23 00-0007	EA	30 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	27,900.88	2,484.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 23 00-0008	EA	40 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	31,765.95	2,691.93
23 64 23 00-0009	EA	45 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	34,132.76	2,909.34
23 64 23 00-0010	EA	50 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	35,974.63	2,998.91
23 64 23 00-0011	EA	55 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	37,571.37	3,129.55
23 64 23 00-0012	EA	60 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	38,836.98	3,237.79
23 64 23 00-0013	EA	70 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	44,731.60	3,651.13
23 64 23 00-0014	EA	80 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	48,207.88	3,999.17
23 64 23 00-0015	EA	90 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	49,031.77	4,009.44
23 64 23 00-0016	EA	100 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	51,674.49	4,018.76
23 64 23 00-0017	EA	110 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	54,252.97	4,029.03
23 64 23 00-0018	EA	120 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	56,863.37	4,039.30
23 64 23 00-0019	EA	130 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	59,601.74	4,049.56

23 64 23 00-0020 Packaged Water Cooled Scroll Compressor Chiller *(23 64 23)*

Note: Integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type and include hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 23 00-0021	EA	20 Ton Water Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	33,058.39	1,799.81
23 64 23 00-0022	EA	25 Ton Water Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	38,094.50	1,854.18
23 64 23 00-0023	EA	30 Ton Water Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	42,266.88	2,035.51
23 64 23 00-0024	EA	40 Ton Water Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	51,818.97	2,500.55
23 64 23 00-0025	EA	50 Ton Water Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	57,333.35	2,740.36
23 64 23 00-0026	EA	60 Ton Water Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	60,199.30	3,027.75

23 64 26 Rotary-Screw Water Chillers *(23 64)*

23 64 26 00-0001 Packaged Rotary/Screw Type Air Cooled Chillers *(23 64 26)*

Note: Includes hermetic direct-drive compressors start-up, coil guards, copper fins, copper tubes, factory wired and installed control panel, refrigerant monitor with scanner, audible alarm, and lights, phase monitoring for 3 phase units, 440/460 V motor, motor starters, factory charge of refrigerant and equipment rigging. Units greater than 20 tons include dual compressors.

23 64 26 00-0002	EA	70 Ton Air Cooled Rotary Screw Chiller	89,108.37	4,591.22
		For Aluminum Fins Instead Of Copper, Deduct	*-1,233.38*	
		For 208/230 Volt Motor, Add	*3,289.00*	
23 64 26 00-0003	EA	80 Ton Air Cooled Rotary Screw Chiller	95,784.71	4,983.29
		For Aluminum Fins Instead Of Copper, Deduct	*-1,324.70*	
		For 208/230 Volt Motor, Add	*3,532.54*	
23 64 26 00-0004	EA	90 Ton Air Cooled Rotary Screw Chiller	100,744.11	5,205.65
		For Aluminum Fins Instead Of Copper, Deduct	*-1,394.09*	
		For 208/230 Volt Motor, Add	*3,717.58*	
23 64 26 00-0005	EA	100 Ton Air Cooled Rotary Screw Chiller	104,537.70	5,601.27
		For Aluminum Fins Instead Of Copper, Deduct	*-1,442.10*	
		For 208/230 Volt Motor, Add	*3,845.60*	
23 64 26 00-0006	EA	110 Ton Air Cooled Rotary Screw Chiller	112,144.27	5,871.40
		For Aluminum Fins Instead Of Copper, Deduct	*-1,550.12*	
		For 208/230 Volt Motor, Add	*4,133.67*	
23 64 26 00-0007	EA	120 Ton Air Cooled Rotary Screw Chiller	119,091.66	5,997.08
		For Aluminum Fins Instead Of Copper, Deduct	*-1,651.51*	
		For 208/230 Volt Motor, Add	*4,404.02*	
23 64 26 00-0008	EA	130 Ton Air Cooled Rotary Screw Chiller	125,669.50	6,196.11
		For Aluminum Fins Instead Of Copper, Deduct	*-1,745.70*	
		For 208/230 Volt Motor, Add	*4,655.20*	
23 64 26 00-0009	EA	140 Ton Air Cooled Rotary Screw Chiller	129,674.67	6,336.25
		For Aluminum Fins Instead Of Copper, Deduct	*-1,802.63*	
		For 208/230 Volt Motor, Add	*4,807.00*	
23 64 26 00-0010	EA	160 Ton Air Cooled Rotary Screw Chiller	136,912.19	6,508.31
		For Aluminum Fins Instead Of Copper, Deduct	*-1,907.32*	
		For 208/230 Volt Motor, Add	*5,086.19*	
23 64 26 00-0011	EA	170 Ton Air Cooled Rotary Screw Chiller	142,884.56	6,709.70
		For Aluminum Fins Instead Of Copper, Deduct	*-1,992.38*	
		For 208/230 Volt Motor, Add	*5,313.00*	
23 64 26 00-0012	EA	180 Ton Air Cooled Rotary Screw Chiller	150,638.95	6,975.51
		For Aluminum Fins Instead Of Copper, Deduct	*-2,102.71*	
		For 208/230 Volt Motor, Add	*5,607.24*	
23 64 26 00-0013	EA	200 Ton Air Cooled Rotary Screw Chiller	157,409.23	7,116.34
		For Aluminum Fins Instead Of Copper, Deduct	*-2,201.10*	
		For 208/230 Volt Motor, Add	*5,869.60*	
23 64 26 00-0014	EA	215 Ton Air Cooled Rotary Screw Chiller	168,606.73	7,244.40
		For Aluminum Fins Instead Of Copper, Deduct	*-2,366.18*	
		For 208/230 Volt Motor, Add	*6,309.82*	
23 64 26 00-0015	EA	225 Ton Air Cooled Rotary Screw Chiller	176,043.13	7,310.78
		For Aluminum Fins Instead Of Copper, Deduct	*-2,476.24*	
		For 208/230 Volt Motor, Add	*6,603.30*	
23 64 26 00-0016	EA	240 Ton Air Cooled Rotary Screw Chiller	183,479.75	7,377.16
		For Aluminum Fins Instead Of Copper, Deduct	*-2,586.29*	
		For 208/230 Volt Motor, Add	*6,896.78*	
23 64 26 00-0017	EA	260 Ton Air Cooled Rotary Screw Chiller	205,697.22	7,514.90
		For Aluminum Fins Instead Of Copper, Deduct	*-2,916.46*	
		For 208/230 Volt Motor, Add	*7,777.22*	
23 64 26 00-0018	EA	280 Ton Air Cooled Rotary Screw Chiller	216,917.03	7,657.80
		For Aluminum Fins Instead Of Copper, Deduct	*-3,081.54*	
		For 208/230 Volt Motor, Add	*8,217.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 26 00-0019	EA	300 Ton Air Cooled Rotary Screw Chiller	231,781.32	7,784.73
		For Aluminum Fins Instead Of Copper, Deduct	*-3,301.65*	
		For 208/230 Volt Motor, Add	*8,804.40*	
23 64 26 00-0020	EA	325 Ton Air Cooled Rotary Screw Chiller	253,989.03	7,915.99
		For Aluminum Fins Instead Of Copper, Deduct	*-3,631.82*	
		For 208/230 Volt Motor, Add	*9,684.84*	
23 64 26 00-0021	EA	350 Ton Air Cooled Rotary Screw Chiller	276,683.43	8,011.57
		For Aluminum Fins Instead Of Copper, Deduct	*-3,969.98*	
		For 208/230 Volt Motor, Add	*10,586.62*	

23 64 26 00-0022 Packaged Water Cooled Helical Rotary Chiller *(23 64 26)*

Note: Integral heat exchanger. Rated by cooling capacity in tons. Factory assembled package type includes semi-hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gages, lead-lag switch, compressor unloaders, removable core filter dryer, 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, full factory refrigerant charge, vibration eliminators, NEMA 1 flow switches, wye-delta starter, extended warranty on compressor(s), start-up costs and equipment rigging. Excludes piping and power wiring.

23 64 26 00-0023	EA	70 Ton Water Cooled Rotary Chiller	64,574.52	4,225.02
23 64 26 00-0024	EA	80 Ton Water Cooled Rotary Chiller	70,134.68	4,389.33
23 64 26 00-0025	EA	90 Ton Water Cooled Rotary Chiller	74,961.24	4,506.69
23 64 26 00-0026	EA	100 Ton Water Cooled Rotary Chiller	79,146.69	4,696.81
23 64 26 00-0027	EA	110 Ton Water Cooled Rotary Chiller	83,316.64	4,825.91
23 64 26 00-0028	EA	125 Ton Water Cooled Rotary Chiller	88,398.41	4,961.40
23 64 26 00-0029	EA	130 Ton Water Cooled Rotary Chiller	90,668.93	5,100.06
23 64 26 00-0030	EA	150 Ton Water Cooled Rotary Chiller	98,223.53	5,238.09
23 64 26 00-0031	EA	175 Ton Water Cooled Rotary Chiller	105,567.77	5,367.74
23 64 26 00-0032	EA	190 Ton Water Cooled Rotary Chiller	109,174.39	5,636.17
23 64 26 00-0033	EA	200 Ton Water Cooled Rotary Chiller	111,265.56	5,907.99
23 64 26 00-0034	EA	210 Ton Water Cooled Rotary Chiller	112,778.41	6,034.45
23 64 26 00-0035	EA	235 Ton Water Cooled Rotary Chiller	122,533.45	6,166.46
23 64 26 00-0036	EA	255 Ton Water Cooled Rotary Chiller	130,174.67	6,448.69
23 64 26 00-0037	EA	275 Ton Water Cooled Rotary Chiller	137,403.32	6,709.70
23 64 26 00-0038	EA	300 Ton Water Cooled Rotary Chiller	145,814.23	6,975.51
23 64 26 00-0039	EA	350 Ton Water Cooled Rotary Chiller	160,073.02	7,593.77
23 64 26 00-0040	EA	400 Ton Water Cooled Rotary Chiller	171,764.09	8,352.39
23 64 26 00-0041	EA	450 Ton Water Cooled Rotary Chiller	180,900.98	9,188.00

23 65 Cooling Towers *(23 60)*

23 65 00 00-0001 Cooling Tower Fiberglass Sump Basins *(23 65)*

Note: No cover. Includes 1 inlet sleeve. Excludes excavation, backfill, concrete cut and concrete patch.

23 65 00 00-0002	EA	30" Diameter x 30" Depth Fiberglass Cooling Tower Sump Basin, 92 Gallon Capacity	922.77	
		For Anti-Flotation Flanges, Add	*115.00*	
		For Perforated Basins, Add	*80.00*	
23 65 00 00-0003	EA	30" Diameter x 36" Depth Fiberglass Cooling Tower Sump Basin, 110 Gallon Capacity	1,047.40	
		For Anti-Flotation Flanges, Add	*115.00*	
		For Perforated Basins, Add	*80.00*	
23 65 00 00-0004	EA	36" Diameter x 30" Depth Fiberglass Cooling Tower Sump Basin, 132 Gallon Capacity	1,014.44	
		For Anti-Flotation Flanges, Add	*253.00*	
		For Perforated Basins, Add	*80.00*	
23 65 00 00-0005	EA	36" Diameter x 36" Depth Fiberglass Cooling Tower Sump Basin, 159 Gallon Capacity	1,197.20	
		For Anti-Flotation Flanges, Add	*253.00*	
		For Perforated Basins, Add	*80.00*	
23 65 00 00-0006	EA	42" Diameter x 30" Depth Fiberglass Cooling Tower Sump Basin, 180 Gallon Capacity	1,307.86	
		For Anti-Flotation Flanges, Add	*276.00*	
		For Perforated Basins, Add	*100.00*	
23 65 00 00-0007	EA	42" Diameter x 36" Depth Fiberglass Cooling Tower Sump Basin, 216 Gallon Capacity	1,447.87	
		For Anti-Flotation Flanges, Add	*276.00*	
		For Perforated Basins, Add	*100.00*	
23 65 00 00-0008	EA	42" Diameter x 42" Depth Fiberglass Cooling Tower Sump Basin, 252 Gallon Capacity	1,587.88	
		For Anti-Flotation Flanges, Add	*276.00*	
		For Perforated Basins, Add	*100.00*	
23 65 00 00-0009	EA	48" Diameter x 36" Depth Fiberglass Cooling Tower Sump Basin, 282 Gallon Capacity	1,581.46	
		For Anti-Flotation Flanges, Add	*294.00*	
		For Perforated Basins, Add	*140.00*	
23 65 00 00-0010	EA	48" Diameter x 42" Depth Fiberglass Cooling Tower Sump Basin, 329 Gallon Capacity	1,739.65	
		For Anti-Flotation Flanges, Add	*294.00*	
		For Perforated Basins, Add	*140.00*	
23 65 00 00-0011	EA	48" Diameter x 48" Depth Fiberglass Cooling Tower Sump Basin, 376 Gallon Capacity	1,993.12	
		For Anti-Flotation Flanges, Add	*294.00*	
		For Perforated Basins, Add	*140.00*	
23 65 00 00-0012	EA	48" Diameter x 54" Depth Fiberglass Cooling Tower Sump Basin, 423 Gallon Capacity	2,247.97	
		For Anti-Flotation Flanges, Add	*294.00*	
		For Perforated Basins, Add	*140.00*	
23 65 00 00-0013	EA	48" Diameter x 60" Depth Fiberglass Cooling Tower Sump Basin, 470 Gallon Capacity	2,403.35	
		For Anti-Flotation Flanges, Add	*294.00*	
		For Perforated Basins, Add	*140.00*	

23 65 00 00-0014 Induced Draft Axial Single Flow Propeller Type Cooling Tower *(23 65)*

Note: Includes internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton.

23 65 00 00-0015	EA	10 Ton Propeller Type Cooling Tower, Axial - Single Flow	6,445.24	1,353.88
23 65 00 00-0016	EA	20 Ton Propeller Type Cooling Tower, Axial - Single Flow	7,534.44	1,464.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 00 00-0017	EA	30 Ton Propeller Type Cooling Tower, Axial - Single Flow	8,931.73	1,642.60
23 65 00 00-0018	EA	40 Ton Propeller Type Cooling Tower, Axial - Single Flow	9,903.35	1,811.22
23 65 00 00-0019	EA	50 Ton Propeller Type Cooling Tower, Axial - Single Flow	11,629.80	2,003.97
23 65 00 00-0020	EA	60 Ton Propeller Type Cooling Tower, Axial - Single Flow	13,407.83	2,163.21
23 65 00 00-0021	EA	75 Ton Propeller Type Cooling Tower, Axial - Single Flow	15,367.01	2,443.84
23 65 00 00-0022	EA	100 Ton Propeller Type Cooling Tower, Axial - Single Flow	19,322.90	3,079.85
23 65 00 00-0023	EA	125 Ton Propeller Type Cooling Tower, Axial - Single Flow	21,137.90	3,442.74
23 65 00 00-0024	EA	150 Ton Propeller Type Cooling Tower, Axial - Single Flow	31,205.15	3,879.41
23 65 00 00-0025	EA	200 Ton Propeller Type Cooling Tower, Axial - Single Flow	37,864.83	4,834.93
23 65 00 00-0026	EA	300 Ton Propeller Type Cooling Tower, Axial - Single Flow	50,310.86	7,946.23

23 65 00 00-0027 Induced Draft Double Flow Propeller Type Packaged Cooling Tower *(23 65)*

Note: 3 GPM/ton draft. Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring.

23 65 00 00-0028	EA	100 Ton Propeller Type Cooling Tower, Double Flow	19,322.90	3,079.85
23 65 00 00-0029	EA	150 Ton Propeller Type Cooling Tower, Double Flow	25,570.16	3,879.41
23 65 00 00-0030	EA	200 Ton Propeller Type Cooling Tower, Double Flow	32,410.42	4,834.93
23 65 00 00-0031	EA	250 Ton Propeller Type Cooling Tower, Double Flow	38,711.13	6,060.37
23 65 00 00-0032	EA	300 Ton Propeller Type Cooling Tower, Double Flow	46,586.11	7,946.23
23 65 00 00-0033	EA	350 Ton Propeller Type Cooling Tower, Double Flow	51,996.67	8,946.34
23 65 00 00-0034	EA	400 Ton Propeller Type Cooling Tower, Double Flow	57,864.88	9,814.25
23 65 00 00-0035	EA	450 Ton Propeller Type Cooling Tower, Double Flow	65,377.33	10,868.63
23 65 00 00-0036	EA	500 Ton Propeller Type Cooling Tower, Double Flow	73,368.08	11,794.65
23 65 00 00-0037	EA	550 Ton Propeller Type Cooling Tower, Double Flow	77,190.43	11,586.88
23 65 00 00-0038	EA	600 Ton Propeller Type Cooling Tower, Double Flow	83,612.70	12,768.01
23 65 00 00-0039	EA	700 Ton Propeller Type Cooling Tower, Double Flow	94,378.44	13,686.40
23 65 00 00-0040	EA	800 Ton Propeller Type Cooling Tower, Double Flow	103,576.05	15,092.01
23 65 00 00-0041	EA	900 Ton Propeller Type Cooling Tower, Double Flow	114,382.36	16,619.20

23 65 00 00-0042 Induced Draft Crossflow Film Filled Propeller Type Cooling Tower *(23 65)*

Note: Galvanized Steel. Includes fan, 2-speed motor, geared speed reducer, louvers, drift eliminators, hot water distribution system, cold water collection basin, float valve and access door, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring.

23 65 00 00-0043	EA	10 Ton Induced Draft Cooling Tower	5,626.44	1,354.08
		For Polymer Coating Over Galvanized Components, Add	*539.45*	
23 65 00 00-0044	EA	15 Ton Induced Draft Cooling Tower	6,008.10	1,371.82
		For Polymer Coating Over Galvanized Components, Add	*592.70*	
23 65 00 00-0045	EA	20 Ton Induced Draft Cooling Tower	6,533.10	1,495.47
		For Polymer Coating Over Galvanized Components, Add	*643.64*	
23 65 00 00-0046	EA	25 Ton Induced Draft Cooling Tower	7,502.52	1,565.60
		For Polymer Coating Over Galvanized Components, Add	*773.29*	
23 65 00 00-0047	EA	30 Ton Induced Draft Cooling Tower	8,405.20	1,642.60
		For Polymer Coating Over Galvanized Components, Add	*891.37*	
23 65 00 00-0048	EA	35 Ton Induced Draft Cooling Tower	9,288.82	1,727.56
		For Polymer Coating Over Galvanized Components, Add	*1,004.82*	
23 65 00 00-0049	EA	40 Ton Induced Draft Cooling Tower	10,108.92	1,811.22
		For Polymer Coating Over Galvanized Components, Add	*1,109.00*	
23 65 00 00-0050	EA	45 Ton Induced Draft Cooling Tower	11,016.73	1,902.01
		For Polymer Coating Over Galvanized Components, Add	*1,224.77*	
23 65 00 00-0051	EA	50 Ton Induced Draft Cooling Tower	11,910.46	2,003.97
		For Polymer Coating Over Galvanized Components, Add	*1,335.90*	
23 65 00 00-0052	EA	60 Ton Induced Draft Cooling Tower	13,640.75	2,163.21
		For Polymer Coating Over Galvanized Components, Add	*1,560.48*	
23 65 00 00-0053	EA	70 Ton Induced Draft Cooling Tower	15,517.40	2,330.24
		For Polymer Coating Over Galvanized Components, Add	*1,803.58*	
23 65 00 00-0054	EA	75 Ton Induced Draft Cooling Tower	16,410.50	2,443.84
		For Polymer Coating Over Galvanized Components, Add	*1,912.40*	
23 65 00 00-0055	EA	80 Ton Induced Draft Cooling Tower	17,449.38	2,650.77
		For Polymer Coating Over Galvanized Components, Add	*2,021.21*	
23 65 00 00-0056	EA	90 Ton Induced Draft Cooling Tower	18,249.34	2,856.30
		For Polymer Coating Over Galvanized Components, Add	*2,095.30*	
23 65 00 00-0057	EA	100 Ton Induced Draft Cooling Tower	19,795.80	3,079.85
		For Polymer Coating Over Galvanized Components, Add	*2,227.27*	
23 65 00 00-0058	EA	125 Ton Induced Draft Cooling Tower	20,795.35	3,442.74
		For Polymer Coating Over Galvanized Components, Add	*2,289.78*	
23 65 00 00-0059	EA	150 Ton Induced Draft Cooling Tower	24,059.01	3,879.41
		For Polymer Coating Over Galvanized Components, Add	*2,674.11*	
23 65 00 00-0060	EA	175 Ton Induced Draft Cooling Tower	26,620.74	4,340.31
		For Polymer Coating Over Galvanized Components, Add	*2,947.31*	
23 65 00 00-0061	EA	200 Ton Induced Draft Cooling Tower	28,233.39	4,834.93
		For Polymer Coating Over Galvanized Components, Add	*3,070.02*	
23 65 00 00-0062	EA	225 Ton Induced Draft Cooling Tower	32,535.50	5,456.85
		For Polymer Coating Over Galvanized Components, Add	*3,565.49*	
23 65 00 00-0063	EA	250 Ton Induced Draft Cooling Tower	35,727.60	6,060.37
		For Polymer Coating Over Galvanized Components, Add	*3,898.88*	
23 65 00 00-0064	EA	275 Ton Induced Draft Cooling Tower	38,755.09	7,166.76
		For Polymer Coating Over Galvanized Components, Add	*4,086.42*	
23 65 00 00-0065	EA	300 Ton Induced Draft Cooling Tower	41,982.86	7,946.23
		For Polymer Coating Over Galvanized Components, Add	*4,382.77*	
23 65 00 00-0066	EA	350 Ton Induced Draft Cooling Tower	47,880.19	8,946.34
		For Polymer Coating Over Galvanized Components, Add	*5,026.41*	
23 65 00 00-0067	EA	400 Ton Induced Draft Cooling Tower	52,747.25	9,814.25
		For Polymer Coating Over Galvanized Components, Add	*5,547.34*	
23 65 00 00-0068	EA	450 Ton Induced Draft Cooling Tower	58,315.19	10,868.63
		For Polymer Coating Over Galvanized Components, Add	*6,128.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 00 00-0069	EA	500 Ton Induced Draft Cooling Tower	63,507.11	11,794.65
		For Polymer Coating Over Galvanized Components, Add	*6,684.13*	
23 65 00 00-0070	EA	600 Ton Induced Draft Cooling Tower	72,016.40	12,768.01
		For Polymer Coating Over Galvanized Components, Add	*7,725.99*	
23 65 00 00-0071	EA	700 Ton Induced Draft Cooling Tower	80,404.58	13,686.40
		For Polymer Coating Over Galvanized Components, Add	*8,839.62*	
23 65 00 00-0072	EA	800 Ton Induced Draft Cooling Tower	89,710.09	15,092.01
		For Polymer Coating Over Galvanized Components, Add	*9,904.64*	
23 65 00 00-0073	EA	900 Ton Induced Draft Cooling Tower	98,866.73	16,619.20
		For Polymer Coating Over Galvanized Components, Add	*10,918.72*	
23 65 00 00-0074	EA	1000 Ton Induced Draft Cooling Tower	108,047.89	18,368.63
		For Polymer Coating Over Galvanized Components, Add	*11,884.18*	
23 65 00 00-0075	EA	1100 Ton Induced Draft Cooling Tower	117,573.44	19,255.37
		For Polymer Coating Over Galvanized Components, Add	*13,104.32*	
23 65 00 00-0076	EA	1200 Ton Induced Draft Cooling Tower	126,733.95	20,086.52
		For Polymer Coating Over Galvanized Components, Add	*14,282.78*	
23 65 00 00-0077	EA	1300 Ton Induced Draft Cooling Tower	135,168.69	21,812.69
		For Polymer Coating Over Galvanized Components, Add	*15,141.74*	
23 65 00 00-0078	EA	1400 Ton Induced Draft Cooling Tower	143,471.26	23,661.23
		For Polymer Coating Over Galvanized Components, Add	*15,952.07*	
23 65 00 00-0079	EA	1500 Ton Induced Draft Cooling Tower	151,614.66	25,614.90
		For Polymer Coating Over Galvanized Components, Add	*16,713.79*	
23 65 00 00-0080	EA	1600 Ton Induced Draft Cooling Tower	159,095.88	27,372.80
		For Polymer Coating Over Galvanized Components, Add	*17,422.26*	
23 65 00 00-0081	EA	1700 Ton Induced Draft Cooling Tower	166,643.97	29,389.75
		For Polymer Coating Over Galvanized Components, Add	*18,079.79*	
23 65 00 00-0082	EA	1800 Ton Induced Draft Cooling Tower	182,231.39	36,737.26
		For Polymer Coating Over Galvanized Components, Add	*18,688.70*	
23 65 00 00-0083	EA	1900 Ton Induced Draft Cooling Tower	181,718.22	34,049.10
		For Polymer Coating Over Galvanized Components, Add	*19,244.36*	
23 65 00 00-0084	EA	2000 Ton Induced Draft Cooling Tower	190,084.58	37,227.01
		For Polymer Coating Over Galvanized Components, Add	*19,751.40*	

23 65 00 00-0085 Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower *(23 65)*

Note: Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton.

23 65 00 00-0086	EA	5 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	2,501.12	743.60
23 65 00 00-0087	EA	8 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	2,856.29	929.50
23 65 00 00-0088	EA	10 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	3,404.22	1,053.44
23 65 00 00-0089	EA	15 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	3,890.50	1,146.39
23 65 00 00-0090	EA	20 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	4,898.63	1,239.34
23 65 00 00-0091	EA	25 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	5,270.17	1,363.27
23 65 00 00-0092	EA	30 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	5,964.62	1,768.59
23 65 00 00-0093	EA	40 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	6,778.37	1,611.61
23 65 00 00-0094	EA	50 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	7,668.39	1,859.48
23 65 00 00-0095	EA	60 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	8,643.17	2,075.89
23 65 00 00-0096	EA	70 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	9,927.82	2,292.97
23 65 00 00-0097	EA	80 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	11,692.96	2,911.23
23 65 00 00-0098	EA	100 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	13,690.72	3,286.12
23 65 00 00-0099	EA	125 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	16,518.01	3,643.66
23 65 00 00-0100	EA	150 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	18,099.55	3,820.45
23 65 00 00-0101	EA	175 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	21,202.70	3,996.87
23 65 00 00-0102	EA	200 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	23,195.93	4,175.06
23 65 00 00-0103	EA	225 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	25,137.77	4,356.27
23 65 00 00-0104	EA	250 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	27,263.01	4,709.48
23 65 00 00-0105	EA	300 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	31,521.41	5,254.80
23 65 00 00-0106	EA	350 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	35,617.94	5,806.30
23 65 00 00-0107	EA	400 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	40,386.44	6,878.33
23 65 00 00-0108	EA	500 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	48,574.06	7,993.73
23 65 00 00-0109	EA	600 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	55,243.40	8,661.28
23 65 00 00-0110	EA	700 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	62,802.40	10,177.70
23 65 00 00-0111	EA	800 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	69,328.82	11,375.07
23 65 00 00-0112	EA	1000 Ton Propeller Type Cooling Tower, Fiberglass Draw-Thru	81,447.60	12,572.45

23 65 00 00-0113 Stainless Steel Packaged Propeller Type Cooling Tower *(23 65)*

Note: Including internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 79 degree F wet Bulb. 3 GPM/ton.

23 65 00 00-0114 Draw-Thru Stainless Steel Propeller Type Cooling Tower *(23 65 00 00-0113)*

23 65 00 00-0115	EA	50 Ton Propeller Type Cooling Tower, Stainless Steel, Draw-Thru	15,198.93	2,003.97
23 65 00 00-0116	EA	75 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	21,200.29	2,443.84
23 65 00 00-0117	EA	100 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	25,403.38	3,079.85
23 65 00 00-0118	EA	125 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	28,747.31	3,442.74
23 65 00 00-0119	EA	150 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	31,645.83	3,879.41
23 65 00 00-0120	EA	200 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	38,139.01	4,834.93
23 65 00 00-0121	EA	250 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	45,280.72	6,060.37
23 65 00 00-0122	EA	300 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	54,489.88	7,946.23
23 65 00 00-0123	EA	350 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	59,917.00	8,946.34
23 65 00 00-0124	EA	400 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	67,582.93	9,814.25
23 65 00 00-0125	EA	500 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	78,785.82	11,794.65
23 65 00 00-0126	EA	600 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	88,356.94	12,768.01
23 65 00 00-0127	EA	750 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	108,513.85	14,389.25
23 65 00 00-0128	EA	1000 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	137,231.79	18,173.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 00 00-0129		**Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower** *(23 65 00 00-0113)*		
23 65 00 00-0130	EA	100 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft	34,708.95	3,079.85
		For Induced Draft Counter Flow Type, Add	*1,488.08*	
23 65 00 00-0131	EA	125 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft	39,290.09	3,411.75
		For Induced Draft Counter Flow Type, Add	*1,688.00*	
23 65 00 00-0132	EA	150 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft	43,064.32	3,879.41
		For Induced Draft Counter Flow Type, Add	*1,841.64*	
23 65 00 00-0133	EA	200 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft	48,424.69	4,834.93
		For Induced Draft Counter Flow Type, Add	*2,032.91*	
23 65 00 00-0134	EA	250 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft	55,471.35	6,060.37
		For Induced Draft Counter Flow Type, Add	*2,286.81*	
23 65 00 00-0135	EA	300 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft	64,738.16	7,946.23
		For Induced Draft Counter Flow Type, Add	*2,598.69*	
23 65 00 00-0136	EA	350 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft	70,838.42	8,946.34
		For Induced Draft Counter Flow Type, Add	*2,823.38*	
23 65 00 00-0137	EA	400 Ton Propeller Type Cooling Tower, Stainless Steel Induced draft	76,726.45	9,814.25
		For Induced Draft Counter Flow Type, Add	*3,048.07*	
23 65 00 00-0138	EA	500 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft	89,052.80	11,794.65
		For Induced Draft Counter Flow Type, Add	*3,505.33*	
23 65 00 00-0139	EA	600 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft	99,996.57	12,768.01
		For Induced Draft Counter Flow Type, Add	*3,974.34*	
23 65 00 00-0140	EA	750 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft	123,052.27	14,389.25
		For Induced Draft Counter Flow Type, Add	*4,963.90*	
23 65 00 00-0141	EA	1000 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft	158,348.06	18,368.63
		For Induced Draft Counter Flow Type, Add	*6,476.40*	
23 65 00 00-0142		**Belt Driven Stainless Steel Propeller Type Cooling Tower** *(23 65 00 00-0113)*		
23 65 00 00-0143	EA	100 Ton Propeller Type Cooling Tower, Stainless Steel Belt Driven	26,324.28	3,079.85
23 65 00 00-0144	EA	125 Ton Propeller Type Cooling Tower, Stainless Steel Belt Driven	28,603.96	3,442.74
23 65 00 00-0145	EA	150 Ton Propeller Type Cooling Tower, Stainless Steel Belt Driven	31,003.85	3,879.41
23 65 00 00-0146	EA	200 Ton Propeller Type Cooling Tower, Stainless Steel Belt Driven	36,925.18	4,834.93
23 65 00 00-0147	EA	250 Ton Propeller Type Cooling Tower, Stainless Steel Belt Driven	41,480.27	6,057.55
23 65 00 00-0148		**Blow-Thru Centrifugal Fan Type Cooling Tower** *(23 65)* Note: Including 2-speed motor internal piping, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Design temperature 95 degree F in, 85 degree F out.		
23 65 00 00-0149	EA	50 Ton Centrifugal Type Cooling Tower	12,143.22	2,003.97
		For Stainless Steel Cooling Tower, Add	*5,483.26*	
23 65 00 00-0150	EA	75 Ton Centrifugal Type Cooling Tower	16,496.52	2,443.84
		For Stainless Steel Cooling Tower, Add	*7,701.20*	
23 65 00 00-0151	EA	100 Ton Centrifugal Type Cooling Tower	20,863.14	3,079.85
		For Stainless Steel Cooling Tower, Add	*9,549.49*	
23 65 00 00-0152	EA	125 Ton Centrifugal Type Cooling Tower	23,973.89	3,442.74
		For Stainless Steel Cooling Tower, Add	*11,066.26*	
23 65 00 00-0153	EA	150 Ton Centrifugal Type Cooling Tower	27,354.88	3,879.41
		For Stainless Steel Cooling Tower, Add	*12,673.97*	
23 65 00 00-0154	EA	175 Ton Centrifugal Type Cooling Tower	30,735.68	4,340.31
		For Stainless Steel Cooling Tower, Add	*14,258.22*	
23 65 00 00-0155	EA	200 Ton Centrifugal Type Cooling Tower	34,464.07	4,834.93
		For Stainless Steel Cooling Tower, Add	*16,018.49*	
23 65 00 00-0156	EA	225 Ton Centrifugal Type Cooling Tower	37,810.13	5,456.85
		For Stainless Steel Cooling Tower, Add	*17,426.72*	
23 65 00 00-0157	EA	250 Ton Centrifugal Type Cooling Tower	41,283.09	6,060.37
		For Stainless Steel Cooling Tower, Add	*18,928.82*	
23 65 00 00-0158	EA	275 Ton Centrifugal Type Cooling Tower	45,642.07	7,166.76
		For Stainless Steel Cooling Tower, Add	*20,477.86*	
23 65 00 00-0159	EA	300 Ton Centrifugal Type Cooling Tower	49,730.16	7,946.23
		For Stainless Steel Cooling Tower, Add	*22,179.46*	
23 65 00 00-0160	EA	325 Ton Centrifugal Type Cooling Tower	52,441.68	8,446.28
		For Stainless Steel Cooling Tower, Add	*23,352.97*	
23 65 00 00-0161	EA	350 Ton Centrifugal Type Cooling Tower	55,590.57	8,946.34
		For Stainless Steel Cooling Tower, Add	*24,731.86*	
23 65 00 00-0162	EA	375 Ton Centrifugal Type Cooling Tower	58,585.71	9,380.48
		For Stainless Steel Cooling Tower, Add	*26,110.73*	
23 65 00 00-0163	EA	400 Ton Centrifugal Type Cooling Tower	61,972.19	9,814.25
		For Stainless Steel Cooling Tower, Add	*27,724.32*	
23 65 00 00-0164	EA	425 Ton Centrifugal Type Cooling Tower	65,606.00	10,341.91
		For Stainless Steel Cooling Tower, Add	*29,396.58*	
23 65 00 00-0165	EA	450 Ton Centrifugal Type Cooling Tower	69,680.22	10,868.63
		For Stainless Steel Cooling Tower, Add	*31,332.88*	
23 65 00 00-0166	EA	475 Ton Centrifugal Type Cooling Tower	73,602.39	11,331.50
		For Stainless Steel Cooling Tower, Add	*33,239.84*	
23 65 00 00-0167	EA	500 Ton Centrifugal Type Cooling Tower	77,524.29	11,794.65
		For Stainless Steel Cooling Tower, Add	*35,146.81*	
23 65 00 00-0168	EA	550 Ton Centrifugal Type Cooling Tower	84,662.89	12,281.85
		For Stainless Steel Cooling Tower, Add	*38,960.74*	
23 65 00 00-0169	EA	600 Ton Centrifugal Type Cooling Tower	92,387.67	12,768.01
		For Stainless Steel Cooling Tower, Add	*43,126.72*	
23 65 00 00-0170	EA	650 Ton Centrifugal Type Cooling Tower	95,422.51	13,034.65
		For Stainless Steel Cooling Tower, Add	*44,887.00*	
23 65 00 00-0171	EA	700 Ton Centrifugal Type Cooling Tower	99,805.96	13,686.40
		For Stainless Steel Cooling Tower, Add	*46,999.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 00 00-0172	EA	750 Ton Centrifugal Type Cooling Tower	104,526.54	14,389.25
		For Stainless Steel Cooling Tower, Add	*49,170.33*	
23 65 00 00-0173	EA	800 Ton Centrifugal Type Cooling Tower	109,932.60	15,092.01
		For Stainless Steel Cooling Tower, Add	*51,752.06*	
23 65 00 00-0174	EA	850 Ton Centrifugal Type Cooling Tower	115,433.63	15,855.60
		For Stainless Steel Cooling Tower, Add	*54,333.80*	
23 65 00 00-0175	EA	900 Ton Centrifugal Type Cooling Tower	121,716.84	16,619.20
		For Stainless Steel Cooling Tower, Add	*57,384.94*	
23 65 00 00-0176	EA	950 Ton Centrifugal Type Cooling Tower	128,273.97	17,494.35
		For Stainless Steel Cooling Tower, Add	*60,494.76*	
23 65 00 00-0177	EA	1000 Ton Centrifugal Type Cooling Tower	135,610.00	18,368.63
		For Stainless Steel Cooling Tower, Add	*64,073.98*	

23 70 Central HVAC Equipment *(23)*

Note: New air filters shall be provided on HVAC equipment prior to turning over to owner. Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0009 for electrical connection and termination, 26 05 83 00-0129 for terminations, 26 28 16 00-0001 for disconnect.

23 71 Thermal Storage *(23 70)*

23 71 13 Thermal Heat Storage *(23 71)*

23 71 13 23 Pressurized-Water Thermal Storage Tanks *(23 71 13)*

23 71 13 23-0001 Nickelshield Storage Tanks *(23 71 13 23)*

23 71 13 23-0002	EA	325 Gallon Nickelshield Storage Tank	15,482.06	173.76
23 71 13 23-0003	EA	490 Gallon Nickelshield Storage Tank	21,598.28	230.37
23 71 13 23-0004	EA	605 Gallon Nickelshield Storage Tank	24,735.27	278.64
23 71 13 23-0005	EA	740 Gallon Nickelshield Storage Tank	29,297.34	348.30
23 71 13 23-0006	EA	940 Gallon Nickelshield Storage Tank	34,118.20	463.00
23 71 13 23-0007	EA	1505 Gallon Nickelshield Storage Tank	44,137.84	696.67
23 71 13 23-0008	EA	1615 Gallon Nickelshield Storage Tank	49,841.88	784.68
23 71 13 23-0009	EA	2275 Gallon Nickelshield Storage Tank	68,426.38	1,042.27
23 71 13 23-0010	EA	3815 Gallon Nickelshield Storage Tank	88,460.92	1,211.68

23 72 Air-To-Air Energy Recovery Equipment *(23 70)*

23 72 13 Heat-Wheel Air-To-Air Energy-Recovery Equipment *(23 72)*

23 72 13 00-0001 Enthalpy Recovery Wheel *(23 72 13)*

23 72 13 00-0002	EA	Up To 1000 CFM Enthalpy Recovery Wheel	5,850.45	688.37
23 72 13 00-0003	EA	>1000 To 2000 CFM Enthalpy Recovery Wheel	6,547.80	826.25
23 72 13 00-0004	EA	>2000 To 4000 CFM Enthalpy Recovery Wheel	8,192.19	1,032.81
23 72 13 00-0005	EA	>4000 To 6000 CFM Enthalpy Recovery Wheel	9,556.47	1,179.98
23 72 13 00-0006	EA	>6000 To 8000 CFM Enthalpy Recovery Wheel	10,517.06	1,239.37
23 72 13 00-0007	EA	>8000 To 10000 CFM Enthalpy Recovery Wheel	12,671.91	1,377.25
23 72 13 00-0008	EA	>10000 To 15000 CFM Enthalpy Recovery Wheel	16,506.03	1,445.93
23 72 13 00-0009	EA	>15000 To 20000 CFM Enthalpy Recovery Wheel	20,344.85	1,549.21
23 72 13 00-0010	EA	>20000 To 25000 CFM Enthalpy Recovery Wheel	24,547.27	1,770.23
23 72 13 00-0011	EA	>25000 To 30000 CFM Enthalpy Recovery Wheel	27,755.50	2,272.18
23 72 13 00-0012	EA	>30000 To 40000 CFM Enthalpy Recovery Wheel	36,801.81	2,582.02
23 72 13 00-0013	EA	>40000 To 50000 CFM Enthalpy Recovery Wheel	43,794.17	3,098.43

23 72 16 Heat-Pipe Air-To-Air Energy-Recovery Equipment *(23 72)*

23 72 16 00-0001 Glycol Heat Pipe Type, 50 Percent Efficient *(23 72 16)*

23 72 16 00-0002	EA	100 MBH, 1700 CFM Glycol Heat Recovery Unit	9,928.49	516.40
23 72 16 00-0003	EA	160 MBH, 2700 CFM Glycol Heat Recovery Unit	15,505.52	688.57
23 72 16 00-0004	EA	620 MBH, 4000 CFM Glycol Heat Recovery Unit	22,996.63	1,032.81

23 73 Indoor Central-Station Air-Handling Units *(23 70)*

23 73 13 Modular Indoor Central-Station Air-Handling Units *(23 73)*

Note: Sized by CFM. Includes motor drive vibration isolators. Use modifiers for Filters and heating and cooling coils. Includes double wall insulated casing, fan section, fan motor, internal dampers, starter, vibration isolators and equipment rigging. Variable speed drives are included on units with 10 HP or greater fans. Modifiers include cooling coil sections with 6 row aluminum fin coil and drain pan, heating coil section with 1 row aluminum fin coil, and filter section with replaceable filters.

23 73 13 00-0001 Single Zone Units *(23 73 13)*

Note: Horizontal/vertical draw-thru fan, motor and cabinet.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0002	EA	300 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	1,544.56	419.72
		For Flat Filter Box And Throwaway Filters, Add	*124.48*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*230.96*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*343.45*	
		For Manual Roll Filter, Add	*579.69*	
		For Automatic Roll Filter, Add	*626.94*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*296.20*	
		For Electric Heating Coil, Add	*485.19*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*485.19*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*437.94*	
		For Steam Heating Coil, Aluminum Fins, Add	*390.70*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*313.47*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*579.69*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*532.44*	
		For Hot Water Heating Coil, Copper Fins, Add	*390.70*	
		For Variable Air Volume, Add	*132.29*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,059.72*	
		For 2 Coils, Independent Circuits, Add	*173.36*	
23 73 13 00-0003	EA	500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	2,390.79	503.66
		For Flat Filter Box And Throwaway Filters, Add	*203.13*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*384.70*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*573.45*	
		For Manual Roll Filter, Add	*991.41*	
		For Automatic Roll Filter, Add	*1,075.00*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*489.86*	
		For Electric Heating Coil, Add	*824.23*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*824.23*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*740.63*	
		For Steam Heating Coil, Aluminum Fins, Add	*657.04*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*537.50*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*991.41*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*907.82*	
		For Hot Water Heating Coil, Copper Fins, Add	*657.04*	
		For Variable Air Volume, Add	*234.06*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,143.26*	
		For 2 Coils, Independent Circuits, Add	*272.52*	
23 73 13 00-0004	EA	800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	2,694.03	540.91
		For Flat Filter Box And Throwaway Filters, Add	*230.77*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*438.36*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*653.67*	
		For Manual Roll Filter, Add	*1,134.01*	
		For Automatic Roll Filter, Add	*1,230.08*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*557.61*	
		For Electric Heating Coil, Add	*941.88*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*941.88*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*845.81*	
		For Steam Heating Coil, Aluminum Fins, Add	*749.74*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*615.04*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,134.01*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,037.94*	
		For Hot Water Heating Coil, Copper Fins, Add	*749.74*	
		For Variable Air Volume, Add	*268.99*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,180.88*	
		For 2 Coils, Independent Circuits, Add	*307.83*	
23 73 13 00-0005	EA	1000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	3,030.78	581.23
		For Flat Filter Box And Throwaway Filters, Add	*261.55*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*498.19*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*743.14*	
		For Manual Roll Filter, Add	*1,293.22*	
		For Automatic Roll Filter, Add	*1,403.23*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*633.12*	
		For Electric Heating Coil, Add	*1,073.19*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,073.19*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*963.17*	
		For Steam Heating Coil, Aluminum Fins, Add	*853.16*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*701.62*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,293.22*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,183.20*	
		For Hot Water Heating Coil, Copper Fins, Add	*853.16*	
		For Variable Air Volume, Add	*308.04*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,221.33*	
		For 2 Coils, Independent Circuits, Add	*347.08*	
23 73 13 00-0006	EA	1200 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	3,426.55	625.30
		For Flat Filter Box And Throwaway Filters, Add	*298.04*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*569.32*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*849.51*	
		For Manual Roll Filter, Add	*1,483.09*	
		For Automatic Roll Filter, Add	*1,609.80*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*722.80*	
		For Electric Heating Coil, Add	*1,229.66*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,229.66*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,102.94*	
		For Steam Heating Coil, Aluminum Fins, Add	*976.23*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*804.90*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,483.09*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,356.37*	
		For Hot Water Heating Coil, Copper Fins, Add	*976.23*	
		For Variable Air Volume, Add	*354.80*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,264.58*	
		For 2 Coils, Independent Circuits, Add	*393.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0007	EA	1400 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	3,887.17	672.00
		For Flat Filter Box And Throwaway Filters, Add	*340.72*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*652.64*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*974.16*	
		For Manual Roll Filter, Add	*1,705.96*	
		For Automatic Roll Filter, Add	*1,852.32*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*827.80*	
		For Electric Heating Coil, Add	*1,413.24*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,413.24*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,266.88*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,120.52*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*926.16*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,705.96*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,559.60*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,120.52*	
		For Variable Air Volume, Add	*409.81*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,311.98*	
		For 2 Coils, Independent Circuits, Add	*447.26*	
23 73 13 00-0008	EA	1600 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,251.77	722.44
		For Flat Filter Box And Throwaway Filters, Add	*373.68*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*716.47*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,069.56*	
		For Manual Roll Filter, Add	*1,875.03*	
		For Automatic Roll Filter, Add	*2,036.12*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*908.46*	
		For Electric Heating Coil, Add	*1,552.84*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,552.84*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,391.74*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,230.65*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,018.06*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,875.03*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,713.93*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,230.65*	
		For Variable Air Volume, Add	*451.06*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,360.92*	
		For 2 Coils, Independent Circuits, Add	*489.61*	
23 73 13 00-0009	EA	1800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,648.23	778.58
		For Flat Filter Box And Throwaway Filters, Add	*409.22*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*785.08*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,172.07*	
		For Manual Roll Filter, Add	*2,056.12*	
		For Automatic Roll Filter, Add	*2,232.93*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*995.26*	
		For Electric Heating Coil, Add	*1,702.50*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,702.50*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,525.69*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,348.88*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,116.47*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,056.12*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,879.31*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,348.88*	
		For Variable Air Volume, Add	*495.07*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,361.61*	
		For 2 Coils, Independent Circuits, Add	*535.55*	
23 73 13 00-0010	EA	2000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,082.35	834.71
		For Flat Filter Box And Throwaway Filters, Add	*448.61*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*861.44*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,286.20*	
		For Manual Roll Filter, Add	*2,258.66*	
		For Automatic Roll Filter, Add	*2,453.16*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,091.71*	
		For Electric Heating Coil, Add	*1,869.68*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,869.68*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,675.19*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,480.70*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,226.58*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,258.66*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,064.17*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,480.70*	
		For Variable Air Volume, Add	*544.58*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,405.88*	
		For 2 Coils, Independent Circuits, Add	*586.03*	
23 73 13 00-0011	EA	2250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,485.91	897.23
		For Flat Filter Box And Throwaway Filters, Add	*484.50*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*930.56*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,389.43*	
		For Manual Roll Filter, Add	*2,440.47*	
		For Automatic Roll Filter, Add	*2,650.68*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,179.22*	
		For Electric Heating Coil, Add	*2,020.05*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,020.05*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,809.84*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,599.63*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,325.34*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,440.47*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,230.26*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,599.63*	
		For Variable Air Volume, Add	*588.58*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,454.96*	
		For 2 Coils, Independent Circuits, Add	*632.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0012	EA	2500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,917.17	965.43
		For Flat Filter Box And Throwaway Filters, Add	*522.77*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,004.16*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,499.35*	
		For Manual Roll Filter, Add	*2,633.88*	
		For Automatic Roll Filter, Add	*2,860.79*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,272.44*	
		For Electric Heating Coil, Add	*2,180.07*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,180.07*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,953.16*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,726.25*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,430.40*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,633.88*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,406.98*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,726.25*	
		For Variable Air Volume, Add	*635.34*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,508.46*	
		For 2 Coils, Independent Circuits, Add	*682.48*	
23 73 13 00-0013	EA	3000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	6,881.05	1,117.50
		For Flat Filter Box And Throwaway Filters, Add	*608.29*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,168.68*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,745.04*	
		For Manual Roll Filter, Add	*3,066.21*	
		For Automatic Roll Filter, Add	*3,330.45*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,480.81*	
		For Electric Heating Coil, Add	*2,537.74*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,537.74*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,273.51*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,009.28*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,665.22*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,066.21*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,801.98*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,009.28*	
		For Variable Air Volume, Add	*739.86*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,628.00*	
		For 2 Coils, Independent Circuits, Add	*793.80*	
23 73 13 00-0014	EA	3250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,216.87	1,200.92
		For Flat Filter Box And Throwaway Filters, Add	*635.88*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,220.28*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,821.85*	
		For Manual Roll Filter, Add	*3,197.04*	
		For Automatic Roll Filter, Add	*3,472.08*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,546.81*	
		For Electric Heating Coil, Add	*2,646.96*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,646.96*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,371.92*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,096.88*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,736.04*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,197.04*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,922.00*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,096.88*	
		For Variable Air Volume, Add	*770.11*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,693.84*	
		For 2 Coils, Independent Circuits, Add	*831.70*	
23 73 13 00-0015	EA	3500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,560.67	1,290.63
		For Flat Filter Box And Throwaway Filters, Add	*663.88*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,272.44*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,899.45*	
		For Manual Roll Filter, Add	*3,328.67*	
		For Automatic Roll Filter, Add	*3,614.51*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,613.60*	
		For Electric Heating Coil, Add	*2,756.98*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,756.98*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,471.13*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,185.29*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,807.26*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,328.67*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,042.82*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,185.29*	
		For Variable Air Volume, Add	*800.36*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,764.08*	
		For 2 Coils, Independent Circuits, Add	*870.40*	
23 73 13 00-0016	EA	4000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	8,317.63	1,490.00
		For Flat Filter Box And Throwaway Filters, Add	*725.30*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,386.72*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,069.44*	
		For Manual Roll Filter, Add	*3,616.53*	
		For Automatic Roll Filter, Add	*3,925.95*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,760.02*	
		For Electric Heating Coil, Add	*2,997.70*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,997.70*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,688.28*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,378.86*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,962.98*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,616.53*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,307.12*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,378.86*	
		For Variable Air Volume, Add	*866.37*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,791.70*	
		For 2 Coils, Independent Circuits, Add	*955.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0017	EA	4500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	8,317.63	1,490.00
		For Flat Filter Box And Throwaway Filters, Add	*725.30*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,386.72*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,069.44*	
		For Manual Roll Filter, Add	*3,616.53*	
		For Automatic Roll Filter, Add	*3,925.95*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,760.02*	
		For Electric Heating Coil, Add	*2,997.70*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,997.70*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,688.28*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,378.86*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,962.98*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,616.53*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,307.12*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,378.86*	
		For Variable Air Volume, Add	*866.37*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,791.70*	
		For 2 Coils, Independent Circuits, Add	*955.53*	
23 73 13 00-0018	EA	5000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	9,144.51	1,711.40
		For Flat Filter Box And Throwaway Filters, Add	*792.18*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,511.01*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,254.29*	
		For Manual Roll Filter, Add	*3,929.08*	
		For Automatic Roll Filter, Add	*4,264.04*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,919.33*	
		For Electric Heating Coil, Add	*3,259.16*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,259.16*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,924.20*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,589.24*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,132.02*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,929.08*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,594.12*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,589.24*	
		For Variable Air Volume, Add	*937.88*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,918.14*	
		For 2 Coils, Independent Circuits, Add	*1,048.43*	
23 73 13 00-0019	EA	5500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	9,627.30	1,856.72
		For Flat Filter Box And Throwaway Filters, Add	*830.08*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,580.56*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,357.57*	
		For Manual Roll Filter, Add	*4,101.12*	
		For Automatic Roll Filter, Add	*4,449.84*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,008.86*	
		For Electric Heating Coil, Add	*3,403.70*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,403.70*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,054.99*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,706.28*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,224.92*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,101.12*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,752.41*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,706.28*	
		For Variable Air Volume, Add	*976.39*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,001.24*	
		For 2 Coils, Independent Circuits, Add	*1,102.21*	
23 73 13 00-0020	EA	6000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	10,099.04	1,994.71
		For Flat Filter Box And Throwaway Filters, Add	*867.41*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,649.34*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,459.75*	
		For Manual Roll Filter, Add	*4,272.07*	
		For Automatic Roll Filter, Add	*4,634.53*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,097.29*	
		For Electric Heating Coil, Add	*3,547.14*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,547.14*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,184.68*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,822.22*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,317.26*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,272.07*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,909.60*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,822.22*	
		For Variable Air Volume, Add	*1,014.90*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,079.92*	
		For 2 Coils, Independent Circuits, Add	*1,154.89*	
23 73 13 00-0021	EA	6500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	10,574.12	2,135.31
		For Flat Filter Box And Throwaway Filters, Add	*904.92*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,718.35*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,562.27*	
		For Manual Roll Filter, Add	*4,443.34*	
		For Automatic Roll Filter, Add	*4,819.56*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,186.06*	
		For Electric Heating Coil, Add	*3,690.91*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,690.91*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,314.70*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,938.48*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,409.78*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,443.34*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,067.13*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,938.48*	
		For Variable Air Volume, Add	*1,053.40*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,159.93*	
		For 2 Coils, Independent Circuits, Add	*1,207.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0022	EA	7000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	11,122.29	2,298.48
		For Flat Filter Box And Throwaway Filters, Add	*948.05*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,797.58*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,679.95*	
		For Manual Roll Filter, Add	*4,639.61*	
		For Automatic Roll Filter, Add	*5,031.54*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,288.02*	
		For Electric Heating Coil, Add	*3,855.75*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,855.75*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,463.82*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,071.88*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,515.77*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,639.61*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,247.68*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,071.88*	
		For Variable Air Volume, Add	*1,097.41*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,253.47*	
		For 2 Coils, Independent Circuits, Add	*1,269.00*	
23 73 13 00-0023	EA	7500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	11,679.99	2,462.69
		For Flat Filter Box And Throwaway Filters, Add	*991.65*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,877.48*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,798.59*	
		For Manual Roll Filter, Add	*4,836.83*	
		For Automatic Roll Filter, Add	*5,244.47*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,390.94*	
		For Electric Heating Coil, Add	*4,021.53*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,021.53*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,613.88*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,206.24*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,622.24*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,836.83*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,429.18*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,206.24*	
		For Variable Air Volume, Add	*1,141.41*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,238.11*	
		For 2 Coils, Independent Circuits, Add	*1,331.06*	
23 73 13 00-0024	EA	8000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	12,257.40	2,652.02
		For Flat Filter Box And Throwaway Filters, Add	*1,036.23*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,958.76*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,919.20*	
		For Manual Roll Filter, Add	*5,036.02*	
		For Automatic Roll Filter, Add	*5,459.38*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,495.83*	
		For Electric Heating Coil, Add	*4,189.29*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,189.29*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,765.92*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,342.56*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,729.69*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,036.02*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,612.65*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,342.56*	
		For Variable Air Volume, Add	*1,185.42*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,317.04*	
		For 2 Coils, Independent Circuits, Add	*1,395.09*	
23 73 13 00-0025	EA	9000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	12,916.51	2,872.97
		For Flat Filter Box And Throwaway Filters, Add	*1,086.87*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,050.87*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,055.83*	
		For Manual Roll Filter, Add	*5,261.06*	
		For Automatic Roll Filter, Add	*5,702.10*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,614.79*	
		For Electric Heating Coil, Add	*4,378.97*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,378.97*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,937.92*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,496.88*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,851.05*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,261.06*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,820.01*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,496.88*	
		For Variable Air Volume, Add	*1,234.93*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,408.68*	
		For 2 Coils, Independent Circuits, Add	*1,468.07*	
23 73 13 00-0026	EA	10000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	13,557.55	3,067.39
		For Flat Filter Box And Throwaway Filters, Add	*1,136.60*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,141.72*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,190.66*	
		For Manual Roll Filter, Add	*5,484.29*	
		For Automatic Roll Filter, Add	*5,943.02*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,731.93*	
		For Electric Heating Coil, Add	*4,566.84*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,566.84*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,108.11*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,649.39*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,971.51*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,484.29*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,025.57*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,649.39*	
		For Variable Air Volume, Add	*1,284.43*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,494.91*	
		For 2 Coils, Independent Circuits, Add	*1,539.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0027	EA	11500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	13,579.81	2,970.03
		For Flat Filter Box And Throwaway Filters, Add	*1,146.56*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,166.26*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,228.25*	
		For Manual Roll Filter, Add	*5,566.08*	
		For Automatic Roll Filter, Add	*6,033.65*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,760.68*	
		For Electric Heating Coil, Add	*4,630.95*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,630.95*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,163.38*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,695.82*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,016.83*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,566.08*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,098.52*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,695.82*	
		For Variable Air Volume, Add	*1,309.19*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,448.54*	
		For 2 Coils, Independent Circuits, Add	*1,545.01*	
23 73 13 00-0028	EA	12500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	14,234.56	3,295.16
		For Flat Filter Box And Throwaway Filters, Add	*1,188.14*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,235.08*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,329.09*	
		For Manual Roll Filter, Add	*5,711.12*	
		For Automatic Roll Filter, Add	*6,187.53*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,852.68*	
		For Electric Heating Coil, Add	*4,758.31*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,758.31*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,281.90*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,805.49*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,093.77*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,711.12*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,234.72*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,805.49*	
		For Variable Air Volume, Add	*1,333.94*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,591.92*	
		For 2 Coils, Independent Circuits, Add	*1,614.02*	
23 73 13 00-0029	EA	13700 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	14,972.64	3,427.52
		For Flat Filter Box And Throwaway Filters, Add	*1,253.53*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,360.81*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,516.84*	
		For Manual Roll Filter, Add	*6,041.31*	
		For Automatic Roll Filter, Add	*6,546.20*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,011.94*	
		For Electric Heating Coil, Add	*5,031.52*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,031.52*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,526.63*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,021.73*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,273.10*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,041.31*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,536.41*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,021.73*	
		For Variable Air Volume, Add	*1,413.70*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,374.95*	
		For 2 Coils, Independent Circuits, Add	*1,699.22*	
23 73 13 00-0030	EA	15000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	15,757.55	3,560.26
		For Flat Filter Box And Throwaway Filters, Add	*1,321.26*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,489.82*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,709.28*	
		For Manual Roll Filter, Add	*6,376.18*	
		For Automatic Roll Filter, Add	*6,909.56*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,175.90*	
		For Electric Heating Coil, Add	*5,309.42*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,309.42*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,776.04*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,242.66*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,454.78*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,376.18*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,842.80*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,242.66*	
		For Variable Air Volume, Add	*1,493.46*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,417.99*	
		For 2 Coils, Independent Circuits, Add	*1,789.11*	
23 73 13 00-0031	EA	16500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	16,577.57	3,697.19
		For Flat Filter Box And Throwaway Filters, Add	*1,394.67*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,631.50*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,920.94*	
		For Manual Roll Filter, Add	*6,749.91*	
		For Automatic Roll Filter, Add	*7,315.71*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,355.14*	
		For Electric Heating Coil, Add	*5,618.32*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,618.32*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,052.53*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,486.73*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,657.85*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,749.91*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,184.12*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,486.73*	
		For Variable Air Volume, Add	*1,584.23*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,452.33*	
		For 2 Coils, Independent Circuits, Add	*1,884.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0032	EA	17500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	17,439.42	3,834.27
		For Flat Filter Box And Throwaway Filters, Add	*1,470.18*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,776.11*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,136.78*	
		For Manual Roll Filter, Add	*7,127.84*	
		For Automatic Roll Filter, Add	*7,726.05*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,538.57*	
		For Electric Heating Coil, Add	*5,931.42*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,931.42*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,333.21*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,734.99*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,863.02*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,127.84*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,529.63*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,734.99*	
		For Variable Air Volume, Add	*1,674.99*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,495.04*	
		For 2 Coils, Independent Circuits, Add	*1,983.23*	
23 73 13 00-0033	EA	20000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	19,392.05	4,110.61
		For Flat Filter Box And Throwaway Filters, Add	*1,645.41*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,114.55*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,318.26*	
		For Manual Roll Filter, Add	*7,616.02*	
		For Automatic Roll Filter, Add	*8,021.50*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,290.83*	
		For Electric Heating Coil, Add	*3,561.15*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,994.07*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,318.26*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,642.45*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*3,672.85*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,345.69*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,669.88*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,318.26*	
		For Variable Air Volume, Add	*1,892.27*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,763.27*	
		For 2 Coils, Independent Circuits, Add	*2,209.53*	
23 73 13 00-0034	EA	22500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	21,478.83	4,430.12
		For Flat Filter Box And Throwaway Filters, Add	*1,830.30*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,470.05*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,929.67*	
		For Manual Roll Filter, Add	*8,501.29*	
		For Automatic Roll Filter, Add	*8,955.11*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,660.60*	
		For Electric Heating Coil, Add	*3,963.14*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,686.03*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,929.67*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,173.32*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*4,099.37*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,198.75*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,442.39*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,929.67*	
		For Variable Air Volume, Add	*2,117.80*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,846.54*	
		For 2 Coils, Independent Circuits, Add	*2,450.43*	
23 73 13 00-0035	EA	25000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	23,740.40	4,746.78
		For Flat Filter Box And Throwaway Filters, Add	*2,034.73*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,865.88*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,612.59*	
		For Manual Roll Filter, Add	*9,494.81*	
		For Automatic Roll Filter, Add	*10,003.43*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,069.46*	
		For Electric Heating Coil, Add	*4,408.55*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,460.30*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,612.59*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,764.88*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*4,577.86*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,155.72*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,308.01*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,612.59*	
		For Variable Air Volume, Add	*2,373.59*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,922.58*	
		For 2 Coils, Independent Circuits, Add	*2,713.12*	
23 73 13 00-0036	EA	27500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	28,989.10	5,112.16
		For Flat Filter Box And Throwaway Filters, Add	*2,533.90*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,848.78*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,321.11*	
		For Manual Roll Filter, Add	*12,008.21*	
		For Automatic Roll Filter, Add	*12,658.87*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,067.79*	
		For Electric Heating Coil, Add	*5,501.57*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,405.55*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,321.11*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,236.67*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*5,787.22*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,574.43*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,489.99*	
		For Hot Water Heating Coil, Copper Fins, Add	*8,321.11*	
		For Variable Air Volume, Add	*3,036.43*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,012.55*	
		For 2 Coils, Independent Circuits, Add	*3,332.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0037	EA	30000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	32,307.00	5,456.48
		For Flat Filter Box And Throwaway Filters, Add	*2,841.24*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,448.80*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*9,360.15*	
		For Manual Roll Filter, Add	*13,528.17*	
		For Automatic Roll Filter, Add	*14,263.71*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,682.48*	
		For Electric Heating Coil, Add	*6,172.83*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,586.04*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,360.15*	
		For Steam Heating Coil, Aluminum Fins, Add	*8,134.26*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*6,518.91*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,037.82*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,811.93*	
		For Hot Water Heating Coil, Copper Fins, Add	*9,360.15*	
		For Variable Air Volume, Add	*3,432.49*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,933.38*	
		For 2 Coils, Independent Circuits, Add	*3,721.06*	
23 73 13 00-0038	EA	32500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	35,363.36	5,875.82
		For Flat Filter Box And Throwaway Filters, Add	*3,116.84*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,981.99*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*10,279.71*	
		For Manual Roll Filter, Add	*14,865.21*	
		For Automatic Roll Filter, Add	*15,674.41*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,233.69*	
		For Electric Heating Coil, Add	*6,773.16*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,628.39*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,279.71*	
		For Steam Heating Coil, Aluminum Fins, Add	*8,931.04*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*7,162.87*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*14,325.74*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*12,977.06*	
		For Hot Water Heating Coil, Copper Fins, Add	*10,279.71*	
		For Variable Air Volume, Add	*3,776.29*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,023.48*	
		For 2 Coils, Independent Circuits, Add	*4,075.81*	
23 73 13 00-0039	EA	35000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	38,780.47	7,906.21
		For Flat Filter Box And Throwaway Filters, Add	*3,422.27*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,571.08*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*11,294.28*	
		For Manual Roll Filter, Add	*16,337.33*	
		For Automatic Roll Filter, Add	*17,227.27*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,844.54*	
		For Electric Heating Coil, Add	*7,437.84*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*12,777.53*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,294.28*	
		For Steam Heating Coil, Aluminum Fins, Add	*9,811.04*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*7,872.01*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*15,744.03*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*14,260.78*	
		For Hot Water Heating Coil, Copper Fins, Add	*11,294.28*	
		For Variable Air Volume, Add	*4,153.09*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,132.33*	
		For 2 Coils, Independent Circuits, Add	*4,471.35*	
23 73 13 00-0040	EA	37500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	41,706.08	6,768.03
		For Flat Filter Box And Throwaway Filters, Add	*3,687.41*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,084.90*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*12,181.13*	
		For Manual Roll Filter, Add	*17,628.28*	
		For Automatic Roll Filter, Add	*18,589.54*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,374.82*	
		For Electric Heating Coil, Add	*8,015.66*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*13,783.23*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*12,181.13*	
		For Steam Heating Coil, Aluminum Fins, Add	*10,579.02*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*8,493.72*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*16,987.44*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*15,385.34*	
		For Hot Water Heating Coil, Copper Fins, Add	*12,181.13*	
		For Variable Air Volume, Add	*4,485.89*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,214.60*	
		For 2 Coils, Independent Circuits, Add	*4,811.45*	
23 73 13 00-0041	EA	40000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	44,973.69	7,240.13
		For Flat Filter Box And Throwaway Filters, Add	*3,978.49*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,645.64*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*13,146.37*	
		For Manual Roll Filter, Add	*19,027.70*	
		For Automatic Roll Filter, Add	*20,065.58*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,956.97*	
		For Electric Heating Coil, Add	*8,648.89*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*14,876.18*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*13,146.37*	
		For Steam Heating Coil, Aluminum Fins, Add	*11,416.57*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*9,167.89*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*18,335.78*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*16,605.98*	
		For Hot Water Heating Coil, Copper Fins, Add	*13,146.37*	
		For Variable Air Volume, Add	*4,843.44*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,127.21*	
		For 2 Coils, Independent Circuits, Add	*5,189.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0042	EA	45000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	48,534.07	7,817.32
		For Flat Filter Box And Throwaway Filters, Add	*4,295.01*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,254.97*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*14,194.92*	
		For Manual Roll Filter, Add	*20,547.15*	
		For Automatic Roll Filter, Add	*21,668.13*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*8,590.01*	
		For Electric Heating Coil, Add	*9,337.33*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*16,063.23*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*14,194.92*	
		For Steam Heating Coil, Aluminum Fins, Add	*12,326.62*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*9,899.92*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*19,799.83*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*17,931.53*	
		For Hot Water Heating Coil, Copper Fins, Add	*14,194.92*	
		For Variable Air Volume, Add	*5,231.25*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,226.00*	
		For 2 Coils, Independent Circuits, Add	*5,600.73*	
23 73 13 00-0043	EA	47500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	50,568.74	8,184.50
		For Flat Filter Box And Throwaway Filters, Add	*4,473.36*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,596.61*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*14,781.48*	
		For Manual Roll Filter, Add	*21,394.21*	
		For Automatic Roll Filter, Add	*22,561.16*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*8,946.72*	
		For Electric Heating Coil, Add	*9,724.68*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*16,726.40*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*14,781.48*	
		For Steam Heating Coil, Aluminum Fins, Add	*12,836.56*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*10,308.12*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*20,616.24*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*18,671.32*	
		For Hot Water Heating Coil, Copper Fins, Add	*14,781.48*	
		For Variable Air Volume, Add	*5,445.78*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,288.79*	
		For 2 Coils, Independent Circuits, Add	*5,834.84*	
23 73 13 00-0044	EA	50000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	52,484.36	8,499.28
		For Flat Filter Box And Throwaway Filters, Add	*4,641.83*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,919.69*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*15,336.49*	
		For Manual Roll Filter, Add	*22,196.36*	
		For Automatic Roll Filter, Add	*23,406.93*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*9,283.66*	
		For Electric Heating Coil, Add	*10,090.70*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*17,354.10*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*15,336.49*	
		For Steam Heating Coil, Aluminum Fins, Add	*13,318.88*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*10,694.66*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*21,389.32*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*19,371.71*	
		For Hot Water Heating Coil, Copper Fins, Add	*15,336.49*	
		For Variable Air Volume, Add	*5,649.31*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,346.52*	
		For 2 Coils, Independent Circuits, Add	*6,055.48*	
23 73 13 00-0045	EA	55000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	56,565.78	9,076.40
		For Flat Filter Box And Throwaway Filters, Add	*5,007.98*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*9,626.79*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*16,555.01*	
		For Manual Roll Filter, Add	*23,965.94*	
		For Automatic Roll Filter, Add	*25,273.76*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*10,015.95*	
		For Electric Heating Coil, Add	*10,887.83*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*18,734.70*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,555.01*	
		For Steam Heating Coil, Aluminum Fins, Add	*14,375.32*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*11,547.04*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*23,094.07*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*20,914.38*	
		For Hot Water Heating Coil, Copper Fins, Add	*16,555.01*	
		For Variable Air Volume, Add	*6,103.12*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,451.51*	
		For 2 Coils, Independent Circuits, Add	*6,528.45*	
23 73 13 00-0046	EA	60000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	61,814.97	9,705.97
		For Flat Filter Box And Throwaway Filters, Add	*5,487.52*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,558.65*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*18,165.35*	
		For Manual Roll Filter, Add	*26,314.37*	
		For Automatic Roll Filter, Add	*27,752.44*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*10,975.04*	
		For Electric Heating Coil, Add	*11,933.75*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*20,562.12*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*18,165.35*	
		For Steam Heating Coil, Aluminum Fins, Add	*15,768.58*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*12,677.83*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*25,355.67*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*22,958.89*	
		For Hot Water Heating Coil, Copper Fins, Add	*18,165.35*	
		For Variable Air Volume, Add	*6,710.96*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,287.96*	
		For 2 Coils, Independent Circuits, Add	*7,140.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0047	EA	65000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	67,718.89	10,492.94
		For Flat Filter Box And Throwaway Filters, Add	*6,022.39*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,595.09*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*19,954.13*	
		For Manual Roll Filter, Add	*28,918.06*	
		For Automatic Roll Filter, Add	*30,499.93*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*12,044.79*	
		For Electric Heating Coil, Add	*13,099.37*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*22,590.58*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*19,954.13*	
		For Steam Heating Coil, Aluminum Fins, Add	*17,317.68*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*13,931.74*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*27,863.48*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*25,227.03*	
		For Hot Water Heating Coil, Copper Fins, Add	*19,954.13*	
		For Variable Air Volume, Add	*7,382.06*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,398.99*	
		For 2 Coils, Independent Circuits, Add	*7,826.47*	
23 73 13 00-0048	EA	70000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	74,307.02	11,384.85
		For Flat Filter Box And Throwaway Filters, Add	*6,616.03*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,743.27*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*21,934.11*	
		For Manual Roll Filter, Add	*31,796.44*	
		For Automatic Roll Filter, Add	*33,536.84*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*13,232.07*	
		For Electric Heating Coil, Add	*14,392.34*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*24,834.80*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*21,934.11*	
		For Steam Heating Coil, Aluminum Fins, Add	*19,033.43*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*15,318.08*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*30,636.16*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*27,735.48*	
		For Hot Water Heating Coil, Copper Fins, Add	*21,934.11*	
		For Variable Air Volume, Add	*8,121.91*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,529.34*	
		For 2 Coils, Independent Circuits, Add	*8,590.98*	

23 73 13 00-0049 Multi-Zone Units *(23 73 13)*

Note: Horizontal/vertical blow-thru fan, motor and cabinet.

23 73 13 00-0050	EA	1000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	4,491.93	944.21
		For Economizer, Panel, Controls And Damper(s), Add	*1,584.03*	
		For Flat Filter Box And Throwaway Filters, Add	*381.76*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*723.07*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*920.69*	
		For Manual Roll Filter, Add	*1,863.68*	
		For Automatic Roll Filter, Add	*1,863.68*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*449.19*	
		For Electric Heating Coil, Add	*512.06*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,549.35*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,549.35*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,863.68*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,863.68*	
		For 2 Coils, Independent Circuits, Add	*512.06*	
23 73 13 00-0051	EA	1200 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	5,599.45	1,182.93
		For Economizer, Panel, Controls And Damper(s), Add	*1,822.97*	
		For Flat Filter Box And Throwaway Filters, Add	*475.45*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*900.20*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,146.37*	
		For Manual Roll Filter, Add	*2,319.22*	
		For Automatic Roll Filter, Add	*2,319.22*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*559.95*	
		For Electric Heating Coil, Add	*638.13*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,928.27*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,928.27*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,319.22*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,319.22*	
		For 2 Coils, Independent Circuits, Add	*638.13*	
23 73 13 00-0052	EA	1600 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	6,867.01	1,259.00
		For Economizer, Panel, Controls And Damper(s), Add	*1,898.90*	
		For Flat Filter Box And Throwaway Filters, Add	*596.78*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,139.61*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,446.99*	
		For Manual Roll Filter, Add	*2,967.56*	
		For Automatic Roll Filter, Add	*2,967.56*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*686.70*	
		For Electric Heating Coil, Add	*788.07*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,460.70*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,460.70*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,967.56*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,967.56*	
		For 2 Coils, Independent Circuits, Add	*788.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0053	EA	2000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	7,151.24	1,348.19
		For Economizer, Panel, Controls And Damper(s), Add	*1,987.84*	
		For Flat Filter Box And Throwaway Filters, Add	*618.85*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,179.93*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,498.99*	
		For Manual Roll Filter, Add	*3,066.71*	
		For Automatic Roll Filter, Add	*3,066.71*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*715.12*	
		For Electric Heating Coil, Add	*819.64*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,544.14*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,544.14*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,066.71*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,066.71*	
		For 2 Coils, Independent Circuits, Add	*819.64*	
23 73 13 00-0054	EA	2500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	8,331.70	1,445.26
		For Economizer, Panel, Controls And Damper(s), Add	*2,085.31*	
		For Flat Filter Box And Throwaway Filters, Add	*729.93*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,397.93*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,773.22*	
		For Manual Roll Filter, Add	*3,653.31*	
		For Automatic Roll Filter, Add	*3,653.31*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*833.17*	
		For Electric Heating Coil, Add	*958.51*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,026.61*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,026.61*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,653.31*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,653.31*	
		For 2 Coils, Independent Circuits, Add	*958.51*	
23 73 13 00-0055	EA	3000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	8,792.20	1,547.71
		For Economizer, Panel, Controls And Damper(s), Add	*2,187.63*	
		For Flat Filter Box And Throwaway Filters, Add	*768.68*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,471.02*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,866.42*	
		For Manual Roll Filter, Add	*3,840.81*	
		For Automatic Roll Filter, Add	*3,840.81*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*879.22*	
		For Electric Heating Coil, Add	*1,010.85*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,182.68*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,182.68*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,840.81*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,840.81*	
		For 2 Coils, Independent Circuits, Add	*1,010.85*	
23 73 13 00-0056	EA	3500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	9,275.88	1,652.57
		For Economizer, Panel, Controls And Damper(s), Add	*2,292.43*	
		For Flat Filter Box And Throwaway Filters, Add	*809.56*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,548.30*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,964.88*	
		For Manual Roll Filter, Add	*4,039.46*	
		For Automatic Roll Filter, Add	*4,039.46*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*927.59*	
		For Electric Heating Coil, Add	*1,065.89*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,347.93*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,347.93*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,039.46*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,039.46*	
		For 2 Coils, Independent Circuits, Add	*1,065.89*	
23 73 13 00-0057	EA	4000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	10,327.14	1,773.30
		For Economizer, Panel, Controls And Damper(s), Add	*2,140.30*	
		For Flat Filter Box And Throwaway Filters, Add	*906.32*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,736.81*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,202.61*	
		For Manual Roll Filter, Add	*4,542.41*	
		For Automatic Roll Filter, Add	*4,542.41*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,032.71*	
		For Electric Heating Coil, Add	*1,188.70*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,762.48*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,762.48*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,542.41*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,542.41*	
		For 2 Coils, Independent Circuits, Add	*1,188.70*	
23 73 13 00-0058	EA	4500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	11,278.62	1,899.08
		For Economizer, Panel, Controls And Damper(s), Add	*2,242.21*	
		For Flat Filter Box And Throwaway Filters, Add	*992.21*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,903.02*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,412.69*	
		For Manual Roll Filter, Add	*4,982.34*	
		For Automatic Roll Filter, Add	*4,982.34*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,127.86*	
		For Electric Heating Coil, Add	*1,299.17*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,125.79*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,125.79*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,982.34*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,982.34*	
		For 2 Coils, Independent Circuits, Add	*1,299.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0059	EA	5000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	11,928.03	2,028.29
		For Economizer, Panel, Controls And Damper(s), Add	*2,340.06*	
		For Flat Filter Box And Throwaway Filters, Add	*1,048.25*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,009.77*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,548.35*	
		For Manual Roll Filter, Add	*5,259.46*	
		For Automatic Roll Filter, Add	*5,259.46*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,192.80*	
		For Electric Heating Coil, Add	*1,373.54*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,355.76*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,355.76*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,259.46*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,259.46*	
		For 2 Coils, Independent Circuits, Add	*1,373.54*	
23 73 13 00-0060	EA	5500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	13,136.03	2,166.94
		For Economizer, Panel, Controls And Damper(s), Add	*2,453.40*	
		For Flat Filter Box And Throwaway Filters, Add	*1,158.75*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,224.58*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,819.44*	
		For Manual Roll Filter, Add	*5,831.13*	
		For Automatic Roll Filter, Add	*5,831.13*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,313.60*	
		For Electric Heating Coil, Add	*1,514.38*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,827.23*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,827.23*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,831.13*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,831.13*	
		For 2 Coils, Independent Circuits, Add	*1,514.38*	
23 73 13 00-0061	EA	6000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	13,980.29	2,319.09
		For Economizer, Panel, Controls And Damper(s), Add	*2,571.98*	
		For Flat Filter Box And Throwaway Filters, Add	*1,232.39*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,365.41*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,998.17*	
		For Manual Roll Filter, Add	*6,198.45*	
		For Automatic Roll Filter, Add	*6,198.45*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,398.03*	
		For Electric Heating Coil, Add	*1,611.38*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,131.69*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,131.69*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,198.45*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,198.45*	
		For 2 Coils, Independent Circuits, Add	*1,611.38*	
23 73 13 00-0062	EA	6500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	15,323.16	2,518.31
		For Economizer, Panel, Controls And Damper(s), Add	*2,727.09*	
		For Flat Filter Box And Throwaway Filters, Add	*1,352.58*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,597.32*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,291.59*	
		For Manual Roll Filter, Add	*6,810.12*	
		For Automatic Roll Filter, Add	*6,810.12*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,532.32*	
		For Electric Heating Coil, Add	*1,766.89*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,637.28*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,637.28*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,810.12*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,810.12*	
		For 2 Coils, Independent Circuits, Add	*1,766.89*	
23 73 13 00-0063	EA	7000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	16,466.24	2,712.50
		For Economizer, Panel, Controls And Damper(s), Add	*2,880.35*	
		For Flat Filter Box And Throwaway Filters, Add	*1,452.96*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,789.71*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,535.55*	
		For Manual Roll Filter, Add	*7,313.42*	
		For Automatic Roll Filter, Add	*7,313.42*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,646.62*	
		For Electric Heating Coil, Add	*1,898.48*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,054.13*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,054.13*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,313.42*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,313.42*	
		For 2 Coils, Independent Circuits, Add	*1,898.48*	
23 73 13 00-0064	EA	7500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	17,304.59	2,932.78
		For Economizer, Panel, Controls And Damper(s), Add	*2,612.52*	
		For Flat Filter Box And Throwaway Filters, Add	*1,521.39*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,917.35*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,698.95*	
		For Manual Roll Filter, Add	*7,635.94*	
		For Automatic Roll Filter, Add	*7,635.94*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,730.46*	
		For Electric Heating Coil, Add	*1,992.93*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,323.61*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,323.61*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,635.94*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,635.94*	
		For 2 Coils, Independent Circuits, Add	*1,992.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0065	EA	8000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	19,177.51	3,163.47
		For Economizer, Panel, Controls And Damper(s), Add	*2,748.74*	
		For Flat Filter Box And Throwaway Filters, Add	*1,691.66*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,247.66*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,116.10*	
		For Manual Roll Filter, Add	*8,512.80*	
		For Automatic Roll Filter, Add	*8,512.80*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,917.75*	
		For Electric Heating Coil, Add	*2,210.86*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,047.24*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,047.24*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,512.80*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,512.80*	
		For 2 Coils, Independent Circuits, Add	*2,210.86*	
23 73 13 00-0066	EA	8500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	20,218.03	3,410.05
		For Economizer, Panel, Controls And Damper(s), Add	*2,889.91*	
		For Flat Filter Box And Throwaway Filters, Add	*1,778.06*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,409.89*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,323.29*	
		For Manual Roll Filter, Add	*8,926.27*	
		For Automatic Roll Filter, Add	*8,926.27*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,021.80*	
		For Electric Heating Coil, Add	*2,328.67*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,391.94*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,391.94*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,926.27*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,926.27*	
		For 2 Coils, Independent Circuits, Add	*2,328.67*	
23 73 13 00-0067	EA	9000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	21,369.07	3,693.52
		For Economizer, Panel, Controls And Damper(s), Add	*3,043.85*	
		For Flat Filter Box And Throwaway Filters, Add	*1,873.93*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,590.06*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,553.32*	
		For Manual Roll Filter, Add	*9,386.16*	
		For Automatic Roll Filter, Add	*9,386.16*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,136.91*	
		For Electric Heating Coil, Add	*2,459.10*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,775.21*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,775.21*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,386.16*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,386.16*	
		For 2 Coils, Independent Circuits, Add	*2,459.10*	
23 73 13 00-0068	EA	10000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	22,614.51	3,987.09
		For Economizer, Panel, Controls And Damper(s), Add	*2,889.88*	
		For Flat Filter Box And Throwaway Filters, Add	*1,976.47*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,781.96*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,798.69*	
		For Manual Roll Filter, Add	*9,873.17*	
		For Automatic Roll Filter, Add	*9,873.17*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,261.45*	
		For Electric Heating Coil, Add	*2,599.75*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,181.67*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,181.67*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,873.17*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,873.17*	
		For 2 Coils, Independent Circuits, Add	*2,599.75*	
23 73 13 00-0069	EA	11500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	23,264.77	4,139.47
		For Economizer, Panel, Controls And Damper(s), Add	*2,958.24*	
		For Flat Filter Box And Throwaway Filters, Add	*2,030.10*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,882.38*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,927.07*	
		For Manual Roll Filter, Add	*10,128.26*	
		For Automatic Roll Filter, Add	*10,128.26*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,326.48*	
		For Electric Heating Coil, Add	*2,673.22*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,394.53*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,394.53*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,128.26*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,128.26*	
		For 2 Coils, Independent Circuits, Add	*2,673.22*	
23 73 13 00-0070	EA	12500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	23,880.79	4,287.19
		For Economizer, Panel, Controls And Damper(s), Add	*3,016.33*	
		For Flat Filter Box And Throwaway Filters, Add	*2,082.02*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,980.41*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,052.03*	
		For Manual Roll Filter, Add	*10,379.94*	
		For Automatic Roll Filter, Add	*10,379.94*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,388.08*	
		For Electric Heating Coil, Add	*2,743.27*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,603.97*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,603.97*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,379.94*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,379.94*	
		For 2 Coils, Independent Circuits, Add	*2,743.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0071	EA	13500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	26,897.82	4,459.50
		For Economizer, Panel, Controls And Damper(s), Add	*2,677.55*	
		For Flat Filter Box And Throwaway Filters, Add	*2,370.39*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,549.16*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,766.29*	
		For Manual Roll Filter, Add	*11,919.31*	
		For Automatic Roll Filter, Add	*11,919.31*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,689.78*	
		For Electric Heating Coil, Add	*3,099.98*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,868.31*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,868.31*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,919.31*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,919.31*	
		For 2 Coils, Independent Circuits, Add	*3,099.98*	
23 73 13 00-0072	EA	15000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	29,886.66	4,636.15
		For Economizer, Panel, Controls And Damper(s), Add	*2,894.58*	
		For Flat Filter Box And Throwaway Filters, Add	*2,657.36*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,115.93*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,477.74*	
		For Manual Roll Filter, Add	*13,455.88*	
		For Automatic Roll Filter, Add	*13,455.88*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,988.67*	
		For Electric Heating Coil, Add	*3,453.88*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,129.83*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,129.83*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,455.88*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*13,455.88*	
		For 2 Coils, Independent Circuits, Add	*3,453.88*	
23 73 13 00-0073	EA	16500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	34,225.70	4,811.02
		For Economizer, Panel, Controls And Damper(s), Add	*2,937.09*	
		For Flat Filter Box And Throwaway Filters, Add	*3,079.11*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,952.16*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,526.06*	
		For Manual Roll Filter, Add	*15,733.04*	
		For Automatic Roll Filter, Add	*15,733.04*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,422.57*	
		For Electric Heating Coil, Add	*3,969.70*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*12,997.38*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*12,997.38*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*15,733.04*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*15,733.04*	
		For 2 Coils, Independent Circuits, Add	*3,969.70*	
23 73 13 00-0074	EA	17500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	38,568.18	4,984.15
		For Economizer, Panel, Controls And Damper(s), Add	*2,980.21*	
		For Flat Filter Box And Throwaway Filters, Add	*3,501.04*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,788.62*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,574.72*	
		For Manual Roll Filter, Add	*18,010.54*	
		For Automatic Roll Filter, Add	*18,010.54*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,856.82*	
		For Electric Heating Coil, Add	*4,485.87*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*14,865.27*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*14,865.27*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*18,010.54*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*18,010.54*	
		For 2 Coils, Independent Circuits, Add	*4,485.87*	
23 73 13 00-0075	EA	20000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	43,256.95	5,403.87
		For Economizer, Panel, Controls And Damper(s), Add	*3,085.64*	
		For Flat Filter Box And Throwaway Filters, Add	*3,939.80*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,871.11*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*9,656.55*	
		For Manual Roll Filter, Add	*14,987.40*	
		For Automatic Roll Filter, Add	*18,541.30*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,325.70*	
		For Electric Heating Coil, Add	*5,036.48*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*14,987.40*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*14,987.40*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,879.60*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*18,541.30*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*18,541.30*	
		For 2 Coils, Independent Circuits, Add	*5,036.48*	
23 73 13 00-0076	EA	22500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	46,657.39	5,876.05
		For Economizer, Panel, Controls And Damper(s), Add	*3,017.25*	
		For Flat Filter Box And Throwaway Filters, Add	*4,248.32*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,330.74*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*10,412.10*	
		For Manual Roll Filter, Add	*16,158.45*	
		For Automatic Roll Filter, Add	*19,989.36*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,665.74*	
		For Electric Heating Coil, Add	*5,431.92*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*16,158.45*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,158.45*	
		For Steam Heating Coil, Aluminum Fins, Add	*8,496.64*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*19,989.36*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*19,989.36*	
		For 2 Coils, Independent Circuits, Add	*5,431.92*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0077	EA	25000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	55,508.85	6,348.01
		For Economizer, Panel, Controls And Damper(s), Add	*3,124.98*	
		For Flat Filter Box And Throwaway Filters, Add	*5,097.56*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,601.01*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*12,517.24*	
		For Manual Roll Filter, Add	*19,483.59*	
		For Automatic Roll Filter, Add	*24,127.83*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,550.89*	
		For Electric Heating Coil, Add	*6,479.73*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*19,483.59*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*19,483.59*	
		For Steam Heating Coil, Aluminum Fins, Add	*10,195.12*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*24,127.83*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*24,127.83*	
		For 2 Coils, Independent Circuits, Add	*6,479.73*	
23 73 13 00-0078	EA	27500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	62,670.95	6,872.88
		For Economizer, Panel, Controls And Damper(s), Add	*3,235.67*	
		For Flat Filter Box And Throwaway Filters, Add	*5,776.87*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,616.29*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*14,197.07*	
		For Manual Roll Filter, Add	*22,127.04*	
		For Automatic Roll Filter, Add	*27,413.69*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,267.10*	
		For Electric Heating Coil, Add	*7,324.42*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*22,127.04*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*22,127.04*	
		For Steam Heating Coil, Aluminum Fins, Add	*11,553.74*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*27,413.69*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*27,413.69*	
		For 2 Coils, Independent Circuits, Add	*7,324.42*	
23 73 13 00-0079	EA	30000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	67,918.54	7,397.75
		For Economizer, Panel, Controls And Damper(s), Add	*3,350.93*	
		For Flat Filter Box And Throwaway Filters, Add	*6,263.21*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*9,341.95*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*15,393.71*	
		For Manual Roll Filter, Add	*23,995.56*	
		For Automatic Roll Filter, Add	*29,730.13*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,791.85*	
		For Electric Heating Coil, Add	*7,938.77*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*23,995.56*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*23,995.56*	
		For Steam Heating Coil, Aluminum Fins, Add	*12,526.42*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*29,730.13*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*29,730.13*	
		For 2 Coils, Independent Circuits, Add	*7,938.77*	
23 73 13 00-0080	EA	32500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	76,006.27	8,656.46
		For Economizer, Panel, Controls And Damper(s), Add	*3,374.29*	
		For Flat Filter Box And Throwaway Filters, Add	*6,982.91*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,412.60*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*17,148.42*	
		For Manual Roll Filter, Add	*26,696.22*	
		For Automatic Roll Filter, Add	*33,061.41*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,600.63*	
		For Electric Heating Coil, Add	*8,873.67*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*26,696.22*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*26,696.22*	
		For Steam Heating Coil, Aluminum Fins, Add	*13,965.82*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*33,061.41*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*33,061.41*	
		For 2 Coils, Independent Circuits, Add	*8,873.67*	
23 73 13 00-0081	EA	35000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	76,468.34	8,971.47
		For Economizer, Panel, Controls And Damper(s), Add	*3,432.05*	
		For Flat Filter Box And Throwaway Filters, Add	*7,006.02*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,444.94*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*17,194.63*	
		For Manual Roll Filter, Add	*26,742.42*	
		For Automatic Roll Filter, Add	*33,107.62*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,646.83*	
		For Electric Heating Coil, Add	*8,919.87*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*26,742.42*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*26,742.42*	
		For Steam Heating Coil, Aluminum Fins, Add	*14,012.03*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*33,107.62*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*33,107.62*	
		For 2 Coils, Independent Circuits, Add	*8,919.87*	
23 73 13 00-0082	EA	37500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	79,955.84	9,285.96
		For Economizer, Panel, Controls And Damper(s), Add	*3,489.81*	
		For Flat Filter Box And Throwaway Filters, Add	*7,331.66*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,931.10*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*17,997.19*	
		For Manual Roll Filter, Add	*27,998.80*	
		For Automatic Roll Filter, Add	*34,666.54*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,995.58*	
		For Electric Heating Coil, Add	*9,329.13*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*27,998.80*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*27,998.80*	
		For Steam Heating Coil, Aluminum Fins, Add	*14,663.32*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*34,666.54*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*34,666.54*	
		For 2 Coils, Independent Circuits, Add	*9,329.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0083	EA	40000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	83,717.63	9,968.30
		For Economizer, Panel, Controls And Damper(s), Add	*3,608.86*	
		For Flat Filter Box And Throwaway Filters, Add	*7,660.22*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,419.17*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*18,794.77*	
		For Manual Roll Filter, Add	*29,217.78*	
		For Automatic Roll Filter, Add	*36,166.45*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*8,371.76*	
		For Electric Heating Coil, Add	*9,761.50*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*29,217.78*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*29,217.78*	
		For Steam Heating Coil, Aluminum Fins, Add	*15,320.44*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*36,166.45*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*36,166.45*	
		For 2 Coils, Independent Circuits, Add	*9,761.50*	
23 73 13 00-0084	EA	45000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	90,146.84	10,492.94
		For Economizer, Panel, Controls And Damper(s), Add	*3,695.45*	
		For Flat Filter Box And Throwaway Filters, Add	*8,268.50*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,328.14*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*20,298.17*	
		For Manual Roll Filter, Add	*31,581.66*	
		For Automatic Roll Filter, Add	*39,103.98*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*9,014.68*	
		For Electric Heating Coil, Add	*10,519.15*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*31,581.66*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*31,581.66*	
		For Steam Heating Coil, Aluminum Fins, Add	*16,537.01*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*39,103.98*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*39,103.98*	
		For 2 Coils, Independent Circuits, Add	*10,519.15*	
23 73 13 00-0085	EA	50000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	96,872.83	11,070.06
		For Economizer, Panel, Controls And Damper(s), Add	*3,483.45*	
		For Flat Filter Box And Throwaway Filters, Add	*8,895.56*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*13,264.17*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*21,843.04*	
		For Manual Roll Filter, Add	*33,998.79*	
		For Automatic Roll Filter, Add	*42,102.63*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*9,687.28*	
		For Electric Heating Coil, Add	*11,308.05*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*33,998.79*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*33,998.79*	
		For Steam Heating Coil, Aluminum Fins, Add	*17,791.12*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*42,102.63*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*42,102.63*	
		For 2 Coils, Independent Circuits, Add	*11,308.05*	
23 73 13 00-0086	EA	55000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	104,301.23	11,752.10
		For Economizer, Panel, Controls And Damper(s), Add	*3,577.98*	
		For Flat Filter Box And Throwaway Filters, Add	*9,591.13*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*14,302.80*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*23,558.34*	
		For Manual Roll Filter, Add	*36,686.56*	
		For Automatic Roll Filter, Add	*45,438.70*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*10,430.12*	
		For Electric Heating Coil, Add	*12,180.55*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*36,686.56*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*36,686.56*	
		For Steam Heating Coil, Aluminum Fins, Add	*19,182.27*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*45,438.70*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*45,438.70*	
		For 2 Coils, Independent Circuits, Add	*12,180.55*	
23 73 13 00-0087	EA	60000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	111,742.77	12,066.88
		For Economizer, Panel, Controls And Damper(s), Add	*3,620.78*	
		For Flat Filter Box And Throwaway Filters, Add	*10,313.89*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*15,384.79*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*25,354.52*	
		For Manual Roll Filter, Add	*39,534.76*	
		For Automatic Roll Filter, Add	*48,988.25*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*11,174.28*	
		For Electric Heating Coil, Add	*13,064.98*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*39,534.76*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*39,534.76*	
		For Steam Heating Coil, Aluminum Fins, Add	*20,627.77*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*48,988.25*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*48,988.25*	
		For 2 Coils, Independent Circuits, Add	*13,064.98*	

23 73 13 00-0088 Return/Supply Air Fan *(23 73 13)*

Note: Includes vibration mounts.

23 73 13 00-0089	EA	300 CFM Return Air Fan	1,944.78	419.65
23 73 13 00-0090	EA	500 CFM Return Air Fan	2,511.80	503.59
23 73 13 00-0091	EA	750 CFM Return Air Fan	2,623.29	524.57
23 73 13 00-0092	EA	1000 CFM Return Air Fan	2,983.78	556.05
23 73 13 00-0093	EA	1250 CFM Return Air Fan	3,076.91	582.28
23 73 13 00-0094	EA	1500 CFM Return Air Fan	3,151.40	608.52
23 73 13 00-0095	EA	1750 CFM Return Air Fan	3,307.80	639.99
23 73 13 00-0096	EA	2000 CFM Return Air Fan	3,668.27	671.47
23 73 13 00-0097	EA	2250 CFM Return Air Fan	3,843.15	702.95
23 73 13 00-0098	EA	2500 CFM Return Air Fan	3,943.81	734.43
23 73 13 00-0099	EA	3000 CFM Return Air Fan	4,185.90	813.13
23 73 13 00-0100	EA	3500 CFM Return Air Fan	4,301.67	855.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0101	EA	4000 CFM Return Air Fan	4,409.79	891.83
23 73 13 00-0102	EA	4500 CFM Return Air Fan	4,544.10	933.87
23 73 13 00-0103	EA	5000 CFM Return Air Fan	4,667.13	981.09
23 73 13 00-0104	EA	5500 CFM Return Air Fan	4,906.11	1,096.52
23 73 13 00-0105	EA	6000 CFM Return Air Fan	5,588.04	1,301.12
23 73 13 00-0106	EA	6500 CFM Return Air Fan	5,729.82	1,322.11
23 73 13 00-0107	EA	7000 CFM Return Air Fan	5,792.65	1,327.36
23 73 13 00-0108	EA	8000 CFM Return Air Fan	6,082.87	1,348.34
23 73 13 00-0109	EA	9000 CFM Return Air Fan	6,214.23	1,364.08
23 73 13 00-0110	EA	10000 CFM Return Air Fan	6,532.98	1,416.78
23 73 13 00-0111	EA	12500 CFM Return Air Fan	6,940.24	1,442.70
23 73 13 00-0112	EA	15000 CFM Return Air Fan	7,797.82	1,483.71
23 73 13 00-0113	EA	17500 CFM Return Air Fan	8,486.74	1,563.37
23 73 13 00-0114	EA	20000 CFM Return Air Fan	10,031.25	1,631.43
23 73 13 00-0115	EA	22500 CFM Return Air Fan	10,507.38	1,688.31
23 73 13 00-0116	EA	25000 CFM Return Air Fan	10,975.52	1,736.58
23 73 13 00-0117	EA	27500 CFM Return Air Fan	11,652.51	1,909.72
23 73 13 00-0118	EA	30000 CFM Return Air Fan	12,451.14	2,014.50
23 73 13 00-0119	EA	35000 CFM Return Air Fan	14,000.64	2,098.37
23 73 13 00-0120	EA	40000 CFM Return Air Fan	16,453.07	2,308.22
23 73 13 00-0121	EA	45000 CFM Return Air Fan	20,186.54	2,623.01
23 73 13 00-0122	EA	50000 CFM Return Air Fan	24,441.49	2,717.68
23 73 13 00-0123	EA	55000 CFM Return Air Fan	25,570.57	2,796.14
23 73 13 00-0124	EA	60000 CFM Return Air Fan	26,162.20	2,869.60
23 73 13 00-0125	EA	65000 CFM Return Air Fan	27,432.42	2,995.44
23 73 13 00-0126	EA	70000 CFM Return Air Fan	28,812.61	3,142.93
23 73 13 00-0127	EA	75000 CFM Return Air Fan	30,968.06	3,297.11
23 73 13 00-0128	EA	80000 CFM Return Air Fan	32,349.61	3,471.89
23 73 13 00-0129	EA	90000 CFM Return Air Fan	33,425.12	3,669.61
23 73 13 00-0130	EA	100000 CFM Return Air Fan	35,909.73	3,837.57
23 73 13 00-0131	EA	115000 CFM Return Air Fan	38,602.82	4,021.12
23 73 13 00-0132	EA	130000 CFM Return Air Fan	41,526.43	4,223.71
23 73 13 00-0133	EA	150000 CFM Return Air Fan	45,389.78	4,448.71

23 73 13 00-0134 Removal And Reinstallation Of Air Handling Unit *(23 73 13)*

Note: Air handling units with filter and coils. Includes storage and cleaning. Excludes ductwork.

23 73 13 00-0135	EA	Remove And Reinstall Air Handling Unit Up To 11500 CFM	1,921.79
23 73 13 00-0136	EA	Remove And Reinstall Air Handling Unit, 11501 To 16500 CFM	2,606.94
23 73 13 00-0137	EA	Remove And Reinstall Air Handling Unit, 16501 To 22000 CFM	3,243.01
23 73 13 00-0138	EA	Remove And Reinstall Air Handling Unit, Over 22000 CFM	5,917.08

23 74 Packaged Outdoor HVAC Equipment *(23 70)*

23 74 13 Packaged, Outdoor, Central-Station Air-Handling Units *(23 74)*

Note: Includes throwaway filters, filter rack, and manual outside air damper. Units are shipped fully factory assembled in one piece, prewired, prepiped, charged with refrigerant, and include start-up. Installation is based on unit being placed on roof by crane up to a height of 2-1/2 stories. For height greater than 2-1/2 stories, additional crane work may be necessary.

23 74 13 00-0001 Electric Cooling, Electric Heat, Self Contained Packaged Rooftop Unit *(23 74 13)*

Note: Units up to 5 tons have 13 SEER. Units >5 to 11 tons have 10.3 EER, >11 to 19 tons have 9.7 EER, >19 to 63 tons have 9.5 EER and >63 tons have 9.2 EER. See CSI section 26 28 16 00-0001 for disconnects.

23 74 13 00-0002	EA	2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	2,768.95	419.87
		For Unit Without Heat, Deduct	*-289.38*	
		For Unit Economizer, Add	*315.48*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-119.33*	
		For Equipment Base Roof Curbs, Add	*228.67*	
23 74 13 00-0003	EA	3 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	4,009.87	558.53
		For Unit Without Heat, Deduct	*-434.07*	
		For Unit Economizer, Add	*458.86*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-158.60*	
		For Equipment Base Roof Curbs, Add	*328.64*	
23 74 13 00-0004	EA	4 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	4,935.31	644.45
		For Unit Without Heat, Deduct	*-546.96*	
		For Unit Economizer, Add	*566.46*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-183.16*	
		For Equipment Base Roof Curbs, Add	*402.37*	
23 74 13 00-0005	EA	5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	5,950.41	696.21
		For Unit Without Heat, Deduct	*-683.70*	
		For Unit Economizer, Add	*686.20*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-197.87*	
		For Equipment Base Roof Curbs, Add	*481.09*	
23 74 13 00-0006	EA	7-1/2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	8,014.51	787.99
		For Unit Without Heat, Deduct	*-965.93*	
		For Unit Economizer, Add	*930.24*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-223.81*	
		For Equipment Base Roof Curbs, Add	*640.46*	
23 74 13 00-0007	EA	10 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	11,770.09	884.47
		For Unit Without Heat, Deduct	*-1,287.90*	
		For Unit Economizer, Add	*1,348.73*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-447.81*	
		For Equipment Base Roof Curbs, Add	*962.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 13 00-0008	EA	12-1/2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	14,093.49	906.58
		For Unit Without Heat, Deduct	*-1,609.88*	
		For Unit Economizer, Add	*1,624.00*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-472.69*	
		For Equipment Base Roof Curbs, Add	*1,141.04*	
23 74 13 00-0009	EA	15 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	16,593.78	928.70
		For Unit Without Heat, Deduct	*-1,931.85*	
		For Unit Economizer, Add	*1,916.96*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-522.45*	
		For Equipment Base Roof Curbs, Add	*1,337.40*	
23 74 13 00-0010	EA	20 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	20,357.47	1,061.37
		For Unit Without Heat, Deduct	*-2,416.80*	
		For Unit Economizer, Add	*2,357.99*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-597.08*	
		For Equipment Base Roof Curbs, Add	*1,632.95*	
23 74 13 00-0011	EA	25 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	25,269.90	1,282.48
		For Unit Without Heat, Deduct	*-3,021.00*	
		For Unit Economizer, Add	*2,929.79*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-721.47*	
		For Equipment Base Roof Curbs, Add	*2,023.49*	
23 74 13 00-0012	EA	30 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	30,182.42	1,503.60
		For Unit Without Heat, Deduct	*-3,625.20*	
		For Unit Economizer, Add	*3,501.60*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-845.87*	
		For Equipment Base Roof Curbs, Add	*2,414.04*	
23 74 13 00-0013	EA	35 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	35,271.76	1,768.94
		For Unit Without Heat, Deduct	*-4,229.40*	
		For Unit Economizer, Add	*4,091.10*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-995.14*	
		For Equipment Base Roof Curbs, Add	*2,822.28*	
23 74 13 00-0014	EA	40 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	38,152.61	2,012.16
		For Unit Without Heat, Deduct	*-4,515.60*	
		For Unit Economizer, Add	*4,417.34*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-1,131.96*	
		For Equipment Base Roof Curbs, Add	*3,062.66*	
23 74 13 00-0015	EA	50 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	46,474.70	2,211.17
		For Unit Without Heat, Deduct	*-5,644.50*	
		For Unit Economizer, Add	*5,400.07*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-1,243.92*	
		For Equipment Base Roof Curbs, Add	*3,706.72*	
23 74 13 00-0016	EA	60 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	53,225.72	2,653.41
		For Unit Without Heat, Deduct	*-6,391.80*	
		For Unit Economizer, Add	*6,174.81*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-1,492.72*	
		For Equipment Base Roof Curbs, Add	*4,257.27*	
23 74 13 00-0017	EA	70 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	61,389.00	2,918.75
		For Unit Without Heat, Deduct	*-7,457.10*	
		For Unit Economizer, Add	*7,133.18*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-1,641.98*	
		For Equipment Base Roof Curbs, Add	*4,896.05*	
23 74 13 00-0018	EA	75 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	65,382.48	3,095.64
		For Unit Without Heat, Deduct	*-7,950.00*	
		For Unit Economizer, Add	*7,598.25*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-1,741.48*	
		For Equipment Base Roof Curbs, Add	*5,213.25*	

23 74 13 00-0019 Electric Cooling, Gas Heat, Self Contained Package Rooftop Unit *(23 74 13)*

23 74 13 00-0020	EA	2 Ton Electric Cooling, 60 MBH Gas Heating, Self Contained Package Rooftop Unit	3,579.46	219.70
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-156.94*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-62.78*	
		For Unit Economizer, Add	*420.72*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-62.61*	
		For Equipment Base Roof Curb, Add	*279.47*	
23 74 13 00-0021	EA	3 Ton Electric Cooling, 60 MBH Gas Heating, Self Contained Package Rooftop Unit	3,515.65	252.90
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-150.45*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-60.18*	
		For Unit Economizer, Add	*411.75*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-72.00*	
		For Equipment Base Roof Curb, Add	*276.34*	
23 74 13 00-0022	EA	4 Ton Electric Cooling, 80 MBH Gas Heating, Self Contained Package Rooftop Unit	4,082.39	258.17
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-178.30*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-71.32*	
		For Unit Economizer, Add	*479.56*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-73.38*	
		For Equipment Base Roof Curb, Add	*319.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 13 00-0023	EA	5 Ton Electric Cooling, 100 MBH Gas Heating, Self Contained Package Rooftop Unit	4,621.34	319.79
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-199.10*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-79.64*	
		For Unit Economizer, Add	*541.77*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-90.85*	
		For Equipment Base Roof Curb, Add	*362.58*	
23 74 13 00-0024	EA	6 Ton Electric Cooling, 140 MBH Gas Heating, Self Contained Package Rooftop Unit	5,322.20	347.61
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-231.30*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-92.52*	
		For Unit Economizer, Add	*624.74*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-98.93*	
		For Equipment Base Roof Curb, Add	*416.57*	
23 74 13 00-0025	EA	7.5 Ton Electric Cooling, 150 MBH Gas Heating, Self Contained Package Rooftop Unit	6,731.89	373.00
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-299.30*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-119.72*	
		For Unit Economizer, Add	*792.91*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-105.99*	
		For Equipment Base Roof Curb, Add	*523.54*	
23 74 13 00-0026	EA	8.5 Ton Electric Cooling, 150 MBH Gas Heating, Self Contained Package Rooftop Unit	7,465.63	380.81
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-335.20*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-134.08*	
		For Unit Economizer, Add	*880.64*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-108.23*	
		For Equipment Base Roof Curb, Add	*578.96*	
23 74 13 00-0027	EA	10 Ton Electric Cooling, 200 MBH Gas Heating, Self Contained Package Rooftop Unit	7,833.26	352.46
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-356.41*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-142.57*	
		For Unit Economizer, Add	*925.89*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-99.15*	
		For Equipment Base Roof Curb, Add	*605.12*	
23 74 13 00-0028	EA	12.5 Ton Electric Cooling, 250 MBH Gas Heating, Self Contained Package Rooftop Unit	10,416.19	442.23
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-476.59*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-190.63*	
		For Unit Economizer, Add	*1,232.25*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-124.39*	
		For Equipment Base Roof Curb, Add	*803.33*	
23 74 13 00-0029	EA	15 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit	12,931.08	530.68
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-593.68*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-237.47*	
		For Unit Economizer, Add	*1,530.58*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-148.73*	
		For Equipment Base Roof Curb, Add	*996.27*	
23 74 13 00-0030	EA	18 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit	15,399.35	612.50
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-708.72*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-283.49*	
		For Unit Economizer, Add	*1,823.42*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-172.29*	
		For Equipment Base Roof Curb, Add	*1,185.58*	
23 74 13 00-0031	EA	20 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit	17,873.18	694.75
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-824.17*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-329.67*	
		For Unit Economizer, Add	*2,116.98*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-195.47*	
		For Equipment Base Roof Curb, Add	*1,375.24*	
23 74 13 00-0032	EA	25 Ton Electric Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit	18,461.78	884.47
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-834.64*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-333.86*	
		For Unit Economizer, Add	*2,180.03*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-248.78*	
		For Equipment Base Roof Curb, Add	*1,428.86*	
23 74 13 00-0033	EA	30 Ton Electric Cooling, 500 MBH Gas Heating, Self Contained Package Rooftop Unit	19,343.79	1,080.82
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-859.09*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-343.64*	
		For Unit Economizer, Add	*2,278.01*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-304.07*	
		For Equipment Base Roof Curb, Add	*1,504.84*	
23 74 13 00-0034	EA	40 Ton Electric Cooling, 600 MBH Gas Heating, Self Contained Package Rooftop Unit	26,404.52	1,293.53
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-1,190.85*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-476.34*	
		For Unit Economizer, Add	*3,116.79*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-363.91*	
		For Equipment Base Roof Curb, Add	*2,045.03*	
23 74 13 00-0035	EA	50 Ton Electric Cooling, 750 MBH Gas Heating, Self Contained Package Rooftop Unit	32,507.91	1,621.50
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-1,463.24*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-585.30*	
		For Unit Economizer, Add	*3,836.09*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-456.11*	
		For Equipment Base Roof Curb, Add	*2,519.17*	
23 74 13 00-0036	EA	60 Ton Electric Cooling, 900 MBH Gas Heating, Self Contained Package Rooftop Unit	37,748.86	1,762.75
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-1,711.19*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-684.48*	
		For Unit Economizer, Add	*4,459.36*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-495.77*	
		For Equipment Base Roof Curb, Add	*2,919.29*	
23 74 13 00-0037	EA	80 Ton Electric Cooling, 1000 MBH Gas Heating, Self Contained Package Rooftop Unit	53,695.43	2,114.77
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-2,473.27*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-989.31*	
		For Unit Economizer, Add	*6,358.85*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-594.92*	
		For Equipment Base Roof Curb, Add	*4,132.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 13 00-0038	EA	90 Ton Electric Cooling, 1200 MBH Gas Heating, Self Contained Package Rooftop Unit	62,813.78	2,211.17
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-2,919.57*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-1,167.83*	
		For Unit Economizer, Add	*7,449.21*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-621.96*	
		For Equipment Base Roof Curb, Add	*4,821.59*	
23 74 13 00-0039	EA	100 Ton Electric Cooling, 1350 MBH Gas Heating, Self Contained Package Rooftop Unit	67,644.68	2,432.29
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-3,139.00*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-1,255.60*	
		For Unit Economizer, Add	*8,020.07*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-684.16*	
		For Equipment Base Roof Curb, Add	*5,194.97*	

23 74 13 00-0040 Gas Cooling, Gas Heat, Self Contained Package Rooftop Unit *(23 74 13)*

Note: Units up to 5 tons have 13 SEER. Units > 5 to 11 tons have 10.1 EER, >11 to 19 tons have 9.5 EER, >19 to 63 tons have 9.3 EER and >63 tons have 9.0 EER.

23 74 13 00-0041	EA	2 Ton Gas Cooling, 80 MBH Gas Heating, Self Contained Package Rooftop Unit	4,042.14	324.38
		For Unit Economizer, Add	*476.25*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-62.55*	
		For Equipment Base Roof Curb, Add	*314.17*	
23 74 13 00-0042	EA	3 Ton Gas Cooling, 90 MBH Gas Heating, Self Contained Package Rooftop Unit	4,369.69	373.10
		For Unit Economizer, Add	*514.23*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-72.00*	
		For Equipment Base Roof Curb, Add	*340.39*	
23 74 13 00-0043	EA	4 Ton Gas Cooling, 110 MBH Gas Heating, Self Contained Package Rooftop Unit	4,728.93	380.23
		For Unit Economizer, Add	*557.14*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-73.38*	
		For Equipment Base Roof Curb, Add	*367.58*	
23 74 13 00-0044	EA	5 Ton Gas Cooling, 112 MBH Gas Heating, Self Contained Package Rooftop Unit	5,278.37	476.01
		For Unit Economizer, Add	*620.48*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-91.86*	
		For Equipment Base Roof Curb, Add	*412.04*	
23 74 13 00-0045	EA	6 Ton Gas Cooling, 150 MBH Gas Heating, Self Contained Package Rooftop Unit	7,419.35	512.63
		For Unit Economizer, Add	*876.40*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-98.93*	
		For Equipment Base Roof Curb, Add	*573.86*	
23 74 13 00-0046	EA	7.5 Ton Gas Cooling, 200 MBH Gas Heating, Self Contained Package Rooftop Unit	9,559.54	549.25
		For Unit Economizer, Add	*1,132.23*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-105.99*	
		For Equipment Base Roof Curb, Add	*735.61*	
23 74 13 00-0047	EA	10 Ton Gas Cooling, 270 MBH Gas Heating, Self Contained Package Rooftop Unit	13,206.95	528.73
		For Unit Economizer, Add	*1,570.73*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-99.15*	
		For Equipment Base Roof Curb, Add	*1,008.15*	
23 74 13 00-0048	EA	12.5 Ton Gas Cooling, 335 MBH Gas Heating, Self Contained Package Rooftop Unit	15,186.68	663.35
		For Unit Economizer, Add	*1,804.71*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-124.39*	
		For Equipment Base Roof Curb, Add	*1,161.11*	
23 74 13 00-0049	EA	15 Ton Gas Cooling, 375 MBH Gas Heating, Self Contained Package Rooftop Unit	17,157.29	793.19
		For Unit Economizer, Add	*2,037.72*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-148.73*	
		For Equipment Base Roof Curb, Add	*1,313.23*	
23 74 13 00-0050	EA	18 Ton Gas Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit	22,326.98	915.43
		For Unit Economizer, Add	*2,654.83*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-171.64*	
		For Equipment Base Roof Curb, Add	*1,705.03*	
23 74 13 00-0051	EA	20 Ton Gas Cooling, 450 MBH Gas Heating, Self Contained Package Rooftop Unit	27,499.84	1,042.44
		For Unit Economizer, Add	*3,272.18*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-195.47*	
		For Equipment Base Roof Curb, Add	*2,097.24*	
23 74 13 00-0052	EA	25 Ton Gas Cooling, 525 MBH Gas Heating, Self Contained Package Rooftop Unit	32,854.18	1,326.70
		For Unit Economizer, Add	*3,907.12*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-248.78*	
		For Equipment Base Roof Curb, Add	*2,508.29*	
23 74 13 00-0053	EA	30 Ton Gas Cooling, 650 MBH Gas Heating, Self Contained Package Rooftop Unit	38,921.57	1,621.50
		For Unit Economizer, Add	*4,627.35*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-304.07*	
		For Equipment Base Roof Curb, Add	*2,973.17*	
23 74 13 00-0054	EA	40 Ton Gas Cooling, 800 MBH Gas Heating, Self Contained Package Rooftop Unit	50,448.95	1,940.62
		For Unit Economizer, Add	*6,002.12*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-363.91*	
		For Equipment Base Roof Curb, Add	*3,848.36*	
23 74 13 00-0055	EA	50 Ton Gas Cooling, 1000 MBH Gas Heating, Self Contained Package Rooftop Unit	61,383.97	2,432.29
		For Unit Economizer, Add	*7,301.22*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-456.11*	
		For Equipment Base Roof Curb, Add	*4,684.87*	
23 74 13 00-0056	EA	60 Ton Gas Cooling, 1200 MBH Gas Heating, Self Contained Package Rooftop Unit	69,313.93	2,643.76
		For Unit Economizer, Add	*8,247.17*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-495.77*	
		For Equipment Base Roof Curb, Add	*5,286.67*	
23 74 13 00-0057	EA	80 Ton Gas Cooling, 1300 MBH Gas Heating, Self Contained Package Rooftop Unit	113,604.08	3,172.59
		For Unit Economizer, Add	*13,547.89*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-594.92*	
		For Equipment Base Roof Curb, Add	*8,626.06*	
23 74 13 00-0058	EA	90 Ton Gas Cooling, 1500 MBH Gas Heating, Self Contained Package Rooftop Unit	133,533.01	3,316.76
		For Unit Economizer, Add	*15,935.51*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-621.96*	
		For Equipment Base Roof Curb, Add	*10,125.53*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 13 00-0059	EA	100 Ton Gas Cooling, 1700 MBH Gas Heating, Self Contained Package Rooftop Unit	143,679.11	3,648.44
		For Unit Economizer, Add	*17,144.20*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-684.16*	
		For Equipment Base Roof Curb, Add	*10,897.55*	
23 74 13 00-0060		**Heating Only Packaged Rooftop Units** *(23 74 13)*		
		Note: Includes throwaway filters and filter rack. Manual outside air damper, roof curbs and electric heat. Units are shipped fully factory assembled in one piece, prewired and include start-up. Based on unit being placed on roof by crane up to a height of 2-1/2 stories. For height greater than 2-1/2 stories, additional crane work may be necessary.		
23 74 13 00-0061	EA	24 MBH Electric Heating Only Self Contained Package Rooftop Unit	2,392.10	371.05
		For Gas Heat, Add	*152.61*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-105.45*	
23 74 13 00-0062	EA	32 MBH Electric Heating Only Self Contained Package Rooftop Unit	2,809.39	427.19
		For Gas Heat, Add	*179.57*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-121.41*	
23 74 13 00-0063	EA	45 MBH Electric Heating Only Self Contained Package Rooftop Unit	3,718.80	439.40
		For Gas Heat, Add	*242.74*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-124.88*	
23 74 13 00-0064	EA	60 MBH Electric Heating Only Self Contained Package Rooftop Unit	4,363.15	556.58
		For Gas Heat, Add	*283.16*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-158.18*	
23 74 13 00-0065	EA	95 MBH Electric Heating Only Self Contained Package Rooftop Unit	5,148.91	644.45
		For Gas Heat, Add	*334.65*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-183.16*	
23 74 13 00-0066	EA	112 MBH Electric Heating Only Self Contained Package Rooftop Unit	5,660.37	630.18
		For Gas Heat, Add	*371.02*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-177.26*	
23 74 13 00-0067	EA	140 MBH Electric Heating Only Self Contained Package Rooftop Unit	6,702.70	681.05
		For Gas Heat, Add	*442.66*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-186.59*	
23 74 13 00-0068	EA	170 MBH Electric Heating Only Self Contained Package Rooftop Unit	8,555.15	707.57
		For Gas Heat, Add	*570.56*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-199.03*	
23 74 13 00-0069	EA	200 MBH Electric Heating Only Self Contained Package Rooftop Unit	11,367.04	796.02
		For Gas Heat, Add	*763.85*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-223.91*	
23 74 13 00-0070	EA	230 MBH Electric Heating Only Self Contained Package Rooftop Unit	13,328.94	884.47
		For Gas Heat, Add	*897.65*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-248.78*	
23 74 13 00-0071	EA	270 MBH Electric Heating Only Self Contained Package Rooftop Unit	17,504.04	1,081.00
		For Gas Heat, Add	*1,182.04*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-304.07*	
23 74 13 00-0072	EA	330 MBH Electric Heating Only Self Contained Package Rooftop Unit	21,882.55	1,297.16
		For Gas Heat, Add	*1,480.03*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-363.91*	
23 74 13 00-0073	EA	360 MBH Electric Heating Only Self Contained Package Rooftop Unit	27,298.06	1,621.68
		For Gas Heat, Add	*1,846.00*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-456.11*	
23 74 13 00-0074	EA	450 MBH Electric Heating Only Self Contained Package Rooftop Unit	32,935.06	1,768.94
		For Gas Heat, Add	*2,234.95*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-495.77*	
23 74 13 00-0075	EA	540 MBH Electric Heating Only Self Contained Package Rooftop Unit	42,395.08	2,115.03
		For Gas Heat, Add	*2,883.05*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-594.92*	
23 74 23		**Packaged, Outdoor, Heating-Only Makeup-Air Units** *(23 74)*		
23 74 23 00-0001		**Gas-Fired Electric Spark Make-Up Air Units** *(23 74 23)*		
		Note: With 2-position damper curb filter and thermostat with capillary.		
23 74 23 00-0002	EA	100,000 BTU 1/2 HP, 1,200 CFM, Make-up Air Unit, Gas Fired, Electric Spark	4,278.70	486.45
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,040.38*	
		For Equipment Base Roof Curb, Add	*345.23*	
23 74 23 00-0003	EA	300,000 BTU 1-1/2 HP, 3,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark	5,461.15	552.79
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,360.37*	
		For Equipment Base Roof Curb, Add	*437.38*	
23 74 23 00-0004	EA	500,000 BTU 2 HP, 4,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	7,482.85	648.58
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,920.55*	
		For Equipment Base Roof Curb, Add	*593.64*	
23 74 23 00-0005	EA	670,000 BTU 3 HP, 6,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	7,580.58	694.93
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,926.70*	
		For Equipment Base Roof Curb, Add	*603.29*	
23 74 23 00-0006	EA	800,000 BTU 5 HP, 7,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark	10,199.62	777.10
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,671.34*	
		For Equipment Base Roof Curb, Add	*803.83*	
23 74 23 00-0007	EA	1,200,000 BTU 10 HP, 10,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	15,274.66	972.92
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,095.94*	
		For Equipment Base Roof Curb, Add	*1,194.25*	
23 74 23 00-0008		**Electric Make-Up Air Units** *(23 74 23)*		
		Note: With 2-position damper curb filter and thermostat with capillary.		
23 74 23 00-0009	EA	33 KW 1/2 HP, 1,200 CFM Make-up Air Unit, Electric	8,349.25	486.45
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,261.55*	
		For Equipment Base Roof Curb, Add	*650.52*	
23 74 23 00-0010	EA	100 KW 1-1/2 HP, 3,500 CFM Make-up Air Unit, Electric	11,813.92	552.79
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,266.20*	
		For Equipment Base Roof Curb, Add	*913.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 23 00-0011	EA	150 KW 2 HP, 4,000 CFM Make-up Air Unit, Electric	14,602.43	648.58
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,056.42*	
		For Equipment Base Roof Curb, Add	*1,127.61*	
23 74 23 00-0012	EA	250 KW 5 HP, 7,500 CFM Make-up Air Unit, Electric	18,837.08	778.34
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,261.96*	
		For Equipment Base Roof Curb, Add	*1,451.70*	
23 74 23 00-0013	EA	400 KW 10 HP, 10,000 CFM Make-up Air Unit, Electric	30,204.70	972.92
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*8,574.95*	
		For Equipment Base Roof Curb, Add	*2,314.00*	

23 76 Evaporative Air-Cooling Equipment *(23 70)*

23 76 13 Direct Evaporative Air Coolers *(23 76)*

23 76 13 00-0001 Residential Side Or Down Draft Evaporative Cooling Unit *(23 76 13)*

Note: Includes motor, belt and pads.

23 76 13 00-0002	EA	3,000 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	950.03	229.32
23 76 13 00-0003	EA	4,300 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,122.03	267.54
23 76 13 00-0004	EA	4,400 CFM, 1/2 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,450.46	305.76
23 76 13 00-0005	EA	5,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,579.40	343.97
23 76 13 00-0006	EA	6,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,813.33	382.19
23 76 13 00-0007	EA	7,000 CFM, 1 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,952.77	420.41

23 76 13 00-0008 Industrial Side Draft/Side Discharge Evaporative Coolers *(23 76 13)*

Note: Excludes motor starter, piping, power wiring and equipment rigging.

23 76 13 00-0009	EA	7,500 CFM, 3/4 HP Industrial Side Or Down Draft Evaporative Cooling Unit	1,927.91	287.79
23 76 13 00-0010	EA	8,500 CFM, 1 HP Industrial Side Or Down Draft Evaporative Cooling Unit	1,989.66	297.10
23 76 13 00-0011	EA	9,500 CFM, 1 1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	2,399.23	412.62
23 76 13 00-0012	EA	11,375 CFM, 2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	4,933.66	487.05
23 76 13 00-0013	EA	13,020 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	5,433.94	713.05
23 76 13 00-0014	EA	16,267 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	6,196.82	760.59
23 76 13 00-0015	EA	15,438 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	5,771.66	855.66
23 76 13 00-0016	EA	19,286 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	6,873.60	1,069.57
23 76 13 00-0017	EA	17,672 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	7,064.51	1,398.14
23 76 13 00-0018	EA	22,077 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	7,797.69	1,426.09
23 76 13 00-0019	EA	24,301 CFM, 10 HP Industrial Side Or Down Draft Evaporative Cooling Unit	8,254.25	1,584.58
23 76 13 00-0020	EA	30,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	11,251.71	2,475.89
23 76 13 00-0021	EA	35,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	12,517.01	2,583.51

23 80 Decentralized Unitary HVAC Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 23 05 29 00-0000 for hangers and supports, 26 05 19 16-0009 for electrical connection and termination, 26 05 83 00-0129 for terminations, 26 28 16 00-0001 for disconnect.

23 81 Decentralized Unitary HVAC Equipment *(23 80)*

23 81 13 Packaged Terminal Air-Conditioners *(23 81)*

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 13 00-0001 Packaged Terminal Air-Conditioners *(23 81 13)*

23 81 13 00-0002 Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 00-0001)*

23 81 13 00-0003	EA	7,100 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,349.44	195.20
		For >35 To 70, Deduct	*-28.79*	
		For >70 To 100, Deduct	*-47.99*	
		For >100, Deduct	*-67.18*	
23 81 13 00-0004	EA	9,250 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,424.39	219.99
		For >35 To 70, Deduct	*-29.55*	
		For >70 To 100, Deduct	*-49.25*	
		For >100, Deduct	*-68.94*	
23 81 13 00-0005	EA	11,600 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,480.61	234.45
		For >35 To 70, Deduct	*-30.33*	
		For >70 To 100, Deduct	*-50.56*	
		For >100, Deduct	*-70.78*	
23 81 13 00-0006	EA	14,500 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,514.96	252.01
		For >35 To 70, Deduct	*-30.33*	
		For >70 To 100, Deduct	*-50.56*	
		For >100, Deduct	*-70.78*	

23 81 13 00-0007 Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 00-0001)*

23 81 13 00-0008	EA	7,000 BTU, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,443.93	195.20
		For >35 To 70, Deduct	*-31.63*	
		For >70 To 100, Deduct	*-52.71*	
		For >100, Deduct	*-73.79*	
23 81 13 00-0009	EA	9,200 BTU, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,514.68	219.99
		For >35 To 70, Deduct	*-32.26*	
		For >70 To 100, Deduct	*-53.76*	
		For >100, Deduct	*-75.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 13 00-0010	EA	11,600 BTU, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,569.85	234.45
		For >35 To 70, Deduct	*-33.01*	
		For >70 To 100, Deduct	*-55.02*	
		For >100, Deduct	*-77.03*	
23 81 13 00-0011	EA	14,600 BTU, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,663.00	252.01
		For >35 To 70, Deduct	*-34.78*	
		For >70 To 100, Deduct	*-57.96*	
		For >100, Deduct	*-81.14*	

23 81 13 00-0012 Removal And Reinstallation Of Thru-Wall A/C Unit *(23 81 13)*

Note: Includes storage and cleaning.

23 81 13 00-0013	EA	Remove And Reinstall Thru Wall Air Conditioning Unit	152.87
23 81 13 00-0014	EA	Remove And Reinstall Window Air Conditioning Unit	95.55
23 81 13 00-0015	EA	Remove And Reinstall Window Air Conditioning Unit In Upper Sash	206.94

23 81 13 00-0016 Thru Wall A/C Unit Sleeve *(23 81 13)*

Note: Includes wall case, exterior grille, weather panel and steel closure panels. Includes bolts, nuts, washers, caulking and lintel supports. Not for use with new A/C units where wall sleeve is provided. Excludes cutting opening for unit or patching masonry or concrete.

23 81 13 00-0017	EA	Thru Wall A/C Sleeve, Up To 10000 BTU Unit	66.57
23 81 13 00-0018	EA	Thru Wall A/C Sleeve, 10001 To 20000 BTU Unit	75.12
23 81 13 00-0019	EA	Thru Wall A/C Sleeve, 20001 To 30000 BTU Unit	83.66

23 81 13 00-0020 Single Package Vertical Wall Cooling Unit *(23 81 13)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 V, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan.

23 81 13 00-0021	EA	1/2 Ton Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	2,579.98	206.32
23 81 13 00-0022	EA	1 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	4,158.70	216.78
23 81 13 00-0023	EA	1-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	5,401.07	227.08
23 81 13 00-0024	EA	2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	6,202.87	247.43
23 81 13 00-0025	EA	2-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	7,768.07	289.02
23 81 13 00-0026	EA	3 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	8,363.44	356.39
23 81 13 00-0027	EA	3-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	9,263.51	400.81
23 81 13 00-0028	EA	4 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	10,204.09	445.57
23 81 13 00-0029	EA	5 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	11,504.90	535.15
23 81 13 00-0030	EA	7-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	14,856.31	668.68
23 81 13 00-0031	EA	10 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	17,785.93	891.78
23 81 13 00-0032	EA	15 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	24,831.68	1,094.46
23 81 13 00-0033	EA	20 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	28,628.79	1,297.13
23 81 13 00-0034	EA	25 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	34,161.81	1,459.28

23 81 16 Room Air-Conditioners *(23 81)*

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 16 00-0001 Window Unit, Room Air-Conditioners *(23 81 16)*

23 81 16 00-0002 Cooling Only, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)*

23 81 16 00-0003 115 Volt, Cooling Only, Window Unit, Room Air-Conditioners *(23 81 16 00-0002)*

23 81 16 00-0004	EA	5,000 BTU, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner	251.60	37.30
		For >10 To 50, Deduct	*-8.85*	
		For >50 To 75, Deduct	*-12.39*	
		For >75 To 100, Deduct	*-17.70*	
		For >100, Deduct	*-21.24*	
23 81 16 00-0005	EA	6,000 BTU, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner	284.06	41.02
		For >10 To 50, Deduct	*-10.10*	
		For >50 To 75, Deduct	*-14.14*	
		For >75 To 100, Deduct	*-20.20*	
		For >100, Deduct	*-24.24*	
23 81 16 00-0006	EA	8,000 BTU, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner	388.26	45.13
		For >10 To 50, Deduct	*-14.90*	
		For >50 To 75, Deduct	*-20.86*	
		For >75 To 100, Deduct	*-29.80*	
		For >100, Deduct	*-35.76*	
23 81 16 00-0007	EA	9,000 BTU, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner	426.29	49.68
		For >10 To 50, Deduct	*-16.35*	
		For >50 To 75, Deduct	*-22.89*	
		For >75 To 100, Deduct	*-32.70*	
		For >100, Deduct	*-39.24*	
23 81 16 00-0008	EA	10,000 BTU, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner	464.21	54.60
		For >10 To 50, Deduct	*-17.75*	
		For >50 To 75, Deduct	*-24.85*	
		For >75 To 100, Deduct	*-35.50*	
		For >100, Deduct	*-42.60*	
23 81 16 00-0009	EA	12,000 BTU, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner	514.18	60.05
		For >10 To 50, Deduct	*-19.70*	
		For >50 To 75, Deduct	*-27.58*	
		For >75 To 100, Deduct	*-39.40*	
		For >100, Deduct	*-47.28*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0010		EA	15,000 BTU, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner	642.18	66.10
			For >10 To 50, Deduct	*-25.50*	
			For >50 To 75, Deduct	*-35.70*	
			For >75 To 100, Deduct	*-51.00*	
			For >100, Deduct	*-61.20*	
23 81 16 00-0011		EA	8,000 BTU, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner	500.26	45.13
			For >10 To 50, Deduct	*-20.50*	
			For >50 To 75, Deduct	*-28.70*	
			For >75 To 100, Deduct	*-41.00*	
			For >100, Deduct	*-49.20*	
23 81 16 00-0012		EA	10,000 BTU, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner	561.21	54.60
			For >10 To 50, Deduct	*-22.60*	
			For >50 To 75, Deduct	*-31.64*	
			For >75 To 100, Deduct	*-45.20*	
			For >100, Deduct	*-54.24*	
23 81 16 00-0013		EA	12,000 BTU, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner	625.18	60.05
			For >10 To 50, Deduct	*-25.25*	
			For >50 To 75, Deduct	*-35.35*	
			For >75 To 100, Deduct	*-50.50*	
			For >100, Deduct	*-60.60*	

23 81 16 00-0014 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioners *(23 81 16 00-0002)*

23 81 16 00-0015		EA	12,000 BTU, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner	479.18	60.05
			For >10 To 50, Deduct	*-17.95*	
			For >50 To 75, Deduct	*-25.13*	
			For >75 To 100, Deduct	*-35.90*	
			For >100, Deduct	*-43.08*	
23 81 16 00-0016		EA	14,000 BTU, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner	590.75	82.88
			For >10 To 50, Deduct	*-21.25*	
			For >50 To 75, Deduct	*-29.75*	
			For >75 To 100, Deduct	*-42.50*	
			For >100, Deduct	*-51.00*	
23 81 16 00-0017		EA	15,000 BTU, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner	595.39	72.66
			For >10 To 50, Deduct	*-22.50*	
			For >50 To 75, Deduct	*-31.50*	
			For >75 To 100, Deduct	*-45.00*	
			For >100, Deduct	*-54.00*	
23 81 16 00-0018		EA	18,000 BTU, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner	702.94	79.97
			For >10 To 50, Deduct	*-27.15*	
			For >50 To 75, Deduct	*-38.01*	
			For >75 To 100, Deduct	*-54.30*	
			For >100, Deduct	*-65.16*	
23 81 16 00-0019		EA	24,000 BTU, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner	813.90	87.95
			For >10 To 50, Deduct	*-31.90*	
			For >50 To 75, Deduct	*-44.66*	
			For >75 To 100, Deduct	*-63.80*	
			For >100, Deduct	*-76.56*	
23 81 16 00-0020		EA	26,000 BTU, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner	848.50	96.75
			For >10 To 50, Deduct	*-32.75*	
			For >50 To 75, Deduct	*-45.85*	
			For >75 To 100, Deduct	*-65.50*	
			For >100, Deduct	*-78.60*	
23 81 16 00-0021		EA	28,000 BTU, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner	891.82	106.45
			For >10 To 50, Deduct	*-33.95*	
			For >50 To 75, Deduct	*-47.53*	
			For >75 To 100, Deduct	*-67.90*	
			For >100, Deduct	*-81.48*	

23 81 16 00-0022 Heating And Cooling, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)*

23 81 16 00-0023 115 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners *(23 81 16 00-0022)*

23 81 16 00-0024		EA	8,000 BTU, 115 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner	676.36	68.69
			For >10 To 50, Deduct	*-26.95*	
			For >50 To 75, Deduct	*-37.73*	
			For >75 To 100, Deduct	*-53.90*	
			For >100, Deduct	*-64.68*	

23 81 16 00-0025 230/208 Volts, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners *(23 81 16 00-0022)*

23 81 16 00-0026		EA	12,000 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner	795.56	103.28
			For >10 To 50, Deduct	*-29.45*	
			For >50 To 75, Deduct	*-41.23*	
			For >75 To 100, Deduct	*-58.90*	
			For >100, Deduct	*-70.68*	
23 81 16 00-0027		EA	14,000 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner	869.39	116.19
			For >10 To 50, Deduct	*-31.85*	
			For >50 To 75, Deduct	*-44.59*	
			For >75 To 100, Deduct	*-63.70*	
			For >100, Deduct	*-76.44*	
23 81 16 00-0028		EA	15,000 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner	911.04	126.52
			For >10 To 50, Deduct	*-32.90*	
			For >50 To 75, Deduct	*-46.06*	
			For >75 To 100, Deduct	*-65.80*	
			For >100, Deduct	*-78.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0029	EA	18,000 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner	974.77	137.88
		For >10 To 50, Deduct	*-34.95*	
		For >50 To 75, Deduct	*-48.93*	
		For >75 To 100, Deduct	*-69.90*	
		For >100, Deduct	*-83.88*	
23 81 16 00-0030	EA	24,000 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner	1,170.78	185.91
		For >10 To 50, Deduct	*-39.95*	
		For >50 To 75, Deduct	*-55.93*	
		For >75 To 100, Deduct	*-79.90*	
		For >100, Deduct	*-95.88*	
23 81 16 00-0031		Accessories *(23 81 16 00-0001)*		
23 81 16 00-0032	SET	Aluminum Air Conditioner Unit Frame And Bracket Assembly	384.67	56.81
23 81 16 00-0033		Through-The-Wall, Room Air-Conditioners *(23 81 16)*		
23 81 16 00-0034		Cooling Only, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0033)*		
23 81 16 00-0035		115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0034)*		
23 81 16 00-0036	EA	6,000 BTU, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner	821.39	181.77
		For >10 To 50, Deduct	*-22.95*	
		For >50 To 75, Deduct	*-32.13*	
		For >75 To 100, Deduct	*-45.90*	
		For >100, Deduct	*-55.08*	
23 81 16 00-0037	EA	8,000 BTU, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner	1,071.45	195.20
		For >10 To 50, Deduct	*-34.09*	
		For >50 To 75, Deduct	*-47.72*	
		For >75 To 100, Deduct	*-68.17*	
		For >100, Deduct	*-81.81*	
23 81 16 00-0038	EA	10,000 BTU, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner	1,068.74	195.20
		For >10 To 50, Deduct	*-33.95*	
		For >50 To 75, Deduct	*-47.53*	
		For >75 To 100, Deduct	*-67.90*	
		For >100, Deduct	*-81.48*	
23 81 16 00-0039	EA	12,000 BTU, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner	1,236.53	234.45
		For >10 To 50, Deduct	*-38.35*	
		For >50 To 75, Deduct	*-53.69*	
		For >75 To 100, Deduct	*-76.71*	
		For >100, Deduct	*-92.05*	
23 81 16 00-0040		230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0034)*		
23 81 16 00-0041	EA	9,000 BTU, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner	1,162.81	252.01
		For >10 To 50, Deduct	*-32.95*	
		For >50 To 75, Deduct	*-46.13*	
		For >75 To 100, Deduct	*-65.90*	
		For >100, Deduct	*-79.08*	
23 81 16 00-0042	EA	10,000 BTU, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner	1,182.81	252.01
		For >10 To 50, Deduct	*-33.95*	
		For >50 To 75, Deduct	*-47.53*	
		For >75 To 100, Deduct	*-67.90*	
		For >100, Deduct	*-81.48*	
23 81 16 00-0043	EA	12,000 BTU, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner	1,252.69	252.01
		For >10 To 50, Deduct	*-37.44*	
		For >50 To 75, Deduct	*-52.42*	
		For >75 To 100, Deduct	*-74.89*	
		For >100, Deduct	*-89.87*	
23 81 16 00-0044	EA	14,000 BTU, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner	1,295.27	252.01
		For >10 To 50, Deduct	*-39.57*	
		For >50 To 75, Deduct	*-55.40*	
		For >75 To 100, Deduct	*-79.15*	
		For >100, Deduct	*-94.98*	
23 81 16 00-0045		Heating And Cooling, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0033)*		
23 81 16 00-0046		115 Volt, Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0045)*		
23 81 16 00-0047	EA	6,000 BTU, 115 Volt, Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioner	1,051.39	181.77
		For >10 To 50, Deduct	*-34.45*	
		For >50 To 75, Deduct	*-48.23*	
		For >75 To 100, Deduct	*-68.90*	
		For >100, Deduct	*-82.68*	
23 81 16 00-0048	EA	8,000 BTU, 115 Volt, Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioner	1,108.74	195.20
		For >10 To 50, Deduct	*-35.95*	
		For >50 To 75, Deduct	*-50.33*	
		For >75 To 100, Deduct	*-71.90*	
		For >100, Deduct	*-86.28*	
23 81 16 00-0049		230/208 Volt, Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0045)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0050	EA	9,000 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioner	866.36	68.69
		For >10 To 50, Deduct	*-36.45*	
		For >50 To 75, Deduct	*-51.03*	
		For >75 To 100, Deduct	*-72.90*	
		For >100, Deduct	*-87.48*	
23 81 16 00-0051	EA	10,000 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioner	924.58	87.79
		For >10 To 50, Deduct	*-37.45*	
		For >50 To 75, Deduct	*-52.43*	
		For >75 To 100, Deduct	*-74.90*	
		For >100, Deduct	*-89.88*	
23 81 16 00-0052	EA	12,000 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioner	985.56	103.28
		For >10 To 50, Deduct	*-38.95*	
		For >50 To 75, Deduct	*-54.53*	
		For >75 To 100, Deduct	*-77.90*	
		For >100, Deduct	*-93.48*	

23 81 23 Computer-Room Air-Conditioners *(23 81)*

Note: Includes equipment rigging. Indoor units include filters.

23 81 23 00-0001 Floor Mounted Air Cooled Direct Expansion Type *(23 81 23)*

Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air cooled condenser complete with fan speed control. Excludes precharged copper pipe.

23 81 23 00-0002	EA	3 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	18,510.44	1,631.51
		For Liebert Unit, Add	*2,007.56*	
23 81 23 00-0003	EA	5 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	20,426.93	1,784.46
		For Liebert Unit, Add	*2,216.93*	
23 81 23 00-0004	EA	6 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	28,099.27	2,039.39
		For Liebert Unit, Add	*3,133.25*	
23 81 23 00-0005	EA	10 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	33,365.54	2,294.31
		For Liebert Unit, Add	*3,744.14*	
23 81 23 00-0006	EA	16 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	37,467.11	2,753.17
		For Liebert Unit, Add	*4,164.11*	
23 81 23 00-0007	EA	20 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	42,296.73	3,059.08
		For Liebert Unit, Add	*4,718.35*	
23 81 23 00-0008	EA	24 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	44,420.32	3,263.02
		For Liebert Unit, Add	*4,940.05*	
23 81 23 00-0009	EA	30 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	52,074.66	3,670.89
		For Liebert Unit, Add	*5,826.84*	

23 81 23 00-0010 Floor Mounted Chilled Water Type *(23 81 23)*

Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 00-0018 for chilled water source.

23 81 23 00-0011	EA	3 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	12,467.69	1,117.92
		For Liebert Unit, Add	*1,372.14*	
23 81 23 00-0012	EA	5 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	13,409.90	1,238.31
		For Liebert Unit, Add	*1,469.85*	
23 81 23 00-0013	EA	12 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	16,699.51	1,886.12
		For Liebert Unit, Add	*1,773.09*	
23 81 23 00-0014	EA	16 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	17,439.80	1,910.97
		For Liebert Unit, Add	*1,861.51*	
23 81 23 00-0015	EA	20 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	18,113.64	1,987.41
		For Liebert Unit, Add	*1,931.70*	
23 81 23 00-0016	EA	22 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	18,582.84	2,178.50
		For Liebert Unit, Add	*1,959.77*	
23 81 23 00-0017	EA	31 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	19,729.57	2,369.60
		For Liebert Unit, Add	*2,072.06*	

23 81 23 00-0018 Floor Mounted Water Source *(23 81 23)*

Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes water source.

23 81 23 00-0019	EA	3 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	9,743.73	1,019.69
		For Liebert Unit, Add	*1,027.48*	
23 81 23 00-0020	EA	5 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	10,705.52	1,070.67
		For Liebert Unit, Add	*1,138.13*	
23 81 23 00-0021	EA	6 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	13,784.73	1,121.67
		For Liebert Unit, Add	*1,513.56*	
23 81 23 00-0022	EA	8 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	14,862.75	1,223.63
		For Liebert Unit, Add	*1,628.16*	
23 81 23 00-0023	EA	10 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	16,406.92	1,325.60
		For Liebert Unit, Add	*1,802.04*	
23 81 23 00-0024	EA	12 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	17,069.31	1,427.57
		For Liebert Unit, Add	*1,865.27*	
23 81 23 00-0025	EA	15 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	17,829.42	1,529.54
		For Liebert Unit, Add	*1,944.31*	
23 81 23 00-0026	EA	20 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	18,352.78	1,631.51
		For Liebert Unit, Add	*1,991.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 00-0027	EA	25 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	21,021.20	1,937.41
		For Liebert Unit, Add	*2,265.72*	

23 81 23 00-0028 Floor Mounted Glycol System Type *(23 81 23)*

Note: Includes drycoolers, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 00-0018 for water source.

23 81 23 00-0029	EA	3 Ton Computer Room Air Conditioner, Glycol System Type	17,824.85	1,117.92
		For Liebert Unit, Add	*2,041.79*	
23 81 23 00-0030	EA	5 Ton Computer Room Air Conditioner, Glycol System Type	19,200.77	1,238.31
		For Liebert Unit, Add	*2,193.71*	
23 81 23 00-0031	EA	6 Ton Computer Room Air Conditioner, Glycol System Type	29,417.88	1,387.36
		For Liebert Unit, Add	*3,446.01*	
23 81 23 00-0032	EA	9 Ton Computer Room Air Conditioner, Glycol System Type	30,396.43	1,536.42
		For Liebert Unit, Add	*3,543.49*	
23 81 23 00-0033	EA	10 Ton Computer Room Air Conditioner, Glycol System Type	32,548.28	1,685.47
		For Liebert Unit, Add	*3,787.62*	
23 81 23 00-0034	EA	16 Ton Computer Room Air Conditioner, Glycol System Type	38,917.65	1,910.97
		For Liebert Unit, Add	*4,544.62*	
23 81 23 00-0035	EA	20 Ton Computer Room Air Conditioner, Glycol System Type	42,628.14	1,987.41
		For Liebert Unit, Add	*4,996.01*	
23 81 23 00-0036	EA	22 Ton Computer Room Air Conditioner, Glycol System Type	44,249.77	2,178.50
		For Liebert Unit, Add	*5,168.13*	
23 81 23 00-0037	EA	30 Ton Computer Room Air Conditioner, Glycol System Type	53,785.88	2,369.60
		For Liebert Unit, Add	*6,329.10*	

23 81 23 00-0038 Ceiling Mounted Packaged Computer Room Air Conditioner *(23 81 23)*

Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air cooled condenser complete with fan speed control.

23 81 23 00-0039	EA	1 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	7,270.40	484.62
		For Liebert Unit, Add	*817.98*	
23 81 23 00-0040	EA	1.5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	8,059.35	582.01
		For Liebert Unit, Add	*898.35*	
23 81 23 00-0041	EA	2 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	9,233.31	728.38
		For Liebert Unit, Add	*1,017.67*	
23 81 23 00-0042	EA	3 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	11,324.44	849.77
		For Liebert Unit, Add	*1,256.31*	
23 81 23 00-0043	EA	5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	15,253.53	923.61
		For Liebert Unit, Add	*1,733.60*	

23 81 23 00-0044 Removal And Reinstallation Of Computer Room Unit *(23 81 23)*

Note: Includes storage and cleaning. Excludes main mechanical piping. Reconnection of existing valves are included.

23 81 23 00-0045	EA	Remove And Reinstall Computer Room Unit, Chilled Water	1,528.77	
23 81 23 00-0046	EA	Remove And Reinstall Computer Room Unit, Direct Expansion	1,273.97	

23 81 26 Split-System Air-Conditioners *(23 81)*

23 81 26 00-0001 Split System A/C Unit *(23 81 26)*

See CSI section 22 07 19 00-0490 for insulation, 23 23 16 00-0001 for piping, 23 54 00 00-0000 for furnaces.

23 81 26 00-0002 Ductless Split System Air Conditioners *(23 81 26 00-0001)*

Note: Excludes refrigerant piping, electrical, and pad. Sanyo units or equal. See CSI section 23 81 29 00-0024 for ductless heat pumps.

23 81 26 00-0003 Wall Mounted Ductless Split System Air Conditioners *(23 81 26 00-0002)*

23 81 26 00-0004	EA	9,000 BTU Wall Mounted Ductless Split System Air Conditioners, 16 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	1,558.02	252.25
23 81 26 00-0005	EA	11,900 BTU Wall Mounted Ductless Split System Air Conditioner, 17 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	1,686.51	275.18
23 81 26 00-0006	EA	17,500 BTU Wall Mounted Ductless Split System Air Conditioners, 20 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,109.65	305.76
23 81 26 00-0007	EA	24,200 BTU Wall Mounted Ductless Split System Air Conditioners, 17 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,343.44	336.33
23 81 26 00-0008	EA	25,200 BTU Wall Mounted Ductless Split System Air Conditioners, 14.9 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,616.45	366.90
23 81 26 00-0009	EA	29,800 BTU Wall Mounted Ductless Split System Air Conditioners, 15 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,212.47	382.19
23 81 26 00-0010	EA	31,400 BTU Wall Mounted Ductless Split System Air Conditioners, 15.9 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,622.39	407.42

23 81 26 00-0011 Dual and Tri Zone Wall Mounted Ductless Split System Air Conditioners *(23 81 26 00-0002)*

Note: Use this section only when matching indoor and outdoor capacity units are not used.

23 81 26 00-0012	EA	7,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	670.87	122.30
23 81 26 00-0013	EA	9,000 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	708.91	129.95
23 81 26 00-0014	EA	11,900 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	747.61	137.59
23 81 26 00-0015	EA	17,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	845.72	145.24
23 81 26 00-0016	EA	24,200 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	904.65	152.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 00-0017	EA	19,700 BTU Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners, 16.5 SEER Note: Includes outdoor unit and refrigerant charge.	1,863.83	183.46
23 81 26 00-0018	EA	25,400 BTU Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners, 16.2 SEER Note: Includes outdoor unit and refrigerant charge.	2,062.01	198.74
23 81 26 00-0019	EA	30,600 BTU Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners, 17.6 SEER Note: Includes outdoor unit and refrigerant charge.	3,265.69	214.03
23 81 26 00-0020		Suspended Ceiling Mounted Ductless Split System Air Conditioners *(23 81 26 00-0002)* Note: Excludes hangers.		
23 81 26 00-0021	EA	24,400 BTU Ceiling Suspended Ductless Split System Air Conditioners, 14.5 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,873.26	366.90
23 81 26 00-0022	EA	31,200 BTU Ceiling Suspended Ductless Split System Air Conditioners, 15.1 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,720.23	438.00
23 81 26 00-0023	EA	39,000 BTU Ceiling Suspended Ductless Split System Air Conditioners, 15.6 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,764.25	458.63
23 81 26 00-0024		Recessed Ceiling Mounted Ductless Split System Air Conditioners *(23 81 26 00-0002)* Note: Excludes hangers.		
23 81 26 00-0025	EA	11,900 BTU Ceiling Recessed Ductless Split System Air Conditioners, 16 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,374.08	305.76
23 81 26 00-0026	EA	17,500 BTU Ceiling Recessed Ductless Split System Air Conditioners, 16 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,768.49	336.33
23 81 26 00-0027	EA	24,800 BTU Ceiling Recessed Ductless Split System Air Conditioners, 14.1 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,851.77	397.48
23 81 26 00-0028	EA	32,600 BTU Ceiling Recessed Ductless Split System Air Conditioners, 14.6 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,459.06	438.00
23 81 26 00-0029	EA	39,500 BTU Ceiling Recessed Ductless Split System Air Conditioners, 14.6 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,633.66	458.63
23 81 26 00-0030		Ductless Split System Accessories *(23 81 26 00-0002)*		
23 81 26 00-0031	LF	3" Line Set Cover, Rigid PVC Line Set Covers	7.65	1.10
23 81 26 00-0032	LF	4" Line Set Cover, Rigid PVC Line Set Covers	9.72	1.21
23 81 26 00-0033	LF	6" Line Set Cover, Rigid PVC Line Set Covers	11.99	1.33
23 81 26 00-0034	EA	3" Union Coupling, Rigid PVC Line Set Covers	12.98	2.05
23 81 26 00-0035	EA	4" Union Coupling, Rigid PVC Line Set Covers	21.49	2.26
23 81 26 00-0036	EA	6" Union Coupling, Rigid PVC Line Set Covers	24.43	2.49
23 81 26 00-0037	EA	3" 90 Degree Elbow, Rigid PVC Line Set Covers	31.60	4.11
23 81 26 00-0038	EA	4" 90 Degree Elbow, Rigid PVC Line Set Covers	50.88	4.52
23 81 26 00-0039	EA	6" 90 Degree Elbow, Rigid PVC Line Set Covers	56.75	4.97
23 81 26 00-0040	EA	3" 90 Degree Long Radius Elbow, Rigid PVC Line Set Covers	41.45	4.38
23 81 26 00-0041	EA	4" 90 Degree Long Radius Elbow, Rigid PVC Line Set Covers	48.42	4.82
23 81 26 00-0042	EA	6" 90 Degree Long Radius Elbow, Rigid PVC Line Set Covers	73.54	5.31
23 81 26 00-0043	EA	3" 45 Degree Elbow, Rigid PVC Line Set Covers	31.60	4.11
23 81 26 00-0044	EA	4" 45 Degree Elbow, Rigid PVC Line Set Covers	50.88	4.52
23 81 26 00-0045	EA	6" 45 Degree Elbow, Rigid PVC Line Set Covers	56.75	4.97
23 81 26 00-0046	EA	3" Wall Penetration Cover, Rigid PVC Line Set Covers	42.16	6.85
23 81 26 00-0047	EA	4" Wall Penetration Cover, Rigid PVC Line Set Covers	60.01	7.53
23 81 26 00-0048	EA	6" Wall Penetration Cover, Rigid PVC Line Set Covers	71.31	8.28
23 81 26 00-0049	EA	2-1/2" Wall Sleeve, Rigid PVC Line Set Covers	22.17	1.37
23 81 26 00-0050	EA	3" x 20" Flexible Joint, Rigid PVC Line Set Covers	25.96	4.11
23 81 26 00-0051	EA	4" x 20' Flexible Joint, Rigid PVC Line Set Covers	40.73	4.52
23 81 26 00-0052	EA	3" Duct End Termination, Rigid PVC Line Set Covers	23.71	4.11
23 81 26 00-0053	EA	4" Duct End Termination, Rigid PVC Line Set Covers	31.72	4.52
23 81 26 00-0054	EA	6" Duct End Termination, Rigid PVC Line Set Covers	34.22	4.97
23 81 26 00-0055	EA	4" T Joint, Rigid PVC Line Set Covers	105.61	5.48
23 81 26 00-0056	EA	6" T Joint, Rigid PVC Line Set Covers	119.67	6.03
23 81 26 00-0057	EA	14" Condensing Unit Mounting Blocks With End Caps	78.03	20.55
23 81 26 00-0058	EA	17" Condensing Unit Mounting Blocks With End Caps	85.57	21.91
23 81 26 00-0059	EA	36" Condensing Unit Mounting Blocks With End Caps	112.25	23.28
23 81 26 00-0060	EA	End Cap, Set of 4	11.26	
23 81 26 00-0061	EA	18" Condensing Unit Type 2 Wall Bracket, 165 LB Capacity	221.43	41.09
23 81 26 00-0062	EA	21" Condensing Unit Type 2 Wall Bracket, 220 LB Capacity	236.50	43.84
23 81 26 00-0063	LF	5/8" ID Condensate Drain Line	1.58	0.11
23 81 26 00-0064	LF	3/4" ID Condensate Drain Line	1.64	0.11
23 81 26 00-0065		Cased A/C Evaporator Coils *(23 81 26 00-0001)*		
23 81 26 00-0066		Vertical Cased A/C Evaporator Coils *(23 81 26 00-0065)*		
23 81 26 00-0067	EA	1-1/2 Ton Vertical Cased A/C Evaporator Coil	421.03	103.28
23 81 26 00-0068	EA	2 Ton Vertical Cased A/C Evaporator Coil	442.52	111.02
23 81 26 00-0069	EA	2-1/2 Ton Vertical Cased A/C Evaporator Coil	512.92	118.78
23 81 26 00-0070	EA	3 Ton Vertical Cased A/C Evaporator Coil	575.60	126.52
23 81 26 00-0071	EA	3-1/2 Ton Vertical Cased A/C Evaporator Coil	651.12	131.68
23 81 26 00-0072	EA	4 Ton Vertical Cased A/C Evaporator Coil	716.36	136.85
23 81 26 00-0073	EA	4-1/2 Ton Vertical Cased A/C Evaporator Coil	769.61	147.18
23 81 26 00-0074	EA	5 Ton Vertical Cased A/C Evaporator Coil	781.69	154.92
23 81 26 00-0075		"A" Style Horizontal Cased A/C Evaporator Coils *(23 81 26 00-0065)*		
23 81 26 00-0076	EA	2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	494.83	105.87
23 81 26 00-0077	EA	2-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	558.98	111.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 00-0078	EA	3 Ton "A" Style Horizontal Cased A/C Evaporator Coil	630.28	118.78
23 81 26 00-0079	EA	3-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	653.60	123.06
23 81 26 00-0080	EA	4 Ton "A" Style Horizontal Cased A/C Evaporator Coil	684.57	129.11
23 81 26 00-0081	EA	4-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	698.14	135.81
23 81 26 00-0082	EA	5 Ton "A" Style Horizontal Cased A/C Evaporator Coil	711.42	142.52
23 81 26 00-0083		Slab Style Horizontal Cased A/C Evaporator Coils *(23 81 26 00-0065)*		
23 81 26 00-0084	EA	2 Ton Slab Style Horizontal Cased A/C Evaporator Coil	445.93	105.87
23 81 26 00-0085	EA	3 Ton Slab Style Horizontal Cased A/C Evaporator Coil	526.47	118.78
23 81 26 00-0086	EA	4 Ton Slab Style Horizontal Cased A/C Evaporator Coil	600.49	129.11
23 81 26 00-0087	EA	5 Ton Slab Style Horizontal Cased A/C Evaporator Coil	710.56	142.52
23 81 26 00-0088		Mitsubishi City Multi, Variable Refrigerant Flow *(23 81 26 00-0001)*		
23 81 26 00-0089		Outdoor Units *(23 81 26 00-0088)*		
23 81 26 00-0090	EA	6 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P72YKMU-A)	12,405.60	401.30
23 81 26 00-0091	EA	8 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P96YKMU-A)	13,441.49	477.74
23 81 26 00-0092	EA	10 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P120YKMU-A)	15,117.58	573.29
23 81 26 00-0093	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YKMU-A)	18,643.80	592.40
23 81 26 00-0094	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YSKMU-A)	24,788.02	611.51
23 81 26 00-0095	EA	14 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P168YSKMU-A)	25,709.24	630.62
23 81 26 00-0096	EA	16 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P192YSKMU-A)	26,630.46	649.73
23 81 26 00-0097	EA	18 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P216YSKMU-A)	28,191.90	687.95
23 81 26 00-0098	EA	20 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P240YSKMU-A)	29,753.33	726.17
23 81 26 00-0099	EA	22 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P264YSKMU-A)	33,317.77	764.38
23 81 26 00-0100	EA	24 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P288YSKMU-A)	36,882.22	802.60
23 81 26 00-0101		Indoor Units *(23 81 26 00-0088)*		
23 81 26 00-0102	EA	6 MBH Cooling, 6.7 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P06NBMU-E2)	1,112.43	124.21
23 81 26 00-0103	EA	8 MBH Cooling, 9 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P08NHMU-E2)	1,169.54	133.76
23 81 26 00-0104	EA	12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P12NHMU-E2)	1,220.65	143.32
23 81 26 00-0105	EA	15 MBH Cooling, 17 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P15NHMU-E2)	1,281.76	152.87
23 81 26 00-0106	EA	18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P18NHMU-E2)	1,390.08	181.54
23 81 26 00-0107	EA	24 MBH Cooling, 27 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P24NKMU-E2)	1,554.52	219.76
23 81 26 00-0108	EA	30 MBH Cooling, 34 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P30NKMU-E2)	1,683.74	238.87
23 81 26 00-0109	EA	6 MBH Cooling, 6.7 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P06NMAU-E2)	1,607.27	136.63
23 81 26 00-0110	EA	8 MBH Cooling, 9 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P08NMAU-E2)	1,664.29	147.14
23 81 26 00-0111	EA	12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P12NMAU-E2)	1,755.31	157.66
23 81 26 00-0112	EA	15 MBH Cooling, 17 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P15NMAU-E2)	1,904.33	168.16
23 81 26 00-0113	EA	18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P18NMAU-E2)	2,012.39	199.69
23 81 26 00-0114	EA	24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P24NMAU-E2)	2,211.48	241.74
23 81 26 00-0115	EA	27 MBH Cooling, 30 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P27NMAU-E2)	2,325.49	252.25
23 81 26 00-0116	EA	30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P30NMAU-E2)	2,451.52	262.76
23 81 26 00-0117	EA	36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P36NMAU-E2)	2,719.07	289.03
23 81 26 00-0118	EA	48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P48NMAU-E2)	3,013.88	317.93
23 81 26 00-0119	EA	54 MBH Cooling, 60 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P54NMAU-E2)	3,262.46	349.73
23 81 26 00-0120	EA	72 MBH Cooling, 80 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P72NMHSU-E)	4,129.41	384.70
23 81 26 00-0121	EA	96 MBH Cooling, 108 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P96NMHSU-E)	4,686.35	423.17
23 81 26 00-0122	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P12NBMU-ER2)	1,793.31	157.66
23 81 26 00-0123	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P15NBMU-ER2)	1,891.33	168.16
23 81 26 00-0124	EA	18 MBH Cooling, 20 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P18NBMU-ER2)	1,999.39	199.69
23 81 26 00-0125	EA	24 MBH Cooling, 27 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P24NBMU-ER2)	2,243.48	241.74
23 81 26 00-0126	EA	30 MBH Cooling, 34 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P30NBMU-ER2)	2,416.52	262.76
23 81 26 00-0127	EA	36 MBH Cooling, 40 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P36NBMU-ER2)	2,949.07	289.03
23 81 26 00-0128	EA	6 MBH Cooling, 6.7 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P06NBMU-ER5)	1,643.27	136.63
23 81 26 00-0129	EA	8 MBH Cooling, 9 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P08NBMU-ER5)	1,728.29	147.14
23 81 26 00-0130	EA	12 MBH Cooling, 13.5 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P12NBMU-ER5)	1,857.31	157.66
23 81 26 00-0131	EA	15 MBH Cooling, 17 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P15NBMU-ER5)	1,955.33	168.16
23 81 26 00-0132	EA	8 MBH Cooling, 9 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P08NCMU-ER4)	1,523.29	147.14
23 81 26 00-0133	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P12NCMU-ER4)	1,601.31	157.66
23 81 26 00-0134	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P15NCMU-ER4)	1,683.33	168.16
23 81 26 00-0135		Controllers For Outdoor Units *(23 81 26 00-0088)*		
23 81 26 00-0136	EA	8 Branch (Main BC) (Mitsubishi CMB-P108NU-GA)	5,506.32	114.65
23 81 26 00-0137	EA	10 Branch (Main BC) (Mitsubishi CMB-P1010NU-GA)	6,353.54	133.76
23 81 26 00-0138	EA	13 Branch (Main BC) (Mitsubishi CMB-P1013NU-GA)	7,367.76	152.87
23 81 26 00-0139	EA	16 Branch (Main BC) (Mitsubishi CMB-P1016NU-HA)	8,743.97	171.99
23 81 26 00-0140	EA	4 Branch (Sub BC) (Mitsubishi CMB-P104NU-GB)	3,214.87	76.44
23 81 26 00-0141	EA	8 Branch (Sub BC) (Mitsubishi CMB-P108NU-GB)	4,952.32	114.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 00-0142	EA	16 Branch (Sub BC) (Mitsubishi CMB-P1016NU-HB)	7,569.97	171.99
23 81 26 00-0143	EA	ME Remote Controller (Mitsubishi PAR-F27MEA-US)	430.87	15.29
23 81 26 00-0144	EA	AG-150 Standard Package (Mitsubishi AG-150A-Standard)	4,453.87	15.29
23 81 26 00-0145	EA	GB-50ADA Standard Package (Mitsubishi GB-50ADA-A)	2,715.87	15.29

23 81 26 00-0146 Energy Recovery Units *(23 81 26 00-0088)*

23 81 26 00-0147	EA	36.2 MBH Cooling, 39.9 MBH Heating Hydronic Heat Exchanger Auxiliary Unit (Mitsubishi PWFY-P36NMU-E-AU)	4,082.32	114.65
23 81 26 00-0148	EA	39.9 MBH Hydronic Heat Exchanger Booster Unit (Mitsubishi PWFY-P36NMU-E-BU)	7,717.32	114.65
23 81 26 00-0149	EA	112 MBH Cooling, 61.4 MBH Heating Reheat Unit (Mitsubishi PEFY-AF1200CFMR)	7,829.54	133.76
23 81 26 00-0150	EA	Lossnay Energy Recovery Ventilator ERV, 300 CFM (Mitsubishi LGH-F300RX5-E)	1,631.10	95.55
23 81 26 00-0151	EA	Lossnay Energy Recovery Ventilator ERV, 470 CFM (Mitsubishi LGH-F470RX5-E)	2,076.74	99.37
23 81 26 00-0152	EA	Lossnay Energy Recovery Ventilator ERV, 600 CFM (Mitsubishi LGH-F600RX5-E)	2,475.38	103.19
23 81 26 00-0153	EA	Lossnay Energy Recovery Ventilator ERV, 1200 CFM (Mitsubishi LGH-F1200RX3-E)	4,507.32	114.65

23 81 26 00-0154 Piping Specialties *(23 81 26 00-0088)*

23 81 26 00-0155	EA	Maintenance Tool Interface (Mitsubishi CMS-MNG-E)	570.00	
23 81 26 00-0156	EA	Branch Joint (Mitsubishi CMY-Y102SS-G2)	155.47	30.13
23 81 26 00-0157	EA	Branch Joint (Mitsubishi CMY-Y102LS-G2)	155.47	30.13
23 81 26 00-0158	EA	Branch Joint (Mitsubishi CMY-Y202S-G2)	172.44	31.72
23 81 26 00-0159	EA	Branch Joint (Mitsubishi CMY-Y302S-G2)	215.36	35.69
23 81 26 00-0160	EA	Header - 4 Branch (Mitsubishi CMY-Y64-G-E)	282.08	51.55
23 81 26 00-0161	EA	Header - 8 Branch (Mitsubishi CMY-Y68-G-E)	481.17	103.08
23 81 26 00-0162	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 3/8" (Mitsubishi BV38FFSI)	78.38	12.69
23 81 26 00-0163	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 5/8" (Mitsubishi BV58FFSI)	88.89	17.44

23 81 29 Split System Heat Pumps *(23 81)*

23 81 29 00-0001 Air Cooled, Outdoor Section *(23 81 29)*

23 81 29 00-0002	EA	1.5 Ton 13 SEER Outdoor Heat Pump Unit	1,243.49	246.51
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*241.27*	
		For Winterstart Control, Add	*72.15*	
		For SEER 14 Rating, Add	*182.70*	
23 81 29 00-0003	EA	2 Ton 13 SEER Outdoor Heat Pump Unit	1,332.41	273.90
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*259.71*	
		For Winterstart Control, Add	*78.20*	
		For SEER 14 Rating, Add	*192.65*	
23 81 29 00-0004	EA	2.5 Ton 13 SEER Outdoor Heat Pump Unit	1,524.73	317.90
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*297.72*	
		For Winterstart Control, Add	*89.87*	
		For SEER 14 Rating, Add	*219.10*	
23 81 29 00-0005	EA	3 Ton 13 SEER Outdoor Heat Pump Unit	1,704.72	365.20
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*276.50*	
		For Winterstart Control, Add	*101.39*	
		For SEER 14 Rating, Add	*241.79*	
23 81 29 00-0006	EA	3.5 Ton 13 SEER Outdoor Heat Pump Unit	1,915.10	379.31
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*304.51*	
		For Winterstart Control, Add	*111.08*	
		For SEER 14 Rating, Add	*281.50*	
23 81 29 00-0007	EA	4 Ton 13 SEER Outdoor Heat Pump Unit	2,092.84	435.75
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*332.07*	
		For Winterstart Control, Add	*121.06*	
		For SEER 14 Rating, Add	*308.77*	
23 81 29 00-0008	EA	5 Ton 13 SEER Outdoor Heat Pump Unit	2,291.58	479.33
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*251.53*	
		For Winterstart Control, Add	*84.54*	
		For SEER 14 Rating, Add	*337.43*	
23 81 29 00-0009	EA	7.5 Ton 13 SEER Outdoor Heat Pump Unit	5,985.77	535.08
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*452.16*	
		For Winterstart Control, Add	*128.65*	
		For SEER 14 Rating, Add	*1,096.49*	
23 81 29 00-0010	EA	10 Ton 13 SEER Outdoor Heat Pump Unit	8,310.46	642.08
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*310.29*	
		For Winterstart Control, Add	*165.79*	
		For SEER 14 Rating, Add	*1,552.26*	
23 81 29 00-0011	EA	15 Ton 13 SEER Outdoor Heat Pump Unit	10,961.82	749.10
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*347.50*	
		For Winterstart Control, Add	*205.70*	
		For SEER 14 Rating, Add	*2,077.79*	
23 81 29 00-0012	EA	20 Ton 13 SEER Outdoor Heat Pump Unit	15,192.16	802.60
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*367.19*	
		For Winterstart Control, Add	*255.09*	
		For SEER 14 Rating, Add	*2,949.62*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 29 00-0013		**Indoor Section, Horizontal Upflow** *(23 81 29)* Note: Electric heat. Includes throwaway filters.		
23 81 29 00-0014	EA	2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,028.43	81.79
		For Additional 5 KW Electric Heat, Add	*94.62*	
23 81 29 00-0015	EA	2-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,128.94	101.89
		For Additional 5 KW Electric Heat, Add	*102.70*	
23 81 29 00-0016	EA	3 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,171.69	123.07
		For Additional 5 KW Electric Heat, Add	*104.84*	
23 81 29 00-0017	EA	3-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,588.42	144.09
		For Additional 5 KW Electric Heat, Add	*144.42*	
23 81 29 00-0018	EA	4 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	1,625.24	162.43
		For Additional 5 KW Electric Heat, Add	*146.26*	
23 81 29 00-0019	EA	5 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	1,800.26	186.51
		For Additional 5 KW Electric Heat, Add	*161.38*	
23 81 29 00-0020	EA	7-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	3,879.96	305.76
		For Additional 5 KW Electric Heat, Add	*357.42*	
23 81 29 00-0021	EA	10 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 kW Electric Heat	5,765.04	343.97
		For Additional 5 KW Electric Heat, Add	*542.11*	
23 81 29 00-0022	EA	15 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15KW Electric Heat	8,129.67	382.19
		For Additional 5 KW Electric Heat, Add	*774.75*	
23 81 29 00-0023	EA	20 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat	9,229.77	458.63
		For Additional 5 KW Electric Heat, Add	*877.11*	
23 81 29 00-0024		**Ductless Split System Heat Pumps** *(23 81 29)* Note: Excludes refrigerant piping, electrical, and pad. Sanyo units or equal. See CSI section 23 81 26 00-0030 for accessories.		
23 81 29 00-0025		**Wall Mounted Ductless Split System Heat Pumps** *(23 81 29 00-0024)*		
23 81 29 00-0026	EA	9,000 BTU Cooling, 12,200 BTU Heating Wall Mounted Ductless Split System Heat Pumps, 16 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	1,688.61	252.25
23 81 29 00-0027	EA	11,900 BTU Cooling, 13,300 BTU Heating Wall Mounted Ductless Split System Heat Pumps, 17 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	1,865.41	275.18
23 81 29 00-0028	EA	17,500 BTU Cooling, 20,400 BTU Heating Wall Mounted Ductless Split System Heat Pumps, 20 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,276.79	305.76
23 81 29 00-0029	EA	24,200 BTU Cooling, 29,000 BTU Heating Wall Mounted Ductless Split System Heat Pumps, 17 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,620.93	336.33
23 81 29 00-0030	EA	25,200 BTU Cooling, 29,200 BTU Heating Wall Mounted Ductless Split System Heat Pumps, 14.9 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,720.48	366.90
23 81 29 00-0031	EA	29,800 BTU Cooling, 34,800 BTU Heating Wall Mounted Ductless Split System Heat Pumps, 15 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,311.72	382.19
23 81 29 00-0032	EA	31,400 BTU Cooling, 36,400 BTU Heating Wall Mounted Ductless Split System Heat Pumps, 15.9 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,730.12	407.42
23 81 29 00-0033		**Dual and Tri Zone Wall Mounted Ductless Split System Heat Pumps** *(23 81 29 00-0024)* Note: Use this section only when matching indoor and outdoor capacity units are not used.		
23 81 29 00-0034	EA	7,500 BTU Cooling, 8,500 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	699.59	122.30
23 81 29 00-0035	EA	9,000 BTU Cooling, 12,200 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	738.29	129.95
23 81 29 00-0036	EA	11,900 BTU Cooling, 14,300 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	777.64	137.59
23 81 29 00-0037	EA	17,500 BTU Cooling, 20,400 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	885.55	145.24
23 81 29 00-0038	EA	24,200 BTU Cooling, 29,000 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	943.82	152.87
23 81 29 00-0039	EA	19,700 BTU Cooling, 24,800 BTU Heating Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps, 16.4 SEER Note: Includes outdoor unit and refrigerant charge.	2,105.41	183.46
23 81 29 00-0040	EA	23,200 BTU Cooling, 29,200 BTU Heating Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps, 16.5 SEER Note: Includes outdoor unit and refrigerant charge.	2,496.20	198.74
23 81 29 00-0041	EA	30,600 BTU Cooling, 32,000 BTU Heating Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps, 17.2 SEER Note: Includes outdoor unit and refrigerant charge.	4,053.76	214.03
23 81 29 00-0042		**Suspended Ceiling Mounted Ductless Split System Heat Pumps** *(23 81 29 00-0024)* Note: Excludes hangers.		
23 81 29 00-0043	EA	24,400 BTU Cooling, 30,800 BTU Heating Ceiling Suspended Ductless Split System Heat Pumps, 14.5 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,977.73	366.90
23 81 29 00-0044	EA	31,200 BTU Cooling, 37,400 BTU Heating Ceiling Suspended Ductless Split System Heat Pumps, 15.1 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,827.96	438.00
23 81 29 00-0045	EA	39,000 BTU Cooling, 44,500 BTU Heating Ceiling Suspended Ductless Split System Heat Pumps, 15.6 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,829.54	458.63
23 81 29 00-0046		**Recessed Ceiling Mounted Ductless Split System Heat Pumps** *(23 81 29 00-0024)* Note: Excludes hangers.		
23 81 29 00-0047	EA	11,900 BTU Cooling, 13,600 BTU Heating Ceiling Recessed Ductless Split System Heat Pumps, 16 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,635.24	305.76
23 81 29 00-0048	EA	17,500 BTU Cooling, 20,400 BTU Heating Ceiling Recessed Ductless Split System Heat Pumps, 16 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,988.52	336.33
23 81 29 00-0049	EA	24,800 BTU Cooling, 29,800 BTU Heating Ceiling Recessed Ductless Split System Heat Pumps, 14.1 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,956.24	397.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 29 00-0050	EA	32,600 BTU Cooling, 37,600 BTU Heating Ceiling Recessed Ductless Split System Heat Pumps, 14.6 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,566.79	438.00
23 81 29 00-0051	EA	39,500 BTU Cooling, 48,000 BTU Heating Ceiling Recessed Ductless Split System Heat Pumps, 14.6 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,698.96	458.63

23 81 43 Air-Source Unitary Heat Pumps *(23 81)*

23 81 43 00-0001 Single Package Thru-Wall Heat Pumps *(23 81 43)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Through the wall units are wired for 230/208 V, 1 phase, 60 HZ. With electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls all mounted in a steel cabinet, wall sleeve and outdoor grille.

23 81 43 00-0002	EA	1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	1,807.41	144.55
		For Unit Economizer, Add	*211.11*	
		For >35 To 70, Deduct	*-45.55*	
		For >70 To 100, Deduct	*-75.91*	
		For >100, Deduct	*-106.28*	
		For Low Ambient Protection, 0 Degree F, Add	*208.93*	
23 81 43 00-0003	EA	1 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	1,996.58	154.85
		For Unit Economizer, Add	*233.40*	
		For >35 To 70, Deduct	*-50.61*	
		For >70 To 100, Deduct	*-84.35*	
		For >100, Deduct	*-118.09*	
		For Low Ambient Protection, 0 Degree F, Add	*229.23*	
23 81 43 00-0004	EA	1-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	3,413.60	154.85
		For Unit Economizer, Add	*403.44*	
		For >35 To 70, Deduct	*-93.12*	
		For >70 To 100, Deduct	*-155.20*	
		For >100, Deduct	*-217.28*	
		For Low Ambient Protection, 0 Degree F, Add	*356.77*	
23 81 43 00-0005	EA	2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	3,737.90	162.14
		For Unit Economizer, Add	*441.94*	
		For >35 To 70, Deduct	*-102.23*	
		For >70 To 100, Deduct	*-170.38*	
		For >100, Deduct	*-238.53*	
		For Low Ambient Protection, 0 Degree F, Add	*184.80*	
23 81 43 00-0006	EA	2-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,226.68	173.17
		For Unit Economizer, Add	*500.27*	
		For >35 To 70, Deduct	*-116.40*	
		For >70 To 100, Deduct	*-194.00*	
		For >100, Deduct	*-271.60*	
		For Low Ambient Protection, 0 Degree F, Add	*203.08*	
23 81 43 00-0007	EA	3 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,411.07	164.35
		For Unit Economizer, Add	*522.75*	
		For >35 To 70, Deduct	*-122.47*	
		For >70 To 100, Deduct	*-204.12*	
		For >100, Deduct	*-285.77*	
		For Low Ambient Protection, 0 Degree F, Add	*612.88*	
23 81 43 00-0008	EA	3-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,966.15	171.99
		For Unit Economizer, Add	*589.06*	
		For >35 To 70, Deduct	*-138.67*	
		For >70 To 100, Deduct	*-231.11*	
		For >100, Deduct	*-323.55*	
		For Low Ambient Protection, 0 Degree F, Add	*686.87*	
23 81 43 00-0009	EA	4 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	5,487.57	179.63
		For Unit Economizer, Add	*651.32*	
		For >35 To 70, Deduct	*-153.85*	
		For >70 To 100, Deduct	*-256.41*	
		For >100, Deduct	*-358.98*	
		For Low Ambient Protection, 0 Degree F, Add	*756.50*	
23 81 43 00-0010	EA	5 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	6,317.01	206.38
		For Unit Economizer, Add	*749.79*	
		For >35 To 70, Deduct	*-177.13*	
		For >70 To 100, Deduct	*-295.21*	
		For >100, Deduct	*-413.30*	
		For Low Ambient Protection, 0 Degree F, Add	*870.74*	
23 81 43 00-0011	EA	7-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	11,592.57	246.13
		For Unit Economizer, Add	*1,381.26*	
		For >35 To 70, Deduct	*-333.00*	
		For >70 To 100, Deduct	*-555.00*	
		For >100, Deduct	*-777.00*	
		For Low Ambient Protection, 0 Degree F, Add	*1,566.14*	
23 81 43 00-0012	EA	10 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	14,964.83	329.96
		For Unit Economizer, Add	*1,782.59*	
		For >35 To 70, Deduct	*-429.16*	
		For >70 To 100, Deduct	*-715.26*	
		For >100, Deduct	*-1,001.37*	
		For Low Ambient Protection, 0 Degree F, Add	*307.95*	
23 81 43 00-0013	EA	12-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	18,273.69	364.82
		For Unit Economizer, Add	*2,178.25*	
		For >35 To 70, Deduct	*-526.32*	
		For >70 To 100, Deduct	*-877.21*	
		For >100, Deduct	*-1,228.09*	
		For Low Ambient Protection, 0 Degree F, Add	*357.83*	
23 81 43 00-0014	EA	15 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	22,553.48	411.84
		For Unit Economizer, Add	*2,689.90*	
		For >35 To 70, Deduct	*-651.83*	
		For >70 To 100, Deduct	*-1,086.39*	
		For >100, Deduct	*-1,520.94*	
		For Low Ambient Protection, 0 Degree F, Add	*423.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0015	EA	20 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	30,042.06	445.89
		For Unit Economizer, Add	*3,587.21*	
		For >35 To 70, Deduct	*-874.51*	
		For >70 To 100, Deduct	*-1,457.51*	
		For >100, Deduct	*-2,040.52*	
		For Low Ambient Protection, 0 Degree F, Add	*514.45*	
23 81 43 00-0016	EA	25 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	36,195.97	486.43
		For Unit Economizer, Add	*4,324.06*	
		For >35 To 70, Deduct	*-1,056.70*	
		For >70 To 100, Deduct	*-1,761.16*	
		For >100, Deduct	*-2,465.63*	
		For Low Ambient Protection, 0 Degree F, Add	*595.41*	

23 81 43 00-0017 Single Package Vertical Wall Heat Pumps *(23 81 43)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 V, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan.

23 81 43 00-0018	EA	1/2 Ton Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	2,771.38	202.67
23 81 43 00-0019	EA	1 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	3,365.99	216.46
23 81 43 00-0020	EA	1-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	4,355.65	227.00
23 81 43 00-0021	EA	2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	4,995.64	247.26
23 81 43 00-0022	EA	2-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	6,251.77	289.02
23 81 43 00-0023	EA	3 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	6,641.68	305.76
23 81 43 00-0024	EA	3-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	7,202.40	343.97
23 81 43 00-0025	EA	4 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	8,107.78	382.19
23 81 43 00-0026	EA	5 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	9,141.16	458.63

23 81 43 00-0027 Packaged Rooftop Heat Pump Units *(23 81 43)*

Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Units placed on roof by crane.

23 81 43 00-0028	EA	2 Ton Packaged Rooftop Heat Pump	5,716.55	488.23
		For Economizer With Outside Air Control, Add	*1,483.64*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*237.01*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-138.75*	
23 81 43 00-0029	EA	2.5 Ton Packaged Rooftop Heat Pump	5,983.51	517.52
		For Economizer With Outside Air Control, Add	*1,556.70*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*247.42*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-147.08*	
23 81 43 00-0030	EA	3 Ton Packaged Rooftop Heat Pump	6,322.06	556.58
		For Economizer With Outside Air Control, Add	*1,650.45*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*260.45*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-158.18*	
23 81 43 00-0031	EA	3.5 Ton Packaged Rooftop Heat Pump	6,784.24	600.52
		For Economizer With Outside Air Control, Add	*1,549.66*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*279.16*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-170.67*	
23 81 43 00-0032	EA	4 Ton Packaged Rooftop Heat Pump	7,246.43	644.45
		For Economizer With Outside Air Control, Add	*1,657.23*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*297.88*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-183.16*	
23 81 43 00-0033	EA	5 Ton Packaged Rooftop Heat Pump	7,767.38	695.72
		For Economizer With Outside Air Control, Add	*1,779.63*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*255.04*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-197.73*	
23 81 43 00-0034	EA	6 Ton Packaged Rooftop Heat Pump	8,776.53	738.44
		For Economizer With Outside Air Control, Add	*1,979.38*	
		For Economizer With Outside Air Control, Add	*1,541.40*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*218.99*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-209.87*	
23 81 43 00-0035	EA	7.5 Ton Packaged Rooftop Heat Pump	11,650.19	781.16
		For Economizer With Outside Air Control, Add	*1,991.70*	
		For Economizer With Outside Air Control, Add	*1,890.82*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*302.64*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-222.01*	
23 81 43 00-0036	EA	8.5 Ton Packaged Rooftop Heat Pump	13,070.60	829.98
		For Economizer With Outside Air Control, Add	*2,085.15*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*342.32*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-235.88*	
23 81 43 00-0037	EA	10 Ton Packaged Rooftop Heat Pump	14,157.23	878.80
		For Economizer With Outside Air Control, Add	*2,118.76*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*247.99*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-249.76*	
23 81 43 00-0038	EA	12.5 Ton Packaged Rooftop Heat Pump	16,602.96	976.44
		For Economizer With Outside Air Control, Add	*2,441.46*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*293.00*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-277.51*	
23 81 43 00-0039	EA	15 Ton Packaged Rooftop Heat Pump	19,048.68	1,074.09
		For Economizer With Outside Air Control, Add	*2,764.14*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*338.01*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-305.26*	
23 81 43 00-0040	EA	17.5 Ton Packaged Rooftop Heat Pump	21,272.43	1,122.91
		For Economizer With Outside Air Control, Add	*2,986.52*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*382.49*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-305.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0041	EA	20 Ton Packaged Rooftop Heat Pump	23,691.48	1,171.74
		For Economizer With Outside Air Control, Add	*3,306.54*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*426.96*	
		For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	*-333.01*	

23 81 43 00-0042 Heat Pump, Room Air-Conditioners *(23 81 43)*

Note: Includes throwaway filters and supplemental heat.

23 81 43 00-0043 Heat Pump, Window Unit, Room Air-Conditioners *(23 81 43 00-0042)*

23 81 43 00-0044 115 Volt, Heat Pump, Window Unit, Room Air-Conditioners *(23 81 43 00-0043)*

23 81 43 00-0045	EA	9,000 BTUH, 115 Volt, Heat Pump, Heating And Cooling, Window Unit, Room Air-Conditioner	1,486.34	68.69
		For >10 To 50, Deduct	*-67.45*	
		For >50 To 75, Deduct	*-94.43*	
		For >75 To 100, Deduct	*-134.90*	
		For >100, Deduct	*-161.88*	

23 81 43 00-0046 230/208 Volt, Heat Pump, Window Unit, Room Air-Conditioners *(23 81 43 00-0043)*

23 81 43 00-0047	EA	12,000 BTUH, 230/208 Volt, Heat Pump, Heating And Cooling, Window Unit, Room Air-Conditioner	1,475.56	103.28
		For >10 To 50, Deduct	*-63.45*	
		For >50 To 75, Deduct	*-88.83*	
		For >75 To 100, Deduct	*-126.90*	
		For >100, Deduct	*-152.28*	
23 81 43 00-0048	EA	18,000 BTUH, 230/208 Volt, Heat Pump, Heating And Cooling, Window Unit, Room Air-Conditioner	1,736.05	142.01
		For >10 To 50, Deduct	*-72.60*	
		For >50 To 75, Deduct	*-101.64*	
		For >75 To 100, Deduct	*-145.20*	
		For >100, Deduct	*-174.24*	
23 81 43 00-0049	EA	24,000 BTUH, 230/208 Volt, Heat Pump, Heating And Cooling, Window Unit, Room Air-Conditioner	2,137.52	185.91
		For >10 To 50, Deduct	*-88.30*	
		For >50 To 75, Deduct	*-123.62*	
		For >75 To 100, Deduct	*-176.60*	
		For >100, Deduct	*-211.92*	

23 81 43 00-0050 Heat Pump, Through-The-Wall, Room Air-Conditioners *(23 81 43 00-0042)*

23 81 43 00-0051 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioners *(23 81 43 00-0050)*

23 81 43 00-0052	EA	9,000 BTU, 230/208 Volt, Heat Pump, Heating And Cooling, Through-The-Wall, Room Air-Conditioner	1,316.36	68.69
		For >10 To 50, Deduct	*-58.95*	
		For >50 To 75, Deduct	*-82.53*	
		For >75 To 100, Deduct	*-117.90*	
		For >100, Deduct	*-141.48*	
23 81 43 00-0053	EA	12,000 BTU, 230/208 Volt, Heat Pump, Heating And Cooling, Through-The-Wall, Room Air-Conditioner	1,455.56	103.28
		For >10 To 50, Deduct	*-62.45*	
		For >50 To 75, Deduct	*-87.43*	
		For >75 To 100, Deduct	*-124.90*	
		For >100, Deduct	*-149.88*	

23 82 Convection Heating And Cooling Units *(23 80)*

23 82 16 Air Coils *(23 82)*

23 82 16 00-0001 Chilled Water Cooling Coils *(23 82 16)*

Note: Flanged construction, 16 gauge galvanized steel casing.

23 82 16 00-0002 2 Row Chilled Water Cooling Coils *(23 82 16 00-0001)*

23 82 16 00-0003	EA	12" x 12" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	872.83	51.64
23 82 16 00-0004	EA	12" x 24" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,428.35	70.23
23 82 16 00-0005	EA	24" x 30" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,943.93	110.51
23 82 16 00-0006	EA	24" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,384.01	158.02
23 82 16 00-0007	EA	30" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,567.23	194.17
23 82 16 00-0008	EA	30" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,896.80	235.48
23 82 16 00-0009	EA	30" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,132.81	272.66
23 82 16 00-0010	EA	30" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,421.33	481.70
23 82 16 00-0011	EA	34" x 32" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,010.66	183.12
23 82 16 00-0012	EA	34" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,654.07	311.80
23 82 16 00-0013	EA	34" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,980.80	387.31
23 82 16 00-0014	EA	34" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,337.85	467.76
23 82 16 00-0015	EA	34" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,677.23	544.70

23 82 16 00-0016 4 Row Chilled Water Cooling Coils *(23 82 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0017	EA	12" x 12" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,093.77	107.41
23 82 16 00-0018	EA	12" x 24" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,743.35	154.92
23 82 16 00-0019	EA	24" x 30" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,420.03	258.20
23 82 16 00-0020	EA	24" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,020.11	383.17
23 82 16 00-0021	EA	30" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,516.14	469.93
23 82 16 00-0022	EA	30" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,193.37	574.24
23 82 16 00-0023	EA	30" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,715.76	688.88
23 82 16 00-0024	EA	30" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,726.61	801.87
23 82 16 00-0025	EA	34" x 32" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,829.98	346.10
23 82 16 00-0026	EA	34" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,680.65	520.54
23 82 16 00-0027	EA	34" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,119.71	645.51
23 82 16 00-0028	EA	34" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,678.48	777.70
23 82 16 00-0029	EA	34" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,182.41	909.18
23 82 16 00-0030		6 Row Chilled Water Cooling Coils *(23 82 16 00-0001)*		
23 82 16 00-0031	EA	12" x 12" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,531.12	136.33
23 82 16 00-0032	EA	12" x 24" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,840.08	202.43
23 82 16 00-0033	EA	24" x 30" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,562.89	344.96
23 82 16 00-0034	EA	24" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,522.18	516.40
23 82 16 00-0035	EA	30" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,600.40	645.51
23 82 16 00-0036	EA	30" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,279.05	794.23
23 82 16 00-0037	EA	30" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,153.69	938.82
23 82 16 00-0038	EA	30" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,031.70	1,094.05
23 82 16 00-0039	EA	34" x 32" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,576.85	472.92
23 82 16 00-0040	EA	34" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,667.31	709.33
23 82 16 00-0041	EA	34" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,333.30	888.21
23 82 16 00-0042	EA	34" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,977.63	1,067.00
23 82 16 00-0043	EA	34" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,623.11	1,241.33
23 82 16 00-0044		8 Row Chilled Water Cooling Coils *(23 82 16 00-0001)*		
23 82 16 00-0045	EA	12" x 12" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,909.35	164.21
23 82 16 00-0046	EA	12" x 24" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,378.16	252.01
23 82 16 00-0047	EA	24" x 30" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,607.11	449.28
23 82 16 00-0048	EA	24" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,862.19	688.88
23 82 16 00-0049	EA	30" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,865.41	861.36
23 82 16 00-0050	EA	30" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,839.33	1,032.81
23 82 16 00-0051	EA	30" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,830.31	1,147.45
23 82 16 00-0052	EA	30" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,985.87	1,330.98
23 82 16 00-0053	EA	34" x 32" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,112.64	576.31
23 82 16 00-0054	EA	34" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,387.60	866.42
23 82 16 00-0055	EA	34" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,161.79	1,079.29
23 82 16 00-0056	EA	34" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,906.21	1,291.01
23 82 16 00-0057	EA	34" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,695.65	1,518.85
23 82 16 00-0058		Direct Expansion Cooling Coils *(23 82 16)* Note: Flanged construction 16 gauge galvanized steel casing.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0059		**2 Row Direct Expansion Cooling Coils** *(23 82 16 00-0058)*		
23 82 16 00-0060	EA	12" x 12" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	746.90	77.47
		For 10 Fins Per Inch, Add	*11.83*	
		For 12 Fins Per Inch, Add	*29.58*	
23 82 16 00-0061	EA	12" x 24" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,396.13	106.38
		For 10 Fins Per Inch, Add	*23.66*	
		For 12 Fins Per Inch, Add	*59.16*	
23 82 16 00-0062	EA	24" x 30" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,943.93	167.31
		For 10 Fins Per Inch, Add	*32.22*	
		For 12 Fins Per Inch, Add	*80.54*	
23 82 16 00-0063	EA	24" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,384.01	240.64
		For 10 Fins Per Inch, Add	*38.07*	
		For 12 Fins Per Inch, Add	*95.18*	
23 82 16 00-0064	EA	30" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,786.68	294.35
		For 10 Fins Per Inch, Add	*43.93*	
		For 12 Fins Per Inch, Add	*109.83*	
23 82 16 00-0065	EA	30" x 60" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,143.07	356.32
		For 10 Fins Per Inch, Add	*48.62*	
		For 12 Fins Per Inch, Add	*121.54*	
23 82 16 00-0066	EA	30" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,608.48	413.12
		For 10 Fins Per Inch, Add	*55.64*	
		For 12 Fins Per Inch, Add	*139.11*	
23 82 16 00-0067	EA	30" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,490.05	481.70
		For 10 Fins Per Inch, Add	*70.53*	
		For 12 Fins Per Inch, Add	*176.33*	
23 82 16 00-0068	EA	34" x 32" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,722.08	183.12
		For 10 Fins Per Inch, Add	*27.12*	
		For 12 Fins Per Inch, Add	*67.79*	
23 82 16 00-0069	EA	34" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,297.75	311.80
		For 10 Fins Per Inch, Add	*33.48*	
		For 12 Fins Per Inch, Add	*83.70*	
23 82 16 00-0070	EA	34" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,916.27	467.76
		For 10 Fins Per Inch, Add	*39.62*	
		For 12 Fins Per Inch, Add	*99.04*	
23 82 16 00-0071	EA	34" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,223.04	544.70
		For 10 Fins Per Inch, Add	*42.67*	
		For 12 Fins Per Inch, Add	*106.68*	
23 82 16 00-0072		**4 Row Direct Expansion Cooling Coils** *(23 82 16 00-0058)*		
23 82 16 00-0073	EA	12" x 12" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,219.70	107.41
		For 10 Fins Per Inch, Add	*20.09*	
		For 12 Fins Per Inch, Add	*50.23*	
23 82 16 00-0074	EA	12" x 24" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,743.35	154.92
		For 10 Fins Per Inch, Add	*28.70*	
		For 12 Fins Per Inch, Add	*71.75*	
23 82 16 00-0075	EA	24" x 30" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,420.03	258.20
		For 10 Fins Per Inch, Add	*38.07*	
		For 12 Fins Per Inch, Add	*95.18*	
23 82 16 00-0076	EA	24" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,020.11	383.17
		For 10 Fins Per Inch, Add	*45.10*	
		For 12 Fins Per Inch, Add	*112.75*	
23 82 16 00-0077	EA	30" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,516.14	469.93
		For 10 Fins Per Inch, Add	*51.54*	
		For 12 Fins Per Inch, Add	*128.86*	
23 82 16 00-0078	EA	30" x 60" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,193.37	574.24
		For 10 Fins Per Inch, Add	*60.92*	
		For 12 Fins Per Inch, Add	*152.29*	
23 82 16 00-0079	EA	30" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,715.76	688.88
		For 10 Fins Per Inch, Add	*66.77*	
		For 12 Fins Per Inch, Add	*166.93*	
23 82 16 00-0080	EA	30" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,726.61	801.87
		For 10 Fins Per Inch, Add	*62.46*	
		For 12 Fins Per Inch, Add	*156.14*	
23 82 16 00-0081	EA	34" x 32" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,829.98	346.10
		For 10 Fins Per Inch, Add	*42.76*	
		For 12 Fins Per Inch, Add	*106.89*	
23 82 16 00-0082	EA	34" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,680.65	520.54
		For 10 Fins Per Inch, Add	*52.79*	
		For 12 Fins Per Inch, Add	*131.98*	
23 82 16 00-0083	EA	34" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,677.53	915.59
		For 10 Fins Per Inch, Add	*76.93*	
		For 12 Fins Per Inch, Add	*192.32*	
23 82 16 00-0084	EA	34" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,517.72	1,067.00
		For 10 Fins Per Inch, Add	*87.68*	
		For 12 Fins Per Inch, Add	*219.19*	
23 82 16 00-0085		**6 Row Direct Expansion Cooling Coils** *(23 82 16 00-0058)*		
23 82 16 00-0086	EA	12" x 12" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,560.40	135.30
		For 10 Fins Per Inch, Add	*25.77*	
		For 12 Fins Per Inch, Add	*64.43*	
23 82 16 00-0087	EA	12" x 24" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,840.08	202.43
		For 10 Fins Per Inch, Add	*28.70*	
		For 12 Fins Per Inch, Add	*71.75*	
23 82 16 00-0088	EA	24" x 30" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,709.32	344.96
		For 10 Fins Per Inch, Add	*40.42*	
		For 12 Fins Per Inch, Add	*101.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0089	EA	24" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,522.18	516.40
		For 10 Fins Per Inch, Add	*49.79*	
		For 12 Fins Per Inch, Add	*124.47*	
23 82 16 00-0090	EA	30" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,600.40	645.51
		For 10 Fins Per Inch, Add	*66.19*	
		For 12 Fins Per Inch, Add	*165.47*	
23 82 16 00-0091	EA	30" x 60" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,279.05	794.23
		For 10 Fins Per Inch, Add	*73.80*	
		For 12 Fins Per Inch, Add	*184.51*	
23 82 16 00-0092	EA	30" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,153.69	938.82
		For 10 Fins Per Inch, Add	*85.52*	
		For 12 Fins Per Inch, Add	*213.79*	
23 82 16 00-0093	EA	30" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,031.70	1,094.05
		For 10 Fins Per Inch, Add	*76.87*	
		For 12 Fins Per Inch, Add	*192.18*	
23 82 16 00-0094	EA	34" x 32" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,576.85	472.92
		For 10 Fins Per Inch, Add	*52.62*	
		For 12 Fins Per Inch, Add	*131.55*	
23 82 16 00-0095	EA	34" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,667.31	709.33
		For 10 Fins Per Inch, Add	*64.97*	
		For 12 Fins Per Inch, Add	*162.43*	
23 82 16 00-0096	EA	34" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,960.14	1,058.22
		For 10 Fins Per Inch, Add	*76.87*	
		For 12 Fins Per Inch, Add	*192.19*	
23 82 16 00-0097	EA	34" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,623.11	1,241.33
		For 10 Fins Per Inch, Add	*82.81*	
		For 12 Fins Per Inch, Add	*207.02*	

23 82 16 00-0098 8 Row Direct Expansion Cooling Coils *(23 82 16 00-0058)*

23 82 16 00-0099	EA	12" x 12" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,938.64	163.19
		For 10 Fins Per Inch, Add	*32.22*	
		For 12 Fins Per Inch, Add	*80.54*	
23 82 16 00-0100	EA	12" x 24" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,378.16	252.01
		For 10 Fins Per Inch, Add	*37.49*	
		For 12 Fins Per Inch, Add	*93.72*	
23 82 16 00-0101	EA	24" x 30" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,607.11	449.28
		For 10 Fins Per Inch, Add	*54.18*	
		For 12 Fins Per Inch, Add	*135.45*	
23 82 16 00-0102	EA	24" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,862.19	688.88
		For 10 Fins Per Inch, Add	*69.70*	
		For 12 Fins Per Inch, Add	*174.26*	
23 82 16 00-0103	EA	30" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,865.41	861.36
		For 10 Fins Per Inch, Add	*82.88*	
		For 12 Fins Per Inch, Add	*207.20*	
23 82 16 00-0104	EA	30" x 60" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,839.33	1,032.81
		For 10 Fins Per Inch, Add	*95.47*	
		For 12 Fins Per Inch, Add	*238.69*	
23 82 16 00-0105	EA	30" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,830.31	1,147.45
		For 10 Fins Per Inch, Add	*110.70*	
		For 12 Fins Per Inch, Add	*276.76*	
23 82 16 00-0106	EA	30" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,985.87	1,330.98
		For 10 Fins Per Inch, Add	*86.48*	
		For 12 Fins Per Inch, Add	*216.20*	
23 82 16 00-0107	EA	34" x 32" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,112.64	576.31
		For 10 Fins Per Inch, Add	*59.20*	
		For 12 Fins Per Inch, Add	*148.00*	
23 82 16 00-0108	EA	34" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,387.60	866.42
		For 10 Fins Per Inch, Add	*73.09*	
		For 12 Fins Per Inch, Add	*182.74*	
23 82 16 00-0109	EA	34" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,932.29	1,304.02
		For 10 Fins Per Inch, Add	*86.48*	
		For 12 Fins Per Inch, Add	*216.21*	
23 82 16 00-0110	EA	34" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,695.65	1,518.85
		For 10 Fins Per Inch, Add	*93.16*	
		For 12 Fins Per Inch, Add	*232.90*	

23 82 16 00-0111 Hot Water Heating Coils *(23 82 16)*

Note: Flanged construction.

23 82 16 00-0112 1 Row Hot Water Heating Coils *(23 82 16 00-0111)*

23 82 16 00-0113	EA	12" x 12" Hot Water Heating Coil, 1 Row Flanged Construction	923.45	139.43
		For 10 Fins Per Inch, Add	*12.89*	
		For 12 Fins Per Inch, Add	*32.22*	
		For 230 PSIG Heavy Duty, Add	*212.60*	
23 82 16 00-0114	EA	12" x 24" Hot Water Heating Coil, 1 Row Flanged Construction	1,351.89	178.67
		For 10 Fins Per Inch, Add	*19.92*	
		For 12 Fins Per Inch, Add	*49.79*	
		For 230 PSIG Heavy Duty, Add	*305.99*	
23 82 16 00-0115	EA	24" x 30" Hot Water Heating Coil, 1 Row Flanged Construction	1,663.29	245.81
		For 10 Fins Per Inch, Add	*23.43*	
		For 12 Fins Per Inch, Add	*58.57*	
		For 230 PSIG Heavy Duty, Add	*381.84*	
23 82 16 00-0116	EA	24" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	2,006.44	344.96
		For 10 Fins Per Inch, Add	*26.36*	
		For 12 Fins Per Inch, Add	*65.90*	
		For 230 PSIG Heavy Duty, Add	*470.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0117	EA	30" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	2,290.58	413.12
		For 10 Fins Per Inch, Add	*29.29*	
		For 12 Fins Per Inch, Add	*73.22*	
		For 230 PSIG Heavy Duty, Add	*540.74*	
23 82 16 00-0118	EA	30" x 60" Hot Water Heating Coil, 1 Row Flanged Construction	2,702.15	516.40
		For 10 Fins Per Inch, Add	*33.39*	
		For 12 Fins Per Inch, Add	*83.47*	
		For 230 PSIG Heavy Duty, Add	*643.71*	
23 82 16 00-0119	EA	30" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	3,021.91	573.21
		For 10 Fins Per Inch, Add	*37.49*	
		For 12 Fins Per Inch, Add	*93.72*	
		For 230 PSIG Heavy Duty, Add	*719.14*	
23 82 16 00-0120	EA	30" x 84" Hot Water Heating Coil, 1 Row Flanged Construction	3,713.65	666.47
		For 10 Fins Per Inch, Add	*47.52*	
		For 12 Fins Per Inch, Add	*118.79*	
		For 230 PSIG Heavy Duty, Add	*876.51*	
23 82 16 00-0121	EA	34" x 32" Hot Water Heating Coil, 1 Row Flanged Construction	1,603.40	288.77
		For 10 Fins Per Inch, Add	*20.52*	
		For 12 Fins Per Inch, Add	*51.29*	
		For 230 PSIG Heavy Duty, Add	*378.44*	
23 82 16 00-0122	EA	34" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	2,405.08	433.27
		For 10 Fins Per Inch, Add	*30.77*	
		For 12 Fins Per Inch, Add	*76.93*	
		For 230 PSIG Heavy Duty, Add	*567.66*	
23 82 16 00-0123	EA	34" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	3,618.63	655.31
		For 10 Fins Per Inch, Add	*46.16*	
		For 12 Fins Per Inch, Add	*115.40*	
		For 230 PSIG Heavy Duty, Add	*854.79*	
23 82 16 00-0124	EA	34" x 84" Hot Water Heating Coil, 1 Row Flanged Construction	4,211.43	759.42
		For 10 Fins Per Inch, Add	*53.85*	
		For 12 Fins Per Inch, Add	*134.63*	
		For 230 PSIG Heavy Duty, Add	*994.17*	
23 82 16 00-0125	SF	>15 SF Hot Water Heating Coil, 1 Row, Flanged Construction	194.35	38.21
		For 10 Fins Per Inch, Add	*2.36*	
		For 12 Fins Per Inch, Add	*5.90*	
		For 230 PSIG Heavy Duty, Add	*46.51*	

23 82 16 00-0126 2 Row Hot Water Heating Coils *(23 82 16 00-0111)*

23 82 16 00-0127	EA	12" x 12" Hot Water Heating Coil, 2 Row Flanged Construction	1,457.16	172.48
		For 10 Fins Per Inch, Add	*22.26*	
		For 12 Fins Per Inch, Add	*55.64*	
		For 230 PSIG Heavy Duty, Add	*325.86*	
23 82 16 00-0128	EA	12" x 24" Hot Water Heating Coil, 2 Row Flanged Construction	1,601.21	229.28
		For 10 Fins Per Inch, Add	*22.84*	
		For 12 Fins Per Inch, Add	*57.11*	
		For 230 PSIG Heavy Duty, Add	*366.15*	
23 82 16 00-0129	EA	24" x 30" Hot Water Heating Coil, 2 Row Flanged Construction	2,182.16	344.96
		For 10 Fins Per Inch, Add	*29.87*	
		For 12 Fins Per Inch, Add	*74.68*	
		For 230 PSIG Heavy Duty, Add	*505.29*	
23 82 16 00-0130	EA	24" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	2,682.26	491.61
		For 10 Fins Per Inch, Add	*33.97*	
		For 12 Fins Per Inch, Add	*84.93*	
		For 230 PSIG Heavy Duty, Add	*634.82*	
23 82 16 00-0131	EA	30" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	3,118.70	607.29
		For 10 Fins Per Inch, Add	*38.07*	
		For 12 Fins Per Inch, Add	*95.18*	
		For 230 PSIG Heavy Duty, Add	*745.25*	
23 82 16 00-0132	EA	30" x 60" Hot Water Heating Coil, 2 Row Flanged Construction	3,379.08	737.43
		For 10 Fins Per Inch, Add	*38.07*	
		For 12 Fins Per Inch, Add	*95.18*	
		For 230 PSIG Heavy Duty, Add	*823.36*	
23 82 16 00-0133	EA	30" x 72" Hot Water Heating Coil, 2 Row Flanged Construction	3,829.99	861.36
		For 10 Fins Per Inch, Add	*42.17*	
		For 12 Fins Per Inch, Add	*105.43*	
		For 230 PSIG Heavy Duty, Add	*938.13*	
23 82 16 00-0134	EA	30" x 84" Hot Water Heating Coil, 2 Row Flanged Construction	4,674.36	1,000.79
		For 10 Fins Per Inch, Add	*53.46*	
		For 12 Fins Per Inch, Add	*133.64*	
		For 230 PSIG Heavy Duty, Add	*1,135.03*	
23 82 16 00-0135	EA	34" x 32" Hot Water Heating Coil, 2 Row Flanged Construction	2,017.52	431.82
		For 10 Fins Per Inch, Add	*23.08*	
		For 12 Fins Per Inch, Add	*57.70*	
		For 230 PSIG Heavy Duty, Add	*489.86*	
23 82 16 00-0136	EA	34" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	3,028.45	648.71
		For 10 Fins Per Inch, Add	*34.62*	
		For 12 Fins Per Inch, Add	*86.55*	
		For 230 PSIG Heavy Duty, Add	*735.44*	
23 82 16 00-0137	EA	34" x 72" Hot Water Heating Coil, 2 Row Flanged Construction	4,552.50	978.07
		For 10 Fins Per Inch, Add	*51.93*	
		For 12 Fins Per Inch, Add	*129.82*	
		For 230 PSIG Heavy Duty, Add	*1,106.11*	
23 82 16 00-0138	EA	34" x 84" Hot Water Heating Coil, 2 Row Flanged Construction	5,314.16	1,142.49
		For 10 Fins Per Inch, Add	*60.58*	
		For 12 Fins Per Inch, Add	*151.46*	
		For 230 PSIG Heavy Duty, Add	*1,291.33*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0139		**Steam Heating Coils** *(23 82 16)*		
		Note: Flanged construction.		
23 82 16 00-0140	EA	12" x 12" Steam Heating Coils, 1 Row Flanged Construction	1,013.08	97.09
		For 2 Row Coil, Add	*342.53*	
		For 4 Row Coil, Add	*893.48*	
23 82 16 00-0141	EA	12" x 24" Steam Heating Coils, 1 Row Flanged Construction	1,146.86	134.26
		For 2 Row Coil, Add	*397.71*	
		For 4 Row Coil, Add	*1,032.84*	
23 82 16 00-0142	EA	24" x 30" Steam Heating Coils, 1 Row Flanged Construction	1,563.99	240.64
		For 2 Row Coil, Add	*565.27*	
		For 4 Row Coil, Add	*1,457.76*	
23 82 16 00-0143	EA	24" x 48" Steam Heating Coils, 1 Row Flanged Construction	2,006.44	344.96
		For 2 Row Coil, Add	*739.64*	
		For 4 Row Coil, Add	*1,901.22*	
23 82 16 00-0144	EA	30" x 48" Steam Heating Coils, 1 Row Flanged Construction	2,261.30	413.12
		For 2 Row Coil, Add	*843.64*	
		For 4 Row Coil, Add	*2,164.33*	
23 82 16 00-0145	EA	30" x 60" Steam Heating Coils, 1 Row Flanged Construction	2,585.00	516.40
		For 2 Row Coil, Add	*982.06*	
		For 4 Row Coil, Add	*2,512.11*	
23 82 16 00-0146	EA	30" x 72" Steam Heating Coils, 1 Row Flanged Construction	2,846.19	573.21
		For 2 Row Coil, Add	*1,083.37*	
		For 4 Row Coil, Add	*2,770.40*	
23 82 16 00-0147	EA	30" x 84" Steam Heating Coils, 1 Row Flanged Construction	3,490.90	668.95
		For 2 Row Coil, Add	*1,314.84*	
		For 4 Row Coil, Add	*3,367.99*	
23 82 16 00-0148	EA	34" x 32" Steam Heating Coils, 1 Row Flanged Construction	1,507.23	288.77
		For 2 Row Coil, Add	*567.70*	
		For 4 Row Coil, Add	*1,454.17*	
23 82 16 00-0149	EA	34" x 48" Steam Heating Coils, 1 Row Flanged Construction	2,260.83	433.27
		For 2 Row Coil, Add	*851.54*	
		For 4 Row Coil, Add	*2,181.24*	
23 82 16 00-0150	EA	34" x 72" Steam Heating Coils, 1 Row Flanged Construction	3,389.06	648.71
		For 2 Row Coil, Add	*1,276.22*	
		For 4 Row Coil, Add	*3,269.17*	
23 82 16 00-0151	EA	34" x 84" Steam Heating Coils, 1 Row Flanged Construction	3,959.00	759.42
		For 2 Row Coil, Add	*1,491.47*	
		For 4 Row Coil, Add	*3,820.30*	
23 82 16 00-0152		**Hot Water Preheat Coils For Multi-Zone Air Handling Units** *(23 82 16)*		
		Note: 2 Row coils. Coils are sized by air handling unit capacity.		
23 82 16 00-0153	EA	3000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	1,178.14	131.17
		For Units <16500 CFM, Add	*183.33*	
23 82 16 00-0154	EA	4000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	1,482.72	130.13
		For Units <16500 CFM, Add	*244.25*	
23 82 16 00-0155	EA	5000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	1,804.97	139.43
		For Units <16500 CFM, Add	*305.17*	
23 82 16 00-0156	EA	6500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,090.26	151.82
		For Units <16500 CFM, Add	*357.30*	
23 82 16 00-0157	EA	7500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,104.28	159.05
		For Units <16500 CFM, Add	*357.30*	
23 82 16 00-0158	EA	9200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,529.66	167.31
		For Units <16500 CFM, Add	*439.30*	
23 82 16 00-0159	EA	11500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,630.64	187.97
		For Units <16500 CFM, Add	*451.01*	
23 82 16 00-0160	EA	13200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,910.92	210.69
		For Units <16500 CFM, Add	*497.87*	
23 82 16 00-0161	EA	16500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	3,286.04	252.01
		For Units <16500 CFM, Add	*556.45*	
23 82 16 00-0162	EA	19500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	3,575.46	264.40
		For Units >19500 CFM, Add	*548.25*	
23 82 16 00-0163	EA	22000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	4,541.26	279.89
		For Units >19500 CFM, Add	*716.94*	
23 82 16 00-0164	EA	27000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	5,802.34	383.17
		For Units >19500 CFM, Add	*906.71*	
23 82 16 00-0165	EA	34000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	7,282.41	469.93
		For Units >19500 CFM, Add	*1,141.83*	
23 82 16 00-0166	EA	40000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	8,445.76	491.61
		For Units >19500 CFM, Add	*1,343.52*	
23 82 16 00-0167	EA	47000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	9,918.91	573.21
		For Units >19500 CFM, Add	*1,578.84*	
23 82 16 00-0168		**Standard Electric Slip-In Blast Coil Heater** *(23 82 16)*		
23 82 16 00-0169		**Electric Slip-In Blast Coil Heater With Open Coil Element** *(23 82 16 00-0168)*		
23 82 16 00-0170	EA	1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	262.56	58.86
23 82 16 00-0171	EA	1 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	272.36	63.44
23 82 16 00-0172	EA	2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	283.94	69.56
23 82 16 00-0173	EA	3 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	287.84	71.85
23 82 16 00-0174	EA	4 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	297.83	76.44
23 82 16 00-0175	EA	5 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	309.35	82.55
23 82 16 00-0176	EA	6 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	354.29	92.49
23 82 16 00-0177	EA	7 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	363.62	97.08
23 82 16 00-0178	EA	8 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	371.25	100.14
23 82 16 00-0179	EA	9 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	382.43	106.25
23 82 16 00-0180	EA	10 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	415.63	112.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0181	EA	12-1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	437.39	123.07
23 82 16 00-0182	EA	15 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	459.01	133.76
23 82 16 00-0183	EA	20 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	480.74	144.47
23 82 16 00-0184	EA	30 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	625.25	201.80
23 82 16 00-0185	EA	40 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,033.78	214.79
23 82 16 00-0186	EA	50 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,142.02	246.13
23 82 16 00-0187	EA	60 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,339.12	272.89
23 82 16 00-0188	EA	70 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,411.08	296.58
23 82 16 00-0189	EA	80 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,546.30	325.63
23 82 16 00-0190	EA	90 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,870.23	347.79
23 82 16 00-0191	EA	100 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,049.79	373.78
23 82 16 00-0192	EA	125 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,460.44	403.60
23 82 16 00-0193	EA	150 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,762.12	438.75

23 82 16 00-0194 Electric Slip-In Blast Coil Heater With Finned Tubular Element *(23 82 16 00-0168)*

23 82 16 00-0195	EA	1 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	642.14	84.08
23 82 16 00-0196	EA	2 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	671.47	91.73
23 82 16 00-0197	EA	3 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	686.26	91.73
23 82 16 00-0198	EA	4 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	717.90	100.89
23 82 16 00-0199	EA	5 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	964.92	100.89
23 82 16 00-0200	EA	6 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	988.59	100.89
23 82 16 00-0201	EA	8 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,005.59	112.37
23 82 16 00-0202	EA	9 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,026.82	126.13
23 82 16 00-0203	EA	10 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,040.13	126.13
23 82 16 00-0204	EA	15 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,207.95	144.47
23 82 16 00-0205	EA	20 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,438.69	144.47
23 82 16 00-0206	EA	30 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,568.27	168.16
23 82 16 00-0207	EA	40 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,114.07	168.16

23 82 19 Fan Coil Units *(23 82)*

23 82 19 00-0001 Ceiling Suspended Horizontal Fan Coil Units *(23 82 19)*

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.

23 82 19 00-0002 Horizontal Fan Coil Units With Electric Heating Coil *(23 82 19 00-0001)*

23 82 19 00-0003	EA	200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,064.61	167.31
23 82 19 00-0004	EA	300 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,183.20	195.20
23 82 19 00-0005	EA	400 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,314.05	219.99
23 82 19 00-0006	EA	600 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,521.48	252.01
23 82 19 00-0007	EA	800 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,690.43	264.40
		For 2-Way Valve Instead Of 3-Way, Deduct	*-104.72*	
23 82 19 00-0008	EA	1000 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,227.89	279.89
		For 2-Way Valve Instead Of 3-Way, Deduct	*-106.87*	
23 82 19 00-0009	EA	1200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,674.67	303.65
		For 2-Way Valve Instead Of 3-Way, Deduct	*-110.57*	

23 82 19 00-0010 Horizontal Fan Coil Units With Hot Water Heating Coil *(23 82 19 00-0001)*

23 82 19 00-0011	EA	200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	655.16	167.31
		For 2-Way Valve Instead Of 3-Way, Deduct	*-51.66*	
23 82 19 00-0012	EA	300 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	790.45	195.20
		For 2-Way Valve Instead Of 3-Way, Deduct	*-54.49*	
23 82 19 00-0013	EA	400 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	927.65	219.99
		For 2-Way Valve Instead Of 3-Way, Deduct	*-56.97*	
23 82 19 00-0014	EA	600 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,616.88	252.01
		For 2-Way Valve Instead Of 3-Way, Deduct	*-60.19*	
23 82 19 00-0015	EA	800 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,801.73	265.43
		For 2-Way Valve Instead Of 3-Way, Deduct	*-104.72*	
23 82 19 00-0016	EA	1000 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,386.90	279.89
		For 2-Way Valve Instead Of 3-Way, Deduct	*-106.87*	
23 82 19 00-0017	EA	1200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,976.79	303.65
		For 2-Way Valve Instead Of 3-Way, Deduct	*-110.57*	

23 82 19 00-0018 Floor Mounted Vertical Fan Coil Units *(23 82 19)*

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.

23 82 19 00-0019 Vertical Fan Coil Units With Electric Heating Coil *(23 82 19 00-0018)*

23 82 19 00-0020	EA	200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,032.81	166.28
		For Fan Coil Units Without Cabinet, Deduct	*-121.61*	
		For Thru-Wall Sleeve, Add	*121.63*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-51.66*	
23 82 19 00-0021	EA	300 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,184.79	195.20
		For Fan Coil Units Without Cabinet, Deduct	*-138.74*	
		For Thru-Wall Sleeve, Add	*132.95*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-54.49*	
23 82 19 00-0022	EA	400 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,393.55	219.99
		For Fan Coil Units Without Cabinet, Deduct	*-165.08*	
		For Thru-Wall Sleeve, Add	*142.90*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-56.97*	
23 82 19 00-0023	EA	600 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,600.98	252.01
		For Fan Coil Units Without Cabinet, Deduct	*-189.77*	
		For Thru-Wall Sleeve, Add	*155.76*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-60.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0024	EA	800 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,785.83	265.43
		For Fan Coil Units Without Cabinet, Deduct	*-214.91*	
		For Thru-Wall Sleeve, Add	*160.93*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-104.72*	
23 82 19 00-0025	EA	1000 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,227.89	279.89
		For Fan Coil Units Without Cabinet, Deduct	*-278.36*	
		For Thru-Wall Sleeve, Add	*166.66*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-106.87*	
23 82 19 00-0026	EA	1200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,595.17	303.65
		For Fan Coil Units Without Cabinet, Deduct	*-328.52*	
		For Thru-Wall Sleeve, Add	*176.51*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-110.57*	

23 82 19 00-0027 Vertical Fan Coil Units With Hot Water Heating Coil *(23 82 19 00-0018)*

23 82 19 00-0028	EA	200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,128.21	166.28
		For Fan Coil Units Without Cabinet, Deduct	*-135.92*	
		For Thru-Wall Sleeve, Add	*121.63*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-51.66*	
23 82 19 00-0029	EA	300 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,280.20	195.20
		For Fan Coil Units Without Cabinet, Deduct	*-153.06*	
		For Thru-Wall Sleeve, Add	*132.95*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-54.49*	
23 82 19 00-0030	EA	400 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,552.56	219.99
		For Fan Coil Units Without Cabinet, Deduct	*-188.94*	
		For Thru-Wall Sleeve, Add	*142.90*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-56.97*	
23 82 19 00-0031	EA	600 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,775.89	252.01
		For Fan Coil Units Without Cabinet, Deduct	*-216.00*	
		For Thru-Wall Sleeve, Add	*155.76*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-60.19*	
23 82 19 00-0032	EA	800 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,960.74	265.43
		For Fan Coil Units Without Cabinet, Deduct	*-241.15*	
		For Thru-Wall Sleeve, Add	*160.93*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-104.72*	
23 82 19 00-0033	EA	1000 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,307.39	279.89
		For Fan Coil Units Without Cabinet, Deduct	*-290.28*	
		For Thru-Wall Sleeve, Add	*166.66*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-106.87*	
23 82 19 00-0034	EA	1200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,674.67	303.65
		For Fan Coil Units Without Cabinet, Deduct	*-340.45*	
		For Thru-Wall Sleeve, Add	*176.51*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-110.57*	

23 82 19 00-0035 Removal And Reinstallation Of Fan Coil Units *(23 82 19)*

Note: Includes storage and cleaning. Excludes supports.

23 82 19 00-0036	EA	Remove And Reinstall Fan Coil Unit Horizontal Or Vertical	439.12

23 82 29 Radiators *(23 82)*

23 82 29 00-0001 Demo Cast Iron Radiators *(23 82 29)*

23 82 29 00-0002	LF	Demo Cast Iron Radiator	23.78
23 82 29 00-0003	EA	Cap Radiator	32.93

23 82 29 00-0004 Cast Iron Radiator *(23 82 29)*

23 82 29 00-0005	EA	19" High Cast Iron Radiator Section, Free Standing	40.11	8.68
		For Wall Support Bracket, Add	*27.39*	
23 82 29 00-0006	EA	25" High Cast Iron Radiator Section, Free Standing	55.64	8.68
		For Wall Support Bracket, Add	*28.72*	
23 82 29 00-0007	EA	30" High Cast Iron Radiator Section, Free Standing	64.32	10.33
23 82 29 00-0008	EA	36" High Cast Iron Radiator Section, Free Standing	80.22	11.36
23 82 29 00-0009	EA	20" High Cast Iron Radiator Section, Recessed With Grille	56.37	13.53

23 82 29 00-0010 Radiator Covers *(23 82 29)*

23 82 29 00-0011	SF	Stainless Steel Radiator Cover	29.63	4.15
23 82 29 00-0012	SF	Galvanized Steel Radiator Cover, Primed And Painted	24.94	4.15

23 82 29 00-0013 Remove And Reinstall Radiator *(23 82 29)*

Note: Includes storage and cleaning.

23 82 29 00-0014	LF	Remove And Reinstall Cast Iron Radiator	77.47
23 82 29 00-0015	LF	Remove And Reinstall Electric Radiator	51.64
23 82 29 00-0016	LF	Remove And Reinstall Hot Water Radiator	61.97

23 82 33 Convectors *(23 82)*

23 82 33 00-0001 Multi-Fin Convectors For Two-Pipe System *(23 82 33)*

Note: Complete with 6-1/4" deep cabinet enclosure.

23 82 33 00-0002 20" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0003	EA	20" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	373.71	113.61
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*57.64*	
		For Snap-On Inlet Grille, Add	*44.43*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*70.55*	
23 82 33 00-0004	EA	20" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	434.16	123.94
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*62.34*	
		For Snap-On Inlet Grille, Add	*47.56*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*86.23*	
23 82 33 00-0005	EA	20" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	501.98	146.65
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*72.61*	
		For Snap-On Inlet Grille, Add	*54.40*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*97.99*	
23 82 33 00-0006	EA	20" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	597.92	170.42
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*83.45*	
		For Snap-On Inlet Grille, Add	*61.63*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*118.91*	
23 82 33 00-0007	EA	20" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	713.80	204.50
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*98.93*	
		For Snap-On Inlet Grille, Add	*71.96*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*141.41*	
23 82 33 00-0008	EA	20" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	799.85	224.94
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*108.22*	
		For Snap-On Inlet Grille, Add	*78.15*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*160.69*	
23 82 33 00-0009	EA	20" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	936.39	272.66
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*129.90*	
		For Snap-On Inlet Grille, Add	*92.60*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*183.19*	
23 82 33 00-0010	EA	20" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,017.31	289.70
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*137.65*	
		For Snap-On Inlet Grille, Add	*97.76*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*202.47*	
23 82 33 00-0011	EA	20" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,114.82	323.79
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*153.13*	
		For Snap-On Inlet Grille, Add	*108.08*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*218.54*	
23 82 33 00-0012	EA	20" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,230.78	357.87
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*168.63*	
		For Snap-On Inlet Grille, Add	*118.42*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*241.04*	
23 82 33 00-0013	EA	20" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,328.30	391.95
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*184.11*	
		For Snap-On Inlet Grille, Add	*128.74*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*257.11*	

23 82 33 00-0014 26" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

23 82 33 00-0015	EA	26" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	448.10	149.45
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*73.24*	
		For Snap-On Inlet Grille, Add	*54.83*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*78.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0016	EA	26" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	524.97	173.62
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*84.08*	
		For Snap-On Inlet Grille, Add	*62.06*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*92.64*	
23 82 33 00-0017	EA	26" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	631.35	203.88
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*97.67*	
		For Snap-On Inlet Grille, Add	*71.11*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*114.02*	
23 82 33 00-0018	EA	26" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	732.90	227.32
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*108.19*	
		For Snap-On Inlet Grille, Add	*78.13*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*137.29*	
23 82 33 00-0019	EA	26" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	849.56	255.62
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*120.93*	
		For Snap-On Inlet Grille, Add	*86.62*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*163.26*	
23 82 33 00-0020	EA	26" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	945.19	276.90
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*130.53*	
		For Snap-On Inlet Grille, Add	*93.02*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*185.53*	
23 82 33 00-0021	EA	26" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,078.05	315.52
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*148.13*	
		For Snap-On Inlet Grille, Add	*104.75*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*211.50*	
23 82 33 00-0022	EA	26" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,170.23	334.83
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*156.70*	
		For Snap-On Inlet Grille, Add	*110.47*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*233.77*	
23 82 33 00-0023	EA	26" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,267.95	365.10
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*170.11*	
		For Snap-On Inlet Grille, Add	*119.41*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*252.32*	
23 82 33 00-0024	EA	26" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,387.33	394.74
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*183.66*	
		For Snap-On Inlet Grille, Add	*128.44*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*278.29*	
23 82 33 00-0025	EA	26" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,480.98	421.90
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*195.86*	
		For Snap-On Inlet Grille, Add	*136.57*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*296.85*	

23 82 33 00-0026 32" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

23 82 33 00-0027	EA	32" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	521.64	181.77
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*88.58*	
		For Snap-On Inlet Grille, Add	*65.05*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*86.23*	
23 82 33 00-0028	EA	32" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	624.32	219.99
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*105.95*	
		For Snap-On Inlet Grille, Add	*76.63*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*101.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0029	EA	32" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	747.80	257.17
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*122.84*	
		For Snap-On Inlet Grille, Add	*87.89*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*125.42*	
23 82 33 00-0030	EA	32" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	854.90	279.48
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*133.03*	
		For Snap-On Inlet Grille, Add	*94.68*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*151.02*	
23 82 33 00-0031	EA	32" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	970.27	302.00
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*143.15*	
		For Snap-On Inlet Grille, Add	*101.43*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*179.59*	
23 82 33 00-0032	EA	32" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,073.50	323.79
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*153.13*	
		For Snap-On Inlet Grille, Add	*108.08*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*204.08*	
23 82 33 00-0033	EA	32" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,196.65	351.05
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*165.58*	
		For Snap-On Inlet Grille, Add	*116.39*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*232.65*	
23 82 33 00-0034	EA	32" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,300.91	373.57
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*175.87*	
		For Snap-On Inlet Grille, Add	*123.25*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*257.14*	
23 82 33 00-0035	EA	32" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,396.40	398.77
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*187.02*	
		For Snap-On Inlet Grille, Add	*130.68*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*277.55*	
23 82 33 00-0036	EA	32" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,515.16	422.63
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*198.16*	
		For Snap-On Inlet Grille, Add	*138.11*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*306.12*	
23 82 33 00-0037	EA	32" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,603.93	443.07
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*207.30*	
		For Snap-On Inlet Grille, Add	*144.20*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*326.53*	

23 82 33 00-0038 Electric Convectors, Floor Standing Units *(23 82 33)*

23 82 33 00-0039 4" Deep Electric Convectors *(23 82 33 00-0038)*

23 82 33 00-0040	EA	38" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	398.00	82.17
23 82 33 00-0041	EA	50" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	439.34	82.17

23 82 33 00-0042 6" Deep Electric Convectors *(23 82 33 00-0038)*

23 82 33 00-0043	EA	38" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	458.42	82.17
23 82 33 00-0044	EA	50" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	522.03	82.17
23 82 33 00-0045	EA	62" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	577.68	82.17
23 82 33 00-0046	EA	74" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	665.14	82.17

23 82 36 Finned-Tube Radiation Heaters *(23 82)*

23 82 36 00-0001 Electric Baseboard Heating *(23 82 36)*

Note: Includes 24 gauge steel enclosure and heating element

23 82 36 00-0002 Electric Wall Heating 10" Enclosure *(23 82 36 00-0001)*

23 82 36 00-0003	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element <250 Watts/FT	96.17	45.66
23 82 36 00-0004	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element >= 250 Watts/FT	98.07	45.66

23 82 36 00-0005 Electric Wall Heating 16" Enclosure *(23 82 36 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0006	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element <350 Watts/FT	115.25	45.66
23 82 36 00-0007	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element >= 350 Watts/FT	120.02	45.66

23 82 36 00-0008 Finned Tube Baseboard Units *(23 82 36)*

Note: Complete with steel enclosure. Single heating element.

23 82 36 00-0009 3/4" IPS Steel Tube With Steel Fins *(23 82 36 00-0008)*

23 82 36 00-0010	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	273.26	40.28
		For 90 Degree Corner, Add	*48.97*	
		For Valve Enclosure, Add	*48.97*	
		For Filler Piece, Add	*41.97*	
		For End Cap, Add	*33.33*	
		For Copper Tube With Aluminum Fins, Add	*4.31*	
23 82 36 00-0011	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	352.31	60.93
		For 90 Degree Corner, Add	*56.95*	
		For Valve Enclosure, Add	*56.95*	
		For Filler Piece, Add	*49.95*	
		For End Cap, Add	*38.51*	
		For Copper Tube With Aluminum Fins, Add	*6.47*	
23 82 36 00-0012	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	414.97	80.56
		For 90 Degree Corner, Add	*61.64*	
		For Valve Enclosure, Add	*61.64*	
		For Filler Piece, Add	*54.64*	
		For End Cap, Add	*41.57*	
		For Copper Tube With Aluminum Fins, Add	*8.62*	
23 82 36 00-0013	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	517.17	112.78
		For 90 Degree Corner, Add	*74.45*	
		For Valve Enclosure, Add	*74.45*	
		For Filler Piece, Add	*67.45*	
		For End Cap, Add	*49.89*	
		For Copper Tube With Aluminum Fins, Add	*10.72*	
23 82 36 00-0014	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	619.36	135.50
		For 90 Degree Corner, Add	*87.46*	
		For Valve Enclosure, Add	*87.46*	
		For Filler Piece, Add	*80.46*	
		For End Cap, Add	*58.35*	
		For Copper Tube With Aluminum Fins, Add	*12.76*	
23 82 36 00-0015	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	691.60	144.59
		For 90 Degree Corner, Add	*92.62*	
		For Valve Enclosure, Add	*92.62*	
		For Filler Piece, Add	*85.62*	
		For End Cap, Add	*61.71*	
		For Copper Tube With Aluminum Fins, Add	*15.32*	
23 82 36 00-0016	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	762.84	159.78
		For 90 Degree Corner, Add	*101.30*	
		For Valve Enclosure, Add	*101.30*	
		For Filler Piece, Add	*94.30*	
		For End Cap, Add	*67.35*	
		For Copper Tube With Aluminum Fins, Add	*16.85*	
23 82 36 00-0017	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	869.14	180.75
		For 90 Degree Corner, Add	*113.28*	
		For Valve Enclosure, Add	*113.28*	
		For Filler Piece, Add	*106.28*	
		For End Cap, Add	*75.13*	
		For Copper Tube With Aluminum Fins, Add	*19.40*	
23 82 36 00-0018	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	957.97	198.82
		For 90 Degree Corner, Add	*123.62*	
		For Valve Enclosure, Add	*123.62*	
		For Filler Piece, Add	*116.62*	
		For End Cap, Add	*81.85*	
		For Copper Tube With Aluminum Fins, Add	*21.44*	

23 82 36 00-0019 1" IPS Steel Tube With Steel Fins *(23 82 36 00-0008)*

23 82 36 00-0020	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	306.85	40.28
		For 90 Degree Corner, Add	*48.97*	
		For Valve Enclosure, Add	*48.97*	
		For Filler Piece, Add	*41.97*	
		For End Cap, Add	*33.33*	
		For Copper Tube With Aluminum Fins, Add	*6.16*	
23 82 36 00-0021	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	402.71	60.93
		For 90 Degree Corner, Add	*56.95*	
		For Valve Enclosure, Add	*56.95*	
		For Filler Piece, Add	*49.95*	
		For End Cap, Add	*38.51*	
		For Copper Tube With Aluminum Fins, Add	*9.24*	
23 82 36 00-0022	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	482.17	80.56
		For 90 Degree Corner, Add	*61.64*	
		For Valve Enclosure, Add	*61.64*	
		For Filler Piece, Add	*54.64*	
		For End Cap, Add	*41.57*	
		For Copper Tube With Aluminum Fins, Add	*12.32*	
23 82 36 00-0023	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	600.84	112.78
		For 90 Degree Corner, Add	*74.47*	
		For Valve Enclosure, Add	*74.47*	
		For Filler Piece, Add	*67.47*	
		For End Cap, Add	*49.91*	
		For Copper Tube With Aluminum Fins, Add	*15.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0024	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	718.64	135.50
		For 90 Degree Corner, Add	*87.42*	
		For Valve Enclosure, Add	*87.42*	
		For Filler Piece, Add	*80.42*	
		For End Cap, Add	*58.32*	
		For Copper Tube With Aluminum Fins, Add	*18.23*	
23 82 36 00-0025	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	810.96	144.59
		For 90 Degree Corner, Add	*92.62*	
		For Valve Enclosure, Add	*92.62*	
		For Filler Piece, Add	*85.62*	
		For End Cap, Add	*61.71*	
		For Copper Tube With Aluminum Fins, Add	*21.88*	
23 82 36 00-0026	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	893.80	159.78
		For 90 Degree Corner, Add	*101.24*	
		For Valve Enclosure, Add	*101.24*	
		For Filler Piece, Add	*94.24*	
		For End Cap, Add	*67.30*	
		For Copper Tube With Aluminum Fins, Add	*24.07*	
23 82 36 00-0027	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,020.33	180.75
		For 90 Degree Corner, Add	*113.28*	
		For Valve Enclosure, Add	*113.28*	
		For Filler Piece, Add	*106.28*	
		For End Cap, Add	*75.13*	
		For Copper Tube With Aluminum Fins, Add	*27.72*	
23 82 36 00-0028	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,124.45	198.82
		For 90 Degree Corner, Add	*123.50*	
		For Valve Enclosure, Add	*123.50*	
		For Filler Piece, Add	*116.50*	
		For End Cap, Add	*81.77*	
		For Copper Tube With Aluminum Fins, Add	*30.63*	

23 82 36 00-0029 1-1/4" IPS Steel Tube With Steel Fins *(23 82 36 00-0008)*

23 82 36 00-0030	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	340.45	40.28
		For 90 Degree Corner, Add	*48.97*	
		For Valve Enclosure, Add	*48.97*	
		For Filler Piece, Add	*41.97*	
		For End Cap, Add	*33.33*	
		For Copper Tube With Aluminum Fins, Add	*8.01*	
23 82 36 00-0031	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	453.10	60.93
		For 90 Degree Corner, Add	*56.95*	
		For Valve Enclosure, Add	*56.95*	
		For Filler Piece, Add	*49.95*	
		For End Cap, Add	*38.51*	
		For Copper Tube With Aluminum Fins, Add	*12.01*	
23 82 36 00-0032	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	549.36	80.56
		For 90 Degree Corner, Add	*61.64*	
		For Valve Enclosure, Add	*61.64*	
		For Filler Piece, Add	*54.64*	
		For End Cap, Add	*41.57*	
		For Copper Tube With Aluminum Fins, Add	*16.01*	
23 82 36 00-0033	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	684.38	112.78
		For 90 Degree Corner, Add	*74.47*	
		For Valve Enclosure, Add	*74.47*	
		For Filler Piece, Add	*67.47*	
		For End Cap, Add	*49.91*	
		For Copper Tube With Aluminum Fins, Add	*19.91*	
23 82 36 00-0034	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	818.10	135.50
		For 90 Degree Corner, Add	*87.42*	
		For Valve Enclosure, Add	*87.42*	
		For Filler Piece, Add	*80.42*	
		For End Cap, Add	*58.32*	
		For Copper Tube With Aluminum Fins, Add	*23.70*	
23 82 36 00-0035	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	930.31	144.59
		For 90 Degree Corner, Add	*92.62*	
		For Valve Enclosure, Add	*92.62*	
		For Filler Piece, Add	*85.62*	
		For End Cap, Add	*61.71*	
		For Copper Tube With Aluminum Fins, Add	*28.45*	
23 82 36 00-0036	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,025.09	159.78
		For 90 Degree Corner, Add	*101.24*	
		For Valve Enclosure, Add	*101.24*	
		For Filler Piece, Add	*94.24*	
		For End Cap, Add	*67.30*	
		For Copper Tube With Aluminum Fins, Add	*31.29*	
23 82 36 00-0037	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,171.51	180.75
		For 90 Degree Corner, Add	*113.28*	
		For Valve Enclosure, Add	*113.28*	
		For Filler Piece, Add	*106.28*	
		For End Cap, Add	*75.13*	
		For Copper Tube With Aluminum Fins, Add	*36.03*	
23 82 36 00-0038	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,291.55	198.82
		For 90 Degree Corner, Add	*123.50*	
		For Valve Enclosure, Add	*123.50*	
		For Filler Piece, Add	*116.50*	
		For End Cap, Add	*81.77*	
		For Copper Tube With Aluminum Fins, Add	*39.82*	

23 82 39 Unit Heaters *(23 82)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 13		**Cabinet Unit Heaters** *(23 82 39)*		
23 82 39 13-0001		Electric Cabinet Unit Heaters *(23 82 39 13)* Note: Can be mounted on the ceiling, floor or wall. Includes built-in thermostat. 208, 240/208, 277, or 480 Volt.		
23 82 39 13-0002		Electric Cabinet Unit Heaters, 35" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0003	EA	2 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	1,945.55	103.75
23 82 39 13-0004	EA	3 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	1,960.80	103.75
23 82 39 13-0005	EA	4 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	1,976.06	103.75
23 82 39 13-0006	EA	5 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	1,991.30	103.75
23 82 39 13-0007	EA	6 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,006.55	103.75
23 82 39 13-0008	EA	7 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,021.81	103.75
23 82 39 13-0009	EA	8 KW, 250 CFM, 35" Electric Cabinet Unit Heater	2,037.67	103.75
23 82 39 13-0010	EA	For Ceiling Installation of 35" Cabinet Unit Heater, Add	138.61	68.89
23 82 39 13-0011		Electric Cabinet Unit Heaters, 45" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0012	EA	4 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,069.40	124.50
23 82 39 13-0013	EA	6 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,099.91	124.50
23 82 39 13-0014	EA	8 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,130.41	124.50
23 82 39 13-0015	EA	10 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,160.92	124.50
23 82 39 13-0016	EA	12 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,191.41	124.50
23 82 39 13-0017	EA	14 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,221.92	124.50
23 82 39 13-0018	EA	16 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,252.42	124.50
23 82 39 13-0019	EA	For Ceiling Installation of 45" Cabinet Unit Heater, Add	166.01	83.00
23 82 39 13-0020		Electric Cabinet Unit Heaters, 58" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0021	EA	6 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,599.58	166.01
23 82 39 13-0022	EA	8 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,630.08	166.01
23 82 39 13-0023	EA	10 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,660.58	166.01
23 82 39 13-0024	EA	12 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,691.08	166.01
23 82 39 13-0025	EA	14 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,721.59	166.01
23 82 39 13-0026	EA	16 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,752.09	166.01
23 82 39 13-0027	EA	For Ceiling Installation of 58" Cabinet Unit Heater, Add	207.50	103.75
23 82 39 13-0028		Electric Cabinet Unit Heaters, 68" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0029	EA	6 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,068.76	207.50
23 82 39 13-0030	EA	9 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,114.51	207.50
23 82 39 13-0031	EA	12 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,160.26	207.50
23 82 39 13-0032	EA	15 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,206.01	207.50
23 82 39 13-0033	EA	18 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,251.78	207.50
23 82 39 13-0034	EA	21 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,297.53	207.50
23 82 39 13-0035	EA	24 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,343.28	207.50
23 82 39 13-0036	EA	For Ceiling Installation of 68" Cabinet Unit Heater, Add	277.23	138.61
23 82 39 13-0037		Electric Cabinet Unit Heaters, 78" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0038	EA	8 KW, 1000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,598.92	249.00
23 82 39 13-0039	EA	12 KW, 1000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,659.93	249.00
23 82 39 13-0040	EA	16 KW, 1000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,720.94	249.00
23 82 39 13-0041	EA	20 KW, 1000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,781.94	249.00
23 82 39 13-0042	EA	24 KW, 1000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,842.95	249.00
23 82 39 13-0043	EA	28 KW, 1000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,903.95	249.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 13-0044	EA	32 KW, 1000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,964.96	249.00
23 82 39 13-0045	EA	For Ceiling Installation of 78" Cabinet Unit Heater, Add	332.00	166.01

23 82 39 13-0046 Removal and Reinstallation of Cabinet Unit Heaters *(23 82 39 13)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 13-0047	EA	Remove And Reinstall Up To 58" Cabinet Unit Heater, Floor or Wall	284.02	
23 82 39 13-0048	EA	Remove And Reinstall >58" Cabinet Unit Heater, Floor or Wall	490.60	
23 82 39 13-0049	EA	Remove And Reinstall Up To 58" Cabinet Unit Heater, Ceiling	585.60	
23 82 39 13-0050	EA	Remove And Reinstall >58" Cabinet Unit Heater, Ceiling	792.16	

23 82 39 16 Propeller Unit Heaters *(23 82 39)*

23 82 39 16-0001 Hydronic Unit Heaters Using Steam Or Hot Water *(23 82 39 16)*

Note: For use with either steam or heating hot water. Heating output capacities for both are listed.

23 82 39 16-0002 Horizontal Hydronic Unit Heaters, Fan Propelled, 115V *(23 82 39 16-0001)*

23 82 39 16-0003	EA	18 MBH Steam, 13 MBH Hot Water, 395 CFM Unit Heater Fan Propelled, Horizontal, 115V	599.05	103.28
23 82 39 16-0004	EA	24 MBH Steam, 17.4 MBH Hot Water, 450 CFM Unit Heater Fan Propelled, Horizontal, 115V	600.12	103.28
23 82 39 16-0005	EA	36 MBH Steam, 26.1 MBH Hot Water, 550 CFM Unit Heater Fan Propelled, Horizontal, 115V	661.66	103.28
23 82 39 16-0006	EA	48 MBH Steam, 34.8 MBH Hot Water, 750 CFM Unit Heater Fan Propelled, Horizontal, 115V	828.99	154.92
23 82 39 16-0007	EA	60 MBH Steam, 43.6 MBH Hot Water, 900 CFM Unit Heater Fan Propelled, Horizontal, 115V	860.47	154.92
23 82 39 16-0008	EA	72 MBH Steam, 52.3 MBH Hot Water, 1100 CFM Unit Heater Fan Propelled, Horizontal, 115V	907.35	154.92
23 82 39 16-0009	EA	84 MBH Steam, 61 MBH Hot Water, 2400 CFM Unit Heater Fan Propelled, Horizontal, 115V	1,102.92	206.56
23 82 39 16-0010	EA	96 MBH Steam, 69.7 MBH Hot Water, 2400 CFM Unit Heater Fan Propelled, Horizontal, 115V	1,197.38	206.56
23 82 39 16-0011	EA	108 MBH Steam, 78.4 MBH Hot Water, 2800 CFM Unit Heater Fan Propelled, Horizontal, 115V	1,257.49	206.56
23 82 39 16-0012	EA	120 MBH Steam, 87.1 MBH Hot Water, 2900 CFM Unit Heater Fan Propelled, Horizontal, 115V	1,306.15	206.56
23 82 39 16-0013	EA	132 MBH Steam, 95.8 MBH Hot Water, 2000 CFM Unit Heater Fan Propelled, Horizontal, 115V	1,491.00	258.20
23 82 39 16-0014	EA	144 MBH Steam, 104 MBH Hot Water, 2200 CFM Unit Heater Fan Propelled, Horizontal, 115V	1,507.47	258.20
23 82 39 16-0015	EA	156 MBH Steam, 113 MBH Hot Water, 2600 CFM Unit Heater Fan Propelled, Horizontal, 115V	1,523.21	258.20
23 82 39 16-0016	EA	180 MBH Steam, 118 MBH Hot Water, 2200 CFM Unit Heater Fan Propelled, Horizontal, 115V	1,645.75	309.84
23 82 39 16-0017	EA	204 MBH Steam, 148 MBH Hot Water, 2900 CFM Unit Heater Fan Propelled, Horizontal, 115V	1,768.83	309.84
23 82 39 16-0018	EA	240 MBH Steam, 174 MBH Hot Water, 3500 CFM Unit Heater Fan Propelled, Horizontal, 115V	2,023.25	361.48
23 82 39 16-0019	EA	280 MBH Steam, 209.1 MBH Hot Water, 4200 CFM Unit Heater Fan Propelled, Horizontal, 115V	2,469.04	361.48
23 82 39 16-0020	EA	300 MBH Steam, 230 MBH Hot Water, 5000 CFM Unit Heater Fan Propelled, Horizontal, 115V	2,645.22	413.12
23 82 39 16-0021	EA	360 MBH Steam, 261.3 MBH Hot Water, 5500 CFM Unit Heater Fan Propelled, Horizontal, 115V	3,103.18	413.12
23 82 39 16-0022	EA	Fan Guard For Fan Propelled Steam Unit Heater, Horizontal Note: Required only for unit heaters located within 7' of a working surface.	160.75	25.83

23 82 39 16-0023 Vertical Hydronic Unit Heaters, Fan Propelled, 115V *(23 82 39 16-0001)*

23 82 39 16-0024	EA	41.3 MBH Steam, 22.7 MBH Hot Water, 595 CFM Unit Heater Fan Propelled, Vertical, 115V	871.21	103.28
23 82 39 16-0025	EA	65.5 MBH Steam, 39.6 MBH Hot Water, 989 CFM Unit Heater Fan Propelled, Vertical, 115V	905.20	154.92
23 82 39 16-0026	EA	80.6 MBH Steam, 48.4 MBH Hot Water, 1200 CFM Unit Heater Fan Propelled, Vertical, 115V	967.10	154.92
23 82 39 16-0027	EA	101.8 MBH Steam, 68.3 MBH Hot Water, 1490 CFM Unit Heater Fan Propelled, Vertical, 115V	1,199.53	206.56
23 82 39 16-0028	EA	124.4 MBH Steam, 83.7 MBH Hot Water, 1790 CFM Unit Heater Fan Propelled, Vertical, 115V	1,260.35	206.56
23 82 39 16-0029	EA	152 MBH Steam, 105.2 MBH Hot Water, 2220 CFM Unit Heater Fan Propelled, Vertical, 115V	1,535.55	309.84
23 82 39 16-0030	EA	173 MBH Steam, 118.6 MBH Hot Water, 2620 CFM Unit Heater Fan Propelled, Vertical, 115V	1,628.58	309.84
23 82 39 16-0031	EA	210.2 MBH Steam, 139.7 MBH Hot Water, 3200 CFM Unit Heater Fan Propelled, Vertical, 115V	1,706.58	309.84
23 82 39 16-0032	EA	249.8 MBH Steam, 180.1 MBH Hot Water, 4180 CFM Unit Heater Fan Propelled, Vertical, 115V	1,916.62	361.48
23 82 39 16-0033	EA	283.8 MBH Steam, 205.4 MBH Hot Water, 4430 CFM Unit Heater Fan Propelled, Vertical, 115V	2,008.94	361.48
23 82 39 16-0034	EA	333.4 MBH Steam, 242.9 MBH Hot Water, 5210 CFM Unit Heater Fan Propelled, Vertical, 115V	2,195.69	361.48
23 82 39 16-0035	EA	386 MBH Steam, 280.8 MBH Hot Water, 6140 CFM Unit Heater Fan Propelled, Vertical, 115V	2,572.47	464.76
23 82 39 16-0036	EA	496 MBH Steam, 368.1 MBH Hot Water, 8020 CFM Unit Heater Fan Propelled, Vertical, 115V	3,193.58	464.76
23 82 39 16-0037	EA	585 MBH Steam, 431.1 MBH Hot Water, 9450 CFM Unit Heater Fan Propelled, Vertical, 115V	3,383.92	464.76
23 82 39 16-0038	EA	705 MBH Steam, 519.4 MBH Hot Water, 11000 CFM Unit Heater Fan Propelled, Vertical, 115V	3,843.55	516.40
23 82 39 16-0039	EA	Fan Guard For Fan Propelled Steam Unit Heater, Vertical Note: Required only for unit heaters located within 7' of a working surface.	213.70	25.83

23 82 39 16-0040 Removal and Reinstallation of Propeller Unit Heaters *(23 82 39 16)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 16-0041	EA	Remove And Reinstall Up To 120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	619.68	
23 82 39 16-0042	EA	Remove And Reinstall >120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	826.25	

23 82 39 19 Wall and Ceiling Unit Heaters *(23 82 39)*

23 82 39 19-0001 Electric Unit Heaters *(23 82 39 19)*

Note: May be mounted both vertically and horizontally.

23 82 39 19-0002	EA	3 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277V	573.14	83.00
23 82 39 19-0003	EA	5 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277V	573.14	83.00
23 82 39 19-0004	EA	7.5 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277V	767.90	103.75
23 82 39 19-0005	EA	10 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277V	881.37	124.50
23 82 39 19-0006	EA	15 KW, 910 CFM Electric Unit Heater, 208, 240/208, or 277V	1,284.24	166.01
23 82 39 19-0007	EA	20 KW, 1320 CFM Electric Unit Heater, 208, 240/208, 277, or 480V	1,866.76	207.50
23 82 39 19-0008	EA	30 KW, 2100 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480V	2,572.29	249.00
23 82 39 19-0009	EA	50 KW, 3000 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480V	3,751.52	290.51
23 82 39 19-0010	EA	3 KW, 350 CFM Electric Unit Heater - 480V	705.49	83.00
23 82 39 19-0011	EA	5 KW, 350 CFM Electric Unit Heater - 480V	679.66	83.00
23 82 39 19-0012	EA	7.5 KW, 650 CFM Electric Unit Heater - 480V	805.73	103.75
23 82 39 19-0013	EA	10 KW, 650 CFM Electric Unit Heater - 480V	930.58	124.50
23 82 39 19-0014	EA	15 KW, 910 CFM Electric Unit Heater - 480V	1,382.67	166.01

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 19-0015		Electric Ceiling and Wall Heaters *(23 82 39 19)*		
		Note: The "/" between wattages indicates two or three speed operation. 120, 240/208 or 277 Volt.		
23 82 39 19-0016	EA	1000, 1500 Or 2000 Watt Recessed Electric Wall Heater	257.89	47.31
23 82 39 19-0017	EA	1500/750 Or 2000/1000 Watt Recessed Electric Wall Heater	291.98	58.10
23 82 39 19-0018	EA	3000, 3600, 4000 Or 4800 Watt Recessed Electric Wall Heater	464.70	58.10
23 82 39 19-0019	EA	1000, 1500 Or 2000 Watt Surface Mounted Electric Wall Heater	291.46	51.88
23 82 39 19-0020	EA	1500/750 Or 2000/1000 Watt Surface Mounted Electric Wall Heater	354.22	58.10
23 82 39 19-0021	EA	3000, 3600, 4000 Or 4800 Watt Surface Mounted Electric Wall Heater	526.94	58.10
23 82 39 19-0022	EA	1000, 1500 Or 2000/1500 Watt Recessed Electric Ceiling Heater	383.38	68.47
23 82 39 19-0023	EA	3000, 4000 Or 4000/3000 Watt Recessed Electric Ceiling Heater	703.87	72.62
23 82 39 19-0024	EA	4800/3600 Watt Recessed Electric Ceiling Heater	790.26	72.62
23 82 39 19-0025	EA	4000/3000/2000 Watt Recessed Or Surface Mounted Electric Ceiling Heater	915.85	76.78
23 82 39 19-0026	EA	5000/3800/2500 Watt Recessed Or Surface Mounted Electric Ceiling Heater	991.70	76.78
23 82 39 19-0027	EA	1000, 1500 Or 2000/1500 Watt Surface Mounted Electric Ceiling Heater	428.25	68.47
23 82 39 19-0028	EA	3000, 4000 Or 4000/3000 Watt Surface Mounted Electric Ceiling Heater	774.55	72.62
23 82 39 19-0029	EA	4800/3600 Watt Surface Mounted Electric Ceiling Heater	860.95	72.62
23 82 39 19-0030		Removal And Reinstallation Of Electric Unit Heaters *(23 82 39 19)*		
		Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 82 39 19-0031	EA	Remove And Reinstall Up To 15KW Electric Unit Heater	371.83	
23 82 39 19-0032	EA	Remove And Reinstall >15 KW Electric Unit Heater	764.37	

23 83 Radiant Heating Units *(23 80)*

23 83 13 Radiant-Heating Electric Cables *(23 83)*

23 83 13 00-0001		Self Regulating Heating Cable *(23 83 13)*		
23 83 13 00-0002	LF	3 Watt, 120V Self Regulating Low Temperature Heating Cable	5.41	0.58
		Note: Tinned copper braid, @ 50° F.		
		For TPE Covering, Add	*1.07*	
23 83 13 00-0003	LF	5 Watt, 120V Self Regulating Low Temperature Heating Cable	5.93	0.58
		Note: Tinned copper braid, @ 50° F.		
		For TPE Covering, Add	*1.20*	
23 83 13 00-0004	LF	8 Watt, 120V Self Regulating Low Temperature Heating Cable	6.39	0.58
		Note: Tinned copper braid, @ 50° F.		
		For TPE Covering, Add	*1.31*	
23 83 13 00-0005	LF	3 Watt, 240V Self Regulating Low Temperature Heating Cable	5.56	0.58
		Note: Tinned copper braid, @ 50° F.		
		For TPE Covering, Add	*1.10*	
23 83 13 00-0006	LF	5 Watt, 240V Self Regulating Low Temperature Heating Cable	6.08	0.58
		Note: Tinned copper braid, @ 50° F		
		For TPE Covering, Add	*1.23*	
23 83 13 00-0007	LF	8 Watt, 240V Self Regulating Low Temperature Heating Cable	6.60	0.58
		Note: Tinned copper braid, @ 50° F.		
		For TPE Covering, Add	*1.36*	
23 83 13 00-0008	EA	Power Connection Kit	182.51	45.42
		Note: Includes pre-set thermostat.		
23 83 13 00-0009	EA	Splice And Tee Kit	182.51	45.42
23 83 13 00-0010	EA	End Seal Kit	108.18	8.26
23 83 13 00-0011	EA	Ambient Air Sensing Thermostat	292.39	20.64
23 83 13 00-0012	EA	Line Sensing Thermostat	320.92	20.64
		Note: Mechanical or electronic.		

23 84 Humidity Control Equipment *(23 80)*

23 84 13 Humidifiers *(23 84)*

23 84 13 00-0001		Residential Humidifiers *(23 84 13)*		
		Note: Includes solenoid valve and flow through water supply.		
23 84 13 00-0002	EA	Duct Or Furnace Mounted Humidifier, Residential Type	381.05	51.64
23 84 13 00-0003		Steam Type Pneumatically Controlled *(23 84 13)*		
		Note: For duct or air handling installation standard unit with integral operator distribution manifold strainer trap and pneumatic modulating valve. Excludes humidistat and piping.		
23 84 13 00-0004	EA	3-191 LB/Hour Steam Humidifier, 24" Manifold, Pneumatic Controls	1,189.62	272.66
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*370.66*	
23 84 13 00-0005	EA	3-191 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	1,189.62	272.66
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*370.66*	
23 84 13 00-0006	EA	65-334 LB/Hour Steam Humidifier, 36" Manifold, Pneumatic Controls	1,631.09	272.66
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*503.10*	
23 84 13 00-0007	EA	65-334 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	1,734.37	340.83
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*537.52*	
23 84 13 00-0008	EA	100-690 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	2,356.99	272.66
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*720.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 84 13 00-0009	EA	100-690 LB/Hour Steam Humidifier, 84" Manifold, Pneumatic Controls	2,460.27	340.83
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*755.29*	
23 84 13 00-0010	EA	220-2000 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	3,594.49	340.83
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,095.56*	
23 84 13 00-0011	EA	220-2000 LB/Hour Steam Humidifier, 144" Manifold, Pneumatic Controls	3,723.60	426.55
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,138.60*	
23 84 13 00-0012		Electric Steam Humidifiers, Self-Steam Producing *(23 84 13)*		
		Note: Electronic modulating duct or air handling unit installation 208V-108V with 12"-72" manifolds included.		
23 84 13 00-0013	EA	1-96 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold	6,540.64	425.51
23 84 13 00-0014	EA	20-168 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold	8,218.58	426.55

23 84 16 Mechanical Dehumidification Units *(23 84)*

23 84 16 00-0001		Self Contained Free Standing Unit *(23 84 16)*		
		Note: Sized by moisture removal per 24 hours.		
23 84 16 00-0002	EA	12 Pint/24 Hour Dehumidifier	450.19	89.66
23 84 16 00-0003	EA	15 Pint/24 Hour Dehumidifier	485.09	89.66
23 84 16 00-0004	EA	20 Pint/24 Hour Dehumidifier	547.91	89.66
23 84 16 00-0005	EA	30 Pint/24 Hour Dehumidifier	624.69	89.66
23 84 16 00-0006	EA	40 Pint/24 Hour Dehumidifier	659.58	89.66
23 84 16 00-0007	EA	65 Pint/24 Hour Dehumidifier	727.37	89.66

END OF SECTION 23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 Electrical

Note: Termination costs are included with all electrical equipment, panel boards, fixtures and devices. Terminations are not included with patch panels where the number of terminations is not known.

26 01 Operation and Maintenance of Electrical Systems *(26)*

26 01 10 Operation And Maintenance Of Medium-Voltage Electrical Distribution *(26 01)*

26 01 10 00-0001 Retrofit Distribution Enclosures *(26 01 10)*

Note: Includes removal of equipment housing, punch or drill hole for window, touch-up area, and reinstallation of equipment housing.

26 01 10 00-0002	EA	2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-2C)	274.12	
		Note: 2mm thick, aluminum frame, hinged cover.		
		For Up To 20, Add	*55.80*	
		For > 20 To 50, Add	*44.64*	
		For > 50 To 100, Add	*22.32*	
26 01 10 00-0003	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-3C)	354.12	
		Note: 2mm thick, aluminum frame, hinged cover.		
		For Up To 20, Add	*75.80*	
		For > 20 To 50, Add	*60.64*	
		For > 50 To 100, Add	*30.32*	
26 01 10 00-0004	EA	4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-4C)	530.12	
		Note: 4mm thick, aluminum frame, hinged cover.		
		For Up To 20, Add	*119.80*	
		For > 20 To 50, Add	*95.84*	
		For > 50 To 100, Add	*47.92*	
26 01 10 00-0005	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 1 Rated (Fluke CLKTO)	271.84	
		Note: 2mm thick, aluminum frame, twist cover.		
		For Up To 20, Add	*55.23*	
		For > 20 To 50, Add	*44.18*	
		For > 50 To 100, Add	*22.09*	
26 01 10 00-0006	EA	2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-2)	273.25	
		Note: 2mm thick, aluminum frame, twist cover.		
		For Up To 20, Add	*55.58*	
		For > 20 To 50, Add	*44.47*	
		For > 50 To 100, Add	*22.23*	
26 01 10 00-0007	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-3)	347.60	
		Note: 2mm thick, aluminum frame, twist cover.		
		For Up To 20, Add	*74.17*	
		For > 20 To 50, Add	*59.34*	
		For > 50 To 100, Add	*29.67*	
26 01 10 00-0008	EA	4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-4)	515.65	
		Note: 4mm thick, aluminum frame, twist cover.		
		For Up To 20, Add	*116.18*	
		For > 20 To 50, Add	*92.95*	
		For > 50 To 100, Add	*46.47*	
26 01 10 00-0009	EA	2" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR)	216.52	
		Note: 0.25mm thick, composite frame, metal grille reinforced polymer.		
		For Up To 20, Add	*41.40*	
		For > 20 To 50, Add	*33.12*	
		For > 50 To 100, Add	*16.56*	
26 01 10 00-0010	EA	3" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR)	302.92	
		Note: 0.25mm thick, composite frame, metal grille reinforced polymer.		
		For Up To 20, Add	*63.00*	
		For > 20 To 50, Add	*50.40*	
		For > 50 To 100, Add	*25.20*	
26 01 10 00-0011	EA	4" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR)	428.92	
		Note: 0.25mm thick, composite frame, metal grille reinforced polymer.		
		For Up To 20, Add	*94.50*	
		For > 20 To 50, Add	*75.60*	
		For > 50 To 100, Add	*37.80*	
26 01 10 00-0012	EA	2" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	391.53	
		Note: 4mm thick, aluminum frame, magnetic cover.		
		For Up To 20, Add	*85.15*	
		For > 20 To 50, Add	*68.12*	
		For > 50 To 100, Add	*34.06*	
26 01 10 00-0013	EA	3" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	536.09	
		Note: 4mm thick, aluminum frame, magnetic cover.		
		For Up To 20, Add	*121.29*	
		For > 20 To 50, Add	*97.03*	
		For > 50 To 100, Add	*48.52*	
26 01 10 00-0014	EA	4" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	977.60	
		Note: 4mm thick, aluminum frame, magnetic cover.		
		For Up To 20, Add	*231.67*	
		For > 20 To 50, Add	*185.34*	
		For > 50 To 100, Add	*92.67*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 10 00-0015	EA	3" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	448.99	
		For Up To 20, Add	*99.52*	
		For > 20 To 50, Add	*79.61*	
		For > 50 To 100, Add	*39.81*	
26 01 10 00-0016	EA	4" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	658.29	
		For Up To 20, Add	*151.84*	
		For > 20 To 50, Add	*121.47*	
		For > 50 To 100, Add	*60.74*	

26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution *(26 01)*

26 01 20 00-0001 Lock Out/Tag Out Devices *(26 01 20)*

Note: Includes the installation and removal of identifying markers and securing equipment.

26 01 20 00-0002	EA	Lock Out/Tag Out Local Disconnect	20.64
26 01 20 00-0003	EA	Lock Out/Tag Out Breaker Or Motor Starter	30.85
26 01 20 00-0004	EA	Lock Out/Tag Out Tags	2.55
26 01 20 00-0005	EA	Existing Circuit Tracing Per Device	17.18

26 01 50 Operation and Maintenance of Lighting *(26 01)*

26 01 50 51 Luminaire Relamping *(26 01 50)*

26 01 50 51-0001 Lamps For Replacement In Existing Fixtures *(26 01 50 51)*

Note: Includes removal of existing lamp from fixture. Excludes disposal of hazardous lamps. See CSI section 26 01 50 51-0096 for disposal of hazardous lamps.

26 01 50 51-0002 Halogen Lamps *(26 01 50 51-0001)*

26 01 50 51-0003	EA	300 Watt, T3, Tungsten Halogen Lamp	43.20
26 01 50 51-0004	EA	500 Watt, T3, Tungsten Halogen Lamp	56.38
26 01 50 51-0005	EA	1000 Watt, T3, Tungsten Halogen Lamp	85.12
26 01 50 51-0006	EA	90 Watt, PAR38, Halogen Lamp	18.72

26 01 50 51-0007 Incandescent Lamps *(26 01 50 51-0001)*

26 01 50 51-0008	EA	100 Watt, Frosted, Interior Incandescent Lamp	4.82
		For Multiple Lamps In Fixture, Deduct	*-1.36*
26 01 50 51-0009	EA	150 Watt, Frosted, Interior Incandescent Lamp	6.33
		For Multiple Lamps In Fixture, Deduct	*-1.36*
26 01 50 51-0010	EA	200 Watt, Frosted, Interior Incandescent Lamp	8.01
		For Multiple Lamps In Fixture, Deduct	*-1.36*
26 01 50 51-0011	EA	300 Watt, PS25, Interior Incandescent Lamp	10.11
		For Multiple Lamps In Fixture, Deduct	*-1.36*
26 01 50 51-0012	EA	60 Watt, G25, Clear, Interior Incandescent Lamp	7.28
		For Multiple Lamps In Fixture, Deduct	*-1.36*
26 01 50 51-0013	EA	75 Watt, R20, Interior Incandescent Lamp	11.99
		For Multiple Lamps In Fixture, Deduct	*-1.64*
26 01 50 51-0014	EA	75 Watt, PAR38, Exterior Incandescent Lamp	14.94
		For Multiple Lamps In Fixture, Deduct	*-1.64*
26 01 50 51-0015	EA	100 Watt, PAR38, Exterior Incandescent Lamp	13.77
		For Multiple Lamps In Fixture, Deduct	*-1.64*
26 01 50 51-0016	EA	150 Watt, PAR38, Exterior Incandescent Lamp	24.93
		For Multiple Lamps In Fixture, Deduct	*-1.64*
26 01 50 51-0017	EA	250 Watt, PAR38, Exterior Incandescent Lamp	52.80
		For Multiple Lamps In Fixture, Deduct	*-1.91*
26 01 50 51-0018	EA	300 Watt, PAR56, Exterior Incandescent Lamp	60.99
		For Multiple Lamps In Fixture, Deduct	*-1.91*

26 01 50 51-0019 Exit Light Lamps *(26 01 50 51-0001)*

26 01 50 51-0020	EA	Convert Exit Light Lamps To Red LED Lamps	83.03
		For Green LED Lamps, Add	*25.00*
26 01 50 51-0021	EA	Fluorescent Lamp For Exit Light	23.90
		For Multiple Lamps In Fixture, Deduct	*-5.45*
26 01 50 51-0022	EA	Lamp Replacement For Emergency Lights On Exit Sign	34.99
		For Multiple Lamps In Fixture, Deduct	*-2.73*

26 01 50 51-0023 Fluorescent Lamps *(26 01 50 51-0001)*

26 01 50 51-0024	EA	46", 54 Watt T5 HO Fluorescent Lamp	22.54
26 01 50 51-0025	EA	18", 15 Watt, Preheat T8 Fluorescent Lamp	15.18
		For Multiple Lamps In Fixture, Deduct	*-2.18*
26 01 50 51-0026	EA	2', 17 Watt, Rapid Start T8 Fluorescent Lamp	11.36
		For Multiple Lamps In Fixture, Deduct	*-2.18*
26 01 50 51-0027	EA	3', 25 Watt, Rapid Start T8 Fluorescent Lamp	13.51
		For Multiple Lamps In Fixture, Deduct	*-2.45*
26 01 50 51-0028	EA	4', 32 Watt, Rapid Start T8 Fluorescent Lamp	9.91
		For Multiple Lamps In Fixture, Deduct	*-2.45*
26 01 50 51-0029	EA	8', 59 Watt, Instant Start T8 Fluorescent Lamp	21.73
		For Multiple Lamps In Fixture, Deduct	*-2.45*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0030	EA	18", 15 Watt, Preheat T12 Fluorescent Lamp	17.25	
		For Multiple Lamps In Fixture, Deduct	*-2.18*	
26 01 50 51-0031	EA	2', 20 Watt, Preheat T12 Fluorescent Lamp	16.93	
		For Multiple Lamps In Fixture, Deduct	*-2.18*	
26 01 50 51-0032	EA	3', 30 Watt, Preheat T12 Fluorescent Lamp	17.37	
		For Multiple Lamps In Fixture, Deduct	*-2.45*	
26 01 50 51-0033	EA	4', 32 Watt, Rapid Start T12 Fluorescent Lamp	11.57	
		For Multiple Lamps In Fixture, Deduct	*-2.45*	
26 01 50 51-0034	EA	4', 40 Watt, Rapid Start T12 Fluorescent Lamp	13.46	
		For Multiple Lamps In Fixture, Deduct	*-2.45*	
26 01 50 51-0035	EA	8', 60 Watt, Instant Start T12 Fluorescent Lamp	13.73	
		For Multiple Lamps In Fixture, Deduct	*-2.45*	
26 01 50 51-0036	EA	8', 75 Watt, Instant Start T12 Fluorescent Lamp	21.87	
		For Multiple Lamps In Fixture, Deduct	*-2.45*	
26 01 50 51-0037	EA	8', 95 Watt, Instant Start T12 Fluorescent Lamp	19.55	
26 01 50 51-0038	EA	6" Diameter, 20 Watt, Circular T9 Fluorescent Lamp	24.08	
		For Multiple Lamps In Fixture, Deduct	*-2.18*	
26 01 50 51-0039	EA	8" Diameter, 22 Watt, Circular T9 Fluorescent Lamp	17.86	
		For Multiple Lamps In Fixture, Deduct	*-2.18*	
26 01 50 51-0040	EA	12" Diameter, 32 Watt, Circular T9 Fluorescent Lamp	19.59	
		For Multiple Lamps In Fixture, Deduct	*-2.18*	
26 01 50 51-0041	EA	16" Diameter, 40 Watt, Circular T9 Fluorescent Lamp	29.54	
		For Multiple Lamps In Fixture, Deduct	*-2.18*	
26 01 50 51-0042	EA	6", 4 Watt, T5 Fluorescent Lamp	12.74	
		For Multiple Lamps In Fixture, Deduct	*-1.36*	
26 01 50 51-0043	EA	9", 6 Watt, T5 Fluorescent Lamp	12.74	
		For Multiple Lamps In Fixture, Deduct	*-1.36*	
26 01 50 51-0044	EA	12", 8 Watt, T5 Fluorescent Lamp	12.66	
		For Multiple Lamps In Fixture, Deduct	*-1.51*	
26 01 50 51-0045	EA	21", 13 Watt, T5 Fluorescent Lamp	25.71	
		For Multiple Lamps In Fixture, Deduct	*-1.70*	
26 01 50 51-0046	EA	34", 21 Watt, T5 Fluorescent Lamp	20.96	
		For Multiple Lamps In Fixture, Deduct	*-1.89*	
26 01 50 51-0047	EA	46", 28 Watt, T5 Fluorescent Lamp	21.69	
		For Multiple Lamps In Fixture, Deduct	*-2.13*	
26 01 50 51-0048	EA	46", 54 Watt T5 Fluorescent Lamp	12.94	
26 01 50 51-0049	EA	32 Watt, Rapid Start, U-Shaped T8 Fluorescent Lamp	24.82	
		For Multiple Lamps In Fixture, Deduct	*-2.73*	
26 01 50 51-0050	EA	35 Watt, Rapid Start, U-Shaped T12 Fluorescent Lamp	31.96	
		For Multiple Lamps In Fixture, Deduct	*-2.73*	
26 01 50 51-0051	EA	40 Watt, Rapid Start, U-Shaped T12 Fluorescent Lamp	33.45	
		For Multiple Lamps In Fixture, Deduct	*-2.73*	
26 01 50 51-0052	EA	27-55 Watt, 4-Pin Compact Fluorescent Lamp	35.23	
		For Multiple Lamps In Fixture, Deduct	*-1.36*	
26 01 50 51-0053	EA	5-13 Watt, 2-Pin Compact Fluorescent Lamp	10.55	
		For Multiple Lamps In Fixture, Deduct	*-1.36*	
26 01 50 51-0054	EA	9-26 Watt, 4-Pin Compact Fluorescent Lamp	29.63	
		For Multiple Lamps In Fixture, Deduct	*-1.36*	
26 01 50 51-0055	EA	Compact Fluorescent 13W, 4-Pin Lamps CF13DD/E/827, Dulux	18.15	
26 01 50 51-0056	EA	Compact Fluorescent 18W, 4-Pin Lamps CF18DD/E/827, Dulux	18.15	
26 01 50 51-0057	EA	32 Watt 2D (DoubleD) Fluorescent Lamp	31.96	
26 01 50 51-0058	EA	26 Watt (1600 Lumens) 4-pin Quad Tube PL Lamp	12.30	

26 01 50 51-0059 Mercury Vapor Lamps *(26 01 50 51-0001)*

26 01 50 51-0060	EA	100 Watt, Mercury Vapor Lamp	43.21	
26 01 50 51-0061	EA	175 Watt, Mercury Vapor Lamp	52.02	
26 01 50 51-0062	EA	250 Watt, Mercury Vapor Lamp	54.01	
26 01 50 51-0063	EA	400 Watt, Mercury Vapor Lamp	64.59	
26 01 50 51-0064	EA	1000 Watt, Mercury Vapor Lamp	113.32	

26 01 50 51-0065 Metal Halide Lamps *(26 01 50 51-0001)*

26 01 50 51-0066	EA	35 Watt, Metal Halide Lamp	96.26	
		For Pulse Start Lamps, Add	*8.35*	
26 01 50 51-0067	EA	50 Watt, Metal Halide Lamp	67.58	
		For Pulse Start Lamps, Add	*5.48*	
26 01 50 51-0068	EA	70 Watt, Metal Halide Lamp	58.44	
		For Pulse Start Lamps, Add	*4.56*	
26 01 50 51-0069	EA	100 Watt, Metal Halide Lamp	58.44	
		For Pulse Start Lamps, Add	*4.56*	
26 01 50 51-0070	EA	150 Watt, Metal Halide Lamp	65.42	
		For Pulse Start Lamps, Add	*5.26*	
26 01 50 51-0071	EA	175 Watt, Metal Halide Lamp	42.05	
26 01 50 51-0072	EA	175 Watt, Pulse Start Metal Halide Lamp	70.41	
26 01 50 51-0073	EA	250 Watt, Metal Halide Lamp	43.21	
26 01 50 51-0074	EA	250 Watt, Pulse Start Metal Halide Lamp	72.62	
26 01 50 51-0075	EA	400 Watt, Metal Halide Lamp	41.91	
26 01 50 51-0076	EA	400 Watt, Pulse Start Metal Halide Lamp	79.27	
26 01 50 51-0077	EA	1000 Watt, Metal Halide Lamp	81.76	
26 01 50 51-0078	EA	1000 Watt, Pulse Start Metal Halide Lamp	119.14	
26 01 50 51-0079	EA	1500 Watt, Metal Halide Lamp	208.08	

26 01 50 51-0080 High Pressure Sodium Lamps *(26 01 50 51-0001)*

26 01 50 51-0081	EA	35 Watt, High Pressure Sodium Lamp	50.75	
		For Enclosed And Gasket Light Fixtures, Add	*1.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0082	EA	50 Watt, High Pressure Sodium Lamp	42.05	
		For Enclosed And Gasket Light Fixtures, Add	*1.92*	
26 01 50 51-0083	EA	70 Watt, High Pressure Sodium Lamp	42.05	
		For Enclosed And Gasket Light Fixtures, Add	*1.92*	
26 01 50 51-0084	EA	100 Watt, High Pressure Sodium Lamp	44.82	
		For Enclosed And Gasket Light Fixtures, Add	*1.92*	
26 01 50 51-0085	EA	150 Watt, High Pressure Sodium Lamp	46.76	
		For Enclosed And Gasket Light Fixtures, Add	*1.92*	
26 01 50 51-0086	EA	250 Watt, High Pressure Sodium Lamp	45.86	
		For Enclosed And Gasket Light Fixtures, Add	*1.92*	
26 01 50 51-0087	EA	400 Watt, High Pressure Sodium Lamp	85.03	
		For Enclosed And Gasket Light Fixtures, Add	*1.92*	
26 01 50 51-0088	EA	1000 Watt, High Pressure Sodium Lamp	115.43	

26 01 50 51-0089 Low Pressure Sodium Lamps *(26 01 50 51-0001)*

26 01 50 51-0090	EA	35 Watt, Low Pressure Sodium Lamp	48.25	
26 01 50 51-0091	EA	55 Watt, Low Pressure Sodium Lamp	49.81	
26 01 50 51-0092	EA	70 Watt, Low Pressure Sodium Lamp	49.81	
26 01 50 51-0093	EA	90 Watt, Low Pressure Sodium Lamp	49.36	
26 01 50 51-0094	EA	135 Watt, Low Pressure Sodium Lamp	52.63	
26 01 50 51-0095	EA	180 Watt, Low Pressure Sodium Lamp	70.76	

26 01 50 51-0096 Recycle Hazardous Lamps *(26 01 50 51)*

Note: Includes containers, shipping costs and recycling fees. Excludes lamp removal. See CSI section 01 22 23 00-0001 for work over 14' to add appropriate aerial lift.

26 01 50 51-0097	EA	Recycle 2' Length Linear Fluorescent Lamps	0.23	
26 01 50 51-0098	EA	Recycle 3' Length Linear Fluorescent Lamps	0.34	
26 01 50 51-0099	EA	Recycle 4' Length Linear Fluorescent Lamps	0.45	
26 01 50 51-0100	EA	Recycle 6' Length Linear Fluorescent Lamps	0.68	
26 01 50 51-0101	EA	Recycle 8' Length Linear Fluorescent Lamps	0.90	
26 01 50 51-0102	EA	Recycle Compact Fluorescent Lamps	0.41	
26 01 50 51-0103	EA	Recycle U-Shaped Or Circular Fluorescent Lamps	0.41	
26 01 50 51-0104	EA	Recycle HID Lamps	1.41	

26 01 50 52 Ballasts And Accessories *(26 01 50)*

26 01 50 52-0001 Lighting Ballasts *(26 01 50 52)*

Note: Excludes recycling fees. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 52-0002 Fluorescent Ballasts *(26 01 50 52-0001)*

26 01 50 52-0003 T5 Fluorescent Ballasts *(26 01 50 52-0002)*

26 01 50 52-0004 T5 Fluorescent, Electronic Ballasts *(26 01 50 52-0003)*

Note: 120/277 Volt.

26 01 50 52-0005 14 Watt, T5 Fluorescent, Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0006	EA	1 Lamp, 14 Watt T5 Fluorescent, Programmed Start Electronic Ballast	72.49	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0007	EA	2 Lamp, 14 Watt T5 Fluorescent, Programmed Start Electronic Ballast	74.15	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	

26 01 50 52-0008 21 Watt, T5 Fluorescent, Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0009	EA	1 Lamp, 21 Watt T5 Fluorescent, Programmed Start Electronic Ballast	72.49	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0010	EA	2 Lamp, 21 Watt T5 Fluorescent, Programmed Start Electronic Ballast	74.15	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	

26 01 50 52-0011 24 Watt, T5 Fluorescent, Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0012	EA	1 Lamp, 24 Watt T5 Fluorescent, Programmed Start Electronic Ballast	72.49	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0013	EA	2 Lamp, 24 Watt T5 Fluorescent, Programmed Start Electronic Ballast	74.15	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	

26 01 50 52-0014 28 Watt, T5 Fluorescent, Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0015	EA	1 Lamp, 28 Watt T5 Fluorescent, Programmed Start Electronic Ballast	72.49	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0016	EA	2 Lamp, 28 Watt T5 Fluorescent, Programmed Start Electronic Ballast	74.15	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	

26 01 50 52-0017 35 Watt, T5 Fluorescent, Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0018	EA	1 Lamp, 35 Watt T5 Fluorescent, Programmed Start Electronic Ballast	72.49	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0019	EA	2 Lamp, 35 Watt T5 Fluorescent, Programmed Start Electronic Ballast	74.15	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	

26 01 50 52-0020 39 Watt, T5 Fluorescent, Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0021	EA	1 Lamp, 39 Watt T5 Fluorescent, Programmed Start Electronic Ballast	72.49	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0022	EA	2 Lamp, 39 Watt T5 Fluorescent, Programmed Start Electronic Ballast	74.15	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0023		**50 Watt, T5 Fluorescent, Electronic Ballasts** *(26 01 50 52-0004)*		
26 01 50 52-0024	EA	1 Lamp, 50 Watt T5 Fluorescent, Programmed Start Electronic Ballast	73.26	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0025	EA	2 Lamp, 50 Watt T5 Fluorescent, Programmed Start Electronic Ballast	74.92	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0026	EA	3 Lamp, 50 Watt T5 Fluorescent, Programmed Start Electronic Ballast	108.87	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0027	EA	4 Lamp, 50 Watt T5 Fluorescent, Programmed Start Electronic Ballast	110.52	25.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	
26 01 50 52-0028		**54 Watt, T5 Fluorescent, Electronic Ballasts** *(26 01 50 52-0004)*		
26 01 50 52-0029	EA	1 Lamp, 54 Watt T5 Fluorescent, Programmed Start Electronic Ballast	73.26	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0030	EA	2 Lamp, 54 Watt T5 Fluorescent, Programmed Start Electronic Ballast	74.92	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0031	EA	4 Lamp, 54 Watt T5 Fluorescent, Programmed Start Electronic Ballast	110.52	25.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	
26 01 50 52-0032		**55 Watt, T5 Fluorescent, Electronic Ballasts** *(26 01 50 52-0004)*		
26 01 50 52-0033	EA	1 Lamp, 55 Watt T5 Fluorescent, Programmed Start Electronic Ballast	73.26	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0034	EA	2 Lamp, 55 Watt T5 Fluorescent, Programmed Start Electronic Ballast	74.92	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0035	EA	3 Lamp, 55 Watt T5 Fluorescent, Programmed Start Electronic Ballast	108.87	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0036	EA	4 Lamp, 55 Watt T5 Fluorescent, Programmed Start Electronic Ballast	110.52	25.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	
26 01 50 52-0037		**58 Watt, T5 Fluorescent, Electronic Ballasts** *(26 01 50 52-0004)*		
26 01 50 52-0038	EA	1 Lamp, 58 Watt T5 Fluorescent, Programmed Start Electronic Ballast	73.26	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0039	EA	2 Lamp, 58 Watt T5 Fluorescent, Programmed Start Electronic Ballast	74.92	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0040	EA	4 Lamp, 58 Watt T5 Fluorescent, Programmed Start Electronic Ballast	110.52	25.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	
26 01 50 52-0041		**T5 Fluorescent, High-Output Electronic Ballasts** *(26 01 50 52-0003)* Note: 120/277 Volt.		
26 01 50 52-0042	EA	1 Lamp, 12 Watt T5 Fluorescent, Programmed Start High-Output Electronic Ballast	73.65	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0043	EA	2 Lamp, 12 Watt T5 Fluorescent, Programmed Start High-Output Electronic Ballast	75.31	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0044	EA	1 Lamp, 25 Watt T5 Fluorescent, Programmed Start High-Output Electronic Ballast	68.84	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0045	EA	2 Lamp, 25 Watt T5 Fluorescent, Programmed Start High-Output Electronic Ballast	70.50	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0046	EA	1 Lamp, 39 Watt T5 Fluorescent, Programmed Start High-Output Electronic Ballast	68.84	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0047	EA	2 Lamp, 39 Watt T5 Fluorescent, Programmed Start High-Output Electronic Ballast	70.50	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0048	EA	1 Lamp, 54 Watt T5 Fluorescent, Programmed Start High-Output Electronic Ballast	73.65	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0049	EA	2 Lamp, 54 Watt T5 Fluorescent, Programmed Start High-Output Electronic Ballast	75.31	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0050		**T5 Fluorescent, Light Level Switching Electronic Ballasts** *(26 01 50 52-0003)* Note: 120/277 Volt.		
26 01 50 52-0051		**28 Watt, T5 Fluorescent, Light Level Switching Electronic Ballasts** *(26 01 50 52-0050)*		
26 01 50 52-0052	EA	2 Lamp, 28 Watt T5 Fluorescent, Light Level Switching Electronic Ballast	113.18	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0053		**54 Watt, T5 Fluorescent, Light Level Switching Electronic Ballasts** *(26 01 50 52-0050)*		
26 01 50 52-0054	EA	1 Lamp, 54 Watt T5 Fluorescent, Light Level Switching Electronic Ballast	138.41	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0055	EA	2 Lamp, 54 Watt T5 Fluorescent, Light Level Switching Electronic Ballast	140.07	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0056	EA	3 Lamp, 54 Watt T5 Fluorescent, Light Level Switching Electronic Ballast	141.72	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0057	EA	4 Lamp, 54 Watt T5 Fluorescent, Light Level Switching Electronic Ballast	143.37	25.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	
26 01 50 52-0058		**T5 Fluorescent, Electronic Dimming Ballasts** *(26 01 50 52-0003)*		
26 01 50 52-0059		**120 V, T5 Fluorescent, Electronic Dimming Ballasts** *(26 01 50 52-0058)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0060		10% Dimming, T5 Fluorescent, 120 V, Electronic Dimming Ballasts *(26 01 50 52-0059)*		
26 01 50 52-0061	EA	2 Lamp, 28 Watt T5 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	165.52	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0062	EA	2 Lamp, 36 Watt T5 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	165.52	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0063	EA	3 Lamp, 36 Watt T5 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	178.01	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0064	EA	1 Lamp, 40 Watt T5 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	163.86	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0065	EA	2 Lamp, 40 Watt T5 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	165.52	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0066	EA	3 Lamp, 40 Watt T5 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	178.01	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0067	EA	1 Lamp, 50 Watt T5 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	163.86	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0068	EA	2 Lamp, 50 Watt T5 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	165.52	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0069	EA	2 Lamp, 39 Watt T5HO Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	187.41	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0070	EA	2 Lamp, 54 Watt T5HO Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	165.52	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0071		277 V, T5 Fluorescent, Electronic Dimming Ballasts *(26 01 50 52-0058)*		
26 01 50 52-0072		10% Dimming, T5 Fluorescent, 277 V, Electronic Dimming Ballasts *(26 01 50 52-0071)*		
26 01 50 52-0073	EA	2 Lamp, 28 Watt T5 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	165.52	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0074	EA	2 Lamp, 36 Watt T5 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	165.52	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0075	EA	3 Lamp, 36 Watt T5 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	178.01	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0076	EA	1 Lamp, 40 Watt T5 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	163.86	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0077	EA	2 Lamp, 40 Watt T5 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	165.52	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0078	EA	3 Lamp, 40 Watt T5 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	178.01	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0079	EA	1 Lamp, 50 Watt T5 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	163.86	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0080	EA	2 Lamp, 50 Watt T5 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	165.52	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0081	EA	2 Lamp, 39 Watt T5HO Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	187.41	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0082	EA	2 Lamp, 54 Watt T5HO Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	165.52	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0083		T8 Fluorescent Ballasts *(26 01 50 52-0002)*		
26 01 50 52-0084		T8 Fluorescent, Electromagnetic Ballasts *(26 01 50 52-0083)* Note: 120/277 Volt.		
26 01 50 52-0085		25 Watt, T8 Fluorescent, Electromagnetic Ballasts *(26 01 50 52-0084)*		
26 01 50 52-0086	EA	2 Lamp, 25 Watt T8 Fluorescent, Rapid Start Electromagnetic Ballast	69.04	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0087		32 Watt, T8 Fluorescent, Electromagnetic Ballasts *(26 01 50 52-0084)*		
26 01 50 52-0088	EA	1 Lamp, 32 Watt T8 Fluorescent, Instant Start Electromagnetic Ballast	59.06	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0089	EA	2 Lamp, 32 Watt T8 Fluorescent, Instant Start Electromagnetic Ballast	68.96	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0090	EA	2 Lamp, 32 Watt T8 Fluorescent, Rapid Start Electromagnetic Ballast	69.04	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0091		T8 Fluorescent, Electronic Ballasts *(26 01 50 52-0083)* Note: 120/277 Volt.		
26 01 50 52-0092		17 Watt, T8 Fluorescent, Electronic Ballasts *(26 01 50 52-0091)*		
26 01 50 52-0093	EA	1 Lamp, 17 Watt T8 Fluorescent, Instant Start Electronic Ballast	49.37	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0094	EA	1 Lamp, 17 Watt T8 Fluorescent, Rapid Start Electronic Ballast	58.08	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0095	EA	1 Lamp, 17 Watt T8 Fluorescent, Programmed Start Electronic Ballast	61.70	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0096	EA	2 Lamp, 17 Watt T8 Fluorescent, Instant Start Electronic Ballast	53.84	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0097	EA	2 Lamp, 17 Watt T8 Fluorescent, Rapid Start Electronic Ballast	58.60	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0098	EA	2 Lamp, 17 Watt T8 Fluorescent, Programmed Start Electronic Ballast	63.36	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0099	EA	3 Lamp, 17 Watt T8 Fluorescent, Instant Start Electronic Ballast	56.55	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0100	EA	3 Lamp, 17 Watt T8 Fluorescent, Rapid Start Electronic Ballast	65.60	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0101	EA	3 Lamp, 17 Watt T8 Fluorescent, Programmed Start Electronic Ballast	70.74	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0102	EA	4 Lamp, 17 Watt T8 Fluorescent, Instant Start Electronic Ballast	60.28	25.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	
26 01 50 52-0103	EA	4 Lamp, 17 Watt T8 Fluorescent, Rapid Start Electronic Ballast	69.80	25.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	
26 01 50 52-0104	EA	4 Lamp, 17 Watt T8 Fluorescent, Programmed Start Electronic Ballast	72.39	25.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	

26 01 50 52-0105 25 Watt, T8 Fluorescent, Electronic Ballasts *(26 01 50 52-0091)*

26 01 50 52-0106	EA	1 Lamp, 25 Watt T8 Fluorescent, Instant Start Electronic Ballast	49.37	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0107	EA	1 Lamp, 25 Watt T8 Fluorescent, Rapid Start Electronic Ballast	58.08	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0108	EA	1 Lamp, 25 Watt T8 Fluorescent, Programmed Start Electronic Ballast	61.70	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0109	EA	2 Lamp, 25 Watt T8 Fluorescent, Instant Start Electronic Ballast	53.84	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0110	EA	2 Lamp, 25 Watt T8 Fluorescent, Rapid Start Electronic Ballast	58.60	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0111	EA	2 Lamp, 25 Watt T8 Fluorescent, Programmed Start Electronic Ballast	63.36	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0112	EA	3 Lamp, 25 Watt T8 Fluorescent, Instant Start Electronic Ballast	56.55	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0113	EA	3 Lamp, 25 Watt T8 Fluorescent, Rapid Start Electronic Ballast	65.60	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0114	EA	3 Lamp, 25 Watt T8 Fluorescent, Programmed Start Electronic Ballast	70.74	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0115	EA	4 Lamp, 25 Watt T8 Fluorescent, Instant Start Electronic Ballast	60.28	25.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	
26 01 50 52-0116	EA	4 Lamp, 25 Watt T8 Fluorescent, Rapid Start Electronic Ballast	69.80	25.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	
26 01 50 52-0117	EA	4 Lamp, 25 Watt T8 Fluorescent, Programmed Start Electronic Ballast	72.39	25.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	

26 01 50 52-0118 28 Watt, T8 Fluorescent, Electronic Ballasts *(26 01 50 52-0091)*

26 01 50 52-0119	EA	1 Lamp, 28 Watt T8 Fluorescent, Instant Start Electronic Ballast	49.37	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0120	EA	1 Lamp, 28 Watt T8 Fluorescent, Programmed Start Electronic Ballast	61.70	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0121	EA	2 Lamp, 28 Watt T8 Fluorescent, Instant Start Electronic Ballast	53.84	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0122	EA	2 Lamp, 28 Watt T8 Fluorescent, Programmed Start Electronic Ballast	63.36	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0123	EA	3 Lamp, 28 Watt T8 Fluorescent, Instant Start Electronic Ballast	56.55	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0124	EA	3 Lamp, 28 Watt T8 Fluorescent, Programmed Start Electronic Ballast	70.74	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0125	EA	4 Lamp, 28 Watt T8 Fluorescent, Instant Start Electronic Ballast	60.28	25.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	
26 01 50 52-0126	EA	4 Lamp, 28 Watt T8 Fluorescent, Programmed Start Electronic Ballast	72.39	25.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	

26 01 50 52-0127 32 Watt, T8 Fluorescent, Electronic Ballasts *(26 01 50 52-0091)*

26 01 50 52-0128	EA	1 Lamp, 32 Watt T8 Fluorescent, Instant Start Electronic Ballast	49.37	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0129	EA	1 Lamp, 32 Watt T8 Fluorescent, Rapid Start Electronic Ballast	58.08	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0130	EA	1 Lamp, 32 Watt T8 Fluorescent, Programmed Start Electronic Ballast	61.70	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0131	EA	2 Lamp, 32 Watt T8 Fluorescent, Instant Start Electronic Ballast	53.84	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0132	EA	2 Lamp, 32 Watt T8 Fluorescent, Rapid Start Electronic Ballast	58.60	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0133	EA	2 Lamp, 32 Watt T8 Fluorescent, Programmed Start Electronic Ballast	63.36	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0134	EA	3 Lamp, 32 Watt T8 Fluorescent, Instant Start Electronic Ballast	56.55	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0135	EA	3 Lamp, 32 Watt T8 Fluorescent, Rapid Start Electronic Ballast	65.60	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0136	EA	3 Lamp, 32 Watt T8 Fluorescent, Programmed Start Electronic Ballast	70.74	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0137	EA	4 Lamp, 32 Watt T8 Fluorescent, Instant Start Electronic Ballast	60.28	25.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	
26 01 50 52-0138	EA	4 Lamp, 32 Watt T8 Fluorescent, Rapid Start Electronic Ballast	69.80	25.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	
26 01 50 52-0139	EA	4 Lamp, 32 Watt T8 Fluorescent, Programmed Start Electronic Ballast	72.39	25.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	

26 01 50 52-0140 40 Watt, T8 Fluorescent, Electronic Ballasts *(26 01 50 52-0091)*

26 01 50 52-0141	EA	1 Lamp, 40 Watt T8 Fluorescent, Instant Start Electronic Ballast	55.74	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0142	EA	1 Lamp, 40 Watt T8 Fluorescent, Programmed Start Electronic Ballast	61.70	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0143	EA	2 Lamp, 40 Watt T8 Fluorescent, Instant Start Electronic Ballast	57.40	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0144	EA	2 Lamp, 40 Watt T8 Fluorescent, Programmed Start Electronic Ballast	63.36	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0145	EA	3 Lamp, 40 Watt T8 Fluorescent, Instant Start Electronic Ballast	67.13	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0146	EA	3 Lamp, 40 Watt T8 Fluorescent, Programmed Start Electronic Ballast	70.74	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0147	EA	4 Lamp, 40 Watt T8 Fluorescent, Instant Start Electronic Ballast	68.78	25.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	
26 01 50 52-0148	EA	4 Lamp, 40 Watt T8 Fluorescent, Programmed Start Electronic Ballast	72.39	25.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	
26 01 50 52-0149		96 Watt, T8 Fluorescent, Electronic Ballasts *(26 01 50 52-0091)*		
26 01 50 52-0150	EA	1 Lamp, 96 Watt T8 Fluorescent, Instant Start Electronic Ballast	66.37	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0151	EA	2 Lamp, 96 Watt T8 Fluorescent, Instant Start Electronic Ballast	68.03	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0152		T8 Fluorescent, High-Output Electronic Ballasts *(26 01 50 52-0083)*		
		Note: 120/277 Volt.		
26 01 50 52-0153	EA	1 Lamp, 40 Watt T8 Fluorescent, Programmed Start High-Output Electronic Ballast	121.62	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0154	EA	2 Lamp, 40 Watt T8 Fluorescent, Programmed Start High-Output Electronic Ballast	123.28	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0155	EA	1 Lamp, 60 Watt T8 Fluorescent, Programmed Start High-Output Electronic Ballast	121.62	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0156	EA	2 Lamp, 60 Watt T8 Fluorescent, Programmed Start High-Output Electronic Ballast	123.28	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0157	EA	1 Lamp, 72 Watt T8 Fluorescent, Programmed Start High-Output Electronic Ballast	121.62	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0158	EA	2 Lamp, 72 Watt T8 Fluorescent, Programmed Start High-Output Electronic Ballast	123.28	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0159	EA	1 Lamp, 96 Watt T8 Fluorescent, Programmed Start High-Output Electronic Ballast	121.62	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0160	EA	2 Lamp, 96 Watt T8 Fluorescent, Programmed Start High-Output Electronic Ballast	123.28	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0161		T8 Fluorescent, Electronic Dimming Ballasts *(26 01 50 52-0083)*		
26 01 50 52-0162		120 V, T8 Fluorescent, Electronic Dimming Ballasts *(26 01 50 52-0161)*		
26 01 50 52-0163		1% Dimming, T8 Fluorescent, 120 V, Electronic Dimming Ballasts *(26 01 50 52-0162)*		
26 01 50 52-0164	EA	1 Lamp, 25 Watt T8 Fluorescent, 120 V, 1% Light Level, Electronic Dimming Ballast	209.55	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0165	EA	2 Lamp, 25 Watt T8 Fluorescent, 120 V, 1% Light Level, Electronic Dimming Ballast	197.82	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0166	EA	1 Lamp, 32 Watt T8 Fluorescent, 120 V, 1% Light Level, Electronic Dimming Ballast	221.03	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0167	EA	2 Lamp, 32 Watt T8 Fluorescent, 120 V, 1% Light Level, Electronic Dimming Ballast	209.30	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0168	EA	3 Lamp, 32 Watt T8 Fluorescent, 120 V, 1% Light Level, Electronic Dimming Ballast	236.24	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0169		5% Dimming, T8 Fluorescent, 120 V, Electronic Dimming Ballasts *(26 01 50 52-0162)*		
26 01 50 52-0170	EA	1 Lamp, 17 Watt T8 Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast	105.38	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0171	EA	2 Lamp, 17 Watt T8 Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast	108.70	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0172	EA	3 Lamp, 17 Watt T8 Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast	125.19	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0173	EA	1 Lamp, 25 Watt T8 Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast	105.38	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0174	EA	2 Lamp, 25 Watt T8 Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast	108.70	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0175	EA	3 Lamp, 25 Watt T8 Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast	125.19	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0176	EA	1 Lamp, 32 Watt T8 Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast	105.38	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0177	EA	2 Lamp, 32 Watt T8 Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast	108.70	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0178	EA	3 Lamp, 32 Watt T8 Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast	125.19	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0179		10% Dimming, T8 Fluorescent, 120 V, Electronic Dimming Ballasts *(26 01 50 52-0162)*		
26 01 50 52-0180	EA	2 Lamp, 25 Watt T8 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	154.69	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0181	EA	1 Lamp, 32 Watt T8 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	122.60	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0182	EA	2 Lamp, 32 Watt T8 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	124.26	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0183	EA	3 Lamp, 32 Watt T8 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	171.00	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0184		277 V, T8 Fluorescent, Electronic Dimming Ballasts *(26 01 50 52-0161)*		
26 01 50 52-0185		1% Dimming, T8 Fluorescent, 277 V, Electronic Dimming Ballasts *(26 01 50 52-0184)*		
26 01 50 52-0186	EA	2 Lamp, 25 Watt T8 Fluorescent, 277 V, 1% Light Level, Electronic Dimming Ballast	199.74	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0187	EA	1 Lamp, 32 Watt T8 Fluorescent, 277 V, 1% Light Level, Electronic Dimming Ballast	218.05	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0188	EA	2 Lamp, 32 Watt T8 Fluorescent, 277 V, 1% Light Level, Electronic Dimming Ballast	223.75	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0189	EA	3 Lamp, 32 Watt T8 Fluorescent, 277 V, 1% Light Level, Electronic Dimming Ballast	252.17	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0190		5% Dimming, T8 Fluorescent, 277 V, Electronic Dimming Ballasts *(26 01 50 52-0184)*		
26 01 50 52-0191	EA	1 Lamp, 17 Watt T8 Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	109.17	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0192	EA	2 Lamp, 17 Watt T8 Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	111.42	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0193	EA	3 Lamp, 17 Watt T8 Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	132.24	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0194	EA	1 Lamp, 25 Watt T8 Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	109.17	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0195	EA	2 Lamp, 25 Watt T8 Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	111.42	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0196	EA	3 Lamp, 25 Watt T8 Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	132.24	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0197	EA	1 Lamp, 32 Watt T8 Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	109.17	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0198	EA	2 Lamp, 32 Watt T8 Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	111.42	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0199	EA	3 Lamp, 32 Watt T8 Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	132.24	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0200		10% Dimming, T8 Fluorescent, 277 V, Electronic Dimming Ballasts *(26 01 50 52-0184)*		
26 01 50 52-0201	EA	2 Lamp, 32 Watt T8 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	124.26	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0202	EA	3 Lamp, 32 Watt T8 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	166.33	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0203		T10 Fluorescent Ballasts *(26 01 50 52-0002)*		
26 01 50 52-0204		T10 Fluorescent, Electromagnetic Ballasts *(26 01 50 52-0203)* Note: 120/277 Volt.		
26 01 50 52-0205		40 Watt, T10 Fluorescent, Electromagnetic Ballasts *(26 01 50 52-0204)*		
26 01 50 52-0206	EA	1 Lamp, 40 Watt T10 Fluorescent, Rapid Start Electromagnetic Ballast	56.64	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0207	EA	2 Lamp, 40 Watt T10 Fluorescent, Rapid Start Electromagnetic Ballast	48.10	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0208		T10 Fluorescent, Electronic Ballasts *(26 01 50 52-0203)* Note: 120/277 Volt.		
26 01 50 52-0209		40 Watt, T10 Fluorescent, Electronic Ballasts *(26 01 50 52-0208)*		
26 01 50 52-0210	EA	1 Lamp, 40 Watt T10 Fluorescent, Rapid Start Electronic Ballast	48.44	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0211	EA	2 Lamp, 40 Watt T10 Fluorescent, Rapid Start Electronic Ballast	52.35	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0212	EA	3 Lamp, 40 Watt T10 Fluorescent, Rapid Start Electronic Ballast	54.00	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0213		T12 Fluorescent Ballasts *(26 01 50 52-0002)*		
26 01 50 52-0214		T12 Fluorescent, Electromagnetic Ballasts *(26 01 50 52-0213)* Note: 120/277 Volt.		
26 01 50 52-0215		30 Watt, T12 Fluorescent, Electromagnetic Ballasts *(26 01 50 52-0214)*		
26 01 50 52-0216	EA	1 Lamp, 30 Watt T12 Fluorescent, Rapid Start Electromagnetic Ballast	46.98	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0217	EA	2 Lamp, 30 Watt T12 Fluorescent, Rapid Start Electromagnetic Ballast	69.04	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0218		34 Watt, T12 Fluorescent, Electromagnetic Ballasts *(26 01 50 52-0214)*		
26 01 50 52-0219	EA	1 Lamp, 34 Watt T12 Fluorescent, Rapid Start Electromagnetic Ballast	46.98	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0220		**40 Watt, T12 Fluorescent, Electromagnetic Ballasts** *(26 01 50 52-0214)*		
26 01 50 52-0221	EA	1 Lamp, 40 Watt T12 Fluorescent, Rapid Start Electromagnetic Ballast	56.64	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0222	EA	2 Lamp, 40 Watt T12 Fluorescent, Instant Start Slimline Electromagnetic Ballast	81.16	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0223		**96 Watt, T12 Fluorescent, Electromagnetic Ballasts** *(26 01 50 52-0214)*		
26 01 50 52-0224	EA	1 Lamp, 96 Watt T12 Fluorescent, Instant Start Slimline Electromagnetic Ballast	77.42	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0225	EA	2 Lamp, 96 Watt T12 Fluorescent, Instant Start Slimline Electromagnetic Ballast	66.63	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0226		**T12 Fluorescent, Electronic Ballasts** *(26 01 50 52-0213)* Note: 120/277 Volt.		
26 01 50 52-0227		**25 Watt, T12 Fluorescent, Electronic Ballasts** *(26 01 50 52-0226)*		
26 01 50 52-0228	EA	1 Lamp, 25 Watt T12 Fluorescent, Instant Start Electronic Ballast	49.37	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0229	EA	1 Lamp, 25 Watt T12 Fluorescent, Programmed Start Electronic Ballast	48.44	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0230	EA	2 Lamp, 25 Watt T12 Fluorescent, Instant Start Electronic Ballast	53.84	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0231	EA	2 Lamp, 25 Watt T12 Fluorescent, Rapid Start Electronic Ballast	59.87	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0232	EA	2 Lamp, 25 Watt T12 Fluorescent, Programmed Start Electronic Ballast	50.10	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0233	EA	3 Lamp, 25 Watt T12 Fluorescent, Instant Start Electronic Ballast	56.55	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0234	EA	4 Lamp, 25 Watt T12 Fluorescent, Instant Start Electronic Ballast	60.28	25.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	
26 01 50 52-0235		**30 Watt, T12 Fluorescent, Electronic Ballasts** *(26 01 50 52-0226)*		
26 01 50 52-0236	EA	1 Lamp, 30 Watt T12 Fluorescent, Programmed Start Electronic Ballast	48.44	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0237	EA	2 Lamp, 30 Watt T12 Fluorescent, Rapid Start Electronic Ballast	59.87	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0238	EA	2 Lamp, 30 Watt T12 Fluorescent, Programmed Start Electronic Ballast	50.10	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0239	EA	3 Lamp, 30 Watt T12 Fluorescent, Rapid Start Electronic Ballast	49.14	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0240		**34 Watt, T12 Fluorescent, Electronic Ballasts** *(26 01 50 52-0226)*		
26 01 50 52-0241	EA	1 Lamp, 34 Watt T12 Fluorescent, Rapid Start Electronic Ballast	50.09	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0242	EA	1 Lamp, 34 Watt T12 Fluorescent, Programmed Start Electronic Ballast	48.44	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0243	EA	2 Lamp, 34 Watt T12 Fluorescent, Rapid Start Electronic Ballast	59.87	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0244	EA	2 Lamp, 34 Watt T12 Fluorescent, Programmed Start Electronic Ballast	50.10	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0245	EA	3 Lamp, 34 Watt T12 Fluorescent, Rapid Start Electronic Ballast	49.14	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0246		**40 Watt, T12 Fluorescent, Electronic Ballasts** *(26 01 50 52-0226)*		
26 01 50 52-0247	EA	1 Lamp, 40 Watt T12 Fluorescent, Rapid Start Electronic Ballast	50.09	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0248	EA	1 Lamp, 40 Watt T12 Fluorescent, Programmed Start Electronic Ballast	48.44	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0249	EA	2 Lamp, 40 Watt T12 Fluorescent, Rapid Start Electronic Ballast	59.87	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0250	EA	2 Lamp, 40 Watt T12 Fluorescent, Programmed Start Electronic Ballast	50.10	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0251	EA	3 Lamp, 40 Watt T12 Fluorescent, Rapid Start Electronic Ballast	49.14	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0252		**96 Watt, T12 Fluorescent, Electronic Ballasts** *(26 01 50 52-0226)*		
26 01 50 52-0253	EA	1 Lamp, 96 Watt T12 Fluorescent, Programmed Start Electronic Ballast	56.81	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0254	EA	2 Lamp, 96 Watt T12 Fluorescent, Programmed Start Electronic Ballast	68.03	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0255		**T12 Fluorescent, High-Output Electronic Ballasts** *(26 01 50 52-0213)*		
26 01 50 52-0256		**120 V, T12 Fluorescent, High-Output Electronic Ballasts** *(26 01 50 52-0255)*		
26 01 50 52-0257	EA	2 Lamp, 48 Watt T12 Fluorescent, 120 V, Rapid Start High-Output Electronic Ballast	90.38	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0258	EA	2 Lamp, 60 Watt T12 Fluorescent, 120 V, Rapid Start High-Output Electronic Ballast	90.38	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0259	EA	2 Lamp, 72 Watt T12 Fluorescent, 120 V, Rapid Start High-Output Electronic Ballast	90.38	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0260	EA	1 Lamp, 96 Watt T12 Fluorescent, 120 V, Rapid Start High-Output Electronic Ballast	88.72	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0261	EA	2 Lamp, 96 Watt T12 Fluorescent, 120 V, Rapid Start High-Output Electronic Ballast	90.38	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	

26 01 50 52-0262 277 V, T12 Fluorescent, High-Output Electronic Ballasts *(26 01 50 52-0255)*

26 01 50 52-0263	EA	2 Lamp, 48 Watt T12 Fluorescent, 277 V, Rapid Start High-Output Electronic Ballast	101.78	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0264	EA	2 Lamp, 60 Watt T12 Fluorescent, 277 V, Rapid Start High-Output Electronic Ballast	101.78	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0265	EA	2 Lamp, 72 Watt T12 Fluorescent, 277 V, Rapid Start High-Output Electronic Ballast	101.78	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0266	EA	1 Lamp, 96 Watt T12 Fluorescent, 277 V, Rapid Start High-Output Electronic Ballast	100.12	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0267	EA	2 Lamp, 96 Watt T12 Fluorescent, 277 V, Rapid Start High-Output Electronic Ballast	101.78	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	

26 01 50 52-0268 Fluorescent Emergency Ballasts *(26 01 50 52-0002)*

Note: 120/277 Volt.

26 01 50 52-0269	EA	One Lamp, 350-450 Lumens, Code Compliance, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine B100)	92.43	20.64
		For Factory Installation In New Fixtures, Deduct	*-33.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 01 50 52-0270	EA	Two Lamp, 600-700 Lumens, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine B60)	116.97	22.30
		For Factory Installation In New Fixtures, Deduct	*-34.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.41*	
26 01 50 52-0271	EA	One Or Two Lamp, 1100-1400 Lumens, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine B50)	142.21	22.30
		For Factory Installation In New Fixtures, Deduct	*-34.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.41*	
26 01 50 52-0272	EA	One Or Two Lamp, 600-700 Lumens, Two Hour Illumination, Fluorescent Emergency Ballast (Bodine B70A)	110.43	22.30
		For Factory Installation In New Fixtures, Deduct	*-34.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.41*	
26 01 50 52-0273	EA	Two Or Three Lamp, 2700-3400 Lumens, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine B33)	277.65	23.95
		For Factory Installation In New Fixtures, Deduct	*-36.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.90*	
26 01 50 52-0274	EA	One Lamp, 225-450 Lumens, Four Hour Illumination, Fluorescent Emergency Ballast (Bodine B54)	151.52	20.64
		For Factory Installation In New Fixtures, Deduct	*-33.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 01 50 52-0275	EA	One Or Two Lamp, 325-1000 Lumens, Ninety Minute Illumination, Compact Fluorescent Emergency Ballast (Bodine B84CG)	138.01	22.30
		For Factory Installation In New Fixtures, Deduct	*-34.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.41*	
26 01 50 52-0276	EA	One Or Two Lamp, 300-750 Lumens, Ninety Minute Illumination, Compact Fluorescent Emergency Ballast (Bodine B94CG)	132.44	22.30
		For Factory Installation In New Fixtures, Deduct	*-34.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.41*	
26 01 50 52-0277	EA	One Lamp, 200-625 Lumens, Ninety Minute Illumination, Damp Location, Compact Fluorescent Emergency Ballast (Bodine B413)	128.40	20.64
		For Factory Installation In New Fixtures, Deduct	*-33.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 01 50 52-0278	EA	One Lamp, 300-650 Lumens, Damp Location, Ninety Minute Illumination, Compact Fluorescent Emergency Ballast (Bodine B463)	140.55	20.64
		For Factory Installation In New Fixtures, Deduct	*-33.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 01 50 52-0279	EA	One Or Two Lamp, 450-950 Lumens, Ninety Minute Illumination, Damp Location, Compact Fluorescent Emergency Ballast (Bodine B426)	153.43	22.30
		For Factory Installation In New Fixtures, Deduct	*-34.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.41*	
26 01 50 52-0280	EA	One Or Two Lamp, 1100-1400 Lumens, Ninety Minute Illumination, Damp Location, Fluorescent Emergency Ballast (Bodine BDL500)	149.57	22.30
		For Factory Installation In New Fixtures, Deduct	*-34.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.41*	
26 01 50 52-0281	EA	Two Lamp, 600-700 Lumens, Damp Location, Fluorescent Emergency Ballast (Bodine BDL600)	142.34	22.30
		For Factory Installation In New Fixtures, Deduct	*-34.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.41*	
26 01 50 52-0282	EA	One Lamp, 600-700 Lumens, Two Hour Illumination, Fluorescent Emergency Ballast (Bodine BDL700)	128.40	20.64
		For Factory Installation In New Fixtures, Deduct	*-33.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 01 50 52-0283	EA	One Lamp, 500-600 Lumens, Damp Location, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine BDL900)	108.38	20.64
		For Factory Installation In New Fixtures, Deduct	*-33.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 01 50 52-0284	EA	One Or Two Lamp, 300-750 Lumens, Damp Location, Ninety Minute Illumination, Compact Fluorescent Emergency Ballast (Bodine BDL94C)	132.84	22.30
		For Factory Installation In New Fixtures, Deduct	*-34.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.41*	
26 01 50 52-0285	EA	One Lamp, 450 Lumens, Low Profile, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine LP400)	131.31	20.64
		For Factory Installation In New Fixtures, Deduct	*-33.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 01 50 52-0286	EA	One Or Two Lamp, 1100-1400 Lumens, Self Testing, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine B50ST)	226.37	22.30
		For Factory Installation In New Fixtures, Deduct	*-34.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0287	EA	One Or Two Lamp, 1800-3500 Lumens, Self Testing, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine B30ST)	177.75	22.30
		For Factory Installation In New Fixtures, Deduct	*-34.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.41*	
26 01 50 52-0288	EA	One Or Two Lamp, 1450-3500 Lumens, Remote Control Testing, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine B30RCT)	296.96	22.30
		For Factory Installation In New Fixtures, Deduct	*-34.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.41*	
26 01 50 52-0289	EA	One Or Two Lamp, 1100-1400 Lumens, Remote Control Testing, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine B50RCT)	185.69	22.30
		For Factory Installation In New Fixtures, Deduct	*-34.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.41*	
26 01 50 52-0290	EA	One Or Two Lamp, 1100-3100 Lumens, Central Battery, Fluorescent Emergency Ballast With Voltage Sensing Circuit (Bodine CB90-48)	99.71	22.30
		For Factory Installation In New Fixtures, Deduct	*-34.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.41*	
26 01 50 52-0291	EA	One Lamp, 1050-3200 Lumens, Interim Lighting For Generator Backup, Five Minute Illumination, Fluorescent Emergency Ballast (Bodine GEN1)	147.19	20.64
		For Factory Installation In New Fixtures, Deduct	*-33.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 01 50 52-0292	EA	250 Watt, Self-Diagnostic, Ninety Minute Illumination, Fluorescent Emergency Lighting Inverter (Bodine ELI-250-SD)	121.43	20.64
		For Factory Installation In New Fixtures, Deduct	*-33.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	

26 01 50 52-0293 Compact Fluorescent Ballasts *(26 01 50 52-0001)*

26 01 50 52-0294 Compact Fluorescent, Electronic Ballasts *(26 01 50 52-0293)*

Note: 120/277 Volt.

26 01 50 52-0295 18 Watt, Compact Fluorescent, Electronic Ballasts *(26 01 50 52-0294)*

26 01 50 52-0296	EA	1 Lamp, 18 Watt Compact Fluorescent, Rapid Start Electronic Ballast	56.47	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0297	EA	1 Lamp, 18 Watt Compact Fluorescent, Programmed Start Electronic Ballast	62.63	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0298	EA	2 Lamp, 18 Watt Compact Fluorescent, Rapid Start Electronic Ballast	58.13	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0299	EA	2 Lamp, 18 Watt Compact Fluorescent, Programmed Start Electronic Ballast	65.10	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	

26 01 50 52-0300 26 Watt, Compact Fluorescent, Electronic Ballasts *(26 01 50 52-0294)*

26 01 50 52-0301	EA	1 Lamp, 26 Watt Compact Fluorescent, Rapid Start Electronic Ballast	56.47	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0302	EA	1 Lamp, 26 Watt Compact Fluorescent, Programmed Start Electronic Ballast	63.44	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0303	EA	2 Lamp, 26 Watt Compact Fluorescent, Rapid Start Electronic Ballast	90.94	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0304	EA	2 Lamp, 26 Watt Compact Fluorescent, Programmed Start Electronic Ballast	77.76	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	

26 01 50 52-0305 32 Watt, Compact Fluorescent, Electronic Ballasts *(26 01 50 52-0294)*

26 01 50 52-0306	EA	1 Lamp, 32 Watt Compact Fluorescent, Rapid Start Electronic Ballast	56.47	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0307	EA	1 Lamp, 32 Watt Compact Fluorescent, Programmed Start Electronic Ballast	76.10	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0308	EA	2 Lamp, 32 Watt Compact Fluorescent, Rapid Start Electronic Ballast	90.94	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	

26 01 50 52-0309 40 Watt, Compact Fluorescent, Electronic Ballasts *(26 01 50 52-0294)*

26 01 50 52-0310	EA	1 Lamp, 40 Watt Compact Fluorescent, Instant Start Electronic Ballast	79.33	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0311	EA	2 Lamp, 40 Watt Compact Fluorescent, Instant Start Electronic Ballast	80.99	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0312	EA	3 Lamp, 40 Watt Compact Fluorescent, Instant Start Electronic Ballast	93.14	23.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	

26 01 50 52-0313 42 Watt, Compact Fluorescent, Electronic Ballasts *(26 01 50 52-0294)*

26 01 50 52-0314	EA	1 Lamp, 42 Watt Compact Fluorescent, Rapid Start Electronic Ballast	56.47	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0315	EA	1 Lamp, 42 Watt Compact Fluorescent, Programmed Start Electronic Ballast	76.10	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0316	EA	2 Lamp, 42 Watt Compact Fluorescent, Rapid Start Electronic Ballast	90.94	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	

26 01 50 52-0317 50 Watt, Compact Fluorescent, Electronic Ballasts *(26 01 50 52-0294)*

26 01 50 52-0318	EA	1 Lamp, 50 Watt Compact Fluorescent, Rapid Start Electronic Ballast	64.90	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0319	EA	2 Lamp, 50 Watt Compact Fluorescent, Rapid Start Electronic Ballast	62.20	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	

26 01 50 52-0320 55 Watt, Compact Fluorescent, Electronic Ballasts *(26 01 50 52-0294)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0321	EA	1 Lamp, 55 Watt Compact Fluorescent, Rapid Start Electronic Ballast	64.90	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0322	EA	2 Lamp, 55 Watt Compact Fluorescent, Rapid Start Electronic Ballast	62.20	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	

26 01 50 52-0323 Compact Fluorescent, Electronic Dimming Ballasts *(26 01 50 52-0293)*

26 01 50 52-0324 120 V, TBX Compact Fluorescent, Electronic Dimming Ballasts *(26 01 50 52-0323)*

26 01 50 52-0325 5% Dimming, TBX Compact Fluorescent, 120 V, Electronic Dimming Ballasts *(26 01 50 52-0324)*

26 01 50 52-0326	EA	1 Lamp, 26 Watt TBX Compact Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast	152.60	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0327	EA	2 Lamp, 26 Watt TBX Compact Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast	165.52	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0328	EA	1 Lamp, 32 Watt TBX Compact Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast	152.60	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0329	EA	2 Lamp, 32 Watt TBX Compact Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast	165.52	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	

26 01 50 52-0330 277 V, TBX Compact Fluorescent, Electronic Dimming Ballasts *(26 01 50 52-0323)*

26 01 50 52-0331 5% Dimming, TBX Compact Fluorescent, 277 V, Electronic Dimming Ballasts *(26 01 50 52-0330)*

26 01 50 52-0332	EA	1 Lamp, 26 Watt TBX Compact Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	152.60	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0333	EA	2 Lamp, 26 Watt TBX Compact Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	165.52	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0334	EA	1 Lamp, 32 Watt TBX Compact Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	152.60	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0335	EA	2 Lamp, 32 Watt TBX Compact Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	165.52	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	

26 01 50 52-0336 HID Ballasts *(26 01 50 52-0001)*

26 01 50 52-0337 Magnetic HID Ballasts *(26 01 50 52-0336)*

26 01 50 52-0338 Core And Coil HID Ballasts *(26 01 50 52-0337)*

26 01 50 52-0339 Metal Halide, Core And Coil HID Ballasts *(26 01 50 52-0338)*

26 01 50 52-0340	EA	1 Lamp, 100 Watt Metal Halide, 120/277 V, Core And Coil HID Ballast	219.94	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0341	EA	1 Lamp, 250 Watt Metal Halide, 120/277 V, Core And Coil HID Ballast	160.44	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0342	EA	1 Lamp, 250 Watt Metal Halide, 480 V, Core And Coil HID Ballast	160.44	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0343	EA	1 Lamp, 400 Watt Metal Halide, 120/277 V, Core And Coil HID Ballast	188.28	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0344	EA	1 Lamp, 400 Watt Metal Halide, 480 V, Core And Coil HID Ballast	188.28	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0345	EA	2 Lamp, 400 Watt Metal Halide, 120/277 V, Core And Coil HID Ballast	458.11	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.17*	
26 01 50 52-0346	EA	1 Lamp, 1000 Watt Metal Halide, 120/277 V, Core And Coil HID Ballast	306.21	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0347	EA	1 Lamp, 1000 Watt Metal Halide, 480 V, Core And Coil HID Ballast	306.21	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0348	EA	1 Lamp, 1500 Watt Metal Halide, 120/277 V, Core And Coil HID Ballast	403.75	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0349	EA	1 Lamp, 1500 Watt Metal Halide, 480 V, Core And Coil HID Ballast	428.39	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	

26 01 50 52-0350 High Pressure Sodium, Core And Coil HID Ballasts *(26 01 50 52-0338)*

26 01 50 52-0351	EA	1 Lamp, 50 Watt High Pressure Sodium, 120/277 V, Core And Coil HID Ballast	234.39	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0352	EA	1 Lamp, 70 Watt High Pressure Sodium, 120/277 V, Core And Coil HID Ballast	216.96	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0353	EA	1 Lamp, 100 Watt High Pressure Sodium, 120/277 V, Core And Coil HID Ballast	222.49	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0354	EA	1 Lamp, 150 Watt High Pressure Sodium, 120/277 V, Core And Coil HID Ballast	233.96	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0355	EA	1 Lamp, 150 Watt High Pressure Sodium, 480 V, Core And Coil HID Ballast	272.42	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0356	EA	1 Lamp, 250 Watt High Pressure Sodium, 120/277 V, Core And Coil HID Ballast	307.06	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0357	EA	1 Lamp, 250 Watt High Pressure Sodium, 480 V, Core And Coil HID Ballast	307.06	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0358	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 V, Core And Coil HID Ballast	296.22	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0359	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 V, Core And Coil HID Ballast	296.22	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0360	EA	1 Lamp, 1000 Watt High Pressure Sodium, 120/277 V, Core And Coil HID Ballast	474.72	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0361	EA	1 Lamp, 1000 Watt High Pressure Sodium, 480 V, Core And Coil HID Ballast	474.72	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0362		Mounting Brackets For Core And Coil HID Ballasts *(26 01 50 52-0338)*		
26 01 50 52-0363	EA	Single Mounting Bracket For Core And Coil Type	10.58	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.26*	
26 01 50 52-0364	EA	Double Mounting Bracket For Core And Coil Type	17.43	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 01 50 52-0365		F-Can HID Ballasts *(26 01 50 52-0337)*		
26 01 50 52-0366		Metal Halide, F-Can HID Ballasts *(26 01 50 52-0365)*		
26 01 50 52-0367	EA	1 Lamp, 70 Watt Metal Halide, 120/277 V, F-Can HID Ballast	174.46	20.64
		For Pulse Start Ballast, Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0368	EA	1 Lamp, 100 Watt Metal Halide, 120/277 V, F-Can HID Ballast	180.62	20.64
		For Pulse Start Ballast, Add	*15.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0369	EA	1 Lamp, 175 Watt Metal Halide, 120/277 V, F-Can HID Ballast	137.40	20.64
		For Pulse Start Ballast, Add	*10.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0370	EA	1 Lamp, 250 Watt Metal Halide, 120/277 V, F-Can HID Ballast	165.54	20.64
		For Pulse Start Ballast, Add	*13.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0371	EA	1 Lamp, 400 Watt Metal Halide, 120/277 V, F-Can HID Ballast	258.82	20.64
		For Pulse Start Ballast, Add	*22.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0372		High Pressure Sodium, F-Can HID Ballasts *(26 01 50 52-0365)*		
26 01 50 52-0373	EA	1 Lamp, 70 Watt High Pressure Sodium, 120/277 V, F-Can HID Ballast	183.39	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0374	EA	1 Lamp, 100 Watt High Pressure Sodium, 120/277 V, F-Can HID Ballast	184.66	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0375		Postline HID Ballasts *(26 01 50 52-0337)*		
26 01 50 52-0376		Metal Halide, Postline HID Ballasts *(26 01 50 52-0375)*		
26 01 50 52-0377	EA	1 Lamp, 50 Watt Metal Halide, 120 V, Postline HID Ballast	357.52	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0378		High Pressure Sodium, Postline HID Ballasts *(26 01 50 52-0375)*		
26 01 50 52-0379	EA	1 Lamp, 35 Watt High Pressure Sodium, 120 V, Postline HID Ballast	334.53	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0380	EA	1 Lamp, 50 Watt High Pressure Sodium, 120 V, Postline HID Ballast	328.12	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0381	EA	1 Lamp, 70 Watt High Pressure Sodium, 120 V, Postline HID Ballast	342.31	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0382	EA	1 Lamp, 100 Watt High Pressure Sodium, 120 V, Postline HID Ballast	398.22	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0383	EA	1 Lamp, 150 Watt High Pressure Sodium, 120 V, Postline HID Ballast	415.63	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0384		Indoor Enclosed HID Ballasts *(26 01 50 52-0337)*		
26 01 50 52-0385		Metal Halide, Indoor Enclosed HID Ballasts *(26 01 50 52-0384)*		
26 01 50 52-0386	EA	1 Lamp, 175 Watt Metal Halide, 120/277 V, Indoor Enclosed HID Ballast	269.88	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0387	EA	1 Lamp, 250 Watt Metal Halide, 120/277 V, Indoor Enclosed HID Ballast	305.15	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0388	EA	1 Lamp, 400 Watt Metal Halide, 120/277 V, Indoor Enclosed HID Ballast	357.42	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0389	EA	1 Lamp, 400 Watt Metal Halide, 480 V, Indoor Enclosed HID Ballast	327.46	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0390	EA	2 Lamp, 400 Watt Metal Halide, 120/277 V, Indoor Enclosed HID Ballast	555.01	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.17*	
26 01 50 52-0391	EA	2 Lamp, 400 Watt Metal Halide, 480 V, Indoor Enclosed HID Ballast	555.01	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.17*	
26 01 50 52-0392	EA	1 Lamp, 1000 Watt Metal Halide, 120/277 V, Indoor Enclosed HID Ballast	609.88	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0393	EA	1 Lamp, 1000 Watt Metal Halide, 480 V, Indoor Enclosed HID Ballast	610.30	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0394		High Pressure Sodium, Indoor Enclosed HID Ballasts *(26 01 50 52-0384)*		
26 01 50 52-0395	EA	1 Lamp, 250 Watt High Pressure Sodium, 120/277 V, Indoor Enclosed HID Ballast	533.38	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0396	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 V, Indoor Enclosed HID Ballast	559.72	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0397	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 V, Indoor Enclosed HID Ballast	558.45	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0398	EA	1 Lamp, 1000 Watt High Pressure Sodium, 120/277 V, Indoor Enclosed HID Ballast	863.60	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0399	EA	1 Lamp, 1000 Watt High Pressure Sodium, 480 V, Indoor Enclosed HID Ballast	863.60	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	

26 01 50 52-0400 Outdoor Weatherproof HID Ballasts *(26 01 50 52-0337)*

26 01 50 52-0401 Metal Halide, Outdoor Weatherproof HID Ballasts *(26 01 50 52-0400)*

26 01 50 52-0402	EA	1 Lamp, 175 Watt Metal Halide, 120/277 V, Outdoor Weatherproof HID Ballast	352.96	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0403	EA	1 Lamp, 250 Watt Metal Halide, 120/277 V, Outdoor Weatherproof HID Ballast	365.50	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0404	EA	1 Lamp, 400 Watt Metal Halide, 120/277 V, Outdoor Weatherproof HID Ballast	407.15	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0405	EA	1 Lamp, 400 Watt Metal Halide, 480 V, Outdoor Weatherproof HID Ballast	410.12	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0406	EA	2 Lamp, 400 Watt Metal Halide, 120/277 V, Outdoor Weatherproof HID Ballast	616.21	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.17*	
26 01 50 52-0407	EA	2 Lamp, 400 Watt Metal Halide, 480 V, Outdoor Weatherproof HID Ballast	620.88	22.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.17*	
26 01 50 52-0408	EA	1 Lamp, 1000 Watt Metal Halide, 120/277 V, Outdoor Weatherproof HID Ballast	731.42	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0409	EA	1 Lamp, 1000 Watt Metal Halide, 480 V, Outdoor Weatherproof HID Ballast	728.02	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	

26 01 50 52-0410 High Pressure Sodium, Outdoor Weatherproof HID Ballasts *(26 01 50 52-0400)*

26 01 50 52-0411	EA	1 Lamp, 150 Watt High Pressure Sodium, 120/277 V, Outdoor Weatherproof HID Ballast	476.85	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0412	EA	1 Lamp, 250 Watt High Pressure Sodium, 120/277 V, Outdoor Weatherproof HID Ballast	642.18	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0413	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 V, Outdoor Weatherproof HID Ballast	692.32	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0414	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 V, Outdoor Weatherproof HID Ballast	728.02	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0415	EA	1 Lamp, 1000 Watt High Pressure Sodium, 120/277 V, Outdoor Weatherproof HID Ballast	1,040.40	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0416	EA	1 Lamp, 1000 Watt High Pressure Sodium, 480 V, Outdoor Weatherproof HID Ballast	947.75	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	

26 01 50 52-0417 Electronic HID Ballasts *(26 01 50 52-0336)*

26 01 50 52-0418 Electronic Low Frequency HID Ballasts *(26 01 50 52-0417)*

26 01 50 52-0419	EA	1 Lamp, 70 Watt Metal Halide, 120/277 V, Electronic Low Frequency HID Ballast	145.22	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0420	EA	1 Lamp, 100 Watt Metal Halide, 120/277 V, Electronic Low Frequency HID Ballast	145.22	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0421	EA	1 Lamp, 150 Watt Metal Halide, 120/277 V, Electronic Low Frequency HID Ballast	145.22	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0422	EA	1 Lamp, 250 Watt Metal Halide, 120/277 V, Electronic Low Frequency HID Ballast	330.44	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0423	EA	1 Lamp, 300 Watt Metal Halide, 120/277 V, Electronic Low Frequency HID Ballast	330.44	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0424	EA	1 Lamp, 320 Watt Metal Halide, 120/277 V, Electronic Low Frequency HID Ballast	330.44	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0425	EA	1 Lamp, 350 Watt Metal Halide, 120/277 V, Electronic Low Frequency HID Ballast	330.44	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0426	EA	1 Lamp, 400 Watt Metal Halide, 120/277 V, Electronic Low Frequency HID Ballast	330.44	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	

26 01 50 52-0427 Owner Supplied Ballasts *(26 01 50 52-0001)*

26 01 50 52-0428	EA	Install Owner Supplied, 1 Lamp Fluorescent Ballast	20.64	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 01 50 52-0429	EA	Install Owner Supplied, 2 Lamp Fluorescent Ballast	22.30	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 01 50 52-0430	EA	Install Owner Supplied, 3 Lamp Fluorescent Ballast	23.95	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.19*	
26 01 50 52-0431	EA	Install Owner Supplied, 4 Lamp Fluorescent Ballast	25.60	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.68*	
26 01 50 52-0432	EA	Install Owner Supplied, 1 Lamp HID Ballast	28.90	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 01 50 52-0433	EA	Install Owner Supplied, 2 Lamp HID Ballast	30.56	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.17*	

26 01 50 53 Lens and Accessory Replacement *(26 01 50)*

26 01 50 53-0001	EA	Parabolic Aluminum Louver Replacement	83.83	
26 01 50 53-0002	EA	Visor For Fixtures	159.97	
26 01 50 53-0003	EA	Replace Globe On Pole	202.09	
26 01 50 53-0004	EA	Replace Lenses For Flat Top Pole Fixtures	74.77	
26 01 50 53-0005	EA	Replace 1' x 4' Diffuser With Prismatic Acrylic Diffuser, 0.125" Thick	24.09	
26 01 50 53-0006	EA	Replace 2' x 2' Diffuser With Prismatic Acrylic Diffuser, 0.125" Thick	25.30	
26 01 50 53-0007	EA	Replace 2' x 4' Diffuser With Prismatic Acrylic Diffuser, 0.125" Thick	30.58	
26 01 50 53-0008	EA	Replace Slide-On Lampholder	10.17	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 53-0009	EA	Replace Screw Mount Lampholder	10.36	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 01 50 53-0010	EA	Replace Medium Bi-Pin Lampholder	11.97	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 01 50 53-0011	EA	Replace Fixed High Output Lampholder, Recessed, Double Contact Double Pedestal Type	14.44	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 01 50 53-0012	EA	Replace Plunger High Output Lampholder, Recessed, Double Contact Double Pedestal Type	16.05	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 01 50 53-0013	EA	Replace Compact Twin-Tube Lampholder, Snap-in	11.72	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 01 50 53-0014	EA	Replace Exterior Light Globes	39.08	

26 05 Common Work Results For Electrical *(26)*

26 05 13 Medium-Voltage Cables *(26 05)*

26 05 13 00-0001 Wire And Cable *(26 05 13)*

Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.

26 05 13 00-0002 Wire Connections *(26 05 13 00-0001)*

26 05 13 00-0003 Medium Voltage Up To 5 KV *(26 05 13 00-0002)*

26 05 13 00-0004 Shielded One Conductor Cable Splice *(26 05 13 00-0003)*

26 05 13 00-0005	EA	#6 AWG Cable Splice, To 5 KV 1/c Shielded Medium Voltage To 5 KV	204.18	82.45
26 05 13 00-0006	EA	#2 AWG Cable Splice, To 5 KV 1/c Shielded Medium Voltage To 5 KV	238.32	82.45
26 05 13 00-0007	EA	1/0 AWG Cable Splice, To 5 KV 1/c Shielded Medium Voltage To 5 KV	238.32	82.45
26 05 13 00-0008	EA	2/0 AWG Cable Splice, To 5 KV 1/c Shielded Medium Voltage To 5 KV	262.86	98.93
26 05 13 00-0009	EA	3/0 AWG Cable Splice, To 5 KV 1/c Shielded Medium Voltage To 5 KV	262.86	98.93
26 05 13 00-0010	EA	4/0 AWG Cable Splice, To 5 KV 1/c Shielded Medium Voltage To 5 KV	262.86	98.93
26 05 13 00-0011	EA	250 MCM Cable Splice, To 5 KV 1/c Shielded Medium Voltage To 5 KV	295.58	115.42
26 05 13 00-0012	EA	350 MCM Cable Splice, To 5 KV 1/c Shielded Medium Voltage To 5 KV	295.58	115.42
26 05 13 00-0013	EA	500 MCM Cable Splice, To 5 KV 1/c Shielded Medium Voltage To 5 KV	295.58	115.42

26 05 13 00-0014 Cable Termination Without Stress Cone *(26 05 13 00-0003)*

26 05 13 00-0015	EA	#6 To 4/0 AWG Cable Termination Without Stress Cone, Medium Voltage To 5 KV	199.18	98.93
26 05 13 00-0016	EA	250 To 500 MCM Cable Termination Without Stress Cone, Medium Voltage To 5 KV	234.84	115.42

26 05 13 00-0017 Cable Termination With Stress Cone *(26 05 13 00-0003)*

26 05 13 00-0018	EA	#6 To 4/0 AWG Cable Termination With Stress Cone, Medium Voltage To 5 KV	686.03	197.87
26 05 13 00-0019	EA	250 To 500 MCM Cable Termination With Stress Cone, Medium Voltage To 5 KV	949.01	272.07

26 05 13 00-0020 Connect To Pothead, Pothead Included *(26 05 13 00-0003)*

26 05 13 00-0021	EA	#6 To 4/0 AWG Connection To Pothead (Included) Medium Voltage To 5 KV	706.65	197.87
26 05 13 00-0022	EA	250 To 500 MCM Connection To Pothead (Included) Medium Voltage To 5 KV	878.03	226.72

26 05 13 00-0023 Two Conductor Pothead *(26 05 13 00-0003)*

Note: Includes 5 KV pothead.

26 05 13 00-0024	EA	#6 To 4/0 AWG 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	673.87	272.07
26 05 13 00-0025	EA	250 To 350 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	873.40	346.27
26 05 13 00-0026	EA	400 To 700 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	1,176.00	392.60
26 05 13 00-0027	EA	750 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	1,697.68	458.06
26 05 13 00-0028	EA	1000 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	2,937.33	687.02

26 05 13 00-0029 Three Conductor Pothead *(26 05 13 00-0003)*

Note: Includes 5 KV pothead.

26 05 13 00-0030	EA	#6 To 4/0 3/c 5 KV Pothead (Included) Medium Voltage To 5 KV	1,873.62	395.74
26 05 13 00-0031	EA	250 To 500 MCM 3/c 5 KV Pothead (Included) Medium Voltage To 5 KV	2,085.12	461.69

26 05 13 00-0032 Copper Cable Splice, Crimp Compression Connection *(26 05 13 00-0003)*

Note: For bare wire.

26 05 13 00-0033	EA	#6 AWG Crimp Compression Connection For Bare Copper Wire	53.20	
26 05 13 00-0034	EA	#4 AWG Crimp Compression Connection For Bare Copper Wire	58.35	
26 05 13 00-0035	EA	#3 AWG Crimp Compression Connection For Bare Copper Wire	68.06	
26 05 13 00-0036	EA	#2 AWG Crimp Compression Connection For Bare Copper Wire	77.48	
26 05 13 00-0037	EA	#1 AWG Crimp Compression Connection For Bare Copper Wire	87.31	
26 05 13 00-0038	EA	1/0 AWG Crimp Compression Connection For Bare Copper Wire	96.97	
26 05 13 00-0039	EA	2/0 AWG Crimp Compression Connection For Bare Copper Wire	106.57	
26 05 13 00-0040	EA	3/0 AWG Crimp Compression Connection For Bare Copper Wire	116.45	
26 05 13 00-0041	EA	4/0 AWG Crimp Compression Connection For Bare Copper Wire	126.14	
26 05 13 00-0042	EA	250 MCM Crimp Compression Connection For Bare Copper Wire	135.97	
26 05 13 00-0043	EA	300 MCM Crimp Compression Connection For Bare Copper Wire	145.96	
26 05 13 00-0044	EA	350 MCM Crimp Compression Connection For Bare Copper Wire	155.57	
26 05 13 00-0045	EA	400 MCM Crimp Compression Connection For Bare Copper Wire	175.46	
26 05 13 00-0046	EA	500 MCM Crimp Compression Connection For Bare Copper Wire	195.71	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 00-0047		Aluminum Cable Splice, Crimp Compression Connection *(26 05 13 00-0003)*		
		Note: For bare wire.		
26 05 13 00-0048	EA	#6 AWG Crimp Compression Connection For Bare Aluminum Wire	53.94	
26 05 13 00-0049	EA	#4 AWG Crimp Compression Connection For Bare Aluminum Wire	58.76	
26 05 13 00-0050	EA	#2 AWG Crimp Compression Connection For Bare Aluminum Wire	78.82	
26 05 13 00-0051	EA	#1 AWG Crimp Compression Connection For Bare Aluminum Wire	90.72	
26 05 13 00-0052	EA	1/0 AWG Crimp Compression Connection For Bare Aluminum Wire	100.19	
26 05 13 00-0053	EA	2/0 AWG Crimp Compression Connection For Bare Aluminum Wire	109.65	
26 05 13 00-0054	EA	3/0 AWG Crimp Compression Connection For Bare Aluminum Wire	120.02	
26 05 13 00-0055	EA	4/0 AWG Crimp Compression Connection For Bare Aluminum Wire	129.91	
26 05 13 00-0056	EA	250 MCM Crimp Compression Connection For Bare Aluminum Wire	139.66	
26 05 13 00-0057	EA	300 MCM Crimp Compression Connection For Bare Aluminum Wire	149.57	
26 05 13 00-0058	EA	350 MCM Crimp Compression Connection For Bare Aluminum Wire	159.36	
26 05 13 00-0059	EA	400 MCM Crimp Compression Connection For Bare Aluminum Wire	180.88	
26 05 13 00-0060	EA	500 MCM Crimp Compression Connection For Bare Aluminum Wire	202.48	
26 05 13 00-0061		15 KV *(26 05 13 00-0002)*		
26 05 13 00-0062		Single Conductor Pothead On Racks *(26 05 13 00-0061)*		
		Note: Includes pothead.		
26 05 13 00-0063	EA	#2 To 4/0 AWG 1/c 15 KV Pothead (Included), On Racks	830.32	346.27
26 05 13 00-0064	EA	250 To 500 MCM 1/c 15 KV Pothead (Included), On Racks	1,048.70	428.71
26 05 13 00-0065		Two Conductor Pothead On Rack *(26 05 13 00-0061)*		
		Note: Includes pothead.		
26 05 13 00-0066	EA	#2 To 4/0 AWG 2/c 15 KV Pothead (Included), On Racks	1,250.21	527.65
26 05 13 00-0067	EA	250 To 500 MCM 2/c 15 KV Pothead (Included), On Racks	1,490.27	626.58
26 05 13 00-0068		Three Conductor Pothead On Rack *(26 05 13 00-0061)*		
		Note: Includes pothead.		
26 05 13 00-0069	EA	#2 To 4/0 AWG 3/c 15 KV Pothead (Included), On Racks	1,611.01	684.29
26 05 13 00-0070	EA	250 To 500 MCM 3/c 15 KV Pothead (Included), On Racks	2,010.44	857.43
26 05 13 00-0071		Stress Relief Cone On Rack *(26 05 13 00-0061)*		
26 05 13 00-0072	EA	#2 To 4/0 AWG Stress Relief Cone, On Rack	805.40	346.27
26 05 13 00-0073	EA	250 To 500 MCM Stress Relief Cone, On Rack	1,020.69	428.71
26 05 13 00-0074		Grounded, Shielded Cable Splice *(26 05 13 00-0061)*		
26 05 13 00-0075	EA	#2 To 4/0 AWG Cable Splice, Grounded, Shielded, 15 KV	577.72	255.58
26 05 13 00-0076	EA	250 To 500 MCM Cable Splice, Grounded, Shielded, 15 KV	742.99	329.78
26 05 13 00-0077	EA	3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE 2-Way	2,755.62	906.90
26 05 13 00-0078	EA	3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE - CE 3-Way	3,328.06	989.35
26 05 13 00-0079		Cable Termination *(26 05 13 00-0061)*		
26 05 13 00-0080	EA	#2 To 3/0 AWG Cable Termination 15 KV	352.87	144.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.57*	
26 05 13 00-0081	EA	4/0 To 250 MCM Cable Termination 15 KV	449.69	185.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*111.30*	
26 05 13 00-0082	EA	350 To 500 MCM Cable Termination 15 KV	553.59	226.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.04*	
26 05 13 00-0083	EA	#2 To 3/0 AWG Cable Elbow Termination 15 KV	213.40	82.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 05 13 00-0084		Stress Cones, 5-15 KV, 4 Skirted *(26 05 13 00-0061)*		
26 05 13 00-0085	EA	#4 To 1/0 AWG Stress Cones, 5-15 KV, 4 Skirted	358.08	107.18
26 05 13 00-0086	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 4 Skirted	403.27	118.46
26 05 13 00-0087	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 4 Skirted	465.64	129.63
26 05 13 00-0088	EA	400 To 500 MCM Stress Cones, 5-15 KV, 4 Skirted	578.00	149.36
26 05 13 00-0089		Stress Cones, 5-15 KV, 6 Skirted *(26 05 13 00-0061)*		
26 05 13 00-0090	EA	#4 To 1/0 AWG Stress Cones, 5-15 KV, 6 Skirted	716.18	214.72
26 05 13 00-0091	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 6 Skirted	806.61	236.91
26 05 13 00-0092	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 6 Skirted	921.68	254.46
26 05 13 00-0093	EA	400 To 500 MCM Stress Cones, 5-15 KV, 6 Skirted	1,156.01	298.71
26 05 13 00-0094		35 KV *(26 05 13 00-0002)*		
26 05 13 00-0095		35 KV One Conductor Splice *(26 05 13 00-0094)*		
26 05 13 00-0096	EA	Cable Splicing, #1 Stranded To 4/0 Stranded, 35 KV	1,435.89	
26 05 13 00-0097		Cable Termination *(26 05 13 00-0094)*		
26 05 13 00-0098	EA	#2 To 3/0 AWG Cable Termination 35 KV	275.61	99.01
26 05 13 00-0099	EA	3/0 AWG To 250 MCM Cable Termination 35 KV	393.67	149.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 00-0100	EA	350 To 500 MCM Cable Termination 35 KV	440.41	159.78
26 05 13 00-0101	EA	#2 To 3/0 AWG Cable Elbow Termination 35 KV	223.43	82.45
26 05 13 00-0102		70 KV *(26 05 13 00-0002)*		
26 05 13 00-0103		Cable Splice *(26 05 13 00-0102)*		
26 05 13 00-0104	EA	Cable Splicing, 350 MCM 70 KV	4,597.12	
26 05 13 00-0105	EA	Cable Splicing, #2 To 4/0 70 KV	1,461.10	
26 05 13 00-0106		5 KV Cable *(26 05 13 00-0001)*		
26 05 13 00-0107		Shielded, XLP Insulation 5 KV, Single Copper Conductor *(26 05 13 00-0106)*		
		Note: Conductor pulled in duct, 133 percent insulation.		
26 05 13 00-0108	MLF	#6 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	2,879.16	660.92
26 05 13 00-0109	MLF	#4 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	3,462.80	721.66
26 05 13 00-0110	MLF	#2 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	4,174.26	815.37
26 05 13 00-0111	MLF	#1/0 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	5,465.16	1,004.56
26 05 13 00-0112	MLF	#2/0 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	6,236.33	1,131.23
26 05 13 00-0113	MLF	#3/0 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	7,774.38	1,255.63
26 05 13 00-0114	MLF	#4/0 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	8,753.14	1,410.83
26 05 13 00-0115	MLF	250 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	10,485.98	1,569.61
26 05 13 00-0116	MLF	350 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	12,183.47	1,874.08
26 05 13 00-0117	MLF	500 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	15,504.85	2,202.95
26 05 13 00-0118	MLF	750 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	21,943.41	1,883.50
26 05 13 00-0119	MLF	1000 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	31,945.90	2,989.68
26 05 13 00-0120		Shielded, XLP Insulated, 5 KV, Single Copper Conductor *(26 05 13 00-0106)*		
		Note: Buried in trench, excludes excavation, 133 percent insulation.		
26 05 13 00-0121	MLF	#6 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	2,796.56	
26 05 13 00-0122	MLF	#4 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	3,228.28	
26 05 13 00-0123	MLF	#2 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	3,705.43	
26 05 13 00-0124	MLF	#1/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	4,678.64	
26 05 13 00-0125	MLF	#2/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	5,133.07	
26 05 13 00-0126	MLF	#3/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	6,514.97	
26 05 13 00-0127	MLF	#4/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	7,105.74	
26 05 13 00-0128	MLF	250 MCM Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	8,600.45	
26 05 13 00-0129	MLF	350 MCM Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	9,619.21	
26 05 13 00-0130	MLF	500 MCM Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	12,192.75	
26 05 13 00-0131		Shielded, XLP Insulated, 5 KV, Single Copper Conductor *(26 05 13 00-0106)*		
		Note: Installed on poles, aerially, 133 percent insulation.		
26 05 13 00-0132	MLF	#6 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	2,324.22	412.80
26 05 13 00-0133	MLF	#4 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	2,835.35	442.60
26 05 13 00-0134	MLF	#2 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	3,623.64	559.70
26 05 13 00-0135	MLF	#1/0 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	4,759.99	679.47
26 05 13 00-0136	MLF	#2/0 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	5,528.54	797.63
26 05 13 00-0137	MLF	#3/0 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	7,060.08	912.18
26 05 13 00-0138	MLF	#4/0 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	8,039.45	1,058.39
26 05 13 00-0139	MLF	250 MCM Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	10,101.55	1,331.51
26 05 13 00-0140	MLF	350 MCM Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	11,976.72	1,684.79
26 05 13 00-0141	MLF	500 MCM Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	15,624.45	2,116.77
26 05 13 00-0142		5 KV Non-Shielded Single Copper Conductor *(26 05 13 00-0106)*		
26 05 13 00-0143	MLF	1/0 5 KV Non-Shielded, Single Copper Conductor	6,359.46	1,317.14
26 05 13 00-0144	MLF	3/0 5 KV Non-Shielded, Single Copper Conductor	8,600.86	1,354.99
26 05 13 00-0145	MLF	4/0 5 KV Non-Shielded, Single Copper Conductor	8,982.24	1,384.94
26 05 13 00-0146	MLF	350 MCM 5 KV Non-Shielded, Single Copper Conductor	10,932.81	1,437.77
26 05 13 00-0147	MLF	500 MCM 5 KV Non-Shielded, Single Copper Conductor	16,033.52	1,506.80
26 05 13 00-0148	MLF	750 MCM 5 KV Non-Shielded, Single Copper Conductor	25,152.94	1,883.50
26 05 13 00-0149	MLF	1000 MCM 5 KV Non-Shielded, Single Copper Conductor	28,766.94	2,511.36
26 05 13 00-0150		Shielded, EPR Insulation 5 KV, Single Copper Conductor *(26 05 13 00-0106)*		
		Note: Conductor pulled in duct, 133 percent insulation.		
26 05 13 00-0151	MLF	#6 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	3,100.02	660.92
26 05 13 00-0152	MLF	#4 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	3,761.36	721.66
26 05 13 00-0153	MLF	#2 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	4,558.71	815.37
26 05 13 00-0154	MLF	#1 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	5,277.64	909.92
26 05 13 00-0155	MLF	#1/0 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	5,996.85	1,004.56
26 05 13 00-0156	MLF	#2/0 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	6,849.82	1,131.23
26 05 13 00-0157	MLF	#3/0 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	8,608.72	1,255.63
26 05 13 00-0158	MLF	#4/0 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	9,693.81	1,410.83
26 05 13 00-0159	MLF	250 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	11,667.14	1,569.61
26 05 13 00-0160	MLF	350 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	13,533.14	1,874.08
26 05 13 00-0161	MLF	500 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	17,304.40	2,202.95
26 05 13 00-0162	MLF	750 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	25,045.65	1,883.50
26 05 13 00-0163	MLF	1000 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	36,350.81	2,989.68
26 05 13 00-0164		Shielded, EPR Insulated, 5 KV, Single Copper Conductor *(26 05 13 00-0106)*		
		Note: Buried in trench, excludes excavation, 133 percent insulation.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 00-0165	MLF	#6 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	3,017.41	
26 05 13 00-0166	MLF	#4 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	3,526.84	
26 05 13 00-0167	MLF	#2 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	4,089.89	
26 05 13 00-0168	MLF	#1 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	4,650.46	
26 05 13 00-0169	MLF	#1/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	5,210.32	
26 05 13 00-0170	MLF	#2/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	5,746.56	
26 05 13 00-0171	MLF	#3/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	7,349.31	
26 05 13 00-0172	MLF	#4/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	8,046.41	
26 05 13 00-0173	MLF	250 MCM Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	9,781.61	
26 05 13 00-0174	MLF	350 MCM Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	10,968.88	
26 05 13 00-0175	MLF	500 MCM Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	13,992.31	
26 05 13 00-0176		**Shielded, EPR Insulated, 5 KV, Single Copper Conductor** *(26 05 13 00-0106)*		
		Note: Installed on poles, aerially, 133 percent insulation.		
26 05 13 00-0177	MLF	#6 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	2,545.08	412.80
26 05 13 00-0178	MLF	#4 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	3,133.91	442.60
26 05 13 00-0179	MLF	#2 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	4,008.09	559.70
26 05 13 00-0180	MLF	#1 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	4,648.76	619.14
26 05 13 00-0181	MLF	#1/0 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	5,291.68	679.47
26 05 13 00-0182	MLF	#2/0 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	6,142.03	797.63
26 05 13 00-0183	MLF	#3/0 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	7,894.42	912.18
26 05 13 00-0184	MLF	#4/0 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	8,980.12	1,058.39
26 05 13 00-0185	MLF	250 MCM Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	11,282.71	1,331.51
26 05 13 00-0186	MLF	350 MCM Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	13,326.39	1,684.79
26 05 13 00-0187	MLF	500 MCM Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	17,424.00	2,116.77
26 05 13 00-0188		**Greater Than 5 KV Cable** *(26 05 13 00-0001)*		
26 05 13 00-0189		**XLP, 15 KV, Shielded, Single Conductor, 133% Insulation Cable** *(26 05 13 00-0188)*		
26 05 13 00-0190		**Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable** *(26 05 13 00-0189)*		
26 05 13 00-0191	MLF	#4 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,022.67	1,317.14
26 05 13 00-0192	MLF	#2 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,578.00	1,317.14
26 05 13 00-0193	MLF	#1 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,789.82	1,317.14
26 05 13 00-0194	MLF	#1/0 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	7,479.87	1,317.14
26 05 13 00-0195	MLF	#2/0 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	8,134.82	1,317.14
26 05 13 00-0196	MLF	#3/0 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	9,378.42	1,374.86
26 05 13 00-0197	MLF	#4/0 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	9,635.73	1,374.86
26 05 13 00-0198	MLF	250 MCM, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	11,196.63	1,437.77
26 05 13 00-0199	MLF	350 MCM, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	12,789.61	1,471.49
26 05 13 00-0200	MLF	500 MCM, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	15,486.03	1,506.80
26 05 13 00-0201		**Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable** *(26 05 13 00-0189)*		
		Note: Buried in trench, excludes excavation.		
26 05 13 00-0202	MLF	#1 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	5,373.00	
26 05 13 00-0203	MLF	#1/0 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,063.04	
26 05 13 00-0204	MLF	#2/0 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,717.99	
26 05 13 00-0205	MLF	#3/0 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	7,979.80	
26 05 13 00-0206	MLF	#4/0 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	8,237.10	
26 05 13 00-0207	MLF	250 MCM, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	9,875.69	
26 05 13 00-0208	MLF	350 MCM, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	11,471.17	
26 05 13 00-0209	MLF	500 MCM Cable, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation	14,152.50	
26 05 13 00-0210		**Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable** *(26 05 13 00-0189)*		
		Note: Installed on poles.		
26 05 13 00-0211	MLF	#1 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	5,064.50	589.69
26 05 13 00-0212	MLF	#1/0 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	5,993.21	679.47
26 05 13 00-0213	MLF	#2/0 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,962.28	797.63
26 05 13 00-0214	MLF	#3/0 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	8,366.24	912.18
26 05 13 00-0215	MLF	#4/0 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	9,012.14	1,058.39
26 05 13 00-0216	MLF	250 MCM, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	10,877.53	1,232.10
26 05 13 00-0217	MLF	350 MCM, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	12,927.42	1,435.71
26 05 13 00-0218	MLF	500 MCM, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	16,152.36	1,667.71
26 05 13 00-0219		**Shielded, EPR Insulated** *(26 05 13 00-0188)*		
26 05 13 00-0220		**Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable** *(26 05 13 00-0219)*		
26 05 13 00-0221	MLF	#4 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,514.05	1,317.14
26 05 13 00-0222	MLF	#2 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	7,169.33	1,317.14
26 05 13 00-0223	MLF	#1 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	7,419.28	1,317.14
26 05 13 00-0224	MLF	#1/0 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	8,233.54	1,317.14
26 05 13 00-0225	MLF	#2/0 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	9,006.38	1,317.14
26 05 13 00-0226	MLF	#3/0 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	10,447.87	1,374.86
26 05 13 00-0227	MLF	#4/0 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	10,751.49	1,374.86
26 05 13 00-0228	MLF	250 MCM, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	12,565.02	1,437.77
26 05 13 00-0229	MLF	350 MCM, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	14,429.57	1,471.49

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 00-0230	MLF	500 MCM, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	17,595.45	1,506.80
26 05 13 00-0231		**Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable** *(26 05 13 00-0219)*		
		Note: Buried in trench, excludes excavation.		
26 05 13 00-0232	MLF	#1 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,002.46	
26 05 13 00-0233	MLF	#1/0 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,816.70	
26 05 13 00-0234	MLF	#2/0 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	7,589.55	
26 05 13 00-0235	MLF	#3/0 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	9,049.25	
26 05 13 00-0236	MLF	#4/0 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	9,352.86	
26 05 13 00-0237	MLF	250 MCM, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	11,240.09	
26 05 13 00-0238	MLF	350 MCM, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	13,105.23	
26 05 13 00-0239	MLF	500 MCM, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	16,261.92	
26 05 13 00-0240		**Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable** *(26 05 13 00-0219)*		
		Note: Installed on poles.		
26 05 13 00-0241	MLF	#1 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	5,693.96	589.69
26 05 13 00-0242	MLF	#1/0 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,746.87	679.47
26 05 13 00-0243	MLF	#2/0 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	7,833.84	797.63
26 05 13 00-0244	MLF	#3/0 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	9,435.69	912.18
26 05 13 00-0245	MLF	#4/0 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	10,127.90	1,058.39
26 05 13 00-0246	MLF	250 MCM, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	12,245.92	1,232.10
26 05 13 00-0247	MLF	350 MCM, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	14,567.38	1,435.71
26 05 13 00-0248	MLF	500 MCM, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	18,261.78	1,667.71
26 05 13 00-0249		**15 KV Non-Shielded Single Copper Conductor** *(26 05 13 00-0188)*		
26 05 13 00-0250	MLF	1/0 15 KV Non-Shielded, Single Copper Conductor	8,986.99	1,321.74
26 05 13 00-0251	MLF	3/0 15 KV Non-Shielded, Single Copper Conductor	11,880.98	1,384.94
26 05 13 00-0252	MLF	350 MCM 15 KV Non-Shielded, Single Copper Conductor	16,588.44	1,477.23
26 05 13 00-0253		**Shielded Armored Copper, 15 KV, 3 Conductor** *(26 05 13 00-0188)*		
		Note: Laid in cable tray or hung in vertical cable shaft.		
26 05 13 00-0254		**Galvanized Steel Interlocked Armor Cable** *(26 05 13 00-0253)*		
26 05 13 00-0255	LF	#2 AWG TC 3 Conductor 15 KV Galvanized Armored Shielded, Laid In Cable Tray Or Hung Vertically	40.40	10.08
26 05 13 00-0256	LF	#1/0 AWG TC 3 Conductor 15 KV Galvanized Armored Shielded, Laid In Cable Tray Or Hung Vertically	49.04	10.74
26 05 13 00-0257		**Aluminum Interlocked Armor Cable** *(26 05 13 00-0253)*		
26 05 13 00-0258	LF	#2 AWG TC 3 Conductor 15 KV Aluminum Armored Shielded, Laid In Cable Tray Or Hung Vertically	40.40	10.08
26 05 13 00-0259	LF	#1/0 AWG TC 3 Conductor 15 KV Aluminum Armored Shielded, Laid In Cable Tray Or Hung Vertically	49.04	10.74
26 05 13 00-0260		**Type URD, 15 KV Primary Concentric UD Cable** *(26 05 13 00-0188)*		
		Note: 0.175" XLPE insulation, copper conductor.		
26 05 13 00-0261	MLF	#4 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	2,976.23	660.92
26 05 13 00-0262	MLF	#2 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	3,594.02	721.66
26 05 13 00-0263	MLF	#1 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	4,343.22	815.37
26 05 13 00-0264	MLF	#1/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	5,692.15	1,001.84
26 05 13 00-0265	MLF	#2/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	6,497.48	1,127.84
26 05 13 00-0266	MLF	#3/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	8,141.07	1,255.63
26 05 13 00-0267	MLF	#4/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	9,153.40	1,405.57
26 05 13 00-0268		**15 KV URD Cable Copper Direct Burial** *(26 05 13 00-0188)*		
26 05 13 00-0269	MLF	15 KV 3/C URD Cable Copper Direct Burial #6	15,954.49	
26 05 13 00-0270		**Greater Than 25 KV Shielded Single Conductor Copper** *(26 05 13 00-0188)*		
26 05 13 00-0271		**35 KV Shielded SingleCopper Conductor** *(26 05 13 00-0270)*		
26 05 13 00-0272	MLF	3/0 35 KV Shielded, Single Copper Conductor	15,997.24	2,172.40
26 05 13 00-0273		**70 KV Shielded Single Copper Conductor** *(26 05 13 00-0270)*		
26 05 13 00-0274	MLF	350 MCM 70 KV Shielded, Single Copper Conductor	55,502.29	2,476.59

26 05 19 Low-Voltage Electrical Power Conductors And Cables *(26 05)*

26 05 19 13 Undercarpet Electrical Power Cables *(26 05 19)*

26 05 19 13-0001		**Under Carpet Power System** *(26 05 19 13)*		
		Note: Includes laying out, floor prep, taping, testing, drill floor, folds.		
26 05 19 13-0002	LF	Cable Flat 3 Conductor #12 With Attached Bottom Shield	3.10	0.38
26 05 19 13-0003	LF	Top Shield, Steel	6.49	0.38
26 05 19 13-0004	EA	Splice, 3-Conductor	20.39	6.41
26 05 19 13-0005	EA	Splice Top Shield For 3 Conductor	6.65	3.02
26 05 19 13-0006	EA	Tap 3-Conductor	25.13	7.54

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 13-0007	EA	Insulating Patch, Splice Tap And End	35.67	6.41
26 05 19 13-0008	EA	Transition Block Assembly 3-conductor	23.01	3.77
26 05 19 13-0009	EA	Receptacles, Direct Connected Single, With Box	69.84	12.06
26 05 19 13-0010	EA	Receptacles, Direct Connected Dual, With Box	115.57	18.84
26 05 19 13-0011	EA	Box, Floor Mounted With Cover	112.74	15.08
26 05 19 13-0012	LF	5-Conductor #12 With Attached Bottom Shield	4.79	0.38
26 05 19 13-0013	LF	Shield, Top, Steel For 5 Conductor	4.75	0.38
26 05 19 13-0014	EA	Splice, 5 Conductor	20.60	6.41
26 05 19 13-0015	EA	Insulating Patch Splice Tap And End	29.64	3.77
26 05 19 13-0016	EA	Transition Block Assembly 5 Conductor	29.64	3.77
26 05 19 13-0017	EA	Box, Wall, Flush With Cover	56.06	15.08
26 05 19 13-0018	EA	Telephone Transition Fitting Wall Box	38.59	12.43
26 05 19 13-0019	EA	Telephone Fitting With Duplex Jack And Cover RJ-45	49.44	14.32
26 05 19 13-0020	EA	Telephone Miniature With Duplex RJ-45	20.95	5.65
26 05 19 13-0021	LF	Telephone 4-Pair Level 5 Under Carpet Wire	1.24	0.38
26 05 19 13-0022	EA	BNC Coax Connector Plug	18.70	7.54
26 05 19 13-0023	EA	TNC Connector Coax Plug	18.70	7.54
26 05 19 13-0024	CLF	Flat RG A/U 59, 75 Ohm, RG A/U 62, 93 Ohm, RG A/U 58, 50 Ohm	97.02	37.69

26 05 19 16 Low-Voltage, Single-And Multi-Conductor Cables *(26 05 19)*

26 05 19 16-0001 Cable Installation Methods *(26 05 19 16)*

26 05 19 16-0002 Pull Cord *(26 05 19 16-0001)*

Note: Left in conduit for others to pull cable. Not to be used when contractor has priced new wire in a conduit. Priced when owner wants a pull cord left in a conduit for owner to pull wire at a later time.

26 05 19 16-0003	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In Existing Conduit	0.73	
26 05 19 16-0004	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In New Conduits	0.17	

26 05 19 16-0005 Bore Conduit Into Dirt Or Sand *(26 05 19 16-0001)*

Note: For installation under roads, driveways or other structures up to 20'.

26 05 19 16-0006	LF	Bore 1" To 4" Conduit Into Dirt Or Sand	2.24	
26 05 19 16-0007	LF	Bore 5" To 8" Conduit Into Dirt Or Sand	2.85	
26 05 19 16-0008	EA	Boring Minimum Set-Up Charge	313.49	

Note: For projects where the total boring charge is less than the minimum set-up charge. Use this item exclusively. This item should not be used in conjunction with any other items in this section.

26 05 19 16-0009 Wire and Cable *(26 05 19 16)*

Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.

26 05 19 16-0010 Multi-Conductor Cords, Cables And Associated Equipment *(26 05 19 16-0009)*

26 05 19 16-0011 Multi-Conductor Cords *(26 05 19 16-0010)*

Note: Includes installation in cable tray, surface mounting or installation between junction boxes. Excludes strain relief devices, plugs and connector bodies.

26 05 19 16-0012 Multi-Conductor Type SOOW And SJOOW Cord *(26 05 19 16-0011)*

Note: Includes EPDM rubber insulation.

26 05 19 16-0013 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0012)*

26 05 19 16-0014 #18, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0013)*

26 05 19 16-0015	LF	2/c #18, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	0.89	0.33
26 05 19 16-0016	LF	3/c #18, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	0.94	0.33
26 05 19 16-0017	LF	4/c #18, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.07	0.33

26 05 19 16-0018 #16, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0013)*

26 05 19 16-0019	LF	2/c #16, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.04	0.33
26 05 19 16-0020	LF	3/c #16, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.12	0.33
26 05 19 16-0021	LF	4/c #16, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.24	0.33

26 05 19 16-0022 #14, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0013)*

26 05 19 16-0023	LF	2/c #14, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.19	0.33
26 05 19 16-0024	LF	3/c #14, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.32	0.33
26 05 19 16-0025	LF	4/c #14, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.57	0.33

26 05 19 16-0026 #12, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0013)*

26 05 19 16-0027	LF	2/c #12, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.40	0.33
26 05 19 16-0028	LF	3/c #12, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.56	0.33
26 05 19 16-0029	LF	4/c #12, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.78	0.33

26 05 19 16-0030 #10, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0013)*

26 05 19 16-0031	LF	2/c #10, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.86	0.41
26 05 19 16-0032	LF	3/c #10, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.97	0.41
26 05 19 16-0033	LF	4/c #10, 300 V, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.13	0.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0034		600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0012)*		
26 05 19 16-0035		#18, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0034)*		
26 05 19 16-0036	LF	2/c #18, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	0.94	0.33
26 05 19 16-0037	LF	3/c #18, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.03	0.33
26 05 19 16-0038	LF	4/c #18, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.15	0.33
26 05 19 16-0039	LF	5/c #18, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.07	0.44
26 05 19 16-0040	LF	6/c #18, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.28	0.46
26 05 19 16-0041	LF	7/c #18, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.43	0.47
26 05 19 16-0042	LF	8/c #18, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.68	0.48
26 05 19 16-0043	LF	10/c #18, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.11	0.51
26 05 19 16-0044	LF	12/c #18, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.57	0.52
26 05 19 16-0045	LF	14/c #18, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.78	0.53
26 05 19 16-0046	LF	16/c #18, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.87	0.54
26 05 19 16-0047	LF	18/c #18, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.01	0.56
26 05 19 16-0048	LF	20/c #18, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.60	0.57
26 05 19 16-0049	LF	24/c #18, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.12	0.58
26 05 19 16-0050	LF	30/c #18, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.42	0.62
26 05 19 16-0051		#16, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0034)*		
26 05 19 16-0052	LF	2/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.12	0.33
26 05 19 16-0053	LF	3/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.20	0.33
26 05 19 16-0054	LF	4/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.36	0.33
26 05 19 16-0055	LF	5/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.18	0.44
26 05 19 16-0056	LF	6/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.42	0.46
26 05 19 16-0057	LF	7/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.65	0.47
26 05 19 16-0058	LF	8/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.96	0.48
26 05 19 16-0059	LF	9/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.08	0.49
26 05 19 16-0060	LF	10/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.44	0.51
26 05 19 16-0061	LF	12/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.05	0.52
26 05 19 16-0062	LF	14/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.36	0.53
26 05 19 16-0063	LF	16/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.95	0.54
26 05 19 16-0064	LF	18/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.76	0.56
26 05 19 16-0065	LF	20/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.49	0.57
26 05 19 16-0066	LF	24/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.89	0.58
26 05 19 16-0067	LF	26/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.70	0.59
26 05 19 16-0068	LF	30/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.17	0.62
26 05 19 16-0069		#14, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0034)*		
26 05 19 16-0070	LF	2/c #14, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.34	0.33
26 05 19 16-0071	LF	3/c #14, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.43	0.33
26 05 19 16-0072	LF	4/c #14, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.66	0.33
26 05 19 16-0073	LF	5/c #14, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.89	0.44
26 05 19 16-0074	LF	6/c #14, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.50	0.46
26 05 19 16-0075	LF	7/c #14, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.70	0.47
26 05 19 16-0076	LF	8/c #14, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.19	0.48
26 05 19 16-0077	LF	9/c #14, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.52	0.49
26 05 19 16-0078	LF	10/c #14, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.06	0.51
26 05 19 16-0079	LF	12/c #14, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.59	0.52
26 05 19 16-0080	LF	14/c #14, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.19	0.53
26 05 19 16-0081	LF	16/c #14, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.49	0.54
26 05 19 16-0082	LF	20/c #14, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.43	0.57
26 05 19 16-0083	LF	24/c #14, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.98	0.58
26 05 19 16-0084	LF	30/c #14, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	11.84	0.62
26 05 19 16-0085		#12, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0034)*		
26 05 19 16-0086	LF	2/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.57	0.33
26 05 19 16-0087	LF	3/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.74	0.33
26 05 19 16-0088	LF	4/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.91	0.33
26 05 19 16-0089	LF	5/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.34	0.44
26 05 19 16-0090	LF	6/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.90	0.46
26 05 19 16-0091	LF	7/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.47	0.47
26 05 19 16-0092	LF	8/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.10	0.48
26 05 19 16-0093	LF	9/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.54	0.49
26 05 19 16-0094	LF	10/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.30	0.51
26 05 19 16-0095	LF	12/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.20	0.52
26 05 19 16-0096	LF	14/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.03	0.53
26 05 19 16-0097	LF	16/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.87	0.54
26 05 19 16-0098	LF	18/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.27	0.56
26 05 19 16-0099	LF	20/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.72	0.57
26 05 19 16-0100	LF	24/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	12.21	0.58
26 05 19 16-0101	LF	26/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	13.71	0.59
26 05 19 16-0102	LF	28/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	14.18	0.60
26 05 19 16-0103	LF	30/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	14.70	0.62
26 05 19 16-0104		#10, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0034)*		
26 05 19 16-0105	LF	2/c #10, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.82	0.41
26 05 19 16-0106	LF	3/c #10, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.96	0.41

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0107	LF	4/c #10, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.12	0.41
26 05 19 16-0108	LF	5/c #10, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.86	0.44
26 05 19 16-0109	LF	6/c #10, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.82	0.46
26 05 19 16-0110	LF	7/c #10, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.70	0.47
26 05 19 16-0111	LF	10/c #10, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.39	0.51
26 05 19 16-0112	LF	12/c #10, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.50	0.52
26 05 19 16-0113	LF	16/c #10, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.90	0.54
26 05 19 16-0114	LF	20/c #10, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	15.97	0.57
26 05 19 16-0115		#8, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0034)*		
26 05 19 16-0116	LF	3/c #8, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	3.75	0.49
26 05 19 16-0117	LF	4/c #8, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	4.11	0.58
26 05 19 16-0118	LF	5/c #8, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	5.69	0.58
26 05 19 16-0119		#6, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0034)*		
26 05 19 16-0120	LF	3/c #6, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	5.49	0.58
26 05 19 16-0121	LF	4/c #6, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	6.63	0.66
26 05 19 16-0122	LF	5/c #6, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	7.97	0.82
26 05 19 16-0123		#4, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0034)*		
26 05 19 16-0124	LF	3/c #4, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	8.82	0.82
26 05 19 16-0125	LF	4/c #4, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	9.69	0.90
26 05 19 16-0126	LF	5/c #4, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	11.75	0.99
26 05 19 16-0127		#2, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0034)*		
26 05 19 16-0128	LF	3/c #2, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	13.02	1.65
26 05 19 16-0129	LF	4/c #2, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	16.59	2.06
26 05 19 16-0130	LF	5/c #2, 600 V, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	19.94	2.72
26 05 19 16-0131		300 V, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0012)*		
26 05 19 16-0132		#18, 300 V, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0131)*		
26 05 19 16-0133	LF	2/c #18, 300 V, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.24	0.33
26 05 19 16-0134	LF	3/c #18, 300 V, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.38	0.33
26 05 19 16-0135	LF	4/c #18, 300 V, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.66	0.33
26 05 19 16-0136		#16, 300 V, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0131)*		
26 05 19 16-0137	LF	2/c #16, 300 V, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.33	0.33
26 05 19 16-0138	LF	3/c #16, 300 V, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.56	0.33
26 05 19 16-0139	LF	4/c #16, 300 V, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.66	0.33
26 05 19 16-0140		#14, 300 V, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0131)*		
26 05 19 16-0141	LF	2/c #14, 300 V, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.90	0.33
26 05 19 16-0142	LF	3/c #14, 300 V, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	2.83	0.33
26 05 19 16-0143	LF	4/c #14, 300 V, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	3.65	0.41
26 05 19 16-0144		600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0012)*		
26 05 19 16-0145		#18, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0144)*		
26 05 19 16-0146	LF	2/c #18, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	1.83	0.33
26 05 19 16-0147	LF	3/c #18, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.22	0.33
26 05 19 16-0148	LF	4/c #18, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.63	0.33
26 05 19 16-0149		#16, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0144)*		
26 05 19 16-0150	LF	2/c #16, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	1.97	0.33
26 05 19 16-0151	LF	3/c #16, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.36	0.33
26 05 19 16-0152	LF	4/c #16, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.00	0.33
26 05 19 16-0153	LF	5/c #16, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.24	0.41
26 05 19 16-0154		#14, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0144)*		
26 05 19 16-0155	LF	3/c #14, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.46	0.33
26 05 19 16-0156	LF	4/c #14, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.97	0.33
26 05 19 16-0157	LF	5/c #14, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.33	0.41
26 05 19 16-0158		#12, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0144)*		
26 05 19 16-0159	LF	3/c #12, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.94	0.33
26 05 19 16-0160	LF	4/c #12, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.40	0.33
26 05 19 16-0161	LF	5/c #12, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.79	0.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0162		#10, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0144)*		
26 05 19 16-0163	LF	3/c #10, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.38	0.41
26 05 19 16-0164	LF	4/c #10, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.78	0.41
26 05 19 16-0165	LF	5/c #10, 600 V, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.17	0.41
26 05 19 16-0166		Multi-Conductor Type SEOW Cord *(26 05 19 16-0011)* Note: Includes thermoplastic elastomeric (TPE) insulation.		
26 05 19 16-0167		600 V, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0166)*		
26 05 19 16-0168		#16, 600 V, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0167)*		
26 05 19 16-0169	LF	3/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	1.35	0.33
26 05 19 16-0170	LF	4/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	1.50	0.33
26 05 19 16-0171	LF	5/c #16, 600 V, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.35	0.41
26 05 19 16-0172		#14, 600 V, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0167)*		
26 05 19 16-0173	LF	3/c #14, 600 V, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	1.82	0.33
26 05 19 16-0174	LF	4/c #14, 600 V, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.12	0.33
26 05 19 16-0175	LF	5/c #14, 600 V, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.09	0.41
26 05 19 16-0176		#12, 600 V, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0167)*		
26 05 19 16-0177	LF	3/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.31	0.33
26 05 19 16-0178	LF	4/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.69	0.33
26 05 19 16-0179	LF	5/c #12, 600 V, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.41	0.41
26 05 19 16-0180		#10, 600 V, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0167)*		
26 05 19 16-0181	LF	3/c #10, 600 V, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.95	0.41
26 05 19 16-0182	LF	4/c #10, 600 V, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.41	0.41
26 05 19 16-0183	LF	5/c #10, 600 V, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.65	0.41
26 05 19 16-0184		Multi-Conductor Type W Cord *(26 05 19 16-0011)* Note: Includes EPDM rubber insulation.		
26 05 19 16-0185		2000 V, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0184)*		
26 05 19 16-0186		#8, 2000 V, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0185)*		
26 05 19 16-0187	LF	3/c #8, 2000 V, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	4.15	0.49
26 05 19 16-0188	LF	4/c #8, 2000 V, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	4.47	0.58
26 05 19 16-0189	LF	5/c #8, 2000 V, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	5.32	0.58
26 05 19 16-0190		#6, 2000 V, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0185)*		
26 05 19 16-0191	LF	3/c #6, 2000 V, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	4.45	0.58
26 05 19 16-0192	LF	4/c #6, 2000 V, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	5.30	0.66
26 05 19 16-0193	LF	5/c #6, 2000 V, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	6.61	0.82
26 05 19 16-0194		#4, 2000 V, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0185)*		
26 05 19 16-0195	LF	3/c #4, 2000 V, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	6.16	0.58
26 05 19 16-0196	LF	4/c #4, 2000 V, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	7.27	0.66
26 05 19 16-0197	LF	5/c #4, 2000 V, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	9.38	0.82
26 05 19 16-0198		Cord Grips, Cable Reels, Extension Cords, And Accessories *(26 05 19 16-0010)*		
26 05 19 16-0199		Cord Grips *(26 05 19 16-0198)*		
26 05 19 16-0200	EA	Cord Grip With Watertight Connector For 1/2" NPT Zinc Plated Steel	51.72	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.99*	
26 05 19 16-0201	EA	Cord Grip With Watertight Connector For 3/4" NPT Zinc Plated Steel	51.92	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.99*	
26 05 19 16-0202		Cable Reels *(26 05 19 16-0198)* Note: Includes handling, mounting, electrical connections and installing cord.		
26 05 19 16-0203	EA	Extension Cord Reel (Yellow SJO) Up To 25 Feet, 16-3	242.19	41.22
26 05 19 16-0204	EA	Heavy Duty Power Cable Reel, With 55' 5/c #10 SJO, With Anchor	580.59	164.89
26 05 19 16-0205	EA	Control Cable Reel For 60' Of 16/c #16 SO Cord	1,095.28	247.59
26 05 19 16-0206		Extension Cords *(26 05 19 16-0198)*		
26 05 19 16-0207	EA	Extension Cord, 120 V 12/3, 100 Ft	83.18	
26 05 19 16-0208	EA	Extension Cord, 240 V 10/3, 100 Ft	125.17	
26 05 19 16-0209		Plugs And Connector Bodies *(26 05 19 16-0198)* Note: Up to 277 volts.		
26 05 19 16-0210		NEMA Twist-Lock Plugs *(26 05 19 16-0209)*		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0211		EA	15 Amp, 2 Pole 2 Wire, NEMA Twist-Lock Plug	57.82	
26 05 19 16-0212		EA	15 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Plug	59.10	
26 05 19 16-0213		EA	20 Amp, 2 Pole 2 Wire, NEMA Twist-Lock Plug	53.72	
26 05 19 16-0214		EA	20 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Plug	57.66	
26 05 19 16-0215		EA	20 Amp, 3 Pole 4 Wire, NEMA Twist-Lock Plug	76.13	
26 05 19 16-0216		EA	20 Amp, 4 Pole 4 Wire, NEMA Twist-Lock Plug	81.13	
26 05 19 16-0217		EA	20 Amp, 4 Pole 5 Wire, NEMA Twist-Lock Plug	86.02	
26 05 19 16-0218		EA	30 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Plug	76.87	
26 05 19 16-0219		EA	30 Amp, 3 Pole 4 Wire, NEMA Twist-Lock Plug	88.90	
26 05 19 16-0220		EA	30 Amp, 4 Pole 4 Wire, NEMA Twist-Lock Plug	91.24	
26 05 19 16-0221		EA	30 Amp, 4 Pole 5 Wire, NEMA Twist-Lock Plug	94.22	

26 05 19 16-0222 NEMA Twist-Lock Connector Bodies *(26 05 19 16-0209)*

26 05 19 16-0223		EA	15 Amp, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body	61.44	
26 05 19 16-0224		EA	15 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body	65.96	
26 05 19 16-0225		EA	20 Amp, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body	56.44	
26 05 19 16-0226		EA	20 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body	76.87	
26 05 19 16-0227		EA	20 Amp, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body	90.07	
26 05 19 16-0228		EA	20 Amp, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body	96.45	
26 05 19 16-0229		EA	20 Amp, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body	117.95	
26 05 19 16-0230		EA	30 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body	112.52	
26 05 19 16-0231		EA	30 Amp, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body	139.45	
26 05 19 16-0232		EA	30 Amp, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body	146.58	
26 05 19 16-0233		EA	30 Amp, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body	138.81	

26 05 19 16-0234 Accessories *(26 05 19 16-0198)*

26 05 19 16-0235		EA	1/2" Straight Steel Cord Connector	34.86	8.25
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 19 16-0236		EA	1/2" Straight Nylon Cord Connector	21.56	6.18
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 19 16-0237		EA	1/2" 90 Degree Steel Cord Connector	40.36	10.30
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 19 16-0238		EA	1/2" 90 Degree Nylon Cord Connector	26.36	8.25
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 19 16-0239		EA	1/2" Straight Steel Cord Connector With Strain Relief Mesh	39.90	10.30
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 19 16-0240		EA	1/2" 90 Degree Steel Cord Connector With Strain Relief Mesh	66.21	12.37
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 05 19 16-0241		EA	1/2" Straight Nylon Cord Connector With Strain Relief Mesh	26.01	8.25
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 19 16-0242		EA	1/2" 90 Degree Nylon Cord Connector With Strain Relief Mesh	42.04	10.30
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 05 19 16-0243		EA	3/4" Straight Steel Cord Connector	36.16	8.25
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 19 16-0244		EA	3/4" Straight Nylon Cord Connector	22.20	6.18
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 19 16-0245		EA	3/4" 90 Degree Steel Cord Connector	44.40	10.30
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 19 16-0246		EA	3/4" 90 Degree Nylon Cord Connector	28.38	8.25
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 19 16-0247		EA	3/4" Straight Steel Cord Connector With Strain Relief Mesh	45.39	12.37
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 05 19 16-0248		EA	3/4" 90 Degree Steel Cord Connector With Strain Relief Mesh	53.83	14.43
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	
26 05 19 16-0249		EA	3/4" Straight Nylon Cord Connector With Strain Relief Mesh	31.50	10.30
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 05 19 16-0250		EA	3/4" 90 Degree Nylon Cord Connector With Strain Relief Mesh	38.00	12.37
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 05 19 16-0251		EA	1" Straight Steel Cord Connector	44.45	8.25
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 19 16-0252		EA	1" Straight Nylon Cord Connector	26.35	6.18
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 19 16-0253		EA	1" 90 Degree Steel Cord Connector	49.88	10.30
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 19 16-0254		EA	1" 90 Degree Nylon Cord Connector	31.12	8.25
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 19 16-0255		EA	1" Straight Steel Cord Connector With Strain Relief Mesh	54.10	12.37
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 05 19 16-0256		EA	1" 90 Degree Steel Cord Connector With Strain Relief Mesh	59.58	14.43
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	
26 05 19 16-0257		EA	1" Straight Nylon Cord Connector With Strain Relief Mesh	35.92	10.30
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 05 19 16-0258		EA	1" 90 Degree Nylon Cord Connector With Strain Relief Mesh	41.74	12.37
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	

26 05 19 16-0259 ACSR (Aluminum Conductor Steel Reinforced) *(26 05 19 16-0009)*

Note: Concentric lay stranded Class A galvanizing installed on poles, aerially.

26 05 19 16-0260 ACSR Cable *(26 05 19 16-0259)*

26 05 19 16-0261		MLF	#4 AWG ACSR Cable Swan 6/1 Installed On Poles, Aluminum Cable	1,543.33	382.81
26 05 19 16-0262		MLF	#4 AWG ACSR Cable Swanate 7/1 Installed On Poles, Aluminum Cable	1,688.64	397.49
26 05 19 16-0263		MLF	#2 AWG ACSR Cable Sparrow 6/1 Installed On Poles, Aluminum Cable	1,913.46	412.80
26 05 19 16-0264		MLF	#2 AWG ACSR Cable Sparate 7/1 Installed On Poles, Aluminum Cable	2,058.57	427.74
26 05 19 16-0265		MLF	#1/0 AWG ACSR Cable Raven 6/1 Installed On Poles, Aluminum Cable	2,476.28	442.24

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0266	MLF	#2/0 AWG ACSR Cable Quail 6/1 Installed On Poles, Aluminum Cable	2,959.84	501.33
26 05 19 16-0267	MLF	#3/0 AWG ACSR Cable Pigeon 6/1 Installed On Poles, Aluminum Cable	3,534.53	559.09
26 05 19 16-0268	MLF	#4/0 AWG ACSR Cable Penguin 6/1 Installed On Poles, Aluminum Cable	4,200.97	617.64
26 05 19 16-0269	MLF	#1 Bare Aluminum Wire	2,358.47	520.37
26 05 19 16-0270	MLF	336 AWG ACSR Cable Merlin 18/1 Installed On Pole, Aluminum Cable	4,545.13	793.74
26 05 19 16-0271	MLF	477 AWG ACSR Cable Hawk 26/1 Installed On Pole, Aluminum Cable	5,129.27	910.49
26 05 19 16-0272		All Aluminum Conductors *(26 05 19 16-0259)*		
26 05 19 16-0273	MLF	795.0 ACSR Conductor Aluminum	31,881.88	7,534.00
26 05 19 16-0274		600 Volt Wire *(26 05 19 16-0009)*		
26 05 19 16-0275		Single Solid Conductor, Copper *(26 05 19 16-0274)*		
26 05 19 16-0276	MLF	#14 AWG Cable - Type THHN-THWN, 600 V Copper, Single Solid, Placed In Conduit	449.32	182.93
26 05 19 16-0277	MLF	#12 AWG Cable - Type THHN-THWN, 600 V Copper, Single Solid, Placed In Conduit	561.06	215.19
26 05 19 16-0278	MLF	#10 AWG Cable - Type THHN-THWN, 600 V Copper, Single Solid, Placed In Conduit	691.92	263.13
26 05 19 16-0279	MLF	#14 AWG Cable - Type XHHW, 600 V Copper, Single Solid, Placed In Conduit	637.22	182.93
26 05 19 16-0280	MLF	#12 AWG Cable - Type XHHW, 600 V Copper, Single Solid, Placed In Conduit	777.95	215.19
26 05 19 16-0281	MLF	#10 AWG Cable - Type XHHW, 600 V Copper, Single Solid, Placed In Conduit	945.56	263.13
26 05 19 16-0282		Power Cable, Stranded Conductor, Copper *(26 05 19 16-0274)*		
26 05 19 16-0283		Power Cable, Stranded, Single Conductor, XHHW *(26 05 19 16-0282)*		
26 05 19 16-0284	MLF	#16 AWG Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	490.05	150.75
26 05 19 16-0285	MLF	#14 AWG Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	577.39	180.90
26 05 19 16-0286	MLF	#12 AWG Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	715.25	211.05
26 05 19 16-0287	MLF	#10 AWG Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	887.20	241.19
26 05 19 16-0288	MLF	#8 AWG Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	1,190.28	301.49
26 05 19 16-0289	MLF	#6 AWG Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	1,626.25	361.78
26 05 19 16-0290	MLF	#4 AWG Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	2,243.62	452.24
26 05 19 16-0291	MLF	#3 AWG Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	2,663.61	512.53
26 05 19 16-0292	MLF	#2 AWG Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	3,167.55	572.83
26 05 19 16-0293	MLF	#1 AWG Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	3,957.62	633.14
26 05 19 16-0294	MLF	1/0 AWG Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	4,762.73	723.58
26 05 19 16-0295	MLF	2/0 AWG Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	5,726.51	814.02
26 05 19 16-0296	MLF	3/0 AWG Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	6,882.46	904.48
26 05 19 16-0297	MLF	4/0 AWG Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	8,283.27	994.92
26 05 19 16-0298	MLF	250 MCM Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	8,765.86	1,085.36
26 05 19 16-0299	MLF	300 MCM Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	10,438.71	1,175.82
26 05 19 16-0300	MLF	350 MCM Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	11,130.93	1,266.26
26 05 19 16-0301	MLF	400 MCM Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	12,474.66	1,356.71
26 05 19 16-0302	MLF	500 MCM Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	14,494.76	1,447.16
26 05 19 16-0303	MLF	600 MCM Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	16,732.57	1,567.75
26 05 19 16-0304	MLF	750 MCM Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	25,689.69	1,748.65
26 05 19 16-0305	MLF	1000 MCM Cable - XLP (XHHW), 600 V Copper, Single Stranded, Placed In Conduit	36,402.69	2,050.14
26 05 19 16-0306		Power Cable, Stranded, Multi Conductor, XHHW *(26 05 19 16-0282)*		
26 05 19 16-0307	MLF	2/c #14 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	1,154.79	361.71
26 05 19 16-0308	MLF	3/c #14 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	1,430.68	422.16
26 05 19 16-0309	MLF	4/c #14 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	1,782.03	512.53
26 05 19 16-0310	MLF	6/c #14 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	2,144.72	557.53
26 05 19 16-0311	MLF	7/c #14 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	2,310.20	587.83
26 05 19 16-0312	MLF	9/c #14 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	2,746.46	648.05
26 05 19 16-0313	MLF	10/c #14 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	1,813.79	675.49
26 05 19 16-0314	MLF	12/c #14 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	3,348.50	738.66
26 05 19 16-0315	MLF	14/c #14 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	3,712.17	784.03
26 05 19 16-0316	MLF	24/c #14 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	5,491.18	995.00
26 05 19 16-0317	MLF	37/c #14 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	8,324.00	1,477.31
26 05 19 16-0318	MLF	2/c #12 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	1,430.68	422.16
26 05 19 16-0319	MLF	3/c #12 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	1,844.33	512.53
26 05 19 16-0320	MLF	4/c #12 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	2,258.00	602.98
26 05 19 16-0321	MLF	2/c #10 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	1,924.58	542.46
26 05 19 16-0322	MLF	3/c #10 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	2,509.45	662.68
26 05 19 16-0323	MLF	4/c #10 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	3,247.70	844.32
26 05 19 16-0324	MLF	6/c #10 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	4,419.70	1,085.74
26 05 19 16-0325	MLF	9/c #10 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	6,025.32	1,386.93
26 05 19 16-0326	MLF	2/c #8 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	2,418.23	618.06
26 05 19 16-0327	MLF	3/c #8 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	3,118.58	723.58
26 05 19 16-0328	MLF	4/c #8 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	4,045.06	919.55
26 05 19 16-0329	MLF	2/c #6 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	3,177.19	693.43
26 05 19 16-0330	MLF	3/c #6 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	4,313.44	859.25
26 05 19 16-0331	MLF	4/c #6 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	5,536.44	1,059.74
26 05 19 16-0332	MLF	2/c #4 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	4,329.26	841.31
26 05 19 16-0333	MLF	3/c #4 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	5,744.81	962.29
26 05 19 16-0334	MLF	4/c #4 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	7,454.12	1,200.84
26 05 19 16-0335	MLF	2/c #2 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	6,032.85	1,024.77
26 05 19 16-0336	MLF	3/c #2 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	8,071.31	1,145.97
26 05 19 16-0337	MLF	4/c #2 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	10,710.53	1,507.45
26 05 19 16-0338	MLF	3/c #1 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	10,741.65	1,446.93
26 05 19 16-0339	MLF	4/c #1 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	14,019.60	1,808.19
26 05 19 16-0340	MLF	3/c #1/0 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	12,781.42	1,568.05

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0341		MLF	3/c #2/0 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	15,594.77	1,808.19
26 05 19 16-0342		MLF	3/c #3/0 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	19,137.65	2,109.53
26 05 19 16-0343		MLF	4/c #3/0 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	25,265.75	2,712.29
26 05 19 16-0344		MLF	3/c #4/0 AWG Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	23,422.89	2,413.97
26 05 19 16-0345		MLF	3/c 250 MCM Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	24,937.93	2,712.29
26 05 19 16-0346		MLF	3/c 350 MCM Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	31,433.07	3,014.91
26 05 19 16-0347		MLF	3/c 500 MCM Cable - XLP (XHHW), 600 V Copper, Stranded, Placed In Conduit	40,914.46	3,313.54

26 05 19 16-0348 Underground Feeder And Branch Circuit Suitable, Copper *(26 05 19 16-0274)*

Note: Direct bury.

26 05 19 16-0349		MLF	#10 AWG Cable - Type USE, 600 V Copper, Underground Feeder And Branch Circuits	986.86	
26 05 19 16-0350		MLF	#8 AWG Cable - Type USE, 600 V Copper, Underground Feeder And Branch Circuits	1,420.20	
26 05 19 16-0351		MLF	#6 AWG Cable - Type USE, 600 V Copper, Underground Feeder And Branch Circuits	1,903.33	
26 05 19 16-0352		MLF	#4 AWG Cable - Type USE, 600 V Copper, Underground Feeder And Branch Circuits	2,253.52	
26 05 19 16-0353		MLF	#2 AWG Cable - Type USE, 600 V Copper, Underground Feeder And Branch Circuits	3,114.62	
26 05 19 16-0354		MLF	#1 AWG Cable - Type USE, 600 V Copper, Underground Feeder And Branch Circuits	3,938.41	
26 05 19 16-0355		MLF	#1/0 AWG Cable - Type USE, 600 V Copper, Underground Feeder And Branch Circuits	4,509.65	
26 05 19 16-0356		MLF	#2/0 AWG Cable - Type USE, 600 V Copper, Underground Feeder And Branch Circuits	5,343.67	
26 05 19 16-0357		MLF	#3/0 AWG Cable - Type USE, 600 V Copper, Underground Feeder And Branch Circuits	6,367.89	
26 05 19 16-0358		MLF	#4/0 AWG Cable - Type USE, 600 V Copper, Underground Feeder And Branch Circuits	7,357.49	
26 05 19 16-0359		MLF	250 MCM Cable - Type USE, 600 V Copper, Underground Feeder And Branch Circuits	10,309.17	
26 05 19 16-0360		MLF	300 MCM Cable - Type USE, 600 V Copper, Underground Feeder And Branch Circuits	11,968.71	
26 05 19 16-0361		MLF	350 MCM Cable - Type USE, 600 V Copper, Underground Feeder And Branch Circuits	13,409.92	
26 05 19 16-0362		MLF	400 MCM Cable - Type USE, 600 V Copper, Underground Feeder And Branch Circuits	15,297.81	
26 05 19 16-0363		MLF	500 MCM Cable - Type USE, 600 V Copper, Underground Feeder And Branch Circuits	19,387.15	
26 05 19 16-0364		MLF	750 MCM Cable - Type USE, 600 V Copper, Underground Feeder And Branch Circuits	22,951.60	
26 05 19 16-0365		MLF	#14 AWG Cable - XLP (XHHW), 600 V Copper, Underground Feeder And Branch Circuit	692.37	
26 05 19 16-0366		MLF	#12 AWG Cable - XLP (XHHW), 600 V Copper, Underground Feeder And Branch Circuit	849.02	
26 05 19 16-0367		MLF	#10 AWG Cable - XLP (XHHW), 600 V Copper, Underground Feeder And Branch Circuit	1,053.89	
26 05 19 16-0368		MLF	#8 AWG Cable - XLP (XHHW), 600 V Copper, Underground Feeder And Branch Circuit	1,274.39	
26 05 19 16-0369		MLF	#6 AWG Cable - XLP (XHHW), 600 V Copper, Underground Feeder And Branch Circuit	1,723.47	
26 05 19 16-0370		MLF	#4 AWG Cable - XLP (XHHW), 600 V Copper, Underground Feeder And Branch Circuit	2,385.59	
26 05 19 16-0371		MLF	#2 AWG Cable - XLP (XHHW), 600 V Copper, Underground Feeder And Branch Circuit	3,372.68	
26 05 19 16-0372		MLF	#1 AWG Cable - XLP (XHHW), 600 V Copper, Underground Feeder And Branch Circuit	4,135.47	
26 05 19 16-0373		MLF	#1/0 AWG Cable - XLP (XHHW), 600 V Copper, Underground Feeder And Branch Circuit	4,658.75	
26 05 19 16-0374		MLF	#2/0 AWG Cable - XLP (XHHW), 600 V Copper, Underground Feeder And Branch Circuit	5,255.54	
26 05 19 16-0375		MLF	#3/0 AWG Cable - XLP (XHHW), 600 V Copper, Underground Feeder And Branch Circuit	6,241.99	
26 05 19 16-0376		MLF	#4/0 AWG Cable - XLP (XHHW), 600 V Copper, Underground Feeder And Branch Circuit	7,496.01	
26 05 19 16-0377		MLF	250 MCM Cable - XLP (XHHW), 600 V Copper, Underground Feeder And Branch Circuit	8,642.77	
26 05 19 16-0378		MLF	300 MCM Cable - XLP (XHHW), 600 V Copper, Underground Feeder And Branch Circuit	9,868.48	
26 05 19 16-0379		MLF	350 MCM Cable - XLP (XHHW), 600 V Copper, Underground Feeder And Branch Circuit	11,223.92	
26 05 19 16-0380		MLF	400 MCM Cable - XLP (XHHW), 600 V Copper, Underground Feeder And Branch Circuit	12,635.86	
26 05 19 16-0381		MLF	500 MCM Cable - XLP (XHHW), 600 V Copper, Underground Feeder And Branch Circuit	15,148.90	
26 05 19 16-0382		MLF	750 MCM Cable - XLP (XHHW), 600 V Copper, Underground Feeder And Branch Circuit	27,515.17	
26 05 19 16-0383		MLF	#14 AWG Cable - Type THHN-THWN, 600 V Copper, Underground Feeder And Branch Circuit	478.12	
26 05 19 16-0384		MLF	#12 AWG Cable - Type THHN-THWN, 600 V Copper, Underground Feeder And Branch Circuit	597.12	
26 05 19 16-0385		MLF	#10 AWG Cable - Type THHN-THWN, 600 V Copper, Underground Feeder And Branch Circuit	745.25	
26 05 19 16-0386		MLF	#8 AWG Cable - Type THHN-THWN, 600 V Copper, Underground Feeder And Branch Circuit	1,057.20	
26 05 19 16-0387		MLF	#6 AWG Cable - Type THHN-THWN, 600 V Copper, Underground Feeder And Branch Circuit	1,455.48	
26 05 19 16-0388		MLF	#4 AWG Cable - Type THHN-THWN, 600 V Copper, Underground Feeder And Branch Circuit	1,945.21	
26 05 19 16-0389		MLF	#2 AWG Cable - Type THHN-THWN, 600 V Copper, Underground Feeder And Branch Circuit	2,800.55	
26 05 19 16-0390		MLF	#1 AWG Cable - Type THHN-THWN, 600 V Copper, Underground Feeder And Branch Circuit	3,353.33	
26 05 19 16-0391		MLF	#1/0 AWG Cable - Type THHN-THWN, 600 V Copper, Underground Feeder And Branch Circuit	3,902.55	
26 05 19 16-0392		MLF	#2/0 AWG Cable - Type THHN-THWN, 600 V Copper, Underground Feeder And Branch Circuit	4,442.68	
26 05 19 16-0393		MLF	#3/0 AWG Cable - Type THHN-THWN, 600 V Copper, Underground Feeder And Branch Circuit	5,305.41	
26 05 19 16-0394		MLF	#4/0 AWG Cable - Type THHN-THWN, 600 V Copper, Underground Feeder And Branch Circuit	6,349.35	
26 05 19 16-0395		MLF	250 MCM Cable - Type THHN-THWN, 600 V Copper, Underground Feeder And Branch Circuit	7,482.15	
26 05 19 16-0396		MLF	300 MCM Cable - Type THHN-THWN, 600 V Copper, Underground Feeder And Branch Circuit	8,664.19	
26 05 19 16-0397		MLF	350 MCM Cable - Type THHN-THWN, 600 V Copper, Underground Feeder And Branch Circuit	9,937.85	
26 05 19 16-0398		MLF	400 MCM Cable - Type THHN-THWN, 600 V Copper, Underground Feeder And Branch Circuit	11,165.29	
26 05 19 16-0399		MLF	500 MCM Cable - Type THHN-THWN, 600 V Copper, Underground Feeder And Branch Circuit	13,323.07	
26 05 19 16-0400		MLF	750 MCM Cable - Type THHN-THWN, 600 V Copper, Underground Feeder And Branch Circuit	19,966.69	
26 05 19 16-0401		MLF	#2 AWG Cable - Type EPR, 600 V Copper, Underground Feeder And Branch Circuit	5,118.79	
26 05 19 16-0402		MLF	#1/0 AWG Cable - Type EPR, 600 V Copper, Underground Feeder And Branch Circuit	7,474.75	
26 05 19 16-0403		MLF	#2/0 AWG Cable - Type EPR, 600 V Copper, Underground Feeder And Branch Circuit	8,285.51	
26 05 19 16-0404		MLF	#3/0 AWG Cable - Type EPR, 600 V Copper, Underground Feeder And Branch Circuit	9,436.62	
26 05 19 16-0405		MLF	#4/0 AWG Cable - Type EPR, 600 V Copper, Underground Feeder And Branch Circuit	10,500.85	
26 05 19 16-0406		MLF	250 MCM Cable - Type EPR, 600 V Copper, Underground Feeder And Branch Circuit	11,299.67	
26 05 19 16-0407		MLF	350 MCM Cable - Type EPR, 600 V Copper, Underground Feeder And Branch Circuit	16,571.10	
26 05 19 16-0408		MLF	400 MCM Cable - Type EPR, 600 V Copper, Underground Feeder And Branch Circuit	18,040.32	
26 05 19 16-0409		MLF	500 MCM Cable - Type EPR, 600 V Copper, Underground Feeder And Branch Circuit	20,702.29	

26 05 19 16-0410 600 Volt, Armored Cable, Copper Conductors *(26 05 19 16-0274)*

26 05 19 16-0411 ACTHH, Solid *(26 05 19 16-0410)*

26 05 19 16-0412		MLF	#8 AWG Cable - Type ACT, 1 Conductor, Solid	1,771.38	494.67
26 05 19 16-0413		MLF	#6 AWG Cable - Type ACT, 1 Conductor, Solid	2,043.21	560.63
26 05 19 16-0414		MLF	#4 AWG Cable - Type ACT, 1 Conductor, Solid	2,339.03	593.61
26 05 19 16-0415		MLF	#14 AWG Cable - Type ACTHH, 2 Conductors, Solid	2,552.13	824.45
26 05 19 16-0416		MLF	#12 AWG Cable - Type ACTHH, 2 Conductors, Solid	2,733.52	923.22
26 05 19 16-0417		MLF	#10 AWG Cable - Type ACTHH, 2 Conductors, Solid	3,464.00	1,022.89
26 05 19 16-0418		MLF	#8 AWG Cable - Type ACTHH, 2 Conductors, Solid	4,532.32	1,121.66
26 05 19 16-0419		MLF	#14 AWG Cable - Type ACTHH, 3 Conductors, Solid	3,087.66	923.22
26 05 19 16-0420		MLF	#12 AWG Cable - Type ACTHH, 3 Conductors, Solid	3,233.50	1,022.89

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0421	MLF	#10 AWG Cable - Type ACTHH, 3 Conductors, Solid	4,138.14	1,154.73
26 05 19 16-0422	MLF	#8 AWG Cable - Type ACTHH, 3 Conductors, Solid	5,380.87	1,253.00
26 05 19 16-0423	MLF	#14 AWG Cable - Type ACTHH, 4 Conductors, Solid	3,683.50	1,022.89
26 05 19 16-0424	MLF	#12 AWG Cable - Type ACTHH, 4 Conductors, Solid	4,035.58	1,154.73
26 05 19 16-0425	MLF	#10 AWG Cable - Type ACTHH, 4 Conductors, Solid	5,139.12	1,286.22
26 05 19 16-0426	MLF	#8 AWG Cable - Type ACTHH, 4 Conductors, Solid	6,672.63	1,385.66

26 05 19 16-0427 ACTHH, Stranded *(26 05 19 16-0410)*

26 05 19 16-0428	MLF	#8 AWG Cable - Type ACTHH, 2 Conductors, Stranded	4,697.98	1,187.95
26 05 19 16-0429	MLF	#6 AWG Cable - Type ACTHH, 2 Conductors, Stranded	5,732.67	1,351.52
26 05 19 16-0430	MLF	#8 AWG Cable - Type ACTHH, 3 Conductors, Stranded	5,546.26	1,319.12
26 05 19 16-0431	MLF	#6 AWG Cable - Type ACTHH, 3 Conductors, Stranded	6,962.80	1,482.86
26 05 19 16-0432	MLF	#4 AWG Cable - Type ACTHH, 3 Conductors, Stranded	8,820.88	1,648.90
26 05 19 16-0433	MLF	#3 AWG Cable - Type ACTHH, 3 Conductors, Stranded	10,144.92	1,811.98
26 05 19 16-0434	MLF	#2 AWG Cable - Type ACTHH, 3 Conductors, Stranded	11,629.30	1,977.12
26 05 19 16-0435	MLF	#8 AWG Cable - Type ACTHH, 4 Conductors, Stranded	7,164.65	1,582.45
26 05 19 16-0436	MLF	#6 AWG Cable - Type ACTHH, 4 Conductors, Stranded	8,681.79	1,746.68
26 05 19 16-0437	MLF	#4 AWG Cable - Type ACTHH, 4 Conductors, Stranded	11,183.59	1,912.89
26 05 19 16-0438	MLF	#3 AWG Cable - Type ACTHH, 4 Conductors, Stranded	12,257.14	2,076.71
26 05 19 16-0439	MLF	#2 AWG Cable - Type ACTHH, 4 Conductors, Stranded	14,553.06	2,240.36

26 05 19 16-0440 HCFC, Solid *(26 05 19 16-0410)*

26 05 19 16-0441	MLF	#14 AWG Cable - Type HCF, 2 Conductors, Solid	2,860.54	824.45
26 05 19 16-0442	MLF	#12 AWG Cable - Type HCF, 2 Conductors, Solid	3,130.99	926.35
26 05 19 16-0443	MLF	#10 AWG Cable - Type HCF, 2 Conductors, Solid	3,500.45	1,017.87
26 05 19 16-0444	MLF	#14 AWG Cable - Type HCF, 3 Conductors, Solid	3,470.87	926.35
26 05 19 16-0445	MLF	#12 AWG Cable - Type HCF, 3 Conductors, Solid	3,722.84	1,017.87
26 05 19 16-0446	MLF	#10 AWG Cable - Type HCF, 3 Conductors, Solid	4,876.54	1,161.24
26 05 19 16-0447	MLF	#14 AWG Cable - Type HCF, 4 Conductors, Solid	4,269.92	1,017.87
26 05 19 16-0448	MLF	#12 AWG Cable - Type HCF, 4 Conductors, Solid	4,663.18	1,161.24
26 05 19 16-0449	MLF	#10 AWG Cable - Type HCF, 4 Conductors, Solid	6,388.06	1,288.21

26 05 19 16-0450 MC, Solid Or Stranded, Galvanized Steel Armor *(26 05 19 16-0410)*

26 05 19 16-0451	MLF	#14 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	2,577.13	824.45
26 05 19 16-0452	MLF	#12 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	2,877.08	926.35
26 05 19 16-0453	MLF	#10 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	3,483.03	1,017.87
26 05 19 16-0454	MLF	#8 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	4,509.33	1,087.70
26 05 19 16-0455	MLF	#6 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	5,666.33	1,153.07
26 05 19 16-0456	MLF	#14 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	2,983.23	926.35
26 05 19 16-0457	MLF	#12 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	3,372.95	1,017.87
26 05 19 16-0458	MLF	#10 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	4,320.26	1,161.24
26 05 19 16-0459	MLF	#8 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	5,680.74	1,253.00
26 05 19 16-0460	MLF	#6 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	6,673.02	1,351.52
26 05 19 16-0461	MLF	#4 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	8,315.36	1,451.53
26 05 19 16-0462	MLF	#2 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	10,737.74	1,549.72
26 05 19 16-0463	MLF	#14 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	3,473.39	1,017.87
26 05 19 16-0464	MLF	#12 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	3,980.39	1,161.24
26 05 19 16-0465	MLF	#10 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	6,138.05	1,288.21
26 05 19 16-0466	MLF	#8 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	8,412.66	1,419.04
26 05 19 16-0467	MLF	#6 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	10,339.63	1,518.31
26 05 19 16-0468	MLF	#4 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	13,748.05	1,616.59
26 05 19 16-0469	MLF	#2 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	17,862.18	1,714.04

26 05 19 16-0470 MC, Solid Or Stranded, Aluminum Armor *(26 05 19 16-0410)*

26 05 19 16-0471	MLF	#14 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Aluminum Armor	2,614.62	824.45
26 05 19 16-0472	MLF	#12 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Aluminum Armor	2,879.27	926.35
26 05 19 16-0473	MLF	#10 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Aluminum Armor	3,539.04	1,017.87
26 05 19 16-0474	MLF	#14 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Aluminum Armor	3,171.94	926.35
26 05 19 16-0475	MLF	#12 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Aluminum Armor	3,415.23	1,017.87
26 05 19 16-0476	MLF	#10 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Aluminum Armor	4,446.95	1,161.24
26 05 19 16-0477	MLF	#14 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Aluminum Armor	4,096.04	1,017.87
26 05 19 16-0478	MLF	#12 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Aluminum Armor	4,481.13	1,161.24
26 05 19 16-0479	MLF	#10 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Aluminum Armor	6,495.01	1,288.21

26 05 19 16-0480 FPLP Solid TFN Red Armored Cable *(26 05 19 16-0410)*

Note: Color coded red.

26 05 19 16-0481	MLF	#18/2 With Bare #18 Ground Type TFN FPLP Red Armored Cable	2,382.99	626.58
26 05 19 16-0482	MLF	#18/4 With Bare #18 Ground Type TFN FPLP Red Armored Cable	2,713.06	725.51
26 05 19 16-0483	MLF	#18/6 With Bare #18 Ground Type TFN FPLP Red Armored Cable	3,326.08	824.45
26 05 19 16-0484	MLF	#18/8 With Bare #18 Ground Type TFN FPLP Red Armored Cable	3,803.98	923.39
26 05 19 16-0485	MLF	#16/2 With Bare #16 Ground Type TFN FPLP Red Armored Cable	2,718.45	725.51
26 05 19 16-0486	MLF	#16/4 With Bare #16 Ground Type TFN FPLP Red Armored Cable	3,196.84	824.45
26 05 19 16-0487	MLF	#16/6 With Bare #16 Ground Type TFN FPLP Red Armored Cable	3,959.16	923.39
26 05 19 16-0488	MLF	#16/8 With Bare #16 Ground Type TFN FPLP Red Armored Cable	4,489.94	1,022.32

26 05 19 16-0489 FPLP Solid THHN Red Armored Cable *(26 05 19 16-0410)*

Note: Color coded red.

26 05 19 16-0490	MLF	#14/2 With #14 Ground Type THHN FPLP Red Armored Cable	3,028.93	824.45
26 05 19 16-0491	MLF	#14/4 With #14 Ground Type THHN FPLP Red Armored Cable	3,711.46	923.39

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0492		MLF	#14/6 With #14 Ground Type THHN FPLP Red Armored Cable	4,836.04	1,022.32
26 05 19 16-0493		MLF	#14/8 With #14 Ground Type THHN FPLP Red Armored Cable	5,575.36	1,121.25
26 05 19 16-0494		MLF	#12/2 With #12 Ground Type THHN FPLP Red Armored Cable	3,763.35	923.39
26 05 19 16-0495		MLF	#12/4 With #12 Ground Type THHN FPLP Red Armored Cable	4,551.62	1,022.32

26 05 19 16-0496 FPLP Twisted Shielded Pair Red Armored Cable *(26 05 19 16-0410)*

Note: Color coded red.

26 05 19 16-0497		MLF	#18/2 With #18 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	2,559.22	626.58
26 05 19 16-0498		MLF	#18/2 With #18 Tinned Ground And #14/2 With #14 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	4,060.98	923.39
26 05 19 16-0499		MLF	#16/2 With #16 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	3,125.25	725.51
26 05 19 16-0500		MLF	#16/4 With Two #16 Tinned Grounds FPLP Twisted Shielded Pair Red Armored Cable	3,675.61	824.45
26 05 19 16-0501		MLF	#16/2 With #16 Tinned Ground And #12/2 With #12 Ground FPLP Twisted Shielded Pair Red Armored Cable	5,049.97	1,022.32
26 05 19 16-0502		MLF	#14/2 With One #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	3,664.55	857.43
26 05 19 16-0503		MLF	#14/4 With Two #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	4,492.67	989.35

26 05 19 16-0504 Armored Cable Connectors *(26 05 19 16-0410)*

26 05 19 16-0505		EA	3/4" Armored Cable Connector	4.88	1.80
			For Work In Restricted Working Space, Add	*1.36*	
			For Installation Above 14', Add	*0.68*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.36*	
26 05 19 16-0506		EA	1" Armored Cable Connector	5.76	2.11
			For Work In Restricted Working Space, Add	*1.58*	
			For Installation Above 14', Add	*0.79*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.58*	
26 05 19 16-0507		EA	1-1/4" Armored Cable Connector	8.19	3.02
			For Work In Restricted Working Space, Add	*2.26*	
			For Installation Above 14', Add	*1.13*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.26*	

26 05 19 16-0508 600 Volt, Feeder Wire, Single Stranded Copper *(26 05 19 16-0274)*

26 05 19 16-0509		MLF	#14 AWG Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	655.18	120.82
			For EPR Insulation, Add	*30.44*	
			For Hypalon (CSPE) Jacket, Add	*71.03*	
26 05 19 16-0510		MLF	#12 AWG Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	734.49	133.79
			For EPR Insulation, Add	*31.03*	
			For Hypalon (CSPE) Jacket, Add	*72.41*	
26 05 19 16-0511		MLF	#10 AWG Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	905.02	167.25
			For EPR Insulation, Add	*45.31*	
			For Hypalon (CSPE) Jacket, Add	*105.71*	
26 05 19 16-0512		MLF	#8 AWG Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	1,250.28	266.07
			For EPR Insulation, Add	*74.48*	
			For Hypalon (CSPE) Jacket, Add	*173.79*	
26 05 19 16-0513		MLF	#6 AWG Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	1,738.88	319.27
			For EPR Insulation, Add	*125.16*	
			For Hypalon (CSPE) Jacket, Add	*292.04*	
26 05 19 16-0514		MLF	#4 AWG Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	2,392.93	370.69
			For EPR Insulation, Add	*189.35*	
			For Hypalon (CSPE) Jacket, Add	*441.82*	
26 05 19 16-0515		MLF	#3 AWG Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	2,732.08	424.28
			For EPR Insulation, Add	*217.61*	
			For Hypalon (CSPE) Jacket, Add	*507.76*	
26 05 19 16-0516		MLF	#2 AWG Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	3,482.29	477.86
			For EPR Insulation, Add	*307.53*	
			For Hypalon (CSPE) Jacket, Add	*717.57*	
26 05 19 16-0517		MLF	#1 AWG Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	4,353.00	532.20
			For EPR Insulation, Add	*415.53*	
			For Hypalon (CSPE) Jacket, Add	*969.56*	
26 05 19 16-0518		MLF	#1/0 AWG Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	5,268.70	600.42
			For EPR Insulation, Add	*518.96*	
			For Hypalon (CSPE) Jacket, Add	*1,210.92*	
26 05 19 16-0519		MLF	#2/0 AWG Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	6,384.05	665.84
			For EPR Insulation, Add	*652.35*	
			For Hypalon (CSPE) Jacket, Add	*1,522.15*	
26 05 19 16-0520		MLF	#3/0 AWG Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	7,695.78	743.33
			For EPR Insulation, Add	*815.19*	
			For Hypalon (CSPE) Jacket, Add	*1,902.11*	
26 05 19 16-0521		MLF	#4/0 AWG Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	8,693.58	826.46
			For EPR Insulation, Add	*930.94*	
			For Hypalon (CSPE) Jacket, Add	*2,172.19*	
26 05 19 16-0522		MLF	250 MCM Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	9,244.81	906.43
			For EPR Insulation, Add	*979.71*	
			For Hypalon (CSPE) Jacket, Add	*2,285.98*	
26 05 19 16-0523		MLF	300 MCM Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	10,962.28	996.42
			For EPR Insulation, Add	*1,203.41*	
			For Hypalon (CSPE) Jacket, Add	*2,807.96*	
26 05 19 16-0524		MLF	350 MCM Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	12,251.77	1,056.35
			For EPR Insulation, Add	*1,362.92*	
			For Hypalon (CSPE) Jacket, Add	*3,180.14*	
26 05 19 16-0525		MLF	400 MCM Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	13,758.55	1,180.64
			For EPR Insulation, Add	*1,555.02*	
			For Hypalon (CSPE) Jacket, Add	*3,628.38*	
26 05 19 16-0526		MLF	500 MCM Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	15,773.97	1,313.07
			For EPR Insulation, Add	*1,823.41*	
			For Hypalon (CSPE) Jacket, Add	*4,254.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0527	MLF	600 MCM Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	18,533.30	1,366.13
		For EPR Insulation, Add	*2,192.09*	
		For Hypalon (CSPE) Jacket, Add	*5,114.87*	
26 05 19 16-0528	MLF	750 MCM Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	30,468.98	1,419.12
		For EPR Insulation, Add	*3,914.61*	
		For Hypalon (CSPE) Jacket, Add	*9,134.08*	
26 05 19 16-0529	MLF	#16 AWG Cable Type SFF-2 600 V Copper, Single Stranded, Placed In Conduit	1,154.86	271.19
26 05 19 16-0530	MLF	#14 AWG Cable Type SFF-2 600 V Copper, Single Stranded, Placed In Conduit	1,461.97	301.49
26 05 19 16-0531	MLF	#12 AWG Cable Type SFF-2 600 V Copper, Single Stranded, Placed In Conduit	1,843.35	362.10
26 05 19 16-0532	MLF	#10 AWG Cable Type SFF-2 600 V Copper, Single Stranded, Placed In Conduit	2,187.18	421.94
26 05 19 16-0533	MLF	#8 AWG Cable Type SFF-2 600 V Copper, Single Stranded, Placed In Conduit	3,339.52	451.79
26 05 19 16-0534	MLF	#18 AWG Cable - Type TFFN 600 V Copper, Single Stranded, Placed In Conduit	376.15	150.75
26 05 19 16-0535	MLF	#16 AWG Cable - Type TFFN 600 V Copper, Single Stranded, Placed In Conduit	468.75	165.82
26 05 19 16-0536	MLF	#14 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	478.12	120.90
26 05 19 16-0537	MLF	#12 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	597.12	144.11
26 05 19 16-0538	MLF	#10 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	745.27	181.27
26 05 19 16-0539	MLF	#8 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	1,057.20	238.93
26 05 19 16-0540	MLF	#6 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	1,455.48	288.53
26 05 19 16-0541	MLF	#4 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	1,945.21	340.99
26 05 19 16-0542	MLF	#3 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	2,332.33	385.99
26 05 19 16-0543	MLF	#2 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	2,800.55	432.27
26 05 19 16-0544	MLF	#1 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	3,353.33	487.81
26 05 19 16-0545	MLF	#1/0 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	3,902.55	534.17
26 05 19 16-0546	MLF	#2/0 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	4,442.68	590.31
26 05 19 16-0547	MLF	#3/0 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	5,305.41	624.39
26 05 19 16-0548	MLF	#4/0 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	6,349.35	702.47
26 05 19 16-0549	MLF	250 MCM Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	7,482.15	747.32
26 05 19 16-0550	MLF	300 MCM Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	8,664.19	846.36
26 05 19 16-0551	MLF	350 MCM Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	9,937.85	936.66
26 05 19 16-0552	MLF	400 MCM Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	11,165.29	962.29
26 05 19 16-0553	MLF	500 MCM Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	13,323.07	1,018.06
26 05 19 16-0554	MLF	600 MCM Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	15,581.91	1,198.05
26 05 19 16-0555	MLF	750 MCM Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	19,966.69	1,419.12
26 05 19 16-0556	MLF	1000 MCM Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	25,617.69	1,713.38
26 05 19 16-0557	MLF	#16 AWG Cable - Type TGGT High Temperature 600 V Copper, Single Stranded, Placed In Conduit	2,343.66	362.10
26 05 19 16-0558	MLF	#14 AWG Cable - Type TGGT High Temperature 600 V Copper, Single Stranded, Placed In Conduit	2,579.24	421.94
26 05 19 16-0559	MLF	#12 AWG Cable - Type TGGT High Temperature 600 V Copper, Single Stranded, Placed In Conduit	2,998.43	482.77
26 05 19 16-0560	MLF	#10 AWG Cable - Type TGGT High Temperature 600 V Copper, Single Stranded, Placed In Conduit	3,996.67	542.46
26 05 19 16-0561	MLF	#8 AWG Cable - Type TGGT High Temperature 600 V Copper, Single Stranded, Placed In Conduit	4,544.10	602.98
26 05 19 16-0562	MLF	#6 AWG Cable - Type TGGT High Temperature 600 V Copper, Single Stranded, Placed In Conduit	5,922.07	662.68

26 05 19 16-0563 600 Volt, Feeder Wire, Single Stranded Aluminum *(26 05 19 16-0274)*

26 05 19 16-0564	MLF	#6 AWG Cable - Type THHN-THWN, 600 V Aluminum, Single Stranded, Placed In Conduit	1,032.05	234.96
26 05 19 16-0565	MLF	#4 AWG Cable - Type THHN-THWN, 600 V Aluminum, Single Stranded, Placed In Conduit	1,245.22	273.21
26 05 19 16-0566	MLF	#2 AWG Cable - Type THHN-THWN, 600 V Aluminum, Single Stranded, Placed In Conduit	1,643.36	350.71
26 05 19 16-0567	MLF	#1 AWG Cable - Type THHN-THWN, 600 V Aluminum, Single Stranded, Placed In Conduit	2,085.52	391.63
26 05 19 16-0568	MLF	#1/0 AWG Cable - Type THHN-THWN, 600 V Aluminum, Single Stranded, Placed In Conduit	2,406.38	441.23
26 05 19 16-0569	MLF	#2/0 AWG Cable - Type THHN-THWN, 600 V Aluminum, Single Stranded, Placed In Conduit	2,745.58	486.99
26 05 19 16-0570	MLF	#3/0 AWG Cable - Type THHN-THWN, 600 V Aluminum, Single Stranded, Placed In Conduit	3,265.08	549.60
26 05 19 16-0571	MLF	#4/0 AWG Cable - Type THHN-THWN, 600 V Aluminum, Single Stranded, Placed In Conduit	3,654.79	606.35
26 05 19 16-0572	MLF	250 MCM Cable - Type THHN-THWN, 600 V Aluminum, Single Stranded, Placed In Conduit	4,201.40	666.57
26 05 19 16-0573	MLF	350 MCM Cable - Type THHN-THWN, 600 V Aluminum, Single Stranded, Placed In Conduit	5,545.86	783.18
26 05 19 16-0574	MLF	500 MCM Cable - Type THHN-THWN, 600 V Aluminum, Single Stranded, Placed In Conduit	7,022.93	959.02
26 05 19 16-0575	MLF	750 MCM Cable - Type THHN-THWN, 600 V Aluminum, Single Stranded, Placed In Conduit	9,964.97	1,270.11
26 05 19 16-0576	MLF	1000 MCM Cable - Type THHN-THWN, 600V Aluminum, Single Stranded, Placed In Conduit	13,853.83	1,540.71
26 05 19 16-0577	MLF	#8 AWG Cable - XHHW, 600 V Aluminum, Single Stranded, Placed In Conduit	1,327.28	267.65
26 05 19 16-0578	MLF	#6 AWG Cable - XHHW, 600 V Aluminum, Single Stranded, Placed In Conduit	1,577.73	301.49
26 05 19 16-0579	MLF	#4 AWG Cable - XHHW, 600 V Aluminum, Single Stranded, Placed In Conduit	1,965.27	370.91
26 05 19 16-0580	MLF	#2 AWG Cable - XHHW, 600 V Aluminum, Single Stranded, Placed In Conduit	2,527.86	454.64
26 05 19 16-0581	MLF	#1 AWG Cable - XHHW, 600 V Aluminum, Single Stranded, Placed In Conduit	3,398.06	535.22
26 05 19 16-0582	MLF	1/0 AWG Cable - XHHW, 600 V Aluminum, Single Stranded, Placed In Conduit	3,862.40	603.21
26 05 19 16-0583	MLF	2/0 AWG Cable - XHHW, 600 V Aluminum, Single Stranded, Placed In Conduit	4,457.30	669.99
26 05 19 16-0584	MLF	3/0 AWG Cable - XHHW, 600 V Aluminum, Single Stranded, Placed In Conduit	5,278.64	730.97
26 05 19 16-0585	MLF	4/0 AWG Cable - XHHW, 600 V Aluminum, Single Stranded, Placed In Conduit	5,850.82	777.92
26 05 19 16-0586	MLF	250 MCM Cable - XHHW, 600 V Aluminum, Single Stranded, Placed In Conduit	6,789.38	832.34
26 05 19 16-0587	MLF	300 MCM Cable - XHHW, 600 V Aluminum, Single Stranded, Placed In Conduit	8,650.88	892.03
26 05 19 16-0588	MLF	350 MCM Cable - XHHW, 600 V Aluminum, Single Stranded, Placed In Conduit	9,043.86	963.64
26 05 19 16-0589	MLF	400 MCM Cable - XHHW, 600 V Aluminum, Single Stranded, Placed In Conduit	10,225.01	1,050.84
26 05 19 16-0590	MLF	500 MCM Cable - XHHW, 600 V Aluminum, Single Stranded, Placed In Conduit	11,575.98	1,205.97
26 05 19 16-0591	MLF	600 MCM Cable - XHHW, 600 V Aluminum, Single Stranded, Placed In Conduit	13,981.23	1,269.13
26 05 19 16-0592	MLF	700 MCM Cable - XHHW, 600 V Aluminum, Single Stranded, Placed In Conduit	15,491.14	1,338.02
26 05 19 16-0593	MLF	750 MCM Cable - XHHW, 600 V Aluminum, Single Stranded, Placed In Conduit	15,861.57	1,421.98
26 05 19 16-0594	MLF	1000 MCM Cable - XHHW, 600 V Aluminum, Single Stranded, Placed In Conduit	23,441.90	1,992.86
26 05 19 16-0595	MLF	#6 AWG Cable - XLPE-USE 600 V Aluminum, Single Stranded, Placed In Conduit	1,690.10	301.49
26 05 19 16-0596	MLF	#4 AWG Cable - XLPE-USE 600 V Aluminum, Single Stranded, Placed In Conduit	2,130.89	370.84
26 05 19 16-0597	MLF	#2 AWG Cable - XLPE-USE 600 V Aluminum, Single Stranded, Placed In Conduit	2,689.85	455.26
26 05 19 16-0598	MLF	#1 AWG Cable - XLPE-USE 600 V Aluminum, Single Stranded, Placed In Conduit	3,550.98	532.20
26 05 19 16-0599	MLF	#1/0 AWG Cable - XLPE-USE 600 V Aluminum, Single Stranded, Placed In Conduit	4,015.83	600.42
26 05 19 16-0600	MLF	#2/0 AWG Cable - XLPE-USE 600 V Aluminum, Single Stranded, Placed In Conduit	4,607.50	665.84
26 05 19 16-0601	MLF	#3/0 AWG Cable - XLPE-USE 600 V Aluminum, Single Stranded, Placed In Conduit	5,519.42	730.97
26 05 19 16-0602	MLF	#4/0 AWG Cable - XLPE-USE 600 V Aluminum, Single Stranded, Placed In Conduit	6,118.35	777.92
26 05 19 16-0603	MLF	250 MCM Cable - XLPE-USE 600 V Aluminum, Single Stranded, Placed In Conduit	7,162.70	831.82
26 05 19 16-0604	MLF	300 MCM Cable - XLPE-USE 600 V Aluminum, Single Stranded, Placed In Conduit	9,188.78	893.17
26 05 19 16-0605	MLF	350 MCM Cable - XLPE-USE 600 V Aluminum, Single Stranded, Placed In Conduit	9,635.74	964.92
26 05 19 16-0606	MLF	400 MCM Cable - XLPE-USE 600 V Aluminum, Single Stranded, Placed In Conduit	10,754.19	1,048.44

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0607		MLF	500 MCM Cable - XLPE-USE 600 V Aluminum, Single Stranded, Placed In Conduit	12,378.58	1,205.97
26 05 19 16-0608		MLF	600 MCM Cable - XLPE-USE 600 V Aluminum, Single Stranded, Placed In Conduit	14,668.24	1,265.74
26 05 19 16-0609		MLF	700 MCM Cable - XLPE-USE 600 V Aluminum, Single Stranded, Placed In Conduit	16,561.27	1,338.02
26 05 19 16-0610		MLF	750 MCM Cable - XLPE-USE 600 V Aluminum, Single Stranded, Placed In Conduit	17,081.48	1,417.68
26 05 19 16-0611			Non-Metallic Sheathed Cable *(26 05 19 16-0274)*		
26 05 19 16-0612			Indoor Installation *(26 05 19 16-0611)*		
			Note: For NM, NM-B, NMC-B and NMS-B.		
26 05 19 16-0613		MLF	# 14-2 With Ground Cable, Type NM, 600 V Copper, Non-Metallic Sheathed Cable	1,735.53	572.76
			For Installation In Wood Stud Wall (Includes Drilling), Add	*214.78*	
26 05 19 16-0614		MLF	# 14-3 With Ground Cable, Type NM, 600 V Copper, Non-Metallic Sheathed Cable	2,146.10	693.43
			For Installation In Wood Stud Wall (Includes Drilling), Add	*260.05*	
26 05 19 16-0615		MLF	# 12-2 With Ground Cable, Type NM, 600 V Copper, Non-Metallic Sheathed Cable	1,936.92	651.22
			For Installation In Wood Stud Wall (Includes Drilling), Add	*231.77*	
26 05 19 16-0616		MLF	# 12-3 With Ground Cable, Type NM, 600 V Copper, Non-Metallic Sheathed Cable	2,413.88	723.43
			For Installation In Wood Stud Wall (Includes Drilling), Add	*271.29*	
26 05 19 16-0617		MLF	# 10-2 With Ground Cable, Type NM, 600 V Copper, Non-Metallic Sheathed Cable	2,456.82	723.81
			For Installation In Wood Stud Wall (Includes Drilling), Add	*271.43*	
26 05 19 16-0618		MLF	# 10-3 With Ground Cable, Type NM, 600 V Copper, Non-Metallic Sheathed Cable	3,049.43	844.32
			For Installation In Wood Stud Wall (Includes Drilling), Add	*316.62*	
26 05 19 16-0619		MLF	# 8-2 With Ground Cable, Type NM, 600 V Copper, Non-Metallic Sheathed Cable	3,215.01	866.79
			For Installation In Wood Stud Wall (Includes Drilling), Add	*308.65*	
26 05 19 16-0620		MLF	# 8-3 With Ground Cable, Type NM, 600 V Copper, Non-Metallic Sheathed Cable	4,234.25	1,047.69
			For Installation In Wood Stud Wall (Includes Drilling), Add	*373.10*	
26 05 19 16-0621		MLF	# 6-2 With Ground Cable, Type NM, 600 V Copper, Non-Metallic Sheathed Cable	3,914.36	987.38
			For Installation In Wood Stud Wall (Includes Drilling), Add	*350.48*	
26 05 19 16-0622		MLF	# 6-3 With Ground Cable, Type NM, 600 V Copper, Non-Metallic Sheathed Cable	5,107.26	1,190.89
			For Installation In Wood Stud Wall (Includes Drilling), Add	*423.97*	
26 05 19 16-0623		MLF	# 4-3 With Ground Cable, Type NM, 600 V Copper, Non-Metallic Sheathed Cable	6,807.84	1,311.49
			For Installation In Wood Stud Wall (Includes Drilling), Add	*466.37*	
26 05 19 16-0624		MLF	# 2-3 With Ground Cable, Type NM, 600 V Copper, Non-Metallic Sheathed Cable	9,783.03	1,424.55
			For Installation In Wood Stud Wall (Includes Drilling), Add	*508.76*	
26 05 19 16-0625			Direct Burial Cable *(26 05 19 16-0611)*		
			Note: Excludes trench and backfill. For NM, NM-B, NMC-B and NMS-B. Copper.		
26 05 19 16-0626		MLF	#14-2 With Ground Cable, Type UF 600 V Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	1,885.42	
26 05 19 16-0627		MLF	#14-3 With Ground Cable, Type UF 600 V Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	2,403.44	
26 05 19 16-0628		MLF	#12-2 With Ground Cable, Type UF 600 V Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	2,407.50	
26 05 19 16-0629		MLF	#12-3 With Ground Cable, Type UF 600 V Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	2,860.01	
26 05 19 16-0630		MLF	#10-2 With Ground Cable, Type UF 600 V Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	2,756.54	
26 05 19 16-0631		MLF	#10-3 With Ground Cable, Type UF 600 V Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	3,481.80	
26 05 19 16-0632		MLF	#8-2 With Ground Cable, Type UF 600 V Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	3,843.46	
26 05 19 16-0633		MLF	#8-3 With Ground Cable, Type UF 600 V Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	4,913.41	
26 05 19 16-0634		MLF	#6-2 With Ground Cable, Type UF 600 V Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	5,058.67	
26 05 19 16-0635		MLF	#6-3 With Ground Cable, Type UF 600 V Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	6,040.38	
26 05 19 16-0636			SEU Cable Copper, 3 Conductor *(26 05 19 16-0611)*		
26 05 19 16-0637		MLF	12-12-12 Cable SEU Copper	2,503.15	725.76
26 05 19 16-0638		MLF	10-10-10 Cable SEU Copper	3,059.02	824.45
26 05 19 16-0639		MLF	8-8-8 Cable SEU Copper	3,718.91	923.22
26 05 19 16-0640		MLF	6-6-8 Cable SEU Copper	4,600.16	989.76
26 05 19 16-0641		MLF	6-6-6 Cable SEU Copper	4,932.05	1,022.89
26 05 19 16-0642		MLF	4-4-6 Cable SEU Copper	5,967.58	1,121.66
26 05 19 16-0643		MLF	4-4-4 Cable SEU Copper	6,397.88	1,154.73
26 05 19 16-0644		MLF	3-3-5 Cable SEU Copper	6,858.02	1,253.00
26 05 19 16-0645		MLF	3-3-3 Cable SEU Copper	7,401.53	1,319.12
26 05 19 16-0646		MLF	2-2-4 Cable SEU Copper	8,196.22	1,385.66
26 05 19 16-0647		MLF	2-2-2 Cable SEU Copper	8,920.13	1,451.53
26 05 19 16-0648		MLF	1-1-1 Cable SEU Copper	11,192.94	1,648.90
26 05 19 16-0649		MLF	1/0-1/0-1/0 Cable SEU Copper	12,653.43	1,848.58
26 05 19 16-0650		MLF	2/0-2/0-2/0 Cable SEU Copper	15,033.93	2,081.98
26 05 19 16-0651		MLF	3/0-3/0-3/0 Cable SEU Copper	17,987.77	2,315.88
26 05 19 16-0652		MLF	4/0-4/0-4/0 Cable SEU Copper	19,980.37	2,584.48
26 05 19 16-0653			SEU Cable Aluminum, 3 Conductor *(26 05 19 16-0611)*		
26 05 19 16-0654		MLF	8-8-8 Cable SEU Aluminum	8,550.42	926.35
26 05 19 16-0655		MLF	6-6-6 Cable SEU Aluminum	8,818.70	1,017.87
26 05 19 16-0656		MLF	4-4-6 Cable SEU Aluminum	10,371.07	1,114.17
26 05 19 16-0657		MLF	4-4-4 Cable SEU Aluminum	10,947.08	1,161.24
26 05 19 16-0658		MLF	2-2-4 Cable SEU Aluminum	13,344.11	1,374.11
26 05 19 16-0659		MLF	2-2-2 Cable SEU Aluminum	14,362.54	1,446.41
26 05 19 16-0660		MLF	1-1-1 Cable SEU Aluminum	18,685.35	1,648.90
26 05 19 16-0661		MLF	1/0-1/0-2 Cable SEU Aluminum	19,937.50	1,735.71
26 05 19 16-0662		MLF	1/0-1/0-1/0 Cable SEU Aluminum	28,726.50	1,832.09
26 05 19 16-0663		MLF	2/0-2/0-1 Cable SEU Aluminum	22,457.43	1,963.02
26 05 19 16-0664		MLF	2/0-2/0-2/0 Cable SEU Aluminum	23,927.57	2,061.13
26 05 19 16-0665		MLF	3/0-3/0-1/0 Cable SEU Aluminum	27,475.80	2,158.25
26 05 19 16-0666		MLF	3/0-3/0-3/0 Cable SEU Aluminum	29,699.53	2,290.16
26 05 19 16-0667		MLF	4/0-4/0-2/0 Cable SEU Aluminum	30,416.66	2,475.83
26 05 19 16-0668		MLF	4/0-4/0-4/0 Cable SEU Aluminum	32,746.27	2,576.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0669		**SER Cable Copper, 4 Conductor** *(26 05 19 16-0611)*		
26 05 19 16-0670	MLF	6-6-6-6 Cable SER Copper	7,006.07	1,187.95
26 05 19 16-0671	MLF	4-4-4-6 Cable SER Copper	9,032.68	1,286.22
26 05 19 16-0672	MLF	3-3-3-5 Cable SER Copper	10,605.03	1,451.53
26 05 19 16-0673	MLF	2-2-2-4 Cable SER Copper	12,378.75	1,582.45
26 05 19 16-0674	MLF	1-1-1-3 Cable SER Copper	15,076.60	1,811.98
26 05 19 16-0675	MLF	1/0-1/0-1/0-2 Cable SER Copper	19,177.08	2,076.71
26 05 19 16-0676	MLF	2/0-2/0-2/0-1 Cable SER Copper	22,903.01	2,240.36
26 05 19 16-0677	MLF	3/0-3/0-3/0-1/0 Cable SER Copper	27,624.59	2,505.92
26 05 19 16-0678		**Single Copper Conductor Installed On Poles** *(26 05 19 16-0009)*		
26 05 19 16-0679		**Bare Stranded Conductor** *(26 05 19 16-0678)*		
26 05 19 16-0680	MLF	#12 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	1,005.60	324.35
26 05 19 16-0681	MLF	#10 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	1,193.42	353.53
26 05 19 16-0682	MLF	#8 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	1,382.18	383.07
26 05 19 16-0683	MLF	#6 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	1,725.71	412.80
26 05 19 16-0684	MLF	#4 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	2,132.23	442.60
26 05 19 16-0685	MLF	#2 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	3,112.87	530.87
26 05 19 16-0686	MLF	#1 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	3,588.87	589.69
26 05 19 16-0687	MLF	#1/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	4,110.06	647.45
26 05 19 16-0688	MLF	#2/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	5,569.60	767.92
26 05 19 16-0689	MLF	#3/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	6,786.72	882.90
26 05 19 16-0690	MLF	#4/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	7,254.01	1,000.63
26 05 19 16-0691	MLF	250 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	9,232.17	1,179.29
26 05 19 16-0692	MLF	300 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	9,423.82	1,241.38
26 05 19 16-0693	MLF	350 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	11,908.89	1,300.02
26 05 19 16-0694	MLF	400 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	13,208.22	1,353.36
26 05 19 16-0695	MLF	500 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	15,493.58	1,411.12
26 05 19 16-0696		**Insulated Stranded Conductor** *(26 05 19 16-0678)*		
26 05 19 16-0697	MLF	#12 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	1,102.34	324.35
26 05 19 16-0698	MLF	#10 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	1,318.23	353.53
26 05 19 16-0699	MLF	#8 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	1,628.56	383.07
26 05 19 16-0700	MLF	#6 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	1,772.35	412.80
26 05 19 16-0701	MLF	#4 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	2,203.38	442.60
26 05 19 16-0702	MLF	#2 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	3,010.12	530.87
26 05 19 16-0703	MLF	#1 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	3,578.61	589.69
26 05 19 16-0704	MLF	#1/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	4,253.14	647.45
26 05 19 16-0705	MLF	#2/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	5,130.23	767.92
26 05 19 16-0706	MLF	#3/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	6,174.28	882.90
26 05 19 16-0707	MLF	#4/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	7,301.79	1,000.63
26 05 19 16-0708	MLF	250 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	8,939.85	1,179.29
26 05 19 16-0709	MLF	300 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	10,197.60	1,241.38
26 05 19 16-0710	MLF	350 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	11,218.65	1,300.02
26 05 19 16-0711	MLF	400 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	12,635.91	1,353.36
26 05 19 16-0712	MLF	500 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	14,276.31	1,411.12
26 05 19 16-0713		**Bare Solid Conductor** *(26 05 19 16-0678)*		
26 05 19 16-0714	MLF	#12 AWG 1/c Bare Solid Copper Cable, Installed On Poles	1,005.60	324.35
26 05 19 16-0715	MLF	#8 AWG 1/c Bare Solid Copper Cable, Installed On Poles	1,382.18	383.07
26 05 19 16-0716	MLF	#6 AWG 1/c Bare Solid Copper Cable, Installed On Poles	1,725.71	412.80
26 05 19 16-0717	MLF	#4 AWG 1/c Bare Solid Copper Cable, Installed On Poles	2,102.82	442.60
26 05 19 23		**Manufactured Wiring Assemblies** *(26 05 19)*		
26 05 19 23-0001		**Festoon Cable Systems Complete System** *(26 05 19 23)*		
26 05 19 23-0002		**Components** *(26 05 19 23-0001)*		
26 05 19 23-0003	LF	20' C Channel Type Track, Galvanized Steel Festoon Cable System Components	11.15	4.95
26 05 19 23-0004	EA	Channel Track Hanger, Plated Steel Festoon Cable System Components	44.28	18.14
26 05 19 23-0005	EA	Channel Track Joint Clamp Assembly Festoon Cable System Components	36.37	18.14
26 05 19 23-0006	EA	End Stop For Channel Track Festoon Cable System Components	9.27	4.12
26 05 19 23-0007	EA	End Clamp And Cable Saddle Assembly With Steel Saddle, Festoon Cable System	46.32	20.61
26 05 19 23-0008	EA	Cable Supplying Trolley, Steel Saddle With Stainless Steel Ball Bearing Wheel, Festoon Cable	40.70	1.65
26 05 19 23-0009	EA	Towing Trolley Assembly With Steel Saddle With Stainless Steel Ball Bearing Wheel, Festoon Cable	46.62	1.65
26 05 19 23-0010	EA	J-Box With 2 Terminal Blocks And Bracket Festoon Cable System Components	274.11	103.05
26 05 19 23-0011	EA	Watertight Connector For Flat Cable Festoon Cable System Components	25.01	8.26
26 05 19 23-0012		**Cable** *(26 05 19 23-0001)*		
26 05 19 23-0013	LF	12/c #16 Flat Festoon Cable PVC Jacketed, 600V	5.65	1.65
26 05 19 23-0014	LF	12/c #14 Flat Festoon Cable PVC Jacketed, 600V	6.09	1.65
26 05 19 23-0015	LF	8/c #16 Flat Festoon Cable PVC Jacketed, 600V	5.21	1.65
26 05 19 23-0016	LF	8/c #14 Flat Festoon Cable PVC Jacketed, 600V	5.24	1.65
26 05 19 23-0017	LF	7/c #12 Flat Festoon Cable PVC Jacketed, 600V	5.71	1.65
26 05 19 23-0018	LF	4/c #14 Flat Festoon Cable PVC Jacketed, 600V	4.35	1.65
26 05 19 23-0019	LF	4/c #12 Flat Festoon Cable PVC Jacketed, 600V	4.59	1.65

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 19 23-0020 Complete Systems *(26 05 19 23-0001)*

26 05 19 23-0021	EA	Festoon System, 80' Long, Complete With 7/c #12 And 4/c #14, Wet Environment Note: Includes 10 each cable trolleys with steel saddle, stainless steel wheels, 1 each J-box with terminal strips and brackets, 80 LF C type track, 20' sections, 9 each hangars, 3 each joints, 2 each end stop, 1 each end clamp with steel saddle, 1 each towing trolley with steel saddle, 2 each watertight connectors for 4/c #14, 2 each watertight connectors for 7/c #12, 80 LF each type cable as listed.	4,581.32	1,648.90

26 05 23 Control-Voltage Electrical Power Cables *(26 05)*

26 05 23 00-0001 Cable For Sound System *(26 05 23)*

26 05 23 00-0002 Shielded Conductors *(26 05 23 00-0001)*

Note: One pair, stranded or solid, copper, PVC jacketed, sizes as indicated on tasks.

26 05 23 00-0003	MLF	1 Pair #20 AWG Sound System, Placed In Conduit, Shielded	710.70	301.49
26 05 23 00-0004	MLF	1 Pair #14 AWG Sound System, Placed In Conduit, Shielded	1,120.86	301.49
26 05 23 00-0005	LF	3 Conductor #16 AWG Sound System, Placed In Conduit, Shielded	0.93	0.18
26 05 23 00-0006	MLF	18/6 AWG Sound System, Placed In Conduit, Shielded	987.20	182.70

26 05 23 00-0007 Cable For HVAC System Controls *(26 05 23)*

26 05 23 00-0008 Low Voltage Cable To 300 Volts *(26 05 23 00-0007)*

Note: For surface or conduit installation. Thermostat wiring.

26 05 23 00-0009	MLF	2/c #18 300 V Thermostat Cable, Low Volt Cable For HVAC System Controls	868.80	96.10
26 05 23 00-0010	MLF	3/c #18 300 V Thermostat Cable, Low Volt Cable For HVAC System Controls	1,130.39	101.22
26 05 23 00-0011	MLF	4/c #18 300 V Thermostat Cable, Low Volt Cable For HVAC System Controls	1,484.87	107.03
26 05 23 00-0012	MLF	6/c #18 300 V Twisted Shielded Cable, In Conduit	1,282.12	144.41
26 05 23 00-0013	MLF	8/c #18 300 V Twisted Shielded Cable, In Conduit	1,713.13	126.55

26 05 26 Grounding And Bonding For Electrical Systems *(26 05)*

26 05 26 00-0001 Conductors, Straps And Conduit Jumpers *(26 05 26)*

26 05 26 00-0002 Single Conductor *(26 05 26 00-0001)*

26 05 26 00-0003 Copper Bare Stranded Conductors *(26 05 26 00-0002)*

26 05 26 00-0004	MLF	12 AWG Copper Bare Single Stranded Conductor	469.81	159.05
26 05 26 00-0005	MLF	10 AWG Copper Bare Single Stranded Conductor	639.92	159.05
26 05 26 00-0006	MLF	8 AWG Copper Bare Single Stranded Conductor	810.69	191.59
26 05 26 00-0007	MLF	6 AWG Copper Bare Single Stranded Conductor	1,153.18	191.59
26 05 26 00-0008	MLF	4 AWG Copper Bare Single Stranded Conductor	1,581.65	231.35
26 05 26 00-0009	MLF	2 AWG Copper Bare Single Stranded Conductor	2,547.10	231.35
26 05 26 00-0010	MLF	1 AWG Copper Bare Single Stranded Conductor	2,963.48	278.34
26 05 26 00-0011	MLF	1/0 AWG Copper Bare Single Stranded Conductor	3,481.52	278.34
26 05 26 00-0012	MLF	2/0 AWG Copper Bare Single Stranded Conductor	4,932.83	350.64
26 05 26 00-0013	MLF	3/0 AWG Copper Bare Single Stranded Conductor	6,108.43	350.64
26 05 26 00-0014	MLF	4/0 AWG Copper Bare Single Stranded Conductor	6,445.73	466.31
26 05 26 00-0015	MLF	250 MCM Copper Bare Single Stranded Conductor	8,336.40	466.31
26 05 26 00-0016	MLF	300 MCM Copper Bare Single Stranded Conductor	8,339.83	538.61
26 05 26 00-0017	MLF	350 MCM Copper Bare Single Stranded Conductor	11,333.27	538.61
26 05 26 00-0018	MLF	500 MCM Copper Bare Single Stranded Conductor	15,531.44	665.13

26 05 26 00-0019 Copper Insulated Single Stranded Conductors *(26 05 26 00-0002)*

26 05 26 00-0020	MLF	12 AWG Copper Insulated Single Stranded Conductor	947.51	216.89
26 05 26 00-0021	MLF	10 AWG Copper Insulated Single Stranded Conductor	989.91	216.89
26 05 26 00-0022	MLF	8 AWG Copper Insulated Single Stranded Conductor	1,287.49	216.89
26 05 26 00-0023	MLF	6 AWG Copper Insulated Single Stranded Conductor	1,442.90	375.95
26 05 26 00-0024	MLF	4 AWG Copper Insulated Single Stranded Conductor	1,987.40	375.95
26 05 26 00-0025	MLF	2 AWG Copper Insulated Single Stranded Conductor	2,854.76	375.95
26 05 26 00-0026	MLF	1 AWG Copper Insulated Single Stranded Conductor	3,476.10	657.90
26 05 26 00-0027	MLF	1/0 AWG Copper Insulated Single Stranded Conductor	4,266.58	657.90
26 05 26 00-0028	MLF	2/0 AWG Copper Insulated Single Stranded Conductor	5,040.35	657.90
26 05 26 00-0029	MLF	3/0 AWG Copper Insulated Single Stranded Conductor	6,051.86	657.90
26 05 26 00-0030	MLF	4/0 AWG Copper Insulated Single Stranded Conductor	7,179.24	860.33
26 05 26 00-0031	MLF	250 MCM Copper Insulated Single Stranded Conductor	8,743.04	860.33
26 05 26 00-0032	MLF	300 MCM Copper Insulated Single Stranded Conductor	10,227.78	860.33
26 05 26 00-0033	MLF	350 MCM Copper Insulated Single Stranded Conductor	11,873.03	1,337.49
26 05 26 00-0034	MLF	500 MCM Copper Insulated Single Stranded Conductor	15,627.57	1,337.49

26 05 26 00-0035 Copper Bare Single Solid Conductors *(26 05 26 00-0002)*

26 05 26 00-0036	MLF	12 AWG Copper Bare Single Solid Conductor	469.81	159.05
26 05 26 00-0037	MLF	10 AWG Copper Bare Single Solid Conductor	639.92	159.05
26 05 26 00-0038	MLF	8 AWG Copper Bare Single Solid Conductor	810.69	191.59
26 05 26 00-0039	MLF	6 AWG Copper Bare Single Solid Conductor	1,153.18	191.59
26 05 26 00-0040	MLF	4 AWG Copper Bare Single Solid Conductor	1,581.65	231.35
26 05 26 00-0041	MLF	2 AWG Copper Bare Single Solid Conductor	2,547.10	231.35
26 05 26 00-0042	MLF	1/0 AWG Copper Bare Single Solid Conductor	3,481.52	278.34
26 05 26 00-0043	MLF	4/0 AWG Copper Bare Single Solid Conductor	6,445.73	368.71

26 05 26 00-0044 Aluminum Bare Single Stranded Conductors *(26 05 26 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0045	MLF	8 AWG Aluminum Bare Single Stranded Conductor	956.40	191.59
26 05 26 00-0046	MLF	6 AWG Aluminum Bare Single Stranded Conductor	1,111.56	191.59
26 05 26 00-0047	MLF	4 AWG Aluminum Bare Single Stranded Conductor	1,356.45	231.35
26 05 26 00-0048	MLF	2 AWG Aluminum Bare Single Stranded Conductor	1,878.50	231.35
26 05 26 00-0049	MLF	1 AWG Aluminum Bare Single Stranded Conductor	2,360.60	278.34
26 05 26 00-0050	MLF	1/0 AWG Aluminum Bare Single Stranded Conductor	2,707.02	278.34
26 05 26 00-0051	MLF	2/0 AWG Aluminum Bare Single Stranded Conductor	3,141.65	350.64
26 05 26 00-0052	MLF	3/0 AWG Aluminum Bare Single Stranded Conductor	3,728.23	350.64
26 05 26 00-0053	MLF	4/0 AWG Aluminum Bare Single Stranded Conductor	4,392.69	466.31
26 05 26 00-0054	MLF	250 MCM Aluminum Bare Single Stranded Conductor	5,069.54	466.31
26 05 26 00-0055	MLF	300 MCM Aluminum Bare Single Stranded Conductor	6,474.84	538.61
26 05 26 00-0056	MLF	350 MCM Aluminum Bare Single Stranded Conductor	7,635.79	538.61
26 05 26 00-0057	MLF	500 MCM Aluminum Bare Single Stranded Conductor	8,883.88	665.13

26 05 26 00-0058 Aluminum Bare Single Solid Conductors *(26 05 26 00-0002)*

26 05 26 00-0059	MLF	8 AWG Aluminum Bare Single Solid Conductor	956.40	191.59
26 05 26 00-0060	MLF	6 AWG Aluminum Bare Single Solid Conductor	1,111.56	191.59
26 05 26 00-0061	MLF	4 AWG Aluminum Bare Single Solid Conductor	1,356.45	231.35
26 05 26 00-0062	MLF	2 AWG Aluminum Bare Single Solid Conductor	1,878.50	231.35
26 05 26 00-0063	MLF	1 AWG Aluminum Bare Single Solid Conductor	2,331.43	368.71
26 05 26 00-0064	MLF	1/0 AWG Aluminum Bare Single Solid Conductor	2,707.02	368.71
26 05 26 00-0065	MLF	2/0 AWG Aluminum Bare Single Solid Conductor	3,069.37	350.64
26 05 26 00-0066	MLF	3/0 AWG Aluminum Bare Single Solid Conductor	3,582.69	350.64
26 05 26 00-0067	MLF	4/0 AWG Aluminum Bare Single Solid Conductor	4,392.69	466.31
26 05 26 00-0068	MLF	250 MCM Aluminum Bare Single Solid Conductor	5,069.54	466.31
26 05 26 00-0069	MLF	300 MCM Aluminum Bare Single Solid Conductor	6,474.84	538.61
26 05 26 00-0070	MLF	350 MCM Aluminum Bare Single Solid Conductor	7,635.79	538.61
26 05 26 00-0071	MLF	500 MCM Aluminum Bare Single Solid Conductor	8,883.88	665.13

26 05 26 00-0072 Aluminum Smooth Woven Conductors *(26 05 26 00-0002)*

26 05 26 00-0073	LF	10 Strand x 14 AWG Smooth Weave Aluminum Conductor	1.83	0.57
26 05 26 00-0074	LF	16 Strand x 14 AWG Smooth Weave Aluminum Conductor	2.02	0.63
26 05 26 00-0075	LF	24 Strand x 14 AWG Smooth Weave Aluminum Conductor	2.39	0.72
26 05 26 00-0076	LF	26 Strand x 14 AWG Smooth Weave Aluminum Conductor	2.33	0.73
26 05 26 00-0077	LF	28 Strand x 14 AWG Smooth Weave Aluminum Conductor	2.53	0.76

26 05 26 00-0078 Copper Flexible Braid Connector Jumper Strap *(26 05 26 00-0001)*

Note: Manufactured from flat extra flexible tinned braid. Ferrules are tin plated pure electrolytic copper with 2 holes, on each end.

26 05 26 00-0079	EA	100 A, Copper Flexible Braid Jumper Strap, 12" Length	170.10	20.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 05 26 00-0080	EA	225 A, Copper Flexible Braid Jumper Strap, 12" Length	170.70	24.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 05 26 00-0081	EA	225 A, Copper Flexible Braid Jumper Strap, 18" Length	219.24	24.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 05 26 00-0082	EA	225 A, Copper Flexible Braid Jumper Strap, 24" Length	267.11	24.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 05 26 00-0083	EA	400 A, Copper Flexible Braid Jumper Strap, 12" Length	230.06	26.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.55*	
26 05 26 00-0084	EA	400 A, Copper Flexible Braid Jumper Strap, 18" Length	299.89	26.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.55*	
26 05 26 00-0085	EA	400 A, Copper Flexible Braid Jumper Strap, 24" Length	360.56	26.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.55*	
26 05 26 00-0086	EA	600 A, Copper Flexible Braid Jumper Strap, 12" Length	300.10	34.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.40*	
26 05 26 00-0087	EA	800 A, Copper Flexible Braid Jumper Strap, 12" Length	711.44	41.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	

26 05 26 00-0088 Bonding Jumper For Metallic Conduit *(26 05 26 00-0001)*

26 05 26 00-0089	EA	1/2" To 1" Conductor, Bonding Jumper - Metallic Conduit	184.23	45.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.76*	
26 05 26 00-0090	EA	1-1/4" To 2" Conductor, Bonding Jumper - Metallic Conduit	227.13	45.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.71*	
26 05 26 00-0091	EA	2-1/2" To 4" Conductor, Bonding Jumper - Metallic Conduit	374.30	70.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.48*	
26 05 26 00-0092	EA	5" To 6" Conductor, Bonding Jumper - Metallic Conduit	597.67	70.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.80*	

26 05 26 00-0093 Ground Rods *(26 05 26)*

26 05 26 00-0094 Copper-Clad Ground Rods *(26 05 26 00-0093)*

26 05 26 00-0095	EA	1/2" Diameter x 8' Long Copper-Clad Ground Rods	72.80	61.83
26 05 26 00-0096	EA	5/8" Diameter x 8' Long Copper-Clad Ground Rods	76.23	61.83
26 05 26 00-0097	EA	3/4" Diameter x 8' Long Copper-Clad Ground Rods	90.08	61.83
26 05 26 00-0098	EA	1/2" Diameter x 10' Long Copper-Clad Ground Rods	85.85	61.83
26 05 26 00-0099	EA	5/8" Diameter x 10' Long Copper-Clad Ground Rods	90.14	61.83
26 05 26 00-0100	EA	3/4" Diameter x 10' Long Copper-Clad Ground Rods	107.45	61.83

26 05 26 00-0101 Copper Grounding Shaft *(26 05 26 00-0093)*

26 05 26 00-0102	EA	2-1/8" Diameter x 10' Long Copper Grounding Shaft	251.48	61.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0103	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 10' Horizontal Copper Grounding Shaft	313.74	61.83
26 05 26 00-0104	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 20' Horizontal Copper Grounding Shaft	491.02	61.83
26 05 26 00-0105		Ground Access Wells *(26 05 26 00-0093)*		
26 05 26 00-0106		Precast Ground Access Wells *(26 05 26 00-0105)*		
26 05 26 00-0107	EA	8" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	159.82	
26 05 26 00-0108	EA	10" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	167.06	
26 05 26 00-0109	EA	12" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	442.33	
26 05 26 00-0110	EA	18" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	449.57	
26 05 26 00-0111		PVC Ground Access Well *(26 05 26 00-0105)*		
26 05 26 00-0112	EA	10" Diameter x 24" Deep PVC Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	252.95	
26 05 26 00-0113	EA	12" Diameter x 24" Deep PVC Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	294.77	
26 05 26 00-0114	EA	18" Diameter x 24" Deep PVC Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	532.19	
26 05 26 00-0115	EA	10" Diameter x 24" Deep PVC Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	242.57	
26 05 26 00-0116	EA	12" Diameter x 24" Deep PVC Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	260.86	
26 05 26 00-0117	EA	18" Diameter x 24" Deep PVC Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	511.16	
26 05 26 00-0118	EA	8" Diameter x 24" Deep PVC Ground Access Well Note: Schedule 40 with flat steel cover.	142.49	
26 05 26 00-0119	EA	10" Diameter x 24" Deep PVC Ground Access Well Note: Schedule 40 with flat steel cover.	152.52	
26 05 26 00-0120	EA	12" Diameter x 24" Deep PVC Ground Access Well Note: Schedule 40 with flat steel cover.	160.76	
26 05 26 00-0121	EA	8" Diameter x 24" Deep Schedule 40 PVC Ground Access Well, Plastic Cover	113.45	
26 05 26 00-0122	EA	10" Diameter x 24" Deep Schedule 40 PVC Ground Access Well, Plastic Cover	160.90	
26 05 26 00-0123	EA	8" Diameter x 42" Deep PVC Slotted Ground Access Well Note: Schedule 40 with flat steel cover.	272.65	
26 05 26 00-0124	EA	10" Diameter x 42" Deep PVC Slotted Ground Access Well Note: Schedule 40 with flat steel cover.	356.75	
26 05 26 00-0125	EA	8" Diameter x 42" Deep PVC Slotted Ground Access Well Note: Schedule 40 with plastic cover.	223.47	
26 05 26 00-0126	EA	10" Diameter x 42" Deep PVC Slotted Ground Access Well Note: Schedule 40 with plastic cover.	316.55	
26 05 26 00-0127	EA	10" Diameter x 36" Deep PVC Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	329.87	
26 05 26 00-0128	EA	10" Diameter x 42" Deep PVC Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	401.74	
26 05 26 00-0129	EA	12" Diameter x 12" Deep PVC Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	186.10	
26 05 26 00-0130	EA	12" Diameter x 24" Deep PVC Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	312.33	
26 05 26 00-0131	EA	12" Diameter x 30" Deep PVC Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	335.45	
26 05 26 00-0132		Polymer Concrete Ground Access Well *(26 05 26 00-0105)*		
26 05 26 00-0133	EA	12" x 12" x 12" Polymer Concrete Ground Access Well	282.09	
26 05 26 00-0134	EA	12" x 12" x 12" Heavy Duty Polymer Concrete Ground Access Well	308.14	
26 05 26 00-0135	EA	12" x 12" x 18" Polymer Concrete Ground Access Well	309.95	
26 05 26 00-0136	EA	12" x 12" x 18" Heavy Duty Polymer Concrete Ground Access Well	338.57	
26 05 26 00-0137	EA	12" x 12" x 24" Polymer Concrete Ground Access Well	338.84	
26 05 26 00-0138	EA	12" x 12" x 24" Heavy Duty Polymer Concrete Ground Access Well	370.26	
26 05 26 00-0139	EA	13" x 24" x 18" Polymer Concrete Ground Access Well	447.15	
26 05 26 00-0140	EA	13" x 24" x 18" Heavy Duty Polymer Concrete Ground Access Well	489.80	
26 05 26 00-0141		HDPE Ground Access Well *(26 05 26 00-0105)*		
26 05 26 00-0142	EA	9" Diameter x 10" Deep HDPE Ground Access Well Note: With cover.	110.13	
26 05 26 00-0143	EA	14" Diameter x 18" Deep HDPE Ground Access Well Note: With cover.	151.58	
26 05 26 00-0144		Ground Rod Clamps And Fittings *(26 05 26)*		
26 05 26 00-0145		Ground Rod Clamps *(26 05 26 00-0144)*		
26 05 26 00-0146	EA	1/2" Ground Rod Clamp	17.23	9.32
26 05 26 00-0147	EA	5/8" Ground Rod Clamp	18.10	9.32
26 05 26 00-0148	EA	3/4" Ground Rod Clamp	19.32	9.32
26 05 26 00-0149		Bronze Pipe Clamps *(26 05 26 00-0144)*		
26 05 26 00-0150	EA	1/2" To 1" Bronze Pipe Ground Clamps	22.58	15.49
26 05 26 00-0151	EA	1-1/4" To 2" Bronze Ground Clamps For Pipe	29.10	18.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0152	EA	2-1/2" To 3" Bronze Ground Clamps For Pipe	45.23	21.68
26 05 26 00-0153	EA	2-1/2" To 4" Bronze Ground Clamps For Pipe	54.88	27.86
26 05 26 00-0154	EA	4" To 6" Bronze Ground Clamps For Pipe	84.80	40.23

26 05 26 00-0155 Grounding Fittings *(26 05 26 00-0144)*

26 05 26 00-0156 Embedded Fittings *(26 05 26 00-0155)*

26 05 26 00-0157	EA	Ground Insert With 2 - 3/8 x 16 Holes #2-250 MCM Cable Range, Embedded	116.10	
26 05 26 00-0158	EA	Ground Insert With 4 - 3/8 x 16 Holes #2-250 MCM Cable Range, Embedded	123.94	
26 05 26 00-0159	EA	Ground Insert With 4 - 3/8 x 16 Holes 250-500 MCM Cable Range, Embedded	137.84	
26 05 26 00-0160	EA	Grounding Wire Splice, Copper To Aluminum, #8 - 1 AWG	109.87	
26 05 26 00-0161	EA	Grounding Wire Splice, Copper To Aluminum, 1/0 - 3/0 AWG	131.62	
26 05 26 00-0162	EA	Grounding Wire Splice, Copper To Aluminum, 4/0 - 300 MCM	154.49	
26 05 26 00-0163	EA	Grounding Wire Splice, Copper To Aluminum, 350 MCM And Up	174.39	

26 05 26 00-0164 Ground Rod Receptacle *(26 05 26 00-0155)*

26 05 26 00-0165	EA	1/2" Ground Rod Receptacle	251.34	85.74
26 05 26 00-0166	EA	5/8" Ground Rod Receptacle	263.14	88.16
26 05 26 00-0167	EA	3/4" Ground Rod Receptacle	275.17	90.55

26 05 26 00-0168 Ground Kits For Circuit Breaker Panels *(26 05 26 00-0155)*

26 05 26 00-0169	EA	14-8 AWG Copper Ground Kit	55.99	20.61
26 05 26 00-0170	EA	12-8 AWG Aluminum Ground Kit	47.85	20.61
26 05 26 00-0171	EA	14-4 AWG Copper Ground Kit	62.58	20.61
26 05 26 00-0172	EA	12-4 AWG Aluminum Ground Kit	52.49	20.61

26 05 26 00-0173 Insulated Grounding Bars *(26 05 26 00-0144)*

26 05 26 00-0174	EA	Insulated Ground Bar 1/2" x 4" x 10"	239.63	20.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.10*	
26 05 26 00-0175	EA	Insulated Ground Bar SK 9560 1/2" x 4" x 20"	252.36	20.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.10*	

26 05 26 00-0176 Ground Conductor Bonding *(26 05 26)*

26 05 26 00-0177 Ground Conductor Bonding *(26 05 26 00-0176)*

26 05 26 00-0178 Splice, Lug, Ground Rod, Rebar Or Structural Steel Cadweld *(26 05 26 00-0177)*

26 05 26 00-0179	EA	Up To #6 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	99.96	
26 05 26 00-0180	EA	#4 To #1 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	108.20	
26 05 26 00-0181	EA	1/0 To 4/0 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	116.44	
26 05 26 00-0182	EA	250 To 1000 MCM AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	165.91	

26 05 26 00-0183 Tee, Wye Or Cross Cadweld *(26 05 26 00-0177)*

26 05 26 00-0184	EA	Up To #6 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	112.32	
26 05 26 00-0185	EA	#4 To #1 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	128.81	
26 05 26 00-0186	EA	1/0 To 4/0 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	157.67	
26 05 26 00-0187	EA	250 To 1000 MCM AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	190.64	

26 05 26 00-0188 Grounding Equipment *(26 05 26)*

26 05 26 00-0189 Special Grounding Equipment *(26 05 26 00-0188)*

26 05 26 00-0190 Ground Reels And Ground Bus *(26 05 26 00-0189)*

26 05 26 00-0191	EA	Ground Reel With 50' Of Galvanized Steel Cable	578.09	

26 05 26 00-0192 Copper Bars *(26 05 26 00-0189)*

26 05 26 00-0193	LF	1/4" x 2" Copper Bar	33.10	

26 05 26 00-0194 Phenolic Insulators *(26 05 26 00-0189)*

26 05 26 00-0195	EA	2" x 2" x 1" Long Phenolic Insulators	22.40	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	

26 05 26 00-0196 Grounding Studs *(26 05 26 00-0189)*

26 05 26 00-0197	EA	Ball Grounding Stud	32.34	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.39*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0198		Equipment Ground Bar Kits *(26 05 26 00-0189)*		
26 05 26 00-0199	EA	Switch Rating 30 Ground Bar Kit	25.35	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 26 00-0200	EA	Switch Rating 60 Ground Bar Kit	32.73	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 26 00-0201	EA	Switch Rating 100 Ground Bar Kit	38.19	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 26 00-0202	EA	Switch Rating 200 Ground Bar Kit	67.54	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 05 26 00-0203		Panelboard Ground Bar Kits *(26 05 26 00-0189)*		
26 05 26 00-0204	EA	Panelboard Ground Bar Kit	99.67	6.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 26 00-0205		Circuit Breaker Ground Bar Kits *(26 05 26 00-0189)*		
26 05 26 00-0206	EA	3 Circuit, Ground Bar Kit	21.23	3.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 26 00-0207	EA	4 Circuit, Ground Bar Kit	20.82	3.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 26 00-0208	EA	7 Circuit, Ground Bar Kit	21.50	3.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 26 00-0209	EA	12 Circuit, Ground Bar Kit	24.37	4.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.20*	
26 05 26 00-0210	EA	20 Circuit, Ground Bar Kit	27.80	4.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 26 00-0211	EA	24 Circuit, Ground Bar Kit	30.67	5.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	
26 05 26 00-0212	EA	30 Circuit, Ground Bar Kit	34.23	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.93*	
26 05 26 00-0213	EA	54 Circuit, Ground Bar Kit	39.57	6.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 26 00-0214	EA	24 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	44.44	5.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	
26 05 26 00-0215	EA	30 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	49.09	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.93*	
26 05 26 00-0216	EA	54 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	54.57	6.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 29		**Hangers And Supports For Electrical Systems** *(26 05)*		
26 05 29 00-0001		Metal Framing Channel And Fittings *(26 05 29)*		
26 05 29 00-0002		Metal Framing Channel *(26 05 29 00-0001)*		
26 05 29 00-0003		14 Gauge Metal Framing Channels *(26 05 29 00-0002)*		
26 05 29 00-0004	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	12.48	3.77
26 05 29 00-0005		12 Gauge Metal Framing Channels *(26 05 29 00-0002)*		
26 05 29 00-0006	LF	1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	13.33	3.77
26 05 29 00-0007	LF	1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	14.58	3.77
26 05 29 00-0008	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	14.39	3.77
26 05 29 00-0009		Metal Framing Channel Fittings *(26 05 29 00-0001)*		
26 05 29 00-0010		Unistrut Channel Closure Strips And Caps *(26 05 29 00-0009)*		
26 05 29 00-0011	LF	Raceway Closure Strip For Unistrut Channel	3.70	0.41
26 05 29 00-0012	EA	End Cap For Unistrut Channel	9.39	4.13
26 05 29 00-0013		Flat Splice Plate, Unistrut Channel Fittings *(26 05 29 00-0009)*		
26 05 29 00-0014	EA	2-Hole, 3-1/4" Length, In-Line, Flat Splice Plate, Unistrut Channel Fitting	3.83	
26 05 29 00-0015	EA	3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, Unistrut Channel Fitting	3.81	
26 05 29 00-0016	EA	4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, Unistrut Channel Fitting	4.55	
26 05 29 00-0017		90 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0009)*		
26 05 29 00-0018	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, Unistrut Channel Fitting	3.72	
26 05 29 00-0019	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, Unistrut Channel Fitting	3.18	
26 05 29 00-0020	EA	3-Hole, 1-7/16" x 4-1/8", 90 Degree Angle, Unistrut Channel Fitting	5.21	
26 05 29 00-0021	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, Unistrut Channel Fitting	5.14	
26 05 29 00-0022		60 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0009)*		
26 05 29 00-0023	EA	2-Hole, 1-7/8" x 3-3/8", 60 Degree Angle, Unistrut Channel Fitting	7.29	
26 05 29 00-0024		U-Connector, Unistrut Channel Fittings *(26 05 29 00-0009)*		
26 05 29 00-0025	EA	3-Hole, 1-5/8" x 13/16", U-Connector, Unistrut Channel Fitting	4.61	
26 05 29 00-0026	EA	5-Hole, 1-5/8" x 1-5/8", U-Connector, Unistrut Channel Fitting	5.27	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0027		**Z-Bracket, Unistrut Channel Fittings** *(26 05 29 00-0009)*		
26 05 29 00-0028	EA	3-Hole, Z-Bracket, Unistrut Channel Fitting	7.47	
26 05 29 00-0029		**Unistrut Channel Pipe Clamps** *(26 05 29 00-0009)*		
		Note: Includes hex screw and nut.		
26 05 29 00-0030	EA	1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	3.28	1.23
26 05 29 00-0031	EA	3/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	3.29	1.23
26 05 29 00-0032	EA	1" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	3.36	1.23
26 05 29 00-0033	EA	1-1/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	4.26	1.66
26 05 29 00-0034	EA	1-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	4.59	1.66
26 05 29 00-0035	EA	2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	4.62	1.66
26 05 29 00-0036	EA	2-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.68	2.07
26 05 29 00-0037	EA	3" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.97	2.07
26 05 29 00-0038	EA	3-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.25	2.07
26 05 29 00-0039	EA	4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.35	2.07
26 05 29 00-0040		**Beam Clamps** *(26 05 29 00-0009)*		
26 05 29 00-0041	EA	Set Screw Beam Clamp, Unistrut Channel Fitting	23.48	7.54
26 05 29 00-0042	EA	"C" Beam Clamp Use With 1/2" Rod Metal Framing Channel Fittings	19.58	7.54
26 05 29 00-0043	EA	"U" Bolt Beam Clamp, Unistrut Channel Fitting	22.83	7.54
26 05 29 00-0044		**Square Washers For Unistrut Channel** *(26 05 29 00-0009)*		
26 05 29 00-0045	EA	1/2" Bolt Size, Square Washer For Unistrut Channel	2.74	
26 05 29 00-0046		**Strut Braces, Unistrut Channel Fittings** *(26 05 29 00-0009)*		
26 05 29 00-0047	EA	16" Diagonal Bar Brace For Unistrut Channel	19.85	
26 05 29 00-0048		**Trolley Hangers, Unistrut Channel Fittings** *(26 05 29 00-0009)*		
26 05 29 00-0049	EA	Trolley Track Hanger For Unistrut Channel	24.81	
26 05 29 00-0050		**Lock Nuts With Spring For Unistrut Channel** *(26 05 29 00-0009)*		
		Note: Includes hex bolt.		
26 05 29 00-0051	EA	1/4-20 Lock Nut With Spring For Unistrut Channel	5.24	
26 05 29 00-0052	EA	3/8-16 Lock Nut With Spring For Unistrut Channel	5.64	
26 05 29 00-0053	EA	1/2-13 Lock Nut With Spring For Unistrut Channel	5.93	
26 05 29 00-0054	EA	5/8-11 Lock Nut With Spring For Unistrut Channel	7.53	
26 05 29 00-0055		**Lock Nuts Without Spring For Unistrut Channel** *(26 05 29 00-0009)*		
		Note: Includes hex bolt.		
26 05 29 00-0056	EA	1/4-20 Lock Nut Without Spring For Unistrut Channel	5.25	
26 05 29 00-0057	EA	3/8-16 Lock Nut Without Spring For Unistrut Channel	5.69	
26 05 29 00-0058	EA	1/2-13 Lock Nut Without Spring For Unistrut Channel	5.96	
26 05 29 00-0059	EA	5/8-11 Lock Nut Without Spring For Unistrut Channel	7.99	
26 05 29 00-0060		**Mounting Assemblies** *(26 05 29)*		
26 05 29 00-0061		**Galvanized Steel Mounting Assemblies** *(26 05 29 00-0060)*		
26 05 29 00-0062		**Galvanized Steel Back Plate** *(26 05 29 00-0061)*		
26 05 29 00-0063	EA	1/4" x 4' x 4', Galvanized Steel Back Plate, Painted	314.03	49.47
26 05 29 00-0064	EA	3/8" x 14" x 16", Galvanized Steel Back Plate, Painted	78.54	16.49
26 05 29 00-0065	EA	3/16" x 30" x 48", Galvanized Steel Back Plate, Painted	198.74	41.22
26 05 29 00-0066		**Aluminum Mounting Assemblies** *(26 05 29 00-0060)*		
26 05 29 00-0067		**Aluminum Back Plate** *(26 05 29 00-0066)*		
26 05 29 00-0068	EA	3/16" x 2' x 2' Aluminum Back Plate	180.99	61.83
26 05 29 00-0069	EA	3/16" x 4' x 4' Aluminum Back Plate	421.81	61.83
26 05 29 00-0070		**Supports** *(26 05 29)*		
26 05 29 00-0071		**One Hole Steel Conduit Straps** *(26 05 29 00-0070)*		
26 05 29 00-0072	EA	1/2", One Hole Steel Conduit Strap	2.94	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.55*	
		For >500, Deduct	*-0.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0073	EA	3/4", One Hole Steel Conduit Strap	2.98	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.55*	
		For >500, Deduct	*-0.83*	
26 05 29 00-0074	EA	1", One Hole Steel Conduit Strap	3.16	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.84*	
26 05 29 00-0075	EA	1-1/4", One Hole Steel Conduit Strap	3.29	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.86*	
26 05 29 00-0076	EA	1-1/2", One Hole Steel Conduit Strap	3.38	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.87*	
26 05 29 00-0077	EA	2", One Hole Steel Conduit Strap	3.92	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.92*	
26 05 29 00-0078	EA	2-1/2", One Hole Steel Conduit Strap	4.48	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.67*	
		For >500, Deduct	*-0.98*	
26 05 29 00-0079	EA	3", One Hole Steel Conduit Strap	4.66	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-0.99*	
26 05 29 00-0080	EA	3-1/2", One Hole Steel Conduit Strap	5.57	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.75*	
		For >500, Deduct	*-1.09*	
26 05 29 00-0081	EA	4", One Hole Steel Conduit Strap	6.30	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.16*	

26 05 29 00-0082 One Hole Iron Conduit Straps *(26 05 29 00-0070)*

26 05 29 00-0083	EA	1/2", One Hole Iron Conduit Strap	3.03	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.56*	
		For >500, Deduct	*-0.83*	
26 05 29 00-0084	EA	3/4", One Hole Iron Conduit Strap	3.12	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.56*	
		For >500, Deduct	*-0.84*	
26 05 29 00-0085	EA	1", One Hole Iron Conduit Strap	3.28	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0086	EA	1-1/4", One Hole Iron Conduit Strap	3.65	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.89*	
26 05 29 00-0087	EA	1-1/2", One Hole Iron Conduit Strap	3.81	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.91*	
26 05 29 00-0088	EA	2", One Hole Iron Conduit Strap	4.76	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.00*	
26 05 29 00-0089	EA	2-1/2", One Hole Iron Conduit Strap	6.83	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.84*	
		For >500, Deduct	*-1.21*	
26 05 29 00-0090	EA	3", One Hole Iron Conduit Strap	8.54	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.97*	
		For >500, Deduct	*-1.38*	
26 05 29 00-0091	EA	3-1/2", One Hole Iron Conduit Strap	11.05	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.16*	
		For >500, Deduct	*-1.63*	
26 05 29 00-0092	EA	4", One Hole Iron Conduit Strap	21.11	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.59*	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.64*	
26 05 29 00-0093	EA	5", One Hole Iron Conduit Strap	26.51	
		For Work In Restricted Working Space, Add	*0.79*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.32*	
		For >500, Deduct	*-3.18*	

26 05 29 00-0094 Two Hole Steel Conduit Straps *(26 05 29 00-0070)*

26 05 29 00-0095	EA	1/2", Two Hole Steel Conduit Strap	3.37	
		For Work In Restricted Working Space, Add	*0.89*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.94*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.93*	
26 05 29 00-0096	EA	3/4", Two Hole Steel Conduit Strap	3.43	
		For Work In Restricted Working Space, Add	*0.89*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.94*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.94*	
26 05 29 00-0097	EA	1", Two Hole Steel Conduit Strap	3.46	
		For Work In Restricted Working Space, Add	*0.89*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.94*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.94*	
26 05 29 00-0098	EA	1-1/4", Two Hole Steel Conduit Strap	3.50	
		For Work In Restricted Working Space, Add	*0.89*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.94*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.94*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0099	EA	1-1/2", Two Hole Steel Conduit Strap	3.53	
		For Work In Restricted Working Space, Add	*0.89*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.94*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.64*	
		For >500, Deduct	*-0.95*	
26 05 29 00-0100	EA	2", Two Hole Steel Conduit Strap	3.60	
		For Work In Restricted Working Space, Add	*0.89*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.94*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.64*	
		For >500, Deduct	*-0.95*	
26 05 29 00-0101	EA	2-1/2", Two Hole Steel Conduit Strap	4.02	
		For Work In Restricted Working Space, Add	*0.89*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.94*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.67*	
		For >500, Deduct	*-1.00*	
26 05 29 00-0102	EA	3", Two Hole Steel Conduit Strap	4.11	
		For Work In Restricted Working Space, Add	*0.89*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.94*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-1.01*	
26 05 29 00-0103	EA	3-1/2", Two Hole Steel Conduit Strap	4.43	
		For Work In Restricted Working Space, Add	*0.89*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.94*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.04*	
26 05 29 00-0104	EA	4", Two Hole Steel Conduit Strap	4.65	
		For Work In Restricted Working Space, Add	*0.89*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.94*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.72*	
		For >500, Deduct	*-1.06*	
26 05 29 00-0105	EA	5", Two Hole Steel Conduit Strap	4.95	
		For Work In Restricted Working Space, Add	*0.89*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.94*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.74*	
		For >500, Deduct	*-1.09*	

26 05 29 00-0106 Clamp Back Spacers *(26 05 29 00-0070)*

26 05 29 00-0107	EA	1/2" Conduit, Clamp Back Spacer	2.58	
		For Work In Restricted Working Space, Add	*0.62*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.62*	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.45*	
		For >500, Deduct	*-0.67*	
26 05 29 00-0108	EA	3/4" Conduit, Clamp Back Spacer	2.76	
		For Work In Restricted Working Space, Add	*0.62*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.62*	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.46*	
		For >500, Deduct	*-0.69*	
26 05 29 00-0109	EA	1" Conduit, Clamp Back Spacer	2.92	
		For Work In Restricted Working Space, Add	*0.62*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.62*	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.48*	
		For >500, Deduct	*-0.70*	
26 05 29 00-0110	EA	1-1/4" Conduit, Clamp Back Spacer	3.55	
		For Work In Restricted Working Space, Add	*0.62*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.62*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.52*	
		For >500, Deduct	*-0.77*	
26 05 29 00-0111	EA	1-1/2" Conduit, Clamp Back Spacer	4.05	
		For Work In Restricted Working Space, Add	*0.62*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.62*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.56*	
		For >500, Deduct	*-0.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0112	EA	2" Conduit, Clamp Back Spacer	4.58	
		For Work In Restricted Working Space, Add	*0.62*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.62*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.87*	
26 05 29 00-0113	EA	2-1/2" Conduit, Clamp Back Spacer	6.74	
		For Work In Restricted Working Space, Add	*0.62*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.62*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.09*	
26 05 29 00-0114	EA	3" Conduit, Clamp Back Spacer	9.32	
		For Work In Restricted Working Space, Add	*0.62*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.62*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-0.96*	
		For >500, Deduct	*-1.34*	
26 05 29 00-0115	EA	3-1/2" Conduit, Clamp Back Spacer	11.83	
		For Work In Restricted Working Space, Add	*0.62*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.62*	
		For >50 To 100, Deduct	*-0.35*	
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.14*	
		For >500, Deduct	*-1.60*	
26 05 29 00-0116	EA	4" Conduit, Clamp Back Spacer	23.58	
		For Work In Restricted Working Space, Add	*0.62*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.62*	
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 250, Deduct	*-1.28*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.77*	
26 05 29 00-0117	EA	5" Conduit, Clamp Back Spacer	43.44	
		For Work In Restricted Working Space, Add	*0.62*	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.62*	
		For >50 To 100, Deduct	*-1.14*	
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-3.52*	
		For >500, Deduct	*-4.76*	

26 05 29 00-0118 Conduit Clips *(26 05 29 00-0070)*

Note: Push in or clip.

26 05 29 00-0119	EA	1/2" Conduit Clip	3.25	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.85*	
26 05 29 00-0120	EA	3/4" Conduit Clip	3.25	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.85*	
26 05 29 00-0121	EA	1" Conduit Clip	3.16	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.84*	
26 05 29 00-0122	EA	1-1/4" Conduit Clip	3.26	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.76*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.85*	

26 05 29 00-0123 Bolt And Nut Conduit Clips *(26 05 29 00-0070)*

26 05 29 00-0124	EA	3/4" Bolt And Nut Conduit Clip (Minerallac 1B)	4.10	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.93*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.72*	
		For >500, Deduct	*-1.07*	
26 05 29 00-0125	EA	1" Bolt And Nut Conduit Clip (Minerallac 2B)	4.24	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.93*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.08*	
26 05 29 00-0126	EA	1-1/4" Bolt And Nut Conduit Clip (Minerallac 2-1/2B)	4.52	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.98*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.78*	
		For >500, Deduct	*-1.15*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0127	EA	1-1/2" Bolt And Nut Conduit Clip (Minerallac 3B)	4.60	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.98*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.78*	
		For >500, Deduct	*-1.16*	
26 05 29 00-0128	EA	2" Bolt And Nut Conduit Clip (Minerallac 5B)	5.11	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.98*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.21*	
26 05 29 00-0129	EA	2-1/2" Bolt And Nut Conduit Clip (Minerallac 6B)	5.53	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.88*	
		For >500, Deduct	*-1.30*	
26 05 29 00-0130	EA	3" Bolt And Nut Conduit Clip (Minerallac 7B)	5.98	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.91*	
		For >500, Deduct	*-1.34*	
26 05 29 00-0131	EA	4" Bolt And Nut Conduit Clip (Minerallac 9B)	10.66	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*1.13*	
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.31*	
		For >500, Deduct	*-1.89*	

26 05 29 00-0132 Conduit Hanger From Flange, Wire Or Rod *(26 05 29 00-0070)*

Note: Bat wing.

26 05 29 00-0133	EA	1/2", Conduit Hanger From Flange, Wire Or Rod	2.32	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.59*	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.42*	
		For >500, Deduct	*-0.63*	
26 05 29 00-0134	EA	3/4", Conduit Hanger From Flange, Wire Or Rod	2.35	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.59*	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.42*	
		For >500, Deduct	*-0.63*	
26 05 29 00-0135	EA	1", Conduit Hanger From Flange, Wire Or Rod	2.43	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.59*	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.64*	
26 05 29 00-0136	EA	1-1/4", Conduit Hanger From Flange, Wire Or Rod	2.64	
		For Installation In Concrete (Includes Drilling And Fastener), Add	*0.59*	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.66*	

26 05 29 00-0137 Beam Flange Clamps *(26 05 29 00-0070)*

Note: For threaded rod, nut not required.

26 05 29 00-0138	EA	1/8" To 1/4" Flange Thickness, Beam Clamp (Caddy 6TA24)	3.22	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.50*	
		For >500, Deduct	*-0.73*	
26 05 29 00-0139	EA	5/16" To 1/2" Flange Thickness, Beam Clamp (Caddy 6TA58)	3.17	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.50*	
		For >500, Deduct	*-0.73*	
26 05 29 00-0140	EA	9/16" To 3/4" Flange Thickness, Beam Clamp (Caddy 6TA912)	3.49	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.52*	
		For >500, Deduct	*-0.76*	

26 05 29 00-0141 T-Bar Support Clips *(26 05 29 00-0070)*

26 05 29 00-0142	EA	9/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS95)	5.52	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.93*	
		For >500, Deduct	*-1.38*	
26 05 29 00-0143	EA	15/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS)	5.28	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.91*	
		For >500, Deduct	*-1.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0144	EA	15/16 Grid Size, Twist On T-Bar Support Clip (Caddy 4G16)	1.89	
		For >50 To 100, Deduct	*-0.07*	
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.27*	
		For >500, Deduct	*-0.40*	
26 05 29 00-0145	EA	24" Long Snap On T-Bar Electrical Box Hanger (Caddy 512)	14.05	
		For >50 To 100, Deduct	*-0.39*	
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.26*	
		For >500, Deduct	*-1.74*	

26 05 29 00-0146 Switch And Outlet Box Type Supports *(26 05 29 00-0070)*

26 05 29 00-0147	EA	1/4" To 3/4" Drywall Thickness, Adjustable Switch And Outlet Box Support (Caddy MFS)	3.77	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.49*	
		For >500, Deduct	*-0.71*	
26 05 29 00-0148	EA	1/2" Drywall Thickness, Riveted Switch And Outlet Box Support (Caddy MF500)	3.25	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.45*	
		For >500, Deduct	*-0.66*	
26 05 29 00-0149	EA	Flush, Riveted Switch And Outlet Box Support (Caddy MFO)	3.69	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.48*	
		For >500, Deduct	*-0.70*	
26 05 29 00-0150	EA	Snap On, Switch And Outlet Box Support (Caddy MSF)	2.50	
		For >50 To 100, Deduct	*-0.10*	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.39*	
		For >500, Deduct	*-0.58*	
26 05 29 00-0151	EA	1/4-20 Thread Impression, Switch And Outlet Box Support (Caddy MFI)	2.60	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.40*	
		For >500, Deduct	*-0.59*	

26 05 29 00-0152 Lighting Fix Hanger *(26 05 29 00-0070)*

Note: For existing or owner furnished fixtures.

26 05 29 00-0153	EA	Lay-In/Troffer, Straight Lip Type Fixture Support Clip (Caddy 515)	3.81	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.04*	
26 05 29 00-0154	PR	Support Bars For Recessed "High Hat" Light Fixtures (Caddy 517)	11.55	
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.82*	
26 05 29 00-0155	PR	Support Bars For Recessed "Lightolier" Light Fixtures (Caddy 520)	15.61	
		For >50 To 100, Deduct	*-0.47*	
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-2.22*	

26 05 29 00-0156 Rigid Steel Conduit Clamps For Unistrut Channel *(26 05 29 00-0070)*

26 05 29 00-0157	EA	1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	3.28	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.56*	
		For >500, Deduct	*-0.82*	
		For Work In Restricted Working Space, Add	*0.74*	
26 05 29 00-0158	EA	3/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	3.29	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.56*	
		For >500, Deduct	*-0.83*	
		For Work In Restricted Working Space, Add	*0.74*	
26 05 29 00-0159	EA	1" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	3.36	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.56*	
		For >500, Deduct	*-0.83*	
		For Work In Restricted Working Space, Add	*0.74*	
26 05 29 00-0160	EA	1-1/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	4.26	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.09*	
		For Work In Restricted Working Space, Add	*0.99*	
26 05 29 00-0161	EA	1-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	4.59	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.12*	
		For Work In Restricted Working Space, Add	*0.99*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0162	EA	2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	4.62	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.12*	
		For Work In Restricted Working Space, Add	*0.99*	
26 05 29 00-0163	EA	2-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.67	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.94*	
		For >500, Deduct	*-1.39*	
		For Work In Restricted Working Space, Add	*1.24*	
26 05 29 00-0164	EA	3" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.96	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.96*	
		For >500, Deduct	*-1.42*	
		For Work In Restricted Working Space, Add	*1.24*	
26 05 29 00-0165	EA	3-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.24	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.98*	
		For >500, Deduct	*-1.45*	
		For Work In Restricted Working Space, Add	*1.24*	
26 05 29 00-0166	EA	4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.34	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.99*	
		For >500, Deduct	*-1.46*	
		For Work In Restricted Working Space, Add	*1.24*	

26 05 29 00-0167 EMT Conduit Clamps For Unistrut Channel *(26 05 29 00-0070)*

26 05 29 00-0168	EA	1/2" Diameter, EMT Conduit Clamp For Unistrut Channel	3.49	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.85*	
		For Work In Restricted Working Space, Add	*0.74*	
26 05 29 00-0169	EA	3/4" Diameter, EMT Conduit Clamp For Unistrut Channel	3.47	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.84*	
		For Work In Restricted Working Space, Add	*0.74*	
26 05 29 00-0170	EA	1" Diameter, EMT Conduit Clamp For Unistrut Channel	3.43	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.84*	
		For Work In Restricted Working Space, Add	*0.74*	
26 05 29 00-0171	EA	1-1/4" Diameter, EMT Conduit Clamp For Unistrut Channel	4.52	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.75*	
		For >500, Deduct	*-1.11*	
		For Work In Restricted Working Space, Add	*0.99*	
26 05 29 00-0172	EA	1-1/2" Diameter, EMT Conduit Clamp For Unistrut Channel	5.09	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.79*	
		For >500, Deduct	*-1.17*	
		For Work In Restricted Working Space, Add	*0.99*	
26 05 29 00-0173	EA	2" Diameter, EMT Conduit Clamp For Unistrut Channel	5.12	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.17*	
		For Work In Restricted Working Space, Add	*0.99*	

26 05 29 00-0174 "J" Type Conduit Hangers *(26 05 29 00-0070)*

26 05 29 00-0175	EA	1/2", "J" Type Conduit Hanger (Unistrut J1205)	14.30	
		For >50 To 100, Deduct	*-0.50*	
		For >100 To 250, Deduct	*-1.00*	
		For >250 To 500, Deduct	*-1.79*	
		For >500, Deduct	*-2.58*	
		For Work In Restricted Working Space, Add	*1.73*	
26 05 29 00-0176	EA	3/4", "J" Type Conduit Hanger (Unistrut J1207)	14.45	
		For >50 To 100, Deduct	*-0.51*	
		For >100 To 250, Deduct	*-1.01*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.60*	
		For Work In Restricted Working Space, Add	*1.73*	
26 05 29 00-0177	EA	1", "J" Type Conduit Hanger (Unistrut J1210)	15.41	
		For >50 To 100, Deduct	*-0.55*	
		For >100 To 250, Deduct	*-1.10*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.86*	
		For Work In Restricted Working Space, Add	*1.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0178	EA	1-1/4", "J" Type Conduit Hanger (Unistrut J1212)	15.57	
		For >50 To 100, Deduct	*-0.55*	
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.88*	
		For Work In Restricted Working Space, Add	*1.98*	
26 05 29 00-0179	EA	1-1/2", "J" Type Conduit Hanger (Unistrut J1215)	16.51	
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-3.14*	
		For Work In Restricted Working Space, Add	*2.23*	
26 05 29 00-0180	EA	2", "J" Type Conduit Hanger (Unistrut J1220)	17.11	
		For >50 To 100, Deduct	*-0.61*	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-2.21*	
		For >500, Deduct	*-3.20*	
		For Work In Restricted Working Space, Add	*2.23*	
26 05 29 00-0181	EA	2-1/2", "J" Type Conduit Hanger (Unistrut J1225)	26.61	
		For >50 To 100, Deduct	*-0.87*	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-3.03*	
		For >500, Deduct	*-4.31*	
		For Work In Restricted Working Space, Add	*2.48*	
26 05 29 00-0182	EA	3", "J" Type Conduit Hanger (Unistrut J1230)	28.34	
		For >50 To 100, Deduct	*-0.94*	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-3.26*	
		For >500, Deduct	*-4.65*	
		For Work In Restricted Working Space, Add	*2.72*	
26 05 29 00-0183	EA	3-1/2", "J" Type Conduit Hanger (Unistrut J1235)	30.54	
		For >50 To 100, Deduct	*-1.01*	
		For >100 To 250, Deduct	*-2.02*	
		For >250 To 500, Deduct	*-3.53*	
		For >500, Deduct	*-5.03*	
		For Work In Restricted Working Space, Add	*2.97*	
26 05 29 00-0184	EA	4", "J" Type Conduit Hanger (Unistrut J1240)	39.93	
		For >50 To 100, Deduct	*-1.25*	
		For >100 To 250, Deduct	*-2.49*	
		For >250 To 500, Deduct	*-4.23*	
		For >500, Deduct	*-5.97*	
		For Work In Restricted Working Space, Add	*2.97*	
26 05 29 00-0185	EA	5", "J" Type Conduit Hanger (Unistrut J1250)	43.84	
		For >50 To 100, Deduct	*-1.36*	
		For >100 To 250, Deduct	*-2.73*	
		For >250 To 500, Deduct	*-4.63*	
		For >500, Deduct	*-6.53*	
		For Work In Restricted Working Space, Add	*3.21*	
26 05 29 00-0186	EA	6", "J" Type Conduit Hanger (Unistrut J1260)	61.25	
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 250, Deduct	*-3.68*	
		For >250 To 500, Deduct	*-6.14*	
		For >500, Deduct	*-8.60*	
		For Work In Restricted Working Space, Add	*3.71*	

26 05 29 00-0187 Between Studs Box Brackets *(26 05 29 00-0070)*

26 05 29 00-0188	EA	16" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB16A)	5.25	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.02*	
		For Work In Restricted Working Space, Add	*0.74*	
26 05 29 00-0189	EA	24" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB24A)	6.20	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.78*	
		For >500, Deduct	*-1.12*	
		For Work In Restricted Working Space, Add	*0.74*	

26 05 29 00-0190 Hangers And Brackets *(26 05 29 00-0070)*

26 05 29 00-0191	EA	Rod Hangers Only With 1/4" Thread Impression (Caddy 4TI)	2.01	
		For >50 To 100, Deduct	*-0.09*	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.36*	
		For >500, Deduct	*-0.53*	
26 05 29 00-0192	EA	Angle Bracket Only With 1/4" Hole (Caddy AB)	1.96	
		For >50 To 100, Deduct	*-0.09*	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.35*	
		For >500, Deduct	*-0.53*	
26 05 29 00-0193	EA	Offset Bracket Only With 1/4" Hole (Caddy AO)	1.96	
		For >50 To 100, Deduct	*-0.09*	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.35*	
		For >500, Deduct	*-0.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0194	EA	Angle Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIB)	2.53	
		For >50 To 100, Deduct	*-0.10*	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.40*	
		For >500, Deduct	*-0.58*	
26 05 29 00-0195	EA	Angle Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIB)	2.54	
		For >50 To 100, Deduct	*-0.10*	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.40*	
		For >500, Deduct	*-0.58*	
26 05 29 00-0196	EA	Angle Bracket Mount, 1/4" Or 3/8" Threaded Rod Hanger With Nut (Caddy 6TB)	2.48	
		For >50 To 100, Deduct	*-0.10*	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.39*	
		For >500, Deduct	*-0.58*	
26 05 29 00-0197	EA	Offset Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIO)	2.53	
		For >50 To 100, Deduct	*-0.10*	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.40*	
		For >500, Deduct	*-0.58*	
26 05 29 00-0198	EA	Offset Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIO)	2.54	
		For >50 To 100, Deduct	*-0.10*	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.40*	
		For >500, Deduct	*-0.58*	

26 05 29 00-0199 Clips And Accessories *(26 05 29 00-0070)*

26 05 29 00-0200	EA	1/2" Diameter Center, Bridle Ring (Caddy 2BR)	1.35	
		For >50 To 100, Deduct	*-0.06*	
		For >100 To 250, Deduct	*-0.12*	
		For >250 To 500, Deduct	*-0.23*	
		For >500, Deduct	*-0.34*	
26 05 29 00-0201	EA	3/4" Diameter Center, Bridle Ring (Caddy 2BR12)	1.37	
		For >50 To 100, Deduct	*-0.06*	
		For >100 To 250, Deduct	*-0.12*	
		For >250 To 500, Deduct	*-0.23*	
		For >500, Deduct	*-0.34*	
26 05 29 00-0202	EA	1-1/4" Diameter Center, Bridle Ring (Caddy 2BR20)	1.46	
		For >50 To 100, Deduct	*-0.06*	
		For >100 To 250, Deduct	*-0.12*	
		For >250 To 500, Deduct	*-0.24*	
		For >500, Deduct	*-0.35*	
26 05 29 00-0203	EA	2" Diameter Center, Bridle Ring (Caddy 2BR32)	1.64	
		For >50 To 100, Deduct	*-0.07*	
		For >100 To 250, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.25*	
		For >500, Deduct	*-0.37*	

26 05 29 00-0204 Wire Ties *(26 05 29 00-0070)*

Note: Per hundred (C).

26 05 29 00-0205	C	3" Length, 18# Tensile Strength, Nylon Cable Ties	11.35	
		For UV Black, Add	*0.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.58*	
26 05 29 00-0206	C	4" Length, 18# Tensile Strength, Nylon Cable Ties	11.45	
		For UV Black, Add	*0.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.58*	
26 05 29 00-0207	C	4-3/4" Length, 18# Tensile Strength, Nylon Cable Ties	11.53	
		For UV Black, Add	*0.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.58*	
26 05 29 00-0208	C	5-1/2" Length, 18# Tensile Strength, Nylon Cable Ties	11.56	
		For UV Black, Add	*0.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.58*	
26 05 29 00-0209	C	6-1/2" Length, 18# Tensile Strength, Nylon Cable Ties	11.97	
		For UV Black, Add	*0.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.69*	
26 05 29 00-0210	C	8" Length, 18# Tensile Strength, Nylon Cable Ties	14.70	
		For UV Black, Add	*0.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.82*	
26 05 29 00-0211	C	4-3/4" Length, 40# Tensile Strength, Nylon Cable Ties	14.29	
		For UV Black, Add	*0.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.58*	
26 05 29 00-0212	C	6" Length, 40# Tensile Strength, Nylon Cable Ties	14.72	
		For UV Black, Add	*0.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.69*	
26 05 29 00-0213	C	8" Length, 40# Tensile Strength, Nylon Cable Ties	15.16	
		For UV Black, Add	*0.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.82*	
26 05 29 00-0214	C	10" Length, 40# Tensile Strength, Nylon Cable Ties	23.42	
		For UV Black, Add	*2.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.04*	
26 05 29 00-0215	C	11-1/2" Length, 40# Tensile Strength, Nylon Cable Ties	24.62	
		For UV Black, Add	*2.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.04*	
26 05 29 00-0216	C	7" Length, 50# Tensile Strength, Nylon Cable Ties	16.00	
		For UV Black, Add	*0.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.82*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0217		C	8" Length, 50# Tensile Strength, Nylon Cable Ties	14.93	
			For UV Black, Add	*0.83*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.82*	
26 05 29 00-0218		C	11" Length, 50# Tensile Strength, Nylon Cable Ties	23.75	
			For UV Black, Add	*2.04*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.04*	
26 05 29 00-0219		C	14-1/2" Length, 50# Tensile Strength, Nylon Cable Ties	27.51	
			For UV Black, Add	*2.51*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.23*	
26 05 29 00-0220		C	8" Length, 120# Tensile Strength, Nylon Cable Ties	27.37	
			For UV Black, Add	*2.70*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.82*	
26 05 29 00-0221		C	11" Length, 120# Tensile Strength, Nylon Cable Ties	30.03	
			For UV Black, Add	*2.99*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.04*	
26 05 29 00-0222		C	15" Length, 120# Tensile Strength, Nylon Cable Ties	36.94	
			For UV Black, Add	*3.93*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.23*	
26 05 29 00-0223		C	17" Length, 120# Tensile Strength, Nylon Cable Ties	54.37	
			For UV Black, Add	*6.44*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.44*	
26 05 29 00-0224		C	17-3/4" Length, 175# Tensile Strength, Nylon Cable Ties	52.54	
			For UV Black, Add	*6.16*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.44*	
26 05 29 00-0225		C	21-11/16" Length, 175# Tensile Strength, Nylon Cable Ties	64.79	
			For UV Black, Add	*7.92*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.60*	
26 05 29 00-0226		C	30" Length, 175# Tensile Strength, Nylon Cable Ties	75.51	
			For UV Black, Add	*9.44*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.78*	
26 05 29 00-0227		C	46" Length, 175# Tensile Strength, Nylon Cable Ties	104.99	
			For UV Black, Add	*13.71*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.07*	
26 05 29 00-0228		C	3/4" x 3/4" Self Adhesive Tie Mounts	27.15	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.74*	
26 05 29 00-0229		C	1.1" x 1.1" Tie Mounts With Screw	53.95	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.48*	
26 05 29 00-0230		EA	6" Length x 1/2" Width, Velcro Grip Cable Tie	1.27	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.12*	
26 05 29 00-0231		EA	8" Length x 1/2" Width, Velcro Grip Cable Tie	1.26	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.10*	
26 05 29 00-0232		EA	12" Length x 1/2" Width, Velcro Grip Cable Tie	1.52	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.10*	
26 05 29 00-0233		EA	15" Length x 3/4" Width, Velcro Grip Cable Tie	2.10	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.10*	
26 05 29 00-0234		EA	180" Length x 3/4" Width, Velcro Grip Cable Tie Roll	52.12	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.77*	

26 05 29 00-0235 Fastening Devices For Wireway And Conduit *(26 05 29)*

Note: Bolts include drilling of holes with power tools in concrete, brick, concrete block, wood, tile or steel and alignment of hangers and supports.

26 05 29 00-0236 Toggle Bolts *(26 05 29 00-0235)*

Note: Includes machine screw, toggle wing and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0237		EA	1/8" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt	6.33	
			For >50 To 100, Deduct	*-0.61*	
			For >100 To 250, Deduct	*-1.22*	
			For >250 To 500, Deduct	*-2.13*	
			For >500, Deduct	*-3.05*	
26 05 29 00-0238		EA	1/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	6.50	
			For >50 To 100, Deduct	*-0.63*	
			For >100 To 250, Deduct	*-1.25*	
			For >250 To 500, Deduct	*-2.19*	
			For >500, Deduct	*-3.12*	
26 05 29 00-0239		EA	3/16" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt	6.83	
			For >50 To 100, Deduct	*-0.65*	
			For >100 To 250, Deduct	*-1.29*	
			For >250 To 500, Deduct	*-2.26*	
			For >500, Deduct	*-3.22*	
26 05 29 00-0240		EA	3/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	7.00	
			For >50 To 100, Deduct	*-0.66*	
			For >100 To 250, Deduct	*-1.32*	
			For >250 To 500, Deduct	*-2.31*	
			For >500, Deduct	*-3.30*	
26 05 29 00-0241		EA	1/4" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	7.16	
			For >50 To 100, Deduct	*-0.68*	
			For >100 To 250, Deduct	*-1.35*	
			For >250 To 500, Deduct	*-2.36*	
			For >500, Deduct	*-3.37*	
26 05 29 00-0242		EA	5/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	7.95	
			For >50 To 100, Deduct	*-0.71*	
			For >100 To 250, Deduct	*-1.42*	
			For >250 To 500, Deduct	*-2.46*	
			For >500, Deduct	*-3.51*	
26 05 29 00-0243		EA	3/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	8.25	
			For >50 To 100, Deduct	*-0.73*	
			For >100 To 250, Deduct	*-1.45*	
			For >250 To 500, Deduct	*-2.53*	
			For >500, Deduct	*-3.60*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0244		Machine Screws *(26 05 29 00-0235)* Note: Includes drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0245	EA	#8 Diameter, 2" Length, Zinc Plated Steel, Machine Screw	1.87	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.64*	
		For >500, Deduct	*-0.92*	
26 05 29 00-0246	EA	#10 Diameter, 2" Length, Zinc Plated Steel, Machine Screw	1.90	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.64*	
		For >500, Deduct	*-0.92*	
26 05 29 00-0247	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	2.39	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.81*	
		For >500, Deduct	*-1.16*	
26 05 29 00-0248	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	2.48	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.17*	
26 05 29 00-0249	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	3.04	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.98*	
		For >500, Deduct	*-1.40*	
26 05 29 00-0250		Hex Lag Bolts With Lag Shield Expansion Anchors *(26 05 29 00-0235)* Note: Includes lag bolt, lag shield expansion anchor and drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0251	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	2.94	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.21*	
26 05 29 00-0252	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	2.91	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.21*	
26 05 29 00-0253	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	4.02	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.06*	
		For >500, Deduct	*-1.50*	
26 05 29 00-0254	EA	1/2" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	5.05	
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.26*	
		For >500, Deduct	*-1.78*	
26 05 29 00-0255		Hanger Lag Bolts With Hex Nuts *(26 05 29 00-0235)* Note: Includes hanger lag bolt (threaded one side), hex nut and drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0256	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	2.20	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.67*	
		For >500, Deduct	*-0.95*	
26 05 29 00-0257	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	2.23	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.67*	
		For >500, Deduct	*-0.95*	
26 05 29 00-0258	EA	3/8" Diameter, 2-1/2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	2.64	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.08*	
26 05 29 00-0259		Hollow Wall Screw Anchors *(26 05 29 00-0235)*		
26 05 29 00-0260	EA	6-32 Screw Size, 5/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.31	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.40*	
		For >500, Deduct	*-0.57*	
26 05 29 00-0261	EA	6-32 Screw Size, 5/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.34	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.40*	
		For >500, Deduct	*-0.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0262	EA	6-32 Screw Size, 5/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.40	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.41*	
		For >500, Deduct	*-0.58*	
26 05 29 00-0263	EA	10-24 Screw Size, 3/8" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.75	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.48*	
		For >500, Deduct	*-0.69*	
26 05 29 00-0264	EA	10-24 Screw Size, 3/8" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.82	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.49*	
		For >500, Deduct	*-0.69*	
26 05 29 00-0265	EA	10-24 Screw Size, 3/8" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.84	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.49*	
		For >500, Deduct	*-0.70*	
26 05 29 00-0266	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.86	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.49*	
		For >500, Deduct	*-0.70*	
26 05 29 00-0267	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.96	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.50*	
		For >500, Deduct	*-0.71*	
26 05 29 00-0268	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.00	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.50*	
		For >500, Deduct	*-0.71*	

26 05 29 00-0269 Lead Screw Anchors *(26 05 29 00-0235)*

Note: Includes screw.

26 05 29 00-0270	EA	#6-8 Screw Size, 1/4" Hole Diameter, Lead Screw Anchor With Screw	3.09	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.00*	
		For >500, Deduct	*-1.43*	
26 05 29 00-0271	EA	#10-14 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	3.65	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-1.17*	
		For >500, Deduct	*-1.67*	
26 05 29 00-0272	EA	#16-18 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	4.89	
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 250, Deduct	*-0.86*	
		For >250 To 500, Deduct	*-1.50*	
		For >500, Deduct	*-2.14*	

26 05 29 00-0273 Acoustical T-Bar Clips *(26 05 29 00-0235)*

Note: For conduit installation above suspended ceilings up to 15' height.

26 05 29 00-0274	EA	1/2" Conduit, Push-In Acoustical T-Bar Clip	4.76	
		For >50 To 100, Deduct	*-0.38*	
		For >100 To 250, Deduct	*-0.76*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.88*	
26 05 29 00-0275	EA	3/4" Conduit, Push-In Acoustical T-Bar Clip	5.00	
		For >50 To 100, Deduct	*-0.40*	
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.98*	
26 05 29 00-0276	EA	1" Conduit, Push-In Acoustical T-Bar Clip	5.41	
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 250, Deduct	*-0.86*	
		For >250 To 500, Deduct	*-1.48*	
		For >500, Deduct	*-2.10*	

26 05 29 00-0277 Threaded Rod, Accessories And Attachments *(26 05 29)*

26 05 29 00-0278 Threaded Rod And Rod Accessories *(26 05 29 00-0277)*

26 05 29 00-0279 Carbon Steel Threaded Rod *(26 05 29 00-0278)*

Note: Includes plain finish.

26 05 29 00-0280	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.48	0.52
		For Galvanized, Add	*0.58*	
		For Zinc Coated, Add	*0.41*	
26 05 29 00-0281	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.40	0.55
		For Galvanized, Add	*0.92*	
		For Zinc Coated, Add	*0.66*	
26 05 29 00-0282	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.72	0.57
		For Galvanized, Add	*1.43*	
		For Zinc Coated, Add	*1.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0283	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.67	0.58
		For Galvanized, Add	*2.60*	
		For Zinc Coated, Add	*1.85*	
26 05 29 00-0284	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	8.35	0.60
		For Galvanized, Add	*2.86*	
		For Zinc Coated, Add	*2.03*	
26 05 29 00-0285	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	11.41	0.68
		For Galvanized, Add	*4.01*	
		For Zinc Coated, Add	*2.86*	
26 05 29 00-0286	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	14.18	0.76
		For Galvanized, Add	*5.06*	
		For Zinc Coated, Add	*3.61*	

26 05 29 00-0287 Threaded Rod Couplings *(26 05 29 00-0278)*

26 05 29 00-0288	EA	3/8" Diameter, Threaded Rod Coupling Nut	6.38
26 05 29 00-0289	EA	1/2" Diameter, Threaded Rod Coupling Nut	7.22
26 05 29 00-0290	EA	5/8" Diameter, Threaded Rod Coupling Nut	8.86
26 05 29 00-0291	EA	3/4" Diameter, Threaded Rod Coupling Nut	10.60
26 05 29 00-0292	EA	7/8" Diameter, Threaded Rod Coupling Nut	14.91
26 05 29 00-0293	EA	1" Diameter, Threaded Rod Coupling Nut	17.65
26 05 29 00-0294	EA	1-1/8" Diameter, Threaded Rod Coupling Nut	32.06

26 05 29 00-0295 Flat Washers *(26 05 29 00-0278)*

26 05 29 00-0296	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.55	0.21
		For Galvanized, Add	*0.02*	
26 05 29 00-0297	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.68	0.21
		For Galvanized, Add	*0.04*	
26 05 29 00-0298	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.87	0.21
		For Galvanized, Add	*0.08*	
26 05 29 00-0299	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.04	0.41
		For Galvanized, Add	*0.12*	
26 05 29 00-0300	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.16	0.41
		For Galvanized, Add	*0.14*	
26 05 29 00-0301	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.37	0.41
		For Galvanized, Add	*0.17*	
26 05 29 00-0302	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.53	0.41
		For Galvanized, Add	*0.19*	

26 05 29 00-0303 Malleable Iron Eye Sockets *(26 05 29 00-0278)*

Note: Type 16.

26 05 29 00-0304	EA	3/8" Rod Size, Malleable Iron Eye Socket	7.01
26 05 29 00-0305	EA	1/2" Rod Size, Malleable Iron Eye Socket	8.34
26 05 29 00-0306	EA	5/8" Rod Size, Malleable Iron Eye Socket	14.27
26 05 29 00-0307	EA	3/4" Rod Size, Malleable Iron Eye Socket	20.20
26 05 29 00-0308	EA	7/8" Rod Size, Malleable Iron Eye Socket	21.55

26 05 29 00-0309 Hex Nuts *(26 05 29 00-0278)*

26 05 29 00-0310	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.53	0.21
		For Galvanized, Add	*0.02*	
26 05 29 00-0311	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.65	0.21
		For Galvanized, Add	*0.04*	
26 05 29 00-0312	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.87	0.21
		For Galvanized, Add	*0.08*	
26 05 29 00-0313	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.01	0.41
		For Galvanized, Add	*0.11*	
26 05 29 00-0314	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.42	0.41
		For Galvanized, Add	*0.21*	
26 05 29 00-0315	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.81	0.41
		For Galvanized, Add	*0.28*	
26 05 29 00-0316	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.88	0.41
		For Galvanized, Add	*0.53*	

26 05 29 00-0317 Forged Steel Turnbuckles *(26 05 29 00-0278)*

Note: Type 13.

26 05 29 00-0318	EA	3/8" Thread Diameter, Forged Steel Turnbuckle Body	17.43
26 05 29 00-0319	EA	1/2" Thread Diameter, Forged Steel Turnbuckle Body	21.36
26 05 29 00-0320	EA	5/8" Thread Diameter, Forged Steel Turnbuckle Body	28.26
26 05 29 00-0321	EA	3/4" Thread Diameter, Forged Steel Turnbuckle Body	34.81
26 05 29 00-0322	EA	7/8" Thread Diameter, Forged Steel Turnbuckle Body	83.10
26 05 29 00-0323	EA	1" Thread Diameter, Forged Steel Turnbuckle Body	56.55
26 05 29 00-0324	EA	1-1/4" Thread Diameter, Forged Steel Turnbuckle Body	111.58

26 05 29 00-0325 Welded Eye Rod *(26 05 29 00-0278)*

26 05 29 00-0326	EA	3/8" Diameter, Welded Eye Rod	22.20
26 05 29 00-0327	EA	1/2" Diameter, Welded Eye Rod	25.93
26 05 29 00-0328	EA	5/8" Diameter, Welded Eye Rod	33.24
26 05 29 00-0329	EA	3/4" Diameter, Welded Eye Rod	44.60
26 05 29 00-0330	EA	7/8" Diameter, Welded Eye Rod	63.93
26 05 29 00-0331	EA	1" Diameter, Welded Eye Rod	84.20

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0332		**Welded Linked Eye Rods** *(26 05 29 00-0278)*		
26 05 29 00-0333	EA	3/8" Diameter, Welded Linked Eye Rods	20.78	
26 05 29 00-0334	EA	1/2" Diameter, Welded Linked Eye Rods	23.86	
26 05 29 00-0335	EA	5/8" Diameter, Welded Linked Eye Rods	29.13	
26 05 29 00-0336	EA	3/4" Diameter, Welded Linked Eye Rods	38.04	
26 05 29 00-0337	EA	7/8" Diameter, Welded Linked Eye Rods	48.57	
26 05 29 00-0338	EA	1" Diameter, Welded Linked Eye Rods	69.35	
26 05 29 00-0339		**Attachments** *(26 05 29 00-0277)*		
26 05 29 00-0340		**Welded Beam Attachments** *(26 05 29 00-0339)*		
		Note: Type 22.		
26 05 29 00-0341	EA	3/8" Rod Size, Welded Beam Attachment	32.22	8.25
26 05 29 00-0342	EA	1/2" Rod Size, Welded Beam Attachment	34.32	8.66
26 05 29 00-0343	EA	5/8" Rod Size, Welded Beam Attachment	36.51	9.15
26 05 29 00-0344	EA	3/4" Rod Size, Welded Beam Attachment	45.74	9.73
26 05 29 00-0345	EA	7/8" Rod Size, Welded Beam Attachment	54.32	10.30
26 05 29 00-0346	EA	1" Rod Size, Welded Beam Attachment	75.01	11.79
26 05 29 00-0347	EA	1-1/8" Rod Size, Welded Beam Attachment	104.42	12.37
26 05 29 00-0348		**C-Clamp Style Beam Clamps** *(26 05 29 00-0339)*		
		Note: Type 23. Top or bottom flange mount.		
26 05 29 00-0349	EA	3/8" Rod Size, C-Clamp Style Beam Clamp	12.24	6.19
26 05 29 00-0350	EA	1/2" Rod Size, C-Clamp Style Beam Clamp	14.34	6.61
26 05 29 00-0351	EA	5/8" Rod Size, C-Clamp Style Beam Clamp	16.13	7.08
26 05 29 00-0352	EA	3/4" Rod Size, C-Clamp Style Beam Clamp	20.22	7.62
26 05 29 00-0353	EA	7/8" Rod Size, C-Clamp Style Beam Clamp	28.36	8.26
26 05 29 00-0354		**Bottom Mount I-Beam Clamps** *(26 05 29 00-0339)*		
		Note: Type 21. For attaching threaded rod centered under beam flanges.		
26 05 29 00-0355	EA	3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	30.65	8.26
26 05 29 00-0356	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	43.96	9.01
26 05 29 00-0357	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	61.77	9.91
26 05 29 00-0358	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	73.64	11.01
26 05 29 00-0359	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	173.30	12.39
26 05 29 00-0360		**Steel U-Bolts** *(26 05 29 00-0339)*		
		Note: Type 24. Includes plate and nuts.		
26 05 29 00-0361	EA	1/2" Pipe Size, Zinc Plated Steel, U-Bolt	9.95	4.96
26 05 29 00-0362	EA	3/4" Pipe Size, Zinc Plated Steel, U-Bolt	10.74	5.22
26 05 29 00-0363	EA	1" Pipe Size, Zinc Plated Steel, U-Bolt	11.52	5.50
26 05 29 00-0364	EA	1-1/4" Pipe Size, Zinc Plated Steel, U-Bolt	12.95	5.83
26 05 29 00-0365	EA	1-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	13.43	6.19
26 05 29 00-0366	EA	2" Pipe Size, Zinc Plated Steel, U-Bolt	14.37	6.61
26 05 29 00-0367	EA	2-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	19.84	7.08
26 05 29 00-0368	EA	3" Pipe Size, Zinc Plated Steel, U-Bolt	21.82	7.62
26 05 29 00-0369	EA	4" Pipe Size, Zinc Plated Steel, U-Bolt	26.01	8.26
26 05 29 00-0370		**Stainless Steel Threaded Rod** *(26 05 29 00-0277)*		
26 05 29 00-0371	LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	1.95	0.41
		For 316 Stainless Steel, Add	*0.46*	
26 05 29 00-0372	LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	2.84	0.45
		For 316 Stainless Steel, Add	*0.79*	
26 05 29 00-0373	LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	3.61	0.52
		For 316 Stainless Steel, Add	*1.04*	
26 05 29 00-0374	LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	4.90	0.53
		For 316 Stainless Steel, Add	*1.56*	
26 05 29 00-0375	LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	5.83	0.55
		For 316 Stainless Steel, Add	*1.92*	
26 05 29 00-0376	LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	8.57	0.56
		For 316 Stainless Steel, Add	*3.02*	
26 05 29 00-0377	LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	11.88	0.57
		For 316 Stainless Steel, Add	*4.35*	
26 05 29 00-0378	LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	16.22	0.58
		For 316 Stainless Steel, Add	*6.10*	
26 05 29 00-0379	LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod	20.81	0.68
		For 316 Stainless Steel, Add	*7.87*	
26 05 29 00-0380	LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	43.67	0.82
		For 316 Stainless Steel, Add	*16.99*	
26 05 29 00-0381		**PVC Coated Supports** *(26 05 29)*		
		Note: Includes stainless steel and/or PVC coated hardware.		
26 05 29 00-0382		**PVC Coated Beam Clamps** *(26 05 29 00-0381)*		
26 05 29 00-0383		**Right Angle, PVC Coated Beam Clamps** *(26 05 29 00-0382)*		
26 05 29 00-0384	EA	1/2", Right Angle, PVC Coated Beam Clamp	40.21	16.49
26 05 29 00-0385	EA	3/4", Right Angle, PVC Coated Beam Clamp	43.73	17.97
26 05 29 00-0386	EA	1", Right Angle, PVC Coated Beam Clamp	46.89	19.78
26 05 29 00-0387	EA	1-1/4", Right Angle, PVC Coated Beam Clamp	55.56	22.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0388	EA	1-1/2", Right Angle, PVC Coated Beam Clamp	63.92	24.74
26 05 29 00-0389	EA	2", Right Angle, PVC Coated Beam Clamp	75.53	27.21
26 05 29 00-0390	EA	2-1/2", Right Angle, PVC Coated Beam Clamp	82.57	29.68
26 05 29 00-0391	EA	3", Right Angle, PVC Coated Beam Clamp	90.72	32.15
26 05 29 00-0392	EA	3-1/2", Right Angle, PVC Coated Beam Clamp	96.07	34.63
26 05 29 00-0393	EA	4", Right Angle, PVC Coated Beam Clamp	103.71	37.10
26 05 29 00-0394		Parallel, PVC Coated Beam Clamps *(26 05 29 00-0382)*		
26 05 29 00-0395	EA	1/2", Parallel, PVC Coated Beam Clamp	42.67	16.49
26 05 29 00-0396	EA	3/4", Parallel, PVC Coated Beam Clamp	45.40	17.97
26 05 29 00-0397	EA	1", Parallel, PVC Coated Beam Clamp	51.88	19.78
26 05 29 00-0398	EA	1-1/4", Parallel, PVC Coated Beam Clamp	57.33	22.01
26 05 29 00-0399	EA	1-1/2", Parallel, PVC Coated Beam Clamp	64.61	24.74
26 05 29 00-0400	EA	2", Parallel, PVC Coated Beam Clamp	74.34	27.21
26 05 29 00-0401	EA	2-1/2", Parallel, PVC Coated Beam Clamp	84.79	29.68
26 05 29 00-0402	EA	3", Parallel, PVC Coated Beam Clamp	93.66	32.15
26 05 29 00-0403	EA	3-1/2", Parallel, PVC Coated Beam Clamp	99.77	34.63
26 05 29 00-0404	EA	4", Parallel, PVC Coated Beam Clamp	104.20	37.10
26 05 29 00-0405		Edge, PVC Coated Beam Clamps *(26 05 29 00-0382)*		
26 05 29 00-0406	EA	1/2", Edge, PVC Coated Beam Clamp	40.61	16.33
26 05 29 00-0407	EA	3/4", Edge, PVC Coated Beam Clamp	43.76	17.81
26 05 29 00-0408	EA	1", Edge, PVC Coated Beam Clamp	49.39	19.78
26 05 29 00-0409	EA	1-1/4", Edge, PVC Coated Beam Clamp	57.38	21.77
26 05 29 00-0410	EA	1-1/2", Edge, PVC Coated Beam Clamp	73.32	24.74
26 05 29 00-0411	EA	2", Edge, PVC Coated Beam Clamp	80.42	27.21
26 05 29 00-0412		PVC Coated Conduit Straps *(26 05 29 00-0381)*		
26 05 29 00-0413		One Hole, PVC Coated Steel Conduit Straps *(26 05 29 00-0412)*		
26 05 29 00-0414	EA	1/2", One Hole, PVC Coated Steel Conduit Strap	4.32	0.49
26 05 29 00-0415	EA	3/4", One Hole, PVC Coated Steel Conduit Strap	4.67	0.49
26 05 29 00-0416	EA	1", One Hole, PVC Coated Steel Conduit Strap	6.78	0.49
26 05 29 00-0417	EA	1-1/4", One Hole, PVC Coated Steel Conduit Strap	8.20	0.49
26 05 29 00-0418	EA	1-1/2", One Hole, PVC Coated Steel Conduit Strap	10.73	0.49
26 05 29 00-0419	EA	2", One Hole, PVC Coated Steel Conduit Strap	16.01	0.49
26 05 29 00-0420	EA	2-1/2", One Hole, PVC Coated Steel Conduit Strap	21.26	0.49
26 05 29 00-0421	EA	3", One Hole, PVC Coated Steel Conduit Strap	28.42	0.49
26 05 29 00-0422	EA	3-1/2", One Hole, PVC Coated Steel Conduit Strap	50.14	0.49
26 05 29 00-0423	EA	4", One Hole, PVC Coated Steel Conduit Strap	53.27	0.49
26 05 29 00-0424		Two Hole, PVC Coated Steel Conduit Straps *(26 05 29 00-0412)*		
26 05 29 00-0425	EA	1/2", Two Hole, PVC Coated Steel Conduit Strap	8.53	0.99
26 05 29 00-0426	EA	3/4", Two Hole, PVC Coated Steel Conduit Strap	8.57	0.99
26 05 29 00-0427	EA	1", Two Hole, PVC Coated Steel Conduit Strap	8.78	0.99
26 05 29 00-0428	EA	1-1/4", Two Hole, PVC Coated Steel Conduit Strap	10.94	0.99
26 05 29 00-0429	EA	1-1/2", Two Hole, PVC Coated Steel Conduit Strap	11.24	0.99
26 05 29 00-0430	EA	2", Two Hole, PVC Coated Steel Conduit Strap	12.84	0.99
26 05 29 00-0431	EA	2-1/2", Two Hole, PVC Coated Steel Conduit Strap	14.38	0.99
26 05 29 00-0432	EA	3", Two Hole, PVC Coated Steel Conduit Strap	15.02	0.99
26 05 29 00-0433	EA	3-1/2", Two Hole, PVC Coated Steel Conduit Strap	16.02	0.99
26 05 29 00-0434	EA	4", Two Hole, PVC Coated Steel Conduit Strap	17.34	0.99
26 05 29 00-0435		PVC Coated Clamp Back Spacer *(26 05 29 00-0381)*		
26 05 29 00-0436		PVC Coated Clamp Back Spacer *(26 05 29 00-0435)*		
26 05 29 00-0437	EA	1/2" PVC Coated Clamp Back Spacer	7.77	0.99
26 05 29 00-0438	EA	3/4" PVC Coated Clamp Back Spacer	8.98	0.99
26 05 29 00-0439	EA	1" PVC Coated Clamp Back Spacer	11.19	0.99
26 05 29 00-0440	EA	1-1/4" PVC Coated Clamp Back Spacer	13.02	0.99
26 05 29 00-0441	EA	1-1/2" PVC Coated Clamp Back Spacer	17.31	0.99
26 05 29 00-0442	EA	2" PVC Coated Clamp Back Spacer	29.54	0.99
26 05 29 00-0443	EA	2-1/2" PVC Coated Clamp Back Spacer	41.92	0.99
26 05 29 00-0444	EA	3" PVC Coated Clamp Back Spacer	57.11	0.99
26 05 29 00-0445	EA	3-1/2" PVC Coated Clamp Back Spacer	99.66	0.99
26 05 29 00-0446	EA	4" PVC Coated Clamp Back Spacer	99.66	0.99
26 05 29 00-0447		PVC Coated Threaded Rod And Accessories *(26 05 29 00-0381)*		
26 05 29 00-0448		PVC Coated Threaded Rod *(26 05 29 00-0447)*		
26 05 29 00-0449	LF	3/8" Diameter, PVC Coated Threaded Rod	5.33	0.66
26 05 29 00-0450	LF	1/2" Diameter, PVC Coated Threaded Rod	6.55	0.74
26 05 29 00-0451		Attachments *(26 05 29 00-0381)*		
26 05 29 00-0452		PVC Coated U-Bolts And Encapsulation Nuts *(26 05 29 00-0451)*		
26 05 29 00-0453	EA	1/2" PVC Coated U-Bolt And Encapsulated Nuts	11.90	4.96
26 05 29 00-0454	EA	3/4" PVC Coated U-Bolt And Encapsulated Nuts	12.33	5.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0455	EA	1" PVC Coated U-Bolt And Encapsulated Nuts	13.00	5.53
26 05 29 00-0456	EA	1-1/4" PVC Coated U-Bolt And Encapsulated Nuts	13.82	5.86
26 05 29 00-0457	EA	1-1/2" PVC Coated U-Bolt And Encapsulated Nuts	14.71	6.19
26 05 29 00-0458	EA	2" PVC Coated U-Bolt And Encapsulated Nuts	16.39	6.61
26 05 29 00-0459	EA	2-1/2" PVC Coated U-Bolt And Encapsulated Nuts	22.67	7.10
26 05 29 00-0460	EA	3" PVC Coated U-Bolt And Encapsulated Nuts	23.86	7.60
26 05 29 00-0461	EA	4" PVC Coated U-Bolt And Encapsulated Nuts	25.48	8.26
26 05 29 00-0462	EA	5" PVC Coated U-Bolt And Encapsulated Nuts	39.93	9.42
26 05 29 00-0463	EA	6" PVC Coated U-Bolt And Encapsulated Nuts	49.17	10.90
26 05 29 00-0464		PVC Coated Hanger Rod Beam Clamps *(26 05 29 00-0451)*		
26 05 29 00-0465	EA	1/4"-20 Hole, 15/16" Jaw, PVC Coated Hanger Rod Beam Clamp	40.97	16.33
26 05 29 00-0466	EA	5/16"-18 Hole, 7/8" Jaw, PVC Coated Hanger Rod Beam Clamp	46.83	16.33
26 05 29 00-0467	EA	3/8"-16 Hole, 1" Jaw, PVC Coated Hanger Rod Beam Clamp	49.24	16.33
26 05 29 00-0468	EA	1/2"-13 Hole, 1" Jaw, PVC Coated Hanger Rod Beam Clamp	54.04	17.31
26 05 29 00-0469	EA	1/2"-13 Hole, 2-1/8" Jaw, PVC Coated Hanger Rod Beam Clamp	63.07	19.78
26 05 29 00-0470		PVC Coated Pipe Straps *(26 05 29 00-0451)* Note: Includes stainless steel nuts and bolts.		
26 05 29 00-0471	EA	1/2" PVC Coated Pipe Strap	14.66	5.44
26 05 29 00-0472	EA	3/4" PVC Coated Pipe Strap	15.49	5.93
26 05 29 00-0473	EA	1" PVC Coated Pipe Strap	16.86	6.43
26 05 29 00-0474	EA	1-1/4" PVC Coated Pipe Strap	19.06	7.42
26 05 29 00-0475	EA	1-1/2" PVC Coated Pipe Strap	21.77	8.41
26 05 29 00-0476	EA	2" PVC Coated Pipe Strap	24.05	8.90
26 05 29 00-0477	EA	2-1/2" PVC Coated Pipe Strap	26.59	9.89
26 05 29 00-0478	EA	3" PVC Coated Pipe Strap	31.30	10.88
26 05 29 00-0479	EA	3-1/2" PVC Coated Pipe Strap	34.02	11.38
26 05 29 00-0480	EA	4" PVC Coated Pipe Strap	35.91	12.37
26 05 29 00-0481	EA	5" PVC Coated Pipe Strap	38.60	13.85
26 05 29 00-0482		PVC Coated Channel *(26 05 29 00-0381)*		
26 05 29 00-0483	LF	PVC Coated Channel, A12	14.00	2.48
26 05 29 00-0484	LF	PVC Coated Channel, A12A	24.44	3.46
26 05 29 00-0485	LF	PVC Coated Channel, A12P	14.88	2.48
26 05 29 00-0486	LF	PVC Coated Channel, C14	11.28	2.48
26 05 29 00-0487	LF	PVC Coated Channel, C14P	11.83	2.48

26 05 33 Raceway And Boxes For Electrical Systems *(26 05)*

26 05 33 13 Conduit For Electrical Systems *(26 05 33)*

26 05 33 13-0001 Conduit Assemblies *(26 05 33 13)*
Note: With fittings and wire.

26 05 33 13-0002 EMT Conduit Assemblies *(26 05 33 13-0001)*

26 05 33 13-0003	CLF	1/2" EMT With 3 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	562.78	248.05
		For Work In Restricted Working Space, Add	*148.83*	
26 05 33 13-0004	CLF	1/2" EMT With 4 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	617.00	271.04
		For Work In Restricted Working Space, Add	*162.61*	
26 05 33 13-0005	CLF	1/2" EMT With 3 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	599.84	259.43
		For Work In Restricted Working Space, Add	*155.64*	
26 05 33 13-0006	CLF	1/2" EMT With 4 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	667.07	286.49
		For Work In Restricted Working Space, Add	*171.89*	
26 05 33 13-0007	CLF	3/4" EMT With 3 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	650.37	282.80
		For Work In Restricted Working Space, Add	*169.68*	
26 05 33 13-0008	CLF	3/4" EMT With 4 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	705.59	305.94
		For Work In Restricted Working Space, Add	*183.57*	
26 05 33 13-0009	CLF	3/4" EMT With 5 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	759.71	328.85
		For Work In Restricted Working Space, Add	*197.33*	
26 05 33 13-0010	CLF	3/4" EMT With 6 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	814.12	351.92
		For Work In Restricted Working Space, Add	*211.16*	
26 05 33 13-0011	CLF	3/4" EMT With 3 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	688.07	294.18
		For Work In Restricted Working Space, Add	*176.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0012	CLF	3/4" EMT With 4 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	754.92	321.09
		For Work In Restricted Working Space, Add	*192.64*	
26 05 33 13-0013	CLF	3/4" EMT With 5 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	821.38	347.77
		For Work In Restricted Working Space, Add	*208.66*	
26 05 33 13-0014	CLF	3/4" EMT With 6 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	887.83	374.45
		For Work In Restricted Working Space, Add	*224.67*	
26 05 33 13-0015	CLF	1" EMT With 3 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	804.66	340.99
		For Work In Restricted Working Space, Add	*204.60*	
26 05 33 13-0016	CLF	1" EMT With 4 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	858.13	363.60
		For Work In Restricted Working Space, Add	*218.16*	
26 05 33 13-0017	CLF	1" EMT With 5 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	904.58	386.66
		For Work In Restricted Working Space, Add	*232.10*	
26 05 33 13-0018	CLF	1" EMT With 6 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	966.23	409.73
		For Work In Restricted Working Space, Add	*245.62*	
26 05 33 13-0019	CLF	1" EMT With 3 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	840.87	351.92
		For Work In Restricted Working Space, Add	*211.16*	
26 05 33 13-0020	CLF	1" EMT With 4 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	907.04	378.52
		For Work In Restricted Working Space, Add	*227.09*	
26 05 33 13-0021	CLF	1" EMT With 5 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	974.30	405.66
		For Work In Restricted Working Space, Add	*243.35*	
26 05 33 13-0022	CLF	1" EMT With 6 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,042.69	432.12
		For Work In Restricted Working Space, Add	*259.53*	
26 05 33 13-0023		RGS Conduit Assemblies *(26 05 33 13-0001)* Note: Includes conduit, terminations, straps, wire as indicated. Per CLF.		
26 05 33 13-0024	CLF	1/2" RGS With 3 #12 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	684.88	277.00
		For Work In Restricted Working Space, Add	*166.20*	
26 05 33 13-0025	CLF	1/2" RGS With 4 #12 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	739.57	300.21
		For Work In Restricted Working Space, Add	*180.12*	
26 05 33 13-0026	CLF	1/2" RGS With 3 #10 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	721.96	288.37
		For Work In Restricted Working Space, Add	*173.02*	
26 05 33 13-0027	CLF	1/2" RGS With 4 #10 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	787.75	314.75
		For Work In Restricted Working Space, Add	*188.84*	
26 05 33 13-0028	CLF	3/4" RGS With 3 #12 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	782.88	313.63
		For Work In Restricted Working Space, Add	*188.16*	
26 05 33 13-0029	CLF	3/4" RGS With 4 #12 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	958.60	397.37
		For Work In Restricted Working Space, Add	*238.40*	
26 05 33 13-0030	CLF	3/4" RGS With 5 #12 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	890.51	359.15
		For Work In Restricted Working Space, Add	*215.48*	
26 05 33 13-0031	CLF	3/4" RGS With 3 #10 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	819.25	324.86
		For Work In Restricted Working Space, Add	*194.77*	
26 05 33 13-0032	CLF	3/4" RGS With 4 #10 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	885.54	351.62
		For Work In Restricted Working Space, Add	*210.74*	
26 05 33 13-0033	CLF	3/4" RGS With 5 #10 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	953.12	378.30
		For Work In Restricted Working Space, Add	*227.09*	
26 05 33 13-0034	CLF	1" RGS With 4 #12 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,006.17	392.69
		For Work In Restricted Working Space, Add	*235.73*	
26 05 33 13-0035	CLF	1" RGS With 5 #12 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,059.02	415.68
		For Work In Restricted Working Space, Add	*249.10*	
26 05 33 13-0036	CLF	1" RGS With 6 #12 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,115.06	438.59
		For Work In Restricted Working Space, Add	*263.43*	
26 05 33 13-0037	CLF	1" RGS With 4 #10 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,054.46	407.76
		For Work In Restricted Working Space, Add	*244.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0038	CLF	1" RGS With 5 #10 THHN/THWN Wire Assembly	1,121.99	434.45
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*260.82*	
26 05 33 13-0039	CLF	1" RGS With 6 #10 THHN/THWN Wire Assembly	1,187.53	461.20
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*276.56*	

26 05 33 13-0040 Conduit *(26 05 33 13)*

Note: Includes warning tape for underground conduits. Where 4-1/2" conduit is required, use tasks for 5" conduit.
Add couplings as required at each fitting.

26 05 33 13-0041 Conduit Installed Above Grade *(26 05 33 13-0040)*

See CSI section 26 05 29 00-0000 for supporting strap, hanger and fastening.

26 05 33 13-0042 Rigid Galvanized Steel (RGS) Conduit *(26 05 33 13-0041)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0043 RGS Conduit With Threaded Coupling *(26 05 33 13-0042)*

Note: Includes field bending for conduit up to 1".

26 05 33 13-0044	LF	1/2" RGS Conduit With Threaded Coupling	5.49	1.28
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation Above 14', Add	*0.62*	
		For >250 To 500, Deduct	*-0.07*	
		For >500 To 1000, Deduct	*-0.31*	
		For >1000, Deduct	*-0.45*	
		For Installation In Metal Stud Wall, Add	*0.41*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.04*	
		For Installation In Concrete (Excludes Concrete), Add	*0.62*	
26 05 33 13-0045	LF	3/4" RGS Conduit With Threaded Coupling	6.19	1.58
		For Work In Restricted Working Space, Add	*1.36*	
		For Installation Above 14', Add	*0.68*	
		For >250 To 500, Deduct	*-0.08*	
		For >500 To 1000, Deduct	*-0.35*	
		For >1000, Deduct	*-0.51*	
		For Installation In Metal Stud Wall, Add	*0.45*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.13*	
		For Installation In Concrete (Excludes Concrete), Add	*0.68*	
26 05 33 13-0046	LF	1" RGS Conduit With Threaded Coupling	7.85	1.73
		For Work In Restricted Working Space, Add	*1.58*	
		For Installation Above 14', Add	*0.79*	
		For >250 To 500, Deduct	*-0.13*	
		For >500 To 1000, Deduct	*-0.46*	
		For >1000, Deduct	*-0.65*	
		For Installation In Metal Stud Wall, Add	*0.53*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.32*	
		For Installation In Concrete (Excludes Concrete), Add	*0.79*	
26 05 33 13-0047	LF	1-1/4" RGS Conduit With Threaded Coupling	9.47	2.34
		For Work In Restricted Working Space, Add	*1.81*	
		For Installation Above 14', Add	*0.90*	
		For >250 To 500, Deduct	*-0.17*	
		For >500 To 1000, Deduct	*-0.56*	
		For >1000, Deduct	*-0.80*	
		For Installation In Metal Stud Wall, Add	*0.60*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.51*	
		For Installation In Concrete (Excludes Concrete), Add	*0.90*	
26 05 33 13-0048	LF	1-1/2" RGS Conduit With Threaded Coupling	11.00	2.64
		For Work In Restricted Working Space, Add	*2.04*	
		For Installation Above 14', Add	*1.02*	
		For >250 To 500, Deduct	*-0.21*	
		For >500 To 1000, Deduct	*-0.66*	
		For >1000, Deduct	*-0.93*	
		For Installation In Metal Stud Wall, Add	*0.68*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.70*	
		For Installation In Concrete (Excludes Concrete), Add	*1.02*	
26 05 33 13-0049	LF	2" RGS Conduit With Threaded Coupling	13.92	2.94
		For Work In Restricted Working Space, Add	*2.49*	
		For Installation Above 14', Add	*1.24*	
		For >250 To 500, Deduct	*-0.28*	
		For >500 To 1000, Deduct	*-0.84*	
		For >1000, Deduct	*-1.18*	
		For Installation In Metal Stud Wall, Add	*0.83*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.07*	
		For Installation In Concrete (Excludes Concrete), Add	*1.24*	
26 05 33 13-0050	LF	2-1/2" RGS Conduit With Threaded Coupling	20.65	4.30
		For Work In Restricted Working Space, Add	*3.39*	
		For Installation Above 14', Add	*1.70*	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1000, Deduct	*-1.27*	
		For >1000, Deduct	*-1.78*	
		For Installation In Metal Stud Wall, Add	*1.13*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.83*	
		For Installation In Concrete (Excludes Concrete), Add	*1.70*	
26 05 33 13-0051	LF	3" RGS Conduit With Threaded Coupling	26.96	5.42
		For Work In Restricted Working Space, Add	*4.52*	
		For Installation Above 14', Add	*2.26*	
		For >250 To 500, Deduct	*-0.59*	
		For >500 To 1000, Deduct	*-1.65*	
		For >1000, Deduct	*-2.32*	
		For Installation In Metal Stud Wall, Add	*1.51*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.77*	
		For Installation In Concrete (Excludes Concrete), Add	*2.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0052	LF	3-1/2" RGS Conduit With Threaded Coupling	33.34	5.72
		For Work In Restricted Working Space, Add	*5.65*	
		For Installation Above 14', Add	*2.83*	
		For >250 To 500, Deduct	*-0.73*	
		For >500 To 1000, Deduct	*-2.03*	
		For >1000, Deduct	*-2.86*	
		For Installation In Metal Stud Wall, Add	*1.88*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*4.71*	
		For Installation In Concrete (Excludes Concrete), Add	*2.83*	
26 05 33 13-0053	LF	4" RGS Conduit With Threaded Coupling	39.48	6.34
		For Work In Restricted Working Space, Add	*6.78*	
		For Installation Above 14', Add	*3.39*	
		For >250 To 500, Deduct	*-0.84*	
		For >500 To 1000, Deduct	*-2.40*	
		For >1000, Deduct	*-3.38*	
		For Installation In Metal Stud Wall, Add	*2.26*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*5.65*	
		For Installation In Concrete (Excludes Concrete), Add	*3.39*	
26 05 33 13-0054	LF	5" RGS Conduit With Threaded Coupling	62.83	8.74
		For Work In Restricted Working Space, Add	*8.59*	
		For Installation Above 14', Add	*4.30*	
		For >250 To 500, Deduct	*-1.71*	
		For >500 To 1000, Deduct	*-4.00*	
		For >1000, Deduct	*-5.57*	
		For Installation In Metal Stud Wall, Add	*2.86*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*7.16*	
		For Installation In Concrete (Excludes Concrete), Add	*4.30*	
26 05 33 13-0055	LF	6" RGS Conduit With Threaded Coupling	84.23	11.46
		For Work In Restricted Working Space, Add	*10.85*	
		For Installation Above 14', Add	*5.43*	
		For >250 To 500, Deduct	*-2.40*	
		For >500 To 1000, Deduct	*-5.41*	
		For >1000, Deduct	*-7.52*	
		For Installation In Metal Stud Wall, Add	*3.62*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*9.05*	
		For Installation In Concrete (Excludes Concrete), Add	*5.43*	

26 05 33 13-0056 RGS 90 Degree Elbows *(26 05 33 13-0042)*

See CSI section 26 05 33 13-1789 for conduit field bending.

26 05 33 13-0057	EA	1/2" RGS 90 Degree Elbow	22.51	7.46
		For Work In Restricted Working Space, Add	*5.62*	
		For Installation Above 14', Add	*2.81*	
26 05 33 13-0058	EA	3/4" RGS 90 Degree Elbow	27.38	9.27
		For Work In Restricted Working Space, Add	*6.98*	
		For Installation Above 14', Add	*3.49*	
26 05 33 13-0059	EA	1" RGS 90 Degree Elbow	34.58	11.38
		For Work In Restricted Working Space, Add	*8.51*	
		For Installation Above 14', Add	*4.26*	
26 05 33 13-0060	EA	1-1/4" RGS 90 Degree Elbow	41.90	13.19
		For Work In Restricted Working Space, Add	*9.89*	
		For Installation Above 14', Add	*4.94*	
26 05 33 13-0061	EA	1-1/2" RGS 90 Degree Elbow	49.72	15.15
		For Work In Restricted Working Space, Add	*11.35*	
		For Installation Above 14', Add	*5.67*	
26 05 33 13-0062	EA	2" RGS 90 Degree Elbow	58.45	16.65
		For Work In Restricted Working Space, Add	*12.48*	
		For Installation Above 14', Add	*6.24*	
26 05 33 13-0063	EA	2-1/2" RGS 90 Degree Elbow	84.22	20.80
		For Work In Restricted Working Space, Add	*15.60*	
		For Installation Above 14', Add	*7.80*	
26 05 33 13-0064	EA	3" RGS 90 Degree Elbow	119.28	28.34
		For Work In Restricted Working Space, Add	*21.25*	
		For Installation Above 14', Add	*10.63*	
26 05 33 13-0065	EA	3-1/2" RGS 90 Degree Elbow	156.78	31.96
		For Work In Restricted Working Space, Add	*23.97*	
		For Installation Above 14', Add	*11.99*	
26 05 33 13-0066	EA	4" RGS 90 Degree Elbow	196.65	41.61
		For Work In Restricted Working Space, Add	*31.20*	
		For Installation Above 14', Add	*15.60*	
26 05 33 13-0067	EA	5" RGS 90 Degree Elbow	310.70	67.84
		For Work In Restricted Working Space, Add	*50.88*	
		For Installation Above 14', Add	*25.44*	
26 05 33 13-0068	EA	6" RGS 90 Degree Elbow	486.40	101.90
		For Work In Restricted Working Space, Add	*76.42*	
		For Installation Above 14', Add	*38.21*	

26 05 33 13-0069 RGS Plastic Bushing Sets With Locknuts *(26 05 33 13-0042)*

26 05 33 13-0070	EA	1/2" RGS Plastic Bushing Set With Locknuts	10.19	3.92
		For Work In Restricted Working Space, Add	*2.94*	
		For Installation Above 14', Add	*1.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-0071	EA	3/4" RGS Plastic Bushing Set With Locknuts	11.93	4.52
		For Work In Restricted Working Space, Add	*3.39*	
		For Installation Above 14', Add	*1.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0072	EA	1" RGS Plastic Bushing Set With Locknuts	15.34	5.72
		For Work In Restricted Working Space, Add	*4.30*	
		For Installation Above 14', Add	*2.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-0073	EA	1-1/4" RGS Plastic Bushing Set With Locknuts	18.75	6.94
		For Work In Restricted Working Space, Add	*5.20*	
		For Installation Above 14', Add	*2.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-0074	EA	1-1/2" RGS Plastic Bushing Set With Locknuts	20.92	7.54
		For Work In Restricted Working Space, Add	*5.65*	
		For Installation Above 14', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-0075	EA	2" RGS Plastic Bushing Set With Locknuts	26.69	9.34
		For Work In Restricted Working Space, Add	*7.01*	
		For Installation Above 14', Add	*3.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.01*	
26 05 33 13-0076	EA	2-1/2" RGS Plastic Bushing Set With Locknuts	45.78	15.08
		For Work In Restricted Working Space, Add	*11.31*	
		For Installation Above 14', Add	*5.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.31*	
26 05 33 13-0077	EA	3" RGS Plastic Bushing Set With Locknuts	61.24	20.80
		For Work In Restricted Working Space, Add	*15.60*	
		For Installation Above 14', Add	*7.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 05 33 13-0078	EA	3-1/2" RGS Plastic Bushing Set With Locknuts	75.01	24.42
		For Work In Restricted Working Space, Add	*18.32*	
		For Installation Above 14', Add	*9.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.32*	
26 05 33 13-0079	EA	4" RGS Plastic Bushing Set With Locknuts	88.10	28.34
		For Work In Restricted Working Space, Add	*21.26*	
		For Installation Above 14', Add	*10.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.26*	
26 05 33 13-0080	EA	5" RGS Plastic Bushing Set With Locknuts	127.23	35.87
		For Work In Restricted Working Space, Add	*26.91*	
		For Installation Above 14', Add	*13.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.91*	
26 05 33 13-0081	EA	6" RGS Plastic Bushing Set With Locknuts	182.95	47.03
		For Work In Restricted Working Space, Add	*35.27*	
		For Installation Above 14', Add	*17.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.27*	

26 05 33 13-0082 RGS Steel Bushing Sets With Locknuts *(26 05 33 13-0042)*

26 05 33 13-0083	EA	1/2" RGS Steel Bushing Set With Locknuts	10.32	3.92
		For Work In Restricted Working Space, Add	*2.94*	
		For Installation Above 14', Add	*1.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-0084	EA	3/4" RGS Steel Bushing Set With Locknuts	12.11	4.52
		For Work In Restricted Working Space, Add	*3.39*	
		For Installation Above 14', Add	*1.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-0085	EA	1" RGS Steel Bushing Set With Locknuts	15.57	5.72
		For Work In Restricted Working Space, Add	*4.30*	
		For Installation Above 14', Add	*2.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-0086	EA	1-1/4" RGS Steel Insulated Bushing Set With Locknuts	21.96	6.94
		For Work In Restricted Working Space, Add	*5.20*	
		For Installation Above 14', Add	*2.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-0087	EA	1-1/2" RGS Steel Insulated Bushing Set With Locknuts	24.84	7.54
		For Work In Restricted Working Space, Add	*5.65*	
		For Installation Above 14', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-0088	EA	2" RGS Steel Insulated Bushing Set With Locknuts	31.90	9.34
		For Work In Restricted Working Space, Add	*7.01*	
		For Installation Above 14', Add	*3.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.01*	
26 05 33 13-0089	EA	2-1/2" RGS Steel Insulated Bushing Set With Locknuts	54.67	15.08
		For Work In Restricted Working Space, Add	*11.31*	
		For Installation Above 14', Add	*5.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.31*	
26 05 33 13-0090	EA	3" RGS Steel Insulated Bushing Set With Locknuts	73.93	20.50
		For Work In Restricted Working Space, Add	*15.38*	
		For Installation Above 14', Add	*7.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.38*	
26 05 33 13-0091	EA	3-1/2" RGS Steel Insulated Bushing Set With Locknuts	92.36	24.42
		For Work In Restricted Working Space, Add	*18.32*	
		For Installation Above 14', Add	*9.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.32*	
26 05 33 13-0092	EA	4" RGS Steel Insulated Bushing Set With Locknuts	110.76	28.34
		For Work In Restricted Working Space, Add	*21.26*	
		For Installation Above 14', Add	*10.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.26*	
26 05 33 13-0093	EA	5" RGS Steel Insulated Bushing Set With Locknuts	175.82	35.87
		For Work In Restricted Working Space, Add	*26.91*	
		For Installation Above 14', Add	*13.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0094	EA	6" RGS Steel Insulated Bushing Set With Locknuts	253.44	47.03
		For Work In Restricted Working Space, Add	*35.27*	
		For Installation Above 14', Add	*17.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.27*	

26 05 33 13-0095 RGS Steel Insulated Grounding Bushing Sets With Locknuts *(26 05 33 13-0042)*

26 05 33 13-0096	EA	1/2" RGS Steel Insulated Grounding Bushing Set With Locknuts	18.70	5.72
		For Work In Restricted Working Space, Add	*4.30*	
		For Installation Above 14', Add	*2.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-0097	EA	3/4" RGS Steel Insulated Grounding Bushing Set With Locknuts	22.90	6.94
		For Work In Restricted Working Space, Add	*5.20*	
		For Installation Above 14', Add	*2.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-0098	EA	1" RGS Steel Insulated Grounding Bushing Set With Locknuts	25.29	7.54
		For Work In Restricted Working Space, Add	*5.66*	
		For Installation Above 14', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.66*	
26 05 33 13-0099	EA	1-1/4" RGS Steel Insulated Grounding Bushing Set With Locknuts	31.69	9.34
		For Work In Restricted Working Space, Add	*7.01*	
		For Installation Above 14', Add	*3.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.01*	
26 05 33 13-0100	EA	1-1/2" RGS Steel Insulated Grounding Bushing Set With Locknuts	38.07	11.46
		For Work In Restricted Working Space, Add	*8.59*	
		For Installation Above 14', Add	*4.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.59*	
26 05 33 13-0101	EA	2" RGS Steel Insulated Grounding Bushing Set With Locknuts	45.62	13.26
		For Work In Restricted Working Space, Add	*9.95*	
		For Installation Above 14', Add	*4.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.95*	
26 05 33 13-0102	EA	2-1/2" RGS Steel Insulated Grounding Bushing Set With Locknuts	74.04	20.80
		For Work In Restricted Working Space, Add	*15.60*	
		For Installation Above 14', Add	*7.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 05 33 13-0103	EA	3" RGS Steel Insulated Grounding Bushing Set With Locknuts	89.23	24.42
		For Work In Restricted Working Space, Add	*18.32*	
		For Installation Above 14', Add	*9.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.32*	
26 05 33 13-0104	EA	3-1/2" RGS Steel Insulated Grounding Bushing Set With Locknuts	106.97	28.34
		For Work In Restricted Working Space, Add	*21.26*	
		For Installation Above 14', Add	*10.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.26*	
26 05 33 13-0105	EA	4" RGS Steel Insulated Grounding Bushing Set With Locknuts	126.94	31.96
		For Work In Restricted Working Space, Add	*23.97*	
		For Installation Above 14', Add	*11.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.97*	
26 05 33 13-0106	EA	5" RGS Steel Insulated Grounding Bushing Set With Locknuts	210.58	47.03
		For Work In Restricted Working Space, Add	*35.27*	
		For Installation Above 14', Add	*17.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.27*	
26 05 33 13-0107	EA	6" RGS Steel Insulated Grounding Bushing Set With Locknuts	274.77	52.76
		For Work In Restricted Working Space, Add	*39.57*	
		For Installation Above 14', Add	*19.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.57*	

26 05 33 13-0108 RGS Box Connectors With Set Screw *(26 05 33 13-0042)*

26 05 33 13-0109	EA	1/2" RGS Box Connector With Set Screw	10.77	3.47
		For Work In Restricted Working Space, Add	*2.58*	
		For Installation Above 14', Add	*1.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.58*	
26 05 33 13-0110	EA	3/4" RGS Box Connector With Set Screw	12.97	3.99
		For Work In Restricted Working Space, Add	*2.99*	
		For Installation Above 14', Add	*1.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.99*	
26 05 33 13-0111	EA	1" RGS Box Connector With Set Screw	16.81	4.82
		For Work In Restricted Working Space, Add	*3.60*	
		For Installation Above 14', Add	*1.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.60*	
26 05 33 13-0112	EA	1-1/4" RGS Box Connector, Insulated With Set Screw	24.35	5.96
		For Work In Restricted Working Space, Add	*4.48*	
		For Installation Above 14', Add	*2.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.48*	
26 05 33 13-0113	EA	1-1/2" RGS Box Connector, Insulated With Set Screw	32.92	7.99
		For Work In Restricted Working Space, Add	*6.00*	
		For Installation Above 14', Add	*3.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.00*	
26 05 33 13-0114	EA	2" RGS Box Connector, Insulated With Set Screw	55.30	11.98
		For Work In Restricted Working Space, Add	*8.99*	
		For Installation Above 14', Add	*4.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 05 33 13-0115	EA	2-1/2" RGS Box Connector, Insulated With Set Screw	95.91	13.26
		For Work In Restricted Working Space, Add	*9.95*	
		For Installation Above 14', Add	*4.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.95*	
26 05 33 13-0116	EA	3" RGS Box Connector, Insulated With Set Screw	114.44	16.05
		For Work In Restricted Working Space, Add	*12.05*	
		For Installation Above 14', Add	*6.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0117	EA	3-1/2" RGS Box Connector, Insulated With Set Screw	154.00	20.12
		For Work In Restricted Working Space, Add	*15.08*	
		For Installation Above 14', Add	*7.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.08*	
26 05 33 13-0118	EA	4" RGS Box Connector, Insulated With Set Screw	180.66	24.12
		For Work In Restricted Working Space, Add	*18.09*	
		For Installation Above 14', Add	*9.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.09*	
26 05 33 13-0119	EA	5" RGS Box Connector, Insulated With Set Screw	310.29	26.83
		For Work In Restricted Working Space, Add	*20.10*	
		For Installation Above 14', Add	*10.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.10*	
26 05 33 13-0120	EA	6" RGS Box Connector, Insulated With Set Screw	369.85	30.15
		For Work In Restricted Working Space, Add	*22.61*	
		For Installation Above 14', Add	*11.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.61*	

26 05 33 13-0121 RGS Type LB, LL Or LR Two Hub Conduit Bodies With Cover *(26 05 33 13-0042)*

26 05 33 13-0122	EA	1/2" RGS Type LB, LL Or LR Two Hub Conduit Body With Cover	48.11	14.47
		For Work In Restricted Working Space, Add	*10.85*	
		For Installation Above 14', Add	*5.43*	
		For Mogul LB, Add	*7.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.85*	
26 05 33 13-0123	EA	3/4" RGS Type LB, LL Or LR Two Hub Conduit Body With Cover	55.78	16.58
		For Work In Restricted Working Space, Add	*12.44*	
		For Installation Above 14', Add	*6.22*	
		For Mogul LB, Add	*8.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.44*	
26 05 33 13-0124	EA	1" RGS Type LB, LL Or LR Two Hub Conduit Body With Cover	69.43	19.30
		For Work In Restricted Working Space, Add	*14.47*	
		For Installation Above 14', Add	*7.23*	
		For Mogul LB, Add	*13.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.47*	
26 05 33 13-0125	EA	1-1/4" RGS Type LB, LL Or LR Two Hub Conduit Body With Cover	86.61	22.01
		For Work In Restricted Working Space, Add	*16.51*	
		For Installation Above 14', Add	*8.25*	
		For Mogul LB, Add	*20.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.51*	
26 05 33 13-0126	EA	1-1/2" RGS Type LB, LL Or LR Two Hub Conduit Body With Cover	91.89	24.12
		For Work In Restricted Working Space, Add	*18.09*	
		For Installation Above 14', Add	*9.05*	
		For Mogul LB, Add	*20.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.09*	
26 05 33 13-0127	EA	2" RGS Type LB, LL Or LR Two Hub Conduit Body With Cover	138.35	28.94
		For Work In Restricted Working Space, Add	*21.71*	
		For Installation Above 14', Add	*10.85*	
		For Mogul LB, Add	*45.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.71*	
26 05 33 13-0128	EA	2-1/2" RGS Type LB, LL Or LR Two Hub Conduit Body With Cover	234.43	40.71
		For Work In Restricted Working Space, Add	*30.53*	
		For Installation Above 14', Add	*15.26*	
		For Mogul LB, Add	*94.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.53*	
26 05 33 13-0129	EA	3" RGS Type LB, LL Or LR Two Hub Conduit Body With Cover	306.97	54.27
		For Work In Restricted Working Space, Add	*40.70*	
		For Installation Above 14', Add	*20.35*	
		For Mogul LB, Add	*121.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.70*	
26 05 33 13-0130	EA	3-1/2" RGS Type LB, LL Or LR Two Hub Conduit Body With Cover	461.97	67.84
		For Work In Restricted Working Space, Add	*50.88*	
		For Installation Above 14', Add	*25.44*	
		For Mogul LB, Add	*210.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.88*	
26 05 33 13-0131	EA	4" RGS Type LB, LL Or LR Two Hub Conduit Body With Cover	566.65	82.61
		For Work In Restricted Working Space, Add	*61.96*	
		For Installation Above 14', Add	*30.98*	
		For Mogul LB, Add	*259.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.96*	

26 05 33 13-0132 RGS Type T Three Hub Conduit Bodies With Cover *(26 05 33 13-0042)*

26 05 33 13-0133	EA	1/2" RGS Type T Three Hub Conduit Body With Cover	55.92	16.58
		For Work In Restricted Working Space, Add	*12.44*	
		For Installation Above 14', Add	*6.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.44*	
26 05 33 13-0134	EA	3/4" RGS Type T Three Hub Conduit Body With Cover	65.44	19.30
		For Work In Restricted Working Space, Add	*14.47*	
		For Installation Above 14', Add	*7.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.47*	
26 05 33 13-0135	EA	1" RGS Type T Three Hub Conduit Body With Cover	78.31	21.10
		For Work In Restricted Working Space, Add	*15.83*	
		For Installation Above 14', Add	*7.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.83*	
26 05 33 13-0136	EA	1-1/4" RGS Type T Three Hub Conduit Body With Cover	96.10	24.12
		For Work In Restricted Working Space, Add	*18.09*	
		For Installation Above 14', Add	*9.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0137	EA	1-1/2" RGS Type T Three Hub Conduit Body With Cover	112.66	26.53
		For Work In Restricted Working Space, Add	*19.90*	
		For Installation Above 14', Add	*9.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.90*	
26 05 33 13-0138	EA	2" RGS Type T Three Hub Conduit Body With Cover	149.94	31.05
		For Work In Restricted Working Space, Add	*23.29*	
		For Installation Above 14', Add	*11.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.29*	
26 05 33 13-0139	EA	2-1/2" RGS Type T Three Hub Conduit Body With Cover	250.65	45.23
		For Work In Restricted Working Space, Add	*33.92*	
		For Installation Above 14', Add	*16.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.92*	
26 05 33 13-0140	EA	3" RGS Type T Three Hub Conduit Body With Cover	342.13	58.79
		For Work In Restricted Working Space, Add	*44.09*	
		For Installation Above 14', Add	*22.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.09*	
26 05 33 13-0141	EA	3-1/2" RGS Type T Three Hub Conduit Body With Cover	506.62	72.36
		For Work In Restricted Working Space, Add	*54.27*	
		For Installation Above 14', Add	*27.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.27*	
26 05 33 13-0142	EA	4" RGS Type T Three Hub Conduit Body With Cover	604.81	87.14
		For Work In Restricted Working Space, Add	*65.35*	
		For Installation Above 14', Add	*32.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.35*	

26 05 33 13-0143 RGS Type C Two Hub Conduit Bodies With Cover *(26 05 33 13-0042)*

26 05 33 13-0144	EA	1/2" RGS Type C Two Hub Conduit Body With Cover	43.71	14.47
		For Work In Restricted Working Space, Add	*10.85*	
		For Installation Above 14', Add	*5.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.85*	
26 05 33 13-0145	EA	3/4" RGS Type C Two Hub Conduit Body With Cover	52.28	16.58
		For Work In Restricted Working Space, Add	*12.44*	
		For Installation Above 14', Add	*6.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.44*	
26 05 33 13-0146	EA	1" RGS Type C Two Hub Conduit Body With Cover	63.20	18.99
		For Work In Restricted Working Space, Add	*14.24*	
		For Installation Above 14', Add	*7.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.24*	
26 05 33 13-0147	EA	1-1/4" RGS Type C Two Hub Conduit Body With Cover	78.00	22.01
		For Work In Restricted Working Space, Add	*16.51*	
		For Installation Above 14', Add	*8.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.51*	
26 05 33 13-0148	EA	1-1/2" RGS Type C Two Hub Conduit Body With Cover	85.34	24.12
		For Work In Restricted Working Space, Add	*18.09*	
		For Installation Above 14', Add	*9.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.09*	
26 05 33 13-0149	EA	2" RGS Type C Two Hub Conduit Body With Cover	114.07	28.94
		For Work In Restricted Working Space, Add	*21.71*	
		For Installation Above 14', Add	*10.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.71*	
26 05 33 13-0150	EA	2-1/2" RGS Type C Two Hub Conduit Body With Cover	163.20	40.71
		For Work In Restricted Working Space, Add	*30.53*	
		For Installation Above 14', Add	*15.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.53*	
26 05 33 13-0151	EA	3" RGS Type C Two Hub Conduit Body With Cover	215.56	54.27
		For Work In Restricted Working Space, Add	*40.70*	
		For Installation Above 14', Add	*20.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.70*	
26 05 33 13-0152	EA	3-1/2" RGS Type C Two Hub Conduit Body With Cover	286.29	67.84
		For Work In Restricted Working Space, Add	*50.88*	
		For Installation Above 14', Add	*25.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.88*	
26 05 33 13-0153	EA	4" RGS Type C Two Hub Conduit Body With Cover	360.14	82.61
		For Work In Restricted Working Space, Add	*61.95*	
		For Installation Above 14', Add	*30.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.95*	

26 05 33 13-0154 RGS Type X Four Hub Conduit Bodies With Cover *(26 05 33 13-0042)*

26 05 33 13-0155	EA	1/2" RGS Type X Four Hub Conduit Body With Cover	57.15	18.99
		For Work In Restricted Working Space, Add	*14.24*	
		For Installation Above 14', Add	*7.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.24*	
26 05 33 13-0156	EA	3/4" RGS Type X Four Hub Conduit Body With Cover	64.37	21.10
		For Work In Restricted Working Space, Add	*15.83*	
		For Installation Above 14', Add	*7.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.83*	
26 05 33 13-0157	EA	1" RGS Type X Four Hub Conduit Body With Cover	75.46	23.21
		For Work In Restricted Working Space, Add	*17.41*	
		For Installation Above 14', Add	*8.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.41*	
26 05 33 13-0158	EA	1-1/4" RGS Type X Four Hub Conduit Body With Cover	91.85	26.53
		For Work In Restricted Working Space, Add	*19.90*	
		For Installation Above 14', Add	*9.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.90*	
26 05 33 13-0159	EA	1-1/2" RGS Type X Four Hub Conduit Body With Cover	106.41	28.94
		For Work In Restricted Working Space, Add	*21.71*	
		For Installation Above 14', Add	*10.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0160	EA	2" RGS Type X Four Hub Conduit Body With Cover	141.56	35.57
		For Work In Restricted Working Space, Add	*26.68*	
		For Installation Above 14', Add	*13.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.68*	
26 05 33 13-0161	EA	2-1/2" RGS Type X Four Hub Conduit Body With Cover	221.53	52.15
		For Work In Restricted Working Space, Add	*39.12*	
		For Installation Above 14', Add	*19.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.12*	
26 05 33 13-0162	EA	3" RGS Type X Four Hub Conduit Body With Cover	289.47	67.84
		For Work In Restricted Working Space, Add	*50.88*	
		For Installation Above 14', Add	*25.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.88*	
26 05 33 13-0163	EA	3-1/2" RGS Types X Four Hub Conduit Body With Cover	432.25	83.82
		For Work In Restricted Working Space, Add	*62.86*	
		For Installation Above 14', Add	*31.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.86*	
26 05 33 13-0164	EA	4" RGS Type X Fours Hub Conduit Body With Cover	500.95	100.70
		For Work In Restricted Working Space, Add	*75.53*	
		For Installation Above 14', Add	*37.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.53*	

26 05 33 13-0165 RGS Nipples *(26 05 33 13-0042)*

26 05 33 13-0166	EA	1/2" x 2" Long RGS, Nipple	10.70	4.90
		For Work In Restricted Working Space, Add	*2.94*	
		For Installation Above 14', Add	*1.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-0167	EA	3/4" x 2" Long RGS, Nipple	12.32	5.65
		For Work In Restricted Working Space, Add	*3.39*	
		For Installation Above 14', Add	*1.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-0168	EA	1" x 2" Long RGS, Nipple	15.73	7.16
		For Work In Restricted Working Space, Add	*4.30*	
		For Installation Above 14', Add	*2.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-0169	EA	1-1/4" x 2" Long RGS, Nipple	18.37	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Installation Above 14', Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0170	EA	1-1/2" x 2" Long RGS, Nipple	20.96	9.42
		For Work In Restricted Working Space, Add	*5.65*	
		For Installation Above 14', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-0171	EA	1/2" x 2-1/2" Long RGS, Nipple	10.77	4.90
		For Work In Restricted Working Space, Add	*2.94*	
		For Installation Above 14', Add	*1.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-0172	EA	3/4" x 2-1/2" Long RGS, Nipple	12.43	5.65
		For Work In Restricted Working Space, Add	*3.39*	
		For Installation Above 14', Add	*1.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-0173	EA	1" x 2-1/2" Long RGS, Nipple	15.85	7.16
		For Work In Restricted Working Space, Add	*4.30*	
		For Installation Above 14', Add	*2.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-0174	EA	1-1/4" x 2-1/2" Long RGS, Nipple	18.54	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Installation Above 14', Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0175	EA	1-1/2" x 2-1/2" Long RGS, Nipple	21.23	9.42
		For Work In Restricted Working Space, Add	*5.65*	
		For Installation Above 14', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-0176	EA	2" x 2-1/2" Long RGS, Nipple	23.99	10.55
		For Work In Restricted Working Space, Add	*6.33*	
		For Installation Above 14', Add	*3.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-0177	EA	1/2" x 3" Long RGS, Nipple	10.85	4.90
		For Work In Restricted Working Space, Add	*2.94*	
		For Installation Above 14', Add	*1.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-0178	EA	3/4" x 3" Long RGS, Nipple	12.53	5.65
		For Work In Restricted Working Space, Add	*3.39*	
		For Installation Above 14', Add	*1.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-0179	EA	1" x 3" Long RGS, Nipple	16.03	7.16
		For Work In Restricted Working Space, Add	*4.30*	
		For Installation Above 14', Add	*2.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-0180	EA	1-1/4" x 3" Long RGS, Nipple	18.69	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Installation Above 14', Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0181	EA	1-1/2" x 3" Long RGS, Nipple	21.42	9.42
		For Work In Restricted Working Space, Add	*5.65*	
		For Installation Above 14', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0182	EA	2" x 3" Long RGS, Nipple	24.45	10.55
		For Work In Restricted Working Space, Add	*6.33*	
		For Installation Above 14', Add	*3.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-0183	EA	2-1/2" x 3" Long RGS, Nipple	32.54	12.81
		For Work In Restricted Working Space, Add	*7.69*	
		For Installation Above 14', Add	*3.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.69*	
26 05 33 13-0184	EA	3" x 3" Long RGS, Nipple	43.91	17.72
		For Work In Restricted Working Space, Add	*10.63*	
		For Installation Above 14', Add	*5.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.63*	
26 05 33 13-0185	EA	1/2" x 3-1/2" Long RGS, Nipple	10.95	4.90
		For Work In Restricted Working Space, Add	*2.94*	
		For Installation Above 14', Add	*1.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-0186	EA	3/4" x 3-1/2" Long RGS, Nipple	12.59	5.65
		For Work In Restricted Working Space, Add	*3.39*	
		For Installation Above 14', Add	*1.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-0187	EA	1" x 3-1/2" Long RGS, Nipple	16.26	7.16
		For Work In Restricted Working Space, Add	*4.30*	
		For Installation Above 14', Add	*2.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-0188	EA	1-1/4" x 3-1/2" Long RGS, Nipple	18.98	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Installation Above 14', Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0189	EA	1-1/2" x 3-1/2" Long RGS, Nipple	21.80	9.42
		For Work In Restricted Working Space, Add	*5.65*	
		For Installation Above 14', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-0190	EA	2" x 3-1/2" Long PVC RGS, Nipple	24.91	10.55
		For Work In Restricted Working Space, Add	*6.33*	
		For Installation Above 14', Add	*3.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-0191	EA	2-1/2" x 3-1/2" Long RGS, Nipple	33.80	12.81
		For Work In Restricted Working Space, Add	*7.69*	
		For Installation Above 14', Add	*3.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.69*	
26 05 33 13-0192	EA	3" x 3-1/2" Long RGS, Nipple	45.00	17.72
		For Work In Restricted Working Space, Add	*10.63*	
		For Installation Above 14', Add	*5.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.63*	
26 05 33 13-0193	EA	1/2" x 4" Long RGS, Nipple	11.04	4.90
		For Work In Restricted Working Space, Add	*2.94*	
		For Installation Above 14', Add	*1.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-0194	EA	3/4" x 4" Long RGS, Nipple	12.76	5.65
		For Work In Restricted Working Space, Add	*3.39*	
		For Installation Above 14', Add	*1.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-0195	EA	1" x 4" Long RGS, Nipple	16.40	7.16
		For Work In Restricted Working Space, Add	*4.30*	
		For Installation Above 14', Add	*2.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-0196	EA	1-1/4" x 4" Long RGS, Nipple	19.12	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Installation Above 14', Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0197	EA	1-1/2" x 4" Long RGS, Nipple	22.06	9.42
		For Work In Restricted Working Space, Add	*5.65*	
		For Installation Above 14', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-0198	EA	2" x 4" Long RGS, Nipple	25.31	10.55
		For Work In Restricted Working Space, Add	*6.33*	
		For Installation Above 14', Add	*3.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-0199	EA	2-1/2" x 4" Long RGS, Nipple	34.18	12.81
		For Work In Restricted Working Space, Add	*7.69*	
		For Installation Above 14', Add	*3.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.69*	
26 05 33 13-0200	EA	3" x 4" Long RGS, Nipple	45.81	17.72
		For Work In Restricted Working Space, Add	*10.63*	
		For Installation Above 14', Add	*5.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.63*	
26 05 33 13-0201	EA	3-1/2" x 4" Long RGS, Nipple	52.58	19.97
		For Work In Restricted Working Space, Add	*11.98*	
		For Installation Above 14', Add	*5.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.98*	
26 05 33 13-0202	EA	4" x 4" Long RGS, Nipple	66.20	26.01
		For Work In Restricted Working Space, Add	*15.60*	
		For Installation Above 14', Add	*7.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 05 33 13-0203	EA	1/2" x 5" Long RGS, Nipple	11.19	4.90
		For Work In Restricted Working Space, Add	*2.94*	
		For Installation Above 14', Add	*1.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0204	EA	3/4" x 5" Long RGS, Nipple	12.98	5.65
		For Work In Restricted Working Space, Add	*3.39*	
		For Installation Above 14', Add	*1.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-0205	EA	1" x 5" Long RGS, Nipple	16.67	7.16
		For Work In Restricted Working Space, Add	*4.30*	
		For Installation Above 14', Add	*2.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-0206	EA	1-1/4" x 5" Long RGS, Nipple	19.53	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Installation Above 14', Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0207	EA	1-1/2" x 5" Long RGS, Nipple	22.46	9.42
		For Work In Restricted Working Space, Add	*5.65*	
		For Installation Above 14', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-0208	EA	2" x 5" Long RGS, Nipple	26.01	10.55
		For Work In Restricted Working Space, Add	*6.33*	
		For Installation Above 14', Add	*3.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-0209	EA	2-1/2" x 5" Long RGS, Nipple	35.74	12.81
		For Work In Restricted Working Space, Add	*7.69*	
		For Installation Above 14', Add	*3.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.69*	
26 05 33 13-0210	EA	3" x 5" Long RGS, Nipple	47.50	17.72
		For Work In Restricted Working Space, Add	*10.63*	
		For Installation Above 14', Add	*5.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.63*	
26 05 33 13-0211	EA	3-1/2" x 5" Long RGS, Nipple	54.26	19.97
		For Work In Restricted Working Space, Add	*11.98*	
		For Installation Above 14', Add	*5.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.98*	
26 05 33 13-0212	EA	4" x 5" Long RGS, Nipple	68.65	26.01
		For Work In Restricted Working Space, Add	*15.60*	
		For Installation Above 14', Add	*7.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 05 33 13-0213	EA	5" x 5" Long RGS, Nipple	103.90	35.80
		For Work In Restricted Working Space, Add	*21.48*	
		For Installation Above 14', Add	*10.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.48*	
26 05 33 13-0214	EA	6" x 5" Long RGS, Nipple	132.14	45.90
		For Work In Restricted Working Space, Add	*27.56*	
		For Installation Above 14', Add	*13.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.56*	
26 05 33 13-0215	EA	1/2" x 6" Long RGS, Nipple	11.46	4.90
		For Work In Restricted Working Space, Add	*2.94*	
		For Installation Above 14', Add	*1.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-0216	EA	3/4" x 6" Long RGS, Nipple	13.25	5.65
		For Work In Restricted Working Space, Add	*3.39*	
		For Installation Above 14', Add	*1.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-0217	EA	1" x 6" Long RGS, Nipple	16.89	7.16
		For Work In Restricted Working Space, Add	*4.30*	
		For Installation Above 14', Add	*2.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-0218	EA	1-1/4" x 6" Long RGS, Nipple	19.90	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Installation Above 14', Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0219	EA	1-1/2" x 6" Long RGS, Nipple	23.29	9.42
		For Work In Restricted Working Space, Add	*5.65*	
		For Installation Above 14', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-0220	EA	2" x 6" Long RGS, Nipple	26.71	10.55
		For Work In Restricted Working Space, Add	*6.33*	
		For Installation Above 14', Add	*3.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-0221	EA	2-1/2" x 6" Long RGS, Nipple	37.10	12.81
		For Work In Restricted Working Space, Add	*7.69*	
		For Installation Above 14', Add	*3.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.69*	
26 05 33 13-0222	EA	3" x 6" Long RGS, Nipple	49.21	17.72
		For Work In Restricted Working Space, Add	*10.63*	
		For Installation Above 14', Add	*5.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.63*	
26 05 33 13-0223	EA	3-1/2" x 6" Long RGS, Nipple	56.31	19.97
		For Work In Restricted Working Space, Add	*11.98*	
		For Installation Above 14', Add	*5.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.98*	
26 05 33 13-0224	EA	4" x 6" Long RGS, Nipple	70.59	26.01
		For Work In Restricted Working Space, Add	*15.60*	
		For Installation Above 14', Add	*7.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 05 33 13-0225	EA	5" x 6" Long RGS, Nipple	106.75	35.80
		For Work In Restricted Working Space, Add	*21.48*	
		For Installation Above 14', Add	*10.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0226	EA	6" x 6" Long RGS, Nipple	136.31	45.90
		For Work In Restricted Working Space, Add	*27.56*	
		For Installation Above 14', Add	*13.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.56*	
26 05 33 13-0227	EA	1/2" x 8" Long RGS, Nipple	12.45	4.90
		For Work In Restricted Working Space, Add	*2.94*	
		For Installation Above 14', Add	*1.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-0228	EA	3/4" x 8" Long RGS, Nipple	14.51	5.65
		For Work In Restricted Working Space, Add	*3.39*	
		For Installation Above 14', Add	*1.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-0229	EA	1" x 8" Long RGS, Nipple	18.38	7.16
		For Work In Restricted Working Space, Add	*4.30*	
		For Installation Above 14', Add	*2.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-0230	EA	1-1/4" x 8" Long RGS, Nipple	22.01	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Installation Above 14', Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0231	EA	1-1/2" x 8" Long RGS, Nipple	25.64	9.42
		For Work In Restricted Working Space, Add	*5.65*	
		For Installation Above 14', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-0232	EA	2" x 8" Long RGS, Nipple	29.20	10.55
		For Work In Restricted Working Space, Add	*6.33*	
		For Installation Above 14', Add	*3.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-0233	EA	2-1/2" x 8" Long RGS, Nipple	40.72	12.81
		For Work In Restricted Working Space, Add	*7.69*	
		For Installation Above 14', Add	*3.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.69*	
26 05 33 13-0234	EA	3" x 8" Long RGS, Nipple	53.37	17.72
		For Work In Restricted Working Space, Add	*10.63*	
		For Installation Above 14', Add	*5.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.63*	
26 05 33 13-0235	EA	3-1/2" x 8" Long RGS, Nipple	60.45	19.97
		For Work In Restricted Working Space, Add	*11.98*	
		For Installation Above 14', Add	*5.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.98*	
26 05 33 13-0236	EA	4" x 8" Long RGS, Nipple	75.17	26.01
		For Work In Restricted Working Space, Add	*15.60*	
		For Installation Above 14', Add	*7.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 05 33 13-0237	EA	5" x 8" Long RGS, Nipple	113.35	35.80
		For Work In Restricted Working Space, Add	*21.48*	
		For Installation Above 14', Add	*10.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.48*	
26 05 33 13-0238	EA	6" x 8" Long RGS, Nipple	143.72	45.90
		For Work In Restricted Working Space, Add	*27.56*	
		For Installation Above 14', Add	*13.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.56*	
26 05 33 13-0239	EA	1/2" x 10" Long RGS, Nipple	13.11	4.90
		For Work In Restricted Working Space, Add	*2.94*	
		For Installation Above 14', Add	*1.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-0240	EA	3/4" x 10" Long RGS, Nipple	15.16	5.65
		For Work In Restricted Working Space, Add	*3.39*	
		For Installation Above 14', Add	*1.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-0241	EA	1" x 10" Long RGS, Nipple	19.56	7.16
		For Work In Restricted Working Space, Add	*4.30*	
		For Installation Above 14', Add	*2.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-0242	EA	1-1/4" x 10" Long RGS, Nipple	23.41	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Installation Above 14', Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0243	EA	1-1/2" x 10" Long RGS, Nipple	27.02	9.42
		For Work In Restricted Working Space, Add	*5.65*	
		For Installation Above 14', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-0244	EA	2" x 10" Long RGS, Nipple	30.80	10.55
		For Work In Restricted Working Space, Add	*6.33*	
		For Installation Above 14', Add	*3.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-0245	EA	2-1/2" x 10" Long RGS, Nipple	43.15	12.81
		For Work In Restricted Working Space, Add	*7.69*	
		For Installation Above 14', Add	*3.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.69*	
26 05 33 13-0246	EA	3" x 10" Long RGS, Nipple	56.63	17.72
		For Work In Restricted Working Space, Add	*10.63*	
		For Installation Above 14', Add	*5.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.63*	
26 05 33 13-0247	EA	3-1/2" x 10" Long RGS, Nipple	64.75	19.97
		For Work In Restricted Working Space, Add	*11.98*	
		For Installation Above 14', Add	*5.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0248	EA	4" x 10" Long RGS, Nipple	80.61	26.01
		For Work In Restricted Working Space, Add	*15.60*	
		For Installation Above 14', Add	*7.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 05 33 13-0249	EA	5" x 10" Long RGS, Nipple	120.55	35.80
		For Work In Restricted Working Space, Add	*21.48*	
		For Installation Above 14', Add	*10.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.48*	
26 05 33 13-0250	EA	6" x 10" Long RGS, Nipple	156.67	45.90
		For Work In Restricted Working Space, Add	*27.56*	
		For Installation Above 14', Add	*13.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.56*	
26 05 33 13-0251	EA	1/2" x 12" Long RGS, Nipple	13.62	4.90
		For Work In Restricted Working Space, Add	*2.94*	
		For Installation Above 14', Add	*1.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-0252	EA	3/4" x 12" Long RGS, Nipple	15.63	5.65
		For Work In Restricted Working Space, Add	*3.39*	
		For Installation Above 14', Add	*1.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-0253	EA	1" x 12" Long RGS, Nipple	20.26	7.16
		For Work In Restricted Working Space, Add	*4.30*	
		For Installation Above 14', Add	*2.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-0254	EA	1-1/4" x 12" Long RGS, Nipple	24.54	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Installation Above 14', Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0255	EA	1-1/2" x 12" Long RGS, Nipple	27.72	9.42
		For Work In Restricted Working Space, Add	*5.65*	
		For Installation Above 14', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-0256	EA	2" x 12" Long RGS, Nipple	32.14	10.55
		For Work In Restricted Working Space, Add	*6.33*	
		For Installation Above 14', Add	*3.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-0257	EA	2-1/2" x 12" Long RGS, Nipple	46.01	12.81
		For Work In Restricted Working Space, Add	*7.69*	
		For Installation Above 14', Add	*3.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.69*	
26 05 33 13-0258	EA	3" x 12" Long RGS, Nipple	61.17	17.72
		For Work In Restricted Working Space, Add	*10.63*	
		For Installation Above 14', Add	*5.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.63*	
26 05 33 13-0259	EA	3-1/2" x 12" Long RGS, Nipple	68.94	19.97
		For Work In Restricted Working Space, Add	*11.98*	
		For Installation Above 14', Add	*5.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.98*	
26 05 33 13-0260	EA	4" x 12" Long RGS, Nipple	86.07	26.01
		For Work In Restricted Working Space, Add	*15.60*	
		For Installation Above 14', Add	*7.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 05 33 13-0261	EA	5" x 12" Long RGS, Nipple	130.90	35.80
		For Work In Restricted Working Space, Add	*21.48*	
		For Installation Above 14', Add	*10.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.48*	
26 05 33 13-0262	EA	6" x 12" Long RGS, Nipple	163.87	45.90
		For Work In Restricted Working Space, Add	*27.56*	
		For Installation Above 14', Add	*13.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.56*	

26 05 33 13-0263 RGS Off-Set Nipples *(26 05 33 13-0042)*

26 05 33 13-0264	EA	1/2" RGS Off-Set Nipple	11.04	3.92
		For Work In Restricted Working Space, Add	*2.96*	
		For Installation Above 14', Add	*1.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.96*	
26 05 33 13-0265	EA	3/4" RGS Off-Set Nipple	13.01	4.52
		For Work In Restricted Working Space, Add	*3.37*	
		For Installation Above 14', Add	*1.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.37*	
26 05 33 13-0266	EA	1" RGS Off-Set Nipple	16.40	5.72
		For Work In Restricted Working Space, Add	*4.31*	
		For Installation Above 14', Add	*2.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-0267	EA	1-1/4" RGS Off-Set Nipple, Insulated	20.49	6.86
		For Work In Restricted Working Space, Add	*5.17*	
		For Installation Above 14', Add	*2.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 05 33 13-0268	EA	1-1/2" RGS Off-Set Nipple, Insulated	22.44	7.54
		For Work In Restricted Working Space, Add	*5.66*	
		For Installation Above 14', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.66*	
26 05 33 13-0269	EA	2" RGS Off-Set Nipple, Insulated	28.92	9.27
		For Work In Restricted Working Space, Add	*6.97*	
		For Installation Above 14', Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0270	EA	2-1/2" RGS Off-Set Nipple, Insulated	47.17	15.08
		For Work In Restricted Working Space, Add	*11.31*	
		For Installation Above 14', Add	*5.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.31*	
26 05 33 13-0271	EA	3" RGS Off-Set Nipple, Insulated	73.52	20.80
		For Work In Restricted Working Space, Add	*15.60*	
		For Installation Above 14', Add	*7.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 05 33 13-0272	EA	3-1/2" RGS Off-Set Nipple, Insulated	42.67	5.42
		For Work In Restricted Working Space, Add	*4.08*	
		For Installation Above 14', Add	*2.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.08*	
26 05 33 13-0273	EA	4" RGS Off-Set Nipple, Insulated	107.42	28.34
		For Work In Restricted Working Space, Add	*21.26*	
		For Installation Above 14', Add	*10.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.26*	

26 05 33 13-0274 RGS Erickson Fittings *(26 05 33 13-0042)*

Note: 3-Piece coupling.

26 05 33 13-0275	EA	1/2" RGS Erickson Fitting	32.65	12.06
		For Work In Restricted Working Space, Add	*9.06*	
		For Installation Above 14', Add	*4.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.06*	
26 05 33 13-0276	EA	3/4" RGS Erickson Fitting	36.79	13.49
		For Work In Restricted Working Space, Add	*10.11*	
		For Installation Above 14', Add	*5.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 05 33 13-0277	EA	1" RGS Erickson Fitting	42.58	15.00
		For Work In Restricted Working Space, Add	*11.26*	
		For Installation Above 14', Add	*5.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.26*	
26 05 33 13-0278	EA	1-1/4" RGS Erickson Fitting	51.26	16.43
		For Work In Restricted Working Space, Add	*12.32*	
		For Installation Above 14', Add	*6.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.32*	
26 05 33 13-0279	EA	1-1/2" RGS Erickson Fitting	59.65	17.94
		For Work In Restricted Working Space, Add	*13.48*	
		For Installation Above 14', Add	*6.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.48*	
26 05 33 13-0280	EA	2" RGS Erickson Fitting	72.29	19.45
		For Work In Restricted Working Space, Add	*14.60*	
		For Installation Above 14', Add	*7.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 05 33 13-0281	EA	2-1/2" RGS Erickson Fitting	113.58	24.12
		For Work In Restricted Working Space, Add	*18.09*	
		For Installation Above 14', Add	*9.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.09*	
26 05 33 13-0282	EA	3" RGS Erickson Fitting	155.29	30.15
		For Work In Restricted Working Space, Add	*22.61*	
		For Installation Above 14', Add	*11.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.61*	
26 05 33 13-0283	EA	3-1/2" RGS Erickson Fitting	213.25	36.18
		For Work In Restricted Working Space, Add	*27.14*	
		For Installation Above 14', Add	*13.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.14*	
26 05 33 13-0284	EA	4" RGS Erickson Fitting	243.92	39.19
		For Work In Restricted Working Space, Add	*29.39*	
		For Installation Above 14', Add	*14.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.39*	
26 05 33 13-0285	EA	5" RGS Erickson Fitting	412.47	48.23
		For Work In Restricted Working Space, Add	*36.17*	
		For Installation Above 14', Add	*18.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.17*	
26 05 33 13-0286	EA	6" RGS Erickson Fitting	530.08	55.77
		For Work In Restricted Working Space, Add	*41.83*	
		For Installation Above 14', Add	*20.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.83*	

26 05 33 13-0287 RGS To EMT Connectors *(26 05 33 13-0042)*

26 05 33 13-0288	EA	1/2" RGS To EMT Connector	18.18	6.03
		For Work In Restricted Working Space, Add	*4.52*	
		For Installation Above 14', Add	*2.26*	
26 05 33 13-0289	EA	3/4" RGS To EMT Connector	20.25	6.64
		For Work In Restricted Working Space, Add	*4.97*	
		For Installation Above 14', Add	*2.49*	
26 05 33 13-0290	EA	1" RGS To EMT Connector	23.22	7.54
		For Work In Restricted Working Space, Add	*5.66*	
		For Installation Above 14', Add	*2.83*	
26 05 33 13-0291	EA	1-1/4" RGS To EMT Connector	26.12	8.14
		For Work In Restricted Working Space, Add	*6.11*	
		For Installation Above 14', Add	*3.05*	
26 05 33 13-0292	EA	1-1/2" RGS To EMT Connector	30.65	9.04
		For Work In Restricted Working Space, Add	*6.78*	
		For Installation Above 14', Add	*3.39*	
26 05 33 13-0293	EA	2" RGS To EMT Connector	36.76	9.95
		For Work In Restricted Working Space, Add	*7.46*	
		For Installation Above 14', Add	*3.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0294	EA	2-1/2" RGS To EMT Connector	49.21	12.06
		For Work In Restricted Working Space, Add	*9.05*	
		For Installation Above 14', Add	*4.52*	
26 05 33 13-0295	EA	3" RGS To EMT Connector	60.95	15.08
		For Work In Restricted Working Space, Add	*11.31*	
		For Installation Above 14', Add	*5.65*	
26 05 33 13-0296	EA	3-1/2" RGS To EMT Connector	73.21	18.09
		For Work In Restricted Working Space, Add	*13.57*	
		For Installation Above 14', Add	*6.78*	
26 05 33 13-0297	EA	4" RGS To EMT Connector	82.23	19.60
		For Work In Restricted Working Space, Add	*14.70*	
		For Installation Above 14', Add	*7.35*	

26 05 33 13-0298 RGS Rain Tight Threaded Hubs *(26 05 33 13-0042)*

26 05 33 13-0299	EA	1/2" RGS Rain Tight Threaded Hubs	16.37	6.03
		For Work In Restricted Working Space, Add	*4.52*	
		For Installation Above 14', Add	*2.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.52*	
26 05 33 13-0300	EA	3/4" RGS Rain Tight Threaded Hubs	20.78	7.54
		For Work In Restricted Working Space, Add	*5.65*	
		For Installation Above 14', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-0301	EA	1" RGS Rain Tight Threaded Hubs	25.49	9.04
		For Work In Restricted Working Space, Add	*6.79*	
		For Installation Above 14', Add	*3.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.79*	
26 05 33 13-0302	EA	1-1/4" RGS Rain Tight Threaded Hubs	30.44	10.55
		For Work In Restricted Working Space, Add	*7.91*	
		For Installation Above 14', Add	*3.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.91*	
26 05 33 13-0303	EA	1-1/2" RGS Rain Tight Threaded Hubs	35.38	12.06
		For Work In Restricted Working Space, Add	*9.05*	
		For Installation Above 14', Add	*4.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.05*	
26 05 33 13-0304	EA	2" RGS Rain Tight Threaded Hubs	41.47	13.57
		For Work In Restricted Working Space, Add	*10.18*	
		For Installation Above 14', Add	*5.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.18*	
26 05 33 13-0305	EA	2-1/2" RGS Rain Tight Threaded Hubs	50.35	15.08
		For Work In Restricted Working Space, Add	*11.31*	
		For Installation Above 14', Add	*5.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.31*	
26 05 33 13-0306	EA	3" RGS Rain Tight Threaded Hubs	58.51	16.58
		For Work In Restricted Working Space, Add	*12.44*	
		For Installation Above 14', Add	*6.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.44*	
26 05 33 13-0307	EA	3-1/2" RGS Rain Tight Threaded Hubs	71.10	19.60
		For Work In Restricted Working Space, Add	*14.70*	
		For Installation Above 14', Add	*7.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.70*	
26 05 33 13-0308	EA	4" RGS Rain Tight Threaded Hubs	80.65	21.10
		For Work In Restricted Working Space, Add	*15.83*	
		For Installation Above 14', Add	*7.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.83*	

26 05 33 13-0309 RGS Expansion Fittings *(26 05 33 13-0042)*

26 05 33 13-0310	EA	1/2" RGS Expansion Coupling	86.12	12.06
		For Work In Restricted Working Space, Add	*9.05*	
		For Installation Above 14', Add	*4.52*	
26 05 33 13-0311	EA	3/4" RGS Expansion Coupling	95.48	13.57
		For Work In Restricted Working Space, Add	*10.18*	
		For Installation Above 14', Add	*5.09*	
26 05 33 13-0312	EA	1" RGS Expansion Coupling	106.10	15.08
		For Work In Restricted Working Space, Add	*11.31*	
		For Installation Above 14', Add	*5.65*	
26 05 33 13-0313	EA	1-1/4" RGS Expansion Coupling	126.80	16.58
		For Work In Restricted Working Space, Add	*12.44*	
		For Installation Above 14', Add	*6.22*	
26 05 33 13-0314	EA	1-1/2" RGS Expansion Coupling	153.47	18.09
		For Work In Restricted Working Space, Add	*13.57*	
		For Installation Above 14', Add	*6.78*	
26 05 33 13-0315	EA	2" RGS Expansion Coupling	198.27	19.60
		For Work In Restricted Working Space, Add	*14.70*	
		For Installation Above 14', Add	*7.35*	
26 05 33 13-0316	EA	2-1/2" RGS Expansion Coupling	294.78	24.12
		For Work In Restricted Working Space, Add	*18.09*	
		For Installation Above 14', Add	*9.05*	
26 05 33 13-0317	EA	3" RGS Expansion Coupling	355.45	30.15
		For Work In Restricted Working Space, Add	*22.61*	
		For Installation Above 14', Add	*11.31*	
26 05 33 13-0318	EA	3-1/2" RGS Expansion Coupling	490.43	36.18
		For Work In Restricted Working Space, Add	*27.14*	
		For Installation Above 14', Add	*13.57*	
26 05 33 13-0319	EA	4" RGS Expansion Coupling	564.96	39.19
		For Work In Restricted Working Space, Add	*29.39*	
		For Installation Above 14', Add	*14.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0320	EA	5" RGS Expansion Coupling	774.29	48.23
		For Work In Restricted Working Space, Add	*36.18*	
		For Installation Above 14', Add	*18.09*	
26 05 33 13-0321	EA	6" RGS Expansion Coupling	1,233.20	53.52
		For Work In Restricted Working Space, Add	*40.16*	
		For Installation Above 14', Add	*20.08*	

26 05 33 13-0322 RGS Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0042)*

26 05 33 13-0323	EA	1/2" RGS Sealing Fitting, Vertical/Horizontal	59.22	18.84
		For Work In Restricted Working Space, Add	*11.31*	
		For Installation Above 14', Add	*5.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.31*	
26 05 33 13-0324	EA	3/4" RGS Sealing Fitting, Vertical/Horizontal	70.52	22.61
		For Work In Restricted Working Space, Add	*13.57*	
		For Installation Above 14', Add	*6.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.57*	
26 05 33 13-0325	EA	1" RGS Sealing Fitting, Vertical/Horizontal	85.26	26.38
		For Work In Restricted Working Space, Add	*15.83*	
		For Installation Above 14', Add	*7.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.83*	
26 05 33 13-0326	EA	1-1/4" RGS Sealing Fitting, Vertical/Horizontal	99.77	30.15
		For Work In Restricted Working Space, Add	*18.09*	
		For Installation Above 14', Add	*9.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.09*	
26 05 33 13-0327	EA	1-1/2" RGS Sealing Fitting, Vertical/Horizontal	127.26	33.92
		For Work In Restricted Working Space, Add	*20.35*	
		For Installation Above 14', Add	*10.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.35*	
26 05 33 13-0328	EA	2" RGS Sealing Fitting, Vertical/Horizontal	152.36	37.69
		For Work In Restricted Working Space, Add	*22.61*	
		For Installation Above 14', Add	*11.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.61*	
26 05 33 13-0329	EA	2-1/2" RGS Conduit Sealing Fitting, Vertical/Horizontal	210.06	45.23
		For Work In Restricted Working Space, Add	*27.13*	
		For Installation Above 14', Add	*13.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.13*	
26 05 33 13-0330	EA	3" RGS Sealing Fitting, Vertical/Horizontal	251.64	52.76
		For Work In Restricted Working Space, Add	*31.66*	
		For Installation Above 14', Add	*15.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.66*	
26 05 33 13-0331	EA	3-1/2" RGS Sealing Fitting, Vertical/Horizontal	542.01	60.30
		For Work In Restricted Working Space, Add	*36.18*	
		For Installation Above 14', Add	*18.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.18*	
26 05 33 13-0332	EA	4" RGS Sealing Fitting, Vertical/Horizontal	623.41	67.84
		For Work In Restricted Working Space, Add	*40.70*	
		For Installation Above 14', Add	*20.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.70*	

26 05 33 13-0333 RGS Threaded Couplings *(26 05 33 13-0042)*

26 05 33 13-0334	EA	1/2" RGS Threaded Coupling	4.50	1.50
		For Work In Restricted Working Space, Add	*1.13*	
		For Installation Above 14', Add	*0.57*	
26 05 33 13-0335	EA	3/4" RGS Threaded Coupling	5.41	1.80
		For Work In Restricted Working Space, Add	*1.36*	
		For Installation Above 14', Add	*0.68*	
26 05 33 13-0336	EA	1" RGS Threaded Coupling	7.37	2.42
		For Work In Restricted Working Space, Add	*1.81*	
		For Installation Above 14', Add	*0.91*	
26 05 33 13-0337	EA	1-1/4" RGS Threaded Coupling	9.20	3.02
		For Work In Restricted Working Space, Add	*2.26*	
		For Installation Above 14', Add	*1.13*	
26 05 33 13-0338	EA	1-1/2" RGS Threaded Coupling	11.90	3.92
		For Work In Restricted Working Space, Add	*2.94*	
		For Installation Above 14', Add	*1.47*	
26 05 33 13-0339	EA	2" RGS Threaded Coupling	14.07	4.52
		For Work In Restricted Working Space, Add	*3.39*	
		For Installation Above 14', Add	*1.70*	
26 05 33 13-0340	EA	2-1/2" RGS Threaded Coupling	20.44	5.72
		For Work In Restricted Working Space, Add	*4.30*	
		For Installation Above 14', Add	*2.15*	
26 05 33 13-0341	EA	3" RGS Threaded Coupling	27.21	7.54
		For Work In Restricted Working Space, Add	*5.66*	
		For Installation Above 14', Add	*2.83*	
26 05 33 13-0342	EA	3-1/2" RGS Threaded Coupling	33.04	8.74
		For Work In Restricted Working Space, Add	*6.56*	
		For Installation Above 14', Add	*3.28*	
26 05 33 13-0343	EA	4" Threaded RGS Coupling	34.63	9.34
		For Work In Restricted Working Space, Add	*7.01*	
		For Installation Above 14', Add	*3.51*	

26 05 33 13-0344 RGS Reducing Bushings *(26 05 33 13-0042)*

26 05 33 13-0345	EA	1/2" To 3/4" RGS Reducing Bushing	4.59	1.50
		For Work In Restricted Working Space, Add	*1.13*	
		For Installation Above 14', Add	*0.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0346	EA	3/4" To 1" RGS Reducing Bushing	5.06	1.50
		For Work In Restricted Working Space, Add	*1.13*	
		For Installation Above 14', Add	*0.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.13*	
26 05 33 13-0347	EA	1" To 1-1/4" RGS Reducing Bushing	8.93	2.42
		For Work In Restricted Working Space, Add	*1.81*	
		For Installation Above 14', Add	*0.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.81*	
26 05 33 13-0348	EA	1-1/4" To 1-1/2" RGS Reducing Bushing	11.13	3.02
		For Work In Restricted Working Space, Add	*2.26*	
		For Installation Above 14', Add	*1.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.26*	
26 05 33 13-0349	EA	1-1/2" To 2" RGS Reducing Bushing	18.22	3.92
		For Work In Restricted Working Space, Add	*2.94*	
		For Installation Above 14', Add	*1.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-0350	EA	2" To 2-1/2" RGS Reducing Bushing	23.66	4.52
		For Work In Restricted Working Space, Add	*3.39*	
		For Installation Above 14', Add	*1.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-0351	EA	2-1/2" To 3" RGS Reducing Bushing	28.79	5.72
		For Work In Restricted Working Space, Add	*4.30*	
		For Installation Above 14', Add	*2.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	

26 05 33 13-0352 RGS Sealing Locknut In Lieu Of Locknut *(26 05 33 13-0042)*

26 05 33 13-0353	EA	1/2" RGS Sealing Locknut In Lieu Of Locknut, Add	0.58
26 05 33 13-0354	EA	3/4" RGS Sealing Locknut In Lieu Of Locknut, Add	0.65
26 05 33 13-0355	EA	1" RGS Sealing Locknut In Lieu Of Locknut, Add	0.96
26 05 33 13-0356	EA	1-1/4" RGS Sealing Locknut In Lieu Of Locknut, Add	1.40
26 05 33 13-0357	EA	1-1/2" RGS Sealing Locknut In Lieu Of Locknut, Add	1.76
26 05 33 13-0358	EA	2" RGS Sealing Locknut In Lieu Of Locknut, Add	2.09

26 05 33 13-0359 RGS Expansion Joints With Bonding Jumper *(26 05 33 13-0042)*

26 05 33 13-0360	EA	2-1/2" RGS Expansion Joint With Bonding Jumper	425.57	65.73
		For Work In Restricted Working Space, Add	*49.28*	
		For Installation Above 14', Add	*24.64*	
26 05 33 13-0361	EA	3" RGS Expansion Joint With Bonding Jumper	507.26	76.96
		For Work In Restricted Working Space, Add	*57.74*	
		For Installation Above 14', Add	*28.87*	
26 05 33 13-0362	EA	3-1/2" RGS Expansion Joint With Bonding Jumper	671.35	88.49
		For Work In Restricted Working Space, Add	*66.35*	
		For Installation Above 14', Add	*33.18*	
26 05 33 13-0363	EA	4" RGS Expansion Joint With Bonding Jumper	772.21	98.58
		For Work In Restricted Working Space, Add	*73.95*	
		For Installation Above 14', Add	*36.97*	
26 05 33 13-0364	EA	5" RGS Expansion Joint With Bonding Jumper	1,290.03	114.42
		For Work In Restricted Working Space, Add	*85.81*	
		For Installation Above 14', Add	*42.90*	
26 05 33 13-0365	EA	6" RGS Expansion Joint With Bonding Jumper	1,994.49	132.50
		For Work In Restricted Working Space, Add	*99.41*	
		For Installation Above 14', Add	*49.70*	

26 05 33 13-0366 RGS Fire Stop Fittings *(26 05 33 13-0042)*

26 05 33 13-0367	EA	1/2" RGS Fire Stop Fitting	110.91	10.03
		For Work In Restricted Working Space, Add	*7.54*	
		For Installation Above 14', Add	*3.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.54*	
26 05 33 13-0368	EA	3/4" RGS Fire Stop Fitting	110.86	10.03
		For Work In Restricted Working Space, Add	*7.52*	
		For Installation Above 14', Add	*3.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.52*	
26 05 33 13-0369	EA	1" RGS Fire Stop Fitting	132.46	11.01
		For Work In Restricted Working Space, Add	*8.24*	
		For Installation Above 14', Add	*4.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.24*	
26 05 33 13-0370	EA	1-1/4" RGS Fire Stop Fitting	145.42	12.06
		For Work In Restricted Working Space, Add	*9.05*	
		For Installation Above 14', Add	*4.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.05*	
26 05 33 13-0371	EA	1-1/2" RGS Fire Stop Fitting	162.05	12.06
		For Work In Restricted Working Space, Add	*9.05*	
		For Installation Above 14', Add	*4.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.05*	
26 05 33 13-0372	EA	2" RGS Fire Stop Fitting	242.58	15.08
		For Work In Restricted Working Space, Add	*11.31*	
		For Installation Above 14', Add	*5.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.31*	
26 05 33 13-0373	EA	2-1/2" RGS Fire Stop Fitting	280.76	20.12
		For Work In Restricted Working Space, Add	*15.08*	
		For Installation Above 14', Add	*7.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.08*	
26 05 33 13-0374	EA	3" RGS Fire Stop Fitting	306.36	20.12
		For Work In Restricted Working Space, Add	*15.08*	
		For Installation Above 14', Add	*7.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0375	EA	3-1/2" RGS Fire Stop Fitting	361.22	24.12
		For Work In Restricted Working Space, Add	*18.09*	
		For Installation Above 14', Add	*9.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.09*	
26 05 33 13-0376	EA	4" RGS Fire Stop Fitting	399.62	24.12
		For Work In Restricted Working Space, Add	*18.09*	
		For Installation Above 14', Add	*9.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.09*	
26 05 33 13-0377	EA	5" RGS Fire Stop Fitting	542.73	30.15
		For Work In Restricted Working Space, Add	*22.61*	
		For Installation Above 14', Add	*11.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.61*	
26 05 33 13-0378	EA	6" RGS Fire Stop Fitting	664.39	30.15
		For Work In Restricted Working Space, Add	*22.61*	
		For Installation Above 14', Add	*11.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.61*	

26 05 33 13-0379 Electrical Metallic Tubing (EMT) Thinwall Conduit *(26 05 33 13-0041)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0380 EMT Thinwall Conduit *(26 05 33 13-0379)*

Note: Includes field bending conduit up to and including 1".

26 05 33 13-0381	LF	1/2" EMT Conduit	3.71	0.90
		For Work In Restricted Working Space, Add	*1.02*	
		For Installation Above 14', Add	*0.51*	
		For >250 To 500, Deduct	*-0.02*	
		For >500 To 1000, Deduct	*-0.19*	
		For >1000, Deduct	*-0.29*	
		For Installation In Metal Stud Wall, Add	*0.34*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.85*	
		For Installation In Concrete (Excludes Concrete), Add	*0.51*	
26 05 33 13-0382	LF	3/4" EMT Conduit	4.35	1.20
		For Work In Restricted Working Space, Add	*1.13*	
		For Installation Above 14', Add	*0.57*	
		For >250 To 500, Deduct	*-0.03*	
		For >500 To 1000, Deduct	*-0.23*	
		For >1000, Deduct	*-0.34*	
		For Installation In Metal Stud Wall, Add	*0.38*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.94*	
		For Installation In Concrete (Excludes Concrete), Add	*0.57*	
26 05 33 13-0383	LF	1" EMT Conduit	5.17	1.50
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation Above 14', Add	*0.62*	
		For >250 To 500, Deduct	*-0.05*	
		For >500 To 1000, Deduct	*-0.28*	
		For >1000, Deduct	*-0.41*	
		For Installation In Metal Stud Wall, Add	*0.41*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.04*	
		For Installation In Concrete (Excludes Concrete), Add	*0.62*	
26 05 33 13-0384	LF	1-1/4" EMT Conduit	6.11	1.80
		For Work In Restricted Working Space, Add	*1.40*	
		For Installation Above 14', Add	*0.70*	
		For >250 To 500, Deduct	*-0.07*	
		For >500 To 1000, Deduct	*-0.34*	
		For >1000, Deduct	*-0.49*	
		For Installation In Metal Stud Wall, Add	*0.47*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.17*	
		For Installation In Concrete (Excludes Concrete), Add	*0.70*	
26 05 33 13-0385	LF	1-1/2" EMT Conduit	7.04	2.42
		For Work In Restricted Working Space, Add	*1.58*	
		For Installation Above 14', Add	*0.79*	
		For >250 To 500, Deduct	*-0.09*	
		For >500 To 1000, Deduct	*-0.40*	
		For >1000, Deduct	*-0.57*	
		For Installation In Metal Stud Wall, Add	*0.53*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.32*	
		For Installation In Concrete (Excludes Concrete), Add	*0.79*	
26 05 33 13-0386	LF	2" EMT Conduit	8.21	2.72
		For Work In Restricted Working Space, Add	*1.81*	
		For Installation Above 14', Add	*0.90*	
		For >250 To 500, Deduct	*-0.11*	
		For >500 To 1000, Deduct	*-0.47*	
		For >1000, Deduct	*-0.67*	
		For Installation In Metal Stud Wall, Add	*0.60*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.51*	
		For Installation In Concrete (Excludes Concrete), Add	*0.90*	
26 05 33 13-0387	LF	2-1/2" EMT Conduit	10.46	3.02
		For Work In Restricted Working Space, Add	*2.15*	
		For Installation Above 14', Add	*1.07*	
		For >250 To 500, Deduct	*-0.17*	
		For >500 To 1000, Deduct	*-0.61*	
		For >1000, Deduct	*-0.87*	
		For Installation In Metal Stud Wall, Add	*0.72*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.79*	
		For Installation In Concrete (Excludes Concrete), Add	*1.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0388	LF	3" EMT Conduit	12.49	3.92
		For Work In Restricted Working Space, Add	*2.49*	
		For Installation Above 14', Add	*1.24*	
		For >250 To 500, Deduct	*-0.21*	
		For >500 To 1000, Deduct	*-0.73*	
		For >1000, Deduct	*-1.04*	
		For Installation In Metal Stud Wall, Add	*0.83*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.07*	
		For Installation In Concrete (Excludes Concrete), Add	*1.24*	
26 05 33 13-0389	LF	3-1/2" EMT Conduit	15.58	4.52
		For Work In Restricted Working Space, Add	*2.94*	
		For Installation Above 14', Add	*1.47*	
		For >250 To 500, Deduct	*-0.29*	
		For >500 To 1000, Deduct	*-0.92*	
		For >1000, Deduct	*-1.31*	
		For Installation In Metal Stud Wall, Add	*0.98*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.45*	
		For Installation In Concrete (Excludes Concrete), Add	*1.47*	
26 05 33 13-0390	LF	4" EMT Conduit	36.48	13.56
		For Work In Restricted Working Space, Add	*9.04*	
		For Installation Above 14', Add	*4.52*	
		For >250 To 500, Deduct	*-0.32*	
		For >500 To 1000, Deduct	*-1.98*	
		For >1000, Deduct	*-2.89*	
		For Installation In Metal Stud Wall, Add	*3.01*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*7.54*	
		For Installation In Concrete (Excludes Concrete), Add	*4.52*	

26 05 33 13-0391 EMT 90 Degree Elbows *(26 05 33 13-0379)*

See CSI section 26 05 33 13-1789 for conduit field bending.

26 05 33 13-0392	EA	1/2" EMT 90 Degree Elbow	9.90	3.32
		For Work In Restricted Working Space, Add	*2.49*	
		For Installation Above 14', Add	*1.24*	
26 05 33 13-0393	EA	3/4" EMT 90 Degree Elbow	10.95	3.62
		For Work In Restricted Working Space, Add	*2.71*	
		For Installation Above 14', Add	*1.36*	
26 05 33 13-0394	EA	1" EMT 90 Degree Elbow	12.63	4.22
		For Work In Restricted Working Space, Add	*3.17*	
		For Installation Above 14', Add	*1.58*	
26 05 33 13-0395	EA	1-1/4" EMT 90 Degree Elbow	14.14	4.52
		For Work In Restricted Working Space, Add	*3.39*	
		For Installation Above 14', Add	*1.70*	
26 05 33 13-0396	EA	1-1/2" EMT 90 Degree Elbow	17.24	5.42
		For Work In Restricted Working Space, Add	*4.07*	
		For Installation Above 14', Add	*2.04*	
26 05 33 13-0397	EA	2" EMT 90 Degree Elbow	23.30	6.94
		For Work In Restricted Working Space, Add	*5.20*	
		For Installation Above 14', Add	*2.60*	
26 05 33 13-0398	EA	2-1/2" EMT 90 Degree Elbow	34.90	7.84
		For Work In Restricted Working Space, Add	*5.88*	
		For Installation Above 14', Add	*2.94*	
26 05 33 13-0399	EA	3" EMT 90 Degree Elbow	43.68	8.74
		For Work In Restricted Working Space, Add	*6.56*	
		For Installation Above 14', Add	*3.28*	
26 05 33 13-0400	EA	3-1/2" EMT 90 Degree Elbow	52.06	9.64
		For Work In Restricted Working Space, Add	*7.24*	
		For Installation Above 14', Add	*3.62*	
26 05 33 13-0401	EA	4" EMT 90 Degree Elbow	101.13	26.37
		For Work In Restricted Working Space, Add	*19.78*	
		For Installation Above 14', Add	*9.89*	

26 05 33 13-0402 EMT Set Screw Couplings *(26 05 33 13-0379)*

26 05 33 13-0403	EA	1/2" EMT Set Screw Coupling	3.95	1.80
		For Work In Restricted Working Space, Add	*1.13*	
		For Installation Above 14', Add	*0.57*	
26 05 33 13-0404	EA	3/4" EMT Set Screw Coupling	4.84	1.80
		For Work In Restricted Working Space, Add	*1.36*	
		For Installation Above 14', Add	*0.68*	
26 05 33 13-0405	EA	1" EMT Set Screw Coupling	5.82	2.11
		For Work In Restricted Working Space, Add	*1.58*	
		For Installation Above 14', Add	*0.79*	
26 05 33 13-0406	EA	1-1/4" EMT Set Screw Coupling	7.76	2.72
		For Work In Restricted Working Space, Add	*2.03*	
		For Installation Above 14', Add	*1.02*	
26 05 33 13-0407	EA	1-1/2" EMT Set Screw Coupling	9.70	3.32
		For Work In Restricted Working Space, Add	*2.49*	
		For Installation Above 14', Add	*1.24*	
26 05 33 13-0408	EA	2" EMT Set Screw Coupling	13.15	4.52
		For Work In Restricted Working Space, Add	*3.39*	
		For Installation Above 14', Add	*1.70*	
26 05 33 13-0409	EA	2-1/2" EMT Set Screw Coupling	19.11	6.03
		For Work In Restricted Working Space, Add	*4.52*	
		For Installation Above 14', Add	*2.26*	
26 05 33 13-0410	EA	3" EMT Set Screw Coupling	23.74	6.94
		For Work In Restricted Working Space, Add	*5.65*	
		For Installation Above 14', Add	*2.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0411	EA	3-1/2" EMT Set Screw Coupling	28.57	7.54
		For Work In Restricted Working Space, Add	*6.78*	
		For Installation Above 14', Add	*3.39*	
26 05 33 13-0412	EA	4" EMT Set Screw Coupling	77.72	21.85
		For Work In Restricted Working Space, Add	*21.22*	
		For Installation Above 14', Add	*10.61*	

26 05 33 13-0413 EMT Compression Couplings *(26 05 33 13-0379)*

26 05 33 13-0414	EA	1/2 EMT Compression Coupling	5.26	1.97
		For Work In Restricted Working Space, Add	*1.49*	
		For Installation Above 14', Add	*0.74*	
26 05 33 13-0415	EA	3/4" EMT Compression Coupling	5.73	2.11
		For Work In Restricted Working Space, Add	*1.58*	
		For Installation Above 14', Add	*0.79*	
26 05 33 13-0416	EA	1" EMT Compression Coupling	8.31	3.02
		For Work In Restricted Working Space, Add	*2.26*	
		For Installation Above 14', Add	*1.13*	
26 05 33 13-0417	EA	1-1/4" EMT Compression Coupling	10.40	3.62
		For Work In Restricted Working Space, Add	*2.71*	
		For Installation Above 14', Add	*1.36*	
26 05 33 13-0418	EA	1-1/2" EMT Compression Coupling	12.49	4.22
		For Work In Restricted Working Space, Add	*3.17*	
		For Installation Above 14', Add	*1.58*	
26 05 33 13-0419	EA	2" EMT Compression Coupling	15.60	5.12
		For Work In Restricted Working Space, Add	*3.84*	
		For Installation Above 14', Add	*1.92*	
26 05 33 13-0420	EA	2-1/2" EMT Compression Coupling	26.71	7.59
		For Work In Restricted Working Space, Add	*5.69*	
		For Installation Above 14', Add	*2.84*	
26 05 33 13-0421	EA	3" EMT Compression Coupling	30.64	8.44
		For Work In Restricted Working Space, Add	*6.33*	
		For Installation Above 14', Add	*3.17*	
26 05 33 13-0422	EA	3-1/2" EMT Compression Coupling	38.86	10.55
		For Work In Restricted Working Space, Add	*7.91*	
		For Installation Above 14', Add	*3.96*	
26 05 33 13-0423	EA	4" EMT Compression Coupling	47.50	13.57
		For Work In Restricted Working Space, Add	*10.18*	
		For Installation Above 14', Add	*5.09*	

26 05 33 13-0424 EMT Box Connectors With Set Screw *(26 05 33 13-0379)*

26 05 33 13-0425	EA	1/2" EMT Box Connector With Set Screw	3.98	1.50
		For Work In Restricted Working Space, Add	*1.13*	
		For Installation Above 14', Add	*0.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.13*	
26 05 33 13-0426	EA	3/4" EMT Box Connector With Set Screw	4.89	1.80
		For Work In Restricted Working Space, Add	*1.36*	
		For Installation Above 14', Add	*0.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.36*	
26 05 33 13-0427	EA	1" EMT Box Connector With Set Screw	5.81	2.11
		For Work In Restricted Working Space, Add	*1.58*	
		For Installation Above 14', Add	*0.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.58*	
26 05 33 13-0428	EA	1-1/4" EMT Box Connector With Set Screw	8.43	3.02
		For Work In Restricted Working Space, Add	*2.26*	
		For Installation Above 14', Add	*1.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.26*	
26 05 33 13-0429	EA	1-1/2" EMT Box Connector With Set Screw	10.57	3.62
		For Work In Restricted Working Space, Add	*2.71*	
		For Installation Above 14', Add	*1.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 05 33 13-0430	EA	2" EMT Box Connector With Set Screw	13.30	4.52
		For Work In Restricted Working Space, Add	*3.39*	
		For Installation Above 14', Add	*1.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-0431	EA	2-1/2" EMT Box Connector With Set Screw	19.90	6.03
		For Work In Restricted Working Space, Add	*4.52*	
		For Installation Above 14', Add	*2.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.52*	
26 05 33 13-0432	EA	3" EMT Box Connector With Set Screw	24.58	7.54
		For Work In Restricted Working Space, Add	*5.65*	
		For Installation Above 14', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-0433	EA	3-1/2" EMT Box Connector With Set Screw	29.42	9.04
		For Work In Restricted Working Space, Add	*6.78*	
		For Installation Above 14', Add	*3.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.78*	
26 05 33 13-0434	EA	4" EMT Box Connector With Set Screw	34.26	10.55
		For Work In Restricted Working Space, Add	*7.91*	
		For Installation Above 14', Add	*3.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.91*	

26 05 33 13-0435 EMT Insulated Box Connectors With Set Screw *(26 05 33 13-0379)*

26 05 33 13-0436	EA	1/2" EMT Insulated Box Connector With Set Screw	5.75	2.04
		For Work In Restricted Working Space, Add	*1.52*	
		For Installation Above 14', Add	*0.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0437	EA	3/4" EMT Insulated Box Connector With Set Screw	6.62	2.19
		For Work In Restricted Working Space, Add	*1.65*	
		For Installation Above 14', Add	*0.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.65*	
26 05 33 13-0438	EA	1" EMT Insulated Box Connector With Set Screw	8.57	2.72
		For Work In Restricted Working Space, Add	*2.01*	
		For Installation Above 14', Add	*1.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.01*	
26 05 33 13-0439	EA	1-1/4" EMT Insulated Box Connector With Set Screw	11.85	3.47
		For Work In Restricted Working Space, Add	*2.58*	
		For Installation Above 14', Add	*1.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.58*	
26 05 33 13-0440	EA	1-1/2" EMT Insulated Box Connector With Set Screw	14.82	3.99
		For Work In Restricted Working Space, Add	*3.01*	
		For Installation Above 14', Add	*1.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.01*	
26 05 33 13-0441	EA	2" EMT Insulated Box Connector With Set Screw	18.99	4.82
		For Work In Restricted Working Space, Add	*3.62*	
		For Installation Above 14', Add	*1.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.62*	
26 05 33 13-0442	EA	2-1/2" EMT Insulated Box Connector With Set Screw	47.45	6.71
		For Work In Restricted Working Space, Add	*5.02*	
		For Installation Above 14', Add	*2.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.02*	
26 05 33 13-0443	EA	3" EMT Insulated Box Connector With Set Screw	58.61	8.89
		For Work In Restricted Working Space, Add	*6.69*	
		For Installation Above 14', Add	*3.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 05 33 13-0444	EA	3-1/2" EMT Insulated Box Connector With Set Screw	78.04	11.46
		For Work In Restricted Working Space, Add	*8.61*	
		For Installation Above 14', Add	*4.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.61*	
26 05 33 13-0445	EA	4" EMT Insulated Box Connector With Set Screw	91.68	15.08
		For Work In Restricted Working Space, Add	*11.31*	
		For Installation Above 14', Add	*5.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.31*	

26 05 33 13-0446 EMT Box Compression Connectors *(26 05 33 13-0379)*

26 05 33 13-0447	EA	1/2" EMT Box Compression Connector	5.78	1.80
		For Work In Restricted Working Space, Add	*1.36*	
		For Installation Above 14', Add	*0.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.36*	
26 05 33 13-0448	EA	3/4" EMT Box Compression Connector	6.99	2.11
		For Work In Restricted Working Space, Add	*1.58*	
		For Installation Above 14', Add	*0.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.58*	
26 05 33 13-0449	EA	1" EMT Box Compression Connector	9.06	2.42
		For Work In Restricted Working Space, Add	*1.81*	
		For Installation Above 14', Add	*0.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.81*	
26 05 33 13-0450	EA	1-1/4" EMT Box Compression Connector	14.90	3.62
		For Work In Restricted Working Space, Add	*2.71*	
		For Installation Above 14', Add	*1.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 05 33 13-0451	EA	1-1/2" EMT Box Compression Connector	19.16	4.22
		For Work In Restricted Working Space, Add	*3.17*	
		For Installation Above 14', Add	*1.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.17*	
26 05 33 13-0452	EA	2" EMT Box Compression Connector	26.37	5.42
		For Work In Restricted Working Space, Add	*4.07*	
		For Installation Above 14', Add	*2.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.07*	
26 05 33 13-0453	EA	2-1/2" EMT Box Compression Connector	61.84	7.24
		For Work In Restricted Working Space, Add	*5.43*	
		For Installation Above 14', Add	*2.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.43*	
26 05 33 13-0454	EA	3" EMT Box Compression Connector	81.25	9.04
		For Work In Restricted Working Space, Add	*6.78*	
		For Installation Above 14', Add	*3.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.78*	
26 05 33 13-0455	EA	3-1/2" EMT Box Compression Connector	111.08	10.55
		For Work In Restricted Working Space, Add	*7.91*	
		For Installation Above 14', Add	*3.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.91*	
26 05 33 13-0456	EA	4" EMT Box Compression Connector	117.65	12.06
		For Work In Restricted Working Space, Add	*9.05*	
		For Installation Above 14', Add	*4.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.05*	

26 05 33 13-0457 EMT Insulated Box Compression Connectors *(26 05 33 13-0379)*

26 05 33 13-0458	EA	1/2" EMT Insulated Box Compression Connector	6.45	2.04
		For Work In Restricted Working Space, Add	*1.52*	
		For Installation Above 14', Add	*0.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.52*	
26 05 33 13-0459	EA	3/4" EMT Insulated Box Compression Connector	7.45	2.19
		For Work In Restricted Working Space, Add	*1.65*	
		For Installation Above 14', Add	*0.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0460	EA	1" EMT Insulated Box Compression Connector	10.06	2.72
		For Work In Restricted Working Space, Add	*2.01*	
		For Installation Above 14', Add	*1.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.01*	
26 05 33 13-0461	EA	1-1/4" EMT Insulated Box Compression Connector	15.29	3.47
		For Work In Restricted Working Space, Add	*2.58*	
		For Installation Above 14', Add	*1.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.58*	
26 05 33 13-0462	EA	1-1/2" EMT Insulated Box Compression Connector	19.76	3.99
		For Work In Restricted Working Space, Add	*3.01*	
		For Installation Above 14', Add	*1.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.01*	
26 05 33 13-0463	EA	2" EMT Insulated Box Compression Connector	26.21	4.82
		For Work In Restricted Working Space, Add	*3.62*	
		For Installation Above 14', Add	*1.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.62*	
26 05 33 13-0464	EA	2-1/2" EMT Insulated Box Compression Connector	71.65	6.71
		For Work In Restricted Working Space, Add	*5.02*	
		For Installation Above 14', Add	*2.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.02*	
26 05 33 13-0465	EA	3" EMT Insulated Box Compression Connector	93.05	8.89
		For Work In Restricted Working Space, Add	*6.69*	
		For Installation Above 14', Add	*3.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.69*	
26 05 33 13-0466	EA	3-1/2" EMT Insulated Box Compression Connector	126.45	11.46
		For Work In Restricted Working Space, Add	*8.61*	
		For Installation Above 14', Add	*4.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.61*	
26 05 33 13-0467	EA	4" EMT Insulated Box Compression Connector	142.87	15.08
		For Work In Restricted Working Space, Add	*11.31*	
		For Installation Above 14', Add	*5.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.31*	

26 05 33 13-0468 EMT Expansion Fittings *(26 05 33 13-0379)*

Note: Excludes jumper.

26 05 33 13-0469	EA	1/2" EMT Expansion Fitting	53.00	10.03
		For Work In Restricted Working Space, Add	*7.52*	
		For Installation Above 14', Add	*3.76*	
26 05 33 13-0470	EA	3/4" EMT Expansion Fitting	63.72	12.13
		For Work In Restricted Working Space, Add	*9.12*	
		For Installation Above 14', Add	*4.56*	
26 05 33 13-0471	EA	1" EMT Expansion Fitting	80.14	15.23
		For Work In Restricted Working Space, Add	*11.40*	
		For Installation Above 14', Add	*5.70*	
26 05 33 13-0472	EA	1-1/4" EMT Expansion Fitting	98.69	18.69
		For Work In Restricted Working Space, Add	*14.03*	
		For Installation Above 14', Add	*7.01*	
26 05 33 13-0473	EA	1-1/2" EMT Expansion Fitting	125.38	21.94
		For Work In Restricted Working Space, Add	*16.45*	
		For Installation Above 14', Add	*8.22*	
26 05 33 13-0474	EA	2" EMT Expansion Fitting	171.61	26.68
		For Work In Restricted Working Space, Add	*20.03*	
		For Installation Above 14', Add	*10.02*	
26 05 33 13-0475	EA	2-1/2" EMT Expansion Fitting	251.35	34.30
		For Work In Restricted Working Space, Add	*25.73*	
		For Installation Above 14', Add	*12.86*	
26 05 33 13-0476	EA	3" EMT Expansion Fitting	303.10	40.09
		For Work In Restricted Working Space, Add	*30.08*	
		For Installation Above 14', Add	*15.04*	
26 05 33 13-0477	EA	3-1/2" EMT Expansion Fitting	388.57	43.71
		For Work In Restricted Working Space, Add	*32.80*	
		For Installation Above 14', Add	*16.40*	
26 05 33 13-0478	EA	4" EMT Expansion Fitting	473.36	48.23
		For Work In Restricted Working Space, Add	*36.19*	
		For Installation Above 14', Add	*18.09*	

26 05 33 13-0479 EMT To Flexible Conduit Compression Adapters *(26 05 33 13-0379)*

26 05 33 13-0480	EA	1/2" To 3/8" EMT To Flexible Conduit Compression Adapter	8.37	2.72
		For Work In Restricted Working Space, Add	*2.01*	
		For Installation Above 14', Add	*1.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.01*	
26 05 33 13-0481	EA	1/2" EMT To Flexible Conduit Compression Adapter	9.74	2.72
		For Work In Restricted Working Space, Add	*2.01*	
		For Installation Above 14', Add	*1.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.01*	
26 05 33 13-0482	EA	3/4" EMT To Flexible Conduit Compression Adapter	11.36	2.94
		For Work In Restricted Working Space, Add	*2.23*	
		For Installation Above 14', Add	*1.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.23*	
26 05 33 13-0483	EA	1" EMT To Flexible Conduit Compression Adapter	18.75	3.39
		For Work In Restricted Working Space, Add	*2.54*	
		For Installation Above 14', Add	*1.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.54*	
26 05 33 13-0484	EA	1-1/4" EMT To Flexible Conduit Compression Adapter	22.73	4.07
		For Work In Restricted Working Space, Add	*3.07*	
		For Installation Above 14', Add	*1.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0485	EA	1-1/2" EMT To Flexible Conduit Compression Adapter	25.86	4.67
		For Work In Restricted Working Space, Add	*3.51*	
		For Installation Above 14', Add	*1.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.51*	
26 05 33 13-0486	EA	2" EMT To Flexible Conduit Compression Adapter	35.20	5.88
		For Work In Restricted Working Space, Add	*4.39*	
		For Installation Above 14', Add	*2.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.39*	

26 05 33 13-0487 EMT Type LB, LR Or LL Two Hub Conduit Bodies With Cover And Set Screw *(26 05 33 13-0379)*

26 05 33 13-0488	EA	1/2" EMT Type LB, LR Or LL Two Hub Conduit Body With Cover And Set Screw	20.50	5.72
		For Work In Restricted Working Space, Add	*4.30*	
		For Installation Above 14', Add	*2.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-0489	EA	3/4" EMT Type LB, LR Or LL Two Hub Conduit Body With Cover And Set Screw	26.38	7.54
		For Work In Restricted Working Space, Add	*5.65*	
		For Installation Above 14', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-0490	EA	1" EMT Type LB, LR Or LL Two Hub Conduit Body With Cover And Set Screw	34.48	9.34
		For Work In Restricted Working Space, Add	*7.01*	
		For Installation Above 14', Add	*3.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.01*	
26 05 33 13-0491	EA	1-1/4" EMT Type LB, LR Or LL Two Hub Conduit Body With Cover And Set Screw	44.61	11.46
		For Work In Restricted Working Space, Add	*8.59*	
		For Installation Above 14', Add	*4.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.59*	
26 05 33 13-0492	EA	1-1/2" EMT Type LB, LR Or LL Two Hub Conduit Body With Cover And Set Screw	53.26	13.26
		For Work In Restricted Working Space, Add	*9.95*	
		For Installation Above 14', Add	*4.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.95*	
26 05 33 13-0493	EA	2" EMT Type LB, LR Or LL Two Hub Conduit Body With Cover And Set Screw	71.00	15.08
		For Work In Restricted Working Space, Add	*11.31*	
		For Installation Above 14', Add	*5.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.31*	

26 05 33 13-0494 EMT Type T Three Hub Conduit Bodies With Cover And Set Screw *(26 05 33 13-0379)*

26 05 33 13-0495	EA	1/2" EMT Type T Three Hub Conduit Body With Cover And Set Screw	26.58	7.54
		For Work In Restricted Working Space, Add	*5.65*	
		For Installation Above 14', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-0496	EA	3/4" EMT Type T Three Hub Conduit Body With Cover And Set Screw	33.16	9.34
		For Work In Restricted Working Space, Add	*7.01*	
		For Installation Above 14', Add	*3.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.01*	
26 05 33 13-0497	EA	1" EMT Type T Three Hub Conduit Body With Cover And Set Screw	42.01	11.46
		For Work In Restricted Working Space, Add	*8.59*	
		For Installation Above 14', Add	*4.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.59*	
26 05 33 13-0498	EA	1-1/4" EMT Type T Three Hub Conduit Body With Cover And Set Screw	55.71	13.26
		For Work In Restricted Working Space, Add	*9.95*	
		For Installation Above 14', Add	*4.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.95*	
26 05 33 13-0499	EA	1-1/2" EMT Type T Three Hub Conduit Body With Cover And Set Screw	67.57	15.08
		For Work In Restricted Working Space, Add	*11.31*	
		For Installation Above 14', Add	*5.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.31*	
26 05 33 13-0500	EA	2" EMT Type T Three Hub Conduit Body With Cover And Set Screw	90.22	16.88
		For Work In Restricted Working Space, Add	*12.66*	
		For Installation Above 14', Add	*6.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.66*	

26 05 33 13-0501 Intermediate Metal Conduit (IMC) *(26 05 33 13-0041)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0502 IMC Conduit *(26 05 33 13-0501)*

Note: Includes field bending conduit up to 1".

26 05 33 13-0503	LF	1/2" IMC Conduit	4.70	0.90
		For Installation Above 14', Add	*0.57*	
		For Work In Restricted Working Space, Add	*1.13*	
		For >250 To 500, Deduct	*-0.05*	
		For >500 To 1000, Deduct	*-0.07*	
		For >1000, Deduct	*-0.09*	
		For Installation In Metal Stub Wall, Add	*0.38*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.94*	
		For Installation In Concrete (Excludes Concrete), Add	*0.57*	
26 05 33 13-0504	LF	3/4" IMC Conduit	5.25	1.20
		For Installation Above 14', Add	*0.62*	
		For Work In Restricted Working Space, Add	*1.24*	
		For >250 To 500, Deduct	*-0.06*	
		For >500 To 1000, Deduct	*-0.08*	
		For >1000, Deduct	*-0.11*	
		For Installation In Metal Stub Wall, Add	*0.41*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.04*	
		For Installation In Concrete (Excludes Concrete), Add	*0.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0505	LF	1" IMC Conduit	6.23	1.50
		For Installation Above 14', Add	*0.68*	
		For Work In Restricted Working Space, Add	*1.36*	
		For >250 To 500, Deduct	*-0.09*	
		For >500 To 1000, Deduct	*-0.13*	
		For >1000, Deduct	*-0.17*	
		For Installation In Metal Stub Wall, Add	*0.45*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.13*	
		For Installation In Concrete (Excludes Concrete), Add	*0.68*	
26 05 33 13-0506	LF	1-1/4" IMC Conduit	7.44	1.80
		For Installation Above 14', Add	*0.79*	
		For Work In Restricted Working Space, Add	*1.58*	
		For >250 To 500, Deduct	*-0.11*	
		For >500 To 1000, Deduct	*-0.16*	
		For >1000, Deduct	*-0.22*	
		For Installation In Metal Stub Wall, Add	*0.53*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.32*	
		For Installation In Concrete (Excludes Concrete), Add	*0.79*	
26 05 33 13-0507	LF	1-1/2" IMC Conduit	8.59	2.42
		For Installation Above 14', Add	*0.90*	
		For Work In Restricted Working Space, Add	*1.81*	
		For >250 To 500, Deduct	*-0.13*	
		For >500 To 1000, Deduct	*-0.19*	
		For >1000, Deduct	*-0.26*	
		For Installation In Metal Stub Wall, Add	*0.60*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.51*	
		For Installation In Concrete (Excludes Concrete), Add	*0.90*	
26 05 33 13-0508	LF	2" IMC Conduit	10.27	2.72
		For Installation Above 14', Add	*1.02*	
		For Work In Restricted Working Space, Add	*2.04*	
		For >250 To 500, Deduct	*-0.17*	
		For >500 To 1000, Deduct	*-0.26*	
		For >1000, Deduct	*-0.35*	
		For Installation In Metal Stub Wall, Add	*0.68*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.70*	
		For Installation In Concrete (Excludes Concrete), Add	*1.02*	
26 05 33 13-0509	LF	2-1/2" IMC Conduit	16.75	3.62
		For Installation Above 14', Add	*1.36*	
		For Work In Restricted Working Space, Add	*2.71*	
		For >250 To 500, Deduct	*-0.39*	
		For >500 To 1000, Deduct	*-0.58*	
		For >1000, Deduct	*-0.77*	
		For Installation In Metal Stub Wall, Add	*0.90*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.26*	
		For Installation In Concrete (Excludes Concrete), Add	*1.36*	
26 05 33 13-0510	LF	3" IMC Conduit	20.79	4.52
		For Installation Above 14', Add	*1.70*	
		For Work In Restricted Working Space, Add	*3.39*	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1000, Deduct	*-0.71*	
		For >1000, Deduct	*-0.95*	
		For Installation In Metal Stub Wall, Add	*1.13*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.83*	
		For Installation In Concrete (Excludes Concrete), Add	*1.70*	
26 05 33 13-0511	LF	3-1/2" IMC Conduit	24.56	5.42
		For Installation Above 14', Add	*2.04*	
		For Work In Restricted Working Space, Add	*4.07*	
		For >250 To 500, Deduct	*-0.55*	
		For >500 To 1000, Deduct	*-0.82*	
		For >1000, Deduct	*-1.10*	
		For Installation In Metal Stub Wall, Add	*1.36*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.39*	
		For Installation In Concrete (Excludes Concrete), Add	*2.04*	
26 05 33 13-0512	LF	4" IMC Conduit	28.76	5.72
		For Installation Above 14', Add	*2.37*	
		For Work In Restricted Working Space, Add	*4.75*	
		For >250 To 500, Deduct	*-0.65*	
		For >500 To 1000, Deduct	*-0.97*	
		For >1000, Deduct	*-1.29*	
		For Installation In Metal Stub Wall, Add	*1.58*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.96*	
		For Installation In Concrete (Excludes Concrete), Add	*2.37*	

26 05 33 13-0513 IMC 90 Degree Elbows *(26 05 33 13-0501)*

See CSI section 26 05 33 13-1789 for conduit field bending.

26 05 33 13-0514	EA	1" IMC 90 Degree Elbow	36.26	11.38
		For Installation Above 14', Add	*4.26*	
		For Work In Restricted Working Space, Add	*8.51*	
26 05 33 13-0515	EA	1-1/4" IMC 90 Degree Elbow	44.01	13.19
		For Installation Above 14', Add	*4.94*	
		For Work In Restricted Working Space, Add	*9.89*	
26 05 33 13-0516	EA	1-1/2" IMC 90 Degree Elbow	51.81	15.15
		For Installation Above 14', Add	*5.67*	
		For Work In Restricted Working Space, Add	*11.35*	
26 05 33 13-0517	EA	2" IMC 90 Degree Elbow	61.74	16.65
		For Installation Above 14', Add	*6.24*	
		For Work In Restricted Working Space, Add	*12.48*	
26 05 33 13-0518	EA	2-1/2" IMC 90 Degree Elbow	86.19	20.80
		For Installation Above 14', Add	*7.80*	
		For Work In Restricted Working Space, Add	*15.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0519	EA	3" IMC 90 Degree Elbow	123.19	28.34
		For Installation Above 14', Add	*10.63*	
		For Work In Restricted Working Space, Add	*21.25*	
26 05 33 13-0520	EA	3-1/2" IMC 90 Degree Elbow	172.32	31.96
		For Installation Above 14', Add	*11.99*	
		For Work In Restricted Working Space, Add	*23.97*	
26 05 33 13-0521	EA	4" IMC 90 Degree Elbow	211.19	41.61
		For Installation Above 14', Add	*15.60*	
		For Work In Restricted Working Space, Add	*31.20*	

26 05 33 13-0522 IMC Bushing Sets With Locknut *(26 05 33 13-0501)*

26 05 33 13-0523	EA	1/2" IMC Bushing Set With Locknut	10.14	3.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-0524	EA	3/4" IMC Bushing Set With Locknut	11.90	0.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-0525	EA	1" IMC Bushing Set With Locknut	15.30	5.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-0526	EA	1-1/4" IMC Bushing Set With Locknut	18.63	6.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-0527	EA	1-1/2" IMC Bushing Set With Locknut	20.69	7.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-0528	EA	2" IMC Bushing Set With Locknut	26.42	9.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.01*	
26 05 33 13-0529	EA	2-1/2" IMC Bushing Set With Locknut	47.22	15.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.31*	
26 05 33 13-0530	EA	3" IMC Bushing Set With Locknut	59.73	20.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.38*	
26 05 33 13-0531	EA	3-1/2" IMC Bushing Set With Locknut	76.38	24.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.32*	
26 05 33 13-0532	EA	4" IMC Bushing Set With Locknut	89.80	28.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.26*	

26 05 33 13-0533 IMC Type LB Two Hub Conduit Bodies With Cover *(26 05 33 13-0501)*

26 05 33 13-0534	EA	1/2" IMC Type LB Two Hub Conduit Body With Cover	43.19	14.47
		For Installation Above 14', Add	*5.43*	
		For Work In Restricted Working Space, Add	*10.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.85*	
26 05 33 13-0535	EA	3/4" IMC Type LB Two Hub Conduit Body With Cover	51.53	16.58
		For Installation Above 14', Add	*6.22*	
		For Work In Restricted Working Space, Add	*12.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.44*	
26 05 33 13-0536	EA	1" IMC Type LB Two Hub Conduit Body With Cover	62.85	19.30
		For Installation Above 14', Add	*7.23*	
		For Work In Restricted Working Space, Add	*14.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.47*	
26 05 33 13-0537	EA	1-1/4" IMC Type LB Two Hub Conduit Body With Cover	76.40	22.01
		For Installation Above 14', Add	*8.25*	
		For Work In Restricted Working Space, Add	*16.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.51*	
26 05 33 13-0538	EA	1-1/2" IMC Type LB Two Hub Conduit Body With Cover	83.59	24.12
		For Installation Above 14', Add	*9.05*	
		For Work In Restricted Working Space, Add	*18.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.09*	
26 05 33 13-0539	EA	2" IMC Type LB Two Hub Conduit Body With Cover	111.15	28.94
		For Installation Above 14', Add	*10.85*	
		For Work In Restricted Working Space, Add	*21.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.71*	
26 05 33 13-0540	EA	2-1/2" IMC Type LB Two Hub Conduit Body With Cover	158.91	40.71
		For Installation Above 14', Add	*15.26*	
		For Work In Restricted Working Space, Add	*30.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.53*	
26 05 33 13-0541	EA	3" IMC Type LB Two Hub Conduit Body With Cover	209.99	54.27
		For Installation Above 14', Add	*20.35*	
		For Work In Restricted Working Space, Add	*40.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.70*	
26 05 33 13-0542	EA	3-1/2" IMC Type LB Two Hub Conduit Body With Cover	278.20	67.84
		For Installation Above 14', Add	*25.44*	
		For Work In Restricted Working Space, Add	*50.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.88*	
26 05 33 13-0543	EA	4" IMC Type LB Two Hub Conduit Body With Cover	349.42	82.61
		For Installation Above 14', Add	*30.98*	
		For Work In Restricted Working Space, Add	*61.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.96*	

26 05 33 13-0544 IMC Type LL Or LR Two Hub Conduit Bodies With Cover *(26 05 33 13-0501)*

26 05 33 13-0545	EA	1/2" IMC Type LL Or LR Two Hub Conduit Body With Cover	43.19	14.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.85*	
26 05 33 13-0546	EA	3/4" IMC Type LL Or LR Two Hub Conduit Body With Cover	51.53	16.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.44*	
26 05 33 13-0547	EA	1" IMC Type LL Or LR Two Hub Conduit Body With Cover	62.85	19.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.47*	
26 05 33 13-0548	EA	1-1/4" IMC Type LL Or LR Two Hub Conduit Body With Cover	76.40	22.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.51*	
26 05 33 13-0549	EA	1-1/2" IMC Type LL Or LR Two Hub Conduit Body With Cover	83.59	24.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0550	EA	2" IMC Type LL Or LR Two Hub Conduit Body With Cover	111.15	28.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.71*	
26 05 33 13-0551	EA	2-1/2" IMC Type LL Or LR Two Hub Conduit Body With Cover	158.91	40.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.53*	
26 05 33 13-0552	EA	3" IMC Type LL Or LR Two Hub Conduit Body With Cover	209.99	54.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.70*	
26 05 33 13-0553	EA	3-1/2" IMC Type LL Or LR Two Hub Conduit Body With Cover	278.20	67.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.88*	
26 05 33 13-0554	EA	4" IMC Type LL Or LR Two Hub Conduit Body With Cover	349.43	82.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.96*	

26 05 33 13-0555 IMC Type T (Three Hub) Or X (Four Hub) Conduit Bodies With Cover *(26 05 33 13-0501)*

26 05 33 13-0556	EA	1/2" IMC Type T (Three Hub) Or X (Four Hub) Conduit Body With Cover	56.48	18.99
		For Installation Above 14', Add	*7.12*	
		For Work In Restricted Working Space, Add	*14.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.24*	
26 05 33 13-0557	EA	3/4" IMC Type T (Three Hub) Or X (Four Hub) Conduit Body With Cover	63.56	21.10
		For Installation Above 14', Add	*7.91*	
		For Work In Restricted Working Space, Add	*15.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.83*	
26 05 33 13-0558	EA	1" IMC Type T (Three Hub) Or X (Four Hub) Conduit Body With Cover	73.59	23.21
		For Installation Above 14', Add	*8.71*	
		For Work In Restricted Working Space, Add	*17.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.41*	
26 05 33 13-0559	EA	1-1/4" IMC Type T (Three Hub) Or X (Four Hub) Conduit Body With Cover	90.07	26.53
		For Installation Above 14', Add	*9.95*	
		For Work In Restricted Working Space, Add	*19.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.90*	
26 05 33 13-0560	EA	1-1/2" IMC Type T (Three Hub) Or X (Four Hub) Conduit Body With Cover	104.03	28.94
		For Installation Above 14', Add	*10.85*	
		For Work In Restricted Working Space, Add	*21.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.71*	
26 05 33 13-0561	EA	2" IMC Type T (Three Hub) Or X (Four Hub) Conduit Body With Cover	137.89	35.57
		For Installation Above 14', Add	*13.34*	
		For Work In Restricted Working Space, Add	*26.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.68*	
26 05 33 13-0562	EA	2-1/2" IMC Type T (Three Hub) Or X (Four Hub) Conduit Body With Cover	215.17	52.15
		For Installation Above 14', Add	*19.56*	
		For Work In Restricted Working Space, Add	*39.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.12*	
26 05 33 13-0563	EA	3" IMC Type T (Three Hub) Or X (Four Hub) Conduit Body With Cover	281.10	67.84
		For Installation Above 14', Add	*25.44*	
		For Work In Restricted Working Space, Add	*50.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.88*	
26 05 33 13-0564	EA	3-1/2" IMC Type T (Three Hub) Or X (Four Hub) Conduit Body With Cover	416.71	83.82
		For Installation Above 14', Add	*31.43*	
		For Work In Restricted Working Space, Add	*62.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.86*	
26 05 33 13-0565	EA	4" IMC Type T (Three Hub) Or X (Four Hub) Conduit Body With Cover	483.55	100.70
		For Installation Above 14', Add	*37.76*	
		For Work In Restricted Working Space, Add	*75.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.53*	

26 05 33 13-0566 IMC Type C Two Hub Conduit Bodies With Cover *(26 05 33 13-0501)*

26 05 33 13-0567	EA	1/2" IMC Type C Two Hub Conduit Body With Cover	43.18	14.47
		For Installation Above 14', Add	*5.43*	
		For Work In Restricted Working Space, Add	*10.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.85*	
26 05 33 13-0568	EA	3/4" IMC Type C Two Hub Conduit Body With Cover	51.53	16.58
		For Installation Above 14', Add	*6.22*	
		For Work In Restricted Working Space, Add	*12.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.44*	
26 05 33 13-0569	EA	1" IMC Type C Two Hub Conduit Body With Cover	62.10	18.99
		For Installation Above 14', Add	*7.12*	
		For Work In Restricted Working Space, Add	*14.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.24*	
26 05 33 13-0570	EA	1-1/4" IMC Type C Two Hub Conduit Body With Cover	76.39	22.01
		For Installation Above 14', Add	*8.25*	
		For Work In Restricted Working Space, Add	*16.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.51*	
26 05 33 13-0571	EA	1-1/2" IMC Type C Two Hub Conduit Body With Cover	83.59	24.12
		For Installation Above 14', Add	*9.05*	
		For Work In Restricted Working Space, Add	*18.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.09*	
26 05 33 13-0572	EA	2" IMC Type C Two Hub Conduit Body With Cover	111.16	28.94
		For Installation Above 14', Add	*10.85*	
		For Work In Restricted Working Space, Add	*21.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.71*	
26 05 33 13-0573	EA	2-1/2" IMC Type C Two Hub Conduit Body With Cover	247.95	76.36
		For Installation Above 14', Add	*28.62*	
		For Work In Restricted Working Space, Add	*57.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.24*	
26 05 33 13-0574	EA	3" IMC Type C Two Hub Conduit Body With Cover	209.99	54.27
		For Installation Above 14', Add	*20.35*	
		For Work In Restricted Working Space, Add	*40.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0575	EA	3-1/2" IMC Type C Two Hub Conduit Body With Cover	278.14	67.84
		For Installation Above 14', Add	*25.44*	
		For Work In Restricted Working Space, Add	*50.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.88*	
26 05 33 13-0576	EA	4" IMC Type C Two Hub Conduit Body With Cover	349.42	82.61
		For Installation Above 14', Add	*30.98*	
		For Work In Restricted Working Space, Add	*61.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.95*	

26 05 33 13-0577 IMC Erickson Or "Kwik-Couple" Fittings *(26 05 33 13-0501)*

Note: 3-Piece coupling.

26 05 33 13-0578	EA	1/2" IMC Erickson Or "Kwik-Couple" Fitting	32.84	12.06
		For Installation Above 14', Add	*4.53*	
		For Work In Restricted Working Space, Add	*9.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.06*	
26 05 33 13-0579	EA	3/4" IMC Erickson Or "Kwik-Couple" Fitting	37.11	13.49
		For Installation Above 14', Add	*5.05*	
		For Work In Restricted Working Space, Add	*10.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 05 33 13-0580	EA	1" IMC Erickson Or "Kwik-Couple" Fitting	44.12	15.00
		For Installation Above 14', Add	*5.63*	
		For Work In Restricted Working Space, Add	*11.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.26*	
26 05 33 13-0581	EA	1-1/4" IMC Erickson Or "Kwik-Couple" Fitting	53.19	16.43
		For Installation Above 14', Add	*6.16*	
		For Work In Restricted Working Space, Add	*12.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.32*	
26 05 33 13-0582	EA	1-1/2" IMC Erickson Or "Kwik-Couple" Fitting	60.14	17.94
		For Installation Above 14', Add	*6.74*	
		For Work In Restricted Working Space, Add	*13.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.48*	
26 05 33 13-0583	EA	2" IMC Erickson Or "Kwik-Couple" Fitting	79.08	19.45
		For Installation Above 14', Add	*7.30*	
		For Work In Restricted Working Space, Add	*14.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 05 33 13-0584	EA	2-1/2" IMC Erickson Or "Kwik-Couple" Fitting	125.37	24.12
		For Installation Above 14', Add	*9.05*	
		For Work In Restricted Working Space, Add	*18.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.09*	
26 05 33 13-0585	EA	3" IMC Erickson Or "Kwik-Couple" Fitting	174.60	30.15
		For Installation Above 14', Add	*11.31*	
		For Work In Restricted Working Space, Add	*22.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.61*	
26 05 33 13-0586	EA	3-1/2" IMC Erickson Or "Kwik-Couple" Fitting	249.89	36.18
		For Installation Above 14', Add	*13.57*	
		For Work In Restricted Working Space, Add	*27.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.14*	
26 05 33 13-0587	EA	4" IMC Erickson Or "Kwik-Couple" Fitting	286.67	39.19
		For Installation Above 14', Add	*14.70*	
		For Work In Restricted Working Space, Add	*29.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.39*	

26 05 33 13-0588 RGS Or IMC To EMT Connectors *(26 05 33 13-0501)*

26 05 33 13-0589	EA	1/2" RGS Or IMC To EMT Connector	43.95	6.03
		For Installation Above 14', Add	*2.26*	
		For Work In Restricted Working Space, Add	*4.52*	
26 05 33 13-0590	EA	3/4" RGS Or IMC To EMT Connector	50.74	6.64
		For Installation Above 14', Add	*2.49*	
		For Work In Restricted Working Space, Add	*4.97*	
26 05 33 13-0591	EA	1" RGS Or IMC To EMT Connector	59.52	7.54
		For Installation Above 14', Add	*2.83*	
		For Work In Restricted Working Space, Add	*5.66*	
26 05 33 13-0592	EA	1-1/4" RGS Or IMC To EMT Connector	74.03	8.14
		For Installation Above 14', Add	*3.05*	
		For Work In Restricted Working Space, Add	*6.11*	
26 05 33 13-0593	EA	1-1/2" RGS Or IMC To EMT Connector	97.44	9.04
		For Installation Above 14', Add	*3.39*	
		For Work In Restricted Working Space, Add	*6.78*	
26 05 33 13-0594	EA	2" RGS Or IMC To EMT Connector	135.49	9.95
		For Installation Above 14', Add	*3.73*	
		For Work In Restricted Working Space, Add	*7.46*	
26 05 33 13-0595	EA	2-1/2" RGS Or IMC To EMT Connector	207.46	12.06
		For Installation Above 14', Add	*4.52*	
		For Work In Restricted Working Space, Add	*9.05*	
26 05 33 13-0596	EA	3" RGS Or IMC To EMT Connector	254.05	15.08
		For Installation Above 14', Add	*5.65*	
		For Work In Restricted Working Space, Add	*11.31*	
26 05 33 13-0597	EA	3-1/2"" RGS Or IMC To EMT Connector	305.50	18.09
		For Installation Above 14', Add	*6.78*	
		For Work In Restricted Working Space, Add	*13.57*	
26 05 33 13-0598	EA	4" RGS Or IMC To EMT Connector	358.07	19.60
		For Installation Above 14', Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	

26 05 33 13-0599 IMC Rain Tight Threaded Hubs *(26 05 33 13-0501)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0600	EA	1/2" IMC Rain Tight Threaded Hub	16.28	6.03
		For Installation Above 14', Add	*2.26*	
		For Work In Restricted Working Space, Add	*4.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.52*	
26 05 33 13-0601	EA	3/4" IMC Rain Tight Threaded Hub	20.65	7.54
		For Installation Above 14', Add	*2.83*	
		For Work In Restricted Working Space, Add	*5.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-0602	EA	1" IMC Rain Tight Threaded Hub	25.29	9.04
		For Installation Above 14', Add	*3.39*	
		For Work In Restricted Working Space, Add	*6.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.79*	
26 05 33 13-0603	EA	1-1/4" IMC Rain Tight Threaded Hub	30.15	10.55
		For Installation Above 14', Add	*3.96*	
		For Work In Restricted Working Space, Add	*7.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.91*	
26 05 33 13-0604	EA	1-1/2" IMC Rain Tight Threaded Hub	35.01	12.06
		For Installation Above 14', Add	*4.52*	
		For Work In Restricted Working Space, Add	*9.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.05*	
26 05 33 13-0605	EA	2" IMC Rain Tight Threaded Hub	40.95	13.57
		For Installation Above 14', Add	*5.09*	
		For Work In Restricted Working Space, Add	*10.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.18*	
26 05 33 13-0606	EA	2-1/2" IMC Rain Tight Threaded Hub	49.47	15.08
		For Installation Above 14', Add	*5.65*	
		For Work In Restricted Working Space, Add	*11.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.31*	
26 05 33 13-0607	EA	3" IMC Rain Tight Threaded Hub	57.32	16.58
		For Installation Above 14', Add	*6.22*	
		For Work In Restricted Working Space, Add	*12.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.44*	
26 05 33 13-0608	EA	3-1/2" IMC Rain Tight Threaded Hub	69.56	19.60
		For Installation Above 14', Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.70*	
26 05 33 13-0609	EA	4" IMC Rain Tight Threaded Hub	78.71	21.10
		For Installation Above 14', Add	*7.91*	
		For Work In Restricted Working Space, Add	*15.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.83*	

26 05 33 13-0610 IMC Expansion Fittings *(26 05 33 13-0501)*

26 05 33 13-0611	EA	1/2" IMC Expansion Fitting	82.21	12.06
		For Installation Above 14', Add	*4.52*	
		For Work In Restricted Working Space, Add	*9.05*	
26 05 33 13-0612	EA	3/4" IMC Expansion Fitting	91.18	13.57
		For Installation Above 14', Add	*5.09*	
		For Work In Restricted Working Space, Add	*10.18*	
26 05 33 13-0613	EA	1" IMC Expansion Fitting	101.33	15.08
		For Installation Above 14', Add	*5.65*	
		For Work In Restricted Working Space, Add	*11.31*	
26 05 33 13-0614	EA	1-1/4" IMC Expansion Fitting	120.84	16.58
		For Installation Above 14', Add	*6.22*	
		For Work In Restricted Working Space, Add	*12.44*	
26 05 33 13-0615	EA	1-1/2" IMC Expansion Fitting	145.91	18.09
		For Installation Above 14', Add	*6.78*	
		For Work In Restricted Working Space, Add	*13.57*	
26 05 33 13-0616	EA	2" IMC Expansion Fitting	187.85	19.60
		For Installation Above 14', Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
26 05 33 13-0617	EA	2-1/2" IMC Expansion Fitting	278.41	24.12
		For Installation Above 14', Add	*9.05*	
		For Work In Restricted Working Space, Add	*18.09*	
26 05 33 13-0618	EA	3" IMC Expansion Fitting	335.80	30.15
		For Installation Above 14', Add	*11.31*	
		For Work In Restricted Working Space, Add	*22.61*	
26 05 33 13-0619	EA	3-1/2" IMC Expansion Fitting	462.51	36.18
		For Installation Above 14', Add	*13.57*	
		For Work In Restricted Working Space, Add	*27.14*	
26 05 33 13-0620	EA	4" IMC Expansion Fitting	532.36	39.19
		For Installation Above 14', Add	*14.70*	
		For Work In Restricted Working Space, Add	*29.39*	

26 05 33 13-0621 IMC Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0501)*

26 05 33 13-0622	EA	1/2" IMC Sealing Fitting, Vertical/Horizontal	57.72	18.84
		For Installation Above 14', Add	*5.65*	
		For Work In Restricted Working Space, Add	*11.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.31*	
26 05 33 13-0623	EA	3/4" IMC Sealing Fitting, Vertical/Horizontal	68.75	22.61
		For Installation Above 14', Add	*6.78*	
		For Work In Restricted Working Space, Add	*13.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.57*	
26 05 33 13-0624	EA	1" IMC Sealing Fitting, Vertical/Horizontal	82.99	26.38
		For Installation Above 14', Add	*7.91*	
		For Work In Restricted Working Space, Add	*15.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0625	EA	1-1/4" IMC Sealing Fitting, Vertical/Horizontal	97.01	30.15
		For Installation Above 14', Add	*9.05*	
		For Work In Restricted Working Space, Add	*18.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.09*	
26 05 33 13-0626	EA	1-1/2" IMC Sealing Fitting, Vertical/Horizontal	123.12	33.92
		For Installation Above 14', Add	*10.18*	
		For Work In Restricted Working Space, Add	*20.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.35*	
26 05 33 13-0627	EA	2" IMC Sealing Fitting, Vertical/Horizontal	146.99	37.69
		For Installation Above 14', Add	*11.31*	
		For Work In Restricted Working Space, Add	*22.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.61*	
26 05 33 13-0628	EA	2-1/2" IMC Sealing Fitting, Vertical/Horizontal	201.71	45.23
		For Installation Above 14', Add	*13.57*	
		For Work In Restricted Working Space, Add	*27.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.13*	
26 05 33 13-0629	EA	3" IMC Sealing Fitting, Vertical/Horizontal	241.44	52.76
		For Installation Above 14', Add	*15.83*	
		For Work In Restricted Working Space, Add	*31.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.66*	
26 05 33 13-0630	EA	3-1/2" IMC Sealing Fitting, Vertical/Horizontal	512.60	60.30
		For Installation Above 14', Add	*18.09*	
		For Work In Restricted Working Space, Add	*36.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.18*	
26 05 33 13-0631	EA	4" IMC Sealing Fitting, Vertical/Horizontal	589.36	67.84
		For Installation Above 14', Add	*20.35*	
		For Work In Restricted Working Space, Add	*40.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.70*	

26 05 33 13-0632 IMC Threaded Couplings *(26 05 33 13-0501)*

26 05 33 13-0633	EA	1/2" IMC Threaded Coupling	9.72	3.62
		For Installation Above 14', Add	*1.36*	
		For Work In Restricted Working Space, Add	*2.71*	
26 05 33 13-0634	EA	3/4" IMC Threaded Coupling	13.65	5.12
		For Installation Above 14', Add	*1.92*	
		For Work In Restricted Working Space, Add	*3.85*	
26 05 33 13-0635	EA	1" IMC Threaded Coupling	17.81	6.64
		For Installation Above 14', Add	*2.49*	
		For Work In Restricted Working Space, Add	*4.97*	
26 05 33 13-0636	EA	1-1/4" IMC Threaded Coupling	20.40	7.54
		For Installation Above 14', Add	*2.83*	
		For Work In Restricted Working Space, Add	*5.66*	
26 05 33 13-0637	EA	1-1/2" IMC Threaded Coupling	24.55	9.04
		For Installation Above 14', Add	*3.39*	
		For Work In Restricted Working Space, Add	*6.78*	
26 05 33 13-0638	EA	2" IMC Threaded Coupling	28.21	10.25
		For Installation Above 14', Add	*3.85*	
		For Work In Restricted Working Space, Add	*7.69*	
26 05 33 13-0639	EA	2-1/2" IMC Threaded Coupling	34.32	11.46
		For Installation Above 14', Add	*4.29*	
		For Work In Restricted Working Space, Add	*8.59*	
26 05 33 13-0640	EA	3" IMC Threaded Coupling	40.19	12.96
		For Installation Above 14', Add	*4.86*	
		For Work In Restricted Working Space, Add	*9.72*	
26 05 33 13-0641	EA	3-1/2" IMC Threaded Coupling	45.82	14.17
		For Installation Above 14', Add	*5.31*	
		For Work In Restricted Working Space, Add	*10.63*	
26 05 33 13-0642	EA	4" IMC Threaded Coupling	48.16	15.08
		For Installation Above 14', Add	*5.65*	
		For Work In Restricted Working Space, Add	*11.30*	

26 05 33 13-0643 IMC Reducer Bushings *(26 05 33 13-0501)*

26 05 33 13-0644	EA	1/2" To 3/4" IMC Reducing Bushing	4.53	1.50
		For Installation Above 14', Add	*0.57*	
		For Work In Restricted Working Space, Add	*1.13*	
26 05 33 13-0645	EA	3/4" To 1" IMC Reducing Bushing	4.97	1.50
		For Installation Above 14', Add	*0.57*	
		For Work In Restricted Working Space, Add	*1.13*	

26 05 33 13-0646 PVC Coated, Urethane Lined, RGS Conduit *(26 05 33 13-0041)*

Note: 40 mil PVC coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney). Used in hazardous locations. Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0647 PVC Coated, Urethane Lined, RGS Conduit *(26 05 33 13-0646)*

Note: Includes field bending for conduit up to 1".

26 05 33 13-0648	LF	1/2" PVC Coated, Urethane Lined, RGS Conduit	9.67	2.06
		For Installation Above 14', Add	*0.81*	
		For Work In Restricted Working Space, Add	*1.62*	
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 1000, Deduct	*-0.59*	
		For >1000, Deduct	*-0.83*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0649		LF	3/4" PVC Coated, Urethane Lined, RGS Conduit	10.84	2.55
			For Installation Above 14', Add	*0.88*	
			For Work In Restricted Working Space, Add	*1.76*	
			For >250 To 500, Deduct	*-0.40*	
			For >500 To 1000, Deduct	*-0.67*	
			For >1000, Deduct	*-0.94*	
26 05 33 13-0650		LF	1" PVC Coated, Urethane Lined, RGS Conduit	13.28	2.84
			For Installation Above 14', Add	*1.03*	
			For Work In Restricted Working Space, Add	*2.06*	
			For >250 To 500, Deduct	*-0.49*	
			For >500 To 1000, Deduct	*-0.82*	
			For >1000, Deduct	*-1.16*	
26 05 33 13-0651		LF	1-1/4" PVC Coated, Urethane Lined, RGS Conduit	15.98	3.82
			For Installation Above 14', Add	*1.18*	
			For Work In Restricted Working Space, Add	*2.35*	
			For >250 To 500, Deduct	*-0.60*	
			For >500 To 1000, Deduct	*-1.00*	
			For >1000, Deduct	*-1.40*	
26 05 33 13-0652		LF	1-1/2" PVC Coated, Urethane Lined, RGS Conduit	18.72	4.31
			For Installation Above 14', Add	*1.32*	
			For Work In Restricted Working Space, Add	*2.65*	
			For >250 To 500, Deduct	*-0.72*	
			For >500 To 1000, Deduct	*-1.18*	
			For >1000, Deduct	*-1.65*	
26 05 33 13-0653		LF	2" PVC Coated, Urethane Lined, RGS Conduit	23.68	4.70
			For Installation Above 14', Add	*1.62*	
			For Work In Restricted Working Space, Add	*3.23*	
			For >250 To 500, Deduct	*-0.91*	
			For >500 To 1000, Deduct	*-1.51*	
			For >1000, Deduct	*-2.10*	
26 05 33 13-0654		LF	2-1/2" PVC Coated, Urethane Lined, RGS Conduit	34.26	7.06
			For Installation Above 14', Add	*2.21*	
			For Work In Restricted Working Space, Add	*4.41*	
			For >250 To 500, Deduct	*-1.35*	
			For >500 To 1000, Deduct	*-2.20*	
			For >1000, Deduct	*-3.06*	
26 05 33 13-0655		LF	3" PVC Coated, Urethane Lined, RGS Conduit	44.26	8.82
			For Installation Above 14', Add	*2.94*	
			For Work In Restricted Working Space, Add	*5.88*	
			For >250 To 500, Deduct	*-1.72*	
			For >500 To 1000, Deduct	*-2.83*	
			For >1000, Deduct	*-3.94*	
26 05 33 13-0656		LF	3-1/2" PVC Coated, Urethane Lined, RGS Conduit	54.66	9.30
			For Installation Above 14', Add	*3.67*	
			For Work In Restricted Working Space, Add	*7.35*	
			For >250 To 500, Deduct	*-2.12*	
			For >500 To 1000, Deduct	*-3.49*	
			For >1000, Deduct	*-4.85*	
26 05 33 13-0657		LF	4" PVC Coated, Urethane Lined, RGS Conduit	64.96	10.29
			For Installation Above 14', Add	*4.41*	
			For Work In Restricted Working Space, Add	*8.82*	
			For >250 To 500, Deduct	*-2.51*	
			For >500 To 1000, Deduct	*-4.14*	
			For >1000, Deduct	*-5.76*	
26 05 33 13-0658		LF	5" PVC Coated, Urethane Lined, RGS Conduit	100.26	14.21
			For Installation Above 14', Add	*5.59*	
			For Work In Restricted Working Space, Add	*11.17*	
			For >250 To 500, Deduct	*-4.08*	
			For >500 To 1000, Deduct	*-6.59*	
			For >1000, Deduct	*-9.10*	
26 05 33 13-0659		LF	6" PVC Coated, Urethane Lined, RGS Conduit	133.40	18.62
			For Installation Above 14', Add	*7.05*	
			For Work In Restricted Working Space, Add	*14.11*	
			For >250 To 500, Deduct	*-5.49*	
			For >500 To 1000, Deduct	*-8.83*	
			For >1000, Deduct	*-12.16*	

26 05 33 13-0660 PVC Coated, Urethane Lined, RGS Couplings *(26 05 33 13-0646)*

26 05 33 13-0661		EA	1/2" PVC Coated, Urethane Lined, RGS Coupling	10.40	2.94
			For Installation Above 14', Add	*0.88*	
			For Work In Restricted Working Space, Add	*1.76*	
26 05 33 13-0662		EA	3/4" PVC Coated, Urethane Lined, RGS Coupling	12.58	3.92
			For Installation Above 14', Add	*1.18*	
			For Work In Restricted Working Space, Add	*2.35*	
26 05 33 13-0663		EA	1" PVC Coated, Urethane Lined, RGS Coupling	15.95	4.90
			For Installation Above 14', Add	*1.47*	
			For Work In Restricted Working Space, Add	*2.94*	
26 05 33 13-0664		EA	1-1/4" PVC Coated, Urethane Lined, RGS Coupling	17.95	5.39
			For Installation Above 14', Add	*1.62*	
			For Work In Restricted Working Space, Add	*3.23*	
26 05 33 13-0665		EA	1-1/2" PVC Coated, Urethane Lined, RGS Coupling	21.27	6.37
			For Installation Above 14', Add	*1.91*	
			For Work In Restricted Working Space, Add	*3.82*	
26 05 33 13-0666		EA	2" PVC Coated, Urethane Lined, RGS Coupling	27.18	7.35
			For Installation Above 14', Add	*2.21*	
			For Work In Restricted Working Space, Add	*4.41*	
26 05 33 13-0667		EA	2-1/2" PVC Coated, Urethane Lined, RGS Coupling	48.52	8.82
			For Installation Above 14', Add	*2.65*	
			For Work In Restricted Working Space, Add	*5.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0668	EA	3" PVC Coated, Urethane Lined, RGS Coupling	62.00	12.25
		For Installation Above 14', Add	*3.68*	
		For Work In Restricted Working Space, Add	*7.35*	
26 05 33 13-0669	EA	3-1/2" PVC Coated, Urethane Lined, RGS Coupling	76.52	14.21
		For Installation Above 14', Add	*4.26*	
		For Work In Restricted Working Space, Add	*8.52*	
26 05 33 13-0670	EA	4" PVC Coated, Urethane Lined, RGS Coupling	95.45	19.60
		For Installation Above 14', Add	*5.88*	
		For Work In Restricted Working Space, Add	*11.76*	
26 05 33 13-0671	EA	5" PVC Coated, Urethane Lined, RGS Coupling	237.21	26.95
		For Installation Above 14', Add	*8.09*	
		For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-0672	EA	6" PVC Coated, Urethane Lined, RGS Coupling	235.15	15.19
		For Installation Above 14', Add	*4.56*	
		For Work In Restricted Working Space, Add	*9.11*	

26 05 33 13-0673 PVC Coated, Urethane Lined, RGS Standard Radius Elbows *(26 05 33 13-0646)*

Note: 90, 45, or 30 degree.

26 05 33 13-0674	EA	1/2" PVC Coated, Urethane Lined, RGS Standard Radius Elbow	40.33	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
26 05 33 13-0675	EA	3/4" PVC Coated, Urethane Lined, RGS Standard Radius Elbow	46.83	15.19
		For Installation Above 14', Add	*4.56*	
		For Work In Restricted Working Space, Add	*9.11*	
26 05 33 13-0676	EA	1" PVC Coated, Urethane Lined, RGS Standard Radius Elbow	56.10	18.62
		For Installation Above 14', Add	*5.59*	
		For Work In Restricted Working Space, Add	*11.17*	
26 05 33 13-0677	EA	1-1/4" PVC Coated, Urethane Lined, RGS Standard Radius Elbow	66.29	21.56
		For Installation Above 14', Add	*6.47*	
		For Work In Restricted Working Space, Add	*12.93*	
26 05 33 13-0678	EA	1-1/2" PVC Coated, Urethane Lined, RGS Standard Radius Elbow	77.48	24.49
		For Installation Above 14', Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
26 05 33 13-0679	EA	2" PVC Coated, Urethane Lined, RGS Standard Radius Elbow	93.64	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-0680	EA	2-1/2" PVC Coated, Urethane Lined, RGS Standard Radius Elbow	142.51	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
26 05 33 13-0681	EA	3" PVC Coated, Urethane Lined, RGS Standard Radius Elbow	211.79	46.05
		For Installation Above 14', Add	*13.82*	
		For Work In Restricted Working Space, Add	*27.63*	
26 05 33 13-0682	EA	3-1/2" PVC Coated, Urethane Lined, RGS Standard Radius Elbow	260.91	51.93
		For Installation Above 14', Add	*15.58*	
		For Work In Restricted Working Space, Add	*31.16*	
26 05 33 13-0683	EA	4" PVC Coated, Urethane Lined, RGS Standard Radius Elbow	301.22	67.60
		For Installation Above 14', Add	*20.28*	
		For Work In Restricted Working Space, Add	*40.57*	
26 05 33 13-0684	EA	5" PVC Coated, Urethane Lined, RGS Standard Radius Elbow	620.51	110.23
		For Installation Above 14', Add	*33.07*	
		For Work In Restricted Working Space, Add	*66.14*	
26 05 33 13-0685	EA	6" PVC Coated, Urethane Lined, RGS Standard Radius Elbow	974.21	165.60
		For Installation Above 14', Add	*49.68*	
		For Work In Restricted Working Space, Add	*99.36*	

26 05 33 13-0686 PVC Coated, Urethane Lined, RGS 12" Large Radius Elbows *(26 05 33 13-0646)*

26 05 33 13-0687	EA	1" PVC Coated, Urethane Lined, RGS 12" Large Radius Elbow	93.44	18.62
		For Installation Above 14', Add	*5.59*	
		For Work In Restricted Working Space, Add	*11.17*	
26 05 33 13-0688	EA	1-1/4" PVC Coated, Urethane Lined, RGS 12" Large Radius Elbow	105.27	21.56
		For Installation Above 14', Add	*6.47*	
		For Work In Restricted Working Space, Add	*12.93*	
26 05 33 13-0689	EA	1-1/2" PVC Coated, Urethane Lined, RGS 12" Large Radius Elbow	120.16	24.49
		For Installation Above 14', Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
26 05 33 13-0690	EA	2" PVC Coated, Urethane Lined, RGS 12" Large Radius Elbow	142.89	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-0691	EA	2-1/2" PVC Coated, Urethane Lined, RGS 12" Large Radius Elbow	198.25	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	

26 05 33 13-0692 PVC Coated, Urethane Lined, RGS 15" Large Radius Elbows *(26 05 33 13-0646)*

26 05 33 13-0693	EA	1" PVC Coated, Urethane Lined, RGS 15" Large Radius Elbow	103.54	18.62
		For Installation Above 14', Add	*5.59*	
		For Work In Restricted Working Space, Add	*11.17*	
26 05 33 13-0694	EA	1-1/4" PVC Coated, Urethane Lined, RGS 15" Large Radius Elbow	121.96	21.56
		For Installation Above 14', Add	*6.47*	
		For Work In Restricted Working Space, Add	*12.93*	
26 05 33 13-0695	EA	1-1/2" PVC Coated, Urethane Lined, RGS 15" Large Radius Elbow	132.13	24.49
		For Installation Above 14', Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
26 05 33 13-0696	EA	2" PVC Coated, Urethane Lined, RGS 15" Large Radius Elbow	168.98	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0697	EA	2-1/2" PVC Coated, Urethane Lined, RGS 15" Large Radius Elbow	223.40	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
26 05 33 13-0698	EA	3" PVC Coated, Urethane Lined, RGS 15" Large Radius Elbow	286.39	46.05
		For Installation Above 14', Add	*13.82*	
		For Work In Restricted Working Space, Add	*27.63*	

26 05 33 13-0699 PVC Coated, Urethane Lined, RGS 18" Large Radius Elbows *(26 05 33 13-0646)*

26 05 33 13-0700	EA	1" PVC Coated, Urethane Lined, RGS 18" Large Radius Elbow	115.61	18.62
		For Installation Above 14', Add	*5.59*	
		For Work In Restricted Working Space, Add	*11.17*	
26 05 33 13-0701	EA	1-1/4" PVC Coated, Urethane Lined, RGS 18" Large Radius Elbow	130.65	21.56
		For Installation Above 14', Add	*6.47*	
		For Work In Restricted Working Space, Add	*12.93*	
26 05 33 13-0702	EA	1-1/2" PVC Coated, Urethane Lined, RGS 18" Large Radius Elbow	147.48	24.49
		For Installation Above 14', Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
26 05 33 13-0703	EA	2" PVC Coated, Urethane Lined, RGS 18" Large Radius Elbow	177.63	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-0704	EA	2-1/2" PVC Coated, Urethane Lined, RGS 18" Large Radius Elbow	252.31	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
26 05 33 13-0705	EA	3" PVC Coated, Urethane Lined, RGS 18" Large Radius Elbow	320.33	46.05
		For Installation Above 14', Add	*13.82*	
		For Work In Restricted Working Space, Add	*27.63*	
26 05 33 13-0706	EA	3-1/2" PVC Coated, Urethane Lined, RGS 18" Large Radius Elbow	403.03	51.93
		For Installation Above 14', Add	*15.58*	
		For Work In Restricted Working Space, Add	*31.16*	
26 05 33 13-0707	EA	4" PVC Coated, Urethane Lined, RGS 18" Large Radius Elbow	456.06	67.60
		For Installation Above 14', Add	*20.28*	
		For Work In Restricted Working Space, Add	*40.57*	

26 05 33 13-0708 PVC Coated, Urethane Lined, RGS 24" Large Radius Elbows *(26 05 33 13-0646)*

26 05 33 13-0709	EA	1" PVC Coated, Urethane Lined, RGS 24" Large Radius Elbow	136.47	18.62
		For Installation Above 14', Add	*5.59*	
		For Work In Restricted Working Space, Add	*11.17*	
26 05 33 13-0710	EA	1-1/4" PVC Coated, Urethane Lined, RGS 24" Large Radius Elbow	151.05	21.56
		For Installation Above 14', Add	*6.47*	
		For Work In Restricted Working Space, Add	*12.93*	
26 05 33 13-0711	EA	1-1/2" PVC Coated, Urethane Lined, RGS 24" Large Radius Elbow	170.64	24.49
		For Installation Above 14', Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
26 05 33 13-0712	EA	2" PVC Coated, Urethane Lined, RGS 24" Large Radius Elbow	210.98	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-0713	EA	2-1/2" PVC Coated, Urethane Lined, RGS 24" Large Radius Elbow	304.04	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
26 05 33 13-0714	EA	3" PVC Coated, Urethane Lined, RGS 24" Large Radius Elbow	377.83	46.05
		For Installation Above 14', Add	*13.82*	
		For Work In Restricted Working Space, Add	*27.63*	
26 05 33 13-0715	EA	3-1/2" PVC Coated, Urethane Lined, RGS 24" Large Radius Elbow	438.14	51.93
		For Installation Above 14', Add	*15.58*	
		For Work In Restricted Working Space, Add	*31.16*	
26 05 33 13-0716	EA	4" PVC Coated, Urethane Lined, RGS 24" Large Radius Elbow	520.51	67.60
		For Installation Above 14', Add	*20.28*	
		For Work In Restricted Working Space, Add	*40.57*	

26 05 33 13-0717 PVC Coated, Urethane Lined, RGS 30" Large Radius Elbows *(26 05 33 13-0646)*

26 05 33 13-0718	EA	1" PVC Coated, Urethane Lined, RGS 30" Large Radius Elbow	152.69	18.62
		For Installation Above 14', Add	*5.59*	
		For Work In Restricted Working Space, Add	*11.17*	
26 05 33 13-0719	EA	1-1/4" PVC Coated, Urethane Lined, RGS 30" Large Radius Elbow	170.03	21.56
		For Installation Above 14', Add	*6.47*	
		For Work In Restricted Working Space, Add	*12.93*	
26 05 33 13-0720	EA	1-1/2" PVC Coated, Urethane Lined, RGS 30" Large Radius Elbow	193.43	24.49
		For Installation Above 14', Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
26 05 33 13-0721	EA	2" PVC Coated, Urethane Lined, RGS 30" Large Radius Elbow	240.01	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-0722	EA	2-1/2" PVC Coated, Urethane Lined, RGS 30" Large Radius Elbow	332.27	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
26 05 33 13-0723	EA	3" PVC Coated, Urethane Lined, RGS 30" Large Radius Elbow	423.82	46.05
		For Installation Above 14', Add	*13.82*	
		For Work In Restricted Working Space, Add	*27.63*	
26 05 33 13-0724	EA	3-1/2" PVC Coated, Urethane Lined, RGS 30" Large Radius Elbow	523.50	51.93
		For Installation Above 14', Add	*15.58*	
		For Work In Restricted Working Space, Add	*31.16*	
26 05 33 13-0725	EA	4" PVC Coated, Urethane Lined, RGS 30" Large Radius Elbow	579.68	67.60
		For Installation Above 14', Add	*20.28*	
		For Work In Restricted Working Space, Add	*40.57*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0726		EA	5" PVC Coated, Urethane Lined, RGS 30" Large Radius Elbow	965.90	110.23
			For Installation Above 14', Add	*33.07*	
			For Work In Restricted Working Space, Add	*66.14*	

26 05 33 13-0727 PVC Coated, Urethane Lined, RGS 36" Large Radius Elbows *(26 05 33 13-0646)*

26 05 33 13-0728		EA	1" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow	173.92	18.62
			For Installation Above 14', Add	*5.59*	
			For Work In Restricted Working Space, Add	*11.17*	
26 05 33 13-0729		EA	1-1/4" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow	192.98	21.56
			For Installation Above 14', Add	*6.47*	
			For Work In Restricted Working Space, Add	*12.93*	
26 05 33 13-0730		EA	1-1/2" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow	218.42	24.49
			For Installation Above 14', Add	*7.35*	
			For Work In Restricted Working Space, Add	*14.70*	
26 05 33 13-0731		EA	2" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow	272.21	26.95
			For Installation Above 14', Add	*8.08*	
			For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-0732		EA	2-1/2" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow	379.31	33.81
			For Installation Above 14', Add	*10.14*	
			For Work In Restricted Working Space, Add	*20.28*	
26 05 33 13-0733		EA	3" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow	482.41	46.05
			For Installation Above 14', Add	*13.82*	
			For Work In Restricted Working Space, Add	*27.63*	
26 05 33 13-0734		EA	3-1/2" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow	566.27	51.93
			For Installation Above 14', Add	*15.58*	
			For Work In Restricted Working Space, Add	*31.16*	
26 05 33 13-0735		EA	4" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow	656.05	67.60
			For Installation Above 14', Add	*20.28*	
			For Work In Restricted Working Space, Add	*40.57*	
26 05 33 13-0736		EA	5" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow	1,019.43	110.23
			For Installation Above 14', Add	*33.07*	
			For Work In Restricted Working Space, Add	*66.14*	
26 05 33 13-0737		EA	6" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow	1,397.17	165.60
			For Installation Above 14', Add	*49.68*	
			For Work In Restricted Working Space, Add	*99.36*	

26 05 33 13-0738 PVC Coated, Urethane Lined, RGS 42" Large Radius Elbows *(26 05 33 13-0646)*

26 05 33 13-0739		EA	1" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow	203.46	18.62
			For Installation Above 14', Add	*5.59*	
			For Work In Restricted Working Space, Add	*11.17*	
26 05 33 13-0740		EA	1-1/4" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow	213.43	21.56
			For Installation Above 14', Add	*6.47*	
			For Work In Restricted Working Space, Add	*12.93*	
26 05 33 13-0741		EA	1-1/2" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow	251.86	24.49
			For Installation Above 14', Add	*7.35*	
			For Work In Restricted Working Space, Add	*14.70*	
26 05 33 13-0742		EA	2" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow	317.03	26.95
			For Installation Above 14', Add	*8.08*	
			For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-0743		EA	2-1/2" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow	442.73	33.81
			For Installation Above 14', Add	*10.14*	
			For Work In Restricted Working Space, Add	*20.28*	
26 05 33 13-0744		EA	3" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow	561.41	46.05
			For Installation Above 14', Add	*13.82*	
			For Work In Restricted Working Space, Add	*27.63*	
26 05 33 13-0745		EA	3-1/2" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow	685.18	51.93
			For Installation Above 14', Add	*15.58*	
			For Work In Restricted Working Space, Add	*31.16*	
26 05 33 13-0746		EA	4" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow	804.64	67.60
			For Installation Above 14', Add	*20.28*	
			For Work In Restricted Working Space, Add	*40.57*	
26 05 33 13-0747		EA	5" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow	1,194.03	110.23
			For Installation Above 14', Add	*33.07*	
			For Work In Restricted Working Space, Add	*66.14*	
26 05 33 13-0748		EA	6" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow	1,477.32	165.60
			For Installation Above 14', Add	*49.68*	
			For Work In Restricted Working Space, Add	*99.36*	

26 05 33 13-0749 PVC Coated, Urethane Lined, RGS 48" Large Radius Elbows *(26 05 33 13-0646)*

26 05 33 13-0750		EA	1" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow	210.58	18.62
			For Installation Above 14', Add	*5.59*	
			For Work In Restricted Working Space, Add	*11.17*	
26 05 33 13-0751		EA	1-1/4" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow	248.02	21.56
			For Installation Above 14', Add	*6.47*	
			For Work In Restricted Working Space, Add	*12.93*	
26 05 33 13-0752		EA	1-1/2" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow	280.79	24.49
			For Installation Above 14', Add	*7.35*	
			For Work In Restricted Working Space, Add	*14.70*	
26 05 33 13-0753		EA	2" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow	330.52	26.95
			For Installation Above 14', Add	*8.08*	
			For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-0754		EA	2-1/2" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow	458.57	33.81
			For Installation Above 14', Add	*10.14*	
			For Work In Restricted Working Space, Add	*20.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0755	EA	3" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow	585.70	46.05
		For Installation Above 14', Add	*13.82*	
		For Work In Restricted Working Space, Add	*27.63*	
26 05 33 13-0756	EA	3-1/2" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow	749.94	51.93
		For Installation Above 14', Add	*15.58*	
		For Work In Restricted Working Space, Add	*31.16*	
26 05 33 13-0757	EA	4" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow	838.34	67.60
		For Installation Above 14', Add	*20.28*	
		For Work In Restricted Working Space, Add	*40.57*	
26 05 33 13-0758	EA	5" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow	1,240.93	110.23
		For Installation Above 14', Add	*33.07*	
		For Work In Restricted Working Space, Add	*66.14*	
26 05 33 13-0759	EA	6" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow	1,518.04	165.60
		For Installation Above 14', Add	*49.68*	
		For Work In Restricted Working Space, Add	*99.36*	

26 05 33 13-0760 PVC Coated, Urethane Lined, RGS 45 Degree Sealtight Fittings *(26 05 33 13-0646)*

26 05 33 13-0761	EA	1/2" PVC Coated, Urethane Lined, RGS 45 Degree Sealtight Fitting	77.76	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.35*	
26 05 33 13-0762	EA	3/4" PVC Coated, Urethane Lined, RGS 45 Degree Sealtight Fitting	95.15	16.17
		For Installation Above 14', Add	*4.85*	
		For Work In Restricted Working Space, Add	*9.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.70*	
26 05 33 13-0763	EA	1" PVC Coated, Urethane Lined, RGS 45 Degree Sealtight Fitting	126.95	18.62
		For Installation Above 14', Add	*5.59*	
		For Work In Restricted Working Space, Add	*11.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.17*	
26 05 33 13-0764	EA	1-1/4" PVC Coated, Urethane Lined, RGS 45 Degree Sealtight Fitting	208.76	21.56
		For Installation Above 14', Add	*6.47*	
		For Work In Restricted Working Space, Add	*12.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.93*	
26 05 33 13-0765	EA	1-1/2" PVC Coated, Urethane Lined, RGS 45 Degree Sealtight Fitting	230.50	24.49
		For Installation Above 14', Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.70*	
26 05 33 13-0766	EA	2" PVC Coated, Urethane Lined, RGS 45 Degree Sealtight Fitting	291.35	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.17*	
26 05 33 13-0767	EA	2-1/2" PVC Coated, Urethane Lined, RGS 45 Degree Sealtight Fitting	794.99	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.28*	
26 05 33 13-0768	EA	3" PVC Coated, Urethane Lined, RGS 45 Degree Sealtight Fitting	948.71	46.05
		For Installation Above 14', Add	*13.82*	
		For Work In Restricted Working Space, Add	*27.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.64*	
26 05 33 13-0769	EA	4" PVC Coated, Urethane Lined, RGS 45 Degree Sealtight Fitting	1,260.33	67.60
		For Installation Above 14', Add	*20.28*	
		For Work In Restricted Working Space, Add	*40.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.56*	

26 05 33 13-0770 PVC Coated, Urethane Lined, RGS 90 Degree Sealtight Fittings *(26 05 33 13-0646)*

26 05 33 13-0771	EA	1/2" PVC Coated, Urethane Lined, RGS 90 Degree Sealtight Fitting	74.52	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.35*	
26 05 33 13-0772	EA	3/4" PVC Coated, Urethane Lined, RGS 90 Degree Sealtight Fitting	91.49	16.17
		For Installation Above 14', Add	*4.85*	
		For Work In Restricted Working Space, Add	*9.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.70*	
26 05 33 13-0773	EA	1" PVC Coated, Urethane Lined, RGS 90 Degree Sealtight Fitting	126.95	18.62
		For Installation Above 14', Add	*5.59*	
		For Work In Restricted Working Space, Add	*11.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.17*	
26 05 33 13-0774	EA	1-1/4" PVC Coated, Urethane Lined, RGS 90 Degree Sealtight Fitting	206.88	21.56
		For Installation Above 14', Add	*6.47*	
		For Work In Restricted Working Space, Add	*12.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.93*	
26 05 33 13-0775	EA	1-1/2" PVC Coated, Urethane Lined, RGS 90 Degree Sealtight Fitting	222.90	24.49
		For Installation Above 14', Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.70*	
26 05 33 13-0776	EA	2" PVC Coated, Urethane Lined, RGS 90 Degree Sealtight Fitting	291.44	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.17*	
26 05 33 13-0777	EA	2-1/2" PVC Coated, Urethane Lined, RGS 90 Degree Sealtight Fitting	762.59	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.28*	
26 05 33 13-0778	EA	3" PVC Coated, Urethane Lined, RGS 90 Degree Sealtight Fitting	925.07	46.05
		For Installation Above 14', Add	*13.82*	
		For Work In Restricted Working Space, Add	*27.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0779	EA	4" PVC Coated, Urethane Lined, RGS 90 Degree Sealtight Fitting	1,260.28	67.60
		For Installation Above 14', Add	*20.28*	
		For Work In Restricted Working Space, Add	*40.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.56*	

26 05 33 13-0780 PVC Coated, Urethane Lined, RGS Straight Sealtight Fittings *(26 05 33 13-0646)*

26 05 33 13-0781	EA	1/2" PVC Coated, Urethane Lined, RGS Straight Sealtight Fitting	67.35	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.35*	
26 05 33 13-0782	EA	3/4" PVC Coated, Urethane Lined, RGS Straight Sealtight Fitting	80.61	16.17
		For Installation Above 14', Add	*4.85*	
		For Work In Restricted Working Space, Add	*9.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.70*	
26 05 33 13-0783	EA	1" PVC Coated, Urethane Lined, RGS Straight Sealtight Fitting	95.14	18.62
		For Installation Above 14', Add	*5.59*	
		For Work In Restricted Working Space, Add	*11.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.17*	
26 05 33 13-0784	EA	1-1/4" PVC Coated, Urethane Lined, RGS Straight Sealtight Fitting	135.29	21.56
		For Installation Above 14', Add	*6.47*	
		For Work In Restricted Working Space, Add	*12.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.93*	
26 05 33 13-0785	EA	1-1/2" PVC Coated, Urethane Lined, RGS Straight Sealtight Fitting	158.07	24.49
		For Installation Above 14', Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.70*	
26 05 33 13-0786	EA	2" PVC Coated, Urethane Lined, RGS Straight Sealtight Fitting	244.59	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.17*	
26 05 33 13-0787	EA	2-1/2" PVC Coated, Urethane Lined, RGS Straight Sealtight Fitting	672.37	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.28*	
26 05 33 13-0788	EA	3" PVC Coated, Urethane Lined, RGS Straight Sealtight Fitting	756.54	46.05
		For Installation Above 14', Add	*13.82*	
		For Work In Restricted Working Space, Add	*27.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.64*	
26 05 33 13-0789	EA	4" PVC Coated, Urethane Lined, RGS Straight Sealtight Fitting	965.82	67.60
		For Installation Above 14', Add	*20.28*	
		For Work In Restricted Working Space, Add	*40.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.56*	

26 05 33 13-0790 PVC Coated, Urethane Lined, RGS 45 Degree Grounded Sealtight Fittings

(26 05 33 13-0646)

26 05 33 13-0791	EA	1/2" PVC Coated, Urethane Lined, RGS 45 Degree Grounded Sealtight Fitting	115.32	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.35*	
26 05 33 13-0792	EA	3/4" PVC Coated, Urethane Lined, RGS 45 Degree Grounded Sealtight Fitting	173.89	16.17
		For Installation Above 14', Add	*4.85*	
		For Work In Restricted Working Space, Add	*9.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.70*	
26 05 33 13-0793	EA	1" PVC Coated, Urethane Lined, RGS 45 Degree Grounded Sealtight Fitting	218.68	18.62
		For Installation Above 14', Add	*5.59*	
		For Work In Restricted Working Space, Add	*11.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.17*	
26 05 33 13-0794	EA	1-1/4" PVC Coated, Urethane Lined, RGS 45 Degree Grounded Sealtight Fitting	252.41	21.56
		For Installation Above 14', Add	*6.47*	
		For Work In Restricted Working Space, Add	*12.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.93*	
26 05 33 13-0795	EA	1-1/2" PVC Coated, Urethane Lined, RGS 45 Degree Grounded Sealtight Fitting	286.68	24.49
		For Installation Above 14', Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.70*	
26 05 33 13-0796	EA	2" PVC Coated, Urethane Lined, RGS 45 Degree Grounded Sealtight Fitting	377.44	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.17*	
26 05 33 13-0797	EA	2-1/2" PVC Coated, Urethane Lined, RGS 45 Degree Grounded Sealtight Fitting	1,189.38	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.28*	
26 05 33 13-0798	EA	3" PVC Coated, Urethane Lined, RGS 45 Degree Grounded Sealtight Fitting	1,388.55	46.05
		For Installation Above 14', Add	*13.82*	
		For Work In Restricted Working Space, Add	*27.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.64*	
26 05 33 13-0799	EA	4" PVC Coated, Urethane Lined, RGS 45 Degree Grounded Sealtight Fitting	1,706.88	67.60
		For Installation Above 14', Add	*20.28*	
		For Work In Restricted Working Space, Add	*40.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.56*	

26 05 33 13-0800 PVC Coated, Urethane Lined, RGS 90 Degree Grounded Sealtight Fittings

(26 05 33 13-0646)

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0801	EA	1/2" PVC Coated, Urethane Lined, RGS 90 Degree Grounded Sealtight Fitting	128.05	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.35*	
26 05 33 13-0802	EA	3/4" PVC Coated, Urethane Lined, RGS 90 Degree Grounded Sealtight Fitting	185.91	16.17
		For Installation Above 14', Add	*4.85*	
		For Work In Restricted Working Space, Add	*9.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.70*	
26 05 33 13-0803	EA	1" PVC Coated, Urethane Lined, RGS 90 Degree Grounded Sealtight Fitting	220.97	18.62
		For Installation Above 14', Add	*5.59*	
		For Work In Restricted Working Space, Add	*11.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.17*	
26 05 33 13-0804	EA	1-1/4" PVC Coated, Urethane Lined, RGS 90 Degree Grounded Sealtight Fitting	256.18	21.56
		For Installation Above 14', Add	*6.47*	
		For Work In Restricted Working Space, Add	*12.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.93*	
26 05 33 13-0805	EA	1-1/2" PVC Coated, Urethane Lined, RGS 90 Degree Grounded Sealtight Fitting	297.01	24.49
		For Installation Above 14', Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.70*	
26 05 33 13-0806	EA	2" PVC Coated, Urethane Lined, RGS 90 Degree Grounded Sealtight Fitting	468.29	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.17*	
26 05 33 13-0807	EA	2-1/2" PVC Coated, Urethane Lined, RGS 90 Degree Grounded Sealtight Fitting	1,326.45	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.28*	
26 05 33 13-0808	EA	3" PVC Coated, Urethane Lined, RGS 90 Degree Grounded Sealtight Fitting	1,867.12	46.05
		For Installation Above 14', Add	*13.82*	
		For Work In Restricted Working Space, Add	*27.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.64*	
26 05 33 13-0809	EA	4" PVC Coated, Urethane Lined, RGS 90 Degree Grounded Sealtight Fitting	1,949.14	67.60
		For Installation Above 14', Add	*20.28*	
		For Work In Restricted Working Space, Add	*40.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.56*	

26 05 33 13-0810 PVC Coated, Urethane Lined, RGS Straight Grounded Sealtight Fittings *(26 05 33 13-0646)*

26 05 33 13-0811	EA	1/2" PVC Coated, Urethane Lined, RGS Straight Grounded Sealtight Fitting	101.29	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.35*	
26 05 33 13-0812	EA	3/4" PVC Coated, Urethane Lined, RGS Straight Grounded Sealtight Fitting	127.79	16.17
		For Installation Above 14', Add	*4.85*	
		For Work In Restricted Working Space, Add	*9.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.70*	
26 05 33 13-0813	EA	1" PVC Coated, Urethane Lined, RGS Straight Grounded Sealtight Fitting	153.13	18.62
		For Installation Above 14', Add	*5.59*	
		For Work In Restricted Working Space, Add	*11.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.17*	
26 05 33 13-0814	EA	1-1/4" PVC Coated, Urethane Lined, RGS Straight Grounded Sealtight Fitting	169.65	21.56
		For Installation Above 14', Add	*6.47*	
		For Work In Restricted Working Space, Add	*12.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.93*	
26 05 33 13-0815	EA	1-1/2" PVC Coated, Urethane Lined, RGS Straight Grounded Sealtight Fitting	228.59	24.49
		For Installation Above 14', Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.70*	
26 05 33 13-0816	EA	2" PVC Coated, Urethane Lined, RGS Straight Grounded Sealtight Fitting	323.29	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.17*	
26 05 33 13-0817	EA	2-1/2" PVC Coated, Urethane Lined, RGS Straight Grounded Sealtight Fitting	1,075.84	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.28*	
26 05 33 13-0818	EA	3" PVC Coated, Urethane Lined, RGS Straight Grounded Sealtight Fitting	1,211.02	46.05
		For Installation Above 14', Add	*13.82*	
		For Work In Restricted Working Space, Add	*27.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.64*	
26 05 33 13-0819	EA	4" PVC Coated, Urethane Lined, RGS Straight Grounded Sealtight Fitting	1,438.83	67.60
		For Installation Above 14', Add	*20.28*	
		For Work In Restricted Working Space, Add	*40.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.56*	

26 05 33 13-0820 PVC Coated, Urethane Lined, RGS Type C, LB, LR, LL Two Hub Conduit Bodies *(26 05 33 13-0646)*

Note: Includes covers.

26 05 33 13-0821	EA	1/2" PVC Coated, Urethane Lined, RGS Type C, LB, LR, LL Two Hub Conduit Body	91.39	23.52
		For Installation Above 14', Add	*7.05*	
		For Work In Restricted Working Space, Add	*14.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.11*	
26 05 33 13-0822	EA	3/4" PVC Coated, Urethane Lined, RGS Type C, LB, LR, LL Two Hub Conduit Body	103.08	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0823	EA	1" PVC Coated, Urethane Lined, RGS Type C, LB, LR, LL Two Hub Conduit Body	127.55	30.87
		For Installation Above 14', Add	*9.26*	
		For Work In Restricted Working Space, Add	*18.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.52*	
26 05 33 13-0824	EA	1-1/4" PVC Coated, Urethane Lined, RGS Type C, LB, LR, LL Two Hub Conduit Body	167.07	35.76
		For Installation Above 14', Add	*10.73*	
		For Work In Restricted Working Space, Add	*21.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.46*	
26 05 33 13-0825	EA	1-1/2" PVC Coated, Urethane Lined, RGS Type C, LB, LR, LL Two Hub Conduit Body	195.07	39.19
		For Installation Above 14', Add	*11.76*	
		For Work In Restricted Working Space, Add	*23.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.52*	
26 05 33 13-0826	EA	2" PVC Coated, Urethane Lined, RGS Type C, LB, LR, LL Two Hub Conduit Body	266.09	47.03
		For Installation Above 14', Add	*14.11*	
		For Work In Restricted Working Space, Add	*28.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.22*	
26 05 33 13-0827	EA	2-1/2" PVC Coated, Urethane Lined, RGS Type C, LB, LR, LL Two Hub Conduit Body	447.96	66.14
		For Installation Above 14', Add	*19.84*	
		For Work In Restricted Working Space, Add	*39.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.68*	
26 05 33 13-0828	EA	3" PVC Coated, Urethane Lined, RGS Type C, LB, LR, LL Two Hub Conduit Body	573.49	88.19
		For Installation Above 14', Add	*26.46*	
		For Work In Restricted Working Space, Add	*52.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.91*	
26 05 33 13-0829	EA	3-1/2" PVC Coated, Urethane Lined, RGS Type C, LB, LR, LL Two Hub Conduit Body	797.43	110.23
		For Installation Above 14', Add	*33.07*	
		For Work In Restricted Working Space, Add	*66.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.14*	
26 05 33 13-0830	EA	4" PVC Coated, Urethane Lined, RGS Type C, LB, LR, LL Two Hub Conduit Body	915.21	134.24
		For Installation Above 14', Add	*40.27*	
		For Work In Restricted Working Space, Add	*80.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.54*	

26 05 33 13-0831 PVC Coated, Urethane Lined, RGS Type X Four Hub Conduit Bodies *(26 05 33 13-0646)*

Note: Includes covers.

26 05 33 13-0832	EA	1/2" PVC Coated, Urethane Lined, RGS Type X Four Hub Conduit Body	119.41	30.87
		For Installation Above 14', Add	*9.26*	
		For Work In Restricted Working Space, Add	*18.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.52*	
26 05 33 13-0833	EA	3/4" PVC Coated, Urethane Lined, RGS Type X Four Hub Conduit Body	136.13	34.30
		For Installation Above 14', Add	*10.29*	
		For Work In Restricted Working Space, Add	*20.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.58*	
26 05 33 13-0834	EA	1" PVC Coated, Urethane Lined, RGS Type X Four Hub Conduit Body	166.42	37.73
		For Installation Above 14', Add	*11.32*	
		For Work In Restricted Working Space, Add	*22.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.63*	
26 05 33 13-0835	EA	1-1/4" PVC Coated, Urethane Lined, RGS Type X Four Hub Conduit Body	224.07	43.11
		For Installation Above 14', Add	*12.93*	
		For Work In Restricted Working Space, Add	*25.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.87*	
26 05 33 13-0836	EA	1-1/2" PVC Coated, Urethane Lined, RGS Type X Four Hub Conduit Body	264.93	47.03
		For Installation Above 14', Add	*14.11*	
		For Work In Restricted Working Space, Add	*28.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.22*	
26 05 33 13-0837	EA	2" PVC Coated, Urethane Lined, RGS Type X Four Hub Conduit Body	361.05	57.81
		For Installation Above 14', Add	*17.34*	
		For Work In Restricted Working Space, Add	*34.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.69*	

26 05 33 13-0838 PVC Coated, Urethane Lined, RGS Type T Or TB Three Hub Conduit Bodies *(26 05 33 13-0646)*

Note: Includes covers.

26 05 33 13-0839	EA	1/2" PVC Coated, Urethane Lined, RGS Type T Or TB Three Hub Conduit Body	105.11	26.95
		For Installation Above 14', Add	*8.09*	
		For Work In Restricted Working Space, Add	*16.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.17*	
26 05 33 13-0840	EA	3/4" PVC Coated, Urethane Lined, RGS Type T Or TB Three Hub Conduit Body	119.90	31.35
		For Installation Above 14', Add	*9.41*	
		For Work In Restricted Working Space, Add	*18.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.81*	
26 05 33 13-0841	EA	1" PVC Coated, Urethane Lined, RGS Type T Or TB Three Hub Conduit Body	145.21	34.30
		For Installation Above 14', Add	*10.29*	
		For Work In Restricted Working Space, Add	*20.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.58*	
26 05 33 13-0842	EA	1-1/4" PVC Coated, Urethane Lined, RGS Type T Or TB Three Hub Conduit Body	186.25	39.19
		For Installation Above 14', Add	*11.76*	
		For Work In Restricted Working Space, Add	*23.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.52*	
26 05 33 13-0843	EA	1-1/2" PVC Coated, Urethane Lined, RGS Type T Or TB Three Hub Conduit Body	220.93	43.11
		For Installation Above 14', Add	*12.93*	
		For Work In Restricted Working Space, Add	*25.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.87*	
26 05 33 13-0844	EA	2" PVC Coated, Urethane Lined, RGS Type T Or TB Three Hub Conduit Body	296.52	50.46
		For Installation Above 14', Add	*15.14*	
		For Work In Restricted Working Space, Add	*30.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0845	EA	2-1/2" PVC Coated, Urethane Lined, RGS Type T Or TB Three Hub Conduit Body	477.39	73.49
		For Installation Above 14', Add	*22.05*	
		For Work In Restricted Working Space, Add	*44.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.09*	
26 05 33 13-0846	EA	3" PVC Coated, Urethane Lined, RGS Type T Or TB Three Hub Conduit Body	631.97	95.54
		For Installation Above 14', Add	*28.66*	
		For Work In Restricted Working Space, Add	*57.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.32*	
26 05 33 13-0847	EA	3-1/2" PVC Coated, Urethane Lined, RGS Type T Or TB Three Hub Conduit Body	868.89	117.58
		For Installation Above 14', Add	*35.27*	
		For Work In Restricted Working Space, Add	*70.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.55*	
26 05 33 13-0848	EA	4" PVC Coated, Urethane Lined, RGS Type T Or TB Three Hub Conduit Body	970.69	141.59
		For Installation Above 14', Add	*42.48*	
		For Work In Restricted Working Space, Add	*84.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.95*	

26 05 33 13-0849 PVC Coated, Urethane Lined, Replacement RGS Conduit Body Covers *(26 05 33 13-0646)*

26 05 33 13-0850	EA	1/2" PVC Coated, Urethane Lined, Replacement RGS Conduit Body Cover	16.48	2.94
		For Installation Above 14', Add	*0.88*	
		For Work In Restricted Working Space, Add	*1.76*	
26 05 33 13-0851	EA	3/4" PVC Coated, Urethane Lined, Replacement RGS Conduit Body Cover	18.57	3.43
		For Installation Above 14', Add	*1.03*	
		For Work In Restricted Working Space, Add	*2.06*	
26 05 33 13-0852	EA	1" PVC Coated, Urethane Lined, Replacement RGS Conduit Body Cover	24.18	4.41
		For Installation Above 14', Add	*1.32*	
		For Work In Restricted Working Space, Add	*2.65*	
26 05 33 13-0853	EA	1-1/4" PVC Coated, Urethane Lined, Replacement RGS Conduit Body Cover	30.92	5.39
		For Installation Above 14', Add	*1.62*	
		For Work In Restricted Working Space, Add	*3.23*	
26 05 33 13-0854	EA	1-1/2" PVC Coated, Urethane Lined, Replacement RGS Conduit Body Cover	34.82	6.37
		For Installation Above 14', Add	*1.91*	
		For Work In Restricted Working Space, Add	*3.82*	
26 05 33 13-0855	EA	2" PVC Coated, Urethane Lined, Replacement RGS Conduit Body Cover	42.77	7.35
		For Installation Above 14', Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.41*	
26 05 33 13-0856	EA	2-1/2" PVC Coated, Urethane Lined, Replacement RGS Conduit Body Cover	54.61	8.33
		For Installation Above 14', Add	*2.50*	
		For Work In Restricted Working Space, Add	*5.00*	
26 05 33 13-0857	EA	3" PVC Coated, Urethane Lined, Replacement RGS Conduit Body Cover	61.48	11.76
		For Installation Above 14', Add	*3.53*	
		For Work In Restricted Working Space, Add	*7.06*	
26 05 33 13-0858	EA	3-1/2" PVC Coated, Urethane Lined, Replacement RGS Conduit Body Cover	74.06	13.22
		For Installation Above 14', Add	*3.97*	
		For Work In Restricted Working Space, Add	*7.94*	
26 05 33 13-0859	EA	4" PVC Coated, Urethane Lined, Replacement RGS Conduit Body Cover	80.92	16.65
		For Installation Above 14', Add	*5.00*	
		For Work In Restricted Working Space, Add	*10.00*	

26 05 33 13-0860 PVC Coated, Urethane Lined, RGS EYS Sealing Conduit Bodies *(26 05 33 13-0646)*

26 05 33 13-0861	EA	1/2" PVC Coated, Urethane Lined, RGS EYS Sealing Conduit Body	103.32	23.52
		For Installation Above 14', Add	*7.05*	
		For Work In Restricted Working Space, Add	*14.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.11*	
26 05 33 13-0862	EA	3/4" PVC Coated, Urethane Lined, RGS EYS Sealing Conduit Body	114.43	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.17*	
26 05 33 13-0863	EA	1" PVC Coated, Urethane Lined, RGS EYS Sealing Conduit Body	133.64	30.87
		For Installation Above 14', Add	*9.26*	
		For Work In Restricted Working Space, Add	*18.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.52*	
26 05 33 13-0864	EA	1-1/4" PVC Coated, Urethane Lined, RGS EYS Sealing Conduit Body	158.62	35.76
		For Installation Above 14', Add	*10.73*	
		For Work In Restricted Working Space, Add	*21.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.46*	
26 05 33 13-0865	EA	1-1/2" PVC Coated, Urethane Lined, RGS EYS Sealing Conduit Body	197.45	39.19
		For Installation Above 14', Add	*11.76*	
		For Work In Restricted Working Space, Add	*23.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.52*	
26 05 33 13-0866	EA	2" PVC Coated, Urethane Lined, RGS EYS Sealing Conduit Body	239.28	47.03
		For Installation Above 14', Add	*14.11*	
		For Work In Restricted Working Space, Add	*28.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.22*	
26 05 33 13-0867	EA	2-1/2" PVC Coated, Urethane Lined, RGS EYS Sealing Conduit Body	346.52	66.14
		For Installation Above 14', Add	*19.84*	
		For Work In Restricted Working Space, Add	*39.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.68*	
26 05 33 13-0868	EA	3" PVC Coated, Urethane Lined, RGS EYS Sealing Conduit Body	444.33	88.19
		For Installation Above 14', Add	*26.46*	
		For Work In Restricted Working Space, Add	*52.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.91*	
26 05 33 13-0869	EA	3-1/2" PVC Coated, Urethane Lined, RGS EYS Sealing Conduit Body	888.90	110.23
		For Installation Above 14', Add	*33.07*	
		For Work In Restricted Working Space, Add	*66.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.14*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0870		EA	4" PVC Coated, Urethane Lined, RGS EYS Sealing Conduit Body	1,301.73	134.24
			For Installation Above 14', Add	*40.27*	
			For Work In Restricted Working Space, Add	*80.54*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.54*	

26 05 33 13-0871 PVC Coated, Urethane Lined, RGS EYD Sealing Conduit Bodies *(26 05 33 13-0646)*

26 05 33 13-0872		EA	1/2" PVC Coated, Urethane Lined, RGS EYD Sealing Conduit Body	176.59	23.52
			For Installation Above 14', Add	*7.05*	
			For Work In Restricted Working Space, Add	*14.11*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.11*	
26 05 33 13-0873		EA	3/4" PVC Coated, Urethane Lined, RGS EYD Sealing Conduit Body	190.18	26.95
			For Installation Above 14', Add	*8.08*	
			For Work In Restricted Working Space, Add	*16.17*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.17*	
26 05 33 13-0874		EA	1" PVC Coated, Urethane Lined, RGS EYD Sealing Conduit Body	217.17	30.87
			For Installation Above 14', Add	*9.26*	
			For Work In Restricted Working Space, Add	*18.52*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.52*	
26 05 33 13-0875		EA	1-1/4" PVC Coated, Urethane Lined, RGS EYD Sealing Conduit Body	243.10	35.76
			For Installation Above 14', Add	*10.73*	
			For Work In Restricted Working Space, Add	*21.46*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.46*	
26 05 33 13-0876		EA	1-1/2" PVC Coated, Urethane Lined, RGS EYD Sealing Conduit Body	294.70	39.19
			For Installation Above 14', Add	*11.76*	
			For Work In Restricted Working Space, Add	*23.52*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.52*	
26 05 33 13-0877		EA	2" PVC Coated, Urethane Lined, RGS EYD Sealing Conduit Body	331.79	47.03
			For Installation Above 14', Add	*14.11*	
			For Work In Restricted Working Space, Add	*28.22*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.22*	
26 05 33 13-0878		EA	2-1/2" PVC Coated, Urethane Lined, RGS EYD Sealing Conduit Body	466.81	66.14
			For Installation Above 14', Add	*19.84*	
			For Work In Restricted Working Space, Add	*39.68*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.68*	
26 05 33 13-0879		EA	3" PVC Coated, Urethane Lined, RGS EYD Sealing Conduit Body	650.33	88.19
			For Installation Above 14', Add	*26.46*	
			For Work In Restricted Working Space, Add	*52.91*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.91*	
26 05 33 13-0880		EA	3-1/2" PVC Coated, Urethane Lined, RGS EYD Sealing Conduit Body	948.72	110.23
			For Installation Above 14', Add	*33.07*	
			For Work In Restricted Working Space, Add	*66.14*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.14*	
26 05 33 13-0881		EA	4" PVC Coated, Urethane Lined, RGS EYD Sealing Conduit Body	1,380.01	134.24
			For Installation Above 14', Add	*40.27*	
			For Work In Restricted Working Space, Add	*80.54*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.54*	

26 05 33 13-0882 PVC Coated, Urethane Lined, RGS EZS Sealing Conduit Bodies *(26 05 33 13-0646)*

26 05 33 13-0883		EA	1/2" PVC Coated, Urethane Lined, RGS EZS Sealing Conduit Body	141.32	23.52
			For Installation Above 14', Add	*7.05*	
			For Work In Restricted Working Space, Add	*14.11*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.11*	
26 05 33 13-0884		EA	3/4" PVC Coated, Urethane Lined, RGS EZS Sealing Conduit Body	150.68	26.95
			For Installation Above 14', Add	*8.08*	
			For Work In Restricted Working Space, Add	*16.17*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.17*	
26 05 33 13-0885		EA	1" PVC Coated, Urethane Lined, RGS EZS Sealing Conduit Body	173.12	30.87
			For Installation Above 14', Add	*9.26*	
			For Work In Restricted Working Space, Add	*18.52*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.52*	
26 05 33 13-0886		EA	1-1/4" PVC Coated, Urethane Lined, RGS EZS Sealing Conduit Body	193.14	35.76
			For Installation Above 14', Add	*10.73*	
			For Work In Restricted Working Space, Add	*21.46*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.46*	
26 05 33 13-0887		EA	1-1/2" PVC Coated, Urethane Lined, RGS EZS Sealing Conduit Body	265.61	39.19
			For Installation Above 14', Add	*11.76*	
			For Work In Restricted Working Space, Add	*23.52*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.52*	
26 05 33 13-0888		EA	2" PVC Coated, Urethane Lined, RGS EZS Sealing Conduit Body	333.55	47.03
			For Installation Above 14', Add	*14.11*	
			For Work In Restricted Working Space, Add	*28.22*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.22*	
26 05 33 13-0889		EA	2-1/2" PVC Coated, Urethane Lined, RGS EZS Sealing Conduit Body	517.96	66.14
			For Installation Above 14', Add	*19.84*	
			For Work In Restricted Working Space, Add	*39.68*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.68*	
26 05 33 13-0890		EA	3" PVC Coated, Urethane Lined, RGS EZS Sealing Conduit Body	754.40	88.19
			For Installation Above 14', Add	*26.46*	
			For Work In Restricted Working Space, Add	*52.91*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.91*	
26 05 33 13-0891		EA	3-1/2" PVC Coated, Urethane Lined, RGS EZS Sealing Conduit Body	948.72	110.23
			For Installation Above 14', Add	*33.07*	
			For Work In Restricted Working Space, Add	*66.14*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.14*	

26 05 33 13-0892 PVC Coated, Urethane Lined, RGS EZD Sealing Conduit Bodies *(26 05 33 13-0646)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0893	EA	1/2" PVC Coated, Urethane Lined, RGS EZD Sealing Conduit Body	186.94	23.52
		For Installation Above 14', Add	*7.05*	
		For Work In Restricted Working Space, Add	*14.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.11*	
26 05 33 13-0894	EA	3/4" PVC Coated, Urethane Lined, RGS EZD Sealing Conduit Body	207.45	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.17*	
26 05 33 13-0895	EA	1" PVC Coated, Urethane Lined, RGS EZD Sealing Conduit Body	257.13	30.87
		For Installation Above 14', Add	*9.26*	
		For Work In Restricted Working Space, Add	*18.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.52*	
26 05 33 13-0896	EA	1-1/4" PVC Coated, Urethane Lined, RGS EZD Sealing Conduit Body	316.99	35.76
		For Installation Above 14', Add	*10.73*	
		For Work In Restricted Working Space, Add	*21.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.46*	
26 05 33 13-0897	EA	1-1/2" PVC Coated, Urethane Lined, RGS EZD Sealing Conduit Body	440.59	39.19
		For Installation Above 14', Add	*11.76*	
		For Work In Restricted Working Space, Add	*23.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.52*	
26 05 33 13-0898	EA	2" PVC Coated, Urethane Lined, RGS EZD Sealing Conduit Body	528.03	47.03
		For Installation Above 14', Add	*14.11*	
		For Work In Restricted Working Space, Add	*28.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.22*	

26 05 33 13-0899 PVC Coated, Urethane Lined, RGS Split Couplings *(26 05 33 13-0646)*

26 05 33 13-0900	EA	1/2" PVC Coated, Urethane Lined, RGS Split Coupling	41.63	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
26 05 33 13-0901	EA	3/4" PVC Coated, Urethane Lined, RGS Split Coupling	55.50	15.19
		For Installation Above 14', Add	*4.56*	
		For Work In Restricted Working Space, Add	*9.11*	
26 05 33 13-0902	EA	1" PVC Coated, Urethane Lined, RGS Split Coupling	67.74	18.62
		For Installation Above 14', Add	*5.59*	
		For Work In Restricted Working Space, Add	*11.17*	
26 05 33 13-0903	EA	1-1/4" PVC Coated, Urethane Lined, RGS Split Coupling	88.88	21.56
		For Installation Above 14', Add	*6.47*	
		For Work In Restricted Working Space, Add	*12.93*	
26 05 33 13-0904	EA	1-1/2" PVC Coated, Urethane Lined, RGS Split Coupling	113.30	24.49
		For Installation Above 14', Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
26 05 33 13-0905	EA	2" PVC Coated, Urethane Lined, RGS Split Coupling	189.85	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-0906	EA	2-1/2" PVC Coated, Urethane Lined, RGS Split Coupling	281.67	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
26 05 33 13-0907	EA	3" PVC Coated, Urethane Lined, RGS Split Coupling	366.61	46.05
		For Installation Above 14', Add	*13.82*	
		For Work In Restricted Working Space, Add	*27.63*	
26 05 33 13-0908	EA	3-1/2" PVC Coated, Urethane Lined, RGS Split Coupling	501.35	51.93
		For Installation Above 14', Add	*15.58*	
		For Work In Restricted Working Space, Add	*31.16*	
26 05 33 13-0909	EA	4" PVC Coated, Urethane Lined, RGS Split Coupling	623.51	67.60
		For Installation Above 14', Add	*20.28*	
		For Work In Restricted Working Space, Add	*40.57*	
26 05 33 13-0910	EA	5" PVC Coated, Urethane Lined, RGS Split Coupling	1,003.55	110.23
		For Installation Above 14', Add	*33.07*	
		For Work In Restricted Working Space, Add	*66.14*	
26 05 33 13-0911	EA	6" PVC Coated, Urethane Lined, RGS Split Coupling	1,378.67	165.60
		For Installation Above 14', Add	*49.68*	
		For Work In Restricted Working Space, Add	*99.36*	

26 05 33 13-0912 PVC Coated, Urethane Lined, RGS Pulling Elbows *(26 05 33 13-0646)*

26 05 33 13-0913	EA	1/2" PVC Coated, Urethane Lined, RGS Pulling Elbow	133.27	23.52
		For Installation Above 14', Add	*7.05*	
		For Work In Restricted Working Space, Add	*14.11*	
26 05 33 13-0914	EA	3/4" PVC Coated, Urethane Lined, RGS Pulling Elbow	157.58	25.97
		For Installation Above 14', Add	*7.79*	
		For Work In Restricted Working Space, Add	*15.58*	
26 05 33 13-0915	EA	1" PVC Coated, Urethane Lined, RGS Pulling Elbow	173.85	30.87
		For Installation Above 14', Add	*9.26*	
		For Work In Restricted Working Space, Add	*18.52*	
26 05 33 13-0916	EA	1-1/4" PVC Coated, Urethane Lined, RGS Pulling Elbow	249.94	35.76
		For Installation Above 14', Add	*10.73*	
		For Work In Restricted Working Space, Add	*21.46*	
26 05 33 13-0917	EA	1-1/2" PVC Coated, Urethane Lined, RGS Pulling Elbow	329.81	39.19
		For Installation Above 14', Add	*11.76*	
		For Work In Restricted Working Space, Add	*23.52*	
26 05 33 13-0918	EA	2" PVC Coated, Urethane Lined, RGS Pulling Elbow	355.92	47.03
		For Installation Above 14', Add	*14.11*	
		For Work In Restricted Working Space, Add	*28.22*	
26 05 33 13-0919	EA	2-1/2" PVC Coated, Urethane Lined, RGS Pulling Elbow	841.28	65.16
		For Installation Above 14', Add	*19.55*	
		For Work In Restricted Working Space, Add	*39.10*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0920		EA	3" PVC Coated, Urethane Lined, RGS Pulling Elbow	887.49	88.19
			For Installation Above 14', Add	*26.46*	
			For Work In Restricted Working Space, Add	*52.91*	
26 05 33 13-0921		EA	3-1/2" PVC Coated, Urethane Lined, RGS Pulling Elbow	1,452.24	110.23
			For Installation Above 14', Add	*33.07*	
			For Work In Restricted Working Space, Add	*66.14*	
26 05 33 13-0922		EA	4" PVC Coated, Urethane Lined, RGS Pulling Elbow	1,512.20	134.24
			For Installation Above 14', Add	*40.27*	
			For Work In Restricted Working Space, Add	*80.55*	

26 05 33 13-0923 PVC Coated, Urethane Lined, RGS Hazardous Locations Pulling Elbows *(26 05 33 13-0646)*

26 05 33 13-0924		EA	1/2" PVC Coated, Urethane Lined, RGS Hazardous Locations Pulling Elbow	194.65	23.52
			For Installation Above 14', Add	*7.05*	
			For Work In Restricted Working Space, Add	*14.11*	
26 05 33 13-0925		EA	3/4" PVC Coated, Urethane Lined, RGS Hazardous Locations Pulling Elbow	221.74	26.95
			For Installation Above 14', Add	*8.08*	
			For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-0926		EA	1" PVC Coated, Urethane Lined, RGS Hazardous Locations Pulling Elbow	437.89	30.87
			For Installation Above 14', Add	*9.26*	
			For Work In Restricted Working Space, Add	*18.52*	
26 05 33 13-0927		EA	1-1/4" PVC Coated, Urethane Lined, RGS Hazardous Locations Pulling Elbow	459.30	35.76
			For Installation Above 14', Add	*10.73*	
			For Work In Restricted Working Space, Add	*21.46*	
26 05 33 13-0928		EA	1-1/2" PVC Coated, Urethane Lined, RGS Hazardous Locations Pulling Elbow	628.04	39.19
			For Installation Above 14', Add	*11.76*	
			For Work In Restricted Working Space, Add	*23.52*	
26 05 33 13-0929		EA	2" PVC Coated, Urethane Lined, RGS Hazardous Locations Pulling Elbow	669.78	47.03
			For Installation Above 14', Add	*14.11*	
			For Work In Restricted Working Space, Add	*28.22*	
26 05 33 13-0930		EA	2-1/2" PVC Coated, Urethane Lined, RGS Hazardous Locations Pulling Elbow	1,288.30	66.14
			For Installation Above 14', Add	*19.84*	
			For Work In Restricted Working Space, Add	*39.68*	
26 05 33 13-0931		EA	3" PVC Coated, Urethane Lined, RGS Hazardous Locations Pulling Elbow	1,355.25	88.19
			For Installation Above 14', Add	*26.46*	
			For Work In Restricted Working Space, Add	*52.91*	
26 05 33 13-0932		EA	3-1/2" PVC Coated, Urethane Lined, RGS Hazardous Locations Pulling Elbow	1,985.80	110.23
			For Installation Above 14', Add	*33.07*	
			For Work In Restricted Working Space, Add	*66.14*	
26 05 33 13-0933		EA	4" PVC Coated, Urethane Lined, RGS Hazardous Locations Pulling Elbow	2,248.40	134.24
			For Installation Above 14', Add	*40.27*	
			For Work In Restricted Working Space, Add	*80.54*	

26 05 33 13-0934 PVC Coated, Urethane Lined, RGS Male To Male 90 Degree Malleable Elbows *(26 05 33 13-0646)*

26 05 33 13-0935		EA	1/2" PVC Coated, Urethane Lined, RGS Male To Male 90 Degree Malleable Elbow	74.60	12.25
			For Installation Above 14', Add	*3.67*	
			For Work In Restricted Working Space, Add	*7.35*	
26 05 33 13-0936		EA	3/4" PVC Coated, Urethane Lined, RGS Male To Male 90 Degree Malleable Elbow	86.80	15.19
			For Installation Above 14', Add	*4.56*	
			For Work In Restricted Working Space, Add	*9.11*	
26 05 33 13-0937		EA	1" PVC Coated, Urethane Lined, RGS Male To Male 90 Degree Malleable Elbow	103.39	18.62
			For Installation Above 14', Add	*5.59*	
			For Work In Restricted Working Space, Add	*11.17*	
26 05 33 13-0938		EA	1-1/4" PVC Coated, Urethane Lined, RGS Male To Male 90 Degree Malleable Elbow	122.05	21.56
			For Installation Above 14', Add	*6.47*	
			For Work In Restricted Working Space, Add	*12.93*	

26 05 33 13-0939 PVC Coated, Urethane Lined, RGS Female To Female 90 Degree Malleable Elbows *(26 05 33 13-0646)*

26 05 33 13-0940		EA	1/2" PVC Coated, Urethane Lined, RGS Female To Female 90 Degree Malleable Elbow	58.61	12.25
			For Installation Above 14', Add	*3.67*	
			For Work In Restricted Working Space, Add	*7.35*	
26 05 33 13-0941		EA	3/4" PVC Coated, Urethane Lined, RGS Female To Female 90 Degree Malleable Elbow	67.61	15.19
			For Installation Above 14', Add	*4.56*	
			For Work In Restricted Working Space, Add	*9.11*	
26 05 33 13-0942		EA	1" PVC Coated, Urethane Lined, RGS Female To Female 90 Degree Malleable Elbow	94.04	18.62
			For Installation Above 14', Add	*5.59*	
			For Work In Restricted Working Space, Add	*11.17*	
26 05 33 13-0943		EA	1-1/4" PVC Coated, Urethane Lined, RGS Female To Female 90 Degree Malleable Elbow	122.12	21.56
			For Installation Above 14', Add	*6.47*	
			For Work In Restricted Working Space, Add	*12.93*	
26 05 33 13-0944		EA	1-1/2" PVC Coated, Urethane Lined, RGS Female To Female 90 Degree Malleable Elbow	148.92	24.49
			For Installation Above 14', Add	*7.35*	
			For Work In Restricted Working Space, Add	*14.70*	
26 05 33 13-0945		EA	2" PVC Coated, Urethane Lined, RGS Female To Female 90 Degree Malleable Elbow	214.55	26.95
			For Installation Above 14', Add	*8.08*	
			For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-0946		EA	2-1/2" PVC Coated, Urethane Lined, RGS Female To Female 90 Degree Malleable Elbow	293.36	33.81
			For Installation Above 14', Add	*10.14*	
			For Work In Restricted Working Space, Add	*20.28*	

26 05 33 13-0947 PVC Coated, Urethane Lined, RGS Male To Female 90 Degree Malleable Elbows *(26 05 33 13-0646)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0948	EA	1/2" PVC Coated, Urethane Lined, RGS Male To Female 90 Degree Malleable Elbow	74.63	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
26 05 33 13-0949	EA	3/4" PVC Coated, Urethane Lined, RGS Male To Female 90 Degree Malleable Elbow	89.01	15.19
		For Installation Above 14', Add	*4.56*	
		For Work In Restricted Working Space, Add	*9.11*	
26 05 33 13-0950	EA	1" PVC Coated, Urethane Lined, RGS Male To Female 90 Degree Malleable Elbow	103.41	18.62
		For Installation Above 14', Add	*5.59*	
		For Work In Restricted Working Space, Add	*11.17*	
26 05 33 13-0951	EA	1-1/4" PVC Coated, Urethane Lined, RGS Male To Female 90 Degree Malleable Elbow	122.09	21.56
		For Installation Above 14', Add	*6.47*	
		For Work In Restricted Working Space, Add	*12.93*	

26 05 33 13-0952 PVC Coated, Urethane Lined, RGS Female To Female 45 Degree Malleable Elbows *(26 05 33 13-0646)*

26 05 33 13-0953	EA	1/2" PVC Coated, Urethane Lined, RGS Female To Female 45 Degree Malleable Elbow	58.66	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
26 05 33 13-0954	EA	3/4" PVC Coated, Urethane Lined, RGS Female To Female 45 Degree Malleable Elbow	67.61	15.19
		For Installation Above 14', Add	*4.56*	
		For Work In Restricted Working Space, Add	*9.11*	
26 05 33 13-0955	EA	1" PVC Coated, Urethane Lined, RGS Female To Female 45 Degree Malleable Elbow	87.42	18.62
		For Installation Above 14', Add	*5.59*	
		For Work In Restricted Working Space, Add	*11.17*	
26 05 33 13-0956	EA	1-1/4" PVC Coated, Urethane Lined, RGS Female To Female 45 Degree Malleable Elbow	109.26	21.56
		For Installation Above 14', Add	*6.47*	
		For Work In Restricted Working Space, Add	*12.93*	
26 05 33 13-0957	EA	1-1/2" PVC Coated, Urethane Lined, RGS Female To Female 45 Degree Malleable Elbow	127.98	24.49
		For Installation Above 14', Add	*7.35*	
		For Work In Restricted Working Space, Add	*14.70*	
26 05 33 13-0958	EA	2" PVC Coated, Urethane Lined, RGS Female To Female 45 Degree Malleable Elbow	147.46	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-0959	EA	2-1/2" PVC Coated, Urethane Lined, RGS Female To Female 45 Degree Malleable Elbow	276.25	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
26 05 33 13-0960	EA	3" PVC Coated, Urethane Lined, RGS Female To Female 45 Degree Malleable Elbow	316.25	46.05
		For Installation Above 14', Add	*13.82*	
		For Work In Restricted Working Space, Add	*27.63*	
26 05 33 13-0961	EA	3-1/2" PVC Coated, Urethane Lined, RGS Female To Female 45 Degree Malleable Elbow	341.09	51.93
		For Installation Above 14', Add	*15.58*	
		For Work In Restricted Working Space, Add	*31.16*	
26 05 33 13-0962	EA	4" PVC Coated, Urethane Lined, RGS Female To Female 45 Degree Malleable Elbow	420.63	67.60
		For Installation Above 14', Add	*20.28*	
		For Work In Restricted Working Space, Add	*40.57*	

26 05 33 13-0963 PVC Coated, Urethane Lined, RGS Service Entrance Elbows *(26 05 33 13-0646)*

26 05 33 13-0964	EA	1/2" PVC Coated, Urethane Lined, RGS Service Entrance Elbow	122.91	23.52
		For Installation Above 14', Add	*7.05*	
		For Work In Restricted Working Space, Add	*14.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.11*	
26 05 33 13-0965	EA	3/4" PVC Coated, Urethane Lined, RGS Service Entrance Elbow	132.76	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.17*	
26 05 33 13-0966	EA	1" PVC Coated, Urethane Lined, RGS Service Entrance Elbow	145.26	30.87
		For Installation Above 14', Add	*9.26*	
		For Work In Restricted Working Space, Add	*18.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.52*	
26 05 33 13-0967	EA	1-1/4" PVC Coated, Urethane Lined, RGS Service Entrance Elbow	195.37	35.76
		For Installation Above 14', Add	*10.73*	
		For Work In Restricted Working Space, Add	*21.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.46*	
26 05 33 13-0968	EA	1-1/2" PVC Coated, Urethane Lined, RGS Service Entrance Elbow	248.91	39.19
		For Installation Above 14', Add	*11.76*	
		For Work In Restricted Working Space, Add	*23.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.52*	

26 05 33 13-0969 PVC Coated, Urethane Lined, RGS GUAB, GUAC, GUAL, GUAN Junction Boxes With Cast Iron Cover *(26 05 33 13-0646)*

26 05 33 13-0970	EA	1/2" PVC Coated, Urethane Lined, RGS GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	148.25	23.52
		For Installation Above 14', Add	*7.05*	
		For Work In Restricted Working Space, Add	*14.11*	
26 05 33 13-0971	EA	3/4" PVC Coated, Urethane Lined, RGS GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	159.65	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-0972	EA	1" PVC Coated, Urethane Lined, RGS GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	186.64	30.87
		For Installation Above 14', Add	*9.26*	
		For Work In Restricted Working Space, Add	*18.52*	
26 05 33 13-0973	EA	1-1/4" PVC Coated, Urethane Lined, RGS GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	267.19	35.76
		For Installation Above 14', Add	*10.73*	
		For Work In Restricted Working Space, Add	*21.46*	
26 05 33 13-0974	EA	1-1/2" PVC Coated, Urethane Lined, RGS GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	435.02	39.19
		For Installation Above 14', Add	*11.76*	
		For Work In Restricted Working Space, Add	*23.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0975	EA	2" PVC Coated, Urethane Lined, RGS GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	469.80	47.03
		For Installation Above 14', Add	*14.11*	
		For Work In Restricted Working Space, Add	*28.22*	

26 05 33 13-0976 PVC Coated, Urethane Lined, RGS GUAT Junction Boxes With Cast Iron Cover *(26 05 33 13-0646)*

26 05 33 13-0977	EA	1/2" PVC Coated, Urethane Lined, RGS GUAT Junction Box With Cast Iron Cover	162.63	23.52
		For Installation Above 14', Add	*7.05*	
		For Work In Restricted Working Space, Add	*14.11*	
26 05 33 13-0978	EA	3/4" PVC Coated, Urethane Lined, RGS GUAT Junction Box With Cast Iron Cover	183.63	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-0979	EA	1" PVC Coated, Urethane Lined, RGS GUAT Junction Box With Cast Iron Cover	200.33	30.87
		For Installation Above 14', Add	*9.26*	
		For Work In Restricted Working Space, Add	*18.52*	
26 05 33 13-0980	EA	1-1/4" PVC Coated, Urethane Lined, RGS GUAT Junction Box With Cast Iron Cover	281.10	35.76
		For Installation Above 14', Add	*10.73*	
		For Work In Restricted Working Space, Add	*21.46*	
26 05 33 13-0981	EA	1-1/2" PVC Coated, Urethane Lined, RGS GUAT Junction Box With Cast Iron Cover	468.18	39.19
		For Installation Above 14', Add	*11.76*	
		For Work In Restricted Working Space, Add	*23.52*	
26 05 33 13-0982	EA	2" PVC Coated, Urethane Lined, RGS GUAT Junction Box With Cast Iron Cover	500.24	47.03
		For Installation Above 14', Add	*14.11*	
		For Work In Restricted Working Space, Add	*28.22*	

26 05 33 13-0983 PVC Coated, Urethane Lined, RGS GUAW, GUAX Junction Boxes With Cast Iron Cover *(26 05 33 13-0646)*

26 05 33 13-0984	EA	1/2" PVC Coated, Urethane Lined, RGS GUAW, GUAX Junction Box With Cast Iron Cover	162.74	23.52
		For Installation Above 14', Add	*7.05*	
		For Work In Restricted Working Space, Add	*14.11*	
26 05 33 13-0985	EA	3/4" PVC Coated, Urethane Lined, RGS GUAW, GUAX Junction Box With Cast Iron Cover	179.39	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-0986	EA	1" PVC Coated, Urethane Lined, RGS GUAW, GUAX Junction Box With Cast Iron Cover	213.53	30.87
		For Installation Above 14', Add	*9.26*	
		For Work In Restricted Working Space, Add	*18.52*	
26 05 33 13-0987	EA	1-1/4" PVC Coated, Urethane Lined, RGS GUAW, GUAX Junction Box With Cast Iron Cover	291.69	35.76
		For Installation Above 14', Add	*10.73*	
		For Work In Restricted Working Space, Add	*21.46*	
26 05 33 13-0988	EA	1-1/2" PVC Coated, Urethane Lined, RGS GUAW, GUAX Junction Box With Cast Iron Cover	483.99	39.19
		For Installation Above 14', Add	*11.76*	
		For Work In Restricted Working Space, Add	*23.52*	
26 05 33 13-0989	EA	2" PVC Coated, Urethane Lined, RGS GUAW, GUAX Junction Box With Cast Iron Cover	519.73	47.03
		For Installation Above 14', Add	*14.11*	
		For Work In Restricted Working Space, Add	*28.22*	

26 05 33 13-0990 PVC Coated, Urethane Lined, RGS GUAD Junction Boxes With Cast Iron Cover *(26 05 33 13-0646)*

26 05 33 13-0991	EA	1/2" PVC Coated, Urethane Lined, RGS GUAD Junction Box With Cast Iron Cover	202.55	23.52
		For Installation Above 14', Add	*7.05*	
		For Work In Restricted Working Space, Add	*14.11*	
26 05 33 13-0992	EA	3/4" PVC Coated, Urethane Lined, RGS GUAD Junction Box With Cast Iron Cover	223.64	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-0993	EA	1" PVC Coated, Urethane Lined, RGS GUAD Junction Box With Cast Iron Cover	242.31	30.87
		For Installation Above 14', Add	*9.26*	
		For Work In Restricted Working Space, Add	*18.52*	
26 05 33 13-0994	EA	1-1/4" PVC Coated, Urethane Lined, RGS GUAD Junction Box With Cast Iron Cover	613.41	35.76
		For Installation Above 14', Add	*10.73*	
		For Work In Restricted Working Space, Add	*21.46*	

26 05 33 13-0995 PVC Coated, Urethane Lined, RGS FS Series Junction Boxes *(26 05 33 13-0646)*

Note: Excludes cover.

26 05 33 13-0996	EA	1/2" PVC Coated, Urethane Lined, RGS FS Series Junction Box	96.41	23.52
		For Installation Above 14', Add	*7.05*	
		For Work In Restricted Working Space, Add	*14.11*	
26 05 33 13-0997	EA	3/4" PVC Coated, Urethane Lined, RGS FS Series Junction Box	105.94	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-0998	EA	1" PVC Coated, Urethane Lined, RGS FS Series Junction Box	118.24	30.87
		For Installation Above 14', Add	*9.26*	
		For Work In Restricted Working Space, Add	*18.52*	
26 05 33 13-0999	EA	1/2" PVC Coated, Urethane Lined, RGS FS Series Junction Box	107.20	23.52
		For Installation Above 14', Add	*7.05*	
		For Work In Restricted Working Space, Add	*14.11*	
26 05 33 13-1000	EA	3/4" PVC Coated, Urethane Lined, RGS FS Series Junction Box	115.38	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-1001	EA	1" PVC Coated, Urethane Lined, RGS FS Series Junction Box	131.36	30.87
		For Installation Above 14', Add	*9.26*	
		For Work In Restricted Working Space, Add	*18.52*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1002		PVC Coated, Urethane Lined, RGS FD Series Junction Boxes *(26 05 33 13-0646)* Note: Excludes cover.		
26 05 33 13-1003	EA	1/2" PVC Coated, Urethane Lined, RGS FD Series Junction Box	101.51	23.52
		For Installation Above 14', Add	*7.05*	
		For Work In Restricted Working Space, Add	*14.11*	
26 05 33 13-1004	EA	3/4" PVC Coated, Urethane Lined, RGS FD Series Junction Box	111.68	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-1005	EA	1" PVC Coated, Urethane Lined, RGS FD Series Junction Box	122.21	30.87
		For Installation Above 14', Add	*9.26*	
		For Work In Restricted Working Space, Add	*18.52*	
26 05 33 13-1006	EA	1/2" PVC Coated, Urethane Lined, RGS FD Series Junction Box	114.50	23.52
		For Installation Above 14', Add	*7.05*	
		For Work In Restricted Working Space, Add	*14.11*	
26 05 33 13-1007	EA	3/4" PVC Coated, Urethane Lined, RGS FD Series Junction Box	124.80	26.95
		For Installation Above 14', Add	*8.08*	
		For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-1008	EA	1" PVC Coated, Urethane Lined, RGS FD Series Junction Box	141.05	30.87
		For Installation Above 14', Add	*9.26*	
		For Work In Restricted Working Space, Add	*18.52*	
26 05 33 13-1009		PVC Coated, Urethane Lined, FS And FD Series Covers *(26 05 33 13-0646)*		
26 05 33 13-1010	EA	PVC Coated, Urethane Lined, DS23, FS And FD Series Cover	36.43	2.94
		For Installation Above 14', Add	*0.88*	
		For Work In Restricted Working Space, Add	*1.76*	
26 05 33 13-1011	EA	PVC Coated, Urethane Lined, DS21G, FS And FD Series Cover	49.60	3.43
		For Installation Above 14', Add	*1.03*	
		For Work In Restricted Working Space, Add	*2.06*	
26 05 33 13-1012	EA	PVC Coated, Urethane Lined, DS32G, FS And FD Series Cover	46.80	3.43
		For Installation Above 14', Add	*1.03*	
		For Work In Restricted Working Space, Add	*2.06*	
26 05 33 13-1013	EA	PVC Coated, Urethane Lined, DS100G, FS And FD Series Cover	41.56	3.43
		For Installation Above 14', Add	*1.03*	
		For Work In Restricted Working Space, Add	*2.06*	
26 05 33 13-1014	EA	PVC Coated, Urethane Lined, WLRD1, FS And FD Series Cover	203.72	4.90
		For Installation Above 14', Add	*1.47*	
		For Work In Restricted Working Space, Add	*2.94*	
26 05 33 13-1015	EA	PVC Coated, Urethane Lined, WLRS1, FS And FD Series Cover	181.03	4.90
		For Installation Above 14', Add	*1.47*	
		For Work In Restricted Working Space, Add	*2.94*	
26 05 33 13-1016		PVC Coated, Urethane Lined, RGS Mogul Conduit Bodies *(26 05 33 13-0646)* Note: Includes covers.		
26 05 33 13-1017	EA	1" PVC Coated, Urethane Lined, RGS, BC Mogul Conduit Body	210.61	30.87
		For Installation Above 14', Add	*9.26*	
		For Work In Restricted Working Space, Add	*18.52*	
26 05 33 13-1018	EA	1-1/4" PVC Coated, Urethane Lined, RGS, BC Mogul Conduit Body	236.46	35.76
		For Installation Above 14', Add	*10.73*	
		For Work In Restricted Working Space, Add	*21.46*	
26 05 33 13-1019	EA	1-1/2" PVC Coated, Urethane Lined, RGS, BC Mogul Conduit Body	327.39	39.19
		For Installation Above 14', Add	*11.76*	
		For Work In Restricted Working Space, Add	*23.52*	
26 05 33 13-1020	EA	2" PVC Coated, Urethane Lined, RGS, BC Mogul Conduit Body	390.08	47.03
		For Installation Above 14', Add	*14.11*	
		For Work In Restricted Working Space, Add	*28.22*	
26 05 33 13-1021	EA	2-1/2" PVC Coated, Urethane Lined, RGS, BC Mogul Conduit Body	563.69	66.14
		For Installation Above 14', Add	*19.84*	
		For Work In Restricted Working Space, Add	*39.68*	
26 05 33 13-1022	EA	3" PVC Coated, Urethane Lined, RGS, BC Mogul Conduit Body	710.86	88.19
		For Installation Above 14', Add	*26.46*	
		For Work In Restricted Working Space, Add	*52.91*	
26 05 33 13-1023	EA	3-1/2" PVC Coated, Urethane Lined, RGS, BC Mogul Conduit Body	1,043.63	110.23
		For Installation Above 14', Add	*33.07*	
		For Work In Restricted Working Space, Add	*66.14*	
26 05 33 13-1024	EA	4" PVC Coated, Urethane Lined, RGS, BC Mogul Conduit Body	1,295.16	134.24
		For Installation Above 14', Add	*40.27*	
		For Work In Restricted Working Space, Add	*80.54*	
26 05 33 13-1025	EA	1" PVC Coated, Urethane Lined, RGS, BLB Mogul Conduit Body	210.61	30.87
		For Installation Above 14', Add	*9.26*	
		For Work In Restricted Working Space, Add	*18.52*	
26 05 33 13-1026	EA	1-1/4" PVC Coated, Urethane Lined, RGS, BLB Mogul Conduit Body	236.46	35.76
		For Installation Above 14', Add	*10.73*	
		For Work In Restricted Working Space, Add	*21.46*	
26 05 33 13-1027	EA	1-1/2" PVC Coated, Urethane Lined, RGS, BLB Mogul Conduit Body	326.48	39.19
		For Installation Above 14', Add	*11.76*	
		For Work In Restricted Working Space, Add	*23.52*	
26 05 33 13-1028	EA	2" PVC Coated, Urethane Lined, RGS, BLB Mogul Conduit Body	380.84	47.03
		For Installation Above 14', Add	*14.11*	
		For Work In Restricted Working Space, Add	*28.22*	
26 05 33 13-1029	EA	2-1/2" PVC Coated, Urethane Lined, RGS, BLB Mogul Conduit Body	572.20	66.14
		For Installation Above 14', Add	*19.84*	
		For Work In Restricted Working Space, Add	*39.68*	
26 05 33 13-1030	EA	3" PVC Coated, Urethane Lined, RGS, BLB Mogul Conduit Body	749.02	88.19
		For Installation Above 14', Add	*26.46*	
		For Work In Restricted Working Space, Add	*52.91*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1031		EA	3-1/2" PVC Coated, Urethane Lined, RGS, BLB Mogul Conduit Body	1,089.70	110.23
			For Installation Above 14', Add	*33.07*	
			For Work In Restricted Working Space, Add	*66.14*	
26 05 33 13-1032		EA	4" PVC Coated, Urethane Lined, RGS, BLB Mogul Conduit Body	1,323.85	134.24
			For Installation Above 14', Add	*40.27*	
			For Work In Restricted Working Space, Add	*80.54*	
26 05 33 13-1033		EA	1" PVC Coated, Urethane Lined, RGS, BT Mogul Conduit Body	210.61	30.87
			For Installation Above 14', Add	*9.26*	
			For Work In Restricted Working Space, Add	*18.52*	
26 05 33 13-1034		EA	1-1/4" PVC Coated, Urethane Lined, RGS, BT Mogul Conduit Body	236.46	35.76
			For Installation Above 14', Add	*10.73*	
			For Work In Restricted Working Space, Add	*21.46*	
26 05 33 13-1035		EA	1-1/2" PVC Coated, Urethane Lined, RGS, BT Mogul Conduit Body	326.48	39.19
			For Installation Above 14', Add	*11.76*	
			For Work In Restricted Working Space, Add	*23.52*	
26 05 33 13-1036		EA	2" PVC Coated, Urethane Lined, RGS, BT Mogul Conduit Body	380.84	47.03
			For Installation Above 14', Add	*14.11*	
			For Work In Restricted Working Space, Add	*28.22*	
26 05 33 13-1037		EA	2-1/2" PVC Coated, Urethane Lined, RGS, BT Mogul Conduit Body	572.20	66.14
			For Installation Above 14', Add	*19.84*	
			For Work In Restricted Working Space, Add	*39.68*	
26 05 33 13-1038		EA	3" PVC Coated, Urethane Lined, RGS, BT Mogul Conduit Body	749.02	88.19
			For Installation Above 14', Add	*26.46*	
			For Work In Restricted Working Space, Add	*52.91*	
26 05 33 13-1039		EA	3-1/2" PVC Coated, Urethane Lined, RGS, BT Mogul Conduit Body	1,089.70	110.23
			For Installation Above 14', Add	*33.07*	
			For Work In Restricted Working Space, Add	*66.14*	
26 05 33 13-1040		EA	4" PVC Coated, Urethane Lined, RGS, BT Mogul Conduit Body	1,323.85	134.24
			For Installation Above 14', Add	*40.27*	
			For Work In Restricted Working Space, Add	*80.54*	
26 05 33 13-1041		EA	1" PVC Coated, Urethane Lined, RGS, BUB Mogul Conduit Body	210.61	30.87
			For Installation Above 14', Add	*9.26*	
			For Work In Restricted Working Space, Add	*18.52*	
26 05 33 13-1042		EA	1-1/4" PVC Coated, Urethane Lined, RGS, BUB Mogul Conduit Body	236.46	35.76
			For Installation Above 14', Add	*10.73*	
			For Work In Restricted Working Space, Add	*21.46*	
26 05 33 13-1043		EA	1-1/2" PVC Coated, Urethane Lined, RGS, BUB Mogul Conduit Body	327.39	39.19
			For Installation Above 14', Add	*11.76*	
			For Work In Restricted Working Space, Add	*23.52*	
26 05 33 13-1044		EA	2" PVC Coated, Urethane Lined, RGS, BUB Mogul Conduit Body	385.81	47.03
			For Installation Above 14', Add	*14.11*	
			For Work In Restricted Working Space, Add	*28.22*	
26 05 33 13-1045		EA	2-1/2" PVC Coated, Urethane Lined, RGS, BUB Mogul Conduit Body	563.69	66.14
			For Installation Above 14', Add	*19.84*	
			For Work In Restricted Working Space, Add	*39.68*	
26 05 33 13-1046		EA	3" PVC Coated, Urethane Lined, RGS, BUB Mogul Conduit Body	710.86	88.19
			For Installation Above 14', Add	*26.46*	
			For Work In Restricted Working Space, Add	*52.91*	
26 05 33 13-1047		EA	3-1/2" PVC Coated, Urethane Lined, RGS, BUB Mogul Conduit Body	1,043.63	110.23
			For Installation Above 14', Add	*33.07*	
			For Work In Restricted Working Space, Add	*66.14*	
26 05 33 13-1048		EA	4" PVC Coated, Urethane Lined, RGS, BUB Mogul Conduit Body	1,307.11	134.24
			For Installation Above 14', Add	*40.27*	
			For Work In Restricted Working Space, Add	*80.54*	

26 05 33 13-1049 PVC Coated, Urethane Lined, Replacement RGS Mogul Covers *(26 05 33 13-0646)*

26 05 33 13-1050		EA	1" PVC Coated, Urethane Lined, Replacement RGS Mogul Cover	105.82	4.41
			For Installation Above 14', Add	*1.32*	
			For Work In Restricted Working Space, Add	*2.65*	
26 05 33 13-1051		EA	1-1/4" PVC Coated, Urethane Lined, Replacement RGS Mogul Cover	106.80	4.90
			For Installation Above 14', Add	*1.47*	
			For Work In Restricted Working Space, Add	*2.94*	
26 05 33 13-1052		EA	1-1/2" PVC Coated, Urethane Lined, Replacement RGS Mogul Cover	150.98	6.86
			For Installation Above 14', Add	*2.06*	
			For Work In Restricted Working Space, Add	*4.12*	
26 05 33 13-1053		EA	2" PVC Coated, Urethane Lined, Replacement RGS Mogul Cover	152.94	7.84
			For Installation Above 14', Add	*2.35*	
			For Work In Restricted Working Space, Add	*4.70*	
26 05 33 13-1054		EA	2-1/2" PVC Coated, Urethane Lined, Replacement RGS Mogul Cover	267.69	9.30
			For Installation Above 14', Add	*2.79*	
			For Work In Restricted Working Space, Add	*5.59*	
26 05 33 13-1055		EA	3" PVC Coated, Urethane Lined, Replacement RGS Mogul Cover	272.59	11.76
			For Installation Above 14', Add	*3.53*	
			For Work In Restricted Working Space, Add	*7.06*	
26 05 33 13-1056		EA	3-1/2" PVC Coated, Urethane Lined, Replacement RGS Mogul Cover	411.02	13.22
			For Installation Above 14', Add	*3.97*	
			For Work In Restricted Working Space, Add	*7.94*	
26 05 33 13-1057		EA	4" PVC Coated, Urethane Lined, Replacement RGS Mogul Cover	418.86	17.14
			For Installation Above 14', Add	*5.15*	
			For Work In Restricted Working Space, Add	*10.29*	

26 05 33 13-1058 PVC Coated, Urethane Lined, RGS Expansion Fittings *(26 05 33 13-0646)*

26 05 33 13-1059		EA	1/2" PVC Coated, Urethane Lined, RGS Expansion Fitting	181.75	12.25
			For Installation Above 14', Add	*3.67*	
			For Work In Restricted Working Space, Add	*7.35*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1060		EA	3/4" PVC Coated, Urethane Lined, RGS Expansion Fitting	214.67	15.19
			For Installation Above 14', Add	*4.56*	
			For Work In Restricted Working Space, Add	*9.11*	
26 05 33 13-1061		EA	1" PVC Coated, Urethane Lined, RGS Expansion Fitting	254.04	18.62
			For Installation Above 14', Add	*5.59*	
			For Work In Restricted Working Space, Add	*11.17*	
26 05 33 13-1062		EA	1-1/4" PVC Coated, Urethane Lined, RGS Expansion Fitting	313.09	21.56
			For Installation Above 14', Add	*6.47*	
			For Work In Restricted Working Space, Add	*12.93*	
26 05 33 13-1063		EA	1-1/2" PVC Coated, Urethane Lined, RGS Expansion Fitting	419.00	24.49
			For Installation Above 14', Add	*7.35*	
			For Work In Restricted Working Space, Add	*14.70*	
26 05 33 13-1064		EA	2" PVC Coated, Urethane Lined, RGS Expansion Fitting	580.82	26.95
			For Installation Above 14', Add	*8.08*	
			For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-1065		EA	2-1/2" PVC Coated, Urethane Lined, RGS Expansion Fitting	829.98	33.81
			For Installation Above 14', Add	*10.14*	
			For Work In Restricted Working Space, Add	*20.28*	
26 05 33 13-1066		EA	3" PVC Coated, Urethane Lined, RGS Expansion Fitting	1,031.62	46.05
			For Installation Above 14', Add	*13.82*	
			For Work In Restricted Working Space, Add	*27.63*	
26 05 33 13-1067		EA	3-1/2" PVC Coated, Urethane Lined, RGS Expansion Fitting	1,448.71	51.93
			For Installation Above 14', Add	*15.58*	
			For Work In Restricted Working Space, Add	*31.16*	
26 05 33 13-1068		EA	4" PVC Coated, Urethane Lined, RGS Expansion Fitting	1,668.89	67.60
			For Installation Above 14', Add	*20.28*	
			For Work In Restricted Working Space, Add	*40.57*	

26 05 33 13-1069 PVC Coated, Urethane Lined, RGS Expansion Fittings With Bonding Jumper *(26 05 33 13-0646)*

26 05 33 13-1070		EA	1/2" PVC Coated, Urethane Lined, RGS Expansion Fitting With Bonding Jumper	289.48	12.25
			For Installation Above 14', Add	*3.67*	
			For Work In Restricted Working Space, Add	*7.35*	
26 05 33 13-1071		EA	3/4" PVC Coated, Urethane Lined, RGS Expansion Fitting With Bonding Jumper	300.36	15.19
			For Installation Above 14', Add	*4.56*	
			For Work In Restricted Working Space, Add	*9.11*	
26 05 33 13-1072		EA	1" PVC Coated, Urethane Lined, RGS Expansion Fitting With Bonding Jumper	337.19	18.62
			For Installation Above 14', Add	*5.59*	
			For Work In Restricted Working Space, Add	*11.17*	
26 05 33 13-1073		EA	1-1/4" PVC Coated, Urethane Lined, RGS Expansion Fitting With Bonding Jumper	408.11	21.56
			For Installation Above 14', Add	*6.47*	
			For Work In Restricted Working Space, Add	*12.93*	
26 05 33 13-1074		EA	1-1/2" PVC Coated, Urethane Lined, RGS Expansion Fitting With Bonding Jumper	494.86	24.49
			For Installation Above 14', Add	*7.35*	
			For Work In Restricted Working Space, Add	*14.70*	
26 05 33 13-1075		EA	2" PVC Coated, Urethane Lined, RGS Expansion Fitting With Bonding Jumper	633.04	26.95
			For Installation Above 14', Add	*8.08*	
			For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-1076		EA	2-1/2" PVC Coated, Urethane Lined, RGS Expansion Fitting With Bonding Jumper	935.19	33.81
			For Installation Above 14', Add	*10.14*	
			For Work In Restricted Working Space, Add	*20.28*	
26 05 33 13-1077		EA	3" PVC Coated, Urethane Lined, RGS Expansion Fitting With Bonding Jumper	1,172.21	46.05
			For Installation Above 14', Add	*13.82*	
			For Work In Restricted Working Space, Add	*27.63*	
26 05 33 13-1078		EA	3-1/2" PVC Coated, Urethane Lined, RGS Expansion Fitting With Bonding Jumper	1,494.09	51.93
			For Installation Above 14', Add	*15.58*	
			For Work In Restricted Working Space, Add	*31.16*	
26 05 33 13-1079		EA	4" PVC Coated, Urethane Lined, RGS Expansion Fitting With Bonding Jumper	1,869.90	67.60
			For Installation Above 14', Add	*20.28*	
			For Work In Restricted Working Space, Add	*40.57*	

26 05 33 13-1080 PVC Coated, Urethane Lined, RGS, STG Knockout Hubs *(26 05 33 13-0646)*

26 05 33 13-1081		EA	1/2" PVC Coated, Urethane Lined, RGS, STG Knockout Hub	59.87	5.88
			For Installation Above 14', Add	*1.76*	
			For Work In Restricted Working Space, Add	*3.53*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.53*	
26 05 33 13-1082		EA	3/4" PVC Coated, Urethane Lined, RGS, STG Knockout Hub	64.84	7.35
			For Installation Above 14', Add	*2.21*	
			For Work In Restricted Working Space, Add	*4.41*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-1083		EA	1" PVC Coated, Urethane Lined, RGS, STG Knockout Hub	71.28	8.82
			For Installation Above 14', Add	*2.65*	
			For Work In Restricted Working Space, Add	*5.29*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.29*	
26 05 33 13-1084		EA	1-1/4" PVC Coated, Urethane Lined, RGS, STG Knockout Hub	80.58	10.78
			For Installation Above 14', Add	*3.23*	
			For Work In Restricted Working Space, Add	*6.47*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.47*	
26 05 33 13-1085		EA	1-1/2" PVC Coated, Urethane Lined, RGS, STG Knockout Hub	108.55	12.25
			For Installation Above 14', Add	*3.67*	
			For Work In Restricted Working Space, Add	*7.35*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.35*	
26 05 33 13-1086		EA	2" PVC Coated, Urethane Lined, RGS, STG Knockout Hub	132.75	13.72
			For Installation Above 14', Add	*4.11*	
			For Work In Restricted Working Space, Add	*8.23*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1087	EA	2-1/2" PVC Coated, Urethane Lined, RGS, STG Knockout Hub	190.24	17.14
		For Installation Above 14', Add	*5.15*	
		For Work In Restricted Working Space, Add	*10.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.29*	
26 05 33 13-1088	EA	3" PVC Coated, Urethane Lined, RGS, STG Knockout Hub	248.29	23.03
		For Installation Above 14', Add	*6.91*	
		For Work In Restricted Working Space, Add	*13.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.82*	
26 05 33 13-1089	EA	3-1/2" PVC Coated, Urethane Lined, RGS, STG Knockout Hub	317.30	25.97
		For Installation Above 14', Add	*7.79*	
		For Work In Restricted Working Space, Add	*15.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-1090	EA	4" PVC Coated, Urethane Lined, RGS, STG Knockout Hub	398.99	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.28*	
26 05 33 13-1091	EA	5" PVC Coated, Urethane Lined, RGS, STG Knockout Hub	495.12	54.87
		For Installation Above 14', Add	*16.46*	
		For Work In Restricted Working Space, Add	*32.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.92*	
26 05 33 13-1092	EA	6" PVC Coated, Urethane Lined, RGS, STG Knockout Hub	746.73	82.79
		For Installation Above 14', Add	*24.84*	
		For Work In Restricted Working Space, Add	*49.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.68*	

26 05 33 13-1093 PVC Coated, Urethane Lined, RGS, STTB Knockout Hubs *(26 05 33 13-0646)*

26 05 33 13-1094	EA	1/2" PVC Coated, Urethane Lined, RGS, STTB Knockout Hub	90.48	5.88
		For Installation Above 14', Add	*1.76*	
		For Work In Restricted Working Space, Add	*3.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.53*	
26 05 33 13-1095	EA	3/4" PVC Coated, Urethane Lined, RGS, STTB Knockout Hub	95.67	7.35
		For Installation Above 14', Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-1096	EA	1" PVC Coated, Urethane Lined, RGS, STTB Knockout Hub	102.78	8.82
		For Installation Above 14', Add	*2.65*	
		For Work In Restricted Working Space, Add	*5.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.29*	
26 05 33 13-1097	EA	1-1/4" PVC Coated, Urethane Lined, RGS, STTB Knockout Hub	117.31	10.78
		For Installation Above 14', Add	*3.23*	
		For Work In Restricted Working Space, Add	*6.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.47*	
26 05 33 13-1098	EA	1-1/2" PVC Coated, Urethane Lined, RGS, STTB Knockout Hub	125.89	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.35*	
26 05 33 13-1099	EA	2" PVC Coated, Urethane Lined, RGS, STTB Knockout Hub	142.41	13.72
		For Installation Above 14', Add	*4.11*	
		For Work In Restricted Working Space, Add	*8.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.23*	
26 05 33 13-1100	EA	2-1/2" PVC Coated, Urethane Lined, RGS, STTB Knockout Hub	217.35	17.14
		For Installation Above 14', Add	*5.15*	
		For Work In Restricted Working Space, Add	*10.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.29*	
26 05 33 13-1101	EA	3" PVC Coated, Urethane Lined, RGS, STTB Knockout Hub	259.98	23.03
		For Installation Above 14', Add	*6.91*	
		For Work In Restricted Working Space, Add	*13.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.82*	
26 05 33 13-1102	EA	3-1/2" PVC Coated, Urethane Lined, RGS, STTB Knockout Hub	319.83	25.97
		For Installation Above 14', Add	*7.79*	
		For Work In Restricted Working Space, Add	*15.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-1103	EA	4" PVC Coated, Urethane Lined, RGS, STTB Knockout Hub	415.29	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.28*	
26 05 33 13-1104	EA	5" PVC Coated, Urethane Lined, RGS, STTB Knockout Hub	645.87	54.87
		For Installation Above 14', Add	*16.46*	
		For Work In Restricted Working Space, Add	*32.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.92*	
26 05 33 13-1105	EA	6" PVC Coated, Urethane Lined, RGS, STTB Knockout Hub	1,057.38	82.79
		For Installation Above 14', Add	*24.84*	
		For Work In Restricted Working Space, Add	*49.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.68*	

26 05 33 13-1106 PVC Coated, Urethane Lined, RGS, STTTB Knockout Hubs *(26 05 33 13-0646)*

26 05 33 13-1107	EA	1/2" PVC Coated, Urethane Lined, RGS, STTTB Knockout Hub	97.28	5.88
		For Installation Above 14', Add	*1.76*	
		For Work In Restricted Working Space, Add	*3.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.53*	
26 05 33 13-1108	EA	3/4" PVC Coated, Urethane Lined, RGS, STTTB Knockout Hub	102.13	7.35
		For Installation Above 14', Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-1109	EA	1" PVC Coated, Urethane Lined, RGS, STTTB Knockout Hub	109.53	8.82
		For Installation Above 14', Add	*2.65*	
		For Work In Restricted Working Space, Add	*5.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.29*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1110		EA	1-1/4" PVC Coated, Urethane Lined, RGS, STTTB Knockout Hub	137.80	10.78
			For Installation Above 14', Add	*3.23*	
			For Work In Restricted Working Space, Add	*6.47*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.47*	
26 05 33 13-1111		EA	1-1/2" PVC Coated, Urethane Lined, RGS, STTTB Knockout Hub	150.63	12.25
			For Installation Above 14', Add	*3.67*	
			For Work In Restricted Working Space, Add	*7.35*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.35*	
26 05 33 13-1112		EA	2" PVC Coated, Urethane Lined, RGS, STTTB Knockout Hub	159.48	13.72
			For Installation Above 14', Add	*4.11*	
			For Work In Restricted Working Space, Add	*8.23*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.23*	

26 05 33 13-1113 PVC Coated, Urethane Lined, RGS, UNF Conduit Unions *(26 05 33 13-0646)*

26 05 33 13-1114		EA	1/2" PVC Coated, Urethane Lined, RGS, UNF Conduit Union	71.71	12.25
			For Installation Above 14', Add	*3.67*	
			For Work In Restricted Working Space, Add	*7.35*	
26 05 33 13-1115		EA	3/4" PVC Coated, Urethane Lined, RGS, UNF Conduit Union	78.46	15.19
			For Installation Above 14', Add	*4.56*	
			For Work In Restricted Working Space, Add	*9.11*	
26 05 33 13-1116		EA	1" PVC Coated, Urethane Lined, RGS, UNF Conduit Union	101.69	18.62
			For Installation Above 14', Add	*5.59*	
			For Work In Restricted Working Space, Add	*11.17*	
26 05 33 13-1117		EA	1-1/4" PVC Coated, Urethane Lined, RGS, UNF Conduit Union	146.84	21.56
			For Installation Above 14', Add	*6.47*	
			For Work In Restricted Working Space, Add	*12.93*	
26 05 33 13-1118		EA	1-1/2" PVC Coated, Urethane Lined, RGS, UNF Conduit Union	174.11	24.49
			For Installation Above 14', Add	*7.35*	
			For Work In Restricted Working Space, Add	*14.70*	
26 05 33 13-1119		EA	2" PVC Coated, Urethane Lined, RGS, UNF Conduit Union	220.62	26.95
			For Installation Above 14', Add	*8.08*	
			For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-1120		EA	2-1/2" PVC Coated, Urethane Lined, RGS, UNF Conduit Union	293.34	33.81
			For Installation Above 14', Add	*10.14*	
			For Work In Restricted Working Space, Add	*20.28*	
26 05 33 13-1121		EA	3" PVC Coated, Urethane Lined, RGS, UNF Conduit Union	378.81	33.81
			For Installation Above 14', Add	*10.14*	
			For Work In Restricted Working Space, Add	*20.28*	
26 05 33 13-1122		EA	3-1/2" PVC Coated, Urethane Lined, RGS, UNF Conduit Union	489.89	51.93
			For Installation Above 14', Add	*15.58*	
			For Work In Restricted Working Space, Add	*31.16*	
26 05 33 13-1123		EA	4" PVC Coated, Urethane Lined, RGS, UNF Conduit Union	630.88	67.60
			For Installation Above 14', Add	*20.28*	
			For Work In Restricted Working Space, Add	*40.57*	
26 05 33 13-1124		EA	5" PVC Coated, Urethane Lined, RGS, UNF Conduit Union	1,146.92	110.23
			For Installation Above 14', Add	*33.07*	
			For Work In Restricted Working Space, Add	*66.14*	
26 05 33 13-1125		EA	6" PVC Coated, Urethane Lined, RGS, UNF Conduit Union	1,434.58	165.60
			For Installation Above 14', Add	*49.68*	
			For Work In Restricted Working Space, Add	*99.36*	

26 05 33 13-1126 PVC Coated, Urethane Lined, RGS, UNY Conduit Unions *(26 05 33 13-0646)*

26 05 33 13-1127		EA	1/2" PVC Coated, Urethane Lined, RGS, UNY Conduit Union	73.30	12.25
			For Installation Above 14', Add	*3.67*	
			For Work In Restricted Working Space, Add	*7.35*	
26 05 33 13-1128		EA	3/4" PVC Coated, Urethane Lined, RGS, UNY Conduit Union	84.53	15.19
			For Installation Above 14', Add	*4.56*	
			For Work In Restricted Working Space, Add	*9.11*	
26 05 33 13-1129		EA	1" PVC Coated, Urethane Lined, RGS, UNY Conduit Union	104.93	18.62
			For Installation Above 14', Add	*5.59*	
			For Work In Restricted Working Space, Add	*11.17*	
26 05 33 13-1130		EA	1-1/4" PVC Coated, Urethane Lined, RGS, UNY Conduit Union	152.78	21.56
			For Installation Above 14', Add	*6.47*	
			For Work In Restricted Working Space, Add	*12.93*	
26 05 33 13-1131		EA	1-1/2" PVC Coated, Urethane Lined, RGS, UNY Conduit Union	182.36	24.49
			For Installation Above 14', Add	*7.35*	
			For Work In Restricted Working Space, Add	*14.70*	
26 05 33 13-1132		EA	2" PVC Coated, Urethane Lined, RGS, UNY Conduit Union	238.44	26.95
			For Installation Above 14', Add	*8.08*	
			For Work In Restricted Working Space, Add	*16.17*	
26 05 33 13-1133		EA	2-1/2" PVC Coated, Urethane Lined, RGS, UNY Conduit Union	331.47	33.81
			For Installation Above 14', Add	*10.14*	
			For Work In Restricted Working Space, Add	*20.28*	
26 05 33 13-1134		EA	3" PVC Coated, Urethane Lined, RGS, UNY Conduit Union	417.58	33.81
			For Installation Above 14', Add	*10.14*	
			For Work In Restricted Working Space, Add	*20.28*	
26 05 33 13-1135		EA	3-1/2" PVC Coated, Urethane Lined, RGS, UNY Conduit Union	559.98	51.93
			For Installation Above 14', Add	*15.58*	
			For Work In Restricted Working Space, Add	*31.16*	
26 05 33 13-1136		EA	4" PVC Coated, Urethane Lined, RGS, UNY Conduit Union	700.71	67.60
			For Installation Above 14', Add	*20.28*	
			For Work In Restricted Working Space, Add	*40.57*	
26 05 33 13-1137		EA	5" PVC Coated, Urethane Lined, RGS, UNY Conduit Union	1,274.92	110.23
			For Installation Above 14', Add	*33.07*	
			For Work In Restricted Working Space, Add	*66.14*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1138		EA	6" PVC Coated, Urethane Lined, RGS, UNY Conduit Union	1,641.27	165.60
			For Installation Above 14', Add	*49.68*	
			For Work In Restricted Working Space, Add	*99.36*	

26 05 33 13-1139 PVC Coated, Urethane Lined, RGS, Reducing Couplings *(26 05 33 13-0646)*

26 05 33 13-1140		EA	3/4" x 1/2" PVC Coated, Urethane Lined, RGS, Reducing Coupling	39.78	3.92
			For Installation Above 14', Add	*1.18*	
			For Work In Restricted Working Space, Add	*2.35*	
26 05 33 13-1141		EA	1" x 1/2" PVC Coated, Urethane Lined, RGS, Reducing Coupling	43.66	4.90
			For Installation Above 14', Add	*1.47*	
			For Work In Restricted Working Space, Add	*2.94*	
26 05 33 13-1142		EA	1" x 3/4" PVC Coated, Urethane Lined, RGS, Reducing Coupling	49.63	4.90
			For Installation Above 14', Add	*1.47*	
			For Work In Restricted Working Space, Add	*2.94*	
26 05 33 13-1143		EA	1-1/4" x 3/4" PVC Coated, Urethane Lined, RGS, Reducing Coupling	61.31	5.39
			For Installation Above 14', Add	*1.62*	
			For Work In Restricted Working Space, Add	*3.23*	
26 05 33 13-1144		EA	1-1/4" x 1" PVC Coated, Urethane Lined, RGS, Reducing Coupling	64.75	5.39
			For Installation Above 14', Add	*1.62*	
			For Work In Restricted Working Space, Add	*3.23*	
26 05 33 13-1145		EA	1-1/2" x 3/4" PVC Coated, Urethane Lined, RGS, Reducing Coupling	55.68	6.37
			For Installation Above 14', Add	*1.91*	
			For Work In Restricted Working Space, Add	*3.82*	
26 05 33 13-1146		EA	1-1/2" x 1" PVC Coated, Urethane Lined, RGS, Reducing Coupling	63.36	6.37
			For Installation Above 14', Add	*1.91*	
			For Work In Restricted Working Space, Add	*3.82*	
26 05 33 13-1147		EA	1-1/2" x 1-1/4" PVC Coated, Urethane Lined, RGS, Reducing Coupling	97.92	6.37
			For Installation Above 14', Add	*1.91*	
			For Work In Restricted Working Space, Add	*3.82*	
26 05 33 13-1148		EA	2" x 3/4" PVC Coated, Urethane Lined, RGS, Reducing Coupling	108.86	7.35
			For Installation Above 14', Add	*2.21*	
			For Work In Restricted Working Space, Add	*4.41*	
26 05 33 13-1149		EA	2" x 1" PVC Coated, Urethane Lined, RGS, Reducing Coupling	105.88	7.35
			For Installation Above 14', Add	*2.21*	
			For Work In Restricted Working Space, Add	*4.41*	
26 05 33 13-1150		EA	2" x 1-1/4" PVC Coated, Urethane Lined, RGS, Reducing Coupling	111.42	7.35
			For Installation Above 14', Add	*2.21*	
			For Work In Restricted Working Space, Add	*4.41*	
26 05 33 13-1151		EA	2" x 1-1/2" PVC Coated, Urethane Lined, RGS, Reducing Coupling	125.36	7.35
			For Installation Above 14', Add	*2.21*	
			For Work In Restricted Working Space, Add	*4.41*	
26 05 33 13-1152		EA	2-1/2" x 1-1/2" PVC Coated, Urethane Lined, RGS, Reducing Coupling	124.55	8.82
			For Installation Above 14', Add	*2.65*	
			For Work In Restricted Working Space, Add	*5.29*	
26 05 33 13-1153		EA	3" x 2" PVC Coated, Urethane Lined, RGS, Reducing Coupling	158.85	12.25
			For Installation Above 14', Add	*3.68*	
			For Work In Restricted Working Space, Add	*7.35*	
26 05 33 13-1154		EA	3-1/2" x 2-1/2" PVC Coated, Urethane Lined, RGS, Reducing Coupling	233.76	14.21
			For Installation Above 14', Add	*4.26*	
			For Work In Restricted Working Space, Add	*8.52*	
26 05 33 13-1155		EA	4" x 3" PVC Coated, Urethane Lined, RGS, Reducing Coupling	312.79	19.60
			For Installation Above 14', Add	*5.88*	
			For Work In Restricted Working Space, Add	*11.76*	
26 05 33 13-1156		EA	5" x 4" PVC Coated, Urethane Lined, RGS, Reducing Coupling	391.22	26.95
			For Installation Above 14', Add	*8.09*	
			For Work In Restricted Working Space, Add	*16.17*	

26 05 33 13-1157 PVC Coated, Urethane Lined, RGS, Nipples *(26 05 33 13-0646)*

26 05 33 13-1158		EA	1/2" x 2" Long PVC Coated, Urethane Lined, RGS, Nipple	25.15	5.88
			For Installation Above 14', Add	*1.76*	
			For Work In Restricted Working Space, Add	*3.53*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.53*	
26 05 33 13-1159		EA	3/4" x 2" Long PVC Coated, Urethane Lined, RGS, Nipple	28.35	7.35
			For Installation Above 14', Add	*2.21*	
			For Work In Restricted Working Space, Add	*4.41*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-1160		EA	1" x 2" Long PVC Coated, Urethane Lined, RGS, Nipple	33.02	9.30
			For Installation Above 14', Add	*2.79*	
			For Work In Restricted Working Space, Add	*5.59*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.59*	
26 05 33 13-1161		EA	1-1/4" x 2" Long PVC Coated, Urethane Lined, RGS, Nipple	39.27	10.78
			For Installation Above 14', Add	*3.23*	
			For Work In Restricted Working Space, Add	*6.47*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.47*	
26 05 33 13-1162		EA	1-1/2" x 2" Long PVC Coated, Urethane Lined, RGS, Nipple	42.78	12.25
			For Installation Above 14', Add	*3.67*	
			For Work In Restricted Working Space, Add	*7.35*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.35*	
26 05 33 13-1163		EA	1/2" x 2-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple	27.85	6.37
			For Installation Above 14', Add	*1.91*	
			For Work In Restricted Working Space, Add	*3.82*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.82*	
26 05 33 13-1164		EA	3/4" x 2-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple	30.18	7.35
			For Installation Above 14', Add	*2.21*	
			For Work In Restricted Working Space, Add	*4.41*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1165	EA	1" x 2-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple	34.87	9.30
		For Installation Above 14', Add	*2.79*	
		For Work In Restricted Working Space, Add	*5.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.59*	
26 05 33 13-1166	EA	1-1/4" x 2-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple	41.23	10.78
		For Installation Above 14', Add	*3.23*	
		For Work In Restricted Working Space, Add	*6.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.47*	
26 05 33 13-1167	EA	1-1/2" x 2-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple	44.89	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.35*	
26 05 33 13-1168	EA	2" x 2-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple	48.74	13.72
		For Installation Above 14', Add	*4.11*	
		For Work In Restricted Working Space, Add	*8.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.23*	
26 05 33 13-1169	EA	1/2" x 3" Long PVC Coated, Urethane Lined, RGS, Nipple	27.97	6.37
		For Installation Above 14', Add	*1.91*	
		For Work In Restricted Working Space, Add	*3.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.82*	
26 05 33 13-1170	EA	3/4" x 3" Long PVC Coated, Urethane Lined, RGS, Nipple	30.30	7.35
		For Installation Above 14', Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-1171	EA	1" x 3" Long PVC Coated, Urethane Lined, RGS, Nipple	35.10	9.30
		For Installation Above 14', Add	*2.79*	
		For Work In Restricted Working Space, Add	*5.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.59*	
26 05 33 13-1172	EA	1-1/4" x 3" Long PVC Coated, Urethane Lined, RGS, Nipple	41.48	10.78
		For Installation Above 14', Add	*3.23*	
		For Work In Restricted Working Space, Add	*6.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.47*	
26 05 33 13-1173	EA	1-1/2" x 3" Long PVC Coated, Urethane Lined, RGS, Nipple	45.14	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.35*	
26 05 33 13-1174	EA	2" x 3" Long PVC Coated, Urethane Lined, RGS, Nipple	49.40	13.72
		For Installation Above 14', Add	*4.11*	
		For Work In Restricted Working Space, Add	*8.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.23*	
26 05 33 13-1175	EA	1/2" x 3-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple	29.71	6.37
		For Installation Above 14', Add	*1.91*	
		For Work In Restricted Working Space, Add	*3.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.82*	
26 05 33 13-1176	EA	3/4" x 3-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple	32.04	7.35
		For Installation Above 14', Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-1177	EA	1" x 3-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple	36.97	9.30
		For Installation Above 14', Add	*2.79*	
		For Work In Restricted Working Space, Add	*5.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.59*	
26 05 33 13-1178	EA	1-1/4" x 3-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple	42.54	10.78
		For Installation Above 14', Add	*3.23*	
		For Work In Restricted Working Space, Add	*6.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.47*	
26 05 33 13-1179	EA	1-1/2" x 3-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple	46.31	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.35*	
26 05 33 13-1180	EA	2" x 3-1/2" Long PVC PVC Coated, Urethane Lined, RGS, Nipple	51.45	13.72
		For Installation Above 14', Add	*4.11*	
		For Work In Restricted Working Space, Add	*8.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.23*	
26 05 33 13-1181	EA	2-1/2" x 3-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple	71.44	16.65
		For Installation Above 14', Add	*5.00*	
		For Work In Restricted Working Space, Add	*10.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.00*	
26 05 33 13-1182	EA	3" x 3-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple	92.70	23.03
		For Installation Above 14', Add	*6.91*	
		For Work In Restricted Working Space, Add	*13.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.82*	
26 05 33 13-1183	EA	1/2" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple	29.83	6.37
		For Installation Above 14', Add	*1.91*	
		For Work In Restricted Working Space, Add	*3.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.82*	
26 05 33 13-1184	EA	3/4" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple	32.28	7.35
		For Installation Above 14', Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-1185	EA	1" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple	37.23	9.30
		For Installation Above 14', Add	*2.79*	
		For Work In Restricted Working Space, Add	*5.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.59*	
26 05 33 13-1186	EA	1-1/4" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple	43.60	10.78
		For Installation Above 14', Add	*3.23*	
		For Work In Restricted Working Space, Add	*6.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1187	EA	1-1/2" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple	47.49	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.35*	
26 05 33 13-1188	EA	2" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple	53.50	13.72
		For Installation Above 14', Add	*4.11*	
		For Work In Restricted Working Space, Add	*8.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.23*	
26 05 33 13-1189	EA	2-1/2" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple	73.26	16.65
		For Installation Above 14', Add	*5.00*	
		For Work In Restricted Working Space, Add	*10.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.00*	
26 05 33 13-1190	EA	3" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple	96.60	23.03
		For Installation Above 14', Add	*6.91*	
		For Work In Restricted Working Space, Add	*13.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.82*	
26 05 33 13-1191	EA	3-1/2" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple	114.96	25.97
		For Installation Above 14', Add	*7.79*	
		For Work In Restricted Working Space, Add	*15.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-1192	EA	4" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple	135.05	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.28*	
26 05 33 13-1193	EA	1/2" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple	30.07	6.37
		For Installation Above 14', Add	*1.91*	
		For Work In Restricted Working Space, Add	*3.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.82*	
26 05 33 13-1194	EA	3/4" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple	32.54	7.35
		For Installation Above 14', Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-1195	EA	1" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple	37.50	9.30
		For Installation Above 14', Add	*2.79*	
		For Work In Restricted Working Space, Add	*5.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.59*	
26 05 33 13-1196	EA	1-1/4" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple	44.10	10.78
		For Installation Above 14', Add	*3.23*	
		For Work In Restricted Working Space, Add	*6.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.47*	
26 05 33 13-1197	EA	1-1/2" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple	48.00	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.35*	
26 05 33 13-1198	EA	2" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple	54.62	13.72
		For Installation Above 14', Add	*4.11*	
		For Work In Restricted Working Space, Add	*8.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.23*	
26 05 33 13-1199	EA	2-1/2" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple	80.46	16.65
		For Installation Above 14', Add	*5.00*	
		For Work In Restricted Working Space, Add	*10.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.00*	
26 05 33 13-1200	EA	3" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple	102.43	23.03
		For Installation Above 14', Add	*6.91*	
		For Work In Restricted Working Space, Add	*13.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.82*	
26 05 33 13-1201	EA	3-1/2" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple	116.21	25.97
		For Installation Above 14', Add	*7.79*	
		For Work In Restricted Working Space, Add	*15.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-1202	EA	4" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple	138.38	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.28*	
26 05 33 13-1203	EA	5" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple	203.17	46.54
		For Installation Above 14', Add	*13.96*	
		For Work In Restricted Working Space, Add	*27.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.92*	
26 05 33 13-1204	EA	1/2" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple	30.53	6.37
		For Installation Above 14', Add	*1.91*	
		For Work In Restricted Working Space, Add	*3.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.82*	
26 05 33 13-1205	EA	3/4" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple	32.99	7.35
		For Installation Above 14', Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-1206	EA	1" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple	37.99	9.30
		For Installation Above 14', Add	*2.79*	
		For Work In Restricted Working Space, Add	*5.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.59*	
26 05 33 13-1207	EA	1-1/4" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple	45.01	10.78
		For Installation Above 14', Add	*3.23*	
		For Work In Restricted Working Space, Add	*6.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.47*	
26 05 33 13-1208	EA	1-1/2" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple	49.10	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1209	EA	2" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple	55.73	13.72
		For Installation Above 14', Add	*4.11*	
		For Work In Restricted Working Space, Add	*8.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.23*	
26 05 33 13-1210	EA	2-1/2" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple	87.78	16.65
		For Installation Above 14', Add	*5.00*	
		For Work In Restricted Working Space, Add	*10.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.00*	
26 05 33 13-1211	EA	3" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple	110.19	23.03
		For Installation Above 14', Add	*6.91*	
		For Work In Restricted Working Space, Add	*13.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.82*	
26 05 33 13-1212	EA	3-1/2" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple	123.19	25.97
		For Installation Above 14', Add	*7.79*	
		For Work In Restricted Working Space, Add	*15.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-1213	EA	4" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple	150.16	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.28*	
26 05 33 13-1214	EA	5" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple	220.79	46.54
		For Installation Above 14', Add	*13.96*	
		For Work In Restricted Working Space, Add	*27.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.92*	
26 05 33 13-1215	EA	1/2" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple	31.24	6.37
		For Installation Above 14', Add	*1.91*	
		For Work In Restricted Working Space, Add	*3.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.82*	
26 05 33 13-1216	EA	3/4" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple	33.69	7.35
		For Installation Above 14', Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-1217	EA	1" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple	39.09	9.30
		For Installation Above 14', Add	*2.79*	
		For Work In Restricted Working Space, Add	*5.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.59*	
26 05 33 13-1218	EA	1-1/4" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple	45.25	10.78
		For Installation Above 14', Add	*3.23*	
		For Work In Restricted Working Space, Add	*6.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.47*	
26 05 33 13-1219	EA	1-1/2" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple	51.33	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.35*	
26 05 33 13-1220	EA	2" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple	61.18	13.72
		For Installation Above 14', Add	*4.11*	
		For Work In Restricted Working Space, Add	*8.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.23*	
26 05 33 13-1221	EA	2-1/2" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple	96.78	16.65
		For Installation Above 14', Add	*5.00*	
		For Work In Restricted Working Space, Add	*10.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.00*	
26 05 33 13-1222	EA	3" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple	120.80	23.03
		For Installation Above 14', Add	*6.91*	
		For Work In Restricted Working Space, Add	*13.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.82*	
26 05 33 13-1223	EA	3-1/2" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple	140.68	25.97
		For Installation Above 14', Add	*7.79*	
		For Work In Restricted Working Space, Add	*15.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-1224	EA	4" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple	167.85	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.28*	
26 05 33 13-1225	EA	5" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple	232.87	46.54
		For Installation Above 14', Add	*13.96*	
		For Work In Restricted Working Space, Add	*27.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.92*	
26 05 33 13-1226	EA	1/2" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple	31.99	6.37
		For Installation Above 14', Add	*1.91*	
		For Work In Restricted Working Space, Add	*3.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.82*	
26 05 33 13-1227	EA	3/4" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple	34.42	7.35
		For Installation Above 14', Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-1228	EA	1" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple	40.17	9.30
		For Installation Above 14', Add	*2.79*	
		For Work In Restricted Working Space, Add	*5.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.59*	
26 05 33 13-1229	EA	1-1/4" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple	48.54	10.78
		For Installation Above 14', Add	*3.23*	
		For Work In Restricted Working Space, Add	*6.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.47*	
26 05 33 13-1230	EA	1-1/2" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple	56.63	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1231	EA	2" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple	69.20	13.72
		For Installation Above 14', Add	*4.11*	
		For Work In Restricted Working Space, Add	*8.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.23*	
26 05 33 13-1232	EA	2-1/2" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple	106.30	16.65
		For Installation Above 14', Add	*5.00*	
		For Work In Restricted Working Space, Add	*10.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.00*	
26 05 33 13-1233	EA	3" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple	134.39	23.03
		For Installation Above 14', Add	*6.91*	
		For Work In Restricted Working Space, Add	*13.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.82*	
26 05 33 13-1234	EA	3-1/2" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple	159.05	25.97
		For Installation Above 14', Add	*7.79*	
		For Work In Restricted Working Space, Add	*15.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-1235	EA	4" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple	198.81	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.28*	
26 05 33 13-1236	EA	5" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple	256.96	46.54
		For Installation Above 14', Add	*13.96*	
		For Work In Restricted Working Space, Add	*27.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.92*	
26 05 33 13-1237	EA	1/2" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple	32.76	6.37
		For Installation Above 14', Add	*1.91*	
		For Work In Restricted Working Space, Add	*3.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.82*	
26 05 33 13-1238	EA	3/4" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple	35.28	7.35
		For Installation Above 14', Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-1239	EA	1" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple	42.91	9.30
		For Installation Above 14', Add	*2.79*	
		For Work In Restricted Working Space, Add	*5.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.59*	
26 05 33 13-1240	EA	1-1/4" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple	53.96	10.78
		For Installation Above 14', Add	*3.23*	
		For Work In Restricted Working Space, Add	*6.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.47*	
26 05 33 13-1241	EA	1-1/2" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple	63.05	12.25
		For Installation Above 14', Add	*3.67*	
		For Work In Restricted Working Space, Add	*7.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.35*	
26 05 33 13-1242	EA	2" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple	75.63	13.72
		For Installation Above 14', Add	*4.11*	
		For Work In Restricted Working Space, Add	*8.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.23*	
26 05 33 13-1243	EA	2-1/2" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple	118.99	16.65
		For Installation Above 14', Add	*5.00*	
		For Work In Restricted Working Space, Add	*10.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.00*	
26 05 33 13-1244	EA	3" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple	154.77	23.03
		For Installation Above 14', Add	*6.91*	
		For Work In Restricted Working Space, Add	*13.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.82*	
26 05 33 13-1245	EA	3-1/2" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple	170.32	25.97
		For Installation Above 14', Add	*7.79*	
		For Work In Restricted Working Space, Add	*15.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-1246	EA	4" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple	208.30	33.81
		For Installation Above 14', Add	*10.14*	
		For Work In Restricted Working Space, Add	*20.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.28*	
26 05 33 13-1247	EA	5" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple	260.40	46.54
		For Installation Above 14', Add	*13.96*	
		For Work In Restricted Working Space, Add	*27.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.92*	

26 05 33 13-1248 Aluminum Conduit *(26 05 33 13-0041)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-1249 Aluminum Conduit With Threaded Coupling *(26 05 33 13-1248)*

Note: Includes field bend conduit up to 1".

26 05 33 13-1250	LF	1/2" Aluminum Conduit With Threaded Coupling	4.67	1.43
		For Work In Restricted Working Space, Add	*1.09*	
		For Installation In Concrete (Excludes Concrete), Add	*0.54*	
26 05 33 13-1251	LF	3/4" Aluminum Conduit With Threaded Coupling	5.39	1.58
		For Work In Restricted Working Space, Add	*1.20*	
		For Installation In Concrete (Excludes Concrete), Add	*0.60*	
26 05 33 13-1252	LF	1" Aluminum Conduit With Threaded Coupling	6.36	1.73
		For Work In Restricted Working Space, Add	*1.31*	
		For Installation In Concrete (Excludes Concrete), Add	*0.66*	
26 05 33 13-1253	LF	1-1/4" Aluminum Conduit With Threaded Coupling	7.58	1.96
		For Work In Restricted Working Space, Add	*1.49*	
		For Installation In Concrete (Excludes Concrete), Add	*0.75*	
26 05 33 13-1254	LF	1-1/2" Aluminum Conduit With Threaded Coupling	8.89	2.27
		For Work In Restricted Working Space, Add	*1.70*	
		For Installation In Concrete (Excludes Concrete), Add	*0.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1255	LF	2" Aluminum Conduit With Threaded Coupling	10.74	2.57
		For Work In Restricted Working Space, Add	*1.92*	
		For Installation In Concrete (Excludes Concrete), Add	*0.96*	
26 05 33 13-1256	LF	2-1/2" Aluminum Conduit With Threaded Coupling	14.98	3.24
		For Work In Restricted Working Space, Add	*2.44*	
		For Installation In Concrete (Excludes Concrete), Add	*1.22*	
26 05 33 13-1257	LF	3" Aluminum Conduit With Threaded Coupling	18.79	3.92
		For Work In Restricted Working Space, Add	*2.94*	
		For Installation In Concrete (Excludes Concrete), Add	*1.47*	
26 05 33 13-1258	LF	3-1/2" Aluminum Conduit With Threaded Coupling	22.47	4.67
		For Work In Restricted Working Space, Add	*3.50*	
		For Installation In Concrete (Excludes Concrete), Add	*1.75*	
26 05 33 13-1259	LF	4" Aluminum Conduit With Threaded Coupling	26.73	5.57
		For Work In Restricted Working Space, Add	*4.19*	
		For Installation In Concrete (Excludes Concrete), Add	*2.09*	
26 05 33 13-1260	LF	5" Aluminum Conduit With Threaded Coupling	35.93	7.09
		For Work In Restricted Working Space, Add	*5.29*	
		For Installation In Concrete (Excludes Concrete), Add	*2.65*	
26 05 33 13-1261	LF	6" Aluminum Conduit With Threaded Coupling	46.31	8.89
		For Work In Restricted Working Space, Add	*6.67*	
		For Installation In Concrete (Excludes Concrete), Add	*3.34*	

26 05 33 13-1262 Aluminum 90 Degree Elbows *(26 05 33 13-1248)*

26 05 33 13-1263	EA	1" Aluminum 90 Degree Elbow	30.74	7.84
		For Work In Restricted Working Space, Add	*5.88*	
26 05 33 13-1264	EA	1-1/4" Aluminum 90 Degree Elbow	39.94	8.89
		For Work In Restricted Working Space, Add	*6.67*	
26 05 33 13-1265	EA	1-1/2" Aluminum 90 Degree Elbow	49.18	10.25
		For Work In Restricted Working Space, Add	*7.69*	
26 05 33 13-1266	EA	2" Aluminum 90 Degree Elbow	64.07	11.76
		For Work In Restricted Working Space, Add	*8.82*	
26 05 33 13-1267	EA	2-1/2" Aluminum 90 Degree Elbow	94.23	14.32
		For Work In Restricted Working Space, Add	*10.74*	
26 05 33 13-1268	EA	3" Aluminum 90 Degree Elbow	136.60	18.54
		For Work In Restricted Working Space, Add	*13.91*	
26 05 33 13-1269	EA	3-1/2" Aluminum 90 Degree Elbow	192.76	20.80
		For Work In Restricted Working Space, Add	*15.60*	
26 05 33 13-1270	EA	4" Aluminum 90 Degree Elbow	232.10	26.08
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-1271	EA	5" Aluminum 90 Degree Elbow	599.76	42.51
		For Work In Restricted Working Space, Add	*31.88*	
26 05 33 13-1272	EA	6" Aluminum 90 Degree Elbow	842.57	63.92
		For Work In Restricted Working Space, Add	*47.94*	

26 05 33 13-1273 Aluminum Bushing Set With Locknut *(26 05 33 13-1248)*

26 05 33 13-1274	EA	1/2" Aluminum Bushing Set With Locknut	8.39	3.02
		For Work In Restricted Working Space, Add	*2.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.26*	
26 05 33 13-1275	EA	3/4" Aluminum Bushing Set With Locknut	13.21	3.92
		For Work In Restricted Working Space, Add	*2.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-1276	EA	1" Aluminum Bushing Set With Locknut	12.61	4.82
		For Work In Restricted Working Space, Add	*3.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.62*	
26 05 33 13-1277	EA	1-1/4" Aluminum Bushing Set With Locknut	14.18	5.42
		For Work In Restricted Working Space, Add	*4.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.07*	
26 05 33 13-1278	EA	1-1/2" Aluminum Bushing Set With Locknut	17.36	6.64
		For Work In Restricted Working Space, Add	*4.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-1279	EA	2" Aluminum Bushing Set With Locknut	21.27	7.99
		For Work In Restricted Working Space, Add	*5.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-1280	EA	2-1/2" Aluminum Bushing Set With Locknut	26.38	9.49
		For Work In Restricted Working Space, Add	*7.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.12*	
26 05 33 13-1281	EA	3" Aluminum Bushing Set With Locknut	31.04	10.86
		For Work In Restricted Working Space, Add	*8.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.14*	
26 05 33 13-1282	EA	3-1/2" Aluminum Bushing Set With Locknut	33.56	11.76
		For Work In Restricted Working Space, Add	*8.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.82*	
26 05 33 13-1283	EA	4" Aluminum Bushing Set With Locknut	36.65	12.66
		For Work In Restricted Working Space, Add	*9.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.50*	
26 05 33 13-1284	EA	5" Aluminum Bushing Set With Locknut	48.46	16.88
		For Work In Restricted Working Space, Add	*12.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.66*	
26 05 33 13-1285	EA	6" Aluminum Bushing Set With Locknut	71.89	25.33
		For Work In Restricted Working Space, Add	*18.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.99*	

26 05 33 13-1286 Aluminum Type LB, LL Or LR Two Hub Conduit Bodies With Cover *(26 05 33 13-1248)*

26 05 33 13-1287	EA	1/2" Aluminum Type LB, LL Or LR Two Hub Conduit Body With Cover	34.29	10.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.14*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1288	EA	3/4" Aluminum Type LB, LL Or LR Two Hub Conduit Body With Cover	40.35	12.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.34*	
26 05 33 13-1289	EA	1" Aluminum Type LB, LL Or LR Two Hub Conduit Body With Cover	49.69	14.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.85*	
26 05 33 13-1290	EA	1-1/4" Aluminum Type LB, LL Or LR Two Hub Conduit Body With Cover	61.26	16.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.39*	
26 05 33 13-1291	EA	1-1/2" Aluminum Type LB, LL Or LR Two Hub Conduit Body With Cover	71.28	18.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.57*	
26 05 33 13-1292	EA	2" Aluminum Type LB, LL Or LR Two Hub Conduit Body With Cover	97.45	21.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.28*	
26 05 33 13-1293	EA	2-1/2" Aluminum Type LB, LL Or LR Two Hub Conduit Body With Cover	182.54	30.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.91*	
26 05 33 13-1294	EA	3" Aluminum Type LB, LL Or LR Two Hub Conduit Body With Cover	241.12	40.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.53*	
26 05 33 13-1295	EA	3-1/2" Aluminum Type LB, LL Or LR Two Hub Conduit Body With Cover	375.96	50.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.17*	
26 05 33 13-1296	EA	4" Aluminum Type LB, LL Or LR Two Hub Conduit Body With Cover	416.80	61.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.47*	

26 05 33 13-1297 Aluminum Type T Three Hub Conduit Bodies With Cover *(26 05 33 13-1248)*

26 05 33 13-1298	EA	1/2" Aluminum Type T Three Hub Conduit Body With Cover	39.84	12.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.34*	
26 05 33 13-1299	EA	3/4" Aluminum Type T Three Hub Conduit Body With Cover	47.26	14.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.85*	
26 05 33 13-1300	EA	1" Aluminum Type T Three Hub Conduit Body With Cover	55.19	15.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.87*	
26 05 33 13-1301	EA	1-1/4" Aluminum Type T Three Hub Conduit Body With Cover	69.75	18.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.57*	
26 05 33 13-1302	EA	1-1/2" Aluminum Type T Three Hub Conduit Body With Cover	82.50	19.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.93*	
26 05 33 13-1303	EA	2" Aluminum Type T Three Hub Conduit Body With Cover	109.39	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.48*	
26 05 33 13-1304	EA	2-1/2" Aluminum Type T Three Hub Conduit Body With Cover	214.32	33.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.44*	
26 05 33 13-1305	EA	3" Aluminum Type T Three Hub Conduit Body With Cover	249.64	44.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.08*	
26 05 33 13-1306	EA	3-1/2" Aluminum Type T Three Hub Conduit Body With Cover	441.92	54.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.70*	
26 05 33 13-1307	EA	4" Aluminum Type T Three Hub Conduit Body With Cover	472.94	65.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.18*	

26 05 33 13-1308 Aluminum Type C Two Hub Conduit Bodies With Cover *(26 05 33 13-1248)*

26 05 33 13-1309	EA	1/2" Aluminum Type C Two Hub Conduit Body With Cover	34.62	10.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.14*	
26 05 33 13-1310	EA	3/4" Aluminum Type C Two Hub Conduit Body With Cover	39.94	12.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.34*	
26 05 33 13-1311	EA	1" Aluminum Type C Two Hub Conduit Body With Cover	48.95	14.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.70*	
26 05 33 13-1312	EA	1-1/4" Aluminum Type C Two Hub Conduit Body With Cover	61.36	16.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.39*	
26 05 33 13-1313	EA	1-1/2" Aluminum Type C Two Hub Conduit Body With Cover	71.43	18.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.57*	
26 05 33 13-1314	EA	2" Aluminum Type C Two Hub Conduit Body With Cover	97.43	21.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.28*	
26 05 33 13-1315	EA	2-1/2" Aluminum Type C Two Hub Conduit Body With Cover	181.69	30.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.91*	
26 05 33 13-1316	EA	3" Aluminum Type C Two Hub Conduit Body With Cover	222.66	40.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.53*	
26 05 33 13-1317	EA	3-1/2" Aluminum Type C Two Hub Conduit Body With Cover	374.71	50.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.17*	
26 05 33 13-1318	EA	4" Aluminum Type C Two Hub Conduit Body With Cover	414.70	61.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.47*	

26 05 33 13-1319 Aluminum Type X Four Hub Conduit Bodies With Cover *(26 05 33 13-1248)*

26 05 33 13-1320	EA	1/2" Aluminum Type X Four Hub Conduit Body With Cover	46.08	14.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.70*	
26 05 33 13-1321	EA	3/4" Aluminum Type X Four Hub Conduit Body With Cover	53.58	15.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.87*	
26 05 33 13-1322	EA	1" Aluminum Type X Four Hub Conduit Body With Cover	63.10	17.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.07*	
26 05 33 13-1323	EA	1-1/4" Aluminum Type X Four Hub Conduit Body With Cover	84.02	19.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.93*	
26 05 33 13-1324	EA	1-1/2" Aluminum Type X Four Hub Conduit Body With Cover	88.54	21.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.28*	
26 05 33 13-1325	EA	2" Aluminum Type X Four Hub Conduit Body With Cover	142.71	26.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.01*	

26 05 33 13-1326 Explosion Proof Conduit Fittings *(26 05 33 13-0041)*

Note: For use with RGS, EMT and IMC conduit.

26 05 33 13-1327 Explosion Proof Malleable Iron Conduit Unions *(26 05 33 13-1326)*

26 05 33 13-1328	EA	1/2" Explosion Proof Malleable Iron Conduit Union	29.70	6.27
26 05 33 13-1329	EA	3/4" Explosion Proof Malleable Iron Conduit Union	36.57	6.94
26 05 33 13-1330	EA	1" Explosion Proof Malleable Iron Conduit Union	57.93	9.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1331	EA	1-1/4" Explosion Proof Malleable Iron Conduit Union	78.03	10.24
26 05 33 13-1332	EA	1-1/2" Explosion Proof Malleable Iron Conduit Union	98.63	12.55
26 05 33 13-1333	EA	2" Explosion Proof Malleable Iron Conduit Union	122.77	14.54
26 05 33 13-1334	EA	2-1/2" Explosion Proof Malleable Iron Conduit Union	173.92	20.78
26 05 33 13-1335	EA	3" Explosion Proof Malleable Iron Conduit Union	241.15	24.74
26 05 33 13-1336	EA	3-1/2" Explosion Proof Malleable Iron Conduit Union	370.45	29.68
26 05 33 13-1337	EA	4" Explosion Proof Malleable Iron Conduit Union	409.19	37.93

26 05 33 13-1338 Explosion Proof Malleable Iron Hub Bodies *(26 05 33 13-1326)*

26 05 33 13-1339	EA	1/2" Explosion Proof Malleable Iron Two Hub Body	64.58	19.82
26 05 33 13-1340	EA	3/4" Explosion Proof Malleable Iron Two Hub Body	76.93	22.46
26 05 33 13-1341	EA	1" Explosion Proof Malleable Iron Two Hub Body	85.01	24.78
26 05 33 13-1342	EA	1/2" Explosion Proof Malleable Iron Three Hub Body	83.92	24.78
26 05 33 13-1343	EA	3/4" Explosion Proof Malleable Iron Three Hub Body	100.20	29.73
26 05 33 13-1344	EA	1" Explosion Proof Malleable Iron Three Hub Body	113.08	34.02

26 05 33 13-1345 Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical *(26 05 33 13-1326)*

26 05 33 13-1346	EA	1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	62.29	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.39*	
26 05 33 13-1347	EA	3/4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	70.88	18.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.88*	
26 05 33 13-1348	EA	1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	82.19	20.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.11*	
26 05 33 13-1349	EA	1-1/4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	100.34	24.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.58*	
26 05 33 13-1350	EA	1-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	130.89	29.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.80*	
26 05 33 13-1351	EA	2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	158.21	33.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.77*	
26 05 33 13-1352	EA	2-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	239.95	49.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.10*	
26 05 33 13-1353	EA	3" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	298.28	62.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.50*	
26 05 33 13-1354	EA	3-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	589.35	68.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.20*	
26 05 33 13-1355	EA	4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	784.04	74.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.65*	

26 05 33 13-1356 Explosion Proof Flexible Conduit Couplings *(26 05 33 13-1326)*

26 05 33 13-1357	EA	1/2" x 12" Explosion Proof Flexible Conduit Coupling	269.46	7.60
26 05 33 13-1358	EA	3/4" x 15" Explosion Proof Flexible Conduit Coupling	375.74	8.59

26 05 33 13-1359 Conduit Installed Below Grade *(26 05 33 13-0040)*

Note: By direct burial In trench or in concrete slabs or duct banks. Excludes trenching, backfilling and concrete.

26 05 33 13-1360 Schedule 40 PVC Conduit, Direct Burial *(26 05 33 13-1359)*

26 05 33 13-1361 Schedule 40 PVC Conduit With Glued Couplings, Direct Burial *(26 05 33 13-1360)*

Note: Includes field bend conduit up to 1".

26 05 33 13-1362	LF	1/2" Schedule 40 PVC Conduit With Glued Couplings, Direct Burial	1.64	
		For Schedule 60, Add	*0.12*	
		For Schedule 80, Add	*0.21*	
26 05 33 13-1363	LF	3/4" Schedule 40 PVC Conduit With Glued Couplings, Direct Burial	2.30	
		For Schedule 60, Add	*0.16*	
		For Schedule 80, Add	*0.29*	
26 05 33 13-1364	LF	1" Schedule 40 PVC Conduit With Glued Couplings, Direct Burial	2.68	
		For Schedule 60, Add	*0.20*	
		For Schedule 80, Add	*0.36*	
26 05 33 13-1365	LF	1-1/4" Schedule 40 PVC Conduit With Glued Couplings, Direct Burial	3.31	
		For Schedule 60, Add	*0.26*	
		For Schedule 80, Add	*0.45*	
26 05 33 13-1366	LF	1-1/2" Schedule 40 PVC Conduit With Glued Couplings, Direct Burial	3.61	
		For Schedule 60, Add	*0.29*	
		For Schedule 80, Add	*0.50*	
26 05 33 13-1367	LF	2" Schedule 40 PVC Conduit With Glued Couplings, Direct Burial	3.99	
		For Schedule 60, Add	*0.34*	
		For Schedule 80, Add	*0.58*	
26 05 33 13-1368	LF	2-1/2" Schedule 40 PVC Conduit With Glued Couplings, Direct Burial	5.14	
		For Schedule 60, Add	*0.49*	
		For Schedule 80, Add	*0.80*	
26 05 33 13-1369	LF	3" Schedule 40 PVC Conduit With Glued Couplings, Direct Burial	6.45	
		For Schedule 60, Add	*0.60*	
		For Schedule 80, Add	*0.99*	
26 05 33 13-1370	LF	3-1/2" Schedule 40 PVC Conduit With Glued Couplings, Direct Burial	7.88	
		For Schedule 60, Add	*0.75*	
		For Schedule 80, Add	*1.23*	
26 05 33 13-1371	LF	4" Schedule 40 PVC Conduit With Glued Couplings, Direct Burial	9.04	
		For Schedule 60, Add	*0.84*	
		For Schedule 80, Add	*1.39*	
26 05 33 13-1372	LF	5" Schedule 40 PVC Conduit With Glued Couplings, Direct Burial	11.94	
		For Schedule 60, Add	*1.16*	
		For Schedule 80, Add	*1.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1373	LF	6" Schedule 40 PVC Conduit With Glued Couplings, Direct Burial	15.94	
		For Schedule 60, Add	*1.54*	
		For Schedule 80, Add	*2.52*	

26 05 33 13-1374 Schedule 40 PVC Conduit 90 Degree Elbows, Direct Burial *(26 05 33 13-1360)*

See CSI section 26 05 33 13-1799 for conduit field bending.

26 05 33 13-1375	EA	1/2" Schedule 40 PVC Conduit 90 Degree Elbow, Direct Burial	10.96	
		For 45 Degree Elbows, Deduct	*-0.04*	
		For Schedule 60, Add	*0.67*	
		For Schedule 80, Add	*1.25*	
26 05 33 13-1376	EA	3/4" Schedule 40 PVC Conduit 90 Degree Elbow, Direct Burial	13.70	
		For 45 Degree Elbows, Deduct	*-0.04*	
		For Schedule 60, Add	*0.82*	
		For Schedule 80, Add	*1.54*	
26 05 33 13-1377	EA	1" Schedule 40 PVC Conduit 90 Degree Elbow, Direct Burial	16.14	
		For 45 Degree Elbows, Deduct	*-0.07*	
		For Schedule 60, Add	*1.03*	
		For Schedule 80, Add	*1.89*	
26 05 33 13-1378	EA	1-1/4" Schedule 40 PVC Conduit 90 Degree Elbow, Direct Burial	20.12	
		For 45 Degree Elbows, Deduct	*-0.10*	
		For Schedule 60, Add	*1.33*	
		For Schedule 80, Add	*2.41*	
26 05 33 13-1379	EA	1-1/2" Schedule 40 PVC Conduit 90 Degree Elbow, Direct Burial	23.47	
		For 45 Degree Elbows, Deduct	*-0.13*	
		For Schedule 60, Add	*1.61*	
		For Schedule 80, Add	*2.89*	
26 05 33 13-1380	EA	2" Schedule 40 PVC Conduit 90 Degree Elbow, Direct Burial	27.23	
		For 45 Degree Elbows, Deduct	*-0.17*	
		For Schedule 60, Add	*1.94*	
		For Schedule 80, Add	*3.45*	
26 05 33 13-1381	EA	2-1/2" Schedule 40 PVC Conduit 90 Degree Elbow, Direct Burial	33.11	
		For 45 Degree Elbows, Deduct	*-0.33*	
		For Schedule 60, Add	*2.74*	
		For Schedule 80, Add	*4.67*	
26 05 33 13-1382	EA	3" Schedule 40 PVC Conduit 90 Degree Elbow, Direct Burial	40.16	
		For 45 Degree Elbows, Deduct	*-0.55*	
		For Schedule 60, Add	*3.84*	
		For Schedule 80, Add	*6.30*	
26 05 33 13-1383	EA	3-1/2" Schedule 40 PVC Conduit 90 Degree Elbow, Direct Burial	49.13	
		For 45 Degree Elbows, Deduct	*-0.77*	
		For Schedule 60, Add	*5.03*	
		For Schedule 80, Add	*8.13*	
26 05 33 13-1384	EA	4" Schedule 40 PVC Conduit 90 Degree Elbow, Direct Burial	57.93	
		For 45 Degree Elbows, Deduct	*-0.99*	
		For Schedule 60, Add	*6.21*	
		For Schedule 80, Add	*9.94*	
26 05 33 13-1385	EA	5" Schedule 40 PVC Conduit 90 Degree Elbow, Direct Burial	78.27	
		For 45 Degree Elbows, Deduct	*-1.72*	
		For Schedule 60, Add	*9.64*	
		For Schedule 80, Add	*14.99*	
26 05 33 13-1386	EA	6" Schedule 40 PVC Conduit 90 Degree Elbow, Direct Burial	109.52	
		For 45 Degree Elbows, Deduct	*-2.19*	
		For Schedule 60, Add	*12.79*	
		For Schedule 80, Add	*20.09*	

26 05 33 13-1387 PVC Conduit Adapters, Direct Burial *(26 05 33 13-1360)*

26 05 33 13-1388	EA	1/2" PVC Conduit Adapter, Direct Burial	8.62	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.50*	
26 05 33 13-1389	EA	3/4" PVC Conduit Adapter, Direct Burial	10.36	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.00*	
26 05 33 13-1390	EA	1" PVC Conduit Adapter, Direct Burial	11.60	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.33*	
26 05 33 13-1391	EA	1-1/4" PVC Conduit Adapter, Direct Burial	13.06	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-1392	EA	1-1/2" PVC Conduit Adapter, Direct Burial	13.89	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.95*	
26 05 33 13-1393	EA	2" PVC Conduit Adapter, Direct Burial	14.43	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.19*	
26 05 33 13-1394	EA	2-1/2" PVC Conduit Adapter, Direct Burial	17.56	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-1395	EA	3" PVC Conduit Adapter, Direct Burial	19.35	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.98*	
26 05 33 13-1396	EA	3-1/2" PVC Conduit Adapter, Direct Burial	23.06	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.86*	
26 05 33 13-1397	EA	4" PVC Conduit Adapter, Direct Burial	26.01	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.71*	
26 05 33 13-1398	EA	5" PVC Conduit Adapter, Direct Burial	34.80	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.30*	
26 05 33 13-1399	EA	6" PVC Conduit Adapter, Direct Burial	42.15	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.07*	

26 05 33 13-1400 PVC Conduit Bell Ends And Plug, Direct Burial *(26 05 33 13-1360)*

26 05 33 13-1401	EA	1-1/4" PVC Conduit Bell End And Plug, Direct Burial	9.88
26 05 33 13-1402	EA	1-1/2" PVC Conduit Bell End And Plug, Direct Burial	14.20
26 05 33 13-1403	EA	2" PVC Conduit Bell End And Plug, Direct Burial	19.30
26 05 33 13-1404	EA	2-1/2" PVC Conduit Bell End And Plug, Direct Burial	21.41

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1405	EA	3" PVC Conduit Bell End And Plug, Direct Burial	22.92	
26 05 33 13-1406	EA	3-1/2" PVC Conduit Bell End And Plug, Direct Burial	27.30	
26 05 33 13-1407	EA	4" PVC Conduit Bell End And Plug, Direct Burial	30.16	
26 05 33 13-1408	EA	5" PVC Conduit Bell End And Plug, Direct Burial	39.25	
26 05 33 13-1409	EA	6" PVC Conduit Bell End And Plug, Direct Burial	46.65	

26 05 33 13-1410 PVC Conduit Terminal Adapters, Direct Burial *(26 05 33 13-1360)*

26 05 33 13-1411	EA	1/2" PVC Conduit Terminal Adapters, Direct Burial	8.56	
26 05 33 13-1412	EA	3/4" PVC Conduit Terminal Adapters, Direct Burial	10.36	
26 05 33 13-1413	EA	1" PVC Conduit Terminal Adapters, Direct Burial	11.53	
26 05 33 13-1414	EA	1-1/4" PVC Conduit Terminal Adapters, Direct Burial	12.94	

26 05 33 13-1415 PVC Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial *(26 05 33 13-1359)*

Note: 40 mil PVC coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney).

26 05 33 13-1416 PVC Coated, Urethane Lined, RGS Conduit, Direct Burial *(26 05 33 13-1415)*

Note: Includes field bending for conduit up to 1".

26 05 33 13-1417	LF	1/2" PVC Coated, Urethane Lined, RGS Conduit, Direct Burial	8.42	1.58
		For >250 To 500, Deduct	*-0.32*	
		For >500 To 1000, Deduct	*-0.53*	
		For >1000, Deduct	*-0.74*	
26 05 33 13-1418	LF	3/4" PVC Coated, Urethane Lined, RGS Conduit, Direct Burial	9.48	1.96
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1000, Deduct	*-0.60*	
		For >1000, Deduct	*-0.84*	
26 05 33 13-1419	LF	1" PVC Coated, Urethane Lined, RGS Conduit, Direct Burial	11.69	2.19
		For >250 To 500, Deduct	*-0.45*	
		For >500 To 1000, Deduct	*-0.75*	
		For >1000, Deduct	*-1.04*	
26 05 33 13-1420	LF	1-1/4" PVC Coated, Urethane Lined, RGS Conduit, Direct Burial	14.17	2.94
		For >250 To 500, Deduct	*-0.56*	
		For >500 To 1000, Deduct	*-0.91*	
		For >1000, Deduct	*-1.27*	
26 05 33 13-1421	LF	1-1/2" PVC Coated, Urethane Lined, RGS Conduit, Direct Burial	16.69	3.32
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1000, Deduct	*-1.08*	
		For >1000, Deduct	*-1.50*	
26 05 33 13-1422	LF	2" PVC Coated, Urethane Lined, RGS Conduit, Direct Burial	21.19	3.62
		For >250 To 500, Deduct	*-0.85*	
		For >500 To 1000, Deduct	*-1.38*	
		For >1000, Deduct	*-1.91*	
26 05 33 13-1423	LF	2-1/2" PVC Coated, Urethane Lined, RGS Conduit, Direct Burial	30.87	5.42
		For >250 To 500, Deduct	*-1.26*	
		For >500 To 1000, Deduct	*-2.03*	
		For >1000, Deduct	*-2.80*	
26 05 33 13-1424	LF	3" PVC Coated, Urethane Lined, RGS Conduit, Direct Burial	39.74	6.79
		For >250 To 500, Deduct	*-1.61*	
		For >500 To 1000, Deduct	*-2.60*	
		For >1000, Deduct	*-3.60*	
26 05 33 13-1425	LF	3-1/2" PVC Coated, Urethane Lined, RGS Conduit, Direct Burial	49.01	7.16
		For >250 To 500, Deduct	*-1.98*	
		For >500 To 1000, Deduct	*-3.20*	
		For >1000, Deduct	*-4.43*	
26 05 33 13-1426	LF	4" PVC Coated, Urethane Lined, RGS Conduit, Direct Burial	58.17	7.91
		For >250 To 500, Deduct	*-2.34*	
		For >500 To 1000, Deduct	*-3.80*	
		For >1000, Deduct	*-5.25*	
26 05 33 13-1427	LF	5" PVC Coated, Urethane Lined, RGS Conduit, Direct Burial	91.66	10.93
		For >250 To 500, Deduct	*-3.87*	
		For >500 To 1000, Deduct	*-6.16*	
		For >1000, Deduct	*-8.45*	
26 05 33 13-1428	LF	6" PVC Coated, Urethane Lined, RGS Conduit, Direct Burial	122.55	14.32
		For >250 To 500, Deduct	*-5.22*	
		For >500 To 1000, Deduct	*-8.29*	
		For >1000, Deduct	*-11.35*	

26 05 33 13-1429 PVC Coated, Urethane Lined, RGS Couplings, Direct Burial *(26 05 33 13-1415)*

26 05 33 13-1430	EA	1/2" PVC Coated, Urethane Lined, RGS Coupling, Direct Burial	9.04	2.27
26 05 33 13-1431	EA	3/4" PVC Coated, Urethane Lined, RGS Coupling, Direct Burial	10.77	3.02
26 05 33 13-1432	EA	1" PVC Coated, Urethane Lined, RGS Coupling, Direct Burial	13.69	3.77
26 05 33 13-1433	EA	1-1/4" PVC Coated, Urethane Lined, RGS Coupling, Direct Burial	15.46	4.14
26 05 33 13-1434	EA	1-1/2" PVC Coated, Urethane Lined, RGS Coupling, Direct Burial	18.33	4.90
26 05 33 13-1435	EA	2" PVC Coated, Urethane Lined, RGS Coupling, Direct Burial	23.79	5.65
26 05 33 13-1436	EA	2-1/2" PVC Coated, Urethane Lined, RGS Coupling, Direct Burial	44.45	6.79
26 05 33 13-1437	EA	3" PVC Coated, Urethane Lined, RGS Coupling, Direct Burial	56.35	9.42
26 05 33 13-1438	EA	3-1/2" PVC Coated, Urethane Lined, RGS Coupling, Direct Burial	69.97	10.93
26 05 33 13-1439	EA	4" PVC Coated, Urethane Lined, RGS Coupling, Direct Burial	86.40	15.08
26 05 33 13-1440	EA	5" PVC Coated, Urethane Lined, RGS Coupling, Direct Burial	224.77	20.72
26 05 33 13-1441	EA	6" PVC Coated, Urethane Lined, RGS Coupling, Direct Burial	228.14	11.68

26 05 33 13-1442 PVC Coated, Urethane Lined, RGS Standard Radius Elbows, Direct Burial

(26 05 33 13-1415)

Note: 90, 45, or 30 degree.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1443	EA	1/2" PVC Coated, Urethane Lined, RGS Standard Radius Elbow, Direct Burial	34.68	9.42
26 05 33 13-1444	EA	3/4" PVC Coated, Urethane Lined, RGS Standard Radius Elbow, Direct Burial	39.82	11.68
26 05 33 13-1445	EA	1" PVC Coated, Urethane Lined, RGS Standard Radius Elbow, Direct Burial	47.50	14.32
26 05 33 13-1446	EA	1-1/4" PVC Coated, Urethane Lined, RGS Standard Radius Elbow, Direct Burial	56.35	16.58
26 05 33 13-1447	EA	1-1/2" PVC Coated, Urethane Lined, RGS Standard Radius Elbow, Direct Burial	66.17	18.84
26 05 33 13-1448	EA	2" PVC Coated, Urethane Lined, RGS Standard Radius Elbow, Direct Burial	81.21	20.72
26 05 33 13-1449	EA	2-1/2" PVC Coated, Urethane Lined, RGS Standard Radius Elbow, Direct Burial	126.90	26.01
26 05 33 13-1450	EA	3" PVC Coated, Urethane Lined, RGS Standard Radius Elbow, Direct Burial	190.53	35.42
26 05 33 13-1451	EA	3-1/2" PVC Coated, Urethane Lined, RGS Standard Radius Elbow, Direct Burial	236.94	39.94
26 05 33 13-1452	EA	4" PVC Coated, Urethane Lined, RGS Standard Radius Elbow, Direct Burial	270.02	52.00
26 05 33 13-1453	EA	5" PVC Coated, Urethane Lined, RGS Standard Radius Elbow, Direct Burial	569.63	84.80
26 05 33 13-1454	EA	6" PVC Coated, Urethane Lined, RGS Standard Radius Elbow, Direct Burial	897.78	127.38
26 05 33 13-1455		**PVC Coated, Urethane Lined, RGS 12" Large Radius Elbows, Direct Burial** *(26 05 33 13-1415)*		
26 05 33 13-1456	EA	1" PVC Coated, Urethane Lined, RGS 12" Large Radius Elbow, Direct Burial	84.84	14.32
26 05 33 13-1457	EA	1-1/4" PVC Coated, Urethane Lined, RGS 12" Large Radius Elbow, Direct Burial	95.33	16.58
26 05 33 13-1458	EA	1-1/2" PVC Coated, Urethane Lined, RGS 12" Large Radius Elbow, Direct Burial	108.85	18.84
26 05 33 13-1459	EA	2" PVC Coated, Urethane Lined, RGS 12" Large Radius Elbow, Direct Burial	130.46	20.72
26 05 33 13-1460	EA	2-1/2" PVC Coated, Urethane Lined, RGS 12" Large Radius Elbow, Direct Burial	182.64	26.01
26 05 33 13-1461		**PVC Coated, Urethane Lined, RGS 15" Large Radius Elbows, Direct Burial** *(26 05 33 13-1415)*		
26 05 33 13-1462	EA	1" PVC Coated, Urethane Lined, RGS 15" Large Radius Elbow, Direct Burial	94.94	14.32
26 05 33 13-1463	EA	1-1/4" PVC Coated, Urethane Lined, RGS 15" Large Radius Elbow, Direct Burial	112.02	16.58
26 05 33 13-1464	EA	1-1/2" PVC Coated, Urethane Lined, RGS 15" Large Radius Elbow, Direct Burial	120.82	18.84
26 05 33 13-1465	EA	2" PVC Coated, Urethane Lined, RGS 15" Large Radius Elbow, Direct Burial	156.55	20.72
26 05 33 13-1466	EA	2-1/2" PVC Coated, Urethane Lined, RGS 15" Large Radius Elbow, Direct Burial	207.79	26.01
26 05 33 13-1467	EA	3" PVC Coated, Urethane Lined, RGS 15" Large Radius Elbow, Direct Burial	265.13	35.42
26 05 33 13-1468		**PVC Coated, Urethane Lined, RGS 18" Large Radius Elbows, Direct Burial** *(26 05 33 13-1415)*		
26 05 33 13-1469	EA	1" PVC Coated, Urethane Lined, RGS 18" Large Radius Elbow, Direct Burial	107.01	14.32
26 05 33 13-1470	EA	1-1/4" PVC Coated, Urethane Lined, RGS 18" Large Radius Elbow, Direct Burial	120.71	16.58
26 05 33 13-1471	EA	1-1/2" PVC Coated, Urethane Lined, RGS 18" Large Radius Elbow, Direct Burial	136.17	18.84
26 05 33 13-1472	EA	2" PVC Coated, Urethane Lined, RGS 18" Large Radius Elbow, Direct Burial	165.20	20.72
26 05 33 13-1473	EA	2-1/2" PVC Coated, Urethane Lined, RGS 18" Large Radius Elbow, Direct Burial	236.70	26.01
26 05 33 13-1474	EA	3" PVC Coated, Urethane Lined, RGS 18" Large Radius Elbow, Direct Burial	299.07	35.42
26 05 33 13-1475	EA	3-1/2" PVC Coated, Urethane Lined, RGS 18" Large Radius Elbow, Direct Burial	379.06	39.94
26 05 33 13-1476	EA	4" PVC Coated, Urethane Lined, RGS 18" Large Radius Elbow, Direct Burial	424.86	52.00
26 05 33 13-1477		**PVC Coated, Urethane Lined, RGS 24" Large Radius Elbows, Direct Burial** *(26 05 33 13-1415)*		
26 05 33 13-1478	EA	1" PVC Coated, Urethane Lined, RGS 24" Large Radius Elbow, Direct Burial	127.87	14.32
26 05 33 13-1479	EA	1-1/4" PVC Coated, Urethane Lined, RGS 24" Large Radius Elbow, Direct Burial	141.11	16.58
26 05 33 13-1480	EA	1-1/2" PVC Coated, Urethane Lined, RGS 24" Large Radius Elbow, Direct Burial	159.33	18.84
26 05 33 13-1481	EA	2" PVC Coated, Urethane Lined, RGS 24" Large Radius Elbow, Direct Burial	198.55	20.72
26 05 33 13-1482	EA	2-1/2" PVC Coated, Urethane Lined, RGS 24" Large Radius Elbow, Direct Burial	288.43	26.01
26 05 33 13-1483	EA	3" PVC Coated, Urethane Lined, RGS 24" Large Radius Elbow, Direct Burial	356.57	35.42
26 05 33 13-1484	EA	3-1/2" PVC Coated, Urethane Lined, RGS 24" Large Radius Elbow, Direct Burial	414.17	39.94
26 05 33 13-1485	EA	4" PVC Coated, Urethane Lined, RGS 24" Large Radius Elbow, Direct Burial	489.31	52.00
26 05 33 13-1486		**PVC Coated, Urethane Lined, RGS 30" Large Radius Elbows, Direct Burial** *(26 05 33 13-1415)*		
26 05 33 13-1487	EA	1" PVC Coated, Urethane Lined, RGS 30" Large Radius Elbow, Direct Burial	144.09	14.32
26 05 33 13-1488	EA	1-1/4" PVC Coated, Urethane Lined, RGS 30" Large Radius Elbow, Direct Burial	160.09	16.58
26 05 33 13-1489	EA	1-1/2" PVC Coated, Urethane Lined, RGS 30" Large Radius Elbow, Direct Burial	182.12	18.84
26 05 33 13-1490	EA	2" PVC Coated, Urethane Lined, RGS 30" Large Radius Elbow, Direct Burial	227.58	20.72
26 05 33 13-1491	EA	2-1/2" PVC Coated, Urethane Lined, RGS 30" Large Radius Elbow, Direct Burial	316.66	26.01
26 05 33 13-1492	EA	3" PVC Coated, Urethane Lined, RGS 30" Large Radius Elbow, Direct Burial	402.56	35.42
26 05 33 13-1493	EA	3-1/2" PVC Coated, Urethane Lined, RGS 30" Large Radius Elbow, Direct Burial	499.53	39.94
26 05 33 13-1494	EA	4" PVC Coated, Urethane Lined, RGS 30" Large Radius Elbow, Direct Burial	548.48	52.00
26 05 33 13-1495	EA	5" PVC Coated, Urethane Lined, RGS 30" Large Radius Elbow, Direct Burial	915.02	84.80
26 05 33 13-1496		**PVC Coated, Urethane Lined, RGS 36" Large Radius Elbows, Direct Burial** *(26 05 33 13-1415)*		
26 05 33 13-1497	EA	1" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow, Direct Burial	165.32	14.32
26 05 33 13-1498	EA	1-1/4" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow, Direct Burial	183.04	16.58
26 05 33 13-1499	EA	1-1/2" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow, Direct Burial	207.11	18.84
26 05 33 13-1500	EA	2" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow, Direct Burial	259.78	20.72
26 05 33 13-1501	EA	2-1/2" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow, Direct Burial	363.70	26.01
26 05 33 13-1502	EA	3" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow, Direct Burial	461.15	35.42
26 05 33 13-1503	EA	3-1/2" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow, Direct Burial	542.30	39.94
26 05 33 13-1504	EA	4" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow, Direct Burial	624.85	52.00
26 05 33 13-1505	EA	5" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow, Direct Burial	968.55	84.80
26 05 33 13-1506	EA	6" PVC Coated, Urethane Lined, RGS 36" Large Radius Elbow, Direct Burial	1,320.74	127.38
26 05 33 13-1507		**PVC Coated, Urethane Lined, RGS 42" Large Radius Elbows, Direct Burial** *(26 05 33 13-1415)*		
26 05 33 13-1508	EA	1" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow, Direct Burial	194.86	14.32
26 05 33 13-1509	EA	1-1/4" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow, Direct Burial	203.49	16.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1510	EA	1-1/2" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow, Direct Burial	240.55	18.84
26 05 33 13-1511	EA	2" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow, Direct Burial	304.60	20.72
26 05 33 13-1512	EA	2-1/2" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow, Direct Burial	427.12	26.01
26 05 33 13-1513	EA	3" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow, Direct Burial	540.15	35.42
26 05 33 13-1514	EA	3-1/2" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow, Direct Burial	661.21	39.94
26 05 33 13-1515	EA	4" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow, Direct Burial	773.44	52.00
26 05 33 13-1516	EA	5" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow, Direct Burial	1,143.15	84.80
26 05 33 13-1517	EA	6" PVC Coated, Urethane Lined, RGS 42" Large Radius Elbow, Direct Burial	1,400.89	127.38
26 05 33 13-1518		**PVC Coated, Urethane Lined, RGS 48" Large Radius Elbows, Direct Burial** *(26 05 33 13-1415)*		
26 05 33 13-1519	EA	1" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow, Direct Burial	201.98	14.32
26 05 33 13-1520	EA	1-1/4" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow, Direct Burial	238.08	16.58
26 05 33 13-1521	EA	1-1/2" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow, Direct Burial	269.48	18.84
26 05 33 13-1522	EA	2" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow, Direct Burial	318.09	20.72
26 05 33 13-1523	EA	2-1/2" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow, Direct Burial	442.96	26.01
26 05 33 13-1524	EA	3" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow, Direct Burial	564.44	35.42
26 05 33 13-1525	EA	3-1/2" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow, Direct Burial	725.97	39.94
26 05 33 13-1526	EA	4" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow, Direct Burial	807.14	52.00
26 05 33 13-1527	EA	5" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow, Direct Burial	1,190.05	84.80
26 05 33 13-1528	EA	6" PVC Coated, Urethane Lined, RGS 48" Large Radius Elbow, Direct Burial	1,441.61	127.38
26 05 33 13-1529		**PVC Coated, Urethane Lined, RGS, UNF Conduit Unions, Direct Burial** *(26 05 33 13-1415)*		
26 05 33 13-1530	EA	1/2" PVC Coated, Urethane Lined, RGS, UNF Conduit Union, Direct Burial	66.06	9.42
26 05 33 13-1531	EA	3/4" PVC Coated, Urethane Lined, RGS, UNF Conduit Union, Direct Burial	71.45	11.68
26 05 33 13-1532	EA	1" PVC Coated, Urethane Lined, RGS, UNF Conduit Union, Direct Burial	93.09	14.32
26 05 33 13-1533	EA	1-1/4" PVC Coated, Urethane Lined, RGS, UNF Conduit Union, Direct Burial	136.90	16.58
26 05 33 13-1534	EA	1-1/2" PVC Coated, Urethane Lined, RGS, UNF Conduit Union, Direct Burial	162.80	18.84
26 05 33 13-1535	EA	2" PVC Coated, Urethane Lined, RGS, UNF Conduit Union, Direct Burial	208.19	20.72
26 05 33 13-1536	EA	2-1/2" PVC Coated, Urethane Lined, RGS, UNF Conduit Union, Direct Burial	277.73	26.01
26 05 33 13-1537	EA	3" PVC Coated, Urethane Lined, RGS, UNF Conduit Union, Direct Burial	363.20	26.01
26 05 33 13-1538	EA	3-1/2" PVC Coated, Urethane Lined, RGS, UNF Conduit Union, Direct Burial	465.92	39.94
26 05 33 13-1539	EA	4" PVC Coated, Urethane Lined, RGS, UNF Conduit Union, Direct Burial	599.68	52.00
26 05 33 13-1540	EA	5" PVC Coated, Urethane Lined, RGS, UNF Conduit Union, Direct Burial	1,096.04	84.80
26 05 33 13-1541	EA	6" PVC Coated, Urethane Lined, RGS, UNF Conduit Union, Direct Burial	1,358.15	127.38
26 05 33 13-1542		**PVC Coated, Urethane Lined, RGS, UNY Conduit Unions, Direct Burial** *(26 05 33 13-1415)*		
26 05 33 13-1543	EA	1/2" PVC Coated, Urethane Lined, RGS, UNY Conduit Union, Direct Burial	67.65	9.42
26 05 33 13-1544	EA	3/4" PVC Coated, Urethane Lined, RGS, UNY Conduit Union, Direct Burial	77.52	11.68
26 05 33 13-1545	EA	1" PVC Coated, Urethane Lined, RGS, UNY Conduit Union, Direct Burial	96.33	14.32
26 05 33 13-1546	EA	1-1/4" PVC Coated, Urethane Lined, RGS, UNY Conduit Union, Direct Burial	142.84	16.58
26 05 33 13-1547	EA	1-1/2" PVC Coated, Urethane Lined, RGS, UNY Conduit Union, Direct Burial	171.05	18.84
26 05 33 13-1548	EA	2" PVC Coated, Urethane Lined, RGS, UNY Conduit Union, Direct Burial	226.01	20.72
26 05 33 13-1549	EA	2-1/2" PVC Coated, Urethane Lined, RGS, UNY Conduit Union, Direct Burial	315.86	26.01
26 05 33 13-1550	EA	3" PVC Coated, Urethane Lined, RGS, UNY Conduit Union, Direct Burial	401.97	26.01
26 05 33 13-1551	EA	3-1/2" PVC Coated, Urethane Lined, RGS, UNY Conduit Union, Direct Burial	536.01	39.94
26 05 33 13-1552	EA	4" PVC Coated, Urethane Lined, RGS, UNY Conduit Union, Direct Burial	669.51	52.00
26 05 33 13-1553	EA	5" PVC Coated, Urethane Lined, RGS, UNY Conduit Union, Direct Burial	1,224.04	84.80
26 05 33 13-1554	EA	6" PVC Coated, Urethane Lined, RGS, UNY Conduit Union, Direct Burial	1,564.84	127.38
26 05 33 13-1555		**PVC Coated, Urethane Lined, RGS, Nipples, Direct Burial** *(26 05 33 13-1415)*		
26 05 33 13-1556	EA	1/2" x 2" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	22.43	4.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 05 33 13-1557	EA	3/4" x 2" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	24.96	5.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-1558	EA	1" x 2" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	28.72	7.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-1559	EA	1-1/4" x 2" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	34.29	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-1560	EA	1-1/2" x 2" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	37.13	9.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-1561	EA	1/2" x 2-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	24.91	4.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-1562	EA	3/4" x 2-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	26.79	5.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-1563	EA	1" x 2-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	30.57	7.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-1564	EA	1-1/4" x 2-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	36.25	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-1565	EA	1-1/2" x 2-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	39.24	9.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-1566	EA	2" x 2-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	42.41	10.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-1567	EA	1/2" x 3" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	25.04	4.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-1568	EA	3/4" x 3" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	26.91	5.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-1569	EA	1" x 3" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	30.80	7.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-1570	EA	1-1/4" x 3" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	36.50	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	

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26 05 33 13-1571	EA	1-1/2" x 3" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	39.49	9.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-1572	EA	2" x 3" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	43.07	10.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-1573	EA	1/2" x 3-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	26.78	4.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-1574	EA	3/4" x 3-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	28.65	5.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-1575	EA	1" x 3-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	32.67	7.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-1576	EA	1-1/4" x 3-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	37.56	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-1577	EA	1-1/2" x 3-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	40.66	9.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-1578	EA	2" x 3-1/2" Long PVC PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	45.12	10.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-1579	EA	2-1/2" x 3-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	63.75	12.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.69*	
26 05 33 13-1580	EA	3" x 3-1/2" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	82.07	17.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.63*	
26 05 33 13-1581	EA	1/2" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	26.90	4.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-1582	EA	3/4" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	28.89	5.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-1583	EA	1" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	32.93	7.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-1584	EA	1-1/4" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	38.62	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-1585	EA	1-1/2" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	41.84	9.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-1586	EA	2" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	47.17	10.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-1587	EA	2-1/2" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	65.57	12.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.69*	
26 05 33 13-1588	EA	3" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	85.97	17.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.63*	
26 05 33 13-1589	EA	3-1/2" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	102.98	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.98*	
26 05 33 13-1590	EA	4" x 4" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	119.45	26.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 05 33 13-1591	EA	1/2" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	27.14	4.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-1592	EA	3/4" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	29.15	5.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-1593	EA	1" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	33.20	7.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-1594	EA	1-1/4" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	39.12	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-1595	EA	1-1/2" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	42.35	9.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-1596	EA	2" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	48.29	10.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-1597	EA	2-1/2" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	72.77	12.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.69*	
26 05 33 13-1598	EA	3" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	91.80	17.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.63*	
26 05 33 13-1599	EA	3-1/2" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	104.23	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.98*	
26 05 33 13-1600	EA	4" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	122.78	26.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 05 33 13-1601	EA	5" x 5" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	181.68	35.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.48*	
26 05 33 13-1602	EA	1/2" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	27.60	4.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-1603	EA	3/4" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	29.60	5.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-1604	EA	1" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	33.69	7.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-1605	EA	1-1/4" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	40.03	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-1606	EA	1-1/2" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	43.45	9.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-1607	EA	2" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	49.40	10.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-1608	EA	2-1/2" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	80.09	12.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.69*	
26 05 33 13-1609	EA	3" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	99.56	17.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.63*	
26 05 33 13-1610	EA	3-1/2" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	111.21	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.98*	
26 05 33 13-1611	EA	4" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	134.56	26.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 05 33 13-1612	EA	5" x 6" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	199.30	35.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.48*	
26 05 33 13-1613	EA	1/2" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	28.31	4.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-1614	EA	3/4" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	30.30	5.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	

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26 05 33 13-1615	EA	1" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	34.79	7.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-1616	EA	1-1/4" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	40.27	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-1617	EA	1-1/2" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	45.68	9.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-1618	EA	2" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	54.85	10.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-1619	EA	2-1/2" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	89.09	12.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.69*	
26 05 33 13-1620	EA	3" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	110.17	17.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.63*	
26 05 33 13-1621	EA	3-1/2" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	128.70	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.98*	
26 05 33 13-1622	EA	4" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	152.25	26.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 05 33 13-1623	EA	5" x 8" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	211.38	35.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.48*	
26 05 33 13-1624	EA	1/2" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	29.06	4.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-1625	EA	3/4" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	31.03	5.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-1626	EA	1" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	35.87	7.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-1627	EA	1-1/4" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	43.56	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-1628	EA	1-1/2" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	50.98	9.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-1629	EA	2" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	62.87	10.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-1630	EA	2-1/2" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	98.61	12.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.69*	
26 05 33 13-1631	EA	3" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	123.76	17.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.63*	
26 05 33 13-1632	EA	3-1/2" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	147.07	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.98*	
26 05 33 13-1633	EA	4" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	183.21	26.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 05 33 13-1634	EA	5" x 10" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	235.47	35.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.48*	
26 05 33 13-1635	EA	1/2" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	29.83	4.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-1636	EA	3/4" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	31.89	5.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-1637	EA	1" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	38.61	7.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-1638	EA	1-1/4" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	48.98	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-1639	EA	1-1/2" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	57.40	9.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.65*	
26 05 33 13-1640	EA	2" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	69.30	10.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	
26 05 33 13-1641	EA	2-1/2" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	111.30	12.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.69*	
26 05 33 13-1642	EA	3" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	144.14	17.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.63*	
26 05 33 13-1643	EA	3-1/2" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	158.34	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.98*	
26 05 33 13-1644	EA	4" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	192.70	26.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.60*	
26 05 33 13-1645	EA	5" x 12" Long PVC Coated, Urethane Lined, RGS, Nipple, Direct Burial	238.91	35.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.48*	

26 05 33 13-1646 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-1359)*

Note: Direct burial, tunnel or encased application.

26 05 33 13-1647 FRE SW Conduit *(26 05 33 13-1646)*

26 05 33 13-1648	LF	1/2" FRE SW Conduit	4.11	1.08
		For Work In Restricted Working Space, Add	*0.61*	
26 05 33 13-1649	LF	3/4" FRE SW Conduit	4.54	1.08
		For Work In Restricted Working Space, Add	*0.66*	
26 05 33 13-1650	LF	1" FRE SW Conduit	5.78	1.66
		For Work In Restricted Working Space, Add	*1.00*	
26 05 33 13-1651	LF	1-1/4" FRE SW Conduit	6.66	2.02
		For Work In Restricted Working Space, Add	*1.22*	
26 05 33 13-1652	LF	1-1/2" FRE SW Conduit	7.07	2.09
		For Work In Restricted Working Space, Add	*1.28*	
26 05 33 13-1653	LF	2" FRE SW Conduit	7.52	2.31
		For Work In Restricted Working Space, Add	*1.39*	
26 05 33 13-1654	LF	2-1/2" FRE SW Conduit	9.40	2.97
		For Work In Restricted Working Space, Add	*1.78*	
26 05 33 13-1655	LF	3" FRE SW Conduit	11.89	3.84
		For Work In Restricted Working Space, Add	*2.32*	
26 05 33 13-1656	LF	4" FRE SW Conduit	16.01	5.42
		For Work In Restricted Working Space, Add	*3.25*	
26 05 33 13-1657	LF	5" FRE SW Conduit	20.36	6.94
		For Work In Restricted Working Space, Add	*4.16*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1658		LF	6" FRE SW Conduit	26.70	9.33
			For Work In Restricted Working Space, Add	*5.58*	

26 05 33 13-1659 FRE SW Conduit Elbows *(26 05 33 13-1646)*

26 05 33 13-1660		EA	1/2" FRE SW Conduit Elbow	50.02	5.93
			For Work In Restricted Working Space, Add	*3.53*	
26 05 33 13-1661		EA	3/4" FRE SW Conduit Elbow	57.52	7.37
			For Work In Restricted Working Space, Add	*4.40*	
26 05 33 13-1662		EA	1" FRE SW Conduit Elbow	65.21	10.92
			For Work In Restricted Working Space, Add	*6.58*	
26 05 33 13-1663		EA	1-1/4" FRE SW Conduit Elbow	71.09	13.73
			For Work In Restricted Working Space, Add	*8.21*	
26 05 33 13-1664		EA	1-1/2" FRE SW Conduit Elbow	73.85	14.83
			For Work In Restricted Working Space, Add	*8.91*	
26 05 33 13-1665		EA	2" FRE SW Conduit Elbow	86.74	18.29
			For Work In Restricted Working Space, Add	*10.95*	
26 05 33 13-1666		EA	2-1/2" FRE SW Conduit Elbow	101.62	20.75
			For Work In Restricted Working Space, Add	*12.45*	
26 05 33 13-1667		EA	3" FRE SW Conduit Elbow	118.69	23.28
			For Work In Restricted Working Space, Add	*13.97*	
26 05 33 13-1668		EA	4" FRE SW Conduit Elbow	152.21	31.01
			For Work In Restricted Working Space, Add	*18.61*	
26 05 33 13-1669		EA	5" FRE SW Conduit Elbow	187.17	37.23
			For Work In Restricted Working Space, Add	*22.34*	
26 05 33 13-1670		EA	6" FRE SW Conduit Elbow	250.44	54.72
			For Work In Restricted Working Space, Add	*32.86*	

26 05 33 13-1671 FRE SW Conduit Double Bell Couplings *(26 05 33 13-1646)*

26 05 33 13-1672		EA	1/2" FRE SW Conduit Double Bell Coupling	27.60	5.93
			For Work In Restricted Working Space, Add	*3.53*	
26 05 33 13-1673		EA	3/4" FRE SW Conduit Double Bell Coupling	32.33	7.37
			For Work In Restricted Working Space, Add	*4.40*	
26 05 33 13-1674		EA	1" FRE SW Conduit Double Bell Coupling	39.76	10.92
			For Work In Restricted Working Space, Add	*6.58*	
26 05 33 13-1675		EA	1-1/4" FRE SW Conduit Double Bell Coupling	45.37	13.73
			For Work In Restricted Working Space, Add	*8.21*	
26 05 33 13-1676		EA	1-1/2" FRE SW Conduit Double Bell Coupling	48.06	14.83
			For Work In Restricted Working Space, Add	*8.91*	
26 05 33 13-1677		EA	2" FRE SW Conduit Double Bell Coupling	58.36	18.29
			For Work In Restricted Working Space, Add	*10.95*	
26 05 33 13-1678		EA	2-1/2" FRE SW Conduit Double Bell Coupling	67.80	20.75
			For Work In Restricted Working Space, Add	*12.45*	
26 05 33 13-1679		EA	3" FRE SW Conduit Double Bell Coupling	78.11	23.28
			For Work In Restricted Working Space, Add	*13.97*	
26 05 33 13-1680		EA	4" FRE SW Conduit Double Bell Coupling	101.48	31.01
			For Work In Restricted Working Space, Add	*18.61*	
26 05 33 13-1681		EA	5" FRE SW Conduit Double Bell Coupling	123.76	37.23
			For Work In Restricted Working Space, Add	*22.34*	
26 05 33 13-1682		EA	6" FRE SW Conduit Double Bell Coupling	171.16	54.72
			For Work In Restricted Working Space, Add	*32.86*	

26 05 33 13-1683 FRE SW Conduit Radius Double Bell Couplings *(26 05 33 13-1646)*

26 05 33 13-1684		EA	1/2" FRE SW Conduit Radius Double Bell Coupling	19.62	5.35
			For Work In Restricted Working Space, Add	*3.20*	
26 05 33 13-1685		EA	3/4" FRE SW Conduit Radius Double Bell Coupling	23.12	6.58
			For Work In Restricted Working Space, Add	*3.96*	
26 05 33 13-1686		EA	1" FRE SW Conduit Radius Double Bell Coupling	24.71	7.37
			For Work In Restricted Working Space, Add	*4.40*	
26 05 33 13-1687		EA	1-1/4" FRE SW Conduit Radius Double Bell Coupling	26.50	8.17
			For Work In Restricted Working Space, Add	*4.91*	
26 05 33 13-1688		EA	1-1/2" FRE SW Conduit Radius Double Bell Coupling	27.66	8.67
			For Work In Restricted Working Space, Add	*5.22*	
26 05 33 13-1689		EA	2" FRE SW Conduit Radius Double Bell Coupling	28.74	9.26
			For Work In Restricted Working Space, Add	*5.53*	
26 05 33 13-1690		EA	2-1/2" FRE SW Conduit Radius Double Bell Coupling	32.94	10.27
			For Work In Restricted Working Space, Add	*6.17*	
26 05 33 13-1691		EA	3" FRE SW Conduit Radius Double Bell Coupling	36.77	10.92
			For Work In Restricted Working Space, Add	*6.58*	
26 05 33 13-1692		EA	4" FRE SW Conduit Radius Double Bell Coupling	48.10	14.75
			For Work In Restricted Working Space, Add	*8.86*	
26 05 33 13-1693		EA	5" FRE SW Conduit Radius Double Bell Coupling	59.72	18.29
			For Work In Restricted Working Space, Add	*10.95*	
26 05 33 13-1694		EA	6" FRE SW Conduit Radius Double Bell Coupling	73.34	22.12
			For Work In Restricted Working Space, Add	*13.30*	

26 05 33 13-1695 FRE SW Conduit Sleeve Couplings *(26 05 33 13-1646)*

26 05 33 13-1696		EA	1/2" FRE SW Conduit Sleeve Coupling	22.86	5.93
			For Work In Restricted Working Space, Add	*3.53*	
26 05 33 13-1697		EA	3/4" FRE SW Conduit Sleeve Coupling	27.02	7.37
			For Work In Restricted Working Space, Add	*4.40*	
26 05 33 13-1698		EA	1" FRE SW Conduit Sleeve Coupling	34.41	10.92
			For Work In Restricted Working Space, Add	*6.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1699	EA	1-1/4" FRE SW Conduit Sleeve Coupling	39.93	13.73
		For Work In Restricted Working Space, Add	*8.21*	
26 05 33 13-1700	EA	1-1/2" FRE SW Conduit Sleeve Coupling	42.55	14.83
		For Work In Restricted Working Space, Add	*8.91*	
26 05 33 13-1701	EA	2" FRE SW Conduit Sleeve Coupling	51.80	18.29
		For Work In Restricted Working Space, Add	*10.95*	
26 05 33 13-1702	EA	2-1/2" FRE SW Conduit Sleeve Coupling	59.85	20.75
		For Work In Restricted Working Space, Add	*12.45*	
26 05 33 13-1703	EA	3" FRE SW Conduit Sleeve Coupling	68.56	23.28
		For Work In Restricted Working Space, Add	*13.96*	
26 05 33 13-1704	EA	4" FRE SW Conduit Sleeve Coupling	89.57	31.01
		For Work In Restricted Working Space, Add	*18.62*	
26 05 33 13-1705	EA	5" FRE SW Conduit Sleeve Coupling	108.84	37.23
		For Work In Restricted Working Space, Add	*22.34*	
26 05 33 13-1706	EA	6" FRE SW Conduit Sleeve Coupling	152.54	54.72
		For Work In Restricted Working Space, Add	*32.86*	

26 05 33 13-1707 FRE SW Conduit Expansion Joints *(26 05 33 13-1646)*

26 05 33 13-1708	EA	1/2" FRE SW Conduit Expansion Joint	24.00	5.93
		For Work In Restricted Working Space, Add	*3.53*	
26 05 33 13-1709	EA	3/4" FRE SW Conduit Expansion Joint	28.26	7.37
		For Work In Restricted Working Space, Add	*4.40*	
26 05 33 13-1710	EA	1" FRE SW Conduit Expansion Joint	35.66	10.92
		For Work In Restricted Working Space, Add	*6.58*	
26 05 33 13-1711	EA	1-1/4" FRE SW Conduit Expansion Joint	41.21	13.73
		For Work In Restricted Working Space, Add	*8.21*	
26 05 33 13-1712	EA	1-1/2" FRE SW Conduit Expansion Joint	43.85	14.83
		For Work In Restricted Working Space, Add	*8.91*	
26 05 33 13-1713	EA	2" FRE SW Conduit Expansion Joint	53.33	18.29
		For Work In Restricted Working Space, Add	*10.95*	
26 05 33 13-1714	EA	2-1/2" FRE SW Conduit Expansion Joint	61.70	20.75
		For Work In Restricted Working Space, Add	*12.45*	
26 05 33 13-1715	EA	3" FRE SW Conduit Expansion Joint	70.79	23.28
		For Work In Restricted Working Space, Add	*13.97*	
26 05 33 13-1716	EA	4" FRE SW Conduit Expansion Joint	92.35	31.01
		For Work In Restricted Working Space, Add	*18.62*	
26 05 33 13-1717	EA	5" FRE SW Conduit Expansion Joint	112.33	37.23
		For Work In Restricted Working Space, Add	*22.34*	
26 05 33 13-1718	EA	6" FRE SW Conduit Expansion Joint	156.83	54.72
		For Work In Restricted Working Space, Add	*32.85*	

26 05 33 13-1719 FRE SW Conduit O-Ring Expansion Joints *(26 05 33 13-1646)*

26 05 33 13-1720	EA	1/2" FRE SW Conduit O-Ring Expansion Joint	28.97	5.93
		For Work In Restricted Working Space, Add	*3.53*	
26 05 33 13-1721	EA	3/4" FRE SW Conduit O-Ring Expansion Joint	33.83	7.37
		For Work In Restricted Working Space, Add	*4.40*	
26 05 33 13-1722	EA	1" FRE SW Conduit O-Ring Expansion Joint	41.26	10.92
		For Work In Restricted Working Space, Add	*6.58*	
26 05 33 13-1723	EA	1-1/4" FRE SW Conduit O-Ring Expansion Joint	46.86	13.73
		For Work In Restricted Working Space, Add	*8.21*	
26 05 33 13-1724	EA	1-1/2" FRE SW Conduit O-Ring Expansion Joint	49.56	14.83
		For Work In Restricted Working Space, Add	*8.91*	
26 05 33 13-1725	EA	2" FRE SW Conduit O-Ring Expansion Joint	59.87	18.29
		For Work In Restricted Working Space, Add	*10.95*	
26 05 33 13-1726	EA	2-1/2" FRE SW Conduit O-Ring Expansion Joint	69.53	20.75
		For Work In Restricted Working Space, Add	*12.45*	
26 05 33 13-1727	EA	3" FRE SW Conduit O-Ring Expansion Joint	80.19	23.28
		For Work In Restricted Working Space, Add	*13.97*	
26 05 33 13-1728	EA	4" FRE SW Conduit O-Ring Expansion Joint	104.08	31.01
		For Work In Restricted Working Space, Add	*18.61*	
26 05 33 13-1729	EA	5" FRE SW Conduit O-Ring Expansion Joint	127.06	37.23
		For Work In Restricted Working Space, Add	*22.34*	
26 05 33 13-1730	EA	6" FRE SW Conduit O-Ring Expansion Joint	175.30	54.72
		For Work In Restricted Working Space, Add	*32.86*	

26 05 33 13-1731 FRE SW Conduit Adapters *(26 05 33 13-1646)*

26 05 33 13-1732	EA	1/2" FRE SW Conduit Adapter	51.63	5.35
		For Work In Restricted Working Space, Add	*3.20*	
26 05 33 13-1733	EA	3/4" FRE SW Conduit Adapter	58.69	6.58
		For Work In Restricted Working Space, Add	*3.96*	
26 05 33 13-1734	EA	1" FRE SW Conduit Adapter	61.56	7.37
		For Work In Restricted Working Space, Add	*4.40*	
26 05 33 13-1735	EA	1-1/4" FRE SW Conduit Adapter	64.70	8.17
		For Work In Restricted Working Space, Add	*4.91*	
26 05 33 13-1736	EA	1-1/2" FRE SW Conduit Adapter	66.52	8.67
		For Work In Restricted Working Space, Add	*5.23*	
26 05 33 13-1737	EA	2" FRE SW Conduit Adapter	72.22	9.26
		For Work In Restricted Working Space, Add	*5.53*	
26 05 33 13-1738	EA	2-1/2" FRE SW Conduit Adapter	85.11	10.27
		For Work In Restricted Working Space, Add	*6.17*	
26 05 33 13-1739	EA	3" FRE SW Conduit Adapter	99.32	10.92
		For Work In Restricted Working Space, Add	*6.58*	
26 05 33 13-1740	EA	4" FRE SW Conduit Adapter	126.30	14.75
		For Work In Restricted Working Space, Add	*8.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1741	EA	5" FRE SW Conduit Adapter	157.50	18.29
		For Work In Restricted Working Space, Add	*10.95*	
26 05 33 13-1742	EA	6" FRE SW Conduit Adapter	194.64	22.12
		For Work In Restricted Working Space, Add	*13.30*	

26 05 33 13-1743 FRE SW Conduit O-Ring Expansion/Deflection Joints *(26 05 33 13-1646)*

26 05 33 13-1744	EA	1/2" FRE SW Conduit O-Ring Expansion/Deflection Joint	31.21	2.67
		For Work In Restricted Working Space, Add	*1.60*	
26 05 33 13-1745	EA	3/4" FRE SW Conduit O-Ring Expansion/Deflection Joint	34.89	3.11
		For Work In Restricted Working Space, Add	*1.84*	
26 05 33 13-1746	EA	1" FRE SW Conduit O-Ring Expansion/Deflection Joint	42.85	3.69
		For Work In Restricted Working Space, Add	*2.20*	
26 05 33 13-1747	EA	1-1/4" FRE SW Conduit O-Ring Expansion/Deflection Joint	56.00	4.05
		For Work In Restricted Working Space, Add	*2.43*	
26 05 33 13-1748	EA	1-1/2" FRE SW Conduit O-Ring Expansion/Deflection Joint	74.67	4.48
		For Work In Restricted Working Space, Add	*2.71*	
26 05 33 13-1749	EA	2" FRE SW Conduit O-Ring Expansion/Deflection Joint	107.58	5.13
		For Work In Restricted Working Space, Add	*3.09*	
26 05 33 13-1750	EA	2-1/2" FRE SW Conduit O-Ring Expansion/Deflection Joint	164.53	5.71
		For Work In Restricted Working Space, Add	*3.43*	
26 05 33 13-1751	EA	3" FRE SW Conduit O-Ring Expansion/Deflection Joint	203.03	6.58
		For Work In Restricted Working Space, Add	*3.96*	
26 05 33 13-1752	EA	4" FRE SW Conduit O-Ring Expansion/Deflection Joint	291.77	7.37
		For Work In Restricted Working Space, Add	*4.40*	
26 05 33 13-1753	EA	5" FRE SW Conduit O-Ring Expansion/Deflection Joint	345.35	8.09
		For Work In Restricted Working Space, Add	*4.86*	
26 05 33 13-1754	EA	6" FRE SW Conduit O-Ring Expansion/Deflection Joint	576.38	8.75
		For Work In Restricted Working Space, Add	*5.27*	

26 05 33 13-1755 FRE SW Type LB, LR Or LL Two Hub Conduit Bodies And Cover *(26 05 33 13-1646)*

26 05 33 13-1756	EA	1/2" FRE SW Type LB, LR Or LL Two Hub Conduit Body And Cover	34.47	5.78
		For Work In Restricted Working Space, Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 33 13-1757	EA	3/4" FRE SW Type LB, LR Or LL Two Hub Conduit Body And Cover	41.77	7.23
		For Work In Restricted Working Space, Add	*4.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.34*	
26 05 33 13-1758	EA	1" FRE SW Type LB, LR Or LL Two Hub Conduit Body And Cover	63.33	10.85
		For Work In Restricted Working Space, Add	*6.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.51*	
26 05 33 13-1759	EA	1-1/4" FRE SW Type LB, LR Or LL Two Hub Conduit Body And Cover	78.92	13.73
		For Work In Restricted Working Space, Add	*8.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.24*	
26 05 33 13-1760	EA	1-1/2" FRE SW Type LB, LR Or LL Two Hub Conduit Body And Cover	95.78	14.83
		For Work In Restricted Working Space, Add	*8.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-1761	EA	2" FRE SW Type LB, LR Or LL Two Hub Conduit Body And Cover	134.85	18.43
		For Work In Restricted Working Space, Add	*11.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.06*	
26 05 33 13-1762	EA	2-1/2" FRE SW Type LB, LR Or LL Two Hub Conduit Body And Cover	224.93	20.61
		For Work In Restricted Working Space, Add	*12.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.36*	
26 05 33 13-1763	EA	3" FRE SW Type LB, LR Or LL Two Hub Conduit Body And Cover	291.23	23.14
		For Work In Restricted Working Space, Add	*13.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.88*	
26 05 33 13-1764	EA	4" FRE SW Type LB, LR Or LL Two Hub Conduit Body And Cover	411.24	31.08
		For Work In Restricted Working Space, Add	*18.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.65*	
26 05 33 13-1765	EA	5" FRE SW Type LB, LR Or LL Two Hub Conduit Body And Cover	490.90	37.23
		For Work In Restricted Working Space, Add	*22.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.34*	
26 05 33 13-1766	EA	6" FRE SW Type LB, LR Or LL Two Hub Conduit Body And Cover	584.51	54.94
		For Work In Restricted Working Space, Add	*32.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.97*	

26 05 33 13-1767 Spacers *(26 05 33 13-1359)*

Note: For concrete encasement applications. See CSI section 03 31 13 00-0036 for concrete., 26 05 33 13-1359 for conduit.

26 05 33 13-1768	EA	1" Base Spacers, Average 4" Wide, Direct Burial	7.11
26 05 33 13-1769	EA	1" Intermediate Spacers, Average 4" Wide, Direct Burial	8.04
26 05 33 13-1770	EA	1-1/4" Base Spacer, Average 4" Wide, Direct Burial	8.90
26 05 33 13-1771	EA	1-1/4" Intermediate Spacers, Average 4" Wide, Direct Burial	9.60
26 05 33 13-1772	EA	1-1/2" Base Spacer, Average 4" Wide, Direct Burial	8.96
26 05 33 13-1773	EA	1-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	9.64
26 05 33 13-1774	EA	2" Base Spacer, Average 4" Wide, Direct Burial	11.18
26 05 33 13-1775	EA	2" Intermediate Spacers, Average 4" Wide, Direct Burial	10.37
26 05 33 13-1776	EA	2-1/2" Base Spacer, Average 4" Wide, Direct Burial	12.36
26 05 33 13-1777	EA	2-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	11.94
26 05 33 13-1778	EA	3" Base Spacer, Average 4" Wide, Direct Burial	14.17
26 05 33 13-1779	EA	3" Intermediate Spacers, Average 4" Wide, Direct Burial	13.51
26 05 33 13-1780	EA	3-1/2" Base Spacer, Average 4" Wide, Direct Burial	15.35
26 05 33 13-1781	EA	3-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	14.66
26 05 33 13-1782	EA	4" Base Spacer, Average 4" Wide, Direct Burial	15.81
26 05 33 13-1783	EA	4" Intermediate Spacers, Average 4" Wide, Direct Burial	15.08
26 05 33 13-1784	EA	5" Base Spacer, Average 4" Wide, Direct Burial	17.48
26 05 33 13-1785	EA	5" Intermediate Spacers, Average 4" Wide, Direct Burial	16.62

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1786	EA	6" Base Spacer, Average 4" Wide, Direct Burial	19.56	
26 05 33 13-1787	EA	6" Intermediate Spacers, Average 4" Wide, Direct Burial	18.85	
26 05 33 13-1788		Conduit Field Bending *(26 05 33 13-0040)*		
26 05 33 13-1789		Metallic Conduit Field Bending *(26 05 33 13-1788)*		
		Note: For EMT, RGS, IMC and aluminum conduits.		
26 05 33 13-1790	EA	1-1/4" Metallic Conduit Field Bending	12.73	
26 05 33 13-1791	EA	1-1/2" Metallic Conduit Field Bending	16.97	
26 05 33 13-1792	EA	2" Metallic Conduit Field Bending	21.22	
26 05 33 13-1793	EA	2-1/2" Metallic Conduit Field Bending	29.70	
26 05 33 13-1794	EA	3" Metallic Conduit Field Bending	38.19	
26 05 33 13-1795	EA	3-1/2" Metallic Conduit Field Bending	46.68	
26 05 33 13-1796	EA	4" Metallic Conduit Field Bending	55.17	
26 05 33 13-1797	EA	5" Metallic Conduit Field Bending	67.90	
26 05 33 13-1798	EA	6" Metallic Conduit Field Bending	80.63	
26 05 33 13-1799		Plastic Conduit Field Bending *(26 05 33 13-1788)*		
		Note: For PVC conduits.		
26 05 33 13-1800	EA	1" Plastic Conduit Field Bending	19.52	
26 05 33 13-1801	EA	1-1/4" Plastic Conduit Field Bending	21.22	
26 05 33 13-1802	EA	1-1/2" Plastic Conduit Field Bending	25.46	
26 05 33 13-1803	EA	2" Plastic Conduit Field Bending	33.95	
26 05 33 13-1804	EA	2-1/2" Plastic Conduit Field Bending	42.43	
26 05 33 13-1805	EA	3" Plastic Conduit Field Bending	50.92	
26 05 33 13-1806	EA	3-1/2" Plastic Conduit Field Bending	59.41	
26 05 33 13-1807	EA	4" Plastic Conduit Field Bending	67.90	
26 05 33 13-1808	EA	5" Plastic Conduit Field Bending	76.38	
26 05 33 13-1809	EA	6" Plastic Conduit Field Bending	84.87	
26 05 33 13-1810		Cut And Thread Existing In-Place Threaded Conduit *(26 05 33 13-0040)*		
		Note: For use when connecting conduit to an existing in-place system.		
26 05 33 13-1811	EA	1/2", Cut And Thread Existing In-Place Threaded Conduit	24.78	
		For Work In Restricted Working Space, Add	*7.43*	
26 05 33 13-1812	EA	3/4", Cut And Thread Existing In-Place Threaded Conduit	27.26	
		For Work In Restricted Working Space, Add	*8.18*	
26 05 33 13-1813	EA	1", Cut And Thread Existing In-Place Threaded Conduit	29.73	
		For Work In Restricted Working Space, Add	*8.92*	
26 05 33 13-1814	EA	1-1/4", Cut And Thread Existing In-Place Threaded Conduit	32.21	
		For Work In Restricted Working Space, Add	*9.66*	
26 05 33 13-1815	EA	1-1/2", Cut And Thread Existing In-Place Threaded Conduit	33.86	
		For Work In Restricted Working Space, Add	*10.16*	
26 05 33 13-1816	EA	2", Cut And Thread Existing In-Place Threaded Conduit	35.51	
		For Work In Restricted Working Space, Add	*10.65*	
26 05 33 13-1817	EA	2-1/2", Cut And Thread Existing In-Place Threaded Conduit	37.17	
		For Work In Restricted Working Space, Add	*11.15*	
26 05 33 13-1818	EA	3", Cut And Thread Existing In-Place Threaded Conduit	38.81	
		For Work In Restricted Working Space, Add	*11.64*	
26 05 33 13-1819	EA	3-1/2", Cut And Thread Existing In-Place Threaded Conduit	39.63	
		For Work In Restricted Working Space, Add	*11.89*	
26 05 33 13-1820	EA	4", Cut And Thread Existing In-Place Threaded Conduit	40.47	
		For Work In Restricted Working Space, Add	*12.14*	
26 05 33 13-1821	EA	5", Cut And Thread Existing In-Place Threaded Conduit	42.11	
		For Work In Restricted Working Space, Add	*12.63*	
26 05 33 13-1822	EA	6", Cut And Thread Existing In-Place Threaded Conduit	43.77	
		For Work In Restricted Working Space, Add	*13.13*	
26 05 33 13-1823		Flexible Conduit *(26 05 33 13-0040)*		
26 05 33 13-1824		Liquid Tight Flexible Conduit And Connectors *(26 05 33 13-1823)*		
		Note: Steel inner core with PVC cover.		
26 05 33 13-1825		Liquid Tight Flexible Conduit *(26 05 33 13-1824)*		
26 05 33 13-1826	LF	3/8" Liquid Tight Flex Conduit	2.79	0.90
		For Work In Restricted Working Space, Add	*0.68*	
		For Installation In Concrete (Excludes Concrete), Add	*0.34*	
26 05 33 13-1827	LF	1/2" Liquid Tight Flex Conduit	2.87	0.90
		For Work In Restricted Working Space, Add	*0.68*	
		For Installation In Concrete (Excludes Concrete), Add	*0.34*	
26 05 33 13-1828	LF	3/4" Liquid Tight Flex Conduit	3.83	1.20
		For Work In Restricted Working Space, Add	*0.91*	
		For Installation In Concrete (Excludes Concrete), Add	*0.45*	
26 05 33 13-1829	LF	1" Liquid Tight Flex Conduit	4.24	1.20
		For Work In Restricted Working Space, Add	*0.91*	
		For Installation In Concrete (Excludes Concrete), Add	*0.45*	
26 05 33 13-1830	LF	1-1/4" Liquid Tight Flex Conduit	5.44	1.50
		For Work In Restricted Working Space, Add	*1.13*	
		For Installation In Concrete (Excludes Concrete), Add	*0.57*	
26 05 33 13-1831	LF	1-1/2" Liquid Tight Flex Conduit	6.86	1.80
		For Work In Restricted Working Space, Add	*1.36*	
		For Installation In Concrete (Excludes Concrete), Add	*0.68*	
26 05 33 13-1832	LF	2" Liquid Tight Flex Conduit	9.06	2.42
		For Work In Restricted Working Space, Add	*1.81*	
		For Installation In Concrete (Excludes Concrete), Add	*0.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1833	LF	2-1/2" Liquid Tight Flex Conduit	11.80	2.72
		For Work In Restricted Working Space, Add	*2.04*	
		For Installation In Concrete (Excludes Concrete), Add	*1.02*	
26 05 33 13-1834	LF	3" Liquid Tight Flex Conduit	16.71	3.32
		For Work In Restricted Working Space, Add	*2.49*	
		For Installation In Concrete (Excludes Concrete), Add	*1.24*	
26 05 33 13-1835	LF	4" Liquid Tight Flex Conduit	22.57	4.22
		For Work In Restricted Working Space, Add	*3.17*	
		For Installation In Concrete (Excludes Concrete), Add	*1.58*	

26 05 33 13-1836 Straight Connector *(26 05 33 13-1824)*

26 05 33 13-1837	EA	3/8" Straight Liquid Tight Connector	7.51	2.42
		For Work In Restricted Working Space, Add	*1.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.81*	
26 05 33 13-1838	EA	1/2" Straight Liquid Tight Connector	7.51	2.42
		For Work In Restricted Working Space, Add	*1.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.81*	
26 05 33 13-1839	EA	3/4" Straight Liquid Tight Connector	8.92	2.72
		For Work In Restricted Working Space, Add	*2.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.04*	
26 05 33 13-1840	EA	1" Straight Liquid Tight Connector	11.34	3.02
		For Work In Restricted Working Space, Add	*2.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.26*	
26 05 33 13-1841	EA	1-1/4" Straight Liquid Tight Connector	14.03	3.32
		For Work In Restricted Working Space, Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.49*	
26 05 33 13-1842	EA	1-1/2" Straight Liquid Tight Connector	17.23	3.62
		For Work In Restricted Working Space, Add	*2.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 05 33 13-1843	EA	2" Straight Liquid Tight Connector	23.03	4.22
		For Work In Restricted Working Space, Add	*3.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.17*	
26 05 33 13-1844	EA	2-1/2" Straight Liquid Tight Connector	70.22	5.42
		For Work In Restricted Working Space, Add	*4.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.07*	
26 05 33 13-1845	EA	3" Straight Liquid Tight Connector	89.34	5.72
		For Work In Restricted Working Space, Add	*4.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-1846	EA	4" Straight Liquid Tight Connector	110.69	8.44
		For Work In Restricted Working Space, Add	*6.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.33*	

26 05 33 13-1847 90 Degree Angle Connector *(26 05 33 13-1824)*

26 05 33 13-1848	EA	3/8" 90 Degree Angle Liquid Tight Connector	10.77	3.32
		For Work In Restricted Working Space, Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.49*	
26 05 33 13-1849	EA	1/2" 90 Degree Angle Liquid Tight Connector	11.09	3.32
		For Work In Restricted Working Space, Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.49*	
26 05 33 13-1850	EA	3/4" 90 Degree Angle Liquid Tight Connector	12.41	3.62
		For Work In Restricted Working Space, Add	*2.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 05 33 13-1851	EA	1" 90 Degree Angle Liquid Tight Connector	16.67	4.22
		For Work In Restricted Working Space, Add	*3.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.17*	
26 05 33 13-1852	EA	1-1/4" 90 Degree Angle Liquid Tight Connector	20.27	4.52
		For Work In Restricted Working Space, Add	*3.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-1853	EA	1-1/2" 90 Degree Angle Liquid Tight Connector	23.96	4.82
		For Work In Restricted Working Space, Add	*3.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.62*	
26 05 33 13-1854	EA	2" 90 Degree Angle Liquid Tight Connector	30.79	5.42
		For Work In Restricted Working Space, Add	*4.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.07*	
26 05 33 13-1855	EA	2-1/2" 90 Degree Angle Liquid Tight Connector	96.35	5.72
		For Work In Restricted Working Space, Add	*4.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-1856	EA	3" 90 Degree Angle Liquid Tight Connector	113.72	6.64
		For Work In Restricted Working Space, Add	*4.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-1857	EA	4" 90 Degree Angle Liquid Tight Connector	158.61	10.55
		For Work In Restricted Working Space, Add	*7.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.91*	

26 05 33 13-1858 45 Degree Angle Connector *(26 05 33 13-1824)*

26 05 33 13-1859	EA	3/8" 45 Degree Angle Liquid Tight Connector	10.66	3.32
		For Work In Restricted Working Space, Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.49*	
26 05 33 13-1860	EA	1/2" 45 Degree Angle Liquid Tight Connector	10.74	3.32
		For Work In Restricted Working Space, Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.49*	
26 05 33 13-1861	EA	3/4" 45 Degree Angle Liquid Tight Connector	12.41	3.62
		For Work In Restricted Working Space, Add	*2.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1862	EA	1" 45 Degree Angle Liquid Tight Connector	17.55	4.22
		For Work In Restricted Working Space, Add	*3.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.17*	
26 05 33 13-1863	EA	1-1/4" 45 Degree Angle Liquid Tight Connector	19.70	4.52
		For Work In Restricted Working Space, Add	*3.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-1864	EA	1-1/2" 45 Degree Angle Liquid Tight Connector	21.84	4.82
		For Work In Restricted Working Space, Add	*3.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.62*	
26 05 33 13-1865		Flexible Metallic Conduit And Connectors *(26 05 33 13-1823)*		
26 05 33 13-1866		Flexible Steel Conduit *(26 05 33 13-1865)*		
26 05 33 13-1867	LF	3/8" Flexible Metallic Conduit	2.96	0.99
		For Work In Restricted Working Space, Add	*0.73*	
		For Installation In Metal Stud Wall, Add	*0.24*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.61*	
		For Flexible Aluminum Conduit, Add	*0.09*	
		For Installation In Concrete (Excludes Concrete), Add	*0.36*	
26 05 33 13-1868	LF	1/2" Flexible Metallic Conduit	3.07	0.99
		For Work In Restricted Working Space, Add	*0.74*	
		For Installation In Metal Stud Wall, Add	*0.25*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.62*	
		For Flexible Aluminum Conduit, Add	*0.10*	
		For Installation In Concrete (Excludes Concrete), Add	*0.37*	
26 05 33 13-1869	LF	3/4" Flexible Metallic Conduit	3.49	1.32
		For Work In Restricted Working Space, Add	*0.80*	
		For Installation In Metal Stud Wall, Add	*0.27*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.67*	
		For Flexible Aluminum Conduit, Add	*0.13*	
		For Installation In Concrete (Excludes Concrete), Add	*0.40*	
26 05 33 13-1870	LF	1" Flexible Metallic Conduit	4.40	1.32
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation In Metal Stud Wall, Add	*0.29*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.72*	
		For Flexible Aluminum Conduit, Add	*0.25*	
		For Installation In Concrete (Excludes Concrete), Add	*0.43*	
26 05 33 13-1871	LF	1-1/4" Flexible Metallic Conduit	5.01	1.65
		For Work In Restricted Working Space, Add	*0.92*	
		For Installation In Metal Stud Wall, Add	*0.31*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.76*	
		For Flexible Aluminum Conduit, Add	*0.32*	
		For Installation In Concrete (Excludes Concrete), Add	*0.46*	
26 05 33 13-1872	LF	1-1/2" Flexible Metallic Conduit	6.62	1.97
		For Work In Restricted Working Space, Add	*0.95*	
		For Installation In Metal Stud Wall, Add	*0.32*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.80*	
		For Flexible Aluminum Conduit, Add	*0.57*	
		For Installation In Concrete (Excludes Concrete), Add	*0.48*	
26 05 33 13-1873	LF	2" Flexible Metallic Conduit	7.52	2.64
		For Work In Restricted Working Space, Add	*0.99*	
		For Installation In Metal Stud Wall, Add	*0.33*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.83*	
		For Flexible Aluminum Conduit, Add	*0.70*	
		For Installation In Concrete (Excludes Concrete), Add	*0.50*	
26 05 33 13-1874	LF	2-1/2" Flexible Steel Conduit	9.23	2.97
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation In Metal Stud Wall, Add	*0.41*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.03*	
		For Flexible Aluminum Conduit, Add	*0.84*	
		For Installation In Concrete (Excludes Concrete), Add	*0.62*	
26 05 33 13-1875	LF	3" Flexible Metallic Conduit	13.82	3.63
		For Work In Restricted Working Space, Add	*1.49*	
		For Installation In Metal Stud Wall, Add	*0.50*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.24*	
		For Flexible Aluminum Conduit, Add	*1.46*	
		For Installation In Concrete (Excludes Concrete), Add	*0.74*	
26 05 33 13-1876	LF	3-1/2" Flexible Metallic Conduit	16.95	3.96
		For Work In Restricted Working Space, Add	*1.73*	
		For Installation In Metal Stud Wall, Add	*0.58*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.44*	
		For Flexible Aluminum Conduit, Add	*1.84*	
		For Installation In Concrete (Excludes Concrete), Add	*0.87*	
26 05 33 13-1877	LF	4" Flexible Metallic Conduit	19.49	4.62
		For Work In Restricted Working Space, Add	*1.98*	
		For Installation In Metal Stud Wall, Add	*0.66*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.65*	
		For Flexible Aluminum Conduit, Add	*2.13*	
		For Installation In Concrete (Excludes Concrete), Add	*0.99*	
26 05 33 13-1878		Plain Squeeze Type Straight Connector *(26 05 33 13-1865)*		
26 05 33 13-1879	EA	3/8" Flexible Straight Connectors, Plain	5.07	2.64
		For Work In Restricted Working Space, Add	*1.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.11*	
26 05 33 13-1880	EA	1/2" Flexible Straight Connectors, Plain	6.28	2.97
		For Work In Restricted Working Space, Add	*1.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.24*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1881	EA	3/4" Flexible Straight Connectors, Plain	7.23	3.63
		For Work In Restricted Working Space, Add	*1.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.49*	
26 05 33 13-1882	EA	1" Flexible Straight Connectors, Plain	11.59	3.96
		For Work In Restricted Working Space, Add	*1.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.98*	
26 05 33 13-1883	EA	1-1/4" Flexible Straight Connectors, Plain	16.43	4.62
		For Work In Restricted Working Space, Add	*2.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 05 33 13-1884	EA	1-1/2" Flexible Straight Connectors, Plain	21.66	5.60
		For Work In Restricted Working Space, Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.09*	
26 05 33 13-1885	EA	2" Flexible Straight Connectors, Plain	28.52	5.60
		For Work In Restricted Working Space, Add	*3.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-1886	EA	2-1/2" Flexible Straight Connectors, Plain	46.16	6.93
		For Work In Restricted Working Space, Add	*4.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 05 33 13-1887	EA	3" Flexible Straight Connectors, Plain	60.48	7.59
		For Work In Restricted Working Space, Add	*4.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 33 13-1888	EA	3-1/2" Flexible Straight Connectors, Plain	188.68	8.90
		For Work In Restricted Working Space, Add	*5.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.57*	
26 05 33 13-1889	EA	4" Flexible Straight Connectors, Plain	235.84	10.88
		For Work In Restricted Working Space, Add	*6.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	

26 05 33 13-1890 Insulated Throat Squeeze Type Straight Connector *(26 05 33 13-1865)*

26 05 33 13-1891	EA	1/2" Flexible Straight Connectors, Insulated	7.02	2.97
		For Work In Restricted Working Space, Add	*1.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.24*	
26 05 33 13-1892	EA	3/4" Flexible Straight Connectors, Insulated	8.20	3.63
		For Work In Restricted Working Space, Add	*1.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.49*	
26 05 33 13-1893	EA	1" Flexible Straight Connectors, Insulated	12.91	3.96
		For Work In Restricted Working Space, Add	*1.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.98*	
26 05 33 13-1894	EA	1-1/4" Flexible Straight Connectors, Insulated	18.87	4.62
		For Work In Restricted Working Space, Add	*2.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 05 33 13-1895	EA	1-1/2" Flexible Straight Connectors, Insulated	26.00	4.95
		For Work In Restricted Working Space, Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.09*	
26 05 33 13-1896	EA	2" Flexible Straight Connectors, Insulated	36.19	5.60
		For Work In Restricted Working Space, Add	*3.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-1897	EA	2-1/2" Flexible Straight Connectors, Insulated	62.56	6.93
		For Work In Restricted Working Space, Add	*4.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 05 33 13-1898	EA	3" Flexible Straight Connectors, Insulated	79.82	7.59
		For Work In Restricted Working Space, Add	*4.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 33 13-1899	EA	3-1/2" Flexible Straight Connectors, Insulated	218.49	8.90
		For Work In Restricted Working Space, Add	*5.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.57*	
26 05 33 13-1900	EA	4" Flexible Straight Connectors, Insulated	280.66	10.88
		For Work In Restricted Working Space, Add	*6.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	

26 05 33 13-1901 Plain Squeeze Type 90 Degree Connector *(26 05 33 13-1865)*

26 05 33 13-1902	EA	3/8" Flexible 90 Degree Connector, Plain	7.13	3.30
		For Work In Restricted Working Space, Add	*1.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.49*	
26 05 33 13-1903	EA	1/2" Flexible 90 Degree Connector, Plain	9.42	3.63
		For Work In Restricted Working Space, Add	*1.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 33 13-1904	EA	3/4" Flexible 90 Degree Connector, Plain	12.30	3.96
		For Work In Restricted Working Space, Add	*1.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.98*	
26 05 33 13-1905	EA	1" Flexible 90 Degree Connector, Plain	17.27	4.62
		For Work In Restricted Working Space, Add	*2.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 05 33 13-1906	EA	1-1/4" Flexible 90 Degree Connector, Plain	27.01	4.95
		For Work In Restricted Working Space, Add	*2.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.97*	
26 05 33 13-1907	EA	1-1/2" Flexible 90 Degree Connector, Plain	42.29	5.77
		For Work In Restricted Working Space, Add	*3.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-1908	EA	2" Flexible 90 Degree Connector, Plain	51.01	7.09
		For Work In Restricted Working Space, Add	*4.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.20*	
26 05 33 13-1909	EA	2-1/2" Flexible 90 Degree Connector, Plain	112.93	7.59
		For Work In Restricted Working Space, Add	*4.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1910	EA	3" Flexible 90 Degree Connector, Plain	145.16	8.90
		For Work In Restricted Working Space, Add	*5.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.57*	
26 05 33 13-1911	EA	3-1/2" Flexible 90 Degree Connector, Plain	308.53	10.88
		For Work In Restricted Working Space, Add	*6.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-1912	EA	4" Flexible 90 Degree Connector, Plain	551.59	12.37
		For Work In Restricted Working Space, Add	*7.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	

26 05 33 13-1913 Insulated Throat Squeeze Type 90 Degree Connector *(26 05 33 13-1865)*

26 05 33 13-1914	EA	1/2" Flexible 90 Degree Connector, Insulated	10.45	3.63
		For Work In Restricted Working Space, Add	*1.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 33 13-1915	EA	3/4" Flexible 90 Degree Connector, Insulated	13.58	3.96
		For Work In Restricted Working Space, Add	*1.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.98*	
26 05 33 13-1916	EA	1" Flexible 90 Degree Connector, Insulated	17.27	4.62
		For Work In Restricted Working Space, Add	*2.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 05 33 13-1917	EA	1-1/4" Flexible 90 Degree Connector, Insulated	31.53	4.95
		For Work In Restricted Working Space, Add	*2.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.97*	
26 05 33 13-1918	EA	1-1/2" Flexible 90 Degree Connector, Insulated	50.51	5.77
		For Work In Restricted Working Space, Add	*3.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-1919	EA	2" Flexible 90 Degree Connector, Insulated	64.37	7.09
		For Work In Restricted Working Space, Add	*4.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.20*	
26 05 33 13-1920	EA	2-1/2" Flexible 90 Degree Connector, Insulated	154.70	7.59
		For Work In Restricted Working Space, Add	*4.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 33 13-1921	EA	3" Flexible 90 Degree Connector, Insulated	190.41	8.90
		For Work In Restricted Working Space, Add	*5.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.57*	
26 05 33 13-1922	EA	3-1/2" Flexible 90 Degree Connector, Insulated	513.62	10.88
		For Work In Restricted Working Space, Add	*6.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-1923	EA	4" Flexible 90 Degree Connector, Insulated	766.41	12.37
		For Work In Restricted Working Space, Add	*7.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	

26 05 33 13-1924 Plain Squeeze Type 45 Degree Connector *(26 05 33 13-1865)*

26 05 33 13-1925	EA	3/8" Flexible 45 Degree Connector, Plain	7.96	3.30
		For Work In Restricted Working Space, Add	*1.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.49*	
26 05 33 13-1926	EA	1/2" Flexible 45 Degree Connector, Plain	10.75	3.63
		For Work In Restricted Working Space, Add	*1.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 33 13-1927	EA	3/4" Flexible 45 Degree Connector, Plain	13.79	3.96
		For Work In Restricted Working Space, Add	*1.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.98*	

26 05 33 13-1928 Insulated Squeeze Type 45 Degree Connector *(26 05 33 13-1865)*

26 05 33 13-1929	EA	3/8" Flexible 45 Degree Connector, Insulated	8.54	3.96
		For Work In Restricted Working Space, Add	*1.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.49*	
26 05 33 13-1930	EA	1/2" Flexible 45 Degree Connector, Insulated	11.70	3.63
		For Work In Restricted Working Space, Add	*1.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 33 13-1931	EA	3/4" Flexible 45 Degree Connector, Insulated	15.13	3.96
		For Work In Restricted Working Space, Add	*1.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.98*	

26 05 33 13-1932 Plain Screw-In Connector *(26 05 33 13-1865)*

26 05 33 13-1933	EA	3/8" Flexible Steel Screw-in Connector, Plain	4.21	2.64
		For Work In Restricted Working Space, Add	*1.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.11*	
26 05 33 13-1934	EA	1/2" Flexible Steel Screw-in Connector, Plain	4.54	2.97
		For Work In Restricted Working Space, Add	*1.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.24*	
26 05 33 13-1935	EA	3/4" Flexible Steel Screw-in Connector, Plain	5.80	3.63
		For Work In Restricted Working Space, Add	*1.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.49*	
26 05 33 13-1936	EA	1" Flexible Steel Screw-in Connector, Plain	8.30	3.96
		For Work In Restricted Working Space, Add	*1.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.98*	
26 05 33 13-1937	EA	1-1/4" Flexible Steel Screw-in Connector, Plain	12.24	4.62
		For Work In Restricted Working Space, Add	*2.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 05 33 13-1938	EA	1-1/2" Flexible Steel Screw-in Connector, Plain	14.95	4.95
		For Work In Restricted Working Space, Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1939	EA	2" Flexible Steel Screw-in Connector, Plain	22.02	5.60
		For Work In Restricted Working Space, Add	*3.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	

26 05 33 13-1940 Insulated Screw-In Connector *(26 05 33 13-1865)*

26 05 33 13-1941	EA	3/8" Flexible Steel Screw-in Connector, Insulated	4.46	2.64
		For Work In Restricted Working Space, Add	*1.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.11*	
26 05 33 13-1942	EA	1/2" Flexible Steel Screw-in Connector, Insulated	4.73	2.97
		For Work In Restricted Working Space, Add	*1.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.24*	
26 05 33 13-1943	EA	3/4" Flexible Steel Screw-in Connector, Insulated	6.30	3.63
		For Work In Restricted Working Space, Add	*1.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.49*	
26 05 33 13-1944	EA	1" Flexible Steel Screw-in Connector, Insulated	9.07	3.96
		For Work In Restricted Working Space, Add	*1.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.98*	
26 05 33 13-1945	EA	1-1/4" Flexible Steel Screw-in Connector, Insulated	13.34	4.62
		For Work In Restricted Working Space, Add	*2.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 05 33 13-1946	EA	1-1/2" Flexible Steel Screw-in Connector, Insulated	16.26	4.95
		For Work In Restricted Working Space, Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.09*	
26 05 33 13-1947	EA	2" Flexible Steel Screw-in Connector, Insulated	23.18	5.60
		For Work In Restricted Working Space, Add	*3.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	

26 05 33 13-1948 Screw-In Coupling *(26 05 33 13-1865)*

26 05 33 13-1949	EA	1/2" Flexible Steel Screw-in Coupling	5.02	2.97
		For Work In Restricted Working Space, Add	*1.24*	
26 05 33 13-1950	EA	3/4" Flexible Steel Screw-in Coupling	6.60	3.63
		For Work In Restricted Working Space, Add	*1.49*	

26 05 33 13-1951 Flexible To EMT Coupling *(26 05 33 13-1865)*

26 05 33 13-1952	EA	3/8" Flexible Steel To EMT Coupling	6.78	2.64
		For Work In Restricted Working Space, Add	*1.11*	
26 05 33 13-1953	EA	1/2" Flexible Steel To EMT Coupling	9.23	2.97
		For Work In Restricted Working Space, Add	*1.24*	
26 05 33 13-1954	EA	3/4" Flexible Steel To EMT Coupling	12.22	3.63
		For Work In Restricted Working Space, Add	*1.49*	

26 05 33 13-1955 Die Cast Squeeze Type Straight Connector *(26 05 33 13-1865)*

26 05 33 13-1956	EA	3/8" Flexible Straight Connector, Die Cast	4.37	2.64
		For Work In Restricted Working Space, Add	*1.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.11*	
26 05 33 13-1957	EA	1/2" Flexible Straight Connector, Die Cast	4.94	2.97
		For Work In Restricted Working Space, Add	*1.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.24*	
26 05 33 13-1958	EA	3/4" Flexible Straight Connector, Die Cast	6.14	3.63
		For Work In Restricted Working Space, Add	*1.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.49*	
26 05 33 13-1959	EA	1" Flexible Straight Connector, Die Cast	9.24	3.96
		For Work In Restricted Working Space, Add	*1.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.98*	
26 05 33 13-1960	EA	1-1/4" Flexible Straight Connector, Die Cast	12.47	4.62
		For Work In Restricted Working Space, Add	*2.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 05 33 13-1961	EA	1-1/2" Flexible Straight Connector, Die Cast	16.93	4.95
		For Work In Restricted Working Space, Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.09*	
26 05 33 13-1962	EA	2" Flexible Straight Connector, Die Cast	21.91	5.60
		For Work In Restricted Working Space, Add	*3.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	

26 05 33 13-1963 Die Cast Squeeze Type 90 Degree Connector *(26 05 33 13-1865)*

26 05 33 13-1964	EA	3/8" Flexible 90 Degree Connector, Die Cast	5.79	3.30
		For Work In Restricted Working Space, Add	*1.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.49*	
26 05 33 13-1965	EA	1/2" Flexible 90 Degree Connector, Die Cast	7.17	3.63
		For Work In Restricted Working Space, Add	*1.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 33 13-1966	EA	3/4" Flexible 90 Degree Connector, Die Cast	8.71	3.96
		For Work In Restricted Working Space, Add	*1.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.98*	
26 05 33 13-1967	EA	1" Flexible 90 Degree Connector, Die Cast	13.85	4.62
		For Work In Restricted Working Space, Add	*2.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 05 33 13-1968	EA	1-1/4" Flexible 90 Degree Connector, Die Cast	19.66	4.95
		For Work In Restricted Working Space, Add	*2.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.97*	
26 05 33 13-1969	EA	1-1/2" Flexible 90 Degree Connector, Die Cast	30.61	5.77
		For Work In Restricted Working Space, Add	*3.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1970	EA	2" Flexible 90 Degree Connector, Die Cast	36.60	7.09
		For Work In Restricted Working Space, Add	*4.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.20*	

26 05 33 13-1971 Non-Metallic Liquid Tight Flexible Conduit And Connectors *(26 05 33 13-1823)*

Note: Carlon - CARFLEX.

26 05 33 13-1972 Non-Metallic Liquid Tight Flexible Conduit *(26 05 33 13-1971)*

26 05 33 13-1973	LF	3/8" Non-Metallic Liquid Tight Flex Conduit	2.96	0.90
		For Work In Restricted Working Space, Add	*0.68*	
26 05 33 13-1974	LF	1/2" Non-Metallic Liquid Tight Flex Conduit	3.02	0.90
		For Work In Restricted Working Space, Add	*0.68*	
26 05 33 13-1975	LF	3/4" Non-Metallic Liquid Tight Flex Conduit	4.06	1.20
		For Work In Restricted Working Space, Add	*0.91*	
26 05 33 13-1976	LF	1" Non-Metallic Liquid Tight Flex Conduit	5.12	1.20
		For Work In Restricted Working Space, Add	*0.91*	
26 05 33 13-1977	LF	1-1/4" Non-Metallic Liquid Tight Flex Conduit	6.50	1.50
		For Work In Restricted Working Space, Add	*1.13*	
26 05 33 13-1978	LF	1-1/2" Non-Metallic Liquid Tight Flex Conduit	8.32	1.80
		For Work In Restricted Working Space, Add	*1.36*	
26 05 33 13-1979	LF	2" Non-Metallic Liquid Tight Flex Conduit	10.66	2.42
		For Work In Restricted Working Space, Add	*1.81*	

26 05 33 13-1980 Straight Connector *(26 05 33 13-1971)*

26 05 33 13-1981	EA	3/8" Non-Metallic Straight Connector	8.58	2.42
		For Work In Restricted Working Space, Add	*1.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.81*	
26 05 33 13-1982	EA	1/2" Non-Metallic Straight Connector	8.58	2.42
		For Work In Restricted Working Space, Add	*1.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.81*	
26 05 33 13-1983	EA	3/4" Non-Metallic Straight Connector	10.57	2.72
		For Work In Restricted Working Space, Add	*2.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.04*	
26 05 33 13-1984	EA	1" Non-Metallic Straight Connector	13.21	3.02
		For Work In Restricted Working Space, Add	*2.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.26*	
26 05 33 13-1985	EA	1-1/4" Non-Metallic Straight Connector	18.47	3.32
		For Work In Restricted Working Space, Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.49*	
26 05 33 13-1986	EA	1-1/2" Non-Metallic Straight Connector	23.21	3.62
		For Work In Restricted Working Space, Add	*2.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 05 33 13-1987	EA	2" Non-Metallic Straight Connector	36.55	4.22
		For Work In Restricted Working Space, Add	*3.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.17*	

26 05 33 13-1988 90 Degree Angle Connector *(26 05 33 13-1971)*

26 05 33 13-1989	EA	3/8" Non-Metallic 90 Degree Angle Connector	12.44	3.32
		For Work In Restricted Working Space, Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.49*	
26 05 33 13-1990	EA	1/2" Non-Metallic 90 Degree Angle Connector	12.44	3.32
		For Work In Restricted Working Space, Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.49*	
26 05 33 13-1991	EA	3/4" Non-Metallic 90 Degree Angle Connector	15.43	3.62
		For Work In Restricted Working Space, Add	*2.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 05 33 13-1992	EA	1" Non-Metallic 90 Degree Angle Connector	22.08	4.22
		For Work In Restricted Working Space, Add	*3.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.17*	
26 05 33 13-1993	EA	1-1/4" Non-Metallic 90 Degree Angle Connector	22.78	4.52
		For Work In Restricted Working Space, Add	*3.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	
26 05 33 13-1994	EA	1-1/2" Non-Metallic 90 Degree Angle Connector	36.65	4.82
		For Work In Restricted Working Space, Add	*3.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.62*	
26 05 33 13-1995	EA	2" Non-Metallic 90 Degree Angle Connector	49.55	5.42
		For Work In Restricted Working Space, Add	*4.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.07*	

26 05 33 13-1996 45 Degree Angle Connector *(26 05 33 13-1971)*

26 05 33 13-1997	EA	3/8" Non-Metallic 45 Degree Angle Connector	12.44	3.32
		For Work In Restricted Working Space, Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.49*	
26 05 33 13-1998	EA	1/2" Non-Metallic 45 Degree Angle Connector	12.44	3.32
		For Work In Restricted Working Space, Add	*2.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.49*	
26 05 33 13-1999	EA	3/4" Non-Metallic 45 Degree Angle Connector	15.43	3.62
		For Work In Restricted Working Space, Add	*2.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 05 33 13-2000	EA	1" Non-Metallic 45 Degree Angle Connector	22.08	4.22
		For Work In Restricted Working Space, Add	*3.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.17*	
26 05 33 13-2001	EA	1-1/4" Non-Metallic 45 Degree Angle Connector	22.78	4.52
		For Work In Restricted Working Space, Add	*3.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2002	EA	1-1/2" Non-Metallic 45 Degree Angle Connector	36.65	4.82
		For Work In Restricted Working Space, Add	*3.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.62*	
26 05 33 13-2003	EA	2" Non-Metallic 45 Degree Angle Connector	49.55	5.42
		For Work In Restricted Working Space, Add	*4.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.07*	

26 05 33 13-2004 Blue ENT Electrical Non-Metallic Tubing *(26 05 33 13-1823)*

Note: Carlon - FLEX-PLUS.

26 05 33 13-2005 Blue ENT Electrical Non-Metallic Tubing *(26 05 33 13-2004)*

26 05 33 13-2006	LF	1/2" Blue ENT Electrical Non-Metallic Tubing	2.76	0.99
		For Work In Restricted Working Space, Add	*0.74*	
26 05 33 13-2007	LF	3/4" Blue ENT Electrical Non-Metallic Tubing	3.69	1.32
		For Work In Restricted Working Space, Add	*0.99*	
26 05 33 13-2008	LF	1" Blue ENT Electrical Non-Metallic Tubing	3.92	1.32
		For Work In Restricted Working Space, Add	*0.99*	

26 05 33 13-2009 Terminal Adapter *(26 05 33 13-2004)*

26 05 33 13-2010	EA	1/2" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing	7.04	2.64
		For Work In Restricted Working Space, Add	*1.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.98*	
26 05 33 13-2011	EA	3/4" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing	8.25	2.97
		For Work In Restricted Working Space, Add	*2.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.23*	
26 05 33 13-2012	EA	1" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing	9.32	3.30
		For Work In Restricted Working Space, Add	*2.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	

26 05 33 13-2013 Coupling *(26 05 33 13-2004)*

26 05 33 13-2014	EA	1/2" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing	6.99	2.64
		For Work In Restricted Working Space, Add	*1.98*	
26 05 33 13-2015	EA	3/4" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing	7.93	2.97
		For Work In Restricted Working Space, Add	*2.23*	
26 05 33 13-2016	EA	1" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing	9.02	3.30
		For Work In Restricted Working Space, Add	*2.48*	

26 05 33 16 Boxes For Electrical Systems *(26 05 33)*

See CSI section 26 27 16 00-0000 for larger junction boxes and enclosures.

26 05 33 16-0001 Steel Junction, Device, And Fixture Boxes, Rings And Covers *(26 05 33 16)*

Note: Thin wall metal. See CSI section 26 27 26 00-0005 for steel box/recepracle assemblies, 26 27 26 00-0107 for steel box/switch assemblies.

26 05 33 16-0002 4" Square Steel Boxes, Rings And Covers *(26 05 33 16-0001)*

26 05 33 16-0003	EA	1-1/2", 4" Square Steel Box	26.48	12.37
		For Stud Bracket, Add	*0.43*	
26 05 33 16-0004	EA	2-1/8", 4" Square Steel Box	27.27	12.37
		For Stud Bracket, Add	*0.77*	
26 05 33 16-0005	EA	3-1/2", 4" Square Steel Box	29.99	12.37
		For Stud Bracket, Add	*0.84*	
26 05 33 16-0006	EA	1-1/2", 4" Square Steel Extension Ring	20.36	8.25
26 05 33 16-0007	EA	2-1/8", 4" Square Steel Extension Ring	17.61	8.25
26 05 33 16-0008	EA	1/2", 1 Gang, 4" Square Steel Mud Ring	9.08	4.12
26 05 33 16-0009	EA	5/8", 1 Gang, 4" Square Steel Mud Ring	9.21	4.12
26 05 33 16-0010	EA	3/4", 1 Gang, 4" Square Steel Mud Ring	9.30	4.12
26 05 33 16-0011	EA	1", 1 Gang, 4" Square Steel Mud Ring	9.59	4.12
26 05 33 16-0012	EA	1-1/4", 1 Gang, 4" Square Steel Mud Ring	9.68	4.12
26 05 33 16-0013	EA	1-1/2", 1 Gang, 4" Square Steel Mud Ring	10.62	4.12
26 05 33 16-0014	EA	1/2", 2 Gang, 4" Square Steel Mud Ring	9.44	4.12
26 05 33 16-0015	EA	5/8", 2 Gang, 4" Square Steel Mud Ring	9.53	4.12
26 05 33 16-0016	EA	3/4", 2 Gang, 4" Square Steel Mud Ring	9.64	4.12
26 05 33 16-0017	EA	1", 2 Gang, 4" Square Steel Mud Ring	10.60	4.12
26 05 33 16-0018	EA	1-1/4", 2 Gang, 4" Square Steel Mud Ring	10.80	4.12
26 05 33 16-0019	EA	1-1/2", 2 Gang, 4" Square Steel Mud Ring	12.02	4.12
26 05 33 16-0020	EA	3/4", Fixture Cover, 4" Square Mud Rings	9.91	4.12
26 05 33 16-0021	EA	1", Fixture Cover, 4" Square Mud Rings	10.68	4.12
26 05 33 16-0022	EA	One Toggle Switch, 4" Square Steel Exposed Work Cover	9.42	4.12
26 05 33 16-0023	EA	Two Toggle Switches, 4" Square Steel Exposed Work Cover	9.49	4.12
26 05 33 16-0024	EA	One Duplex Receptacle, 4" Square Steel Exposed Work Cover	9.41	4.12
26 05 33 16-0025	EA	Two Duplex Receptacles, 4" Square Steel Exposed Work Cover	9.61	4.12
26 05 33 16-0026	EA	One Toggle Switch And One Duplex Receptacle, 4" Square Steel Exposed Work Cover	9.79	4.12
26 05 33 16-0027	EA	One Toggle Switch And One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover	11.94	4.12
26 05 33 16-0028	EA	One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover	9.75	4.12
26 05 33 16-0029	EA	Two 1.406" Diameter Receptacles, 4" Square Steel Exposed Work Cover	11.94	4.12
26 05 33 16-0030	EA	One 1.620" Diameter Receptacle, 4" Square Steel Exposed Work Cover	9.75	4.12
26 05 33 16-0031	EA	One 1.719" Diameter Receptacle, 4" Square Steel Exposed Work Cover	10.26	4.12
26 05 33 16-0032	EA	One 2.165" Diameter Receptacle, 4" Square Steel Exposed Work Cover	11.94	4.12
26 05 33 16-0033	EA	One 2.480" Diameter Receptacle, 4" Square Steel Exposed Work Cover	11.94	4.12
26 05 33 16-0034	EA	Flat, 4" Square Steel Exposed Work Cover	8.81	4.12

26 05 33 16-0035 4-11/16" Square Steel Boxes, Rings And Covers *(26 05 33 16-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0036	EA	1-1/2", 4-11/16" Square Steel Box	29.41	12.37
26 05 33 16-0037	EA	2-1/8", 4-11/16" Square Steel Box	27.62	12.37
		For Stud Bracket, Add	*0.40*	
26 05 33 16-0038	EA	3-1/4", 4-11/16" Square Steel Box	36.61	12.37
26 05 33 16-0039	EA	1-1/2", 4-11/16" Square Extension Ring	21.11	8.25
26 05 33 16-0040	EA	2-1/8", 4-11/16" Square Extension Ring	21.55	8.25
26 05 33 16-0041	EA	1/2", 1 Gang, 4-11/16" Square Steel Mud Ring	10.87	4.12
26 05 33 16-0042	EA	5/8", 1 Gang, 4-11/16" Square Steel Mud Ring	10.89	4.12
26 05 33 16-0043	EA	3/4", 1 Gang, 4-11/16" Square Steel Mud Ring	11.66	4.12
26 05 33 16-0044	EA	1", 1 Gang, 4-11/16" Square Steel Mud Ring	11.35	4.12
26 05 33 16-0045	EA	1-1/4", 1 Gang, 4-11/16" Square Steel Mud Ring	11.28	4.12
26 05 33 16-0046	EA	1-1/2", 1 Gang, 4-11/16" Square Steel Mud Ring	14.46	4.12
26 05 33 16-0047	EA	1/2", 2 Gang, 4-11/16" Square Steel Mud Ring	11.48	4.12
26 05 33 16-0048	EA	5/8", 2 Gang, 4-11/16" Square Steel Mud Ring	11.64	4.12
26 05 33 16-0049	EA	3/4", 2 Gang, 4-11/16" Square Steel Mud Ring	11.66	4.12
26 05 33 16-0050	EA	1", 2 Gang, 4-11/16" Square Steel Mud Ring	12.78	4.12
26 05 33 16-0051	EA	1-1/4", 2 Gang, 4-11/16" Square Steel Mud Ring	13.01	4.12
26 05 33 16-0052	EA	1-1/2", 2 Gang, 4-11/16" Square Steel Mud Ring	15.73	4.12
26 05 33 16-0053	EA	1/2", Fixture Cover, 4-11/16" Square Steel Mud Ring	11.33	4.12
26 05 33 16-0054	EA	5/8", Fixture Cover, 4-11/16" Square Steel Mud Ring	11.41	4.12
26 05 33 16-0055	EA	One Toggle Switch, 4-11/16" Square Steel Exposed Work Cover	13.52	4.12
26 05 33 16-0056	EA	Two Toggle Switches, 4-11/16" Square Steel Exposed Work Cover	14.11	4.12
26 05 33 16-0057	EA	One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover	13.34	4.12
26 05 33 16-0058	EA	Two Duplex Receptacles, 4-11/16" Square Steel Exposed Work Cover	12.70	4.12
26 05 33 16-0059	EA	One Toggle Switch And One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover	14.85	4.12
26 05 33 16-0060	EA	One 1.594" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	14.10	4.12
26 05 33 16-0061	EA	One 2.141" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	14.10	4.12
26 05 33 16-0062	EA	One 2.625" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	14.10	4.12
26 05 33 16-0063	EA	Flat, 4-11/16" Square Steel Exposed Work Cover	9.29	4.12
26 05 33 16-0064		**Steel Square Box Brackets** *(26 05 33 16-0001)*		
26 05 33 16-0065	EA	16" Or 24" Width Box Bracket, For Multiple 1-1/2" And 2-1/8" Deep Boxes	13.19	6.19
26 05 33 16-0066	EA	Single Box Bracket, One 4" Or 4-11/16" Square Box	9.50	4.13
26 05 33 16-0067	EA	16" Box Bracket, Up To Three 4" Or 4-11/16" Square Boxes	15.10	6.19
26 05 33 16-0068	EA	24" Box Bracket, Up To Four 4" Or 4-11/16" Square Boxes	16.08	6.19
26 05 33 16-0069		**4" Octagon Steel Boxes And Covers** *(26 05 33 16-0001)*		
26 05 33 16-0070	EA	1-1/2", 4" Steel Octagon Box	22.04	10.30
		For Stud Bracket, Add	*1.04*	
26 05 33 16-0071	EA	2-1/8", 4" Steel Octagon Box	22.73	10.30
26 05 33 16-0072	EA	Flat, 4" Octagon Steel Exposed Work Cover	8.76	4.12
26 05 33 16-0073		**4" Steel Octagonal Concrete Rings And Steel Covers** *(26 05 33 16-0001)*		
		Note: Placed in concrete slabs or walls.		
26 05 33 16-0074	EA	2", 4" Steel Octagonal Concrete Ring	36.10	
26 05 33 16-0075	EA	2-1/2", 4" Steel Octagonal Concrete Ring	38.28	
26 05 33 16-0076	EA	3", 4" Steel Octagonal Concrete Ring	40.05	
26 05 33 16-0077	EA	3-1/2", 4" Steel Octagonal Concrete Ring	41.80	
26 05 33 16-0078	EA	4", 4" Steel Octagonal Concrete Ring	45.34	
26 05 33 16-0079	EA	5", 4" Steel Octagonal Concrete Ring	49.02	
26 05 33 16-0080	EA	6", 4" Steel Octagonal Concrete Ring	51.95	
26 05 33 16-0081	EA	Flat, 4" Steel Octagonal Concrete Cover	9.72	4.12
26 05 33 16-0082		**4-1/2" Steel Gang Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0083	EA	2 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	31.84	10.30
26 05 33 16-0084	EA	3 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	34.92	11.12
26 05 33 16-0085	EA	4 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	41.68	12.37
26 05 33 16-0086	EA	5 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	53.63	13.60
26 05 33 16-0087	EA	6 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	77.92	14.84
26 05 33 16-0088	EA	2 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	42.53	10.30
26 05 33 16-0089	EA	3 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	46.31	11.12
26 05 33 16-0090	EA	4 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	60.92	12.37
26 05 33 16-0091	EA	5 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	77.55	13.60
26 05 33 16-0092	EA	6 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	125.21	14.84
26 05 33 16-0093	EA	2 Device, Gang Box Mud Ring	13.81	4.12
26 05 33 16-0094	EA	3 Device, Gang Box Mud Ring	13.99	4.12
26 05 33 16-0095	EA	4 Device, Gang Box Mud Ring	16.05	4.12
26 05 33 16-0096	EA	5 Device, Gang Box Mud Ring	19.59	4.12
26 05 33 16-0097	EA	6 Device, Gang Box Mud Ring	27.36	4.12
26 05 33 16-0098	EA	2 Device, Gang Box Flat Cover	12.04	4.12
26 05 33 16-0099	EA	3 Device, Gang Box Flat Cover	13.97	4.12
26 05 33 16-0100	EA	4 Device, Gang Box Flat Cover	16.53	4.12
26 05 33 16-0101	EA	5 Device, Gang Box Flat Cover	19.79	4.12
26 05 33 16-0102	EA	6 Device, Gang Box Flat Cover	27.91	4.12
26 05 33 16-0103		**Steel Switch Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0104	EA	2-1/2", 3" x 2", Stud Bracket, Steel Switch Box	23.37	10.30
26 05 33 16-0105	EA	2-3/4", 3" x 2", Stud Bracket, Steel Switch Box	23.67	10.30
26 05 33 16-0106	EA	3-1/2", 3" x 2", Stud Bracket, Steel Switch Box	25.21	10.30
26 05 33 16-0107	EA	2-1/2", 2 Device, Stud Bracket, Steel Box	28.68	10.30

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0108	EA	2-1/2", 3 Device, Stud Bracket, Steel Box	28.98	10.30
26 05 33 16-0109	EA	2-1/2", 4 Device, Stud Bracket, Steel Box	33.68	10.30
26 05 33 16-0110		**4" x 2" Steel Handy Boxes, Extension Rings And Covers** *(26 05 33 16-0001)*		
26 05 33 16-0111	EA	1-1/2", 4" x 2" Steel Handy Box	21.96	10.30
		For Stud Bracket, Add	*1.67*	
26 05 33 16-0112	EA	1-7/8", 4" x 2" Steel Handy Box	22.28	10.30
		For Stud Bracket, Add	*0.72*	
26 05 33 16-0113	EA	2-1/8", 4" x 2" Steel Handy Box	22.99	10.30
		For Stud Bracket, Add	*0.98*	
26 05 33 16-0114	EA	1-1/2", 4" x 2" Steel Handy Box Extension Ring	14.31	6.18
26 05 33 16-0115	EA	1-7/8", 4" x 2" Steel Handy Box Extension Ring	13.99	6.18
26 05 33 16-0116	EA	GFI Receptacle, 2" x 4" Steel Handy Box Exposed Work Cover	4.82	2.06
26 05 33 16-0117	EA	1.406" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	4.88	2.06
26 05 33 16-0118	EA	Duplex Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	4.58	2.06
26 05 33 16-0119	EA	Toggle Switch, 4" x 2" Steel Handy Box Exposed Work Cover	4.60	2.06
26 05 33 16-0120	EA	1.594" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	5.21	2.06
26 05 33 16-0121	EA	Flat, 2" x 4" Steel Handy Box Exposed Work Cover	4.60	2.06
26 05 33 16-0122		**3"-1/2" Depth, 3-3/4" Steel Masonry Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0123	EA	1 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	32.61	14.43
26 05 33 16-0124	EA	2 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	36.18	15.25
26 05 33 16-0125	EA	3 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	41.11	16.49
26 05 33 16-0126	EA	4 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	46.60	18.14
26 05 33 16-0127		**Cast Boxes** *(26 05 33 16)*		
		Note: For flush or surface mount.		
26 05 33 16-0128		**Cast Iron Alloy Boxes** *(26 05 33 16-0127)*		
		See CSI section 26 27 26 00-0246 for box covers.		
26 05 33 16-0129		**Shallow, Single Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)*		
		Note: Up to 2" deep boxes.		
26 05 33 16-0130	EA	1/2", Type FS, Shallow, Single Gang Cast Iron Alloy Box	69.28	24.74
		Note: One hub.		
26 05 33 16-0131	EA	3/4", Type FS, Shallow, Single Gang Cast Iron Alloy Box	74.93	28.85
		Note: One hub.		
26 05 33 16-0132	EA	1", Type FS, Shallow, Single Gang Cast Iron Alloy Box	88.38	35.04
		Note: One hub.		
26 05 33 16-0133	EA	1/2", Type FSC, Shallow, Single Gang Cast Iron Alloy Box	86.87	32.97
		Note: Two hub.		
26 05 33 16-0134	EA	3/4", Type FSC, Shallow, Single Gang Cast Iron Alloy Box	110.64	39.16
		Note: Two hub.		
26 05 33 16-0135	EA	1/2", Type FSL, Shallow, Single Gang Cast Iron Alloy Box	86.53	32.97
		Note: Two hub.		
26 05 33 16-0136	EA	3/4", Type FSL, Shallow, Single Gang Cast Iron Alloy Box	103.99	39.16
		Note: Two hubs.		
26 05 33 16-0137	EA	1/2", Type FSR, Shallow, Single Gang Cast Iron Alloy Box	88.67	32.97
		Note: Two hubs.		
26 05 33 16-0138	EA	3/4", Type FSR, Shallow, Single Gang Cast Iron Alloy Box	104.02	39.16
		Note: Two hubs.		
26 05 33 16-0139	EA	1/2", Type FSS, Shallow, Single Gang Cast Iron Alloy Box	86.53	32.97
		Note: Two hubs.		
26 05 33 16-0140	EA	3/4", Type FSS, Shallow, Single Gang Cast Iron Alloy Box	101.38	39.16
		Note: Two hubs.		
26 05 33 16-0141	EA	1/2", Type FSCA, Shallow, Single Gang Cast Iron Alloy Box	103.37	41.22
		Note: Three hubs.		
26 05 33 16-0142	EA	3/4", Type FSCA, Shallow, Single Gang Cast Iron Alloy Box	122.42	49.47
		Note: Three hubs.		
26 05 33 16-0143	EA	1/2", Type FSCC, Shallow, Single Gang Cast Iron Alloy Box	107.47	41.22
		Note: Three hubs.		
26 05 33 16-0144	EA	3/4", Type FSCC, Shallow, Single Gang Cast Iron Alloy Box	138.06	49.47
		Note: Three hubs.		
26 05 33 16-0145	EA	1/2", Type FSCT, Shallow, Single Gang Cast Iron Alloy Box	110.15	41.22
		Note: Three hubs.		
26 05 33 16-0146	EA	3/4", Type FSCT, Shallow, Single Gang Cast Iron Alloy Box	131.63	49.47
		Note: Three hubs.		
26 05 33 16-0147	EA	1/2", Type FST, Shallow, Single Gang Cast Iron Alloy Box	103.02	41.22
		Note: Three hubs.		
26 05 33 16-0148	EA	3/4", Type FST, Shallow, Single Gang Cast Iron Alloy Box	133.44	49.47
		Note: Three hubs.		
26 05 33 16-0149	EA	1/2", Type FSX, Shallow, Single Gang Cast Iron Alloy Box	130.89	49.47
		Note: Four hubs.		
26 05 33 16-0150	EA	3/4", Type FSX, Shallow, Single Gang Cast Iron Alloy Box	157.93	59.77
		Note: Four hubs.		
26 05 33 16-0151		**Deep, Single Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)*		
		Note: >2" deep boxes.		
26 05 33 16-0152	EA	1/2", Type FD, Deep, Single Gang Cast Iron Alloy Box	72.30	24.74
		Note: One hub.		
26 05 33 16-0153	EA	3/4", Type FD, Deep, Single Gang Cast Iron Alloy Box	83.31	28.85
		Note: One hub.		
26 05 33 16-0154	EA	1", Type FD, Deep, Single Gang Cast Iron Alloy Box	98.05	35.04
		Note: One hub.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0155	EA	1/2", Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	92.39	32.97
26 05 33 16-0156	EA	3/4", Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	106.83	39.16
26 05 33 16-0157	EA	1", Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	128.44	47.41
26 05 33 16-0158	EA	3/4", Type FDS, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	114.36	39.16
26 05 33 16-0159	EA	3/4", Type FDCC, Deep, Single Gang Cast Iron Alloy Box Note: Three hubs.	146.98	49.47
26 05 33 16-0160		Shallow, Two Gang Cast Iron Alloy Boxes *(26 05 33 16-0128)* Note: Up to 2" deep boxes.		
26 05 33 16-0161	EA	1/2", Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	82.90	26.79
26 05 33 16-0162	EA	3/4", Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	92.03	30.92
26 05 33 16-0163	EA	1", Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	107.09	37.10
26 05 33 16-0164	EA	1/2", Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	100.84	35.04
26 05 33 16-0165	EA	3/4", Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	114.76	41.22
26 05 33 16-0166		Deep, Two Gang Cast Iron Alloy Boxes *(26 05 33 16-0128)* Note: >2" deep boxes.		
26 05 33 16-0167	EA	1/2", Type FD, Deep, Two Gang Cast Iron Alloy Box Note: One hub.	91.97	26.79
26 05 33 16-0168	EA	3/4", Type FD, Deep, Two Gang Cast Iron Alloy Box Note: One hub.	100.56	30.92
26 05 33 16-0169	EA	1/2", Type FDC, Deep, Two Gang Cast Iron Alloy Box Note: Two hubs.	114.49	35.04
26 05 33 16-0170	EA	3/4", Type FDC, Deep, Two Gang Cast Iron Alloy Box Note: Two hubs.	129.18	41.22
26 05 33 16-0171		Cast Aluminum Boxes *(26 05 33 16-0127)* See CSI section 26 27 26 00-0246 for box covers.		
26 05 33 16-0172		Shallow, Single Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0173	EA	1/2", Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	61.03	20.61
26 05 33 16-0174	EA	3/4", Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	70.07	24.74
26 05 33 16-0175	EA	1", Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	78.39	30.92
26 05 33 16-0176	EA	1/2", Type FSA, Shallow, Single Gang Cast Aluminum Box Note: One hub.	57.51	20.61
26 05 33 16-0177	EA	3/4", Type FSA, Shallow, Single Gang Cast Aluminum Box Note: One hub.	72.55	24.74
26 05 33 16-0178	EA	1/2", Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	77.86	28.85
26 05 33 16-0179	EA	3/4", Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	93.60	35.04
26 05 33 16-0180	EA	1", Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	117.34	43.29
26 05 33 16-0181	EA	1/2", Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	83.98	28.85
26 05 33 16-0182	EA	3/4", Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	90.62	35.04
26 05 33 16-0183	EA	1/2", Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	80.50	28.85
26 05 33 16-0184	EA	3/4", Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	92.70	35.04
26 05 33 16-0185	EA	1/2", Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	78.25	28.85
26 05 33 16-0186	EA	3/4", Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	92.70	35.04
26 05 33 16-0187	EA	1/2", Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	73.06	28.85
26 05 33 16-0188	EA	3/4", Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	98.22	35.04
26 05 33 16-0189	EA	1/2", Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	93.13	37.10
26 05 33 16-0190	EA	3/4", Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	113.20	45.34
26 05 33 16-0191	EA	1/2", Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	98.51	37.10
26 05 33 16-0192	EA	3/4", Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	131.84	45.34
26 05 33 16-0193	EA	1/2", Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	98.06	37.10
26 05 33 16-0194	EA	3/4", Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	120.29	45.34
26 05 33 16-0195	EA	3/4", Type FST, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	121.89	45.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0196	EA	1/2", Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	119.59	45.34
26 05 33 16-0197	EA	3/4", Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	146.02	55.66
26 05 33 16-0198		Deep, Single Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0199	EA	1/2", Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	67.27	20.61
26 05 33 16-0200	EA	3/4", Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	80.60	24.74
26 05 33 16-0201	EA	1", Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	92.87	30.92
26 05 33 16-0202	EA	3/4", Type FDA, Deep, Single Gang Cast Aluminum Box Note: One hub.	86.30	24.74
26 05 33 16-0203	EA	1/2", Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	85.93	28.85
26 05 33 16-0204	EA	3/4", Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	103.51	35.04
26 05 33 16-0205	EA	1", Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	116.41	43.29
26 05 33 16-0206	EA	3/4", Type FDS, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	104.83	35.04
26 05 33 16-0207	EA	3/4", Type FDCC, Deep, Single Gang Cast Aluminum Box Note: Three hubs.	128.61	45.34
26 05 33 16-0208		Shallow, Two Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0209	EA	1/2", Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	80.13	22.67
26 05 33 16-0210	EA	3/4", Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	91.90	26.79
26 05 33 16-0211	EA	1", Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	99.35	32.97
26 05 33 16-0212	EA	1/2", Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	100.56	30.92
26 05 33 16-0213	EA	3/4", Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	103.44	37.10
26 05 33 16-0214	EA	1", Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	127.70	45.34
26 05 33 16-0215		Deep, Two Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0216	EA	1/2", Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	80.06	22.67
26 05 33 16-0217	EA	3/4", Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	92.75	26.79
26 05 33 16-0218	EA	1/2", Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	102.51	30.92
26 05 33 16-0219	EA	3/4", Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	116.49	37.10
26 05 33 16-0220	EA	1/2", Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	102.51	30.92
26 05 33 16-0221	EA	3/4", Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	116.49	37.10
26 05 33 16-0222		Shallow, Three Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0223	EA	1/2", Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	107.68	32.97
26 05 33 16-0224	EA	3/4", Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	121.16	39.16
26 05 33 16-0225		Deep, Three Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0226	EA	3/4", Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	121.39	28.85
26 05 33 16-0227	EA	1", Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	135.76	35.04
26 05 33 16-0228		Cast Aluminum Explosion Proof Outlet Bodies *(26 05 33 16-0127)* Note: Class I, Div. 1 & 2; Class II, Div. 1 & 2; and Class III.		
26 05 33 16-0229	EA	1/2", Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	126.10	32.97
26 05 33 16-0230	EA	3/4", Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	155.73	37.10
26 05 33 16-0231	EA	1", Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	143.53	41.22
26 05 33 16-0232	EA	1/2", Type GRSSA, 13 Opening, Cast Aluminum Explosion Proof Outlet Body	139.82	37.10
26 05 33 16-0233	EA	3/4", 13 Hubs, Explosion Proof Conduit Outlet Box With Cover Cast Aluminum, Type GRSSA	169.89	41.22
26 05 33 16-0234		Non Metalic (PVC) Boxes *(26 05 33 16)* See CSI section 26 27 26 00-0246 for box covers.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0235		**Shallow, Single Gang Non Metallic (PVC) Boxes** *(26 05 33 16-0234)*		
26 05 33 16-0236	EA	1/2", Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	41.84	17.31
26 05 33 16-0237	EA	3/4", Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	47.83	20.20
26 05 33 16-0238	EA	1", Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	54.59	24.53
26 05 33 16-0239	EA	1/2", Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	53.60	23.08
26 05 33 16-0240	EA	3/4", Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	62.99	27.41
26 05 33 16-0241	EA	1", Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	76.41	33.18
26 05 33 16-0242	EA	1/2", Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	53.79	23.08
26 05 33 16-0243	EA	3/4", Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	62.48	27.41
26 05 33 16-0244	EA	1", Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	74.67	33.18
26 05 33 16-0245	EA	1/2", Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box Note: Three hubs.	67.91	28.85
26 05 33 16-0246	EA	3/4", Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box Note: Three hubs.	77.44	34.63
26 05 33 16-0247	EA	1", Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box Note: Three hubs.	91.26	41.84
26 05 33 16-0248		**Deep, Single Gang Non Metallic (PVC) Boxes** *(26 05 33 16-0234)*		
26 05 33 16-0249	EA	No Hub, Type FD, Deep, Single Gang Non Metallic (PVC) Box Note: No hubs.	42.40	17.31
26 05 33 16-0250	EA	1/2", Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	41.41	17.31
26 05 33 16-0251	EA	3/4", Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	49.17	20.20
26 05 33 16-0252	EA	1", Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	55.14	24.53
26 05 33 16-0253	EA	1/2", Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	54.71	23.08
26 05 33 16-0254	EA	3/4", Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	61.55	27.41
26 05 33 16-0255	EA	1", Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	73.59	33.18
26 05 33 16-0256		**Shallow, Two Gang Non Metallic (PVC) Boxes** *(26 05 33 16-0234)*		
26 05 33 16-0257	EA	1/2", Type FSE, Shallow, Two Gang Non Metallic (PVC) Box Note: One hub.	45.01	18.75
26 05 33 16-0258	EA	3/4", Type FSE, Shallow, Two Gang Non Metallic (PVC) Box Note: One hub.	51.58	21.64
26 05 33 16-0259	EA	1", Type FSE, Shallow, Two Gang Non Metallic (PVC) Box Note: One hub.	57.58	25.97
26 05 33 16-0260	EA	1/2", Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	55.26	24.53
26 05 33 16-0261	EA	3/4", Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	68.28	28.85
26 05 33 16-0262	EA	1", Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	80.81	34.63
26 05 33 16-0263	EA	1/2", Type FSS, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	56.57	24.53
26 05 33 16-0264	EA	3/4", Type FSS, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	71.90	28.85
26 05 33 16-0265	EA	1", Type FSS, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	77.91	34.63
26 05 33 16-0266	EA	1/2", Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box Note: Three hubs.	69.18	30.30
26 05 33 16-0267	EA	3/4", Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box Note: Three hubs.	90.88	36.07
26 05 33 16-0268	EA	1", Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box Note: Three hubs.	94.06	43.29
26 05 33 16-0269		**Poke Thru Units** *(26 05 33 16)*		
26 05 33 16-0270		**Surface Poke Thru Units** *(26 05 33 16-0269)* Note: Excludes concrete drilling.		
26 05 33 16-0271	EA	Single 20 Amp Duplex Receptacle RC3 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC3ATCAL.	367.99	30.92
26 05 33 16-0272	EA	Retrofit Kit Upgrades Existing RC3 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes 20 Amp duplex receptacle. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Wiremold RC3KTCAL.	235.04	
26 05 33 16-0273	EA	Replacement 20 Amp Duplex Receptacle For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC37REC.	32.53	8.25
26 05 33 16-0274	EA	Abandonment Plate For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC3APTCBK.	39.42	4.12

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0275	EA	Four 20 Amp Receptacles RC4 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4ATCAL.	416.24	32.97
26 05 33 16-0276	EA	Retrofit Kit Upgrades Existing RC4 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes two 20 Amp duplex receptacles. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4KTCAL.	220.05	
26 05 33 16-0277	EA	Replacement Two 20 Amp Duplex Receptacles For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4REC2.	55.79	12.37
26 05 33 16-0278	EA	Abandonment Plate For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4APTCBK.	39.42	4.12
26 05 33 16-0279	EA	Abandonment Plug For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold ABPLUG4.	114.94	8.25
26 05 33 16-0280	EA	Four Jack RC9AMD Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept four Ortronics TracJack inserts and two Ortronics Series II inserts. Excludes communication jacks. Wiremold RC9AMDTCAL.	329.32	28.85
26 05 33 16-0281	EA	Abandonment Plate For RC9 Series Communications Poke Thru Unit Note: Wiremold RC9APTCBK.	27.37	4.12
26 05 33 16-0282	EA	Eight Jack AMD8 Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept eight Ortronics TracJack inserts and four Ortronics Series II inserts. Excludes communication jacks. Wiremold AMD8ATCAL.	327.79	28.85
26 05 33 16-0283	EA	Communication Conduit Adapter For Poke Thru Units Note: Includes two conduit connections for communication systems. Wiremold COM75.	38.10	4.12
26 05 33 16-0284		Recessed Poke Thru Units *(26 05 33 16-0269)* Note: Excludes concrete drilling.		
26 05 33 16-0285		Evolution 6AT Poke Thru Units *(26 05 33 16-0284)* Note: Excludes concrete drilling.		
26 05 33 16-0286	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 6ATCP) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	569.93	32.97
26 05 33 16-0287	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 6ATP) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	569.93	32.97
26 05 33 16-0288	EA	Recessed Assembly With Surface Style Cover (Wiremold 6ATC) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	543.28	32.97
26 05 33 16-0289	EA	Recessed Assembly With Flush Style Cover (Wiremold 6AT) Note: For tile, wood or laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	543.28	32.97
26 05 33 16-0290	EA	Recessed Prewired Audio/Video Assembly With Surface Style Cover (Wiremold 6ATCPA) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	569.86	32.97
26 05 33 16-0291	EA	Recessed Prewired Audio/Video Assembly With Flush Style Cover (Wiremold 6ATPA) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	569.86	32.97
26 05 33 16-0292	EA	Recessed Furniture Feed Assembly With Surface Style Cover (Wiremold 6ATCFF) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Die-cast aluminum cover assembly provides one (1) 3/4" trade size screw plug opening and one (1) concentric 2"-1 1/4" trade size screw plug opening and is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	520.78	32.97
26 05 33 16-0293	EA	Recessed Assembly With Disposable Plate (Wiremold 6STC) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. No device plates are included. For use with the following cover assemblies (purchased separately): 6CTC, 6CT, and 6CFFTC Series.	327.43	30.92
26 05 33 16-0294	EA	Recessed Prewired Audio/Video Assembly With Disposable Plate (Wiremold 6STCPAV) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies(purchased separately): 6CTC and 6CT Series.	350.94	30.92
26 05 33 16-0295	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 6STCP) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 6CTC and 6CT Series.	353.27	30.92
26 05 33 16-0296	EA	6" Pre-Pour Poke-Thru Sleeve (Wiremold 6PPS) Note: Nonmetallic sleeve attaches to structural decking and maintains 6"-6 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	100.83	16.49
26 05 33 16-0297	EA	Surface Style Cover Assembly (Wiremold 6CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CTC Series cover assemblies designed for use with 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies.	229.22	8.25
26 05 33 16-0298	EA	Flush Style Cover Assembly (Wiremold 6CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CT Series cover assemblies designed for use with 6STC, 6STCP and 6STCPAV Poke-Thru Stem Assemblies. Includes one (1) 6TS Tile Shim.	229.22	8.25
26 05 33 16-0299	EA	Furniture Feed Cover Assembly (Wiremold 6CFFTC) Note: Surface style, die-cast aluminum cover assembly, with one (1) 3/4" trade size screw plug opening, and one (1) concentric 2"-1 1/4" trade size screw plug opening. Cover assembly is available in finishes: black (BK), gray(GY), nickel (NK), brass (BS), and bronze (BZ). 6CFFTC Series Cover Assemblies designed for use with 6STC Poke- Thru Stem Assembly. Includes one (1) 3/4" and one (1) 2" trade size conduit fittings and one (1) divider to separate services.	190.67	8.25

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0300	EA	Tile Shim (Wiremold 6TS) Note: Used for floor coverings greater than 5/16" The 6TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" of adjustment.	27.66	2.06
26 05 33 16-0301	EA	Device Mounting Plate (Wiremold 6AAP) Note: Device plate that will accept up to two (2) Extron® Electronics AAP style plates. For use in the center compartment only. Devices supplied by others.	13.84	4.12
26 05 33 16-0302	EA	Device Mounting Plate (Wiremold 6ACT8A) Note: Device plate that will accept up to eight (8) ports of communication devices. For use in the center compartment only. Devices supplied by others.	15.93	4.12
26 05 33 16-0303	EA	Device Mounting Plate (Wiremold 6B) Note: Device plate used to blank off center compartment, when no devices are used.	13.78	4.12
26 05 33 16-0304	EA	Device Mounting Plate (Wiremold 6DEC) Note: Device plate that will accept Decorator style devices such as 20A receptacles, GFCIs, 106 adapters or A/V devices. For use in the center compartment only. Devices supplied by others.	13.82	4.12
26 05 33 16-0305	EA	Device Mounting Plate (Wiremold 6DP) Note: Device plate that will accept standard 20A duplex receptacle or duplex Turnlok receptacle. For use in the center compartment only. Devices supplied by others.	13.73	4.12
26 05 33 16-0306	EA	Device Mounting Plate (Wiremold 6MAAP) Note: Device plate that will accept up to six (6) Extron® Electronics MAAP style plates. For use in the center compartment only. Devices supplied by others.	16.15	4.12
26 05 33 16-0307	EA	Device Mounting Plate (Wiremold 6MAAP2A) Note: Combination device plate that will accept up to three (3) Extron® Electronics MAAP style plates, and up to two (2) ports of communication devices. For use in the center compartment only. Devices supplied by others.	15.98	4.12
26 05 33 16-0308	EA	Mosaic Mounting Plate (Wiremold 6MOS) Note: Device plate will accept two (2) standard [45mm x 45mm] or one (1) standard [45mm x 90mm] Mosaic style device(s). Devices supplied by others.	16.36	4.12
26 05 33 16-0309	EA	Device Mounting Plate (Wiremold 6S1) Note: Receptacle opening 1 3/8". For 6" poke-thru units only.	13.53	4.12
26 05 33 16-0310	EA	Device Mounting Plate (Wiremold 6S2) Note: Receptacle opening 1 9/16". For 6" poke-thru units only.	13.54	4.12
26 05 33 16-0311	EA	Device Mounting Plate (Wiremold 6SER) Note: Device plate that will accept up to four (4) Ortronics® Series II dual modular inserts. For use in the center compartment only. Devices supplied by others.	13.36	4.12
26 05 33 16-0312	EA	Device Mounting Plate (Wiremold 6TRAC) Note: Device plate that will accept up to eight (8) Ortronics® TracJack devices. For use in the center compartment only. Devices supplied by others.	13.36	4.12
26 05 33 16-0313	EA	20AMP Duplex Receptacles (Wiremold 68REC) Note: Two (2) proprietary 20AMP duplex power receptacles with mounting plates. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated ground device.	31.84	6.18
26 05 33 16-0314	EA	Device Mounting Plate (Wiremold 68B) Note: Blank plate. Used to blank off either of the side compartments when no devices or cabling are to be used.	12.26	4.12
26 05 33 16-0315	EA	Device Mounting Plate (Wiremold 68MAAP) Note: Device plate that will accept up to two (2) Extron® Electronics MAAP device plates. For use in either of the two side compartments only. Not for use in the center compartment. Extron Devices supplied by others.	12.56	4.12
26 05 33 16-0316	EA	20AMP Duplex Receptacles (Wiremold 68REC-25) Note: Two (2) proprietary 20AMP duplex power receptacles with mounting plates and 25' leads. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated	99.06	7.42
26 05 33 16-0317	EA	Device Mounting Plate (Wiremold 682A) Note: Device plate that will accept up to two (2) ports of communication devices. For use in either of the two side compartments only. Not for use in the center compartment. Communication devices supplied by others.	15.79	4.12
26 05 33 16-0318	EA	Bottom Housing Assembly (Wiremold 5PTHA) Note: Half-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. For use on side compartments only.	16.44	4.12
26 05 33 16-0319	EA	Bottom Housing Assembly (Wiremold 5BLH) Note: Half-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. For use on side compartments only. Includes tunnels for 6" and 8" poke-thru devices.	16.90	4.12
26 05 33 16-0320	EA	Bottom Housing Assembly (Wiremold 152CHA) Note: One and a half-gang 2" trade size conduit housing assembly. Recommended for use with furniture feed devices (6ATCFF). Covers the center compartment and one of the side compartments.	26.12	8.25
26 05 33 16-0321	EA	Bottom Housing Assembly (Wiremold 575CHA) Note: Half-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. For use on side compartments only.	30.00	10.30
26 05 33 16-0322	EA	Bottom Housing Assembly (Wiremold 175CHA) Note: One-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections.	32.99	10.30
26 05 33 16-0323	EA	Bottom Housing Assembly (Wiremold 1125CHA) Note: One-gang 1 1/4" trade size conduit housing assembly.	25.11	8.25
26 05 33 16-0324	EA	Bottom Housing Assembly (Wiremold 1PTHA) Note: One-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required.	16.33	4.12
26 05 33 16-0325	EA	Bottom Housing Assembly (Wiremold 1BLH) Note: One-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required.	16.33	4.12
26 05 33 16-0326	EA	Bottom Housing Assembly (Wiremold 15FFHA) Note: One and a half-gang pass through conduit housing assembly. Used for furniture feed applications on the center compartment only. Only for use with 6AT Series units.	17.19	4.12
26 05 33 16-0327	EA	Bottom Housing Assembly (Wiremold 1BHA) Note: One-gang bottom housing assembly. Designed to accept 175CHA, 1125CHA, 1PTHA, and 1BLH plates.	17.77	4.12
26 05 33 16-0328		Evolution 8AT Poke Thru Units *(26 05 33 16-0284)* Note: Excludes concrete drilling.		
26 05 33 16-0329	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 8ATCP) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	746.67	32.97

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0330	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 8ATP) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	710.80	32.97
26 05 33 16-0331	EA	Recessed Assembly With Surface Style Cover (Wiremold 8ATC) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	704.05	32.97
26 05 33 16-0332	EA	Recessed Assembly With Flush Style Cover (Wiremold 8AT) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	697.65	32.97
26 05 33 16-0333	EA	Recessed Assembly With Disposable Plate (Wiremold 8STC) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	422.34	30.92
26 05 33 16-0334	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 8STCP) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	472.87	30.92
26 05 33 16-0335	EA	8" Pre-Pour Poke-Thru Sleeve (Wiremold 8PPS) Note: Nonmetallic sleeve attaches to structural decking and maintains 8"-8 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	120.55	16.49
26 05 33 16-0336	EA	Surface Style Cover Assembly (Wiremold 8CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies.	247.83	8.25
26 05 33 16-0337	EA	Flush Style Cover Assembly (Wiremold 8CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies. Includes one (1) 8TS Tile Shim.	247.83	8.25
26 05 33 16-0338	EA	Tile Shim (Wiremold 8TS) Note: Used for floor coverings greater than 5/16". The 8TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" [9.5mm] of adjustment.	43.00	2.06
26 05 33 16-0339	EA	Device Mounting Plate (Wiremold 8B) Note: Singlegang device plate used to blank off any one (1) of the three (3) gangs in the center compartment, when no devices are used.	14.29	4.12
26 05 33 16-0340	EA	Device Mounting Plate (Wiremold 8DP) Note: Singlegang device plate that accepts standard 20A duplex receptacle or a duplex Turnlok receptacle. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	14.37	4.12
26 05 33 16-0341	EA	Device Mounting Plate (Wiremold 8DEC) Note: Singlegang device plate that will accept Decorator style devices such as 20A receptacles, GGCIs, 106 adapters or A/V devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	14.46	4.12
26 05 33 16-0342	EA	Device Mounting Plate (Wiremold 8ACT6A) Note: Singlegang device plate that will accept up to six (6) ports of communication devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	16.70	4.12
26 05 33 16-0343	EA	Mosaic Mounting Plate (Wiremold 8MOS) Note: Device plate accepts three (3) standard Mosaic devices. Devices supplied by others.	20.15	4.12
26 05 33 16-0344	EA	Crestron Double Gang Plate (Wiremold 8CREST) Note: Device plate accepts Crestron double-gang decorator style devices.	20.12	4.12
26 05 33 16-0345	EA	Device Mounting Plate (Wiremold 8S1) Note: Receptacle opening 1 3/8". For 8" poke-thru units only.	13.87	4.12
26 05 33 16-0346	EA	Device Mounting Plate (Wiremold 8S2) Note: Receptacle opening 1 9/16". For 8" poke-thru units only.	14.04	4.12
26 05 33 16-0347	EA	Device Mounting Plate (Wiremold 8TRAC) Note: Singlegang device plate that will accept up to six (6) Ortronics TracJack devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	13.87	4.12
26 05 33 16-0348	EA	Device Mounting Plate (Wiremold 8SER) Note: Singlegang device plate that will accept up to three (3) Ortronics Series II dual modular inserts. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	13.87	4.12
26 05 33 16-0349	EA	Device Mounting Plate (Wiremold 8MAAP) Note: Singlegang device plate that will accept up to four (4) Extron® Electronics MAAP style plates. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	19.84	4.12
26 05 33 16-0350	EA	Device Mounting Plate (Wiremold 8AAP) Note: Twogang device plate that will accept up to four (4) Extron® Electronics AAP style plates. 8AAP takes up 2 of the 3 gangs in the center compartment. Devices supplied by others.	16.60	4.12
26 05 33 16-0351	EA	8" Divider (Wiremold 8DIV) Note: Divider allows for separation of services when required.	19.08	4.12
26 05 33 16-0352	EA	Bottom Housing Assembly (Wiremold 22CHA) Note: Two-gang 2" trade size conduit housing assembly. Used on 8AT Series devices. Covers two (2) of the three (3) gangs in the center compartment. Only for use with 8AT Series units.	26.12	8.25

26 05 33 23 Surface Raceways For Electrical Systems *(26 05 33)*

26 05 33 23-0001 Raceways *(26 05 33 23)*

26 05 33 23-0002 Wireway With Screw Cover *(26 05 33 23-0001)*

Note: Also known as wire trough. Galvanized steel construction. Mounted exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.

26 05 33 23-0003 2-1/2" x 2-1/2", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0004	LF	2-1/2" x 2-1/2", NEMA 1, Surface Mounted Wireway With Screw Cover	12.60	3.77
		For Combination Hinged Screw Cover, Add	*0.25*	
		For Concrete Or Masonry Surface, Add	*0.38*	
26 05 33 23-0005	EA	2-1/2" x 2-1/2", End Plate For Surface Mounted Wireway With Screw Cover	13.15	5.65
		For Combination Hinged Screw Cover, Add	*0.09*	
26 05 33 23-0006	EA	2-1/2" x 2-1/2", Coupling For Surface Mounted Wireway With Screw Cover	15.94	7.05
		For Combination Hinged Screw Cover, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0007	EA	2-1/2" x 2-1/2", Panel Adapter For Surface Mounted Wireway With Screw Cover	31.77	13.19
		For Combination Hinged Screw Cover, Add	*0.27*	
26 05 33 23-0008	EA	2-1/2" x 2-1/2", Elbow For Surface Mounted Wireway With Screw Cover	42.49	13.19
		For Combination Hinged Screw Cover, Add	*0.81*	
26 05 33 23-0009	EA	2-1/2" x 2-1/2", Tee For Surface Mounted Wireway With Screw Cover	62.08	18.77
		For Combination Hinged Screw Cover, Add	*1.23*	
26 05 33 23-0010	EA	2-1/2" x 2-1/2", Cross For Surface Mounted Wireway With Screw Cover	69.37	20.72
		For Combination Hinged Screw Cover, Add	*1.40*	

26 05 33 23-0011 4" x 4", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0012	LF	4" x 4", NEMA 1, Surface Mounted Wireway With Screw Cover	15.53	4.75
		For Combination Hinged Screw Cover, Add	*0.31*	
		For Concrete Or Masonry Surface, Add	*0.47*	
26 05 33 23-0013	LF	4" x 4", NEMA 3R, Surface Mounted Wireway With Screw Cover	23.85	4.75
		For Combination Hinged Screw Cover, Add	*0.72*	
		For Concrete Or Masonry Surface, Add	*0.47*	
26 05 33 23-0014	EA	4" x 4", End Plate For Surface Mounted Wireway With Screw Cover	10.21	4.14
		For Combination Hinged Screw Cover, Add	*0.10*	
26 05 33 23-0015	EA	4" x 4", Coupling For Surface Mounted Wireway With Screw Cover	17.75	7.91
		For Combination Hinged Screw Cover, Add	*0.10*	
26 05 33 23-0016	EA	4" x 4", Panel Adapter For Surface Mounted Wireway With Screw Cover	38.13	16.13
		For Combination Hinged Screw Cover, Add	*0.29*	
26 05 33 23-0017	EA	4" x 4", Elbow For Surface Mounted Wireway With Screw Cover	49.92	16.13
		For Combination Hinged Screw Cover, Add	*0.88*	
26 05 33 23-0018	EA	4" x 4", Tee For Surface Mounted Wireway With Screw Cover	68.66	20.95
		For Combination Hinged Screw Cover, Add	*1.34*	
26 05 33 23-0019	EA	4" x 4", Cross For Surface Mounted Wireway With Screw Cover	79.61	24.49
		For Combination Hinged Screw Cover, Add	*1.53*	

26 05 33 23-0020 6" x 6", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0021	LF	6" x 6", NEMA 1, Surface Mounted Wireway With Screw Cover	21.74	5.65
		For Combination Hinged Screw Cover, Add	*0.52*	
		For Concrete Or Masonry Surface, Add	*0.57*	
26 05 33 23-0022	LF	6" x 6", NEMA 3R, Surface Mounted Wireway With Screw Cover	36.33	5.65
		For Combination Hinged Screw Cover, Add	*1.25*	
		For Concrete Or Masonry Surface, Add	*0.57*	
26 05 33 23-0023	EA	6" x 6", End Plate For Surface Mounted Wireway With Screw Cover	12.12	4.52
		For Combination Hinged Screw Cover, Add	*0.15*	
26 05 33 23-0024	EA	6" x 6", Coupling For Surface Mounted Wireway With Screw Cover	21.92	9.42
		For Combination Hinged Screw Cover, Add	*0.15*	
26 05 33 23-0025	EA	6" x 6", Panel Adapter For Surface Mounted Wireway With Screw Cover	49.45	18.77
		For Combination Hinged Screw Cover, Add	*0.60*	
26 05 33 23-0026	EA	6" x 6", Elbow For Surface Mounted Wireway With Screw Cover	61.91	18.77
		For Combination Hinged Screw Cover, Add	*1.22*	
26 05 33 23-0027	EA	6" x 6", Tee For Surface Mounted Wireway With Screw Cover	90.75	23.44
		For Combination Hinged Screw Cover, Add	*2.20*	
26 05 33 23-0028	EA	6" x 6", Cross For Surface Mounted Wireway With Screw Cover	100.26	27.13
		For Combination Hinged Screw Cover, Add	*2.30*	

26 05 33 23-0029 8" x 8", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0030	LF	8" x 8", NEMA 1, Surface Mounted Wireway With Screw Cover	31.85	6.18
		For Combination Hinged Screw Cover, Add	*0.98*	
		For Concrete Or Masonry Surface, Add	*0.62*	
26 05 33 23-0031	LF	8" x 8", NEMA 3R, Surface Mounted Wireway With Screw Cover	52.63	6.18
		For Combination Hinged Screw Cover, Add	*2.02*	
		For Concrete Or Masonry Surface, Add	*0.62*	
26 05 33 23-0032	EA	8" x 8", End Plate For Surface Mounted Wireway With Screw Cover	13.27	4.90
		For Combination Hinged Screw Cover, Add	*0.17*	
26 05 33 23-0033	EA	8" x 8", Coupling For Surface Mounted Wireway With Screw Cover	23.82	10.18
		For Combination Hinged Screw Cover, Add	*0.17*	
26 05 33 23-0034	EA	8" x 8", Panel Adapter For Surface Mounted Wireway With Screw Cover	54.92	20.65
		For Combination Hinged Screw Cover, Add	*0.68*	
26 05 33 23-0035	EA	8" x 8", Elbow For Surface Mounted Wireway With Screw Cover	75.15	20.65
		For Combination Hinged Screw Cover, Add	*1.69*	
26 05 33 23-0036	EA	8" x 8", Tee For Surface Mounted Wireway With Screw Cover	106.20	25.48
		For Combination Hinged Screw Cover, Add	*2.76*	
26 05 33 23-0037	EA	8" x 8", Cross For Surface Mounted Wireway With Screw Cover	143.24	30.90
		For Combination Hinged Screw Cover, Add	*4.07*	

26 05 33 23-0038 10" x 10", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0039	LF	10" x 10", NEMA 1, Surface Mounted Wireway With Screw Cover	44.31	7.16
		For Combination Hinged Screw Cover, Add	*1.50*	
		For Concrete Or Masonry Surface, Add	*0.72*	
26 05 33 23-0040	LF	10" x 10", NEMA 3R, Surface Mounted Wireway With Screw Cover	72.43	7.16
		For Combination Hinged Screw Cover, Add	*2.90*	
		For Concrete Or Masonry Surface, Add	*0.72*	
26 05 33 23-0041	EA	10" x 10", End Plate For Surface Mounted Wireway With Screw Cover	17.27	5.65
		For Combination Hinged Screw Cover, Add	*0.30*	
26 05 33 23-0042	EA	10" x 10", Coupling For Surface Mounted Wireway With Screw Cover	28.58	11.31
		For Combination Hinged Screw Cover, Add	*0.30*	
26 05 33 23-0043	EA	10" x 10", Panel Adapter For Surface Mounted Wireway With Screw Cover	67.74	22.46
		For Combination Hinged Screw Cover, Add	*1.14*	
26 05 33 23-0044	EA	10" x 10", Elbow For Surface Mounted Wireway With Screw Cover	107.87	22.46
		For Combination Hinged Screw Cover, Add	*3.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0045	EA	10" x 10", Tee For Surface Mounted Wireway With Screw Cover	156.98	28.34
		For Combination Hinged Screw Cover, Add	*5.02*	
26 05 33 23-0046	EA	10" x 10", Cross For Surface Mounted Wireway With Screw Cover	214.86	32.03
		For Combination Hinged Screw Cover, Add	*7.54*	

26 05 33 23-0047 12" x 12", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0048	LF	12" x 12", NEMA 1, Surface Mounted Wireway With Screw Cover	52.30	8.67
		For Combination Hinged Screw Cover, Add	*1.75*	
		For Concrete Or Masonry Surface, Add	*0.87*	
26 05 33 23-0049	LF	12" x 12", NEMA 3R, Surface Mounted Wireway With Screw Cover	80.56	8.67
		For Combination Hinged Screw Cover, Add	*3.16*	
		For Concrete Or Masonry Surface, Add	*0.87*	
26 05 33 23-0050	EA	12" x 12", End Plate For Surface Mounted Wireway With Screw Cover	21.17	6.03
		For Combination Hinged Screw Cover, Add	*0.46*	
26 05 33 23-0051	EA	12" x 12", Coupling For Surface Mounted Wireway With Screw Cover	33.23	12.06
		For Combination Hinged Screw Cover, Add	*0.46*	
26 05 33 23-0052	EA	12" x 12", Panel Adapter For Surface Mounted Wireway With Screw Cover	83.44	24.49
		For Combination Hinged Screw Cover, Add	*1.72*	
26 05 33 23-0053	EA	12" x 12", Elbow For Surface Mounted Wireway With Screw Cover	136.58	24.49
		For Combination Hinged Screw Cover, Add	*4.38*	
26 05 33 23-0054	EA	12" x 12", Tee For Surface Mounted Wireway With Screw Cover	174.57	30.15
		For Combination Hinged Screw Cover, Add	*5.71*	
26 05 33 23-0055	EA	12" x 12", Cross For Surface Mounted Wireway With Screw Cover	267.91	33.92
		For Combination Hinged Screw Cover, Add	*10.00*	

26 05 33 23-0056 Surface Metal Raceways *(26 05 33 23-0001)*

Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.

26 05 33 23-0057 One Piece Surface Metal Raceways *(26 05 33 23-0056)*

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).

26 05 33 23-0058 #500, 3/4" x 17/32" *(26 05 33 23-0057)*

Note: Available in ivory.

26 05 33 23-0059	LF	#500 Raceway	3.30	1.13
		For Concrete Or Masonry Surface, Add	*0.11*	
26 05 33 23-0060	EA	#502 Bushing	3.26	1.50
26 05 33 23-0061	EA	#504 One Or Two Hole Strap	3.30	1.50
26 05 33 23-0062	EA	#506 Connection Cover	3.41	1.50
26 05 33 23-0063	EA	#511 Flat 90 Degree Elbow	5.14	1.80
26 05 33 23-0064	EA	#512 Flat 45 Degree Elbow	8.45	1.88
26 05 33 23-0065	EA	#517 Adjustable Internal Elbow	6.39	2.27
26 05 33 23-0066	EA	#518 Adjustable External Elbow	6.25	2.27

26 05 33 23-0067 #700, 3/4" x 21/32" *(26 05 33 23-0057)*

Note: Available in ivory.

26 05 33 23-0068	LF	#700 Raceway	4.20	1.50
		For Concrete Or Masonry Surface, Add	*0.15*	
26 05 33 23-0069	EA	#702 Bushing	3.34	1.50
26 05 33 23-0070	EA	#704 One Or Two Hole Strap	3.45	1.50
26 05 33 23-0071	EA	#706 Connection Cover	3.46	1.50
26 05 33 23-0072	EA	#711 Flat 90 Degree Elbow	7.62	3.02
26 05 33 23-0073	EA	#712 Flat 45 Degree Elbow	11.86	3.02
26 05 33 23-0074	EA	#717 Adjustable Internal Elbow	8.21	3.02
26 05 33 23-0075	EA	#718 Adjustable External Elbow	7.93	3.02

26 05 33 23-0076 #500 And 700 Fittings *(26 05 33 23-0057)*

Note: Available in ivory.

26 05 33 23-0077	EA	#5700F 18" Flex Fitting, For #500 Or 700	22.62	2.27
26 05 33 23-0078	EA	#5701 Galvanized Coupling, For #500 Or 700	3.42	1.50
26 05 33 23-0079	EA	#5703 Supporting Clip, For #500 Or 700	3.44	1.50
26 05 33 23-0080	EA	#5709 Ground Clamp	9.54	2.27
26 05 33 23-0081	EA	#5711 Twisted Internal Ell (Right Or Left)	9.76	3.02
26 05 33 23-0082	EA	#5715 Tee	11.16	3.77
26 05 33 23-0083	EA	#5719 Corner Box, 2-1/2" x 2-3/8" x 2-1/2"	19.74	3.02
26 05 33 23-0084	EA	#57242 Utility Box For #200, #500 Or #700	14.19	3.02
26 05 33 23-0085	EA	#5731 Blank Cover, 2-3/8" Diameter	7.57	1.88
26 05 33 23-0086	EA	#5733 Outlet Box, 3" Diameter	17.16	3.02
26 05 33 23-0087	EA	#5735 Distribution Box, 4-3/4" Square x 1-3/8" Deep	17.54	3.02
26 05 33 23-0088	EA	#5736 Blank Cover, 4-3/8"	8.03	1.88
26 05 33 23-0089	EA	#5737 Extension Box/Open Base, 4-3/4" Diameter	16.43	3.02
26 05 33 23-0090	EA	#5737A Extension Box/Open Base, 5-1/2" Diameter	16.67	3.02
26 05 33 23-0091	EA	#5739A Extension Box/Open Base, 6-3/8" Diameter	18.69	3.02
26 05 33 23-0092	EA	#5738 Fixture Box/Solid Base, 4-3/4" Diameter	15.72	3.02
26 05 33 23-0093	EA	#5738A Fixture Box/Solid Base, 5-1/2" Diameter	15.89	3.02
26 05 33 23-0094	EA	#5739 Fixture Box/Solid Base, 6-3/8"	17.66	3.02
26 05 33 23-0095	EA	#57240 Standard Switch Box For #200, #500, Or #700	22.01	4.90
26 05 33 23-0096	EA	#57243G Duplex Receptacle And Box, Ground, For #200, #500 Or #700	33.25	9.42
26 05 33 23-0097	EA	#5741 Switch And Receptacle Box For Shallow Type Switches, 2-13/16" x 4-5/8" x 1-3/8"	16.65	4.90
26 05 33 23-0098	EA	#5744 Extra Deep Switch And Receptacle Box, 1 Gang, 4-5/8" x 2-7/8" x 2-3/4"	25.28	4.90
26 05 33 23-0099	EA	#5744-2 Extra Deep Switch And Receptacle Box, 2 Gang, 4-3/4" x 4-3/4" x 2-3/4"	29.27	4.90
26 05 33 23-0100	EA	#5744-3 Extra Deep Switch And Receptacle Box, 3 Gang, 4-5/8" x 6-1/2" x 2-3/4"	42.37	4.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0101	EA	#5744S Signal Box 1 Gang	22.91	4.14
26 05 33 23-0102	EA	#5744S2 Signal Box 2 Gang	25.53	4.14
26 05 33 23-0103	EA	#5744S3 Signal Box 3 Gang	39.54	4.14
26 05 33 23-0104	EA	#5745 Combination Switch And Receptacle Box With 1/2" KO's, 4-5/8" x 2-7/8" x 1-3/4"	16.41	4.90
26 05 33 23-0105	EA	#5747 Shallow Switch And Receptacle Box For Standard Shallow Devices, 1 Gang, 4-5/8" x 2-7/8" x 1-3/8"	15.18	4.90
26 05 33 23-0106	EA	#5747-2 Shallow Switch And Receptacle Box For Standard Shallow Devices, 2 Gang, 4-3/4" x 4-3/4" x 1-3/8"	20.25	4.90
26 05 33 23-0107	EA	#5747-3 Shallow Switch And Receptacle Box For Standard Shallow Devices, 3 Gang, 4-5/8" x 6-1/2" x 2-3/4"	39.51	4.90
26 05 33 23-0108	EA	#5748 Switch And Receptacle Box For Deep Devices, 1 Gang, 4-5/8" x 2-7/8" x 1-3/4"	16.31	4.90
26 05 33 23-0109	EA	#5748-2 Switch And Receptacle Box For Deep Devices, 2 Gang, 4-3/4" x 4-3/4" x 1-3/4"	21.52	4.90
26 05 33 23-0110	EA	#5748-3 Switch And Receptacle Box For Deep Devices, 3 Gang, 4-5/8" x 6-1/2" x 1-3/4"	38.89	4.90
26 05 33 23-0111	EA	#5748-4 Switch And Receptacle Box For Deep Devices, 4 Gang, 4-5/8" x 8-11/32" x 1-3/4"	57.17	4.90
26 05 33 23-0112	EA	#5748-S Shallow Switch And Receptacle Box For Shallow Duplex Devices, 4-3/8" x 2-7/8" x 15/16"	15.41	4.90
26 05 33 23-0113	EA	#5751 Flush-Type Extension Adapter, 1 Gang, 4-5/8" x 2-7/8" x 15/16"	15.61	4.90
26 05 33 23-0114	EA	#5751-2 Flush-Type Extension Adapter, 2 Gang, 4-3/4" x 4-3/4" x 15/16"	21.16	4.90
26 05 33 23-0115	EA	#5751-3 Flush-Type Extension Adapter, 3 Gang, 4-5/8" x 6-1/2" x 15/16"	39.10	4.90
26 05 33 23-0116	EA	#5760 Blank Ext. Box	10.45	1.88
26 05 33 23-0117	EA	#5780 Special Nipple, 1/2"	9.84	1.88
26 05 33 23-0118	EA	#5781 1/2" Box Connector	6.56	1.88
26 05 33 23-0119	EA	#5781A 3/4" Box Connector	12.42	2.27
26 05 33 23-0120	EA	#5784 1/2" Elbow Conduit Connector	13.90	2.27
26 05 33 23-0121	EA	#5785 Combination Connector, To Any 3-1/4" Or 4" Outlet Box	7.75	2.27
26 05 33 23-0122	EA	#5782 1/2" Conduit Connector	6.67	1.88
26 05 33 23-0123	EA	#5782A 3/4" Conduit Connector	15.34	2.27
26 05 33 23-0124	EA	#5786 Offset Connector	13.36	2.27
26 05 33 23-0125	EA	#5790B Armor Cable Connector	6.75	1.88

26 05 33 23-0126 #1500, 1-9/16" x 11/32" *(26 05 33 23-0057)*

Note: Galvanized finish.

26 05 33 23-0127	LF	#1500-10 Raceway	5.88	1.88
		For Concrete Or Masonry Surface, Add	*0.19*	
26 05 33 23-0128	EA	#1500WC Wire Clip	3.56	1.50
26 05 33 23-0129	EA	#1502 Bushing	4.42	1.88
26 05 33 23-0130	EA	#1504 2-Hole Strap	5.07	2.27
26 05 33 23-0131	EA	#1511 Flat Elbow	19.66	7.16
26 05 33 23-0132	EA	#1517 Internal Elbow	19.66	7.16
26 05 33 23-0133	EA	#1518 External Elbow	21.15	7.16
26 05 33 23-0134	EA	#1528 Utility Box	19.68	4.90
26 05 33 23-0135	EA	#1542D Junction Box	19.29	4.90
26 05 33 23-0136	EA	#1543GL Duplex Receptacle	37.38	9.42
26 05 33 23-0137	EA	#1546A Single Receptacle Box	21.12	4.90
26 05 33 23-0138	EA	#1546B Duplex Receptacle Box	23.62	4.90
26 05 33 23-0139	EA	#1546T Telephone Box	23.41	4.90
26 05 33 23-0140	EA	#1585 Combination Connection	11.21	2.27

26 05 33 23-0141 #2600, 2-7/32" x 28/32" *(26 05 33 23-0057)*

Note: Galvanized finish.

26 05 33 23-0142	LF	#2600-10 Raceway	10.10	3.39
		For Concrete Or Masonry Surface, Add	*0.34*	
26 05 33 23-0143	EA	#2600WC Wire Clip	3.67	1.50
26 05 33 23-0144	EA	#2602 Fiber Bushing	4.07	1.50
26 05 33 23-0145	EA	#2611 2-5/8 90 Degree Flat Elbow	13.74	2.64
26 05 33 23-0146	EA	#2642D Junction Box, 5" Diameter	20.48	3.77
26 05 33 23-0147	EA	#2686 Service Fitting	20.99	4.52

26 05 33 23-0148 Two Piece Surface Metal Raceways *(26 05 33 23-0056)*

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).

26 05 33 23-0149 #2000, 3/4" x 1-9/32" *(26 05 33 23-0148)*

26 05 33 23-0150	LF	#2000BC Raceway Base And Cover	5.78	1.88
		For Concrete Or Masonry Surface, Add	*0.19*	
26 05 33 23-0151	EA	#2000WC Wire Clip	2.71	1.50
26 05 33 23-0152	EA	#2001 Coupling	7.34	1.88
26 05 33 23-0153	EA	#2003 Supporting Clip	3.43	1.13
26 05 33 23-0154	EA	#2006 Cover Clip	3.18	1.13
26 05 33 23-0155	EA	#2009 Ground Clamp	8.00	1.88
26 05 33 23-0156	EA	#2010A2 Entrance End Fitting	16.28	5.65
26 05 33 23-0157	EA	#2010A3 Entrance End Fitting	27.11	7.54
26 05 33 23-0158	EA	#2010B Blank End Fitting	4.45	1.88
26 05 33 23-0159	EA	#2011 Flat 90 Degree Elbow	14.03	4.90
26 05 33 23-0160	EA	#2015 Tee	25.29	7.09
26 05 33 23-0161	EA	#2017TC Internal Corner Coupling	9.18	3.77
26 05 33 23-0162	EA	#2048 Single Gang device Box	21.11	6.71
26 05 33 23-0163	EA	#2048-2 2-Gang device Box	32.46	7.46
26 05 33 23-0164	EA	#2051H Flush Plate Adapter	22.83	7.46
26 05 33 23-0165	EA	#2089 Side Reducing Connector	18.65	3.77
26 05 33 23-0166	EA	#2089E End Reducing Connector	7.62	1.88

26 05 33 23-0167 #2100, 1-1/4" x 7/8" *(26 05 33 23-0148)*

Note: Available in buff, gray enamel or ivory.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0168	LF	#2100B Raceway Base	5.52	1.88
		For Concrete Or Masonry Surface, Add	*0.19*	
26 05 33 23-0169	LF	#2100CA Raceway Cover	1.76	0.38
26 05 33 23-0170	EA	#2100WC Wire Clip	2.74	1.50
26 05 33 23-0171	EA	#2101 Coupling	7.52	1.88
26 05 33 23-0172	EA	#2101A Rigid Coupling	6.20	1.88
26 05 33 23-0173	EA	#2106 Cover Clip	3.09	1.13
26 05 33 23-0174	EA	#2109 Grounding Adapter	11.71	3.77
26 05 33 23-0175	EA	#2110A 2-5/16" Entrance End Fitting	16.61	5.65
26 05 33 23-0176	EA	#2110B Blank End Fitting	6.11	1.88
26 05 33 23-0177	EA	#2110C1 3-1/2" Entrance End Fitting	31.35	5.65
26 05 33 23-0178	EA	#2111 Flat 90 Degree Elbow	17.39	5.65
26 05 33 23-0179	EA	#2115 Tee	19.54	5.57
26 05 33 23-0180	EA	#2117TC Internal Coupling	16.05	5.57
26 05 33 23-0181	EA	#2118A External Coupling	20.75	5.57
26 05 33 23-0182	EA	#2135 Distribution Box	48.52	11.31
26 05 33 23-0183	EA	#2141 Switch And Receptacle Box For Shallow Devices, 1 Gang, 4-5/8" x 2-7/8" x 1-3/8"	19.54	4.90
26 05 33 23-0184	EA	#2141-2 Switch And Receptacle Box For Shallow Devices, 2 Gang, 4-3/4" x 4-3/4" x 1-3/8"	40.78	4.90
26 05 33 23-0185	EA	#2144 Extra Deep Switch And Receptacle, 1 Gang, 4-5/8" x 2-7/8" x 2-3/4"	25.46	4.90
26 05 33 23-0186	EA	#2144-2 Extra Deep Switch And Receptacle Box, 2 Gang, 4-3/4" x 4-3/4" x 2-3/4"	46.81	4.90
26 05 33 23-0187	EA	#2151 Flush Type Extension Adapter, 1 Gang, 4-5/8" x 2-7/8" x 1-3/8"	16.66	3.02
26 05 33 23-0188	EA	#2151-2 Flush Type Extension Adapter, 2 Gang, 4-3/4" x 4-3/4" x 1-3/8"	43.82	3.02

26 05 33 23-0189 #2400, 1-7/8" x 7/8" *(26 05 33 23-0148)*

26 05 33 23-0190	LF	#2400B Raceway Base	4.95	1.88
		For Concrete Or Masonry Surface, Add	*0.19*	
26 05 33 23-0191	LF	#2400C Raceway Cover	1.82	0.38
26 05 33 23-0192	EA	#2400WC Wire Clip	2.70	1.50
26 05 33 23-0193	EA	#2401 Coupling	7.29	1.88
26 05 33 23-0194	EA	#2401D Raceway Coupling	5.72	1.88
26 05 33 23-0195	EA	#2406 Cover Clip	3.28	1.13
26 05 33 23-0196	EA	#2410A End Fitting	16.08	5.65
26 05 33 23-0197	EA	#2410C Entrance End Fitting	23.34	5.65
26 05 33 23-0198	EA	#2410B Blank End	4.46	1.88
26 05 33 23-0199	EA	#2411M Flat 90 Degree Elbow	16.96	5.65
26 05 33 23-0200	EA	#2415M Tee	19.86	5.57
26 05 33 23-0201	EA	#2417M Internal Coupling	16.16	5.57
26 05 33 23-0202	EA	#2418M External Coupling	19.54	5.57
26 05 33 23-0203	EA	#2489 Side Reducing Connector	16.90	3.02

26 05 33 23-0204 #3000, 2-3/4" x 1-17/32" *(26 05 33 23-0148)*

Note: Available in both gray enamel and ivory.

26 05 33 23-0205	LF	#3000B Raceway Base	9.52	3.39
		For Concrete Or Masonry Surface, Add	*0.34*	
26 05 33 23-0206	LF	#3000CE Raceway Cover	2.18	0.38
26 05 33 23-0207	EA	#3000WC Wire Clips For Conductors	3.59	1.50
26 05 33 23-0208	EA	#3001 Couplings	9.40	1.50
26 05 33 23-0209	EA	#3001A Rigid Inside Coupling	8.95	1.88
26 05 33 23-0210	EA	#3003 Supporting Clip	6.71	1.88
26 05 33 23-0211	EA	#3006E Clip Cover	3.93	1.50
26 05 33 23-0212	EA	#3007C Device Brackets	10.08	3.02
26 05 33 23-0213	EA	#3008C C-Hanger	10.91	2.27
26 05 33 23-0214	EA	#3010AE Entrance End Fitting For Connecting To 1/2" Conduit Or Armored Connectors	23.06	7.16
26 05 33 23-0215	EA	#3010B Blank End Fittings	8.61	3.02
26 05 33 23-0216	EA	#3010C Entrance End Fitting For Connecting To Rigid Or Flexible Conduit	25.39	7.16
26 05 33 23-0217	EA	#3011E Flat 90 Degree Elbow	37.61	9.34
26 05 33 23-0218	EA	#3014C Wall Box Connector	28.09	9.42
26 05 33 23-0219	EA	#3015E Tee Fitting	52.37	11.68
26 05 33 23-0220	EA	#3017TCE Internal Corner Coupling	24.95	7.16
26 05 33 23-0221	EA	#3018AE External Corner	30.52	7.16
26 05 33 23-0222	EA	#3027AE Single Receptacle Cover, With Face Diameters Of 1.38"-1.4"	22.07	7.16
26 05 33 23-0223	EA	#3028 Utility Box	37.81	7.16
26 05 33 23-0224	EA	#3033JE Single Receptacle Cover, With Face Diameters Of 1.56"-1.57"	11.52	1.88
26 05 33 23-0225	EA	#3036HE Blank Cover	13.30	1.88
26 05 33 23-0226	EA	#3040CE Switch Cover	11.72	1.88
26 05 33 23-0227	EA	#3044-2 Extra Deep Switch And Receptacle Box, 2 Gang	38.42	7.16
26 05 33 23-0228	EA	#3046BE Duplex Receptacle Cover	12.02	2.27

26 05 33 23-0229 #4000, 4-3/4" x 1-3/4" *(26 05 33 23-0148)*

Note: Available in gray enamel or ivory.

26 05 33 23-0230	LF	#4000B-10 Raceway Base	11.61	3.39
		For Concrete Or Masonry Surface, Add	*0.37*	
26 05 33 23-0231	LF	#4000C Raceway Cover	3.98	0.38
26 05 33 23-0232	LF	#4000D Divider	1.98	0.38
26 05 33 23-0233	EA	#4000WC Wire Clips For Conductors	4.40	1.88
26 05 33 23-0234	EA	#4001A Couplings	11.47	2.27
26 05 33 23-0235	EA	#4001D Divider Clip	5.53	2.27
26 05 33 23-0236	EA	#4007C-1 Device Plate, 1 Gang	12.39	4.90
26 05 33 23-0237	EA	#4007C-1R Single Device Fitting	15.65	4.90
26 05 33 23-0238	EA	#4007C-2 Device Plate, 2 Gang	13.14	4.90
26 05 33 23-0239	EA	#4010B Blank End Fittings	12.16	3.02
26 05 33 23-0240	EA	#4010D Entrance End Fitting	46.34	11.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0241	EA	#4011 Flat 90 Degree Elbow	42.52	9.42
26 05 33 23-0242	EA	#4012TX Internal Or External 45 Degree Elbow	49.40	11.68
26 05 33 23-0243	EA	#4014A Wall Box Connector	65.87	11.68
26 05 33 23-0244	EA	#4015 Tee Fitting	68.32	11.68
26 05 33 23-0245	EA	#4015D Divided Tee Fitting	72.91	11.68
26 05 33 23-0246	EA	#4017 Internal Elbow	38.87	11.68
26 05 33 23-0247	EA	#4017N Inverted Internal Elbow	42.35	11.68
26 05 33 23-0248	EA	#4017TC Internal Corner Coupling	36.57	11.68
26 05 33 23-0249	EA	#4018 External Elbow	56.04	11.68
26 05 33 23-0250	EA	#4046A Or B Combination Single Or Double Receptacle And Telephone Outlet Cover	18.64	4.90
26 05 33 23-0251	EA	#4046H Tap-Off Fitting	16.65	4.90
26 05 33 23-0252	EA	#4046J Combination Single Receptacle And Phone Outlet Center	14.35	2.27
26 05 33 23-0253	EA	#4046T Telephone Outlet Cover	13.35	1.88
26 05 33 23-0254	EA	#4074A Take-off Connector, #4000 To #3000	90.86	11.68
26 05 33 23-0255	EA	#4086A Panel Connector	65.18	22.24
26 05 33 23-0256		#6000, 4-3/4" x 3-9/16" *(26 05 33 23-0148)*		
		Note: Available in gray enamel or ivory.		
26 05 33 23-0257	LF	#6000B-10 Raceway Base	16.76	4.14
		For Concrete Or Masonry Surface, Add	*0.41*	
26 05 33 23-0258	LF	#6000C Raceway Cover	4.78	1.13
26 05 33 23-0259	LF	#6000D Divider	4.88	1.13
26 05 33 23-0260	EA	#6000WC Wire Clips For Conductors	4.96	1.88
26 05 33 23-0261	EA	#6001A Couplings	14.13	3.77
26 05 33 23-0262	EA	#6001D Divider Clip	6.22	1.88
26 05 33 23-0263	EA	#6001TX Converter Coupling	17.75	4.90
26 05 33 23-0264	EA	#6006 Connection Cover	17.37	4.90
26 05 33 23-0265	EA	#6007C-1 Single Gang Device Plate	17.98	4.90
26 05 33 23-0266	EA	#6007C-2 Two Gang Device Plate	19.42	4.90
26 05 33 23-0267	EA	#6008A C-Hanger	27.68	7.16
26 05 33 23-0268	EA	#6010B Blank End Fittings	31.29	11.31
26 05 33 23-0269	EA	#6011TX Combination Flat Elbow	57.25	11.31
26 05 33 23-0270	EA	#6012TX Internal - External 45 Degree Elbow	56.78	10.86
26 05 33 23-0271	EA	#6014A Connector Fitting	82.06	11.68
26 05 33 23-0272	EA	#6017TX Combination Internal-External Elbow	59.53	12.81
26 05 33 23-0273	EA	#6046KD Circuit Breaker Housing	98.98	12.81
26 05 33 23-0274	EA	#6074 Take-off Connector, #6000 To #6000	103.97	11.31
26 05 33 23-0275	EA	#6074A Take-off Connector, #6000 To #4000	103.97	11.31
26 05 33 23-0276	EA	#6086 Panel Connector	67.37	26.23
26 05 33 23-0277		Surface Metal Raceway With Outlets *(26 05 33 23-0056)*		
		Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).		
26 05 33 23-0278	LF	Plugmold #2000, 3' With Outlets 6" On Center, Single Circuit	23.31	6.01
		For Concrete Or Masonry Surface, Add	*0.60*	
26 05 33 23-0279	LF	Plugmold #2000, 6' With Outlets 6" On Center, Single Circuit	18.35	4.29
		For Concrete Or Masonry Surface, Add	*0.43*	
26 05 33 23-0280	LF	Plugmold #2000, 6' With Outlets 9" On Center, Single Circuit	16.91	4.53
		For Concrete Or Masonry Surface, Add	*0.45*	
26 05 33 23-0281	LF	Plugmold #2000, 6' With Outlets 12" On Center, Single Circuit	15.93	4.29
		For Concrete Or Masonry Surface, Add	*0.43*	
26 05 33 23-0282	LF	Plugmold #2000, 6' With Outlets 18" On Center, Single Circuit	14.85	4.37
		For Concrete Or Masonry Surface, Add	*0.44*	
26 05 33 23-0283	LF	Plugmold #2000, 6' With Outlets 9" On Center, Two Circuits	21.94	4.29
		For Concrete Or Masonry Surface, Add	*0.43*	
26 05 33 23-0284	LF	Plugmold #2000, 6' With Outlets 12" On Center, Two Circuits	18.93	4.29
		For Concrete Or Masonry Surface, Add	*0.43*	
26 05 33 23-0285	LF	Plugmold #2000, 6' With Outlets 18" On Center, Two Circuits	17.77	4.29
		For Concrete Or Masonry Surface, Add	*0.43*	
26 05 33 23-0286		Surface Non-Metallic Raceways *(26 05 33 23-0001)*		
		Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.		
26 05 33 23-0287		Wiremold Non-Metallic Raceways *(26 05 33 23-0286)*		
		Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.		
26 05 33 23-0288		#400, 7/16" x 7/8" *(26 05 33 23-0287)*		
26 05 33 23-0289	LF	#400BC Raceway Base And Cover	4.81	1.50
		For Adhesive Back, Add	*0.00*	
		For Concrete Or Masonry Surface, Add	*0.15*	
26 05 33 23-0290	EA	#400WC Wire Clip	3.31	1.50
26 05 33 23-0291	EA	#406 Cover Clip	3.49	1.50
26 05 33 23-0292	EA	#410B Blank End Clip	6.70	3.02
26 05 33 23-0293	EA	#411 Flat 90 Degree Elbow	7.82	3.02
26 05 33 23-0294	EA	#415 Tee	9.88	3.77
26 05 33 23-0295	EA	#417 Internal Elbow	7.69	3.02
26 05 33 23-0296	EA	#418 External Elbow	7.69	3.02
26 05 33 23-0297		#800, 7/16" x 1-5/16" *(26 05 33 23-0287)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0298	LF	#800BC Raceway Base And Cover	5.10	1.50
		For Adhesive Back, Add	*0.03*	
		For Concrete Or Masonry Surface, Add	*0.15*	
26 05 33 23-0299	EA	#800WC Wire Clip	3.37	1.50
26 05 33 23-0300	EA	#806 Cover Clip	3.44	1.50
26 05 33 23-0301	EA	#810A2 Entrance End Fitting	11.67	3.02
26 05 33 23-0302	EA	#810B Blank End Fitting	6.78	3.02
26 05 33 23-0303	EA	#811 Flat 90 Degree Elbow	7.89	3.02
26 05 33 23-0304	EA	#815 Tee	9.95	3.77
26 05 33 23-0305	EA	#817 Internal Elbow	7.75	3.02
26 05 33 23-0306	EA	#818 External Elbow	7.75	3.02
26 05 33 23-0307	EA	#889A End Reducer, #800 To #400	8.76	3.02
26 05 33 23-0308		#2300, 11/16" x 2-1/4" *(26 05 33 23-0287)*		
26 05 33 23-0309	LF	#2300BC Raceway Base And Cover	5.90	1.50
		For Adhesive Back, Add	*0.15*	
		For Concrete Or Masonry Surface, Add	*0.15*	
26 05 33 23-0310	EA	#2300WC Wire Clip	3.42	1.50
26 05 33 23-0311	EA	#2306 Cover Clip	3.74	1.50
26 05 33 23-0312	EA	#2310A Entrance End Fitting	11.56	3.02
26 05 33 23-0313	EA	#2310B Blank End Fitting	7.17	3.02
26 05 33 23-0314	EA	#2311 Flat 90 Degree Elbow	8.04	3.02
26 05 33 23-0315	EA	#2315 Tee	9.98	3.77
26 05 33 23-0316	EA	#2317 Internal Elbow	8.04	3.02
26 05 33 23-0317	EA	#2318 External Elbow	8.04	3.02
26 05 33 23-0318	EA	#2389A End Reducer, #2300 To #800	9.38	3.02
26 05 33 23-0319	EA	#2389 End Reducer, #2300 To #400	9.02	3.02
26 05 33 23-0320		#400, #800 Or #2300 Fittings *(26 05 33 23-0287)*		
26 05 33 23-0321	EA	#2336 Blank Cover, 4-1/2" Diameter	10.11	2.64
26 05 33 23-0322	EA	#2337A Extension Box, 5-1/2" Diameter	16.77	3.02
26 05 33 23-0323	EA	#2338-A Fixture Box, 5-1/2" Diameter	16.77	3.02
26 05 33 23-0324	EA	#2344 Extra Deep Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide	15.02	3.02
26 05 33 23-0325	EA	#2344-2 Extra Deep Device Box, 2 Gang, 2-3/4" Deep x 4-3/4" Long x 4-7/8" Wide	17.24	3.02
26 05 33 23-0326	EA	#2347 1-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 3" Wide	14.55	4.90
26 05 33 23-0327	EA	#2347-2 2-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 4-7/8" Wide	16.85	4.90
26 05 33 23-0328	EA	#2348 1-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide	15.19	4.90
26 05 33 23-0329	EA	#2348-2 2-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 4-7/8" Wide	18.54	4.90
26 05 33 23-0330	EA	#2348-3 3-Gang Deep Device Box, 1-3/4" Deep x 5" Long x 7" Wide	23.13	4.90
26 05 33 23-0331	EA	#2348S/51 Shallow Device And Extension Box, 7/8" Deep x 4-3/4" Long x 3" Wide	14.37	4.90
26 05 33 23-0332		#2700, 3/4" x 3/8" *(26 05 33 23-0287)*		
26 05 33 23-0333	LF	#2700 Raceway	4.21	1.50
		For Concrete Or Masonry Surface, Add	*0.15*	
26 05 33 23-0334	EA	#2700WC 3/4" Wire Clip	1.75	0.75
26 05 33 23-0335	EA	#2706 Cover Clip	2.69	0.75
26 05 33 23-0336	EA	#2710B Blank End	4.21	1.50
26 05 33 23-0337	EA	#2711 Flat 90 Degree Elbow	4.96	1.88
26 05 33 23-0338	EA	#2715 Tee	7.98	3.39
26 05 33 23-0339	EA	#2717 Internal Elbow	5.71	2.27
26 05 33 23-0340	EA	#2718 External Elbow	5.71	2.27
26 05 33 23-0341	EA	#2786 Drop Ceiling Connector	6.77	2.64
26 05 33 23-0342		#2800, 1" x 1/2" *(26 05 33 23-0287)*		
26 05 33 23-0343	LF	#2800 Raceway	5.29	1.88
		For Concrete Or Masonry Surface, Add	*0.19*	
26 05 33 23-0344	EA	#2800WC 1" Wire Clip	2.62	1.13
26 05 33 23-0345	EA	#2806 Cover Clip	3.56	1.13
26 05 33 23-0346	EA	#2810B Blank End	5.06	1.88
26 05 33 23-0347	EA	#2811 Flat 90 Degree Elbow	6.56	2.64
26 05 33 23-0348	EA	#2815 Tee	9.58	4.14
26 05 33 23-0349	EA	#2817 Internal Elbow	7.32	3.02
26 05 33 23-0350	EA	#2818 External Elbow	7.32	3.02
26 05 33 23-0351	EA	#2886 Drop Ceiling Connector	8.29	3.39
26 05 33 23-0352	EA	#2889 2800-2700 Reducer	7.53	3.02
26 05 33 23-0353		#2900, 1-1/2" x 3/4" *(26 05 33 23-0287)*		
26 05 33 23-0354	LF	#2900 Raceway	6.45	2.27
		For Concrete Or Masonry Surface, Add	*0.23*	
26 05 33 23-0355	EA	#2900WC 1-1/2" Wire Clip	3.46	1.50
26 05 33 23-0356	EA	#2906 Cover Clip	4.38	1.50
26 05 33 23-0357	EA	#2910B Blank End	5.88	2.27
26 05 33 23-0358	EA	#2911 Flat 90 Degree Elbow	7.39	3.02
26 05 33 23-0359	EA	#2915 Tee	10.40	4.52
26 05 33 23-0360	EA	#2917 Internal Elbow	8.15	3.39
26 05 33 23-0361	EA	#2918 External Elbow	8.15	3.39
26 05 33 23-0362	EA	#2986 Drop Ceiling Connector	8.29	3.39
26 05 33 23-0363	EA	#2989A 2900-2800 Reducer	9.22	3.77
26 05 33 23-0364	EA	#2989A 2900-2700 Reducer	9.02	3.77

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0365		#5000, 5" *(26 05 33 23-0287)*		
26 05 33 23-0366	LF	#5000B Base	10.16	3.39
		For Concrete Or Masonry Surface, Add	*0.34*	
26 05 33 23-0367	LF	#5000C Cover, Black, Gray Or White	9.59	3.39
26 05 33 23-0368	LF	#5000C Cover, Vinyl, Black Or Gray	9.59	3.39
26 05 33 23-0369	LF	#5000C Cover, Oak Veneer	16.20	3.39
26 05 33 23-0370	LF	#5000C Cover, Wood	13.46	3.39
26 05 33 23-0371	LF	#5000T Quarter Round Trim, Black, Gray Or White	1.40	0.38
26 05 33 23-0372	LF	#5000T Quarter Round Trim, Vinyl, Black Or Gray	1.40	0.38
26 05 33 23-0373	LF	#5000T Quarter Round Trim, Oak Veneer	4.82	0.38
26 05 33 23-0374	LF	#5000T Quarter Round Trim, Wood Veneer	3.04	0.38
26 05 33 23-0375	EA	#5001 Base Coupling	9.33	3.77
26 05 33 23-0376	EA	#5004 Blank/Coax Adapter	5.49	1.88
26 05 33 23-0377	EA	#5005 Low Voltage Blank Plate	7.33	2.27
26 05 33 23-0378	EA	#5006 Cover Clip	10.28	3.77
26 05 33 23-0379	EA	#5006A Internal Wire Guard	9.38	3.77
26 05 33 23-0380	EA	#5007C Device Bracket	10.85	3.77
26 05 33 23-0381	EA	#5007C-1 Device Plate	19.90	7.54
26 05 33 23-0382	EA	#5007C-2 Deep Device Plate	20.14	7.54
26 05 33 23-0383	EA	#5010 End Cap, Right Or Left	17.04	7.16
26 05 33 23-0384	EA	#5010A Entrance End Feed	33.68	11.68
26 05 33 23-0385	EA	#5017B Internal Base Elbow	22.87	9.42
26 05 33 23-0386	EA	#5017C Internal Cover Elbow	21.00	7.54
26 05 33 23-0387	EA	#5017WG Internal Elbow Wire Guard	14.28	5.65
26 05 33 23-0388	EA	#5018B External Base Elbow	22.93	9.42
26 05 33 23-0389	EA	#5018C External Cover Elbow	21.57	7.54
26 05 33 23-0390	EA	#5018WG External Elbow Wire Guard	9.49	3.77
26 05 33 23-0391		#5400, 5-1/4" x 1-11/16" *(26 05 33 23-0287)*		
26 05 33 23-0392	LF	#5400B Two Compartment Base	10.88	3.39
		For Concrete Or Masonry Surface, Add	*0.34*	
26 05 33 23-0393	LF	#5400TC Cover	2.37	0.38
26 05 33 23-0394	EA	#5400TWC Wire Clips	4.20	1.88
26 05 33 23-0395	EA	#5406 Cover Clip	5.95	2.27
26 05 33 23-0396	EA	#5450 5-5/32" x 6" Device Bracket	16.27	3.77
26 05 33 23-0397	EA	#5450A3 7-19/32" x 7-1/2" Device Bracket	21.59	3.77
26 05 33 23-0398	EA	#5410 End Cap	19.63	7.16
26 05 33 23-0399	EA	#5410D Entrance End Fitting	38.66	11.68
26 05 33 23-0400	EA	#5411 Flat 90 Degree Elbow	35.16	9.42
26 05 33 23-0401	EA	#5415 Tee Fitting	40.67	11.68
26 05 33 23-0402	EA	#5417 Internal Elbow	33.71	11.68
26 05 33 23-0403	EA	#5418 External Elbow	34.21	11.68
26 05 33 23-0404	EA	#5474 Transition Fitting	35.58	11.68
26 05 33 23-0405		#5500, 6-11/16" x 1-11/16" *(26 05 33 23-0287)*		
26 05 33 23-0406	LF	#5500BD Three Compartment Divided Base	13.68	3.39
		For Concrete Or Masonry Surface, Add	*0.34*	
26 05 33 23-0407	LF	#5500C Cover	4.96	0.38
26 05 33 23-0408	LF	#5500D Divider	2.22	0.38
26 05 33 23-0409	EA	#5500WC Wire Clips	4.92	1.88
26 05 33 23-0410	EA	#5506 Cover Clip	8.03	2.27
26 05 33 23-0411	EA	#5550 6-5/8" x 6" Device Bracket	19.35	3.77
26 05 33 23-0412	EA	#5550A4 9-5/8" x 7-1/2" Device Bracket	27.05	3.77
26 05 33 23-0413	EA	#5510 End Cap	21.47	7.16
26 05 33 23-0414	EA	#5510D Entrance End Fitting	44.09	11.68
26 05 33 23-0415	EA	#5511 Flat 90 Degree Elbow	40.81	9.42
26 05 33 23-0416	EA	#5514A Backfeed Connector	31.83	9.42
26 05 33 23-0417	EA	#5515 Tee Fitting	46.71	11.68
26 05 33 23-0418	EA	#5517 Internal Elbow	37.33	11.68
26 05 33 23-0419	EA	#5518 External Elbow	38.44	11.68
26 05 33 23-0420	EA	#5574 Transition Fitting	40.29	11.68
26 05 33 23-0421	EA	#5574A Transition Fitting	49.89	11.68

26 05 36 Cable Trays For Electrical Systems *(26 05)*

26 05 36 00-0001 Cable Trays *(26 05 36)*

Note: Excludes supporting hangers.

26 05 36 00-0002 Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0001)*

26 05 36 00-0003 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0002)*

26 05 36 00-0004 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0005	LF	6" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	23.01	7.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.64*	
26 05 36 00-0006	LF	9" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	24.80	8.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.77*	
26 05 36 00-0007	LF	12" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	27.07	9.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0008	LF	18" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	29.86	9.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.18*	
26 05 36 00-0009	LF	24" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	32.43	10.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.41*	
26 05 36 00-0010	LF	30" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.17	11.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.95*	
26 05 36 00-0011	LF	36" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	44.09	13.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.31*	

26 05 36 00-0012 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0013	LF	6" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	21.87	7.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.54*	
26 05 36 00-0014	LF	9" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	23.58	8.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.67*	
26 05 36 00-0015	LF	12" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	25.24	8.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.78*	
26 05 36 00-0016	LF	18" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	27.46	9.48
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.96*	
26 05 36 00-0017	LF	24" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	29.39	9.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.12*	
26 05 36 00-0018	LF	30" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	34.42	11.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.50*	
26 05 36 00-0019	LF	36" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	37.65	12.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.73*	

26 05 36 00-0020 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0021	LF	6" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	21.15	7.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.48*	
26 05 36 00-0022	LF	9" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	21.81	7.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.52*	
26 05 36 00-0023	LF	12" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	23.84	8.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.68*	
26 05 36 00-0024	LF	18" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	25.92	8.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.85*	
26 05 36 00-0025	LF	24" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	27.82	9.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.02*	
26 05 36 00-0026	LF	30" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	30.30	9.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.21*	
26 05 36 00-0027	LF	36" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	32.61	10.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.37*	

26 05 36 00-0028 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0029	LF	6" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	20.48	7.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.44*	
26 05 36 00-0030	LF	9" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	20.90	7.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.47*	
26 05 36 00-0031	LF	12" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	22.11	7.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.55*	
26 05 36 00-0032	LF	18" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	23.39	8.33
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.65*	
26 05 36 00-0033	LF	24" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	24.18	8.33
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.73*	
26 05 36 00-0034	LF	30" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	26.60	8.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.91*	
26 05 36 00-0035	LF	36" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	28.01	9.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.02*	

26 05 36 00-0036 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0037	LF	6" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	20.18	7.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.42*	
26 05 36 00-0038	LF	9" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	20.54	7.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.44*	
26 05 36 00-0039	LF	12" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	21.75	7.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.53*	
26 05 36 00-0040	LF	18" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	22.82	8.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.61*	
26 05 36 00-0041	LF	24" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	23.16	8.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.64*	
26 05 36 00-0042	LF	30" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	24.65	8.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.73*	
26 05 36 00-0043	LF	36" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	25.75	9.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.81*	

26 05 36 00-0044 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0045		12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0046	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	190.74	82.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.19*	
26 05 36 00-0047	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	214.14	94.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.57*	
26 05 36 00-0048	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	235.70	104.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.90*	
26 05 36 00-0049	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	293.40	127.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.70*	
26 05 36 00-0050	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	334.99	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.29*	
26 05 36 00-0051	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	394.18	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.68*	
26 05 36 00-0052	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	453.63	188.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.66*	
26 05 36 00-0053		24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0054	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	252.60	85.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.09*	
26 05 36 00-0055	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	277.39	98.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.50*	
26 05 36 00-0056	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	300.05	109.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.84*	
26 05 36 00-0057	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	353.58	136.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.98*	
26 05 36 00-0058	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	399.24	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.73*	
26 05 36 00-0059	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	446.68	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.69*	
26 05 36 00-0060	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	521.83	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.83*	
26 05 36 00-0061		36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0062	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	270.83	89.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.59*	
26 05 36 00-0063	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	301.11	104.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.44*	
26 05 36 00-0064	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	327.73	116.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.07*	
26 05 36 00-0065	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	397.19	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.51*	
26 05 36 00-0066	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	454.77	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.14*	
26 05 36 00-0067	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	531.51	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.66*	
26 05 36 00-0068	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	607.66	232.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.39*	
26 05 36 00-0069		12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0070	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	141.05	59.93
		For 60 Degree Bend, Deduct	*-23.58*	
		For 30 Degree Bend, Deduct	*-42.63*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.11*	
26 05 36 00-0071	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	162.63	71.89
		For 60 Degree Bend, Deduct	*-26.12*	
		For 30 Degree Bend, Deduct	*-47.53*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0072	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	181.96	82.45
		For 60 Degree Bend, Deduct	*-28.44*	
		For 30 Degree Bend, Deduct	*-51.98*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.33*	
26 05 36 00-0073	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	220.71	104.21
		For 60 Degree Bend, Deduct	*-32.90*	
		For 30 Degree Bend, Deduct	*-60.62*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.39*	
26 05 36 00-0074	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	273.23	127.63
		For 60 Degree Bend, Deduct	*-41.24*	
		For 30 Degree Bend, Deduct	*-75.83*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.69*	
26 05 36 00-0075	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	321.54	146.51
		For 60 Degree Bend, Deduct	*-49.94*	
		For 30 Degree Bend, Deduct	*-91.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.94*	
26 05 36 00-0076	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	367.35	171.98
		For 60 Degree Bend, Deduct	*-55.29*	
		For 30 Degree Bend, Deduct	*-101.71*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.40*	

26 05 36 00-0077 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0078	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	155.11	61.83
		For 60 Degree Bend, Deduct	*-27.50*	
		For 30 Degree Bend, Deduct	*-49.26*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.36*	
26 05 36 00-0079	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	179.72	74.53
		For 60 Degree Bend, Deduct	*-30.73*	
		For 30 Degree Bend, Deduct	*-55.36*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.76*	
26 05 36 00-0080	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	205.63	86.07
		For 60 Degree Bend, Deduct	*-34.87*	
		For 30 Degree Bend, Deduct	*-62.90*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.39*	
26 05 36 00-0081	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	247.09	109.90
		For 60 Degree Bend, Deduct	*-39.40*	
		For 30 Degree Bend, Deduct	*-71.78*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.55*	
26 05 36 00-0082	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	304.83	136.53
		For 60 Degree Bend, Deduct	*-48.27*	
		For 30 Degree Bend, Deduct	*-88.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.11*	
26 05 36 00-0083	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	356.37	158.38
		For 60 Degree Bend, Deduct	*-56.90*	
		For 30 Degree Bend, Deduct	*-103.64*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.44*	
26 05 36 00-0084	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	420.11	188.55
		For 60 Degree Bend, Deduct	*-66.37*	
		For 30 Degree Bend, Deduct	*-121.09*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.30*	

26 05 36 00-0085 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0086	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	181.11	63.81
		For 60 Degree Bend, Deduct	*-35.32*	
		For 30 Degree Bend, Deduct	*-62.41*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.80*	
26 05 36 00-0087	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	208.15	77.49
		For 60 Degree Bend, Deduct	*-38.99*	
		For 30 Degree Bend, Deduct	*-69.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.36*	
26 05 36 00-0088	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	230.59	89.95
		For 60 Degree Bend, Deduct	*-41.62*	
		For 30 Degree Bend, Deduct	*-74.36*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.56*	
26 05 36 00-0089	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	281.50	116.41
		For 60 Degree Bend, Deduct	*-48.26*	
		For 30 Degree Bend, Deduct	*-86.90*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0090	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	336.67	146.51
		For 60 Degree Bend, Deduct	*-54.93*	
		For 30 Degree Bend, Deduct	*-99.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.46*	
26 05 36 00-0091	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	406.02	171.98
		For 60 Degree Bend, Deduct	*-68.05*	
		For 30 Degree Bend, Deduct	*-122.98*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.27*	
26 05 36 00-0092	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	479.80	208.18
		For 60 Degree Bend, Deduct	*-78.53*	
		For 30 Degree Bend, Deduct	*-142.44*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.63*	

26 05 36 00-0093 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0094	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	202.70	82.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.40*	
26 05 36 00-0095	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	223.77	94.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.53*	
26 05 36 00-0096	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	242.55	104.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.58*	
26 05 36 00-0097	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	284.76	127.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.84*	
26 05 36 00-0098	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	319.26	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.72*	
26 05 36 00-0099	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	355.87	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.85*	
26 05 36 00-0100	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	397.78	188.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.09*	

26 05 36 00-0101 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0102	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	235.64	85.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.40*	
26 05 36 00-0103	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	259.45	98.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.70*	
26 05 36 00-0104	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	281.53	109.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.99*	
26 05 36 00-0105	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	331.07	136.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.73*	
26 05 36 00-0106	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	372.73	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.08*	
26 05 36 00-0107	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	414.41	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.46*	
26 05 36 00-0108	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	476.08	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.26*	

26 05 36 00-0109 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0110	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	274.37	89.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.95*	
26 05 36 00-0111	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	302.59	104.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.58*	
26 05 36 00-0112	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	324.67	116.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.76*	
26 05 36 00-0113	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	385.30	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.32*	
26 05 36 00-0114	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	429.25	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.59*	
26 05 36 00-0115	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	491.89	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.70*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0116	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	560.04	232.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.63*	

26 05 36 00-0117 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0118	EA	6" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	368.50	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.65*	
26 05 36 00-0119	EA	9" HWide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	399.05	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.57*	
26 05 36 00-0120	EA	12" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	418.22	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.84*	
26 05 36 00-0121	EA	18" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	465.59	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.07*	
26 05 36 00-0122	EA	24" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	525.32	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.23*	
26 05 36 00-0123	EA	30" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	578.61	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.45*	
26 05 36 00-0124	EA	36" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	654.89	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.52*	

26 05 36 00-0125 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0126	EA	6" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	450.57	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.72*	
26 05 36 00-0127	EA	9" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	485.91	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.88*	
26 05 36 00-0128	EA	12" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	507.74	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.29*	
26 05 36 00-0129	EA	18" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	521.85	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.88*	
26 05 36 00-0130	EA	24" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	621.41	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.53*	
26 05 36 00-0131	EA	30" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	667.38	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.76*	
26 05 36 00-0132	EA	36" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	799.57	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.57*	

26 05 36 00-0133 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0134	EA	6" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	559.28	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.22*	
26 05 36 00-0135	EA	9" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	601.44	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.79*	
26 05 36 00-0136	EA	12" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	637.71	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.47*	
26 05 36 00-0137	EA	18" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	704.14	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.80*	
26 05 36 00-0138	EA	24" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	799.96	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.47*	
26 05 36 00-0139	EA	30" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	866.70	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.29*	
26 05 36 00-0140	EA	36" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	984.75	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.52*	

26 05 36 00-0141 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0142	EA	6" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	422.17	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.01*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0143		EA	9" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	433.35	152.27
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.64*	
26 05 36 00-0144		EA	12" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	444.99	158.38
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.30*	
26 05 36 00-0145		EA	18" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	470.86	171.98
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.75*	
26 05 36 00-0146		EA	24" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	486.90	179.73
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.71*	
26 05 36 00-0147		EA	30" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	529.59	197.87
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.47*	
26 05 36 00-0148		EA	36" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	573.71	219.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.07*	

26 05 36 00-0149 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0150		EA	6" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	585.48	158.38
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.35*	
26 05 36 00-0151		EA	9" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	601.08	164.89
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.37*	
26 05 36 00-0152		EA	12" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	617.60	171.98
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.43*	
26 05 36 00-0153		EA	18" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	654.51	188.55
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.74*	
26 05 36 00-0154		EA	24" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	679.45	197.87
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.46*	
26 05 36 00-0155		EA	30" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	725.13	219.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.21*	
26 05 36 00-0156		EA	36" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	786.88	247.34
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.08*	

26 05 36 00-0157 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0158		EA	6" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	887.66	171.98
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.43*	
26 05 36 00-0159		EA	9" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	908.38	179.73
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.86*	
26 05 36 00-0160		EA	12" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	930.81	188.55
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.37*	
26 05 36 00-0161		EA	18" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	971.40	208.18
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.79*	
26 05 36 00-0162		EA	24" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	998.31	219.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.53*	
26 05 36 00-0163		EA	30" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,067.86	247.34
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.17*	
26 05 36 00-0164		EA	36" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,134.02	282.38
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.87*	

26 05 36 00-0165 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0166		EA	6" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	459.35	197.87
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.45*	
26 05 36 00-0167		EA	9" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	482.80	208.18
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.93*	
26 05 36 00-0168		EA	12" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	514.39	219.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.13*	
26 05 36 00-0169		EA	18" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	550.51	232.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.64*	
26 05 36 00-0170		EA	24" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	620.55	263.66
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0171	EA	30" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	687.56	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.23*	
26 05 36 00-0172	EA	36" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	749.62	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.58*	

26 05 36 00-0173 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0174	EA	6" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	617.42	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.44*	
26 05 36 00-0175	EA	9" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	647.29	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.32*	
26 05 36 00-0176	EA	12" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	679.17	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.31*	
26 05 36 00-0177	EA	18" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	723.58	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.38*	
26 05 36 00-0178	EA	24" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	810.50	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.67*	
26 05 36 00-0179	EA	30" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	872.77	329.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.80*	
26 05 36 00-0180	EA	36" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	973.82	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.42*	

26 05 36 00-0181 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0182	EA	6" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	763.46	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.73*	
26 05 36 00-0183	EA	9" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	806.31	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.66*	
26 05 36 00-0184	EA	12" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	853.03	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.77*	
26 05 36 00-0185	EA	18" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	929.14	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.53*	
26 05 36 00-0186	EA	24" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,067.48	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.79*	
26 05 36 00-0187	EA	30" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,165.85	395.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.66*	
26 05 36 00-0188	EA	36" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,279.86	440.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.31*	

26 05 36 00-0189 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0190	EA	6" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	517.65	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.28*	
26 05 36 00-0191	EA	9" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	544.03	208.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.05*	
26 05 36 00-0192	EA	12" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	581.06	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.80*	
26 05 36 00-0193	EA	18" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	623.70	232.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.96*	
26 05 36 00-0194	EA	24" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	702.04	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.23*	
26 05 36 00-0195	EA	30" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	785.42	282.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.00*	
26 05 36 00-0196	EA	36" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	857.88	304.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.44*	

26 05 36 00-0197 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0198		EA	6" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	730.51	219.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.75*	
26 05 36 00-0199		EA	9" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	763.90	232.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.98*	
26 05 36 00-0200		EA	12" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	799.29	247.34
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.32*	
26 05 36 00-0201		EA	18" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	851.43	263.66
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.17*	
26 05 36 00-0202		EA	24" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	946.78	304.64
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.30*	
26 05 36 00-0203		EA	30" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,018.18	329.78
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.34*	
26 05 36 00-0204		EA	36" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,142.41	359.46
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.28*	

26 05 36 00-0205 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0206		EA	6" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	921.52	247.34
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.54*	
26 05 36 00-0207		EA	9" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	971.39	263.66
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.17*	
26 05 36 00-0208		EA	12" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,025.14	282.38
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.99*	
26 05 36 00-0209		EA	18" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,118.80	304.64
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.50*	
26 05 36 00-0210		EA	24" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,278.22	359.46
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.86*	
26 05 36 00-0211		EA	30" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,394.15	395.08
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.49*	
26 05 36 00-0212		EA	36" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,525.72	440.09
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.90*	

26 05 36 00-0213 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

26 05 36 00-0214 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0215		EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	183.17	82.70
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.43*	
26 05 36 00-0216		EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	205.97	94.15
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.75*	
26 05 36 00-0217		EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	226.82	104.12
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.01*	
26 05 36 00-0218		EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	281.88	127.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.55*	
26 05 36 00-0219		EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	322.02	146.51
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.99*	
26 05 36 00-0220		EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	377.13	164.89
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.97*	
26 05 36 00-0221		EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	433.70	188.47
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.67*	

26 05 36 00-0222 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0223		EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	236.99	85.99
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.53*	
26 05 36 00-0224		EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	261.30	98.85
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.89*	
26 05 36 00-0225		EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	283.36	109.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0226	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	335.57	136.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.18*	
26 05 36 00-0227	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	379.91	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.80*	
26 05 36 00-0228	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	425.66	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.59*	
26 05 36 00-0229	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	496.85	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.34*	

26 05 36 00-0230 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0231	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	253.54	89.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.86*	
26 05 36 00-0232	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	282.86	104.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.62*	
26 05 36 00-0233	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	308.64	116.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.16*	
26 05 36 00-0234	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	375.34	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.32*	
26 05 36 00-0235	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	430.76	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.74*	
26 05 36 00-0236	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	502.69	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.78*	
26 05 36 00-0237	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	576.19	232.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.25*	

26 05 36 00-0238 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0239	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	135.16	59.93
		For 60 Degree Bend, Deduct	*-21.64*	
		For 30 Degree Bend, Deduct	*-39.39*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.52*	
26 05 36 00-0240	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	156.50	71.89
		For 60 Degree Bend, Deduct	*-24.10*	
		For 30 Degree Bend, Deduct	*-44.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.66*	
26 05 36 00-0241	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	175.60	82.45
		For 60 Degree Bend, Deduct	*-26.34*	
		For 30 Degree Bend, Deduct	*-48.49*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.69*	
26 05 36 00-0242	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	213.99	104.21
		For 60 Degree Bend, Deduct	*-30.68*	
		For 30 Degree Bend, Deduct	*-56.92*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.72*	
26 05 36 00-0243	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	264.58	127.63
		For 60 Degree Bend, Deduct	*-38.39*	
		For 30 Degree Bend, Deduct	*-71.07*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.82*	
26 05 36 00-0244	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	310.49	146.51
		For 60 Degree Bend, Deduct	*-46.29*	
		For 30 Degree Bend, Deduct	*-85.30*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.84*	
26 05 36 00-0245	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	355.83	171.98
		For 60 Degree Bend, Deduct	*-51.49*	
		For 30 Degree Bend, Deduct	*-95.38*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.25*	

26 05 36 00-0246 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0247	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	147.67	61.83
		For 60 Degree Bend, Deduct	*-25.04*	
		For 30 Degree Bend, Deduct	*-45.17*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.62*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0248		EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	171.79	74.53
			For 60 Degree Bend, Deduct	*-28.12*	
			For 30 Degree Bend, Deduct	*-51.00*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.97*	
26 05 36 00-0249		EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	196.75	86.07
			For 60 Degree Bend, Deduct	*-31.94*	
			For 30 Degree Bend, Deduct	*-58.01*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.50*	
26 05 36 00-0250		EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	237.97	109.90
			For 60 Degree Bend, Deduct	*-36.39*	
			For 30 Degree Bend, Deduct	*-66.76*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.64*	
26 05 36 00-0251		EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	293.78	136.53
			For 60 Degree Bend, Deduct	*-44.62*	
			For 30 Degree Bend, Deduct	*-81.95*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.00*	
26 05 36 00-0252		EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	343.16	158.38
			For 60 Degree Bend, Deduct	*-52.54*	
			For 30 Degree Bend, Deduct	*-96.37*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.12*	
26 05 36 00-0253		EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	404.98	188.55
			For 60 Degree Bend, Deduct	*-61.38*	
			For 30 Degree Bend, Deduct	*-112.77*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.79*	

26 05 36 00-0254 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0255		EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	170.42	63.81
			For 60 Degree Bend, Deduct	*-31.79*	
			For 30 Degree Bend, Deduct	*-56.53*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.73*	
26 05 36 00-0256		EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	196.86	77.49
			For 60 Degree Bend, Deduct	*-35.26*	
			For 30 Degree Bend, Deduct	*-63.07*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.23*	
26 05 36 00-0257		EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	219.07	89.95
			For 60 Degree Bend, Deduct	*-37.82*	
			For 30 Degree Bend, Deduct	*-68.02*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.41*	
26 05 36 00-0258		EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	269.01	116.41
			For 60 Degree Bend, Deduct	*-44.13*	
			For 30 Degree Bend, Deduct	*-80.03*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.20*	
26 05 36 00-0259		EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	323.46	146.51
			For 60 Degree Bend, Deduct	*-50.57*	
			For 30 Degree Bend, Deduct	*-92.43*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.14*	
26 05 36 00-0260		EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	388.97	171.98
			For 60 Degree Bend, Deduct	*-62.43*	
			For 30 Degree Bend, Deduct	*-113.60*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.56*	
26 05 36 00-0261		EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	460.83	208.18
			For 60 Degree Bend, Deduct	*-72.27*	
			For 30 Degree Bend, Deduct	*-132.01*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.73*	

26 05 36 00-0262 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0263		EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	197.48	82.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.88*	
26 05 36 00-0264		EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	218.43	94.15
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.99*	
26 05 36 00-0265		EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	237.02	104.12
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.03*	
26 05 36 00-0266		EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	266.48	127.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.01*	
26 05 36 00-0267		EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	313.26	146.51
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0268	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	349.39	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.20*	
26 05 36 00-0269	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	391.05	188.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.42*	

26 05 36 00-0270 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0271	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	228.26	85.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.66*	
26 05 36 00-0272	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	251.89	98.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.94*	
26 05 36 00-0273	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	273.66	109.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.21*	
26 05 36 00-0274	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	322.78	136.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.90*	
26 05 36 00-0275	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	364.03	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.21*	
26 05 36 00-0276	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	405.22	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.54*	
26 05 36 00-0277	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	465.75	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.23*	

26 05 36 00-0278 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0279	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	264.41	89.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.95*	
26 05 36 00-0280	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	292.26	104.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.55*	
26 05 36 00-0281	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	314.22	116.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.72*	
26 05 36 00-0282	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	374.02	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.19*	
26 05 36 00-0283	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	417.85	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.45*	
26 05 36 00-0284	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	478.92	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.40*	
26 05 36 00-0285	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	546.24	232.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.25*	

26 05 36 00-0286 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0287	EA	6" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	360.45	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.85*	
26 05 36 00-0288	EA	9" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	390.41	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.71*	
26 05 36 00-0289	EA	12" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	409.09	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.93*	
26 05 36 00-0290	EA	18" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	455.14	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.03*	
26 05 36 00-0291	EA	24" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	513.07	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.00*	
26 05 36 00-0292	EA	30" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	563.96	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.99*	
26 05 36 00-0293	EA	36" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	638.32	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.86*	

26 05 36 00-0294 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0295	EA	6" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	437.96	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.46*	
26 05 36 00-0296	EA	9" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	472.70	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.56*	
26 05 36 00-0297	EA	12" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	494.05	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.92*	
26 05 36 00-0298	EA	18" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	543.33	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.03*	
26 05 36 00-0299	EA	24" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	605.32	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.92*	
26 05 36 00-0300	EA	30" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	649.85	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.01*	
26 05 36 00-0301	EA	36" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	777.12	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.33*	

26 05 36 00-0302 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0303	EA	6" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	540.43	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.33*	
26 05 36 00-0304	EA	9" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	581.87	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.84*	
26 05 36 00-0305	EA	12" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	616.82	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.38*	
26 05 36 00-0306	EA	18" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	681.69	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.56*	
26 05 36 00-0307	EA	24" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	774.62	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.93*	
26 05 36 00-0308	EA	30" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	839.08	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.53*	
26 05 36 00-0309	EA	36" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	955.09	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.55*	

26 05 36 00-0310 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0311	EA	6" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	408.48	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.64*	
26 05 36 00-0312	EA	9" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	419.54	152.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.26*	
26 05 36 00-0313	EA	12" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	431.06	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.91*	
26 05 36 00-0314	EA	18" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	456.69	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.34*	
26 05 36 00-0315	EA	24" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	472.49	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.27*	
26 05 36 00-0316	EA	30" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	514.22	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.93*	
26 05 36 00-0317	EA	36" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	557.74	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.47*	

26 05 36 00-0318 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0319	EA	6" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	560.75	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.88*	
26 05 36 00-0320	EA	9" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	575.98	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.86*	
26 05 36 00-0321	EA	12" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	592.14	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.88*	
26 05 36 00-0322	EA	18" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	628.33	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0323	EA	24" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	652.55	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.77*	
26 05 36 00-0324	EA	30" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	697.51	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.45*	
26 05 36 00-0325	EA	36" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	758.06	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.19*	

26 05 36 00-0326 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0327	EA	6" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	841.43	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.81*	
26 05 36 00-0328	EA	9" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	861.55	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.18*	
26 05 36 00-0329	EA	12" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	883.38	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.63*	
26 05 36 00-0330	EA	18" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	923.37	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.99*	
26 05 36 00-0331	EA	24" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	949.68	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.66*	
26 05 36 00-0332	EA	30" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,017.43	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.13*	
26 05 36 00-0333	EA	36" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,082.99	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.77*	

26 05 36 00-0334 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0335	EA	6" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	449.38	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.45*	
26 05 36 00-0336	EA	9" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	472.35	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.89*	
26 05 36 00-0337	EA	12" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	502.98	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.99*	
26 05 36 00-0338	EA	18" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	538.02	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.39*	
26 05 36 00-0339	EA	24" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	606.62	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.69*	
26 05 36 00-0340	EA	30" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	670.87	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.56*	
26 05 36 00-0341	EA	36" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	731.01	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.72*	

26 05 36 00-0342 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0343	EA	6" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	598.08	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.50*	
26 05 36 00-0344	EA	9" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	627.36	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.33*	
26 05 36 00-0345	EA	12" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	658.63	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.25*	
26 05 36 00-0346	EA	18" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	701.72	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.20*	
26 05 36 00-0347	EA	24" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	787.21	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.34*	
26 05 36 00-0348	EA	30" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	847.92	329.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.31*	
26 05 36 00-0349	EA	36" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	945.00	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.54*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0350		36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0351	EA	6" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	736.44	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.03*	
26 05 36 00-0352	EA	9" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	778.09	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.84*	
26 05 36 00-0353	EA	12" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	823.61	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.83*	
26 05 36 00-0354	EA	18" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	896.72	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.29*	
26 05 36 00-0355	EA	24" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,031.46	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.19*	
26 05 36 00-0356	EA	30" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,126.82	395.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.76*	
26 05 36 00-0357	EA	36" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,237.83	440.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.11*	
26 05 36 00-0358		12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0359	EA	6" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	503.20	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.83*	
26 05 36 00-0360	EA	9" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	528.89	208.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.53*	
26 05 36 00-0361	EA	12" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	564.52	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.15*	
26 05 36 00-0362	EA	18" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	605.60	232.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.15*	
26 05 36 00-0363	EA	24" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	681.84	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.21*	
26 05 36 00-0364	EA	30" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	761.21	282.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.58*	
26 05 36 00-0365	EA	36" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	830.89	304.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.74*	
26 05 36 00-0366		24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0367	EA	6" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	702.48	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.94*	
26 05 36 00-0368	EA	9" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	735.00	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.09*	
26 05 36 00-0369	EA	12" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	769.51	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.34*	
26 05 36 00-0370	EA	18" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	819.74	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.00*	
26 05 36 00-0371	EA	24" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	913.00	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.92*	
26 05 36 00-0372	EA	30" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	982.14	329.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.73*	
26 05 36 00-0373	EA	36" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,100.62	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.10*	
26 05 36 00-0374		36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0375	EA	6" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	882.34	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.62*	
26 05 36 00-0376	EA	9" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	930.48	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.07*	
26 05 36 00-0377	EA	12" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	982.48	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0378	EA	18" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,071.79	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.80*	
26 05 36 00-0379	EA	24" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,225.99	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.64*	
26 05 36 00-0380	EA	30" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,337.56	395.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.83*	
26 05 36 00-0381	EA	36" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,464.78	440.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.80*	

26 05 36 00-0382 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

26 05 36 00-0383 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0384	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	175.60	82.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.67*	
26 05 36 00-0385	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	197.81	94.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.93*	
26 05 36 00-0386	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	217.93	104.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.12*	
26 05 36 00-0387	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	270.35	127.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.40*	
26 05 36 00-0388	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	309.05	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.69*	
26 05 36 00-0389	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	360.08	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.27*	
26 05 36 00-0390	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	413.77	188.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.67*	

26 05 36 00-0391 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0392	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	221.38	85.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.97*	
26 05 36 00-0393	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	245.21	98.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.28*	
26 05 36 00-0394	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	266.67	109.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.51*	
26 05 36 00-0395	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	317.56	136.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.38*	
26 05 36 00-0396	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	360.57	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.86*	
26 05 36 00-0397	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	404.65	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.49*	
26 05 36 00-0398	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	471.87	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.84*	

26 05 36 00-0399 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0400	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	236.25	89.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.14*	
26 05 36 00-0401	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	264.61	104.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.79*	
26 05 36 00-0402	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	289.54	116.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.25*	
26 05 36 00-0403	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	353.48	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.14*	
26 05 36 00-0404	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	406.74	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.34*	
26 05 36 00-0405	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	473.88	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0406	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	544.73	232.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.10*	

26 05 36 00-0407 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0408	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	129.28	59.93
		For 60 Degree Bend, Deduct	*-19.69*	
		For 30 Degree Bend, Deduct	*-36.15*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-7.94*	
26 05 36 00-0409	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	150.38	71.89
		For 60 Degree Bend, Deduct	*-22.08*	
		For 30 Degree Bend, Deduct	*-40.79*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.05*	
26 05 36 00-0410	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	169.23	82.45
		For 60 Degree Bend, Deduct	*-24.24*	
		For 30 Degree Bend, Deduct	*-44.98*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.05*	
26 05 36 00-0411	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	207.26	104.21
		For 60 Degree Bend, Deduct	*-28.46*	
		For 30 Degree Bend, Deduct	*-53.22*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.04*	
26 05 36 00-0412	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	255.94	127.63
		For 60 Degree Bend, Deduct	*-35.54*	
		For 30 Degree Bend, Deduct	*-66.32*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.96*	
26 05 36 00-0413	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	299.45	146.51
		For 60 Degree Bend, Deduct	*-42.65*	
		For 30 Degree Bend, Deduct	*-79.22*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.73*	
26 05 36 00-0414	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	344.30	171.98
		For 60 Degree Bend, Deduct	*-47.69*	
		For 30 Degree Bend, Deduct	*-89.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.10*	

26 05 36 00-0415 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0416	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	140.22	61.83
		For 60 Degree Bend, Deduct	*-22.58*	
		For 30 Degree Bend, Deduct	*-41.07*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.87*	
26 05 36 00-0417	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	163.87	74.53
		For 60 Degree Bend, Deduct	*-25.50*	
		For 30 Degree Bend, Deduct	*-46.64*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.18*	
26 05 36 00-0418	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	187.86	86.07
		For 60 Degree Bend, Deduct	*-29.00*	
		For 30 Degree Bend, Deduct	*-53.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.61*	
26 05 36 00-0419	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	228.84	109.90
		For 60 Degree Bend, Deduct	*-33.38*	
		For 30 Degree Bend, Deduct	*-61.74*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.72*	
26 05 36 00-0420	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	282.74	136.53
		For 60 Degree Bend, Deduct	*-40.98*	
		For 30 Degree Bend, Deduct	*-75.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.90*	
26 05 36 00-0421	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	329.95	158.38
		For 60 Degree Bend, Deduct	*-48.18*	
		For 30 Degree Bend, Deduct	*-89.10*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.80*	
26 05 36 00-0422	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	389.85	188.55
		For 60 Degree Bend, Deduct	*-56.38*	
		For 30 Degree Bend, Deduct	*-104.45*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.28*	

26 05 36 00-0423 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0424	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	159.74	63.81
		For 60 Degree Bend, Deduct	*-28.27*	
		For 30 Degree Bend, Deduct	*-50.65*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.66*	
26 05 36 00-0425	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	185.58	77.49
		For 60 Degree Bend, Deduct	*-31.54*	
		For 30 Degree Bend, Deduct	*-56.87*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.10*	
26 05 36 00-0426	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	207.54	89.95
		For 60 Degree Bend, Deduct	*-34.01*	
		For 30 Degree Bend, Deduct	*-61.68*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.26*	
26 05 36 00-0427	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	256.52	116.41
		For 60 Degree Bend, Deduct	*-40.01*	
		For 30 Degree Bend, Deduct	*-73.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.95*	
26 05 36 00-0428	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	310.25	146.51
		For 60 Degree Bend, Deduct	*-46.21*	
		For 30 Degree Bend, Deduct	*-85.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.81*	
26 05 36 00-0429	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	371.92	171.98
		For 60 Degree Bend, Deduct	*-56.80*	
		For 30 Degree Bend, Deduct	*-104.23*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.86*	
26 05 36 00-0430	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	441.85	208.18
		For 60 Degree Bend, Deduct	*-66.00*	
		For 30 Degree Bend, Deduct	*-121.57*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.84*	

26 05 36 00-0431 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0432	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	189.64	82.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.09*	
26 05 36 00-0433	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	210.42	94.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.19*	
26 05 36 00-0434	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	228.74	104.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.20*	
26 05 36 00-0435	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	270.35	127.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.40*	
26 05 36 00-0436	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	304.25	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.21*	
26 05 36 00-0437	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	339.66	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.23*	
26 05 36 00-0438	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	380.96	188.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.41*	

26 05 36 00-0439 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0440	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	217.18	85.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.55*	
26 05 36 00-0441	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	240.54	98.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.81*	
26 05 36 00-0442	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	261.86	109.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.03*	
26 05 36 00-0443	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	310.35	136.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.66*	
26 05 36 00-0444	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	350.97	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.90*	
26 05 36 00-0445	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	391.44	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.17*	
26 05 36 00-0446	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	450.26	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.68*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0447		36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0448	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	249.46	89.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.46*	
26 05 36 00-0449	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	276.77	104.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.00*	
26 05 36 00-0450	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	298.55	116.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.15*	
26 05 36 00-0451	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	357.08	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.50*	
26 05 36 00-0452	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	400.74	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.74*	
26 05 36 00-0453	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	459.47	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.46*	
26 05 36 00-0454	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	525.52	232.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.18*	
26 05 36 00-0455		12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0456	EA	6" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	344.36	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.24*	
26 05 36 00-0457	EA	9" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	373.12	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.98*	
26 05 36 00-0458	EA	12" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	390.84	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.11*	
26 05 36 00-0459	EA	18" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	434.25	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.94*	
26 05 36 00-0460	EA	24" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	488.57	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.55*	
26 05 36 00-0461	EA	30" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	534.66	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.06*	
26 05 36 00-0462	EA	36" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	605.18	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.54*	
26 05 36 00-0463		24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0464	EA	6" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	412.74	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.94*	
26 05 36 00-0465	EA	9" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	446.29	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.92*	
26 05 36 00-0466	EA	12" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	466.67	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.18*	
26 05 36 00-0467	EA	18" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	513.79	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.07*	
26 05 36 00-0468	EA	24" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	573.14	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.70*	
26 05 36 00-0469	EA	30" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	614.79	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.51*	
26 05 36 00-0470	EA	36" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	732.21	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.84*	
26 05 36 00-0471		36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0472	EA	6" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	502.72	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.56*	
26 05 36 00-0473	EA	9" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	542.72	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.92*	
26 05 36 00-0474	EA	12" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	575.03	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0475	EA	18" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	636.78	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.07*	
26 05 36 00-0476	EA	24" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	723.95	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.87*	
26 05 36 00-0477	EA	30" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	783.84	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.00*	
26 05 36 00-0478	EA	36" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	895.77	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.62*	

26 05 36 00-0479 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0480	EA	6" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	381.10	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.90*	
26 05 36 00-0481	EA	9" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	391.92	152.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.50*	
26 05 36 00-0482	EA	12" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	403.20	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.12*	
26 05 36 00-0483	EA	18" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	428.35	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.50*	
26 05 36 00-0484	EA	24" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	443.68	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.39*	
26 05 36 00-0485	EA	30" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	483.48	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.86*	
26 05 36 00-0486	EA	36" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	525.80	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.28*	

26 05 36 00-0487 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0488	EA	6" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	511.27	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.93*	
26 05 36 00-0489	EA	9" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	525.79	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.84*	
26 05 36 00-0490	EA	12" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	541.23	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.79*	
26 05 36 00-0491	EA	18" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	575.97	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.89*	
26 05 36 00-0492	EA	24" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	598.76	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.39*	
26 05 36 00-0493	EA	30" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	642.27	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.92*	
26 05 36 00-0494	EA	36" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	700.42	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.43*	

26 05 36 00-0495 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0496	EA	6" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	748.97	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.56*	
26 05 36 00-0497	EA	9" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	767.89	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.81*	
26 05 36 00-0498	EA	12" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	788.51	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.14*	
26 05 36 00-0499	EA	18" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	827.31	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.38*	
26 05 36 00-0500	EA	24" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	852.41	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.94*	
26 05 36 00-0501	EA	30" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	916.56	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.04*	
26 05 36 00-0502	EA	36" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	980.92	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.56*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0503		12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0504	EA	6" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	429.45	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.46*	
26 05 36 00-0505	EA	9" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	451.46	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.80*	
26 05 36 00-0506	EA	12" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	480.17	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.71*	
26 05 36 00-0507	EA	18" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	513.04	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.90*	
26 05 36 00-0508	EA	24" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	578.76	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.90*	
26 05 36 00-0509	EA	30" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	637.49	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.22*	
26 05 36 00-0510	EA	36" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	693.78	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.00*	
26 05 36 00-0511		24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0512	EA	6" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	559.42	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.64*	
26 05 36 00-0513	EA	9" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	587.49	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.34*	
26 05 36 00-0514	EA	12" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	617.57	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.15*	
26 05 36 00-0515	EA	18" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	658.01	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.83*	
26 05 36 00-0516	EA	24" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	740.61	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.68*	
26 05 36 00-0517	EA	30" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	798.20	329.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.34*	
26 05 36 00-0518	EA	36" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	887.36	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.78*	
26 05 36 00-0519		36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0520	EA	6" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	682.41	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.63*	
26 05 36 00-0521	EA	9" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	721.66	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.19*	
26 05 36 00-0522	EA	12" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	764.77	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.95*	
26 05 36 00-0523	EA	18" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	831.87	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.80*	
26 05 36 00-0524	EA	24" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	959.41	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.98*	
26 05 36 00-0525	EA	30" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,048.77	395.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.95*	
26 05 36 00-0526	EA	36" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,153.78	440.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.70*	
26 05 36 00-0527		12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0528	EA	6" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	474.30	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.94*	
26 05 36 00-0529	EA	9" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	498.59	208.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0530	EA	12" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	531.44	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.84*	
26 05 36 00-0531	EA	18" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	569.38	232.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.52*	
26 05 36 00-0532	EA	24" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	641.44	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.17*	
26 05 36 00-0533	EA	30" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	712.81	282.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.74*	
26 05 36 00-0534	EA	36" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	776.92	304.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.34*	

26 05 36 00-0535 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0536	EA	6" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	646.42	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.34*	
26 05 36 00-0537	EA	9" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	677.19	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.31*	
26 05 36 00-0538	EA	12" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	709.97	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.39*	
26 05 36 00-0539	EA	18" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	756.36	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.66*	
26 05 36 00-0540	EA	24" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	845.44	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.16*	
26 05 36 00-0541	EA	30" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	910.06	329.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.52*	
26 05 36 00-0542	EA	36" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,017.05	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.75*	

26 05 36 00-0543 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0544	EA	6" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	803.99	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.79*	
26 05 36 00-0545	EA	9" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	848.64	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.89*	
26 05 36 00-0546	EA	12" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	897.16	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.19*	
26 05 36 00-0547	EA	18" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	977.77	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.39*	
26 05 36 00-0548	EA	24" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,121.52	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.19*	
26 05 36 00-0549	EA	30" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,224.38	395.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.51*	
26 05 36 00-0550	EA	36" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,342.90	440.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.62*	

26 05 36 00-0551 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

26 05 36 00-0552 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0553	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	172.96	82.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.41*	
26 05 36 00-0554	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	194.95	94.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.65*	
26 05 36 00-0555	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	214.82	104.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.81*	
26 05 36 00-0556	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	266.31	127.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.00*	
26 05 36 00-0557	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	304.51	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0558	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	354.11	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.67*	
26 05 36 00-0559	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	406.79	188.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.97*	

26 05 36 00-0560 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0561	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	215.92	85.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.43*	
26 05 36 00-0562	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	239.58	98.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.72*	
26 05 36 00-0563	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	260.82	109.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.92*	
26 05 36 00-0564	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	311.26	136.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.75*	
26 05 36 00-0565	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	353.81	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.19*	
26 05 36 00-0566	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	397.29	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.75*	
26 05 36 00-0567	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	463.13	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.96*	

26 05 36 00-0568 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0569	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	230.20	89.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.53*	
26 05 36 00-0570	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	258.22	104.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.15*	
26 05 36 00-0571	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	282.86	116.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.58*	
26 05 36 00-0572	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	345.83	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.37*	
26 05 36 00-0573	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	398.33	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.50*	
26 05 36 00-0574	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	463.79	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.89*	
26 05 36 00-0575	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	533.72	232.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.00*	

26 05 36 00-0576 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0577	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	127.22	59.93
		For 60 Degree Bend, Deduct	*-19.01*	
		For 30 Degree Bend, Deduct	*-35.02*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-7.73*	
26 05 36 00-0578	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	148.24	71.89
		For 60 Degree Bend, Deduct	*-21.37*	
		For 30 Degree Bend, Deduct	*-39.62*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.84*	
26 05 36 00-0579	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	167.00	82.45
		For 60 Degree Bend, Deduct	*-23.51*	
		For 30 Degree Bend, Deduct	*-43.76*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.83*	
26 05 36 00-0580	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	204.91	104.21
		For 60 Degree Bend, Deduct	*-27.68*	
		For 30 Degree Bend, Deduct	*-51.93*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.81*	
26 05 36 00-0581	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	252.91	127.63
		For 60 Degree Bend, Deduct	*-34.54*	
		For 30 Degree Bend, Deduct	*-64.65*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0582	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	295.58	146.51
		For 60 Degree Bend, Deduct	*-41.37*	
		For 30 Degree Bend, Deduct	*-77.10*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.35*	
26 05 36 00-0583	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	340.26	171.98
		For 60 Degree Bend, Deduct	*-46.35*	
		For 30 Degree Bend, Deduct	*-86.81*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.69*	

26 05 36 00-0584 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0585	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	137.62	61.83
		For 60 Degree Bend, Deduct	*-21.72*	
		For 30 Degree Bend, Deduct	*-39.64*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.61*	
26 05 36 00-0586	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	161.09	74.53
		For 60 Degree Bend, Deduct	*-24.58*	
		For 30 Degree Bend, Deduct	*-45.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.90*	
26 05 36 00-0587	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	184.75	86.07
		For 60 Degree Bend, Deduct	*-27.98*	
		For 30 Degree Bend, Deduct	*-51.41*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.30*	
26 05 36 00-0588	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	225.65	109.90
		For 60 Degree Bend, Deduct	*-32.33*	
		For 30 Degree Bend, Deduct	*-59.98*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.40*	
26 05 36 00-0589	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	278.87	136.53
		For 60 Degree Bend, Deduct	*-39.70*	
		For 30 Degree Bend, Deduct	*-73.75*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.51*	
26 05 36 00-0590	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	325.33	158.38
		For 60 Degree Bend, Deduct	*-46.66*	
		For 30 Degree Bend, Deduct	*-86.56*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.34*	
26 05 36 00-0591	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	384.55	188.55
		For 60 Degree Bend, Deduct	*-54.64*	
		For 30 Degree Bend, Deduct	*-101.53*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.75*	

26 05 36 00-0592 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0593	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	156.00	63.81
		For 60 Degree Bend, Deduct	*-27.03*	
		For 30 Degree Bend, Deduct	*-48.60*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.29*	
26 05 36 00-0594	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	181.63	77.49
		For 60 Degree Bend, Deduct	*-30.24*	
		For 30 Degree Bend, Deduct	*-54.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.71*	
26 05 36 00-0595	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	203.50	89.95
		For 60 Degree Bend, Deduct	*-32.68*	
		For 30 Degree Bend, Deduct	*-59.46*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.86*	
26 05 36 00-0596	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	252.15	116.41
		For 60 Degree Bend, Deduct	*-38.57*	
		For 30 Degree Bend, Deduct	*-70.75*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.51*	
26 05 36 00-0597	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	305.63	146.51
		For 60 Degree Bend, Deduct	*-44.69*	
		For 30 Degree Bend, Deduct	*-82.62*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.35*	
26 05 36 00-0598	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	365.95	171.98
		For 60 Degree Bend, Deduct	*-54.83*	
		For 30 Degree Bend, Deduct	*-100.94*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.26*	
26 05 36 00-0599	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	435.21	208.18
		For 60 Degree Bend, Deduct	*-63.81*	
		For 30 Degree Bend, Deduct	*-117.92*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.17*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0600			**12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0601		EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	185.99	82.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.73*	
26 05 36 00-0602		EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	206.68	94.15
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.82*	
26 05 36 00-0603		EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	224.87	104.12
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.81*	
26 05 36 00-0604		EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	266.31	127.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.00*	
26 05 36 00-0605		EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	300.05	146.51
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.79*	
26 05 36 00-0606		EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	335.12	164.89
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.77*	
26 05 36 00-0607		EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	376.26	188.22
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.94*	
26 05 36 00-0608			**24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0609		EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	212.01	85.99
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.03*	
26 05 36 00-0610		EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	235.24	98.93
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.28*	
26 05 36 00-0611		EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	256.36	109.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.48*	
26 05 36 00-0612		EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	304.56	136.53
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.08*	
26 05 36 00-0613		EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	344.87	158.38
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.29*	
26 05 36 00-0614		EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	385.01	179.73
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.52*	
26 05 36 00-0615		EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	443.03	208.18
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.95*	
26 05 36 00-0616			**36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0617		EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	242.48	89.86
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.76*	
26 05 36 00-0618		EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	269.54	104.12
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.28*	
26 05 36 00-0619		EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	291.24	116.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.42*	
26 05 36 00-0620		EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	349.18	146.51
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.71*	
26 05 36 00-0621		EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	392.75	171.98
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.94*	
26 05 36 00-0622		EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	450.39	197.87
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.55*	
26 05 36 00-0623		EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	515.85	232.49
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.21*	
26 05 36 00-0624			**12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0625		EA	6" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	336.32	158.38
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.44*	
26 05 36 00-0626		EA	9" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	364.47	171.98
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.11*	
26 05 36 00-0627		EA	12" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	381.71	179.73
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0628	EA	18" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	423.80	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.89*	
26 05 36 00-0629	EA	24" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	476.32	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.33*	
26 05 36 00-0630	EA	30" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	520.01	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.59*	
26 05 36 00-0631	EA	36" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	588.61	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.89*	

26 05 36 00-0632 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0633	EA	6" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	400.14	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.68*	
26 05 36 00-0634	EA	9" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	433.08	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.60*	
26 05 36 00-0635	EA	12" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	452.98	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.81*	
26 05 36 00-0636	EA	18" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	499.02	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.60*	
26 05 36 00-0637	EA	24" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	557.05	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.09*	
26 05 36 00-0638	EA	30" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	597.25	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.75*	
26 05 36 00-0639	EA	36" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	709.75	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.59*	

26 05 36 00-0640 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0641	EA	6" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	483.87	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.68*	
26 05 36 00-0642	EA	9" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	523.15	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.97*	
26 05 36 00-0643	EA	12" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	554.13	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.11*	
26 05 36 00-0644	EA	18" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	614.32	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.82*	
26 05 36 00-0645	EA	24" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	698.61	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.33*	
26 05 36 00-0646	EA	30" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	756.22	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.24*	
26 05 36 00-0647	EA	36" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	866.11	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.65*	

26 05 36 00-0648 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0649	EA	6" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	367.41	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.53*	
26 05 36 00-0650	EA	9" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	378.11	152.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.12*	
26 05 36 00-0651	EA	12" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	389.27	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.73*	
26 05 36 00-0652	EA	18" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	414.18	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.09*	
26 05 36 00-0653	EA	24" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	429.27	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.95*	
26 05 36 00-0654	EA	30" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	468.11	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.32*	
26 05 36 00-0655	EA	36" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	509.83	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.68*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0656		24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0657	EA	6" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	486.54	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.46*	
26 05 36 00-0658	EA	9" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	500.69	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.33*	
26 05 36 00-0659	EA	12" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	515.77	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.24*	
26 05 36 00-0660	EA	18" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	549.80	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.27*	
26 05 36 00-0661	EA	24" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	571.86	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.70*	
26 05 36 00-0662	EA	30" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	614.65	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.16*	
26 05 36 00-0663	EA	36" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	671.60	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.55*	
26 05 36 00-0664		36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0665	EA	6" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	702.74	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.94*	
26 05 36 00-0666	EA	9" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	721.06	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.13*	
26 05 36 00-0667	EA	12" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	741.08	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.40*	
26 05 36 00-0668	EA	18" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	779.28	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.58*	
26 05 36 00-0669	EA	24" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	803.78	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.07*	
26 05 36 00-0670	EA	30" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	866.13	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.00*	
26 05 36 00-0671	EA	36" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	929.88	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.46*	
26 05 36 00-0672		12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0673	EA	6" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	419.48	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.46*	
26 05 36 00-0674	EA	9" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	441.01	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.75*	
26 05 36 00-0675	EA	12" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	468.76	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.57*	
26 05 36 00-0676	EA	18" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	500.55	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.65*	
26 05 36 00-0677	EA	24" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	564.83	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.51*	
26 05 36 00-0678	EA	30" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	620.80	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.55*	
26 05 36 00-0679	EA	36" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	675.17	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.13*	
26 05 36 00-0680		24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0681	EA	6" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	540.09	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.70*	
26 05 36 00-0682	EA	9" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	567.56	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0683	EA	12" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	597.03	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.09*	
26 05 36 00-0684	EA	18" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	636.16	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.64*	
26 05 36 00-0685	EA	24" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	717.32	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.35*	
26 05 36 00-0686	EA	30" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	773.35	329.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.85*	
26 05 36 00-0687	EA	36" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	858.54	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.90*	

26 05 36 00-0688 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0689	EA	6" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	655.39	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.93*	
26 05 36 00-0690	EA	9" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	693.44	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.37*	
26 05 36 00-0691	EA	12" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	735.36	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.01*	
26 05 36 00-0692	EA	18" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	799.45	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.56*	
26 05 36 00-0693	EA	24" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	923.38	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.38*	
26 05 36 00-0694	EA	30" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,009.74	395.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.05*	
26 05 36 00-0695	EA	36" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,111.75	440.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.50*	

26 05 36 00-0696 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0697	EA	6" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	459.84	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.50*	
26 05 36 00-0698	EA	9" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	483.44	208.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.99*	
26 05 36 00-0699	EA	12" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	514.90	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.19*	
26 05 36 00-0700	EA	18" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	551.27	232.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.71*	
26 05 36 00-0701	EA	24" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	621.25	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.15*	
26 05 36 00-0702	EA	30" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	688.61	282.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.32*	
26 05 36 00-0703	EA	36" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	749.93	304.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.64*	

26 05 36 00-0704 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0705	EA	6" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	618.38	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.53*	
26 05 36 00-0706	EA	9" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	648.29	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.42*	
26 05 36 00-0707	EA	12" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	680.19	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.41*	
26 05 36 00-0708	EA	18" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	724.67	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.49*	
26 05 36 00-0709	EA	24" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	811.67	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.78*	
26 05 36 00-0710	EA	30" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	874.02	329.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.92*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0711		EA	36" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	975.26	359.46
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.57*	

26 05 36 00-0712 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0713		EA	6" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	764.81	247.34
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.87*	
26 05 36 00-0714		EA	9" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	807.72	263.66
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.80*	
26 05 36 00-0715		EA	12" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	854.50	282.38
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.92*	
26 05 36 00-0716		EA	18" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	930.76	304.64
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.69*	
26 05 36 00-0717		EA	24" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,069.28	359.46
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.97*	
26 05 36 00-0718		EA	30" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,167.80	395.08
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.85*	
26 05 36 00-0719		EA	36" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,281.96	440.09
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.52*	

26 05 36 00-0720 Dropout Or End Plates And Reducers *(26 05 36 00-0002)*

26 05 36 00-0721 Straight Reducers *(26 05 36 00-0720)*

26 05 36 00-0722		EA	9"-6" Reducer, Steel Cable Tray	156.68	60.85
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.60*	
26 05 36 00-0723		EA	12"-9" Reducer, Steel Cable Tray	166.25	65.88
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.13*	
26 05 36 00-0724		EA	18"-12" Reducer, Steel Cable Tray	183.21	76.01
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.98*	
26 05 36 00-0725		EA	24"-18" Reducer, Steel Cable Tray	204.24	87.97
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.09*	
26 05 36 00-0726		EA	30"-24" Reducer, Steel Cable Tray	223.73	98.93
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.13*	
26 05 36 00-0727		EA	36"-30" Reducer, Steel Cable Tray	254.44	113.03
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.02*	

26 05 36 00-0728 Reducers *(26 05 36 00-0720)*

26 05 36 00-0729		EA	18"-6" Reducer, Steel Cable Tray	185.68	76.10
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.23*	
26 05 36 00-0730		EA	24"-12" Reducer, Steel Cable Tray	206.84	88.05
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.34*	
26 05 36 00-0731		EA	30"-12" Reducer, Steel Cable Tray	228.40	98.85
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.60*	
26 05 36 00-0732		EA	30"-18" Reducer, Steel Cable Tray	230.67	98.77
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.84*	
26 05 36 00-0733		EA	36"-12" Reducer, Steel Cable Tray	255.64	113.03
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.14*	
26 05 36 00-0734		EA	36"-18" Reducer, Steel Cable Tray	263.01	116.00
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.63*	
26 05 36 00-0735		EA	36"-24" Reducer, Steel Cable Tray	271.58	119.71
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.18*	

26 05 36 00-0736 Dropout Or End Plate *(26 05 36 00-0720)*

26 05 36 00-0737		EA	6" Dropout Or End Plate, Steel Cable Tray	47.40	24.74
26 05 36 00-0738		EA	9" Dropout Or End Plate, Steel Cable Tray	54.34	28.28
26 05 36 00-0739		EA	12" Dropout Or End Plate, Steel Cable Tray	58.63	30.42
26 05 36 00-0740		EA	18" Dropout Or End Plate, Steel Cable Tray	69.24	35.95
26 05 36 00-0741		EA	24" Dropout Or End Plate, Steel Cable Tray	77.25	39.57
26 05 36 00-0742		EA	30" Dropout Or End Plate, Steel Cable Tray	85.66	43.94
26 05 36 00-0743		EA	36" Dropout Or End Plate, Steel Cable Tray	96.62	49.47

26 05 36 00-0744 Ladder Bottom Aluminum Cable Tray *(26 05 36 00-0001)*

Note: 4-5/8" Height

26 05 36 00-0745 Straight Tray Sections *(26 05 36 00-0744)*

26 05 36 00-0746 4" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0747		LF	6" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	24.05	5.77
			For Class 12C Instead Of Class 12B, Add	*2.64*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.92*	
			For 6" Overall Height Instead Of 4-5/8", Add	*1.20*	
26 05 36 00-0748		LF	9" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	25.38	6.10
			For Class 12C Instead Of Class 12B, Add	*2.79*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.03*	
			For 6" Overall Height Instead Of 4-5/8", Add	*1.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0749	LF	12" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	26.69	6.34
		For Class 12C Instead Of Class 12B, Add	*2.94*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.33*	
26 05 36 00-0750	LF	18" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	29.52	6.93
		For Class 12C Instead Of Class 12B, Add	*3.27*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.48*	
26 05 36 00-0751	LF	24" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	33.23	7.42
		For Class 12C Instead Of Class 12B, Add	*3.75*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.66*	
26 05 36 00-0752	LF	30" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	36.18	7.92
		For Class 12C Instead Of Class 12B, Add	*4.11*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.81*	
26 05 36 00-0753	LF	36" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	38.90	8.41
		For Class 12C Instead Of Class 12B, Add	*4.43*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.95*	
26 05 36 00-0754		**6" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0755	LF	6" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	22.74	5.77
		For Class 12C Instead Of Class 12B, Add	*2.45*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.14*	
26 05 36 00-0756	LF	9" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	23.99	6.10
		For Class 12C Instead Of Class 12B, Add	*2.58*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.20*	
26 05 36 00-0757	LF	12" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	25.23	6.34
		For Class 12C Instead Of Class 12B, Add	*2.72*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.26*	
26 05 36 00-0758	LF	18" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	27.89	6.93
		For Class 12C Instead Of Class 12B, Add	*3.02*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.39*	
26 05 36 00-0759	LF	24" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	31.32	7.42
		For Class 12C Instead Of Class 12B, Add	*3.47*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.57*	
26 05 36 00-0760	LF	30" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	34.09	7.92
		For Class 12C Instead Of Class 12B, Add	*3.80*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.70*	
26 05 36 00-0761	LF	36" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	36.64	8.41
		For Class 12C Instead Of Class 12B, Add	*4.09*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.83*	
26 05 36 00-0762		**9" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0763	LF	6" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	20.74	5.52
		For Class 12C Instead Of Class 12B, Add	*2.19*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.04*	
26 05 36 00-0764	LF	9" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	21.21	5.77
		For Class 12C Instead Of Class 12B, Add	*2.22*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.06*	
26 05 36 00-0765	LF	12" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	22.57	6.10
		For Class 12C Instead Of Class 12B, Add	*2.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.13*	
26 05 36 00-0766	LF	18" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	24.13	6.51
		For Class 12C Instead Of Class 12B, Add	*2.53*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.21*	
26 05 36 00-0767	LF	24" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	26.57	6.77
		For Class 12C Instead Of Class 12B, Add	*2.86*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.33*	
26 05 36 00-0768	LF	30" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	29.21	7.26
		For Class 12C Instead Of Class 12B, Add	*3.17*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.46*	
26 05 36 00-0769	LF	36" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	31.22	7.92
		For Class 12C Instead Of Class 12B, Add	*3.36*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.56*	
26 05 36 00-0770		**12" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0771	LF	6" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	20.22	5.36
		For Class 12C Instead Of Class 12B, Add	*2.14*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0772	LF	9" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	20.61	5.52
		For Class 12C Instead Of Class 12B, Add	*2.17*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.03*	
26 05 36 00-0773	LF	12" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	21.54	5.85
		For Class 12C Instead Of Class 12B, Add	*2.25*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.08*	
26 05 36 00-0774	LF	18" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	22.81	6.18
		For Class 12C Instead Of Class 12B, Add	*2.39*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.14*	
26 05 36 00-0775	LF	24" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	24.36	6.26
		For Class 12C Instead Of Class 12B, Add	*2.60*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.22*	
26 05 36 00-0776	LF	30" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	26.32	6.93
		For Class 12C Instead Of Class 12B, Add	*2.80*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.32*	
26 05 36 00-0777	LF	36" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	28.06	7.51
		For Class 12C Instead Of Class 12B, Add	*2.96*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.40*	

26 05 36 00-0778 18" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0779	LF	6" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	19.92	5.19
		For Class 12C Instead Of Class 12B, Add	*2.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.00*	
26 05 36 00-0780	LF	9" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	20.11	5.44
		For Class 12C Instead Of Class 12B, Add	*2.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.01*	
26 05 36 00-0781	LF	12" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	21.13	5.60
		For Class 12C Instead Of Class 12B, Add	*2.23*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.06*	
26 05 36 00-0782	LF	18" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	22.24	5.93
		For Class 12C Instead Of Class 12B, Add	*2.35*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.11*	
26 05 36 00-0783	LF	24" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	23.36	6.01
		For Class 12C Instead Of Class 12B, Add	*2.50*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.17*	
26 05 36 00-0784	LF	30" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	24.71	6.59
		For Class 12C Instead Of Class 12B, Add	*2.61*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.24*	
26 05 36 00-0785	LF	36" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	26.41	7.18
		For Class 12C Instead Of Class 12B, Add	*2.76*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.32*	

26 05 36 00-0786 4" Rung Tray Fittings *(26 05 36 00-0744)*

26 05 36 00-0787 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0788	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	197.80	82.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.89*	
26 05 36 00-0789	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	218.52	94.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.93*	
26 05 36 00-0790	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	246.43	104.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.32*	
26 05 36 00-0791	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	294.76	127.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.74*	
26 05 36 00-0792	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	346.01	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.30*	
26 05 36 00-0793	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	382.70	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.14*	
26 05 36 00-0794	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	444.77	188.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.24*	

26 05 36 00-0795 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0796	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	249.69	85.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0797	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	275.68	98.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.78*	
26 05 36 00-0798	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	299.44	109.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.97*	
26 05 36 00-0799	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	353.61	136.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.68*	
26 05 36 00-0800	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	402.17	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.11*	
26 05 36 00-0801	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	450.76	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.54*	
26 05 36 00-0802	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	517.16	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.86*	

26 05 36 00-0803 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0804	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	266.78	89.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.34*	
26 05 36 00-0805	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	293.38	104.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.67*	
26 05 36 00-0806	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	327.79	116.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.39*	
26 05 36 00-0807	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	394.63	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.73*	
26 05 36 00-0808	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	456.83	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.84*	
26 05 36 00-0809	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	516.67	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.83*	
26 05 36 00-0810	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	601.66	232.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.08*	

26 05 36 00-0811 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0812	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	139.36	59.93
		For 60 Degree Bend, Deduct	*-23.02*	
		For 30 Degree Bend, Deduct	*-41.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.97*	
26 05 36 00-0813	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	160.78	71.89
		For 60 Degree Bend, Deduct	*-25.51*	
		For 30 Degree Bend, Deduct	*-46.51*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.04*	
26 05 36 00-0814	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	179.95	82.45
		For 60 Degree Bend, Deduct	*-27.78*	
		For 30 Degree Bend, Deduct	*-50.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.00*	
26 05 36 00-0815	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	223.78	104.21
		For 60 Degree Bend, Deduct	*-33.91*	
		For 30 Degree Bend, Deduct	*-62.31*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.19*	
26 05 36 00-0816	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	275.01	127.63
		For 60 Degree Bend, Deduct	*-41.83*	
		For 30 Degree Bend, Deduct	*-76.81*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.75*	
26 05 36 00-0817	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	315.62	146.51
		For 60 Degree Bend, Deduct	*-47.99*	
		For 30 Degree Bend, Deduct	*-88.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.78*	
26 05 36 00-0818	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	361.11	171.98
		For 60 Degree Bend, Deduct	*-53.23*	
		For 30 Degree Bend, Deduct	*-98.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.06*	

26 05 36 00-0819 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0820	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	156.18	61.83
		For 60 Degree Bend, Deduct	*-27.85*	
		For 30 Degree Bend, Deduct	*-49.85*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0821	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	183.50	74.53
		For 60 Degree Bend, Deduct	*-31.98*	
		For 30 Degree Bend, Deduct	*-57.44*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.18*	
26 05 36 00-0822	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	204.21	86.07
		For 60 Degree Bend, Deduct	*-34.40*	
		For 30 Degree Bend, Deduct	*-62.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.21*	
26 05 36 00-0823	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	248.54	109.90
		For 60 Degree Bend, Deduct	*-39.88*	
		For 30 Degree Bend, Deduct	*-72.57*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.43*	
26 05 36 00-0824	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	303.47	136.53
		For 60 Degree Bend, Deduct	*-47.82*	
		For 30 Degree Bend, Deduct	*-87.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.17*	
26 05 36 00-0825	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	355.07	158.38
		For 60 Degree Bend, Deduct	*-56.47*	
		For 30 Degree Bend, Deduct	*-102.92*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.75*	
26 05 36 00-0826	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	409.92	188.55
		For 60 Degree Bend, Deduct	*-63.01*	
		For 30 Degree Bend, Deduct	*-115.49*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.50*	

26 05 36 00-0827 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0828	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	177.71	63.81
		For 60 Degree Bend, Deduct	*-34.20*	
		For 30 Degree Bend, Deduct	*-60.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.89*	
26 05 36 00-0829	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	202.07	77.49
		For 60 Degree Bend, Deduct	*-36.98*	
		For 30 Degree Bend, Deduct	*-65.94*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.10*	
26 05 36 00-0830	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	224.35	89.95
		For 60 Degree Bend, Deduct	*-39.56*	
		For 30 Degree Bend, Deduct	*-70.93*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.22*	
26 05 36 00-0831	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	276.13	116.41
		For 60 Degree Bend, Deduct	*-46.48*	
		For 30 Degree Bend, Deduct	*-83.94*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.81*	
26 05 36 00-0832	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	344.49	146.51
		For 60 Degree Bend, Deduct	*-57.51*	
		For 30 Degree Bend, Deduct	*-104.00*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.22*	
26 05 36 00-0833	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	393.02	171.98
		For 60 Degree Bend, Deduct	*-63.76*	
		For 30 Degree Bend, Deduct	*-115.83*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.65*	
26 05 36 00-0834	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	463.98	208.18
		For 60 Degree Bend, Deduct	*-73.31*	
		For 30 Degree Bend, Deduct	*-133.74*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.20*	

26 05 36 00-0835 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0836	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	212.02	82.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.60*	
26 05 36 00-0837	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	235.66	94.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.78*	
26 05 36 00-0838	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	253.54	104.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.68*	
26 05 36 00-0839	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	295.46	127.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.77*	
26 05 36 00-0840	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	331.03	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.55*	
26 05 36 00-0841	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	365.71	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0842	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	407.33	188.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.37*	

26 05 36 00-0843 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0844	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	224.05	85.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.20*	
26 05 36 00-0845	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	249.00	98.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.45*	
26 05 36 00-0846	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	269.35	109.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.47*	
26 05 36 00-0847	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	318.39	136.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.92*	
26 05 36 00-0848	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	360.23	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.01*	
26 05 36 00-0849	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	401.32	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.07*	
26 05 36 00-0850	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	455.52	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.78*	

26 05 36 00-0851 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0852	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	274.60	89.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.73*	
26 05 36 00-0853	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	301.02	104.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.05*	
26 05 36 00-0854	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	329.74	116.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.49*	
26 05 36 00-0855	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	385.30	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.27*	
26 05 36 00-0856	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	433.17	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.66*	
26 05 36 00-0857	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	487.15	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.36*	
26 05 36 00-0858	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	551.58	232.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.58*	

26 05 36 00-0859 12" Radius Horizontal Tees *(26 05 36 00-0786)*

26 05 36 00-0860	EA	6" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	349.97	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.50*	
26 05 36 00-0861	EA	9" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	378.37	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.92*	
26 05 36 00-0862	EA	12" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	392.70	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.64*	
26 05 36 00-0863	EA	18" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	441.24	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.06*	
26 05 36 00-0864	EA	24" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	488.84	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.44*	
26 05 36 00-0865	EA	30" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	530.66	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.53*	
26 05 36 00-0866	EA	36" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	610.18	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.51*	

26 05 36 00-0867 24" Radius Horizontal Tees *(26 05 36 00-0786)*

26 05 36 00-0868	EA	6" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	433.39	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.67*	
26 05 36 00-0869	EA	9" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	469.40	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.47*	
26 05 36 00-0870	EA	12" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	489.21	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0871	EA	18" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	539.63	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.98*	
26 05 36 00-0872	EA	24" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	601.29	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.06*	
26 05 36 00-0873	EA	30" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	646.87	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.34*	
26 05 36 00-0874	EA	36" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	825.10	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.26*	

26 05 36 00-0875 36" Radius Horizontal Tees *(26 05 36 00-0786)*

26 05 36 00-0876	EA	6" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	521.60	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.08*	
26 05 36 00-0877	EA	9" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	560.03	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.00*	
26 05 36 00-0878	EA	12" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	598.88	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.94*	
26 05 36 00-0879	EA	18" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	657.72	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.89*	
26 05 36 00-0880	EA	24" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	741.47	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.07*	
26 05 36 00-0881	EA	30" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	850.50	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.53*	
26 05 36 00-0882	EA	36" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	980.10	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.01*	

26 05 36 00-0883 12" Radius Vertical Tees *(26 05 36 00-0786)*

26 05 36 00-0884	EA	6" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	437.50	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.88*	
26 05 36 00-0885	EA	9" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	452.76	152.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.64*	
26 05 36 00-0886	EA	12" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	464.25	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.21*	
26 05 36 00-0887	EA	18" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	491.24	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.56*	
26 05 36 00-0888	EA	24" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	521.09	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.05*	
26 05 36 00-0889	EA	30" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	555.52	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.78*	
26 05 36 00-0890	EA	36" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	598.88	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.94*	

26 05 36 00-0891 24" Radius Vertical Tees *(26 05 36 00-0786)*

26 05 36 00-0892	EA	6" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	591.23	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.56*	
26 05 36 00-0893	EA	9" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	606.37	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.32*	
26 05 36 00-0894	EA	12" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	622.45	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.12*	
26 05 36 00-0895	EA	18" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	659.86	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.99*	
26 05 36 00-0896	EA	24" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	683.91	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.20*	
26 05 36 00-0897	EA	30" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	728.68	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.43*	
26 05 36 00-0898	EA	36" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	807.27	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.36*	

26 05 36 00-0899 36" Radius Vertical Tee *(26 05 36 00-0786)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0900		EA	6" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	909.34	171.98
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.60*	
			For 6" Overall Height Instead Of 4-5/8", Add	*45.47*	
26 05 36 00-0901		EA	9" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	930.35	179.73
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.06*	
			For 6" Overall Height Instead Of 4-5/8", Add	*46.52*	
26 05 36 00-0902		EA	12" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	953.05	188.55
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.60*	
			For 6" Overall Height Instead Of 4-5/8", Add	*47.65*	
26 05 36 00-0903		EA	18" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	993.94	208.18
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.04*	
			For 6" Overall Height Instead Of 4-5/8", Add	*49.70*	
26 05 36 00-0904		EA	24" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,021.13	219.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.81*	
			For 6" Overall Height Instead Of 4-5/8", Add	*51.06*	
26 05 36 00-0905		EA	30" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,091.52	247.34
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.54*	
			For 6" Overall Height Instead Of 4-5/8", Add	*54.58*	
26 05 36 00-0906		EA	36" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,157.95	282.38
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.27*	
			For 6" Overall Height Instead Of 4-5/8", Add	*57.90*	

26 05 36 00-0907 12" Radius Horizontal Crosses *(26 05 36 00-0786)*

26 05 36 00-0908		EA	6" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	449.70	197.87
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.48*	
			For 6" Overall Height Instead Of 4-5/8", Add	*22.49*	
26 05 36 00-0909		EA	9" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	479.61	208.18
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.61*	
			For 6" Overall Height Instead Of 4-5/8", Add	*23.98*	
26 05 36 00-0910		EA	12" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	500.12	219.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.71*	
			For 6" Overall Height Instead Of 4-5/8", Add	*25.01*	
26 05 36 00-0911		EA	18" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	550.41	232.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.63*	
			For 6" Overall Height Instead Of 4-5/8", Add	*27.52*	
26 05 36 00-0912		EA	24" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	607.36	263.66
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.76*	
			For 6" Overall Height Instead Of 4-5/8", Add	*30.37*	
26 05 36 00-0913		EA	30" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	668.10	282.38
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.28*	
			For 6" Overall Height Instead Of 4-5/8", Add	*33.41*	
26 05 36 00-0914		EA	36" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	754.56	304.64
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.07*	
			For 6" Overall Height Instead Of 4-5/8", Add	*37.73*	

26 05 36 00-0915 24" Radius Horizontal Crosses *(26 05 36 00-0786)*

26 05 36 00-0916		EA	6" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	596.06	219.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.30*	
			For 6" Overall Height Instead Of 4-5/8", Add	*29.80*	
26 05 36 00-0917		EA	9" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	625.19	232.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.11*	
			For 6" Overall Height Instead Of 4-5/8", Add	*31.26*	
26 05 36 00-0918		EA	12" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	656.31	247.34
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.02*	
			For 6" Overall Height Instead Of 4-5/8", Add	*32.82*	
26 05 36 00-0919		EA	18" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	696.25	263.66
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.65*	
			For 6" Overall Height Instead Of 4-5/8", Add	*34.81*	
26 05 36 00-0920		EA	24" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	787.01	304.64
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.32*	
			For 6" Overall Height Instead Of 4-5/8", Add	*39.35*	
26 05 36 00-0921		EA	30" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	818.10	329.78
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.33*	
			For 6" Overall Height Instead Of 4-5/8", Add	*40.91*	
26 05 36 00-0922		EA	36" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	901.82	359.46
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.22*	
			For 6" Overall Height Instead Of 4-5/8", Add	*45.09*	

26 05 36 00-0923 36" Radius Horizontal Crosses *(26 05 36 00-0786)*

26 05 36 00-0924		EA	6" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	683.12	247.34
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.70*	
			For 6" Overall Height Instead Of 4-5/8", Add	*34.16*	
26 05 36 00-0925		EA	9" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	692.74	263.66
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.30*	
			For 6" Overall Height Instead Of 4-5/8", Add	*34.64*	
26 05 36 00-0926		EA	12" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	739.04	282.38
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.38*	
			For 6" Overall Height Instead Of 4-5/8", Add	*36.95*	
26 05 36 00-0927		EA	18" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	826.52	304.64
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.27*	
			For 6" Overall Height Instead Of 4-5/8", Add	*41.33*	
26 05 36 00-0928		EA	24" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	994.21	359.46
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.46*	
			For 6" Overall Height Instead Of 4-5/8", Add	*49.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0929	EA	30" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,095.88	395.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.79*	
26 05 36 00-0930	EA	36" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,220.25	440.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.01*	
26 05 36 00-0931		**12" Radius Vertical Cross** *(26 05 36 00-0786)*		
26 05 36 00-0932	EA	6" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	449.70	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.49*	
26 05 36 00-0933	EA	9" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	479.73	208.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.99*	
26 05 36 00-0934	EA	12" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	500.06	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.00*	
26 05 36 00-0935	EA	18" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	550.55	232.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.53*	
26 05 36 00-0936	EA	24" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	607.36	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.37*	
26 05 36 00-0937	EA	30" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	668.31	282.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.42*	
26 05 36 00-0938	EA	36" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	753.94	304.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.70*	
26 05 36 00-0939		**24" Radius Vertical Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0940	EA	6" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	596.06	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.80*	
26 05 36 00-0941	EA	9" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	625.19	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.26*	
26 05 36 00-0942	EA	12" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	656.31	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.82*	
26 05 36 00-0943	EA	18" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	696.25	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.81*	
26 05 36 00-0944	EA	24" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	787.01	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.35*	
26 05 36 00-0945	EA	30" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	848.74	329.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.44*	
26 05 36 00-0946	EA	36" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	936.37	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.82*	
26 05 36 00-0947		**36" Radius Vertical Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0948	EA	6" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	805.01	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.25*	
26 05 36 00-0949	EA	9" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	848.62	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.43*	
26 05 36 00-0950	EA	12" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	904.28	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.21*	
26 05 36 00-0951	EA	18" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	970.00	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.50*	
26 05 36 00-0952	EA	24" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,171.98	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.60*	
26 05 36 00-0953	EA	30" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,292.69	395.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.63*	
26 05 36 00-0954	EA	36" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,439.28	440.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.96*	
26 05 36 00-0955		**6" Rung Tray Fittings** *(26 05 36 00-0744)*		
26 05 36 00-0956		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0957	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	189.22	82.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.46*	
26 05 36 00-0958	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	209.72	94.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0959	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	236.01	104.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.80*	
26 05 36 00-0960	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	283.04	127.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.15*	
26 05 36 00-0961	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	331.47	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.57*	
26 05 36 00-0962	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	367.29	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.36*	
26 05 36 00-0963	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	426.10	188.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.31*	

26 05 36 00-0964 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-0955)*

26 05 36 00-0965	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	234.49	85.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.72*	
26 05 36 00-0966	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	259.83	98.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.99*	
26 05 36 00-0967	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	282.84	109.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.14*	
26 05 36 00-0968	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	335.59	136.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.78*	
26 05 36 00-0969	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	382.42	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.12*	
26 05 36 00-0970	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	429.16	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.46*	
26 05 36 00-0971	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	492.85	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.64*	

26 05 36 00-0972 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-0955)*

26 05 36 00-0973	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	250.07	89.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.50*	
26 05 36 00-0974	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	276.23	104.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.81*	
26 05 36 00-0975	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	308.69	116.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.43*	
26 05 36 00-0976	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	373.14	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.66*	
26 05 36 00-0977	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	432.52	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.63*	
26 05 36 00-0978	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	489.97	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.50*	
26 05 36 00-0979	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	571.06	232.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.55*	

26 05 36 00-0980 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-0955)*

26 05 36 00-0981	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	133.72	59.93
		For 60 Degree Bend, Deduct	*-21.16*	
		For 30 Degree Bend, Deduct	*-38.60*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.69*	
26 05 36 00-0982	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	154.92	71.89
		For 60 Degree Bend, Deduct	*-23.58*	
		For 30 Degree Bend, Deduct	*-43.29*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.75*	
26 05 36 00-0983	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	173.88	82.45
		For 60 Degree Bend, Deduct	*-25.78*	
		For 30 Degree Bend, Deduct	*-47.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.69*	
26 05 36 00-0984	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	216.62	104.21
		For 60 Degree Bend, Deduct	*-31.55*	
		For 30 Degree Bend, Deduct	*-58.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0985	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	266.11	127.63
		For 60 Degree Bend, Deduct	*-38.89*	
		For 30 Degree Bend, Deduct	*-71.91*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.31*	
26 05 36 00-0986	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	305.42	146.51
		For 60 Degree Bend, Deduct	*-44.62*	
		For 30 Degree Bend, Deduct	*-82.51*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.27*	
26 05 36 00-0987	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	350.47	171.98
		For 60 Degree Bend, Deduct	*-49.72*	
		For 30 Degree Bend, Deduct	*-92.43*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.52*	

26 05 36 00-0988 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-0955)*

26 05 36 00-0989	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	148.58	61.83
		For 60 Degree Bend, Deduct	*-25.34*	
		For 30 Degree Bend, Deduct	*-45.67*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.43*	
26 05 36 00-0990	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	175.03	74.53
		For 60 Degree Bend, Deduct	*-29.18*	
		For 30 Degree Bend, Deduct	*-52.78*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.75*	
26 05 36 00-0991	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	195.52	86.07
		For 60 Degree Bend, Deduct	*-31.53*	
		For 30 Degree Bend, Deduct	*-57.34*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.78*	
26 05 36 00-0992	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	239.21	109.90
		For 60 Degree Bend, Deduct	*-36.80*	
		For 30 Degree Bend, Deduct	*-67.44*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.96*	
26 05 36 00-0993	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	292.62	136.53
		For 60 Degree Bend, Deduct	*-44.24*	
		For 30 Degree Bend, Deduct	*-81.32*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.63*	
26 05 36 00-0994	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	342.05	158.38
		For 60 Degree Bend, Deduct	*-52.18*	
		For 30 Degree Bend, Deduct	*-95.76*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.10*	
26 05 36 00-0995	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	396.25	188.55
		For 60 Degree Bend, Deduct	*-58.50*	
		For 30 Degree Bend, Deduct	*-107.97*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.81*	

26 05 36 00-0996 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-0955)*

26 05 36 00-0997	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	167.51	63.81
		For 60 Degree Bend, Deduct	*-30.83*	
		For 30 Degree Bend, Deduct	*-54.93*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.38*	
26 05 36 00-0998	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	191.65	77.49
		For 60 Degree Bend, Deduct	*-33.54*	
		For 30 Degree Bend, Deduct	*-60.21*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.58*	
26 05 36 00-0999	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	213.71	89.95
		For 60 Degree Bend, Deduct	*-36.05*	
		For 30 Degree Bend, Deduct	*-65.08*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.69*	
26 05 36 00-1000	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	264.41	116.41
		For 60 Degree Bend, Deduct	*-42.62*	
		For 30 Degree Bend, Deduct	*-77.50*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.22*	
26 05 36 00-1001	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	330.16	146.51
		For 60 Degree Bend, Deduct	*-52.78*	
		For 30 Degree Bend, Deduct	*-96.11*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.51*	
26 05 36 00-1002	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	377.82	171.98
		For 60 Degree Bend, Deduct	*-58.75*	
		For 30 Degree Bend, Deduct	*-107.47*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1003	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	447.27	208.18
		For 60 Degree Bend, Deduct	*-67.79*	
		For 30 Degree Bend, Deduct	*-124.55*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.36*	

26 05 36 00-1004 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-0955)*

26 05 36 00-1005	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	206.05	82.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.30*	
26 05 36 00-1006	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	229.37	94.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.47*	
26 05 36 00-1007	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	247.14	104.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.36*	
26 05 36 00-1008	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	288.84	127.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.44*	
26 05 36 00-1009	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	324.09	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.20*	
26 05 36 00-1010	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	358.44	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.92*	
26 05 36 00-1011	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	399.84	188.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.99*	

26 05 36 00-1012 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-0955)*

26 05 36 00-1013	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	217.59	85.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.88*	
26 05 36 00-1014	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	242.27	98.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.11*	
26 05 36 00-1015	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	262.46	109.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.12*	
26 05 36 00-1016	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	311.12	136.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.56*	
26 05 36 00-1017	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	352.52	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.63*	
26 05 36 00-1018	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	393.19	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.66*	
26 05 36 00-1019	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	446.84	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.34*	

26 05 36 00-1020 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-0955)*

26 05 36 00-1021	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	264.61	89.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.23*	
26 05 36 00-1022	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	290.82	104.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.54*	
26 05 36 00-1023	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	318.89	116.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.94*	
26 05 36 00-1024	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	374.01	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.70*	
26 05 36 00-1025	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	421.45	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.07*	
26 05 36 00-1026	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	474.56	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.73*	
26 05 36 00-1027	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	538.45	232.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.92*	

26 05 36 00-1028 12" Radius Horizontal Tees *(26 05 36 00-0955)*

26 05 36 00-1029	EA	6" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	343.35	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.17*	
26 05 36 00-1030	EA	9" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	371.31	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.57*	
26 05 36 00-1031	EA	12" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	385.53	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1032	EA	18" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	432.66	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.63*	
26 05 36 00-1033	EA	24" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	479.39	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.97*	
26 05 36 00-1034	EA	30" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	519.70	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.99*	
26 05 36 00-1035	EA	36" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	597.05	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.85*	

26 05 36 00-1036 24" Radius Horizontal Tees *(26 05 36 00-0955)*

26 05 36 00-1037	EA	6" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	422.10	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.11*	
26 05 36 00-1038	EA	9" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	457.46	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.87*	
26 05 36 00-1039	EA	12" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	476.94	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.85*	
26 05 36 00-1040	EA	18" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	526.28	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.31*	
26 05 36 00-1041	EA	24" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	586.74	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.34*	
26 05 36 00-1042	EA	30" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	630.91	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.55*	
26 05 36 00-1043	EA	36" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	800.69	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.03*	

26 05 36 00-1044 36" Radius Horizontal Tees *(26 05 36 00-0955)*

26 05 36 00-1045	EA	6" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	505.64	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.28*	
26 05 36 00-1046	EA	9" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	543.64	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.18*	
26 05 36 00-1047	EA	12" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	580.98	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.05*	
26 05 36 00-1048	EA	18" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	638.84	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.94*	
26 05 36 00-1049	EA	24" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	720.63	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.03*	
26 05 36 00-1050	EA	30" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	824.13	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.21*	
26 05 36 00-1051	EA	36" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	950.80	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.54*	

26 05 36 00-1052 12" Radius Vertical Tees *(26 05 36 00-0955)*

26 05 36 00-1053	EA	6" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	422.63	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.13*	
26 05 36 00-1054	EA	9" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	437.46	152.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.87*	
26 05 36 00-1055	EA	12" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	448.84	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.44*	
26 05 36 00-1056	EA	18" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	475.50	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.78*	
26 05 36 00-1057	EA	24" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	504.05	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.20*	
26 05 36 00-1058	EA	30" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	538.15	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.91*	
26 05 36 00-1059	EA	36" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	580.98	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.05*	

26 05 36 00-1060 24" Radius Vertical Tees *(26 05 36 00-0955)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1061	EA	6" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	566.05	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.30*	
26 05 36 00-1062	EA	9" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	580.87	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.04*	
26 05 36 00-1063	EA	12" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	596.62	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.83*	
26 05 36 00-1064	EA	18" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	633.27	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.66*	
26 05 36 00-1065	EA	24" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	656.67	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.83*	
26 05 36 00-1066	EA	30" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	700.79	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.04*	
26 05 36 00-1067	EA	36" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	776.88	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.84*	

26 05 36 00-1068 36" Radius Vertical Tees *(26 05 36 00-0955)*

26 05 36 00-1069	EA	6" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	861.45	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.07*	
26 05 36 00-1070	EA	9" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	881.83	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.09*	
26 05 36 00-1071	EA	12" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	903.91	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.20*	
26 05 36 00-1072	EA	18" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	944.18	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.21*	
26 05 36 00-1073	EA	24" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	970.74	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.54*	
26 05 36 00-1074	EA	30" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,039.27	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.96*	
26 05 36 00-1075	EA	36" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,105.08	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.25*	

26 05 36 00-1076 12" Radius Horizontal Crosses *(26 05 36 00-0955)*

26 05 36 00-1077	EA	6" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	440.48	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.02*	
26 05 36 00-1078	EA	9" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	469.41	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.47*	
26 05 36 00-1079	EA	12" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	489.81	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.49*	
26 05 36 00-1080	EA	18" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	537.93	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.90*	
26 05 36 00-1081	EA	24" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	594.45	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.72*	
26 05 36 00-1082	EA	30" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	652.91	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.65*	
26 05 36 00-1083	EA	36" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	735.57	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.78*	

26 05 36 00-1084 24" Radius Horizontal Crosses *(26 05 36 00-0955)*

26 05 36 00-1085	EA	6" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	578.37	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.92*	
26 05 36 00-1086	EA	9" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	606.95	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.35*	
26 05 36 00-1087	EA	12" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	637.53	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.88*	
26 05 36 00-1088	EA	18" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	676.50	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.83*	
26 05 36 00-1089	EA	24" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	765.52	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1090	EA	30" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	825.74	329.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.29*	
26 05 36 00-1091	EA	36" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	910.43	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.52*	
26 05 36 00-1092		**36" Radius Horizontal Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1093	EA	6" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	662.28	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.11*	
26 05 36 00-1094	EA	9" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	699.94	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.00*	
26 05 36 00-1095	EA	12" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	746.68	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.33*	
26 05 36 00-1096	EA	18" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	801.99	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.10*	
26 05 36 00-1097	EA	24" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	963.82	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.19*	
26 05 36 00-1098	EA	30" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,062.23	395.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.11*	
26 05 36 00-1099	EA	36" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,182.81	440.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.14*	
26 05 36 00-1100		**12" Radius Vertical Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1101	EA	6" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	440.48	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.02*	
26 05 36 00-1102	EA	9" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	469.53	208.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.48*	
26 05 36 00-1103	EA	12" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	489.75	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.49*	
26 05 36 00-1104	EA	18" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	538.07	232.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.90*	
26 05 36 00-1105	EA	24" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	594.45	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.72*	
26 05 36 00-1106	EA	30" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	653.12	282.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.66*	
26 05 36 00-1107	EA	36" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	734.95	304.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.75*	
26 05 36 00-1108		**24" Radius Vertical Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1109	EA	6" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	578.37	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.92*	
26 05 36 00-1110	EA	9" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	606.95	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.35*	
26 05 36 00-1111	EA	12" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	637.53	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.88*	
26 05 36 00-1112	EA	18" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	676.50	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.83*	
26 05 36 00-1113	EA	24" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	765.52	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.28*	
26 05 36 00-1114	EA	30" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	825.74	329.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.29*	
26 05 36 00-1115	EA	36" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	910.43	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.52*	
26 05 36 00-1116		**36" Radius Vertical Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1117	EA	6" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	774.80	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.74*	
26 05 36 00-1118	EA	9" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	817.15	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1119	EA	12" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	870.92	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.55*	
26 05 36 00-1120	EA	18" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	934.44	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.72*	
26 05 36 00-1121	EA	24" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,127.92	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.40*	
26 05 36 00-1122	EA	30" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,243.91	395.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.20*	
26 05 36 00-1123	EA	36" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,384.99	440.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.25*	

26 05 36 00-1124 9" Rung Tray Fittings *(26 05 36 00-0744)*

26 05 36 00-1125 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1126	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	180.65	82.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.03*	
26 05 36 00-1127	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	200.93	94.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.05*	
26 05 36 00-1128	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	225.59	104.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.28*	
26 05 36 00-1129	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	271.32	127.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.57*	
26 05 36 00-1130	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	316.92	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.85*	
26 05 36 00-1131	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	351.87	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.59*	
26 05 36 00-1132	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	407.43	188.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.37*	

26 05 36 00-1133 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1134	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	219.30	85.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.97*	
26 05 36 00-1135	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	243.99	98.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.20*	
26 05 36 00-1136	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	266.23	109.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.31*	
26 05 36 00-1137	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	317.58	136.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.88*	
26 05 36 00-1138	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	362.67	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.13*	
26 05 36 00-1139	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	407.57	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.38*	
26 05 36 00-1140	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	468.54	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.43*	

26 05 36 00-1141 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1142	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	233.36	89.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.67*	
26 05 36 00-1143	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	259.09	104.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.95*	
26 05 36 00-1144	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	289.58	116.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.48*	
26 05 36 00-1145	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	351.65	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.58*	
26 05 36 00-1146	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	408.21	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.41*	
26 05 36 00-1147	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	463.27	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.16*	
26 05 36 00-1148	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	540.45	232.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.02*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1149			**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1150		EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	128.08	59.93
			For 60 Degree Bend, Deduct	*-19.30*	
			For 30 Degree Bend, Deduct	*-35.49*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-7.82*	
			For 6" Overall Height Instead Of 4-5/8", Add	*6.40*	
26 05 36 00-1151		EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	149.06	71.89
			For 60 Degree Bend, Deduct	*-21.65*	
			For 30 Degree Bend, Deduct	*-40.07*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.92*	
			For 6" Overall Height Instead Of 4-5/8", Add	*7.45*	
26 05 36 00-1152		EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	167.80	82.45
			For 60 Degree Bend, Deduct	*-23.77*	
			For 30 Degree Bend, Deduct	*-44.20*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.91*	
			For 6" Overall Height Instead Of 4-5/8", Add	*8.39*	
26 05 36 00-1153		EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	209.45	104.21
			For 60 Degree Bend, Deduct	*-29.18*	
			For 30 Degree Bend, Deduct	*-54.42*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.26*	
			For 6" Overall Height Instead Of 4-5/8", Add	*10.47*	
26 05 36 00-1154		EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	257.21	127.63
			For 60 Degree Bend, Deduct	*-35.96*	
			For 30 Degree Bend, Deduct	*-67.02*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.09*	
			For 6" Overall Height Instead Of 4-5/8", Add	*12.86*	
26 05 36 00-1155		EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	295.22	146.51
			For 60 Degree Bend, Deduct	*-41.25*	
			For 30 Degree Bend, Deduct	*-76.90*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.31*	
			For 6" Overall Height Instead Of 4-5/8", Add	*14.76*	
26 05 36 00-1156		EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	339.84	171.98
			For 60 Degree Bend, Deduct	*-46.22*	
			For 30 Degree Bend, Deduct	*-86.58*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.65*	
			For 6" Overall Height Instead Of 4-5/8", Add	*16.99*	
26 05 36 00-1157			**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1158		EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	140.98	61.83
			For 60 Degree Bend, Deduct	*-22.83*	
			For 30 Degree Bend, Deduct	*-41.49*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.95*	
			For 6" Overall Height Instead Of 4-5/8", Add	*7.05*	
26 05 36 00-1159		EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	166.57	74.53
			For 60 Degree Bend, Deduct	*-26.39*	
			For 30 Degree Bend, Deduct	*-48.13*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.45*	
			For 6" Overall Height Instead Of 4-5/8", Add	*8.33*	
26 05 36 00-1160		EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	186.84	86.07
			For 60 Degree Bend, Deduct	*-28.67*	
			For 30 Degree Bend, Deduct	*-52.56*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.51*	
			For 6" Overall Height Instead Of 4-5/8", Add	*9.34*	
26 05 36 00-1161		EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	229.88	109.90
			For 60 Degree Bend, Deduct	*-33.72*	
			For 30 Degree Bend, Deduct	*-62.31*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.83*	
			For 6" Overall Height Instead Of 4-5/8", Add	*11.49*	
26 05 36 00-1162		EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	281.76	136.53
			For 60 Degree Bend, Deduct	*-40.66*	
			For 30 Degree Bend, Deduct	*-75.34*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.80*	
			For 6" Overall Height Instead Of 4-5/8", Add	*14.09*	
26 05 36 00-1163		EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	329.03	158.38
			For 60 Degree Bend, Deduct	*-47.88*	
			For 30 Degree Bend, Deduct	*-88.60*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.71*	
			For 6" Overall Height Instead Of 4-5/8", Add	*16.45*	
26 05 36 00-1164		EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	382.57	188.55
			For 60 Degree Bend, Deduct	*-53.98*	
			For 30 Degree Bend, Deduct	*-100.44*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.55*	
			For 6" Overall Height Instead Of 4-5/8", Add	*19.13*	
26 05 36 00-1165			**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1166		EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	157.31	63.81
			For 60 Degree Bend, Deduct	*-27.46*	
			For 30 Degree Bend, Deduct	*-49.32*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.42*	
			For 6" Overall Height Instead Of 4-5/8", Add	*7.87*	
26 05 36 00-1167		EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	181.23	77.49
			For 60 Degree Bend, Deduct	*-30.10*	
			For 30 Degree Bend, Deduct	*-54.48*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.67*	
			For 6" Overall Height Instead Of 4-5/8", Add	*9.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1168	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	203.08	89.95
		For 60 Degree Bend, Deduct	*-32.54*	
		For 30 Degree Bend, Deduct	*-59.23*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.15*	
26 05 36 00-1169	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	252.69	116.41
		For 60 Degree Bend, Deduct	*-38.75*	
		For 30 Degree Bend, Deduct	*-71.05*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.63*	
26 05 36 00-1170	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	315.84	146.51
		For 60 Degree Bend, Deduct	*-48.06*	
		For 30 Degree Bend, Deduct	*-88.24*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.79*	
26 05 36 00-1171	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	362.63	171.98
		For 60 Degree Bend, Deduct	*-53.74*	
		For 30 Degree Bend, Deduct	*-99.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.13*	
26 05 36 00-1172	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	430.56	208.18
		For 60 Degree Bend, Deduct	*-62.28*	
		For 30 Degree Bend, Deduct	*-115.36*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.53*	

26 05 36 00-1173 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1124)*

26 05 36 00-1174	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	197.10	82.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.86*	
26 05 36 00-1175	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	219.93	94.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.00*	
26 05 36 00-1176	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	237.53	104.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.88*	
26 05 36 00-1177	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	278.91	127.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.95*	
26 05 36 00-1178	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	313.67	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.68*	
26 05 36 00-1179	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	347.53	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.38*	
26 05 36 00-1180	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	388.60	188.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.43*	

26 05 36 00-1181 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1124)*

26 05 36 00-1182	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	207.90	85.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.40*	
26 05 36 00-1183	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	232.18	98.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.61*	
26 05 36 00-1184	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	252.13	109.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.61*	
26 05 36 00-1185	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	300.21	136.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.01*	
26 05 36 00-1186	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	340.96	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.05*	
26 05 36 00-1187	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	380.98	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.05*	
26 05 36 00-1188	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	433.81	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.69*	

26 05 36 00-1189 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1124)*

26 05 36 00-1190	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	249.64	89.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.48*	
26 05 36 00-1191	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	275.52	104.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.78*	
26 05 36 00-1192	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	302.61	116.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.13*	
26 05 36 00-1193	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	357.08	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1194	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	403.87	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.19*	
26 05 36 00-1195	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	455.67	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.78*	
26 05 36 00-1196	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	518.75	232.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.94*	

26 05 36 00-1197 12" Radius Horizontal Tees *(26 05 36 00-1124)*

26 05 36 00-1198	EA	6" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	330.11	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.51*	
26 05 36 00-1199	EA	9" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	357.20	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.86*	
26 05 36 00-1200	EA	12" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	371.21	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.56*	
26 05 36 00-1201	EA	18" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	415.52	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.78*	
26 05 36 00-1202	EA	24" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	460.51	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.03*	
26 05 36 00-1203	EA	30" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	497.77	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.89*	
26 05 36 00-1204	EA	36" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	570.79	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.54*	

26 05 36 00-1205 24" Radius Horizontal Tees *(26 05 36 00-1124)*

26 05 36 00-1206	EA	6" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	399.53	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.98*	
26 05 36 00-1207	EA	9" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	433.58	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.68*	
26 05 36 00-1208	EA	12" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	452.42	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.62*	
26 05 36 00-1209	EA	18" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	499.58	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.98*	
26 05 36 00-1210	EA	24" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	557.66	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.88*	
26 05 36 00-1211	EA	30" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	599.01	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.95*	
26 05 36 00-1212	EA	36" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	751.85	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.59*	

26 05 36 00-1213 36" Radius Horizontal Tees *(26 05 36 00-1124)*

26 05 36 00-1214	EA	6" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	473.74	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.69*	
26 05 36 00-1215	EA	9" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	510.87	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.54*	
26 05 36 00-1216	EA	12" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	545.16	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.26*	
26 05 36 00-1217	EA	18" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	601.07	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.05*	
26 05 36 00-1218	EA	24" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	678.95	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.95*	
26 05 36 00-1219	EA	30" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	771.38	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.57*	
26 05 36 00-1220	EA	36" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	892.20	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.61*	

26 05 36 00-1221 12" Radius Vertical Tees *(26 05 36 00-1124)*

26 05 36 00-1222	EA	6" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	392.89	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1223	EA	9" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	406.85	152.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.34*	
26 05 36 00-1224	EA	12" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	418.02	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.90*	
26 05 36 00-1225	EA	18" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	444.03	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.20*	
26 05 36 00-1226	EA	24" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	469.97	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.50*	
26 05 36 00-1227	EA	30" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	503.42	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.17*	
26 05 36 00-1228	EA	36" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	545.16	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.26*	

26 05 36 00-1229 24" Radius Vertical Tees *(26 05 36 00-1124)*

26 05 36 00-1230	EA	6" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	515.69	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.78*	
26 05 36 00-1231	EA	9" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	529.86	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.49*	
26 05 36 00-1232	EA	12" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	544.96	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.25*	
26 05 36 00-1233	EA	18" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	580.09	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.00*	
26 05 36 00-1234	EA	24" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	602.19	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.11*	
26 05 36 00-1235	EA	30" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	645.01	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.25*	
26 05 36 00-1236	EA	36" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	716.11	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.81*	

26 05 36 00-1237 36" Radius Vertical Tees *(26 05 36 00-1124)*

26 05 36 00-1238	EA	6" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	765.65	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.28*	
26 05 36 00-1239	EA	9" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	784.79	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.24*	
26 05 36 00-1240	EA	12" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	805.63	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.28*	
26 05 36 00-1241	EA	18" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	844.65	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.23*	
26 05 36 00-1242	EA	24" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	869.96	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.50*	
26 05 36 00-1243	EA	30" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	934.76	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.74*	
26 05 36 00-1244	EA	36" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	999.33	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.97*	

26 05 36 00-1245 12" Radius Horizontal Crosses *(26 05 36 00-1124)*

26 05 36 00-1246	EA	6" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	422.03	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.10*	
26 05 36 00-1247	EA	9" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	449.01	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.45*	
26 05 36 00-1248	EA	12" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	469.19	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.46*	
26 05 36 00-1249	EA	18" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	512.97	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.65*	
26 05 36 00-1250	EA	24" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	568.62	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.43*	
26 05 36 00-1251	EA	30" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	622.52	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1252	EA	36" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	697.58	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.88*	

26 05 36 00-1253 24" Radius Horizontal Crosses *(26 05 36 00-1124)*

26 05 36 00-1254	EA	6" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	542.99	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.15*	
26 05 36 00-1255	EA	9" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	570.49	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.52*	
26 05 36 00-1256	EA	12" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	599.98	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.00*	
26 05 36 00-1257	EA	18" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	636.99	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.85*	
26 05 36 00-1258	EA	24" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	722.55	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.13*	
26 05 36 00-1259	EA	30" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	779.72	329.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.99*	
26 05 36 00-1260	EA	36" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	858.55	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.93*	

26 05 36 00-1261 36" Radius Horizontal Crosses *(26 05 36 00-1124)*

26 05 36 00-1262	EA	6" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	620.60	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.03*	
26 05 36 00-1263	EA	9" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	656.53	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.83*	
26 05 36 00-1264	EA	12" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	700.66	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.03*	
26 05 36 00-1265	EA	18" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	752.93	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.65*	
26 05 36 00-1266	EA	24" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	903.05	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.15*	
26 05 36 00-1267	EA	30" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	994.95	395.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.75*	
26 05 36 00-1268	EA	36" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,107.92	440.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.40*	

26 05 36 00-1269 12" Radius Vertical Crosses *(26 05 36 00-1124)*

26 05 36 00-1270	EA	6" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	422.03	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.10*	
26 05 36 00-1271	EA	9" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	449.01	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.45*	
26 05 36 00-1272	EA	12" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	469.19	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.46*	
26 05 36 00-1273	EA	18" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	512.97	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.65*	
26 05 36 00-1274	EA	24" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	568.62	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.43*	
26 05 36 00-1275	EA	30" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	622.52	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.13*	
26 05 36 00-1276	EA	36" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	696.34	303.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.82*	

26 05 36 00-1277 24" Radius Vertical Crosses *(26 05 36 00-1124)*

26 05 36 00-1278	EA	6" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	542.99	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.15*	
26 05 36 00-1279	EA	9" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	570.49	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.52*	
26 05 36 00-1280	EA	12" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	599.98	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1281	EA	18" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	636.99	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.85*	
26 05 36 00-1282	EA	24" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	722.55	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.13*	
26 05 36 00-1283	EA	30" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	779.72	329.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.99*	
26 05 36 00-1284	EA	36" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	858.55	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.93*	

26 05 36 00-1285 36" Radius Vertical Crosses *(26 05 36 00-1124)*

26 05 36 00-1286	EA	6" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	714.37	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.72*	
26 05 36 00-1287	EA	9" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	754.20	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.71*	
26 05 36 00-1288	EA	12" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	804.20	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.21*	
26 05 36 00-1289	EA	18" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	863.31	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.17*	
26 05 36 00-1290	EA	24" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,039.79	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.99*	
26 05 36 00-1291	EA	30" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,146.34	395.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.32*	
26 05 36 00-1292	EA	36" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,276.41	440.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.82*	

26 05 36 00-1293 12" Rung Tray Fittings *(26 05 36 00-0744)*

26 05 36 00-1294 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1293)*

26 05 36 00-1295	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	177.65	82.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.88*	
26 05 36 00-1296	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	197.86	94.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.89*	
26 05 36 00-1297	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	221.95	104.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.10*	
26 05 36 00-1298	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	267.21	127.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.36*	
26 05 36 00-1299	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	311.83	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.59*	
26 05 36 00-1300	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	346.48	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.32*	
26 05 36 00-1301	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	400.90	188.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.05*	

26 05 36 00-1302 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1293)*

26 05 36 00-1303	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	213.98	85.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.70*	
26 05 36 00-1304	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	238.44	98.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.92*	
26 05 36 00-1305	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	260.42	109.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.02*	
26 05 36 00-1306	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	311.27	136.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.56*	
26 05 36 00-1307	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	355.76	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.79*	
26 05 36 00-1308	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	400.01	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.00*	
26 05 36 00-1309	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	460.03	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.00*	

26 05 36 00-1310 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1293)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1311	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	227.51	89.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.38*	
26 05 36 00-1312	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	253.09	104.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.65*	
26 05 36 00-1313	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	282.90	116.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.15*	
26 05 36 00-1314	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	344.13	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.21*	
26 05 36 00-1315	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	399.70	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.99*	
26 05 36 00-1316	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	453.93	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.70*	
26 05 36 00-1317	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	529.74	232.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.49*	

26 05 36 00-1318 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1293)*

26 05 36 00-1319	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	126.10	59.93
		For 60 Degree Bend, Deduct	*-18.65*	
		For 30 Degree Bend, Deduct	*-34.40*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-7.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.31*	
26 05 36 00-1320	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	147.01	71.89
		For 60 Degree Bend, Deduct	*-20.97*	
		For 30 Degree Bend, Deduct	*-38.94*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.35*	
26 05 36 00-1321	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	165.67	82.45
		For 60 Degree Bend, Deduct	*-23.07*	
		For 30 Degree Bend, Deduct	*-43.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.28*	
26 05 36 00-1322	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	206.95	104.21
		For 60 Degree Bend, Deduct	*-28.36*	
		For 30 Degree Bend, Deduct	*-53.05*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.35*	
26 05 36 00-1323	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	254.09	127.63
		For 60 Degree Bend, Deduct	*-34.93*	
		For 30 Degree Bend, Deduct	*-65.30*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.70*	
26 05 36 00-1324	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	291.65	146.51
		For 60 Degree Bend, Deduct	*-40.08*	
		For 30 Degree Bend, Deduct	*-74.93*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.58*	
26 05 36 00-1325	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	336.12	171.98
		For 60 Degree Bend, Deduct	*-44.99*	
		For 30 Degree Bend, Deduct	*-84.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.81*	

26 05 36 00-1326 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1293)*

26 05 36 00-1327	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	138.33	61.83
		For 60 Degree Bend, Deduct	*-21.96*	
		For 30 Degree Bend, Deduct	*-40.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.92*	
26 05 36 00-1328	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	163.60	74.53
		For 60 Degree Bend, Deduct	*-25.41*	
		For 30 Degree Bend, Deduct	*-46.50*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.18*	
26 05 36 00-1329	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	183.80	86.07
		For 60 Degree Bend, Deduct	*-27.67*	
		For 30 Degree Bend, Deduct	*-50.89*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.19*	
26 05 36 00-1330	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	226.61	109.90
		For 60 Degree Bend, Deduct	*-32.64*	
		For 30 Degree Bend, Deduct	*-60.51*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.33*	
26 05 36 00-1331	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	277.97	136.53
		For 60 Degree Bend, Deduct	*-39.41*	
		For 30 Degree Bend, Deduct	*-73.26*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.90*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1332		EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	324.47	158.38
			For 60 Degree Bend, Deduct	*-46.38*	
			For 30 Degree Bend, Deduct	*-86.09*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.25*	
			For 6" Overall Height Instead Of 4-5/8", Add	*16.22*	
26 05 36 00-1333		EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	377.79	188.55
			For 60 Degree Bend, Deduct	*-52.40*	
			For 30 Degree Bend, Deduct	*-97.81*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.07*	
			For 6" Overall Height Instead Of 4-5/8", Add	*18.89*	

26 05 36 00-1334 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1293)*

26 05 36 00-1335		EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	153.74	63.81
			For 60 Degree Bend, Deduct	*-26.29*	
			For 30 Degree Bend, Deduct	*-47.35*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.06*	
			For 6" Overall Height Instead Of 4-5/8", Add	*7.69*	
26 05 36 00-1336		EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	177.59	77.49
			For 60 Degree Bend, Deduct	*-28.90*	
			For 30 Degree Bend, Deduct	*-52.48*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.30*	
			For 6" Overall Height Instead Of 4-5/8", Add	*8.88*	
26 05 36 00-1337		EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	199.36	89.95
			For 60 Degree Bend, Deduct	*-31.31*	
			For 30 Degree Bend, Deduct	*-57.18*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.44*	
			For 6" Overall Height Instead Of 4-5/8", Add	*9.97*	
26 05 36 00-1338		EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	248.58	116.41
			For 60 Degree Bend, Deduct	*-37.39*	
			For 30 Degree Bend, Deduct	*-68.79*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.15*	
			For 6" Overall Height Instead Of 4-5/8", Add	*12.43*	
26 05 36 00-1339		EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	310.82	146.51
			For 60 Degree Bend, Deduct	*-46.40*	
			For 30 Degree Bend, Deduct	*-85.48*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.87*	
			For 6" Overall Height Instead Of 4-5/8", Add	*15.54*	
26 05 36 00-1340		EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	357.31	171.98
			For 60 Degree Bend, Deduct	*-51.98*	
			For 30 Degree Bend, Deduct	*-96.19*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.40*	
			For 6" Overall Height Instead Of 4-5/8", Add	*17.87*	
26 05 36 00-1341		EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	424.71	208.18
			For 60 Degree Bend, Deduct	*-60.35*	
			For 30 Degree Bend, Deduct	*-112.14*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.12*	
			For 6" Overall Height Instead Of 4-5/8", Add	*21.24*	

26 05 36 00-1342 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1293)*

26 05 36 00-1343		EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	191.13	82.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.24*	
			For 6" Overall Height Instead Of 4-5/8", Add	*9.56*	
26 05 36 00-1344		EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	213.63	94.15
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.51*	
			For 6" Overall Height Instead Of 4-5/8", Add	*10.68*	
26 05 36 00-1345		EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	231.13	104.12
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.44*	
			For 6" Overall Height Instead Of 4-5/8", Add	*11.56*	
26 05 36 00-1346		EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	272.29	127.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.59*	
			For 6" Overall Height Instead Of 4-5/8", Add	*13.61*	
26 05 36 00-1347		EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	306.72	146.51
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.46*	
			For 6" Overall Height Instead Of 4-5/8", Add	*15.34*	
26 05 36 00-1348		EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	340.26	164.89
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.29*	
			For 6" Overall Height Instead Of 4-5/8", Add	*17.01*	
26 05 36 00-1349		EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	381.12	188.22
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.43*	
			For 6" Overall Height Instead Of 4-5/8", Add	*19.06*	

26 05 36 00-1350 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1293)*

26 05 36 00-1351		EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	201.45	85.99
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.98*	
			For 6" Overall Height Instead Of 4-5/8", Add	*10.07*	
26 05 36 00-1352		EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	225.45	98.93
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.30*	
			For 6" Overall Height Instead Of 4-5/8", Add	*11.27*	
26 05 36 00-1353		EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	245.23	109.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.36*	
			For 6" Overall Height Instead Of 4-5/8", Add	*12.26*	
26 05 36 00-1354		EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	292.94	136.53
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.92*	
			For 6" Overall Height Instead Of 4-5/8", Add	*14.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1355	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	333.26	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.66*	
26 05 36 00-1356	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	372.84	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.64*	
26 05 36 00-1357	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	425.13	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.26*	

26 05 36 00-1358 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1293)*

26 05 36 00-1359	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	239.65	89.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.98*	
26 05 36 00-1360	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	265.31	104.12
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.27*	
26 05 36 00-1361	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	291.76	116.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.59*	
26 05 36 00-1362	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	345.79	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.29*	
26 05 36 00-1363	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	392.15	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.61*	
26 05 36 00-1364	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	443.08	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.15*	
26 05 36 00-1365	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	505.62	232.49
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.28*	

26 05 36 00-1366 12" Radius Horizontal Tees *(26 05 36 00-1293)*

26 05 36 00-1367	EA	6" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	323.49	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.17*	
26 05 36 00-1368	EA	9" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	350.15	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.51*	
26 05 36 00-1369	EA	12" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	364.05	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.20*	
26 05 36 00-1370	EA	18" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	406.94	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.35*	
26 05 36 00-1371	EA	24" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	451.07	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.55*	
26 05 36 00-1372	EA	30" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	486.81	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.34*	
26 05 36 00-1373	EA	36" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	557.66	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.88*	

26 05 36 00-1374 24" Radius Horizontal Tees *(26 05 36 00-1293)*

26 05 36 00-1375	EA	6" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	388.24	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.41*	
26 05 36 00-1376	EA	9" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	421.64	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.08*	
26 05 36 00-1377	EA	12" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	440.15	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.01*	
26 05 36 00-1378	EA	18" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	486.23	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.31*	
26 05 36 00-1379	EA	24" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	543.11	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.16*	
26 05 36 00-1380	EA	30" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	583.05	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.15*	
26 05 36 00-1381	EA	36" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	727.43	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.37*	

26 05 36 00-1382 36" Radius Horizontal Tees *(26 05 36 00-1293)*

26 05 36 00-1383	EA	6" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	457.78	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1384	EA	9" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	494.48	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.72*	
26 05 36 00-1385	EA	12" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	527.25	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.36*	
26 05 36 00-1386	EA	18" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	582.18	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.11*	
26 05 36 00-1387	EA	24" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	658.12	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.91*	
26 05 36 00-1388	EA	30" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	745.01	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.25*	
26 05 36 00-1389	EA	36" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	862.89	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.14*	

26 05 36 00-1390 12" Radius Vertical Tees *(26 05 36 00-1293)*

26 05 36 00-1391	EA	6" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	378.03	146.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.90*	
26 05 36 00-1392	EA	9" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	391.55	152.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.58*	
26 05 36 00-1393	EA	12" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	402.61	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.13*	
26 05 36 00-1394	EA	18" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	428.29	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.41*	
26 05 36 00-1395	EA	24" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	452.93	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.65*	
26 05 36 00-1396	EA	30" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	486.06	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.30*	
26 05 36 00-1397	EA	36" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	527.25	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.36*	

26 05 36 00-1398 24" Radius Vertical Tees *(26 05 36 00-1293)*

26 05 36 00-1399	EA	6" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	490.52	158.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.53*	
26 05 36 00-1400	EA	9" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	504.36	164.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.22*	
26 05 36 00-1401	EA	12" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	519.13	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.96*	
26 05 36 00-1402	EA	18" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	553.50	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.68*	
26 05 36 00-1403	EA	24" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	574.94	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.75*	
26 05 36 00-1404	EA	30" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	617.12	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.86*	
26 05 36 00-1405	EA	36" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	685.72	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.29*	

26 05 36 00-1406 36" Radius Vertical Tees *(26 05 36 00-1293)*

26 05 36 00-1407	EA	6" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	717.75	171.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.89*	
26 05 36 00-1408	EA	9" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	736.27	179.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.81*	
26 05 36 00-1409	EA	12" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	756.48	188.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.82*	
26 05 36 00-1410	EA	18" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	794.88	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.74*	
26 05 36 00-1411	EA	24" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	819.58	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.98*	
26 05 36 00-1412	EA	30" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	882.51	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1413	EA	36" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	946.45	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.32*	

26 05 36 00-1414 12" Radius Horizontal Crosses *(26 05 36 00-1293)*

26 05 36 00-1415	EA	6" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	412.80	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.64*	
26 05 36 00-1416	EA	9" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	438.80	208.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.94*	
26 05 36 00-1417	EA	12" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	458.88	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.94*	
26 05 36 00-1418	EA	18" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	500.49	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.02*	
26 05 36 00-1419	EA	24" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	555.70	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.79*	
26 05 36 00-1420	EA	30" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	607.33	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.37*	
26 05 36 00-1421	EA	36" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	678.59	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.93*	

26 05 36 00-1422 24" Radius Horizontal Crosses *(26 05 36 00-1293)*

26 05 36 00-1423	EA	6" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	525.30	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.27*	
26 05 36 00-1424	EA	9" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	552.25	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.61*	
26 05 36 00-1425	EA	12" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	581.21	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.06*	
26 05 36 00-1426	EA	18" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	617.24	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.86*	
26 05 36 00-1427	EA	24" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	701.06	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.05*	
26 05 36 00-1428	EA	30" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	756.71	329.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.84*	
26 05 36 00-1429	EA	36" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	832.61	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.63*	

26 05 36 00-1430 36" Radius Horizontal Crosses *(26 05 36 00-1293)*

26 05 36 00-1431	EA	6" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	599.77	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.99*	
26 05 36 00-1432	EA	9" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	634.82	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.74*	
26 05 36 00-1433	EA	12" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	677.65	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.88*	
26 05 36 00-1434	EA	18" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	728.41	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.42*	
26 05 36 00-1435	EA	24" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	872.66	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.63*	
26 05 36 00-1436	EA	30" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	961.30	395.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.07*	
26 05 36 00-1437	EA	36" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,070.48	440.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.52*	

26 05 36 00-1438 12" Radius Vertical Crosses *(26 05 36 00-1293)*

26 05 36 00-1439	EA	6" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	412.80	197.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.64*	
26 05 36 00-1440	EA	9" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	438.92	208.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.95*	
26 05 36 00-1441	EA	12" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	458.82	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1442	EA	18" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	500.63	232.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.03*	
26 05 36 00-1443	EA	24" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	555.70	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.79*	
26 05 36 00-1444	EA	30" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	607.54	282.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.38*	
26 05 36 00-1445	EA	36" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	677.97	304.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.90*	
26 05 36 00-1446		**24" Radius Vertical Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1447	EA	6" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	525.30	219.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.27*	
26 05 36 00-1448	EA	9" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	552.25	232.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.61*	
26 05 36 00-1449	EA	12" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	581.21	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.06*	
26 05 36 00-1450	EA	18" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	617.24	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.86*	
26 05 36 00-1451	EA	24" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	701.06	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.05*	
26 05 36 00-1452	EA	30" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	756.71	329.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.84*	
26 05 36 00-1453	EA	36" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	832.61	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.63*	
26 05 36 00-1454		**36" Radius Vertical Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1455	EA	6" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	684.16	247.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.21*	
26 05 36 00-1456	EA	9" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	722.73	263.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.14*	
26 05 36 00-1457	EA	12" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	770.83	282.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.54*	
26 05 36 00-1458	EA	18" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	827.74	304.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.39*	
26 05 36 00-1459	EA	24" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	995.73	359.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.79*	
26 05 36 00-1460	EA	30" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,097.56	395.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.88*	
26 05 36 00-1461	EA	36" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,222.12	440.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.11*	
26 05 36 00-1462		**Dropout Or End Plates And Reducers** *(26 05 36 00-0744)*		
26 05 36 00-1463		**Straight Reducers** *(26 05 36 00-1462)*		
26 05 36 00-1464	EA	9"-6" Reducer, Aluminum Cable Tray	150.28	60.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.51*	
26 05 36 00-1465	EA	12"-9" Reducer, Aluminum Cable Tray	159.73	65.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.99*	
26 05 36 00-1466	EA	18"-12" Reducer, Aluminum Cable Tray	177.78	76.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.89*	
26 05 36 00-1467	EA	24"-18" Reducer, Aluminum Cable Tray	198.69	87.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.93*	
26 05 36 00-1468	EA	30"-24" Reducer, Aluminum Cable Tray	218.07	98.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.90*	
26 05 36 00-1469	EA	36"-30" Reducer, Aluminum Cable Tray	244.83	113.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.24*	
26 05 36 00-1470		**Reducers** *(26 05 36 00-1462)*		
26 05 36 00-1471	EA	18"-6" Reducer, Aluminum Cable Tray	177.85	76.10
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1472	EA	24"-12" Reducer, Aluminum Cable Tray	198.89	88.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.94*	
26 05 36 00-1473	EA	30"-12" Reducer, Aluminum Cable Tray	217.94	98.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.90*	
26 05 36 00-1474	EA	30"-18" Reducer, Aluminum Cable Tray	218.89	98.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.94*	
26 05 36 00-1475	EA	36"-12" Reducer, Aluminum Cable Tray	243.75	113.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.19*	
26 05 36 00-1476	EA	36"-18" Reducer, Aluminum Cable Tray	249.79	116.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.49*	
26 05 36 00-1477	EA	36"-24" Reducer, Aluminum Cable Tray	258.14	119.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.91*	

26 05 36 00-1478 Dropout Or End Plate *(26 05 36 00-1462)*

26 05 36 00-1479	EA	6" Dropout Or End Plate, Aluminum Cable Tray	47.68	24.74
26 05 36 00-1480	EA	9" Dropout Or End Plate, Aluminum Cable Tray	53.97	28.28
26 05 36 00-1481	EA	12" Dropout Or End Plate, Aluminum Cable Tray	58.19	30.42
26 05 36 00-1482	EA	18" Dropout Or End Plate, Aluminum Cable Tray	69.97	35.95
26 05 36 00-1483	EA	24" Dropout Or End Plate, Aluminum Cable Tray	77.74	39.57
26 05 36 00-1484	EA	30" Dropout Or End Plate, Aluminum Cable Tray	87.29	43.94
26 05 36 00-1485	EA	36" Dropout Or End Plate, Aluminum Cable Tray	98.02	49.47

26 05 36 00-1486 Solid Bottom Cable Tray *(26 05 36 00-0001)*

Note: 3-5/8" Height.

26 05 36 00-1487 Solid Bottom Galvanized Steel Straight Tray Sections *(26 05 36 00-1486)*

26 05 36 00-1488	LF	6" Solid Bottom Steel Cable Tray, Straight Section	18.74	6.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*1.73*	
26 05 36 00-1489	LF	12" Solid Bottom Steel Cable Tray, Straight Section	23.30	7.92
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*2.18*	
26 05 36 00-1490	LF	18" Solid Bottom Steel Cable Tray, Straight Section	31.40	11.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*2.81*	
26 05 36 00-1491	LF	24" Solid Bottom Steel Cable Tray, Straight Section	36.28	13.03
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.27*	
26 05 36 00-1492	LF	30" Solid Bottom Steel Cable Tray, Straight Section	43.53	15.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.90*	
26 05 36 00-1493	LF	36" Solid Bottom Steel Cable Tray, Straight Section	54.79	18.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*5.21*	

26 05 36 00-1494 Solid Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-1486)*

26 05 36 00-1495 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1496	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	197.79	82.53
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*15.92*	
26 05 36 00-1497	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	261.06	116.08
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*19.81*	
26 05 36 00-1498	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	321.38	146.51
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*23.79*	
26 05 36 00-1499	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	394.07	179.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.11*	
26 05 36 00-1500	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	459.70	208.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.20*	
26 05 36 00-1501	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	515.97	232.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.58*	

26 05 36 00-1502 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1503	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	228.84	85.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*20.00*	
26 05 36 00-1504	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	306.39	123.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.33*	
26 05 36 00-1505	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	379.66	158.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.56*	
26 05 36 00-1506	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	464.82	197.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.75*	
26 05 36 00-1507	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	545.38	232.49
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.06*	
26 05 36 00-1508	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	616.71	263.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.56*	

26 05 36 00-1509 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1510	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	274.98	89.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.29*	
26 05 36 00-1511	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	361.28	132.16
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.17*	
26 05 36 00-1512	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	459.49	172.23
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1513	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	552.98	219.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.34*	
26 05 36 00-1514	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	663.73	263.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.61*	
26 05 36 00-1515	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	758.42	303.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.12*	

26 05 36 00-1516 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1517	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	182.80	82.53
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*13.66*	
26 05 36 00-1518	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	244.18	116.08
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*17.27*	
26 05 36 00-1519	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	301.79	146.34
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*20.88*	
26 05 36 00-1520	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	370.11	179.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.56*	
26 05 36 00-1521	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	431.67	208.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.99*	
26 05 36 00-1522	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	483.29	232.49
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.75*	

26 05 36 00-1523 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1524	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	207.53	85.99
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*16.80*	
26 05 36 00-1525	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	281.17	123.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*21.56*	
26 05 36 00-1526	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	351.05	158.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.23*	
26 05 36 00-1527	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	431.06	197.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.68*	
26 05 36 00-1528	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	506.62	232.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.18*	
26 05 36 00-1529	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	572.40	263.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.91*	

26 05 36 00-1530 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1531	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	243.84	89.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*21.60*	
26 05 36 00-1532	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	305.52	119.79
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.86*	
26 05 36 00-1533	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	416.38	172.23
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.75*	
26 05 36 00-1534	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	506.92	220.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.36*	
26 05 36 00-1535	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	607.67	263.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.20*	
26 05 36 00-1536	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	696.66	304.64
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.73*	

26 05 36 00-1537 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1494)*

26 05 36 00-1538	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	210.69	82.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*17.89*	
26 05 36 00-1539	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	270.71	116.08
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*21.25*	
26 05 36 00-1540	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	322.58	146.51
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*23.97*	
26 05 36 00-1541	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	391.66	179.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.75*	
26 05 36 00-1542	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	445.23	208.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.03*	
26 05 36 00-1543	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	488.71	232.49
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.56*	

26 05 36 00-1544 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1494)*

26 05 36 00-1545	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	246.92	85.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*22.72*	
26 05 36 00-1546	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	319.65	123.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.32*	
26 05 36 00-1547	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	386.89	158.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.64*	
26 05 36 00-1548	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	463.62	197.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.57*	
26 05 36 00-1549	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	528.50	232.49
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.53*	
26 05 36 00-1550	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	593.80	263.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.12*	

26 05 36 00-1551 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1494)*

26 05 36 00-1552	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	290.65	89.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1553	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	358.06	120.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.70*	
26 05 36 00-1554	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	459.49	172.23
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.22*	
26 05 36 00-1555	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	555.39	219.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.70*	
26 05 36 00-1556	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	645.65	263.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.90*	
26 05 36 00-1557	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	730.68	303.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.96*	

26 05 36 00-1558 12" Radius Horizontal Tees *(26 05 36 00-1494)*

26 05 36 00-1559	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	348.31	158.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.86*	
26 05 36 00-1560	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	420.89	197.53
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.21*	
26 05 36 00-1561	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	496.68	232.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.69*	
26 05 36 00-1562	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	593.43	282.95
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.85*	
26 05 36 00-1563	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	646.32	304.64
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.18*	
26 05 36 00-1564	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	758.33	359.46
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.83*	

26 05 36 00-1565 24" Radius Horizontal Tees *(26 05 36 00-1494)*

26 05 36 00-1566	EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	418.08	171.98
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.05*	
26 05 36 00-1567	EA	12" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	519.22	219.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.27*	
26 05 36 00-1568	EA	18" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	609.48	263.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.48*	
26 05 36 00-1569	EA	24" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	779.93	329.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.03*	
26 05 36 00-1570	EA	30" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	849.96	359.46
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.58*	
26 05 36 00-1571	EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,004.79	440.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*77.37*	

26 05 36 00-1572 36" Radius Horizontal Tees *(26 05 36 00-1494)*

26 05 36 00-1573	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	520.38	188.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.64*	
26 05 36 00-1574	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	642.52	247.34
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.16*	
26 05 36 00-1575	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	758.45	304.64
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.00*	
26 05 36 00-1576	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	921.10	359.46
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*78.25*	
26 05 36 00-1577	EA	30" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,010.28	396.39
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*85.48*	
26 05 36 00-1578	EA	36" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,186.17	494.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*95.48*	

26 05 36 00-1579 12" Radius Vertical Tees *(26 05 36 00-1494)*

26 05 36 00-1580	EA	6" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	402.57	158.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.99*	
26 05 36 00-1581	EA	12" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	474.47	197.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.19*	
26 05 36 00-1582	EA	18" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	513.19	219.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.37*	
26 05 36 00-1583	EA	24" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	549.00	232.49
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.61*	
26 05 36 00-1584	EA	30" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	611.89	263.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.84*	
26 05 36 00-1585	EA	36" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	686.11	304.64
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.15*	

26 05 36 00-1586 24" Radius Vertical Tees *(26 05 36 00-1494)*

26 05 36 00-1587	EA	6" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	491.63	171.98
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.08*	
26 05 36 00-1588	EA	12" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	580.71	219.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.50*	
26 05 36 00-1589	EA	18" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	637.70	247.34
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.43*	
26 05 36 00-1590	EA	24" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	675.79	263.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.42*	
26 05 36 00-1591	EA	30" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	766.89	304.64
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.27*	
26 05 36 00-1592	EA	36" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	870.46	359.46
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*70.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 36 00-1593 36" Radius Vertical Tees *(26 05 36 00-1494)*

26 05 36 00-1594	EA	6" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	633.24	188.22
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.61*	
26 05 36 00-1595	EA	12" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	737.78	247.34
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.44*	
26 05 36 00-1596	EA	18" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	820.24	282.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.98*	
26 05 36 00-1597	EA	24" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	869.38	304.64
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*79.64*	
26 05 36 00-1598	EA	30" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,021.17	359.46
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*93.26*	
26 05 36 00-1599	EA	36" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,104.63	395.08
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*99.84*	

26 05 36 00-1600 12" Radius Horizontal Crosses *(26 05 36 00-1494)*

26 05 36 00-1601	EA	6" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	431.06	197.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.68*	
26 05 36 00-1602	EA	12" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	497.88	232.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.87*	
26 05 36 00-1603	EA	18" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	599.59	282.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.88*	
26 05 36 00-1604	EA	24" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	694.33	329.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.19*	
26 05 36 00-1605	EA	30" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	820.08	395.08
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.16*	
26 05 36 00-1606	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	910.74	440.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.26*	

26 05 36 00-1607 24" Radius Horizontal Crosses *(26 05 36 00-1494)*

26 05 36 00-1608	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	551.23	220.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.01*	
26 05 36 00-1609	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	645.65	263.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.90*	
26 05 36 00-1610	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	779.93	329.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.03*	
26 05 36 00-1611	EA	24" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	956.02	396.39
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*77.34*	
26 05 36 00-1612	EA	30" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,053.02	440.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*84.60*	
26 05 36 00-1613	EA	36" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,162.05	494.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*91.86*	

26 05 36 00-1614 36" Radius Horizontal Crosses *(26 05 36 00-1494)*

26 05 36 00-1615	EA	6" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	713.66	247.34
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.83*	
26 05 36 00-1616	EA	12" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	839.23	304.64
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.12*	
26 05 36 00-1617	EA	18" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,022.34	396.39
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*87.29*	
26 05 36 00-1618	EA	24" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,161.53	440.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*100.88*	
26 05 36 00-1619	EA	30" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,288.65	494.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*110.85*	
26 05 36 00-1620	EA	36" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,435.51	564.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*121.21*	

26 05 36 00-1621 Straight Reducers *(26 05 36 00-1494)*

26 05 36 00-1622	EA	12"-6" Reducer, Solid Bottom, Steel Cable Tray	169.01	65.96
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*14.36*	
26 05 36 00-1623	EA	18"-12" Reducer, Solid Bottom, Steel Cable Tray	184.53	74.53
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*15.26*	
26 05 36 00-1624	EA	24"-18" Reducer, Solid Bottom, Steel Cable Tray	205.83	85.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*16.56*	
26 05 36 00-1625	EA	30"-24" Reducer, Solid Bottom, Steel Cable Tray	232.41	98.93
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*18.37*	
26 05 36 00-1626	EA	36"-30" Reducer, Solid Bottom, Steel Cable Tray	252.81	109.74
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*19.63*	

26 05 36 00-1627 Reducers *(26 05 36 00-1494)*

26 05 36 00-1628	EA	18"-6" Reducer, Solid Bottom, Steel Cable Tray	184.60	74.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*15.26*	
26 05 36 00-1629	EA	24"-12" Reducer, Solid Bottom, Steel Cable Tray	204.92	86.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*16.40*	
26 05 36 00-1630	EA	30"-12" Reducer, Solid Bottom, Steel Cable Tray	229.87	98.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*18.00*	
26 05 36 00-1631	EA	30"-18" Reducer, Solid Bottom, Steel Cable Tray	230.94	98.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*18.18*	
26 05 36 00-1632	EA	36"-12" Reducer, Solid Bottom, Steel Cable Tray	251.61	109.74
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*19.45*	
26 05 36 00-1633	EA	36"-18" Reducer, Solid Bottom, Steel Cable Tray	252.81	109.74
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*19.63*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1634	EA	36"-24" Reducer, Solid Bottom, Steel Cable Tray	254.35	109.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*19.83*	

26 05 36 00-1635 Dropout Or End Plate *(26 05 36 00-1494)*

26 05 36 00-1636	EA	6" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	53.52	24.74
26 05 36 00-1637	EA	12" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	65.60	30.18
26 05 36 00-1638	EA	18" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	76.09	35.78
26 05 36 00-1639	EA	24" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	85.31	39.57
26 05 36 00-1640	EA	30" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	94.91	43.94
26 05 36 00-1641	EA	36" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	105.66	49.47

26 05 36 00-1642 Solid Bottom Aluminum Straight Cable Tray Sections *(26 05 36 00-1486)*

26 05 36 00-1643	LF	6" Solid Bottom Aluminum Cable Tray, Straight Section	17.31	5.19
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*1.73*	
26 05 36 00-1644	LF	12" Solid Bottom Aluminum Cable Tray, Straight Section	21.46	6.10
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*2.21*	
26 05 36 00-1645	LF	18" Solid Bottom Aluminum Cable Tray, Straight Section	27.48	7.92
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*2.80*	
26 05 36 00-1646	LF	24" Solid Bottom Aluminum Cable Tray, Straight Section	32.46	8.74
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.42*	
26 05 36 00-1647	LF	30" Solid Bottom Aluminum Cable Tray, Straight Section	39.97	11.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*4.11*	
26 05 36 00-1648	LF	36" Solid Bottom Steel Aluminum Tray, Straight Section	47.24	12.37
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*5.02*	

26 05 36 00-1649 Solid Bottom Aluminum Cable Tray Fittings *(26 05 36 00-1486)*

26 05 36 00-1650 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1651	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	206.96	82.53
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*17.29*	
26 05 36 00-1652	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	251.34	103.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*20.38*	
26 05 36 00-1653	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	289.40	116.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*24.02*	
26 05 36 00-1654	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	337.36	136.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.83*	
26 05 36 00-1655	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	397.73	158.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.24*	
26 05 36 00-1656	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	449.79	179.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.47*	

26 05 36 00-1657 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1658	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	241.99	85.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*21.98*	
26 05 36 00-1659	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	300.58	110.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.75*	
26 05 36 00-1660	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	339.60	123.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.33*	
26 05 36 00-1661	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	409.17	146.51
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.95*	
26 05 36 00-1662	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	475.10	171.74
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.64*	
26 05 36 00-1663	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	546.84	197.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.05*	

26 05 36 00-1664 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1665	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	296.09	89.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.46*	
26 05 36 00-1666	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	370.09	116.58
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.09*	
26 05 36 00-1667	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	428.58	132.16
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.27*	
26 05 36 00-1668	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	487.14	158.13
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.71*	
26 05 36 00-1669	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	567.07	188.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.64*	
26 05 36 00-1670	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	661.73	219.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.71*	

26 05 36 00-1671 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1672	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	191.77	82.53
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*15.01*	
26 05 36 00-1673	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	234.15	103.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*17.80*	
26 05 36 00-1674	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	268.21	116.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*20.86*	
26 05 36 00-1675	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	312.75	136.37
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*24.19*	
26 05 36 00-1676	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	368.36	158.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1677	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	415.96	179.48
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.48*	
26 05 36 00-1678		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1649)*		
26 05 36 00-1679	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	220.36	85.99
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*18.72*	
26 05 36 00-1680	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	274.63	109.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*22.87*	
26 05 36 00-1681	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	310.64	123.92
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.94*	
26 05 36 00-1682	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	372.88	146.51
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.51*	
26 05 36 00-1683	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	434.36	172.23
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.45*	
26 05 36 00-1684	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	499.08	197.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.88*	
26 05 36 00-1685		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1649)*		
26 05 36 00-1686	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	264.07	89.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*24.63*	
26 05 36 00-1687	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	331.04	116.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.27*	
26 05 36 00-1688	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	382.74	132.16
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.39*	
26 05 36 00-1689	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	438.62	158.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.37*	
26 05 36 00-1690	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	511.44	188.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.30*	
26 05 36 00-1691	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	597.85	220.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.00*	
26 05 36 00-1692		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1649)*		
26 05 36 00-1693	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	219.62	82.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*19.23*	
26 05 36 00-1694	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	258.94	103.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*21.52*	
26 05 36 00-1695	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	290.49	116.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*24.18*	
26 05 36 00-1696	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	329.77	136.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.69*	
26 05 36 00-1697	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	372.77	158.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.49*	
26 05 36 00-1698	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	410.92	179.48
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.72*	
26 05 36 00-1699		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1649)*		
26 05 36 00-1700	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	260.44	85.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*24.74*	
26 05 36 00-1701	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	310.35	110.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.22*	
26 05 36 00-1702	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	342.86	123.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.82*	
26 05 36 00-1703	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	392.89	146.51
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.51*	
26 05 36 00-1704	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	443.63	171.74
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.92*	
26 05 36 00-1705	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	503.42	197.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.54*	
26 05 36 00-1706		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1649)*		
26 05 36 00-1707	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	303.69	89.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.60*	
26 05 36 00-1708	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	367.91	116.58
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.76*	
26 05 36 00-1709	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	409.05	132.16
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.34*	
26 05 36 00-1710	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	460.01	158.13
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.64*	
26 05 36 00-1711	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	531.26	188.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.27*	
26 05 36 00-1712	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	591.19	219.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.13*	
26 05 36 00-1713		**12" Radius Horizontal Tees** *(26 05 36 00-1649)*		
26 05 36 00-1714	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	371.35	158.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.31*	
26 05 36 00-1715	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	429.37	179.48
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.49*	
26 05 36 00-1716	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	476.29	197.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1717	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	530.63	220.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.92*	
26 05 36 00-1718	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	628.31	263.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.30*	
26 05 36 00-1719	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	766.70	329.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.04*	

26 05 36 00-1720 24" Radius Horizontal Tees *(26 05 36 00-1649)*

26 05 36 00-1721	EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	463.56	171.98
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.87*	
26 05 36 00-1722	EA	12" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	529.47	197.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.44*	
26 05 36 00-1723	EA	18" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	591.83	219.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.17*	
26 05 36 00-1724	EA	24" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	716.22	263.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.49*	
26 05 36 00-1725	EA	30" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	864.37	329.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*74.69*	
26 05 36 00-1726	EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	953.63	360.53
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.95*	

26 05 36 00-1727 36" Radius Horizontal Tees *(26 05 36 00-1649)*

26 05 36 00-1728	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	601.80	188.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.85*	
26 05 36 00-1729	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	680.82	219.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.51*	
26 05 36 00-1730	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	775.80	247.34
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.15*	
26 05 36 00-1731	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	929.68	303.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*88.81*	
26 05 36 00-1732	EA	30" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,127.29	396.39
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*103.03*	
26 05 36 00-1733	EA	36" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,254.43	440.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*114.81*	

26 05 36 00-1734 12" Radius Vertical Tees *(26 05 36 00-1649)*

26 05 36 00-1735	EA	6" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	416.93	158.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.15*	
26 05 36 00-1736	EA	12" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	455.86	179.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.42*	
26 05 36 00-1737	EA	18" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	476.51	188.22
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.10*	
26 05 36 00-1738	EA	24" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	502.89	197.53
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.51*	
26 05 36 00-1739	EA	30" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	554.93	219.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.63*	
26 05 36 00-1740	EA	36" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	639.16	263.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.93*	

26 05 36 00-1741 24" Radius Vertical Tees *(26 05 36 00-1649)*

26 05 36 00-1742	EA	6" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	512.40	171.98
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.19*	
26 05 36 00-1743	EA	12" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	568.54	197.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.30*	
26 05 36 00-1744	EA	18" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	602.03	208.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.61*	
26 05 36 00-1745	EA	24" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	642.84	219.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.82*	
26 05 36 00-1746	EA	30" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	716.11	247.34
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.19*	
26 05 36 00-1747	EA	36" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	826.58	303.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.35*	

26 05 36 00-1748 36" Radius Vertical Tees *(26 05 36 00-1649)*

26 05 36 00-1749	EA	6" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	666.44	188.22
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.59*	
26 05 36 00-1750	EA	12" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	730.60	217.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.43*	
26 05 36 00-1751	EA	18" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	778.13	232.49
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*77.98*	
26 05 36 00-1752	EA	24" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	813.78	247.34
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*80.84*	
26 05 36 00-1753	EA	30" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	904.69	282.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*88.65*	
26 05 36 00-1754	EA	36" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	646.92	359.46
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.12*	

26 05 36 00-1755 12" Radius Horizontal Crosses *(26 05 36 00-1649)*

26 05 36 00-1756	EA	6" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	436.33	179.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1757	EA	12" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	483.89	197.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.61*	
26 05 36 00-1758	EA	18" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	563.25	232.49
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.74*	
26 05 36 00-1759	EA	24" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	670.27	282.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.48*	
26 05 36 00-1760	EA	30" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	732.16	303.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.18*	
26 05 36 00-1761	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	850.52	360.53
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.49*	

26 05 36 00-1762 24" Radius Horizontal Crosses *(26 05 36 00-1649)*

26 05 36 00-1763	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	569.07	198.20
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.33*	
26 05 36 00-1764	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	642.84	219.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.82*	
26 05 36 00-1765	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	740.09	263.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.07*	
26 05 36 00-1766	EA	24" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	914.67	330.68
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.09*	
26 05 36 00-1767	EA	30" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,002.46	360.53
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*90.28*	
26 05 36 00-1768	EA	36" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,151.33	440.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*99.35*	

26 05 36 00-1769 36" Radius Horizontal Crosses *(26 05 36 00-1649)*

26 05 36 00-1770	EA	6" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	773.07	219.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*79.35*	
26 05 36 00-1771	EA	12" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	851.77	247.34
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*86.54*	
26 05 36 00-1772	EA	18" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	996.04	304.64
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*98.64*	
26 05 36 00-1773	EA	24" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,192.41	396.39
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*112.80*	
26 05 36 00-1774	EA	30" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,308.70	440.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*122.96*	
26 05 36 00-1775	EA	36" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,497.32	494.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*142.15*	

26 05 36 00-1776 Straight Reducers *(26 05 36 00-1649)*

26 05 36 00-1777	EA	12"-6" Reducer, Solid Bottom, Aluminum Cable Tray	161.58	56.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*14.81*	
26 05 36 00-1778	EA	18"-12" Reducer, Solid Bottom, Aluminum Cable Tray	179.21	65.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*15.91*	
26 05 36 00-1779	EA	24"-18" Reducer, Solid Bottom, Aluminum Cable Tray	198.04	74.53
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*17.28*	
26 05 36 00-1780	EA	30"-24" Reducer, Solid Bottom, Aluminum Cable Tray	223.64	85.99
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*19.21*	
26 05 36 00-1781	EA	36"-30" Reducer, Solid Bottom, Aluminum Cable Tray	249.28	98.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*20.93*	

26 05 36 00-1782 Reducers *(26 05 36 00-1649)*

26 05 36 00-1783	EA	18"-6" Reducer, Solid Bottom, Aluminum Cable Tray	178.18	65.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*15.75*	
26 05 36 00-1784	EA	24"-12" Reducer, Solid Bottom, Aluminum Cable Tray	197.17	74.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*17.13*	
26 05 36 00-1785	EA	30"-12" Reducer, Solid Bottom, Aluminum Cable Tray	221.37	85.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*18.88*	
26 05 36 00-1786	EA	30"-18" Reducer, Solid Bottom, Aluminum Cable Tray	222.36	85.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*19.04*	
26 05 36 00-1787	EA	36"-12" Reducer, Solid Bottom, Aluminum Cable Tray	249.28	98.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*20.93*	
26 05 36 00-1788	EA	36"-18" Reducer, Solid Bottom, Aluminum Cable Tray	250.37	98.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*21.09*	
26 05 36 00-1789	EA	36"-24" Reducer, Solid Bottom, Aluminum Cable Tray	252.80	98.93
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*21.43*	

26 05 36 00-1790 Dropout Or End Plate *(26 05 36 00-1649)*

26 05 36 00-1791	EA	6" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	54.95	24.74
26 05 36 00-1792	EA	12" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	65.81	30.18
26 05 36 00-1793	EA	18" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	78.25	35.78
26 05 36 00-1794	EA	24" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	86.42	39.57
26 05 36 00-1795	EA	30" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	97.09	43.94
26 05 36 00-1796	EA	36" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	110.12	49.47

26 05 36 00-1797 Vented Bottom Cable Tray *(26 05 36 00-0001)*

Note: 6" Height.

26 05 36 00-1798 Vented Bottom Galvanized Steel Cable Tray *(26 05 36 00-1797)*

26 05 36 00-1799	LF	6" Vented Bottom Steel Cable Tray, Straight Section	24.87	8.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-1.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1800	LF	12" Vented Bottom Steel Cable Tray, Straight Section	29.18	9.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.10*	
26 05 36 00-1801	LF	18" Vented Bottom Steel Cable Tray, Straight Section	34.28	11.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.48*	
26 05 36 00-1802	LF	24" Vented Bottom Steel Cable Tray, Straight Section	39.33	13.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.85*	
26 05 36 00-1803	LF	30" Vented Bottom Steel Cable Tray, Straight Section	51.49	15.75
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.83*	
26 05 36 00-1804	LF	36" Vented Bottom Steel Cable Tray, Straight Section	61.24	19.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.47*	

26 05 36 00-1805 Vented Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-1797)*

26 05 36 00-1806 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1807	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	237.83	104.21
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-15.10*	
26 05 36 00-1808	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	311.21	140.98
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-19.37*	
26 05 36 00-1809	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	387.17	179.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.74*	
26 05 36 00-1810	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	474.74	220.05
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.14*	
26 05 36 00-1811	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	535.44	247.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.89*	
26 05 36 00-1812	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	613.23	282.95
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.74*	

26 05 36 00-1813 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1814	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	277.84	109.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-18.63*	
26 05 36 00-1815	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	363.02	152.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.61*	
26 05 36 00-1816	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	461.76	197.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.69*	
26 05 36 00-1817	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	561.01	247.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.49*	
26 05 36 00-1818	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	597.43	255.49
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.45*	
26 05 36 00-1819	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	748.82	329.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.40*	

26 05 36 00-1820 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1821	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	335.12	116.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.84*	
26 05 36 00-1822	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	437.16	165.14
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.96*	
26 05 36 00-1823	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	561.13	220.05
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.78*	
26 05 36 00-1824	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	675.76	282.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.05*	
26 05 36 00-1825	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	780.01	329.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.52*	
26 05 36 00-1826	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	915.28	395.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.60*	

26 05 36 00-1827 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1828	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	223.86	104.29
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-13.70*	
26 05 36 00-1829	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	294.45	140.98
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-17.69*	
26 05 36 00-1830	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	367.46	179.48
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.79*	
26 05 36 00-1831	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	450.32	219.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-26.73*	
26 05 36 00-1832	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	508.51	247.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.20*	
26 05 36 00-1833	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	581.02	282.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.57*	

26 05 36 00-1834 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1835	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	257.15	109.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-16.55*	
26 05 36 00-1836	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	339.00	152.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.21*	
26 05 36 00-1837	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	433.26	198.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-26.81*	
26 05 36 00-1838	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	528.28	247.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.22*	
26 05 36 00-1839	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	605.48	282.95
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.97*	
26 05 36 00-1840	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	705.00	329.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 36 00-1841 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1842	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	304.34	116.33
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.74*	
26 05 36 00-1843	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	400.80	164.64
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-26.36*	
26 05 36 00-1844	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	518.36	220.05
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.50*	
26 05 36 00-1845	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	631.69	282.95
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.59*	
26 05 36 00-1846	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	729.33	329.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.45*	
26 05 36 00-1847	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	860.90	396.39
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.06*	

26 05 36 00-1848 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1805)*

26 05 36 00-1849	EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	255.99	103.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-16.94*	
26 05 36 00-1850	EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	327.41	140.98
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.99*	
26 05 36 00-1851	EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	393.17	179.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.34*	
26 05 36 00-1852	EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	473.54	220.05
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.02*	
26 05 36 00-1853	EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	522.24	247.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.57*	
26 05 36 00-1854	EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	585.77	282.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.05*	

26 05 36 00-1855 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1805)*

26 05 36 00-1856	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	301.84	109.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.03*	
26 05 36 00-1857	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	379.82	152.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.29*	
26 05 36 00-1858	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	468.96	197.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.41*	
26 05 36 00-1859	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	556.21	247.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.01*	
26 05 36 00-1860	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	632.56	282.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.73*	
26 05 36 00-1861	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	718.82	329.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.40*	

26 05 36 00-1862 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1805)*

26 05 36 00-1863	EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	354.32	116.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.76*	
26 05 36 00-1864	EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	445.56	165.14
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.80*	
26 05 36 00-1865	EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	556.33	220.05
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.30*	
26 05 36 00-1866	EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	673.36	282.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.81*	
26 05 36 00-1867	EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	757.22	329.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.24*	
26 05 36 00-1868	EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	888.88	395.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.96*	

26 05 36 00-1869 12" Radius Horizontal Tees *(26 05 36 00-1805)*

26 05 36 00-1870	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	426.97	197.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-26.21*	
26 05 36 00-1871	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	519.40	246.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.37*	
26 05 36 00-1872	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	594.04	282.95
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.82*	
26 05 36 00-1873	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	691.22	329.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.64*	
26 05 36 00-1874	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	761.15	359.46
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.16*	
26 05 36 00-1875	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	836.09	395.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.68*	

26 05 36 00-1876 24" Radius Horizontal Tees *(26 05 36 00-1805)*

26 05 36 00-1877	EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	526.87	219.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.38*	
26 05 36 00-1878	EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	645.76	282.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.05*	
26 05 36 00-1879	EA	18" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	745.22	329.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.04*	
26 05 36 00-1880	EA	24" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	912.88	395.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1881	EA	30" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,009.47	440.09
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.27*	
26 05 36 00-1882	EA	36" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,129.21	494.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.70*	

26 05 36 00-1883 36" Radius Horizontal Tees *(26 05 36 00-1805)*

26 05 36 00-1884	EA	6" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	642.60	247.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.65*	
26 05 36 00-1885	EA	12" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	812.41	329.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.76*	
26 05 36 00-1886	EA	18" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	947.39	396.39
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.71*	
26 05 36 00-1887	EA	24" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,170.01	494.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.78*	
26 05 36 00-1888	EA	30" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,311.43	567.31
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-83.87*	
26 05 36 00-1889	EA	36" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,528.30	657.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-98.01*	

26 05 36 00-1890 12" Radius Vertical Tees *(26 05 36 00-1805)*

26 05 36 00-1891	EA	6" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	491.76	197.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.69*	
26 05 36 00-1892	EA	12" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	576.61	247.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.05*	
26 05 36 00-1893	EA	18" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	607.45	263.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.77*	
26 05 36 00-1894	EA	24" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	648.16	282.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.29*	
26 05 36 00-1895	EA	30" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	696.04	304.64
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.22*	
26 05 36 00-1896	EA	36" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	791.15	359.46
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.16*	

26 05 36 00-1897 24" Radius Vertical Tees *(26 05 36 00-1805)*

26 05 36 00-1898	EA	6" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	583.26	219.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.02*	
26 05 36 00-1899	EA	12" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	698.55	282.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.33*	
26 05 36 00-1900	EA	18" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	746.43	304.64
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.26*	
26 05 36 00-1901	EA	24" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	806.41	329.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.16*	
26 05 36 00-1902	EA	30" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	869.14	359.46
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.96*	
26 05 36 00-1903	EA	36" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,026.27	440.09
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.95*	

26 05 36 00-1904 36" Radius Vertical Tees *(26 05 36 00-1805)*

26 05 36 00-1905	EA	6" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	756.97	246.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.13*	
26 05 36 00-1906	EA	12" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	903.60	329.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.88*	
26 05 36 00-1907	EA	18" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	965.13	359.46
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-66.55*	
26 05 36 00-1908	EA	24" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,050.57	396.39
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.03*	
26 05 36 00-1909	EA	30" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,183.45	440.09
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-81.67*	
26 05 36 00-1910	EA	36" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,397.11	564.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-92.65*	

26 05 36 00-1911 12" Radius Horizontal Crosses *(26 05 36 00-1805)*

26 05 36 00-1912	EA	6" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	537.02	247.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.09*	
26 05 36 00-1913	EA	12" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	597.64	282.95
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.18*	
26 05 36 00-1914	EA	18" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	690.02	329.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.52*	
26 05 36 00-1915	EA	24" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	806.09	395.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.68*	
26 05 36 00-1916	EA	30" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	896.47	438.53
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.10*	
26 05 36 00-1917	EA	36" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,010.43	494.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.82*	

26 05 36 00-1918 24" Radius Horizontal Crosses *(26 05 36 00-1805)*

26 05 36 00-1919	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	667.23	282.95
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.14*	
26 05 36 00-1920	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	754.82	329.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1921	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	884.08	395.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.48*	
26 05 36 00-1922	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,111.22	494.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-69.90*	
26 05 36 00-1923	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,257.92	564.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-78.73*	
26 05 36 00-1924	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,432.31	657.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-88.41*	

26 05 36 00-1925 36" Radius Horizontal Crosses *(26 05 36 00-1805)*

26 05 36 00-1926	EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	879.60	329.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.48*	
26 05 36 00-1927	EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,007.38	396.39
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.71*	
26 05 36 00-1928	EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,178.41	494.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.62*	
26 05 36 00-1929	EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,528.16	661.29
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-97.71*	
26 05 36 00-1930	EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,789.18	792.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-112.86*	
26 05 36 00-1931	EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	2,152.84	989.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-132.84*	

26 05 36 00-1932 Straight Reducers *(26 05 36 00-1805)*

26 05 36 00-1933	EA	12"-6" Reducer, Vented Bottom, Steel Cable Tray	201.00	84.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-13.08*	
26 05 36 00-1934	EA	18"-12" Reducer, Vented Bottom, Steel Cable Tray	219.85	94.15
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-14.14*	
26 05 36 00-1935	EA	24"-18" Reducer, Vented Bottom, Steel Cable Tray	250.07	109.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-15.86*	
26 05 36 00-1936	EA	30"-24" Reducer, Vented Bottom, Steel Cable Tray	275.70	123.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-17.26*	
26 05 36 00-1937	EA	36"-30" Reducer, Vented Bottom, Steel Cable Tray	301.39	136.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-18.79*	

26 05 36 00-1938 Reducers *(26 05 36 00-1805)*

26 05 36 00-1939	EA	18"-6" Reducer, Vented Bottom, Steel Cable Tray	219.85	94.15
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-14.14*	
26 05 36 00-1940	EA	24"-12" Reducer, Vented Bottom, Steel Cable Tray	249.20	109.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-15.76*	
26 05 36 00-1941	EA	30"-12" Reducer, Vented Bottom, Steel Cable Tray	274.29	123.50
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-17.13*	
26 05 36 00-1942	EA	30"-18" Reducer, Vented Bottom, Steel Cable Tray	275.29	123.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-17.24*	
26 05 36 00-1943	EA	36"-12" Reducer, Vented Bottom, Steel Cable Tray	300.19	136.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-18.67*	
26 05 36 00-1944	EA	36"-18" Reducer, Vented Bottom, Steel Cable Tray	301.39	136.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-18.79*	
26 05 36 00-1945	EA	36"-24" Reducer, Vented Bottom, Steel Cable Tray	303.09	136.53
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-18.93*	

26 05 36 00-1946 Dropout Or End Plate *(26 05 36 00-1805)*

26 05 36 00-1947	EA	6" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	65.16	30.42
26 05 36 00-1948	EA	12" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	77.15	35.70
26 05 36 00-1949	EA	18" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	85.07	39.41
26 05 36 00-1950	EA	24" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	95.55	43.94
26 05 36 00-1951	EA	30" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	106.23	49.38
26 05 36 00-1952	EA	36" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	124.83	59.03

26 05 36 00-1953 Vented Bottom Aluminum Cable Tray *(26 05 36 00-1797)*

26 05 36 00-1954	LF	6" Vented Bottom Aluminum Cable Tray, Straight Section	22.18	6.43
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-1.68*	
26 05 36 00-1955	LF	9" Vented Bottom Aluminum Cable Tray, Straight Section	24.57	7.09
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-1.87*	
26 05 36 00-1956	LF	12" Vented Bottom Aluminum Cable Tray, Straight Section	27.50	7.92
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.09*	
26 05 36 00-1957	LF	18" Vented Bottom Aluminum Cable Tray, Straight Section	31.90	8.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.45*	
26 05 36 00-1958	LF	24" Vented Bottom Aluminum Cable Tray, Straight Section	36.49	9.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.83*	
26 05 36 00-1959	LF	30" Vented Bottom Aluminum Cable Tray, Straight Section	45.94	11.30
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.65*	
26 05 36 00-1960	LF	36" Vented Bottom Aluminum Cable Tray, Straight Section	51.36	13.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.03*	

26 05 36 00-1961 Vented Bottom Aluminum Cable Tray Fittings *(26 05 36 00-1797)*

26 05 36 00-1962 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-1963	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	248.52	104.21
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-16.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1964	EA	9" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	269.97	113.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-17.57*	
26 05 36 00-1965	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	299.09	127.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-19.30*	
26 05 36 00-1966	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	336.22	141.15
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.86*	
26 05 36 00-1967	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	404.28	172.23
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-26.07*	
26 05 36 00-1968	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	474.65	198.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.95*	
26 05 36 00-1969	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	524.12	220.05
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.07*	

26 05 36 00-1970 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-1971	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	291.58	109.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.01*	
26 05 36 00-1972	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	354.48	136.53
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.07*	
26 05 36 00-1973	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	400.34	152.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.34*	
26 05 36 00-1974	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	480.85	188.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.40*	
26 05 36 00-1975	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	556.46	219.30
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.37*	
26 05 36 00-1976	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	618.43	247.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.23*	

26 05 36 00-1977 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-1978	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	346.56	116.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.98*	
26 05 36 00-1979	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	419.23	146.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.70*	
26 05 36 00-1980	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	473.79	165.14
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.62*	
26 05 36 00-1981	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	564.05	208.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.06*	
26 05 36 00-1982	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	591.28	201.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.32*	
26 05 36 00-1983	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	747.33	282.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.20*	

26 05 36 00-1984 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-1985	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	232.20	104.29
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-14.53*	
26 05 36 00-1986	EA	9" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	252.23	113.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-15.79*	
26 05 36 00-1987	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	279.99	127.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-17.39*	
26 05 36 00-1988	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	313.75	140.98
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-19.62*	
26 05 36 00-1989	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	378.08	171.98
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.48*	
26 05 36 00-1990	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	442.90	198.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.77*	
26 05 36 00-1991	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	488.84	219.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.58*	

26 05 36 00-1992 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-1993	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	267.86	109.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-17.63*	
26 05 36 00-1994	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	326.54	136.53
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.28*	
26 05 36 00-1995	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	368.42	152.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.14*	
26 05 36 00-1996	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	444.56	188.55
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.75*	
26 05 36 00-1997	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	515.74	220.05
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.24*	
26 05 36 00-1998	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	573.07	247.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.70*	

26 05 36 00-1999 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-2000	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	313.26	116.33
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.63*	
26 05 36 00-2001	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	380.21	146.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.83*	
26 05 36 00-2002	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	430.09	165.14
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.25*	
26 05 36 00-2003	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	516.87	208.59
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.31*	
26 05 36 00-2004	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	587.09	232.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2005	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	687.51	282.95
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.17*	
26 05 36 00-2006		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1961)*		
26 05 36 00-2007	EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	264.36	103.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-17.78*	
26 05 36 00-2008	EA	9" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	284.65	112.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-19.06*	
26 05 36 00-2009	EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	309.95	127.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.38*	
26 05 36 00-2010	EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	336.22	141.15
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.86*	
26 05 36 00-2011	EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	398.85	172.23
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.53*	
26 05 36 00-2012	EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	447.52	198.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.24*	
26 05 36 00-2013	EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	484.39	219.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.13*	
26 05 36 00-2014		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1961)*		
26 05 36 00-2015	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	305.69	109.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.42*	
26 05 36 00-2016	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	360.99	136.53
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.72*	
26 05 36 00-2017	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	399.26	152.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.23*	
26 05 36 00-2018	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	461.80	188.55
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.47*	
26 05 36 00-2019	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	521.29	219.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.82*	
26 05 36 00-2020	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	575.02	247.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.89*	
26 05 36 00-2021		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1961)*		
26 05 36 00-2022	EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	345.48	116.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.87*	
26 05 36 00-2023	EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	407.29	146.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.50*	
26 05 36 00-2024	EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	457.51	165.14
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.99*	
26 05 36 00-2025	EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	544.51	208.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.10*	
26 05 36 00-2026	EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	605.22	232.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.11*	
26 05 36 00-2027	EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	694.15	282.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.89*	
26 05 36 00-2028		**12" Radius Horizontal Tees** *(26 05 36 00-1961)*		
26 05 36 00-2029	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	443.73	197.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.88*	
26 05 36 00-2030	EA	9" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	464.20	208.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.07*	
26 05 36 00-2031	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	492.43	219.30
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.97*	
26 05 36 00-2032	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	560.65	247.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.41*	
26 05 36 00-2033	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	639.88	282.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.46*	
26 05 36 00-2034	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	730.88	329.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.61*	
26 05 36 00-2035	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	805.37	359.46
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.58*	
26 05 36 00-2036		**24" Radius Horizontal Tees** *(26 05 36 00-1961)*		
26 05 36 00-2037	EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	539.73	219.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.67*	
26 05 36 00-2038	EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	608.93	246.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.32*	
26 05 36 00-2039	EA	18" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	687.64	282.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.24*	
26 05 36 00-2040	EA	24" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	819.49	328.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.54*	
26 05 36 00-2041	EA	30" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	953.65	396.39
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.33*	
26 05 36 00-2042	EA	36" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,075.36	440.09
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.86*	
26 05 36 00-2043		**36" Radius Horizontal Tees** *(26 05 36 00-1961)*		
26 05 36 00-2044	EA	6" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	691.15	247.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2045	EA	12" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	790.74	282.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.55*	
26 05 36 00-2046	EA	18" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	822.62	275.45
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.31*	
26 05 36 00-2047	EA	24" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,081.77	395.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.25*	
26 05 36 00-2048	EA	30" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,278.15	496.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-86.43*	
26 05 36 00-2049	EA	36" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,462.09	564.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-99.15*	

26 05 36 00-2050 12" Radius Vertical Tees *(26 05 36 00-1961)*

26 05 36 00-2051	EA	6" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	486.06	197.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.12*	
26 05 36 00-2052	EA	9" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	504.36	208.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.09*	
26 05 36 00-2053	EA	12" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	535.39	219.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.23*	
26 05 36 00-2054	EA	18" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	558.55	232.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.45*	
26 05 36 00-2055	EA	24" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	586.14	246.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.04*	
26 05 36 00-2056	EA	30" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	621.80	263.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.21*	
26 05 36 00-2057	EA	36" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	696.34	303.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.31*	

26 05 36 00-2058 24" Radius Vertical Tees *(26 05 36 00-1961)*

26 05 36 00-2059	EA	6" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	587.49	219.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.44*	
26 05 36 00-2060	EA	12" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	650.17	246.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.45*	
26 05 36 00-2061	EA	18" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	694.51	263.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.48*	
26 05 36 00-2062	EA	24" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	741.90	282.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.66*	
26 05 36 00-2063	EA	30" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	799.45	303.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.62*	
26 05 36 00-2064	EA	36" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	899.36	360.53
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.89*	

26 05 36 00-2065 36" Radius Vertical Tees *(26 05 36 00-1961)*

26 05 36 00-2066	EA	6" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	753.27	246.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.76*	
26 05 36 00-2067	EA	12" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	834.15	282.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.89*	
26 05 36 00-2068	EA	18" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	880.84	303.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.76*	
26 05 36 00-2069	EA	24" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	952.65	330.68
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.71*	
26 05 36 00-2070	EA	30" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,035.02	360.53
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-73.46*	
26 05 36 00-2071	EA	36" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,186.71	438.53
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.13*	

26 05 36 00-2072 12" Radius Horizontal Crosses *(26 05 36 00-1961)*

26 05 36 00-2073	EA	6" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	508.26	219.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.52*	
26 05 36 00-2074	EA	9" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	540.10	232.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.60*	
26 05 36 00-2075	EA	12" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	569.33	247.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.28*	
26 05 36 00-2076	EA	18" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	634.46	282.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.92*	
26 05 36 00-2077	EA	24" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	730.50	328.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.64*	
26 05 36 00-2078	EA	30" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	818.82	358.47
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.01*	
26 05 36 00-2079	EA	36" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,000.48	440.09
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.37*	

26 05 36 00-2080 24" Radius Horizontal Crosses *(26 05 36 00-1961)*

26 05 36 00-2081	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	668.09	247.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.16*	
26 05 36 00-2082	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	749.50	282.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.42*	
26 05 36 00-2083	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	848.79	328.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.47*	
26 05 36 00-2084	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,005.80	395.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.65*	
26 05 36 00-2085	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,105.31	438.53
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-73.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2086	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,364.42	564.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-89.38*	
26 05 36 00-2087		**36" Radius Horizontal Crosses** *(26 05 36 00-1961)*		
26 05 36 00-2088	EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	888.41	282.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.31*	
26 05 36 00-2089	EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	996.06	330.68
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.05*	
26 05 36 00-2090	EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,141.46	395.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-81.22*	
26 05 36 00-2091	EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,386.68	496.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-97.28*	
26 05 36 00-2092	EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,553.23	567.31
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-108.05*	
26 05 36 00-2093	EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,801.78	657.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-125.36*	
26 05 36 00-2094		**Straight Reducers** *(26 05 36 00-1961)*		
26 05 36 00-2095	EA	9"-6" Reducer, Vented Bottom, Aluminum Cable Tray	179.45	65.96
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-12.45*	
26 05 36 00-2096	EA	12"-9" Reducer, Vented Bottom, Aluminum Cable Tray	188.50	69.50
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-13.06*	
26 05 36 00-2097	EA	18"-12" Reducer, Vented Bottom, Aluminum Cable Tray	215.46	82.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-14.68*	
26 05 36 00-2098	EA	24"-18" Reducer, Vented Bottom, Aluminum Cable Tray	240.31	94.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-16.19*	
26 05 36 00-2099	EA	30"-24" Reducer, Vented Bottom, Aluminum Cable Tray	268.95	109.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-17.73*	
26 05 36 00-2100	EA	36"-30" Reducer, Vented Bottom, Aluminum Cable Tray	294.69	123.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-19.18*	
26 05 36 00-2101		**Reducers** *(26 05 36 00-1961)*		
26 05 36 00-2102	EA	12"-6" Reducer, Vented Bottom, Aluminum Cable Tray	188.31	69.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-13.05*	
26 05 36 00-2103	EA	18"-6" Reducer, Vented Bottom, Aluminum Cable Tray	215.37	82.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-14.68*	
26 05 36 00-2104	EA	18"-9" Reducer, Vented Bottom, Aluminum Cable Tray	215.37	82.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-14.68*	
26 05 36 00-2105	EA	24"-6" Reducer, Vented Bottom, Aluminum Cable Tray	240.43	94.15
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-16.20*	
26 05 36 00-2106	EA	24"-9" Reducer, Vented Bottom, Aluminum Cable Tray	240.43	94.15
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-16.20*	
26 05 36 00-2107	EA	24"-12" Reducer, Vented Bottom, Aluminum Cable Tray	240.66	94.23
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-16.21*	
26 05 36 00-2108	EA	30"-12" Reducer, Vented Bottom, Aluminum Cable Tray	270.96	109.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-17.94*	
26 05 36 00-2109	EA	30"-18" Reducer, Vented Bottom, Aluminum Cable Tray	268.62	109.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-17.72*	
26 05 36 00-2110	EA	36"-12" Reducer, Vented Bottom, Aluminum Cable Tray	294.69	123.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-19.18*	
26 05 36 00-2111	EA	36"-18" Reducer, Vented Bottom, Aluminum Cable Tray	294.69	123.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-19.18*	
26 05 36 00-2112	EA	36"-24" Reducer, Vented Bottom, Aluminum Cable Tray	295.10	123.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-19.20*	
26 05 36 00-2113		**Dropout Or End Plate** *(26 05 36 00-1961)*		
26 05 36 00-2114	EA	6" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	64.92	30.42
26 05 36 00-2115	EA	9" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	70.83	33.22
26 05 36 00-2116	EA	12" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	76.27	35.70
26 05 36 00-2117	EA	18" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	85.93	39.41
26 05 36 00-2118	EA	24" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	97.71	43.94
26 05 36 00-2119	EA	30" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	108.40	49.38
26 05 36 00-2120	EA	36" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	124.09	56.56
26 05 36 00-2121		**Covers And Dividers** *(26 05 36 00-0001)*		
26 05 36 00-2122		**Galvanized Steel Covers** *(26 05 36 00-2121)*		
26 05 36 00-2123		**Ventilated Straight Sections** *(26 05 36 00-2122)*		
26 05 36 00-2124	LF	6" Steel Cable Tray Cover, Straight Section	6.30	1.48
26 05 36 00-2125	LF	9" Steel Cable Tray Cover, Straight Section	7.57	1.73
26 05 36 00-2126	LF	12" Steel Cable Tray Cover, Straight Section	8.87	1.97
26 05 36 00-2127	LF	18" Steel Cable Tray Cover, Straight Section	12.01	2.64
26 05 36 00-2128	LF	24" Steel Cable Tray Cover, Straight Section	15.30	3.55
26 05 36 00-2129	LF	30" Steel Cable Tray Cover, Straight Section	18.60	4.37
26 05 36 00-2130	LF	36" Steel Cable Tray Cover, Straight Section	95.51	49.55
26 05 36 00-2131		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2132	EA	6" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	37.03	5.27
26 05 36 00-2133	EA	9" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	41.50	6.18
26 05 36 00-2134	EA	12" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	45.18	7.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2135	EA	18" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	61.25	9.40
26 05 36 00-2136	EA	24" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	75.16	11.96
26 05 36 00-2137	EA	30" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	90.45	13.27
26 05 36 00-2138	EA	36" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	109.21	15.83

26 05 36 00-2139 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-2122)*

26 05 36 00-2140	EA	6" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	56.51	5.85
26 05 36 00-2141	EA	9" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	59.37	6.85
26 05 36 00-2142	EA	12" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	67.17	8.25
26 05 36 00-2143	EA	18" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	83.39	10.47
26 05 36 00-2144	EA	24" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	102.40	13.19
26 05 36 00-2145	EA	30" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	130.94	15.17
26 05 36 00-2146	EA	36" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	152.40	17.97

26 05 36 00-2147 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-2122)*

26 05 36 00-2148	EA	6" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	79.32	6.59
26 05 36 00-2149	EA	9" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	88.29	7.59
26 05 36 00-2150	EA	12" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	96.08	9.40
26 05 36 00-2151	EA	18" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	121.51	10.96
26 05 36 00-2152	EA	24" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	147.76	15.25
26 05 36 00-2153	EA	30" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	173.87	17.23
26 05 36 00-2154	EA	36" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	203.30	19.78

26 05 36 00-2155 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-2122)*

26 05 36 00-2156	EA	6" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	28.87	5.27
		For 60 Degree Bend, Deduct	*-7.50*	
		For 30 Degree Bend, Deduct	*-12.79*	
26 05 36 00-2157	EA	9" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	34.30	6.18
		For 60 Degree Bend, Deduct	*-8.95*	
		For 30 Degree Bend, Deduct	*-15.26*	
26 05 36 00-2158	EA	12" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	38.58	7.34
		For 60 Degree Bend, Deduct	*-9.93*	
		For 30 Degree Bend, Deduct	*-16.96*	
26 05 36 00-2159	EA	18" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	46.77	8.99
		For 60 Degree Bend, Deduct	*-11.99*	
		For 30 Degree Bend, Deduct	*-20.48*	
26 05 36 00-2160	EA	24" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	54.58	10.38
		For 60 Degree Bend, Deduct	*-14.01*	
		For 30 Degree Bend, Deduct	*-23.94*	
26 05 36 00-2161	EA	30" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	63.78	11.96
		For 60 Degree Bend, Deduct	*-16.45*	
		For 30 Degree Bend, Deduct	*-28.08*	
26 05 36 00-2162	EA	36" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	71.18	13.19
		For 60 Degree Bend, Deduct	*-18.43*	
		For 30 Degree Bend, Deduct	*-31.45*	

26 05 36 00-2163 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-2122)*

26 05 36 00-2164	EA	6" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	39.13	5.85
		For 60 Degree Bend, Deduct	*-10.68*	
		For 30 Degree Bend, Deduct	*-18.12*	
26 05 36 00-2165	EA	9" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	44.38	6.85
		For 60 Degree Bend, Deduct	*-12.03*	
		For 30 Degree Bend, Deduct	*-20.43*	
26 05 36 00-2166	EA	12" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	50.98	8.25
		For 60 Degree Bend, Deduct	*-13.65*	
		For 30 Degree Bend, Deduct	*-23.22*	
26 05 36 00-2167	EA	18" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	59.12	9.89
		For 60 Degree Bend, Deduct	*-15.71*	
		For 30 Degree Bend, Deduct	*-26.73*	
26 05 36 00-2168	EA	24" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	68.07	11.30
		For 60 Degree Bend, Deduct	*-18.12*	
		For 30 Degree Bend, Deduct	*-30.83*	
26 05 36 00-2169	EA	30" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	84.43	13.19
		For 60 Degree Bend, Deduct	*-22.79*	
		For 30 Degree Bend, Deduct	*-38.72*	
26 05 36 00-2170	EA	36" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	93.79	15.25
		For 60 Degree Bend, Deduct	*-25.11*	
		For 30 Degree Bend, Deduct	*-42.69*	

26 05 36 00-2171 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-2122)*

26 05 36 00-2172	EA	6" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	53.56	6.59
		For 60 Degree Bend, Deduct	*-15.15*	
		For 30 Degree Bend, Deduct	*-25.62*	
26 05 36 00-2173	EA	9" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	60.69	7.59
		For 60 Degree Bend, Deduct	*-17.11*	
		For 30 Degree Bend, Deduct	*-28.93*	
26 05 36 00-2174	EA	12" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	68.44	9.40
		For 60 Degree Bend, Deduct	*-18.99*	
		For 30 Degree Bend, Deduct	*-32.16*	
26 05 36 00-2175	EA	18" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	78.00	10.47
		For 60 Degree Bend, Deduct	*-21.74*	
		For 30 Degree Bend, Deduct	*-36.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2176	EA	24" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	95.09	12.78
		For 60 Degree Bend, Deduct	*-26.48*	
		For 30 Degree Bend, Deduct	*-44.84*	
26 05 36 00-2177	EA	30" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	105.79	15.25
		For 60 Degree Bend, Deduct	*-29.07*	
		For 30 Degree Bend, Deduct	*-49.29*	
26 05 36 00-2178	EA	36" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	124.69	16.49
		For 60 Degree Bend, Deduct	*-34.82*	
		For 30 Degree Bend, Deduct	*-58.95*	

26 05 36 00-2179 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-2122)*

26 05 36 00-2180	EA	6" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	32.32	5.27
26 05 36 00-2181	EA	9" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	34.30	6.18
26 05 36 00-2182	EA	12" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	37.98	7.34
26 05 36 00-2183	EA	18" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	44.39	8.99
26 05 36 00-2184	EA	24" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	49.39	11.63
26 05 36 00-2185	EA	30" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	55.06	13.27
26 05 36 00-2186	EA	36" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	68.95	15.83

26 05 36 00-2187 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-2122)*

26 05 36 00-2188	EA	6" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	38.52	5.85
26 05 36 00-2189	EA	9" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	43.18	6.85
26 05 36 00-2190	EA	12" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	46.78	8.25
26 05 36 00-2191	EA	18" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	60.28	9.89
26 05 36 00-2192	EA	24" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	70.46	12.78
26 05 36 00-2193	EA	30" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	81.16	15.25
26 05 36 00-2194	EA	36" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	93.60	17.97

26 05 36 00-2195 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-2122)*

26 05 36 00-2196	EA	6" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	44.53	6.59
26 05 36 00-2197	EA	9" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	55.30	7.59
26 05 36 00-2198	EA	12" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	63.68	9.40
26 05 36 00-2199	EA	18" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	78.00	10.47
26 05 36 00-2200	EA	24" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	91.56	14.59
26 05 36 00-2201	EA	30" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	109.08	17.23
26 05 36 00-2202	EA	36" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	127.71	19.78

26 05 36 00-2203 12" Radius Horizontal Tees *(26 05 36 00-2122)*

26 05 36 00-2204	EA	6" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	56.94	8.58
26 05 36 00-2205	EA	9" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	60.28	9.89
26 05 36 00-2206	EA	12" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	68.52	11.63
26 05 36 00-2207	EA	18" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	82.03	13.19
26 05 36 00-2208	EA	24" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	100.99	15.25
26 05 36 00-2209	EA	30" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	125.36	21.93
26 05 36 00-2210	EA	36" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	150.66	26.30

26 05 36 00-2211 24" Radius Horizontal Tees *(26 05 36 00-2122)*

26 05 36 00-2212	EA	6" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	82.18	8.99
26 05 36 00-2213	EA	9" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	94.20	10.47
26 05 36 00-2214	EA	12" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	99.78	12.37
26 05 36 00-2215	EA	18" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	125.56	14.18
26 05 36 00-2216	EA	24" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	183.39	16.49
26 05 36 00-2217	EA	30" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	218.83	24.74
26 05 36 00-2218	EA	36" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	246.28	30.42

26 05 36 00-2219 36" Radius Horizontal Tees *(26 05 36 00-2122)*

26 05 36 00-2220	EA	6" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	136.86	9.40
26 05 36 00-2221	EA	9" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	141.89	10.96
26 05 36 00-2222	EA	12" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	158.79	13.19
26 05 36 00-2223	EA	18" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	186.22	15.25
26 05 36 00-2224	EA	24" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	241.19	17.97
26 05 36 00-2225	EA	30" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	276.40	28.36
26 05 36 00-2226	EA	36" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	320.14	35.86

26 05 36 00-2227 12" Radius Horizontal Crosses *(26 05 36 00-2122)*

26 05 36 00-2228	EA	6" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	82.96	11.63
26 05 36 00-2229	EA	9" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	87.80	12.37
26 05 36 00-2230	EA	12" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	97.03	13.19
26 05 36 00-2231	EA	18" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	114.19	15.25
26 05 36 00-2232	EA	24" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	144.53	21.93
26 05 36 00-2233	EA	30" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	167.42	26.30
26 05 36 00-2234	EA	36" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	191.06	28.28

26 05 36 00-2235 24" Radius Horizontal Crosses *(26 05 36 00-2122)*

26 05 36 00-2236	EA	6" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	141.83	12.37
26 05 36 00-2237	EA	9" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	153.99	13.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2238	EA	12" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	165.15	14.18
26 05 36 00-2239	EA	18" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	196.59	16.49
26 05 36 00-2240	EA	24" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	247.60	24.74
26 05 36 00-2241	EA	30" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	283.41	30.42
26 05 36 00-2242	EA	36" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	316.41	32.89
26 05 36 00-2243		**36" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2244	EA	6" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	224.79	13.19
26 05 36 00-2245	EA	9" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	233.56	14.18
26 05 36 00-2246	EA	12" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	246.21	15.25
26 05 36 00-2247	EA	18" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	284.38	17.97
26 05 36 00-2248	EA	24" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	371.16	28.28
26 05 36 00-2249	EA	30" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	408.00	36.03
26 05 36 00-2250	EA	36" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	437.92	39.57
26 05 36 00-2251		**Reducers** *(26 05 36 00-2122)*		
26 05 36 00-2252	EA	9"-6" Reducer, Steel Cable Tray Covers	37.31	6.18
26 05 36 00-2253	EA	12"-6" Reducer, Steel Cable Tray Covers	40.41	7.34
26 05 36 00-2254	EA	12"-9" Reducer, Steel Cable Tray Covers	40.41	7.34
26 05 36 00-2255	EA	18"-6" Reducer, Steel Cable Tray Covers	44.99	8.99
26 05 36 00-2256	EA	18"-12" Reducer, Steel Cable Tray Covers	44.99	8.99
26 05 36 00-2257	EA	24"-12" Reducer, Steel Cable Tray Covers	54.89	9.89
26 05 36 00-2258	EA	24"-18" Reducer, Steel Cable Tray Covers	58.49	9.89
26 05 36 00-2259	EA	30"-12" Reducer, Steel Cable Tray Covers	57.26	11.30
26 05 36 00-2260	EA	30"-18" Reducer, Steel Cable Tray Covers	60.86	11.30
26 05 36 00-2261	EA	30"-24" Reducer, Steel Cable Tray Covers	63.25	11.30
26 05 36 00-2262	EA	36"-12" Reducer, Steel Cable Tray Covers	66.16	12.37
26 05 36 00-2263	EA	36"-18" Reducer, Steel Cable Tray Covers	67.36	12.37
26 05 36 00-2264	EA	36"-24" Reducer, Steel Cable Tray Covers	68.56	12.37
26 05 36 00-2265	EA	36"-30" Reducer, Steel Cable Tray Covers	69.16	12.37
26 05 36 00-2266		**Aluminum Covers** *(26 05 36 00-2121)*		
26 05 36 00-2267		**Ventilated Straight Sections** *(26 05 36 00-2266)*		
26 05 36 00-2268	LF	6" Aluminum Cable Tray Cover, Straight Section	5.83	1.48
26 05 36 00-2269	LF	9" Aluminum Cable Tray Cover, Straight Section	6.91	1.73
26 05 36 00-2270	LF	12" Aluminum Cable Tray Cover, Straight Section	8.07	1.97
26 05 36 00-2271	LF	18" Aluminum Cable Tray Cover, Straight Section	10.74	2.64
26 05 36 00-2272	LF	24" Aluminum Cable Tray Cover, Straight Section	13.92	3.55
26 05 36 00-2273	LF	30" Aluminum Cable Tray Cover, Straight Section	16.06	4.37
26 05 36 00-2274	LF	36" Aluminum Cable Tray Cover, Straight Section	91.89	49.55
26 05 36 00-2275		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2276	EA	6" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	33.79	5.27
26 05 36 00-2277	EA	9" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	36.35	6.18
26 05 36 00-2278	EA	12" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	40.40	7.34
26 05 36 00-2279	EA	18" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	52.56	9.40
26 05 36 00-2280	EA	24" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	66.64	11.96
26 05 36 00-2281	EA	30" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	77.95	13.27
26 05 36 00-2282	EA	36" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	94.79	15.83
26 05 36 00-2283		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2284	EA	6" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	43.91	5.85
26 05 36 00-2285	EA	9" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	53.71	6.85
26 05 36 00-2286	EA	12" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	60.45	8.25
26 05 36 00-2287	EA	18" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	72.75	10.47
26 05 36 00-2288	EA	24" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	90.38	13.19
26 05 36 00-2289	EA	30" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	108.92	15.17
26 05 36 00-2290	EA	36" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	133.11	17.97
26 05 36 00-2291		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2292	EA	6" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	69.54	6.59
26 05 36 00-2293	EA	9" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	76.73	7.59
26 05 36 00-2294	EA	12" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	88.40	9.40
26 05 36 00-2295	EA	18" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	105.14	10.96
26 05 36 00-2296	EA	24" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	130.64	15.25
26 05 36 00-2297	EA	30" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	150.24	17.23
26 05 36 00-2298	EA	36" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	175.09	19.78
26 05 36 00-2299		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2300	EA	6" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	27.28	5.27
		For 60 Degree Bend, Deduct	*-6.97*	
		For 30 Degree Bend, Deduct	*-11.91*	
26 05 36 00-2301	EA	9" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	29.29	6.18
		For 60 Degree Bend, Deduct	*-7.30*	
		For 30 Degree Bend, Deduct	*-12.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2302	EA	12" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	33.45	7.34
		For 60 Degree Bend, Deduct	*-8.24*	
		For 30 Degree Bend, Deduct	*-14.13*	
26 05 36 00-2303	EA	18" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	39.39	8.99
		For 60 Degree Bend, Deduct	*-9.56*	
		For 30 Degree Bend, Deduct	*-16.43*	
26 05 36 00-2304	EA	24" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	44.51	10.38
		For 60 Degree Bend, Deduct	*-10.69*	
		For 30 Degree Bend, Deduct	*-18.40*	
26 05 36 00-2305	EA	30" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	54.18	11.96
		For 60 Degree Bend, Deduct	*-13.28*	
		For 30 Degree Bend, Deduct	*-22.80*	
26 05 36 00-2306	EA	36" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	63.23	13.19
		For 60 Degree Bend, Deduct	*-15.81*	
		For 30 Degree Bend, Deduct	*-27.08*	

26 05 36 00-2307 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-2266)*

26 05 36 00-2308	EA	6" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	31.16	5.85
		For 60 Degree Bend, Deduct	*-8.04*	
		For 30 Degree Bend, Deduct	*-13.73*	
26 05 36 00-2309	EA	9" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	38.51	6.85
		For 60 Degree Bend, Deduct	*-10.09*	
		For 30 Degree Bend, Deduct	*-17.20*	
26 05 36 00-2310	EA	12" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	42.00	8.25
		For 60 Degree Bend, Deduct	*-10.69*	
		For 30 Degree Bend, Deduct	*-18.28*	
26 05 36 00-2311	EA	18" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	50.71	9.89
		For 60 Degree Bend, Deduct	*-12.93*	
		For 30 Degree Bend, Deduct	*-22.11*	
26 05 36 00-2312	EA	24" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	61.21	11.30
		For 60 Degree Bend, Deduct	*-15.86*	
		For 30 Degree Bend, Deduct	*-27.06*	
26 05 36 00-2313	EA	30" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	70.88	13.19
		For 60 Degree Bend, Deduct	*-18.32*	
		For 30 Degree Bend, Deduct	*-31.27*	
26 05 36 00-2314	EA	36" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	81.83	15.25
		For 60 Degree Bend, Deduct	*-21.16*	
		For 30 Degree Bend, Deduct	*-36.12*	

26 05 36 00-2315 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-2266)*

26 05 36 00-2316	EA	6" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	47.86	6.59
		For 60 Degree Bend, Deduct	*-13.27*	
		For 30 Degree Bend, Deduct	*-22.49*	
26 05 36 00-2317	EA	9" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	52.86	7.59
		For 60 Degree Bend, Deduct	*-14.52*	
		For 30 Degree Bend, Deduct	*-24.63*	
26 05 36 00-2318	EA	12" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	57.98	9.40
		For 60 Degree Bend, Deduct	*-15.53*	
		For 30 Degree Bend, Deduct	*-26.41*	
26 05 36 00-2319	EA	18" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	68.42	10.47
		For 60 Degree Bend, Deduct	*-18.57*	
		For 30 Degree Bend, Deduct	*-31.54*	
26 05 36 00-2320	EA	24" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	83.16	12.78
		For 60 Degree Bend, Deduct	*-22.54*	
		For 30 Degree Bend, Deduct	*-38.28*	
26 05 36 00-2321	EA	30" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	95.94	15.25
		For 60 Degree Bend, Deduct	*-25.82*	
		For 30 Degree Bend, Deduct	*-43.88*	
26 05 36 00-2322	EA	36" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	107.81	16.49
		For 60 Degree Bend, Deduct	*-29.25*	
		For 30 Degree Bend, Deduct	*-49.67*	

26 05 36 00-2323 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-2266)*

26 05 36 00-2324	EA	6" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	30.07	5.27
26 05 36 00-2325	EA	9" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	31.73	6.18
26 05 36 00-2326	EA	12" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	35.51	7.34
26 05 36 00-2327	EA	18" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	42.12	8.99
26 05 36 00-2328	EA	24" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	47.61	11.63
26 05 36 00-2329	EA	30" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	50.82	13.27
26 05 36 00-2330	EA	36" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	61.08	15.83

26 05 36 00-2331 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-2266)*

26 05 36 00-2332	EA	6" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	34.14	5.85
26 05 36 00-2333	EA	9" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	37.97	6.85
26 05 36 00-2334	EA	12" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	42.54	8.25
26 05 36 00-2335	EA	18" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	51.22	9.89
26 05 36 00-2336	EA	24" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	59.25	12.78
26 05 36 00-2337	EA	30" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	74.21	15.25
26 05 36 00-2338	EA	36" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	83.19	17.97

26 05 36 00-2339 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-2266)*

26 05 36 00-2340	EA	6" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	39.15	6.59

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2341	EA	9" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	47.43	7.59
26 05 36 00-2342	EA	12" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	55.85	9.40
26 05 36 00-2343	EA	18" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	66.25	10.47
26 05 36 00-2344	EA	24" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	81.89	14.59
26 05 36 00-2345	EA	30" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	101.40	17.23
26 05 36 00-2346	EA	36" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	111.06	19.78
26 05 36 00-2347		**12" Radius Horizontal Tees** *(26 05 36 00-2266)*		
26 05 36 00-2348	EA	6" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	49.07	8.58
26 05 36 00-2349	EA	9" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	53.39	9.89
26 05 36 00-2350	EA	12" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	60.57	11.63
26 05 36 00-2351	EA	18" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	70.88	13.19
26 05 36 00-2352	EA	24" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	87.26	15.25
26 05 36 00-2353	EA	30" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	109.28	21.93
26 05 36 00-2354	EA	36" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	131.78	26.30
26 05 36 00-2355		**24" Radius Horizontal Tees** *(26 05 36 00-2266)*		
26 05 36 00-2356	EA	6" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	71.42	8.99
26 05 36 00-2357	EA	9" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	80.36	10.47
26 05 36 00-2358	EA	12" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	91.13	12.37
26 05 36 00-2359	EA	18" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	106.05	14.18
26 05 36 00-2360	EA	24" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	158.73	16.49
26 05 36 00-2361	EA	30" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	186.68	24.74
26 05 36 00-2362	EA	36" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	212.41	30.42
26 05 36 00-2363		**36" Radius Horizontal Tees** *(26 05 36 00-2266)*		
26 05 36 00-2364	EA	6" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	118.77	9.40
26 05 36 00-2365	EA	9" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	123.57	10.96
26 05 36 00-2366	EA	12" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	138.13	13.19
26 05 36 00-2367	EA	18" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	156.76	15.25
26 05 36 00-2368	EA	24" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	197.14	17.97
26 05 36 00-2369	EA	30" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	234.98	28.36
26 05 36 00-2370	EA	36" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	271.40	35.86
26 05 36 00-2371		**12" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2372	EA	6" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	72.55	11.63
26 05 36 00-2373	EA	9" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	77.04	12.37
26 05 36 00-2374	EA	12" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	84.99	13.19
26 05 36 00-2375	EA	18" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	101.37	15.25
26 05 36 00-2376	EA	24" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	124.45	21.93
26 05 36 00-2377	EA	30" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	148.02	26.30
26 05 36 00-2378	EA	36" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	167.55	28.28
26 05 36 00-2379		**24" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2380	EA	6" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	124.83	12.37
26 05 36 00-2381	EA	9" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	133.79	13.19
26 05 36 00-2382	EA	12" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	144.04	14.18
26 05 36 00-2383	EA	18" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	167.41	16.49
26 05 36 00-2384	EA	24" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	208.35	24.74
26 05 36 00-2385	EA	30" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	245.99	30.42
26 05 36 00-2386	EA	36" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	266.47	32.89
26 05 36 00-2387		**36" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2388	EA	6" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	189.14	13.19
26 05 36 00-2389	EA	9" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	198.31	14.18
26 05 36 00-2390	EA	12" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	213.19	15.25
26 05 36 00-2391	EA	18" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	236.21	17.97
26 05 36 00-2392	EA	24" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	302.24	28.28
26 05 36 00-2393	EA	30" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	353.07	36.03
26 05 36 00-2394	EA	36" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	386.12	39.57
26 05 36 00-2395		**Reducers** *(26 05 36 00-2266)*		
26 05 36 00-2396	EA	9"-6" Reducer, Aluminum Cable Tray Covers	36.90	6.18
26 05 36 00-2397	EA	12"-6" Reducer, Aluminum Cable Tray Covers	39.87	7.34
26 05 36 00-2398	EA	12"-9" Reducer, Aluminum Cable Tray Covers	39.88	7.34
26 05 36 00-2399	EA	18"-6" Reducer, Aluminum Cable Tray Covers	45.37	8.99
26 05 36 00-2400	EA	18"-12" Reducer, Aluminum Cable Tray Covers	45.37	8.99
26 05 36 00-2401	EA	24"-12" Reducer, Aluminum Cable Tray Covers	50.13	9.89
26 05 36 00-2402	EA	24"-18" Reducer, Aluminum Cable Tray Covers	54.44	9.89
26 05 36 00-2403	EA	30"-12" Reducer, Aluminum Cable Tray Covers	57.93	11.30
26 05 36 00-2404	EA	30"-18" Reducer, Aluminum Cable Tray Covers	59.54	11.30
26 05 36 00-2405	EA	30"-24" Reducer, Aluminum Cable Tray Covers	60.66	11.30
26 05 36 00-2406	EA	36"-12" Reducer, Aluminum Cable Tray Covers	63.98	12.37
26 05 36 00-2407	EA	36"-18" Reducer, Aluminum Cable Tray Covers	65.07	12.37
26 05 36 00-2408	EA	36"-24" Reducer, Aluminum Cable Tray Covers	65.61	12.37
26 05 36 00-2409	EA	36"-30" Reducer, Aluminum Cable Tray Covers	66.15	12.37

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2410		Galvanized Steel Dividers *(26 05 36 00-2121)*		
26 05 36 00-2411		Straight Dividers *(26 05 36 00-2410)*		
26 05 36 00-2412	LF	3" Deep Galvanized Steel Divider Strip, Straight	6.60	1.97
26 05 36 00-2413	LF	4" Deep Galvanized Steel Divider Strip, Straight	7.72	2.14
26 05 36 00-2414	LF	6" Deep Galvanized Steel Divider Strip, Straight	9.46	2.48
26 05 36 00-2415		3" Deep Vertical Dividers *(26 05 36 00-2410)*		
26 05 36 00-2416	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Steel Cable Tray	39.78	14.18
26 05 36 00-2417	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Steel Cable Tray	44.74	14.67
26 05 36 00-2418	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Steel Cable Tray	47.00	15.25
26 05 36 00-2419	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Steel Cable Tray	53.38	15.83
26 05 36 00-2420	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Steel Cable Tray	50.98	15.83
26 05 36 00-2421	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Steel Cable Tray	55.05	16.49
26 05 36 00-2422	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Steel Cable Tray	63.49	17.23
26 05 36 00-2423	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Steel Cable Tray	77.40	17.97
26 05 36 00-2424	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Steel Cable	63.01	17.97
26 05 36 00-2425	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Steel Cable Tray	69.81	18.88
26 05 36 00-2426	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Steel Cable Tray	77.96	19.78
26 05 36 00-2427	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Steel Cable Tray	97.10	20.86
26 05 36 00-2428		4" Deep Vertical Dividers *(26 05 36 00-2410)*		
26 05 36 00-2429	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Steel Cable Tray	45.04	14.67
26 05 36 00-2430	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Steel Cable Tray	49.40	15.25
26 05 36 00-2431	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Steel Cable Tray	53.38	15.83
26 05 36 00-2432	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Steel Cable Tray	60.45	16.49
26 05 36 00-2433	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Steel Cable Tray	60.45	16.49
26 05 36 00-2434	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Steel Cable Tray	70.09	17.23
26 05 36 00-2435	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Steel Cable Tray	76.80	17.97
26 05 36 00-2436	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Steel Cable Tray	93.80	18.88
26 05 36 00-2437	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Steel Cable Tray	67.09	17.23
26 05 36 00-2438	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Steel Cable Tray	73.80	17.97
26 05 36 00-2439	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Steel Cable Tray	86.60	18.88
26 05 36 00-2440	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Steel Cable Tray	107.96	19.78
26 05 36 00-2441		6" Deep Vertical Dividers *(26 05 36 00-2410)*		
26 05 36 00-2442	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Steel Cable Tray	49.95	16.49
26 05 36 00-2443	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Steel Cable Tray	53.89	17.23
26 05 36 00-2444	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Steel Cable Tray	58.81	17.97
26 05 36 00-2445	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Steel Cable Tray	67.41	18.88
26 05 36 00-2446	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Steel Cable Tray	61.69	17.23
26 05 36 00-2447	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Steel Cable Tray	71.41	17.97
26 05 36 00-2448	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Steel Cable Tray	78.80	18.88
26 05 36 00-2449	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Steel Cable Tray	95.36	19.78
26 05 36 00-2450	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Steel Cable Tray	68.41	17.97
26 05 36 00-2451	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Steel Cable Tray	78.80	18.88
26 05 36 00-2452	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Steel Cable Tray	95.36	19.78
26 05 36 00-2453	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Steel Cable Tray	115.10	20.86
26 05 36 00-2454		Horizontal Dividers *(26 05 36 00-2410)*		
26 05 36 00-2455	EA	3" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	43.05	11.96
26 05 36 00-2456	EA	4" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	47.81	13.19
26 05 36 00-2457	EA	6" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	57.40	14.67
26 05 36 00-2458		Aluminum Dividers *(26 05 36 00-2121)*		
26 05 36 00-2459		Straight Dividers *(26 05 36 00-2458)*		
26 05 36 00-2460	LF	3" Deep Aluminum Divider Strip, Straight	6.12	1.89
26 05 36 00-2461	LF	4" Deep Aluminum Divider Strip, Straight	7.16	2.06
26 05 36 00-2462	LF	6" Deep Aluminum Divider Strip, Straight	8.71	2.31
26 05 36 00-2463		3" Deep Vertical Dividers *(26 05 36 00-2458)*		
26 05 36 00-2464	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	35.18	13.69
26 05 36 00-2465	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	38.23	14.18
26 05 36 00-2466	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	41.55	14.67
26 05 36 00-2467	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	47.11	15.25
26 05 36 00-2468	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	46.02	15.25
26 05 36 00-2469	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	50.26	15.83
26 05 36 00-2470	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	57.30	16.49
26 05 36 00-2471	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	69.39	17.23
26 05 36 00-2472	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	60.16	17.23
26 05 36 00-2473	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	70.71	17.97
26 05 36 00-2474	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	84.05	18.88
26 05 36 00-2475	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	101.89	19.78

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2476		**4" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2477	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	41.11	14.18
26 05 36 00-2478	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	44.75	14.67
26 05 36 00-2479	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	48.73	15.25
26 05 36 00-2480	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	54.05	15.83
26 05 36 00-2481	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	53.51	15.83
26 05 36 00-2482	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	61.09	16.49
26 05 36 00-2483	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	68.30	17.23
26 05 36 00-2484	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	84.27	17.97
26 05 36 00-2485	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	69.78	16.49
26 05 36 00-2486	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	82.95	17.23
26 05 36 00-2487	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	96.21	17.97
26 05 36 00-2488	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	114.98	18.88
26 05 36 00-2489		**6" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2490	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	45.59	15.83
26 05 36 00-2491	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	50.24	16.49
26 05 36 00-2492	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	52.57	17.23
26 05 36 00-2493	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	58.23	17.97
26 05 36 00-2494	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	55.67	16.49
26 05 36 00-2495	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	67.22	17.23
26 05 36 00-2496	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	72.34	17.97
26 05 36 00-2497	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	88.93	18.88
26 05 36 00-2498	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	71.56	17.23
26 05 36 00-2499	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	87.53	17.97
26 05 36 00-2500	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	99.24	18.88
26 05 36 00-2501	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	114.37	19.78
26 05 36 00-2502		**Horizontal Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2503	EA	3" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	38.63	11.30
26 05 36 00-2504	EA	4" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	42.32	12.37
26 05 36 00-2505	EA	6" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	51.51	13.69
26 05 36 00-2506		**Wall Brackets** *(26 05 36 00-0001)*		
26 05 36 00-2507		**Wall Brackets** *(26 05 36 00-2506)*		
26 05 36 00-2508	EA	6" Wide Tray Wall Bracket	44.50	16.49
26 05 36 00-2509	EA	9" Wide Tray Wall Bracket	46.22	17.23
26 05 36 00-2510	EA	12" Wide Tray Wall Bracket	49.98	17.97
26 05 36 00-2511	EA	18" Wide Tray Wall Bracket	52.84	18.88
26 05 36 00-2512	EA	24" Wide Tray Wall Bracket	56.84	19.78
26 05 36 00-2513	EA	30" Wide Tray Wall Bracket	65.39	20.86
26 05 36 00-2514	EA	36" Wide Tray Wall Bracket	76.05	22.26
26 05 36 00-2515		**Fiberglass Cable Tray** *(26 05 36 00-0001)*		
26 05 36 00-2516		**Ladder Bottom Fiberglass Cable Tray** *(26 05 36 00-2515)*		
		Note: Excludes hangers and support system.		
26 05 36 00-2517		**Straight Tray Sections** *(26 05 36 00-2516)*		
26 05 36 00-2518	LF	6" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	7.33	2.22
		For 9" Rung Spacing, Add	*0.14*	
		For 6" Rung Spacing, Add	*0.60*	
		For 4" Rung Spacing, Add	*1.11*	
		For 18" Rung Spacing, Deduct	*-0.10*	
		For Solid Bottom, Add	*1.70*	
		For Vented Trough Bottom, Add	*2.02*	
26 05 36 00-2519	LF	9" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	8.28	2.72
		For 9" Rung Spacing, Add	*0.15*	
		For 6" Rung Spacing, Add	*0.62*	
		For 4" Rung Spacing, Add	*1.14*	
		For 18" Rung Spacing, Deduct	*-0.10*	
		For Solid Bottom, Add	*1.87*	
		For Vented Trough Bottom, Add	*2.18*	
26 05 36 00-2520	LF	12" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	9.23	3.30
		For 9" Rung Spacing, Add	*0.15*	
		For 6" Rung Spacing, Add	*0.64*	
		For 4" Rung Spacing, Add	*1.18*	
		For 18" Rung Spacing, Deduct	*-0.11*	
		For Solid Bottom, Add	*2.03*	
		For Vented Trough Bottom, Add	*2.33*	
26 05 36 00-2521	LF	18" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	11.19	4.37
		For 9" Rung Spacing, Add	*0.16*	
		For 6" Rung Spacing, Add	*0.69*	
		For 4" Rung Spacing, Add	*1.27*	
		For 18" Rung Spacing, Deduct	*-0.12*	
		For Solid Bottom, Add	*2.37*	
		For Vented Trough Bottom, Add	*2.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2522	LF	24" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	13.16	5.52
		For 9" Rung Spacing, Add	*0.17*	
		For 6" Rung Spacing, Add	*0.74*	
		For 4" Rung Spacing, Add	*1.35*	
		For 18" Rung Spacing, Deduct	*-0.12*	
		For Solid Bottom, Add	*2.71*	
		For Vented Trough Bottom, Add	*3.00*	
26 05 36 00-2523	LF	30" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	14.39	6.01
		For 9" Rung Spacing, Add	*0.19*	
		For 6" Rung Spacing, Add	*0.80*	
		For 4" Rung Spacing, Add	*1.46*	
		For 18" Rung Spacing, Deduct	*-0.13*	
		For Solid Bottom, Add	*2.96*	
		For Vented Trough Bottom, Add	*3.26*	
26 05 36 00-2524	LF	36" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	15.65	6.59
		For 9" Rung Spacing, Add	*0.20*	
		For 6" Rung Spacing, Add	*0.86*	
		For 4" Rung Spacing, Add	*1.58*	
		For 18" Rung Spacing, Deduct	*-0.14*	
		For Solid Bottom, Add	*3.21*	
		For Vented Trough Bottom, Add	*3.54*	

26 05 36 00-2525 90 Degree Horizontal Elbows *(26 05 36 00-2516)*

26 05 36 00-2526	EA	6" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	41.04	16.49
		For 9" Rung Spacing, Add	*0.57*	
		For 6" Rung Spacing, Add	*2.45*	
		For 4" Rung Spacing, Add	*4.48*	
		For 18" Rung Spacing, Deduct	*-0.41*	
		For Solid Bottom, Add	*8.60*	
		For Vented Trough Bottom, Add	*9.61*	
		For 60 Degree Bend, Deduct	*-7.85*	
		For 45 Degree Bend, Deduct	*-10.88*	
		For 30 Degree Bend, Deduct	*-13.91*	
26 05 36 00-2527	EA	9" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	46.08	19.21
		For 9" Rung Spacing, Add	*0.60*	
		For 6" Rung Spacing, Add	*2.58*	
		For 4" Rung Spacing, Add	*4.74*	
		For 18" Rung Spacing, Deduct	*-0.43*	
		For Solid Bottom, Add	*9.50*	
		For Vented Trough Bottom, Add	*10.50*	
		For 60 Degree Bend, Deduct	*-8.57*	
		For 45 Degree Bend, Deduct	*-11.91*	
		For 30 Degree Bend, Deduct	*-15.25*	
26 05 36 00-2528	EA	12" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	54.43	24.15
		For 9" Rung Spacing, Add	*0.64*	
		For 6" Rung Spacing, Add	*2.72*	
		For 4" Rung Spacing, Add	*4.99*	
		For 18" Rung Spacing, Deduct	*-0.45*	
		For Solid Bottom, Add	*10.89*	
		For Vented Trough Bottom, Add	*11.80*	
		For 60 Degree Bend, Deduct	*-9.62*	
		For 45 Degree Bend, Deduct	*-13.43*	
		For 30 Degree Bend, Deduct	*-17.24*	
26 05 36 00-2529	EA	18" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	64.56	29.19
		For 9" Rung Spacing, Add	*0.73*	
		For 6" Rung Spacing, Add	*3.13*	
		For 4" Rung Spacing, Add	*5.74*	
		For 18" Rung Spacing, Deduct	*-0.52*	
		For Solid Bottom, Add	*12.81*	
		For Vented Trough Bottom, Add	*13.81*	
		For 60 Degree Bend, Deduct	*-11.25*	
		For 45 Degree Bend, Deduct	*-15.73*	
		For 30 Degree Bend, Deduct	*-20.21*	
26 05 36 00-2530	EA	24" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	73.23	33.56
		For 9" Rung Spacing, Add	*0.80*	
		For 6" Rung Spacing, Add	*3.44*	
		For 4" Rung Spacing, Add	*6.31*	
		For 18" Rung Spacing, Deduct	*-0.57*	
		For Solid Bottom, Add	*14.43*	
		For Vented Trough Bottom, Add	*15.46*	
		For 60 Degree Bend, Deduct	*-12.60*	
		For 45 Degree Bend, Deduct	*-17.64*	
		For 30 Degree Bend, Deduct	*-22.68*	
26 05 36 00-2531	EA	30" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	79.95	35.78
		For 9" Rung Spacing, Add	*0.92*	
		For 6" Rung Spacing, Add	*3.95*	
		For 4" Rung Spacing, Add	*7.25*	
		For 18" Rung Spacing, Deduct	*-0.66*	
		For Solid Bottom, Add	*15.95*	
		For Vented Trough Bottom, Add	*17.24*	
		For 60 Degree Bend, Deduct	*-14.06*	
		For 45 Degree Bend, Deduct	*-19.64*	
		For 30 Degree Bend, Deduct	*-25.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2532	EA	36" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	87.99	38.51
		For 9" Rung Spacing, Add	*1.06*	
		For 6" Rung Spacing, Add	*4.54*	
		For 4" Rung Spacing, Add	*8.33*	
		For 18" Rung Spacing, Deduct	*-0.76*	
		For Solid Bottom, Add	*17.74*	
		For Vented Trough Bottom, Add	*19.33*	
		For 60 Degree Bend, Deduct	*-15.76*	
		For 45 Degree Bend, Deduct	*-21.98*	
		For 30 Degree Bend, Deduct	*-28.20*	

26 05 36 00-2533 Inside Or Outside Vertical Risers *(26 05 36 00-2516)*

26 05 36 00-2534	EA	6" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	58.06	16.49
		For 9" Rung Spacing, Add	*1.17*	
		For 6" Rung Spacing, Add	*5.00*	
		For 4" Rung Spacing, Add	*9.16*	
		For 18" Rung Spacing, Deduct	*-0.83*	
		For Solid Bottom, Add	*13.71*	
		For Vented Trough Bottom, Add	*16.42*	
		For 60 Degree Bend, Deduct	*-13.47*	
		For 45 Degree Bend, Deduct	*-18.37*	
		For 30 Degree Bend, Deduct	*-23.27*	
26 05 36 00-2535	EA	9" Vertical Inside Or Outside Riser 90, Fiberglass	62.64	19.21
		For 9" Rung Spacing, Add	*1.18*	
		For 6" Rung Spacing, Add	*5.07*	
		For 4" Rung Spacing, Add	*9.29*	
		For 18" Rung Spacing, Deduct	*-0.84*	
		For Solid Bottom, Add	*14.46*	
		For Vented Trough Bottom, Add	*17.12*	
		For 60 Degree Bend, Deduct	*-14.04*	
		For 45 Degree Bend, Deduct	*-19.20*	
		For 30 Degree Bend, Deduct	*-24.35*	
26 05 36 00-2536	EA	12" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	70.53	24.15
		For 9" Rung Spacing, Add	*1.20*	
		For 6" Rung Spacing, Add	*5.14*	
		For 4" Rung Spacing, Add	*9.42*	
		For 18" Rung Spacing, Deduct	*-0.86*	
		For Solid Bottom, Add	*15.72*	
		For Vented Trough Bottom, Add	*18.24*	
		For 60 Degree Bend, Deduct	*-14.93*	
		For 45 Degree Bend, Deduct	*-20.51*	
		For 30 Degree Bend, Deduct	*-26.09*	
26 05 36 00-2537	EA	18" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	78.99	29.19
		For 9" Rung Spacing, Add	*1.24*	
		For 6" Rung Spacing, Add	*5.29*	
		For 4" Rung Spacing, Add	*9.70*	
		For 18" Rung Spacing, Deduct	*-0.88*	
		For Solid Bottom, Add	*17.14*	
		For Vented Trough Bottom, Add	*19.58*	
		For 60 Degree Bend, Deduct	*-16.02*	
		For 45 Degree Bend, Deduct	*-22.08*	
		For 30 Degree Bend, Deduct	*-28.15*	
26 05 36 00-2538	EA	24" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	86.51	33.56
		For 9" Rung Spacing, Add	*1.27*	
		For 6" Rung Spacing, Add	*5.43*	
		For 4" Rung Spacing, Add	*9.96*	
		For 18" Rung Spacing, Deduct	*-0.91*	
		For Solid Bottom, Add	*18.41*	
		For Vented Trough Bottom, Add	*20.77*	
		For 60 Degree Bend, Deduct	*-16.98*	
		For 45 Degree Bend, Deduct	*-23.48*	
		For 30 Degree Bend, Deduct	*-29.98*	
26 05 36 00-2539	EA	30" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	90.75	35.78
		For 9" Rung Spacing, Add	*1.30*	
		For 6" Rung Spacing, Add	*5.57*	
		For 4" Rung Spacing, Add	*10.22*	
		For 18" Rung Spacing, Deduct	*-0.93*	
		For Solid Bottom, Add	*19.19*	
		For Vented Trough Bottom, Add	*21.56*	
		For 60 Degree Bend, Deduct	*-17.62*	
		For 45 Degree Bend, Deduct	*-24.39*	
		For 30 Degree Bend, Deduct	*-31.16*	
26 05 36 00-2540	EA	36" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	98.76	38.51
		For 9" Rung Spacing, Add	*1.44*	
		For 6" Rung Spacing, Add	*6.16*	
		For 4" Rung Spacing, Add	*11.29*	
		For 18" Rung Spacing, Deduct	*-1.03*	
		For Solid Bottom, Add	*20.97*	
		For Vented Trough Bottom, Add	*23.63*	
		For 60 Degree Bend, Deduct	*-19.32*	
		For 45 Degree Bend, Deduct	*-26.72*	
		For 30 Degree Bend, Deduct	*-34.12*	

26 05 36 00-2541 Horizontal Tees *(26 05 36 00-2516)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2542		EA	6" Horizontal Tee, Fiberglass Cable Tray	90.59	41.22
			For 9" Rung Spacing, Add	*1.01*	
			For 6" Rung Spacing, Add	*4.31*	
			For 4" Rung Spacing, Add	*7.91*	
			For 18" Rung Spacing, Deduct	*-0.72*	
			For Solid Bottom, Add	*17.90*	
			For Vented Trough Bottom, Add	*19.23*	
26 05 36 00-2543		EA	9" Horizontal Tee, Fiberglass Cable Tray	102.44	48.40
			For 9" Rung Spacing, Add	*1.05*	
			For 6" Rung Spacing, Add	*4.48*	
			For 4" Rung Spacing, Add	*8.22*	
			For 18" Rung Spacing, Deduct	*-0.75*	
			For Solid Bottom, Add	*19.85*	
			For Vented Trough Bottom, Add	*21.02*	
26 05 36 00-2544		EA	12" Horizontal Tee, Fiberglass Cable Tray	117.59	57.71
			For 9" Rung Spacing, Add	*1.09*	
			For 6" Rung Spacing, Add	*4.65*	
			For 4" Rung Spacing, Add	*8.53*	
			For 18" Rung Spacing, Deduct	*-0.78*	
			For Solid Bottom, Add	*22.29*	
			For Vented Trough Bottom, Add	*23.23*	
26 05 36 00-2545		EA	18" Horizontal Tee, Fiberglass Cable Tray	131.43	64.89
			For 9" Rung Spacing, Add	*1.20*	
			For 6" Rung Spacing, Add	*5.12*	
			For 4" Rung Spacing, Add	*9.39*	
			For 18" Rung Spacing, Deduct	*-0.85*	
			For Solid Bottom, Add	*24.84*	
			For Vented Trough Bottom, Add	*25.82*	
26 05 36 00-2546		EA	24" Horizontal Tee, Fiberglass Cable Tray	138.05	67.60
			For 9" Rung Spacing, Add	*1.28*	
			For 6" Rung Spacing, Add	*5.50*	
			For 4" Rung Spacing, Add	*10.08*	
			For 18" Rung Spacing, Deduct	*-0.92*	
			For Solid Bottom, Add	*26.20*	
			For Vented Trough Bottom, Add	*27.33*	
26 05 36 00-2547		EA	30" Horizontal Tee, Fiberglass Cable Tray	147.66	71.48
			For 9" Rung Spacing, Add	*1.42*	
			For 6" Rung Spacing, Add	*6.07*	
			For 4" Rung Spacing, Add	*11.13*	
			For 18" Rung Spacing, Deduct	*-1.01*	
			For Solid Bottom, Add	*28.22*	
			For Vented Trough Bottom, Add	*29.59*	
26 05 36 00-2548		EA	36" Horizontal Tee, Fiberglass Cable Tray	160.14	77.00
			For 9" Rung Spacing, Add	*1.57*	
			For 6" Rung Spacing, Add	*6.71*	
			For 4" Rung Spacing, Add	*12.30*	
			For 18" Rung Spacing, Deduct	*-1.12*	
			For Solid Bottom, Add	*30.73*	
			For Vented Trough Bottom, Add	*32.32*	

26 05 36 00-2549 Horizontal Crosses *(26 05 36 00-2516)*

26 05 36 00-2550		EA	6" Horizontal Cross, Fiberglass Cable Tray	144.03	71.48
			For 9" Rung Spacing, Add	*1.29*	
			For 6" Rung Spacing, Add	*5.53*	
			For 4" Rung Spacing, Add	*10.13*	
			For 18" Rung Spacing, Deduct	*-0.92*	
			For Solid Bottom, Add	*27.13*	
			For Vented Trough Bottom, Add	*28.14*	
26 05 36 00-2551		EA	9" Horizontal Cross, Fiberglass Cable Tray	153.36	77.00
			For 9" Rung Spacing, Add	*1.33*	
			For 6" Rung Spacing, Add	*5.69*	
			For 4" Rung Spacing, Add	*10.43*	
			For 18" Rung Spacing, Deduct	*-0.95*	
			For Solid Bottom, Add	*28.70*	
			For Vented Trough Bottom, Add	*29.60*	
26 05 36 00-2552		EA	12" Horizontal Cross, Fiberglass Cable Tray	162.70	82.53
			For 9" Rung Spacing, Add	*1.37*	
			For 6" Rung Spacing, Add	*5.85*	
			For 4" Rung Spacing, Add	*10.73*	
			For 18" Rung Spacing, Deduct	*-0.98*	
			For Solid Bottom, Add	*30.26*	
			For Vented Trough Bottom, Add	*31.07*	
26 05 36 00-2553		EA	18" Horizontal Cross, Fiberglass Cable Tray	174.06	87.97
			For 9" Rung Spacing, Add	*1.47*	
			For 6" Rung Spacing, Add	*6.32*	
			For 4" Rung Spacing, Add	*11.59*	
			For 18" Rung Spacing, Deduct	*-1.05*	
			For Solid Bottom, Add	*32.43*	
			For Vented Trough Bottom, Add	*33.35*	
26 05 36 00-2554		EA	24" Horizontal Cross, Fiberglass Cable Tray	184.69	93.49
			For 9" Rung Spacing, Add	*1.56*	
			For 6" Rung Spacing, Add	*6.68*	
			For 4" Rung Spacing, Add	*12.25*	
			For 18" Rung Spacing, Deduct	*-1.11*	
			For Solid Bottom, Add	*34.38*	
			For Vented Trough Bottom, Add	*35.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2555	EA	30" Horizontal Cross, Fiberglass Cable Tray	196.87	99.01
		For 9" Rung Spacing, Add	*1.70*	
		For 6" Rung Spacing, Add	*7.27*	
		For 4" Rung Spacing, Add	*13.33*	
		For 18" Rung Spacing, Deduct	*-1.21*	
		For Solid Bottom, Add	*36.80*	
		For Vented Trough Bottom, Add	*37.94*	
26 05 36 00-2556	EA	36" Horizontal Cross, Fiberglass Cable Tray	212.68	106.11
		For 9" Rung Spacing, Add	*1.87*	
		For 6" Rung Spacing, Add	*8.03*	
		For 4" Rung Spacing, Add	*14.73*	
		For 18" Rung Spacing, Deduct	*-1.34*	
		For Solid Bottom, Add	*39.93*	
		For Vented Trough Bottom, Add	*41.31*	

26 05 36 00-2557 Horizontal Wyes *(26 05 36 00-2516)*

26 05 36 00-2558	EA	6" Horizontal Wye, Fiberglass Cable Tray	87.68	41.22
		For 9" Rung Spacing, Add	*0.90*	
		For 6" Rung Spacing, Add	*3.88*	
		For 4" Rung Spacing, Add	*7.11*	
		For 18" Rung Spacing, Deduct	*-0.65*	
		For Solid Bottom, Add	*17.03*	
		For Vented Trough Bottom, Add	*18.07*	
26 05 36 00-2559	EA	9" Horizontal Wye, Fiberglass Cable Tray	92.85	44.03
		For 9" Rung Spacing, Add	*0.94*	
		For 6" Rung Spacing, Add	*4.03*	
		For 4" Rung Spacing, Add	*7.39*	
		For 18" Rung Spacing, Deduct	*-0.67*	
		For Solid Bottom, Add	*17.96*	
		For Vented Trough Bottom, Add	*19.00*	
26 05 36 00-2560	EA	12" Horizontal Wye, Fiberglass Cable Tray	114.48	57.71
		For 9" Rung Spacing, Add	*0.98*	
		For 6" Rung Spacing, Add	*4.19*	
		For 4" Rung Spacing, Add	*7.68*	
		For 18" Rung Spacing, Deduct	*-0.70*	
		For Solid Bottom, Add	*21.36*	
		For Vented Trough Bottom, Add	*21.99*	
26 05 36 00-2561	EA	18" Horizontal Wye, Fiberglass Cable Tray	128.01	64.89
		For 9" Rung Spacing, Add	*1.08*	
		For 6" Rung Spacing, Add	*4.61*	
		For 4" Rung Spacing, Add	*8.45*	
		For 18" Rung Spacing, Deduct	*-0.77*	
		For Solid Bottom, Add	*23.81*	
		For Vented Trough Bottom, Add	*24.45*	
26 05 36 00-2562	EA	24" Horizontal Wye, Fiberglass Cable Tray	134.31	67.60
		For 9" Rung Spacing, Add	*1.15*	
		For 6" Rung Spacing, Add	*4.94*	
		For 4" Rung Spacing, Add	*9.05*	
		For 18" Rung Spacing, Deduct	*-0.82*	
		For Solid Bottom, Add	*25.08*	
		For Vented Trough Bottom, Add	*25.84*	
26 05 36 00-2563	EA	30" Horizontal Wye, Fiberglass Cable Tray	143.61	71.48
		For 9" Rung Spacing, Add	*1.28*	
		For 6" Rung Spacing, Add	*5.46*	
		For 4" Rung Spacing, Add	*10.02*	
		For 18" Rung Spacing, Deduct	*-0.91*	
		For Solid Bottom, Add	*27.01*	
		For Vented Trough Bottom, Add	*27.97*	
26 05 36 00-2564	EA	36" Horizontal Wye, Fiberglass Cable Tray	155.67	77.00
		For 9" Rung Spacing, Add	*1.41*	
		For 6" Rung Spacing, Add	*6.04*	
		For 4" Rung Spacing, Add	*11.07*	
		For 18" Rung Spacing, Deduct	*-1.01*	
		For Solid Bottom, Add	*29.39*	
		For Vented Trough Bottom, Add	*30.53*	

26 05 36 00-2565 Straight Reducers *(26 05 36 00-2516)*

26 05 36 00-2566	EA	9"-6" Reducer, Fiberglass Cable Tray	39.38	16.49
		For 9" Rung Spacing, Add	*0.51*	
		For 6" Rung Spacing, Add	*2.20*	
		For 4" Rung Spacing, Add	*4.03*	
		For 18" Rung Spacing, Deduct	*-0.37*	
		For Solid Bottom, Add	*8.10*	
		For Vented Trough Bottom, Add	*8.95*	
26 05 36 00-2567	EA	12"-9" Reducer, Fiberglass Cable Tray.	43.70	19.21
		For 9" Rung Spacing, Add	*0.52*	
		For 6" Rung Spacing, Add	*2.23*	
		For 4" Rung Spacing, Add	*4.08*	
		For 18" Rung Spacing, Deduct	*-0.37*	
		For Solid Bottom, Add	*8.78*	
		For Vented Trough Bottom, Add	*9.55*	
26 05 36 00-2568	EA	18"-12" Reducer, Fiberglass Cable Tray.	48.02	22.01
		For 9" Rung Spacing, Add	*0.53*	
		For 6" Rung Spacing, Add	*2.26*	
		For 4" Rung Spacing, Add	*4.14*	
		For 18" Rung Spacing, Deduct	*-0.38*	
		For Solid Bottom, Add	*9.46*	
		For Vented Trough Bottom, Add	*10.14*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2569	EA	24"-18" Reducer, Fiberglass Cable Tray	51.84	24.15
		For 9" Rung Spacing, Add	*0.54*	
		For 6" Rung Spacing, Add	*2.34*	
		For 4" Rung Spacing, Add	*4.28*	
		For 18" Rung Spacing, Deduct	*-0.39*	
		For Solid Bottom, Add	*10.11*	
		For Vented Trough Bottom, Add	*10.76*	
26 05 36 00-2570	EA	30"-24" Reducer, Fiberglass Cable Tray	57.73	26.38
		For 9" Rung Spacing, Add	*0.64*	
		For 6" Rung Spacing, Add	*2.72*	
		For 4" Rung Spacing, Add	*4.99*	
		For 18" Rung Spacing, Deduct	*-0.45*	
		For Solid Bottom, Add	*11.38*	
		For Vented Trough Bottom, Add	*12.21*	
26 05 36 00-2571	EA	36"-30" Reducer, Fiberglass Cable Tray	64.80	29.19
		For 9" Rung Spacing, Add	*0.74*	
		For 6" Rung Spacing, Add	*3.17*	
		For 4" Rung Spacing, Add	*5.80*	
		For 18" Rung Spacing, Deduct	*-0.53*	
		For Solid Bottom, Add	*12.89*	
		For Vented Trough Bottom, Add	*13.90*	

26 05 36 00-2572 Vertical Tees *(26 05 36 00-2516)*

26 05 36 00-2573	EA	6" Vertical Tee, Fiberglass Cable Tray	116.74	41.22
		For 9" Rung Spacing, Add	*1.92*	
		For 6" Rung Spacing, Add	*8.24*	
		For 4" Rung Spacing, Add	*15.10*	
		For 18" Rung Spacing, Deduct	*-1.37*	
		For Solid Bottom, Add	*25.75*	
		For Vented Trough Bottom, Add	*29.69*	
26 05 36 00-2574	EA	9" Vertical Tee, Fiberglass Cable Tray	121.54	44.03
		For 9" Rung Spacing, Add	*1.95*	
		For 6" Rung Spacing, Add	*8.34*	
		For 4" Rung Spacing, Add	*15.29*	
		For 18" Rung Spacing, Deduct	*-1.39*	
		For Solid Bottom, Add	*26.57*	
		For Vented Trough Bottom, Add	*30.48*	
26 05 36 00-2575	EA	12" Vertical Tee, Fiberglass Cable Tray	142.82	57.71
		For 9" Rung Spacing, Add	*1.97*	
		For 6" Rung Spacing, Add	*8.44*	
		For 4" Rung Spacing, Add	*15.47*	
		For 18" Rung Spacing, Deduct	*-1.41*	
		For Solid Bottom, Add	*29.86*	
		For Vented Trough Bottom, Add	*33.32*	
26 05 36 00-2576	EA	18" Vertical Tee, Fiberglass Cable Tray	155.10	64.89
		For 9" Rung Spacing, Add	*2.02*	
		For 6" Rung Spacing, Add	*8.67*	
		For 4" Rung Spacing, Add	*15.90*	
		For 18" Rung Spacing, Deduct	*-1.45*	
		For Solid Bottom, Add	*31.94*	
		For Vented Trough Bottom, Add	*35.29*	
26 05 36 00-2577	EA	24" Vertical Tee, Fiberglass Cable Tray	160.68	67.60
		For 9" Rung Spacing, Add	*2.07*	
		For 6" Rung Spacing, Add	*8.89*	
		For 4" Rung Spacing, Add	*16.30*	
		For 18" Rung Spacing, Deduct	*-1.48*	
		For Solid Bottom, Add	*32.99*	
		For Vented Trough Bottom, Add	*36.38*	
26 05 36 00-2578	EA	30" Vertical Tee, Fiberglass Cable Tray	167.80	71.48
		For 9" Rung Spacing, Add	*2.12*	
		For 6" Rung Spacing, Add	*9.09*	
		For 4" Rung Spacing, Add	*16.67*	
		For 18" Rung Spacing, Deduct	*-1.52*	
		For Solid Bottom, Add	*34.26*	
		For Vented Trough Bottom, Add	*37.65*	
26 05 36 00-2579	EA	36" Vertical Tee, Fiberglass Cable Tray	182.39	77.00
		For 9" Rung Spacing, Add	*2.34*	
		For 6" Rung Spacing, Add	*10.05*	
		For 4" Rung Spacing, Add	*18.42*	
		For 18" Rung Spacing, Deduct	*-1.67*	
		For Solid Bottom, Add	*37.40*	
		For Vented Trough Bottom, Add	*41.22*	

26 05 39 Underfloor Raceways for Electrical Systems *(26 05)*

26 05 39 00-0001 Underfloor Ducts *(26 05 39)*

26 05 39 00-0002 Straight Duct Sections 10' Long, 14 Gauge Steel *(26 05 39 00-0001)*

26 05 39 00-0003 Standard Ducts, 3.8 Square Inches *(26 05 39 00-0002)*

26 05 39 00-0004	EA	Standard Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 3.8 Square Inches	68.65	14.51
26 05 39 00-0005	EA	Standard Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 3.8 Square Inches	86.27	16.99

26 05 39 00-0006 Large Capacity Ducts, 8.9 Square Inches *(26 05 39 00-0002)*

26 05 39 00-0007	EA	Large Capacity Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 8.9 Square Inches	113.69	18.38
26 05 39 00-0008	EA	Large Capacity Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 8.9 Square Inches	130.13	20.37

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 39 00-0009		Junction Boxes *(26 05 39 00-0001)*		
26 05 39 00-0010		One Level Junction Boxes *(26 05 39 00-0009)*		
26 05 39 00-0011	EA	1 Level UF Duct Junction Box, 1 Standard Duct Without Partitions In Box	173.41	28.85
26 05 39 00-0012	EA	1 Level UF Duct Junction Box, 1 Large Duct Without Partitions In Box	196.09	30.92
26 05 39 00-0013	EA	1 Level UF Duct Junction Box, 1 Standard And Large Duct Per Side With Partitions In Box Note: Isolate each duct and form a continuous raceway through the box in both directions.	312.93	28.85
26 05 39 00-0014	EA	1 Level UF Duct Junction Box, 2 Standard Ducts Per Side With Partitions In Box	214.29	30.92
26 05 39 00-0015	EA	1 Level UF Duct Junction Box, 3 Standard Ducts Per Side With Partitions In Box	339.12	40.64
26 05 39 00-0016	EA	1 Level UF Duct Junction Box, 2 Large Ducts Per Side With Partitions In Box Duct	474.27	44.19
26 05 39 00-0017		Two Level Junction Boxes *(26 05 39 00-0009)*		
26 05 39 00-0018	EA	2 Level UF Duct Junction Box, 2 Standard Duct Cross, Intersects At Right Angles, Raceway Bottom Level Note: Accepts two standard ducts to form a continuous raceway at right angles to the top level raceway.	717.99	29.19
26 05 39 00-0019	EA	2 Level UF Duct Junction Box, 2 Large Duct Bottom Level: Accepts Two Large Capacity Ducts	825.79	30.92
26 05 39 00-0020		Elbow Fittings *(26 05 39 00-0001)*		
26 05 39 00-0021		90 Degree Horizontal Elbow *(26 05 39 00-0020)*		
26 05 39 00-0022	EA	Underfloor Standard Duct Horizontal Elbow Fitting, 90 Degree	84.27	10.63
26 05 39 00-0023	EA	Underfloor Large Duct Horizontal Elbow Fitting, 90 Degree	86.77	10.63
26 05 39 00-0024		90 Degree Vertical Elbow *(26 05 39 00-0020)*		
26 05 39 00-0025	EA	Underfloor Standard Duct Vertical Elbow Fitting, 90 Degree	47.88	10.63
26 05 39 00-0026	EA	Underfloor Large Duct Vertical Elbow Fitting, 90 Degree	48.87	10.63
26 05 39 00-0027		Offset Elbow *(26 05 39 00-0020)* Note: Two elbows required for crossover or crossunder.		
26 05 39 00-0028	EA	Underfloor Standard Duct Offset Elbow 45 Degree, 2 Required For Over-Under	47.88	12.37
26 05 39 00-0029	EA	Underfloor Large Duct Offset Elbow 45 Degree, 2 Required For Over-Under	48.87	12.37
26 05 39 00-0030		Couplings *(26 05 39 00-0001)*		
26 05 39 00-0031		Sleeve Couplings *(26 05 39 00-0030)*		
26 05 39 00-0032	EA	Underfloor Standard Duct Sleeve Coupling	31.52	16.49
26 05 39 00-0033	EA	Underfloor Large Duct Sleeve Coupling	49.26	16.49
26 05 39 00-0034		Expansion Couplings *(26 05 39 00-0030)*		
26 05 39 00-0035	EA	Underfloor Standard Duct Expansion Coupling	68.93	16.49
26 05 39 00-0036	EA	Underfloor Large Duct Expansion Coupling	70.18	17.40
26 05 39 00-0037		Reducing Couplings *(26 05 39 00-0030)*		
26 05 39 00-0038	EA	Reducing Coupling, Large To Standard Duct Underfloor Duct Coupling	64.52	2.48
26 05 39 00-0039		Duct Supports *(26 05 39 00-0001)*		
26 05 39 00-0040		Combination Support And Coupling *(26 05 39 00-0039)* Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0041	EA	1 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	72.40	34.63
26 05 39 00-0042	EA	2 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	80.83	34.63
26 05 39 00-0043	EA	3 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	89.32	34.63
26 05 39 00-0044	EA	1 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	80.83	38.75
26 05 39 00-0045	EA	2 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	98.01	38.75
26 05 39 00-0046	EA	1 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	89.32	41.22
26 05 39 00-0047	EA	2 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	89.32	41.22
26 05 39 00-0048	EA	1 Standard And 2 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	98.01	41.22
26 05 39 00-0049		Duct Support Only *(26 05 39 00-0039)* Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0050	EA	1 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	65.07	30.51
26 05 39 00-0051	EA	2 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	76.51	30.51
26 05 39 00-0052	EA	3 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	88.75	30.51
26 05 39 00-0053		Underfloor Duct Accessories *(26 05 39 00-0001)*		
26 05 39 00-0054		Plugs For Unused Junction Box Openings And Duct Ends *(26 05 39 00-0053)*		
26 05 39 00-0055	EA	Standard Plugs For Unused Junction Box Opening And Underfloor Duct Ends	6.29	2.48
26 05 39 00-0056	EA	Large Plugs For Unused Junction Box Opening And Underfloor Duct Ends	6.72	2.48
26 05 39 00-0057		Conduit Adapters *(26 05 39 00-0053)*		
26 05 39 00-0058	EA	One 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	25.08	4.12
26 05 39 00-0059	EA	Two 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	26.67	4.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 39 00-0060	EA	One 2" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	25.92	4.12
26 05 39 00-0061	EA	Three 1-1/4" Conduit To Large Duct Underfloor Conduit To Duct, Adapter	26.79	4.12
26 05 39 00-0062		**Holders And Caps** *(26 05 39 00-0053)*		
26 05 39 00-0063	EA	Tile Holder, Underfloor Duct Accessories	163.96	34.63
26 05 39 00-0064	EA	Terrazzo Holder, Underfloor Duct Accessories	308.16	34.63
26 05 39 00-0065	EA	Closing Caps For Inserts, Underfloor Duct Accessories	2.15	0.82
26 05 39 00-0066		**Underfloor Dust Pans** *(26 05 39 00-0001)*		
26 05 39 00-0067	EA	Underfloor Dust Carpet Pan	69.58	4.52

26 05 43 Underground Ducts And Raceways For Electrical Systems *(26 05)*

Note: Underground utilities and conduits include warning tape.

26 05 43 00-0001 Precast Concrete Trenches, One Piece Pedestrian Trench *(26 05 43)*

Note: Rated for 200 psf Pedestrian Weight. Excludes excavation, removal of dirt and sand bedding.

26 05 43 00-0002 10" Wide Pedestrian Trench *(26 05 43 00-0001)*

26 05 43 00-0003	LF	Base, Solid Bottom 10" Wide x 15" Deep Pedestrian Trench	45.44
26 05 43 00-0004	LF	Base, Open Bottom 10" Wide x 15" Deep Pedestrian Trench	43.75
26 05 43 00-0005	LF	Base, Solid Bottom 10" Wide x 24" Deep Pedestrian Trench	63.10
26 05 43 00-0006	LF	Base, Open Bottom 10" Wide x 24" Deep Pedestrian Trench	60.75
26 05 43 00-0007	EA	End Wall, 10" Wide x 15" Deep Pedestrian Trench	32.90
26 05 43 00-0008	EA	End Wall, 10" Wide x 24" Deep Pedestrian Trench	40.33
26 05 43 00-0009	LF	Lid, Concrete, 10" Wide Pedestrian Trench	30.29

26 05 43 00-0010 20" Wide Pedestrian Trench *(26 05 43 00-0001)*

26 05 43 00-0011	LF	Base, Solid Bottom 20" Wide x 15" Deep Pedestrian Trench	58.40
26 05 43 00-0012	LF	Base, Open Bottom 20" Wide x 15" Deep Pedestrian Trench	55.40
26 05 43 00-0013	LF	Base, Solid Bottom 20" Wide x 24" Deep Pedestrian Trench	79.91
26 05 43 00-0014	LF	Base, Open Bottom 20" Wide x 24" Deep Pedestrian Trench	77.18
26 05 43 00-0015	EA	End Wall, 20" Wide x 15" Deep Pedestrian Trench	42.06
26 05 43 00-0016	EA	End Wall, 20" Wide x 24" Deep Pedestrian Trench	61.13
26 05 43 00-0017	LF	Lid, Concrete, 20" Wide Pedestrian Trench	37.88

26 05 43 00-0018 30" Wide Pedestrian Trench *(26 05 43 00-0001)*

26 05 43 00-0019	LF	Base, Solid Bottom 30" Wide x 15" Deep Pedestrian Trench	76.64
26 05 43 00-0020	LF	Base, Open Bottom 30" Wide x 15" Deep Pedestrian Trench	87.62
26 05 43 00-0021	LF	Base, Solid Bottom 30" Wide x 24" Deep Pedestrian Trench	95.44
26 05 43 00-0022	LF	Base, Open Bottom 30" Wide x 24" Deep Pedestrian Trench	92.33
26 05 43 00-0023	EA	End Wall, 30" Wide x 15" Deep Pedestrian Trench	60.96
26 05 43 00-0024	EA	End Wall, 30" Wide x 24" Deep Pedestrian Trench	80.78
26 05 43 00-0025	LF	Lid, Concrete, 30" Wide Pedestrian Trench	47.03

26 05 43 00-0026 40" Wide Pedestrian Trench *(26 05 43 00-0001)*

26 05 43 00-0027	LF	Base, Solid Bottom 40" Wide x 15" Deep Pedestrian Trench	92.95
26 05 43 00-0028	LF	Base, Open Bottom 40" Wide x 15" Deep Pedestrian Trench	90.13
26 05 43 00-0029	LF	Base, Solid Bottom 40" Wide x 24" Deep Pedestrian Trench	113.66
26 05 43 00-0030	LF	Base, Open Bottom 40" Wide x 24" Deep Pedestrian Trench	110.20
26 05 43 00-0031	EA	End Wall, 40" Wide x 15" Deep Pedestrian Trench	78.03
26 05 43 00-0032	EA	End Wall, 40" Wide x 24" Deep Pedestrian Trench	103.32
26 05 43 00-0033	LF	Lid, Concrete, 40" Wide Pedestrian Trench	56.03

26 05 43 00-0034 Precast Concrete Trenches, One Piece Medium Vehicle Trench *(26 05 43)*

Note: Rated for 7000 lbs Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.

26 05 43 00-0035 10" Wide Medium Vehicle Trench *(26 05 43 00-0034)*

26 05 43 00-0036	LF	Base, Solid Bottom 10" Wide x 15" Deep Medium Vehicle Trench	53.76
26 05 43 00-0037	LF	Base, Open Bottom 10" Wide x 15" Deep Medium Vehicle Trench	51.56
26 05 43 00-0038	LF	Base, Solid Bottom 10" Wide x 24" Deep Medium Vehicle Trench	74.64
26 05 43 00-0039	LF	Base Open Bottom 10" Wide x 24" Deep Medium Vehicle Trench	71.60
26 05 43 00-0040	EA	End Wall, 10" Wide x 15" Deep Medium Vehicle Trench	37.52
26 05 43 00-0041	EA	End Wall, 10" Wide x 24" Deep Medium Vehicle Trench	45.17
26 05 43 00-0042	LF	Lid, Concrete 10" Wide Medium Vehicle Trench	35.83
26 05 43 00-0043	LF	Lid, Galvanized Steel 10" Wide Medium Vehicle Trench	143.00

26 05 43 00-0044 20" Wide Medium Vehicle Trench *(26 05 43 00-0034)*

26 05 43 00-0045	LF	Base, Solid Bottom 20" Wide x 15" Deep Medium Vehicle Trench	68.55
26 05 43 00-0046	LF	Base, Open Bottom 20" Wide x 15" Deep Medium Vehicle Trench	64.69
26 05 43 00-0047	LF	Base, Solid Bottom 20" Wide x 24" Deep Medium Vehicle Trench	93.29
26 05 43 00-0048	LF	Base Open Bottom 20" Wide x 24" Deep Medium Vehicle Trench	89.76
26 05 43 00-0049	EA	End Wall, 20" Wide x 15" Deep Medium Vehicle Trench	47.41
26 05 43 00-0050	EA	End Wall, 20" Wide x 24" Deep Medium Vehicle Trench	69.00
26 05 43 00-0051	LF	Lid, Concrete 20" Wide Medium Vehicle Trench	44.81
26 05 43 00-0052	LF	Lid, Galvanized Steel 20" Wide Medium Vehicle Trench	189.40

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 43 00-0053		**30" Wide Medium Vehicle Trench** *(26 05 43 00-0034)*		
26 05 43 00-0054	LF	Base, Solid Bottom 30" Wide x 15" Deep Medium Vehicle Trench	73.56	
26 05 43 00-0055	LF	Base, Open Bottom 30" Wide x 15" Deep Medium Vehicle Trench	85.48	
26 05 43 00-0056	LF	Base, Solid Bottom 30" Wide x 24" Deep Medium Vehicle Trench	110.67	
26 05 43 00-0057	LF	Base Open Bottom 30" Wide x 24" Deep Medium Vehicle Trench	106.65	
26 05 43 00-0058	EA	End Wall, 30" Wide x 15" Deep Medium Vehicle Trench	68.34	
26 05 43 00-0059	EA	End Wall, 30" Wide x 24" Deep Medium Vehicle Trench	91.70	
26 05 43 00-0060	LF	Lid, Concrete 30" Wide Medium Vehicle Trench	55.80	
26 05 43 00-0061	LF	Lid, Galvanized Steel 30" Wide Medium Vehicle Trench	236.24	
26 05 43 00-0062		**40" Wide Medium Vehicle Trench** *(26 05 43 00-0034)*		
26 05 43 00-0063	LF	Base, Solid Bottom 40" Wide x 15" Deep Medium Vehicle Trench	106.80	
26 05 43 00-0064	LF	Base, Open Bottom 40" Wide x 15" Deep Medium Vehicle Trench	103.15	
26 05 43 00-0065	LF	Base, Solid Bottom 40" Wide x 24" Deep Medium Vehicle Trench	130.64	
26 05 43 00-0066	LF	Base Open Bottom 40" Wide x 24" Deep Medium Vehicle Trench	126.16	
26 05 43 00-0067	EA	End Wall, 40" Wide x 15" Deep Medium Vehicle Trench	87.48	
26 05 43 00-0068	EA	End Wall, 40" Wide x 24" Deep Medium Vehicle Trench	117.26	
26 05 43 00-0069	LF	Lid, Concrete 40" Wide Medium Vehicle Trench	66.18	
26 05 43 00-0070	LF	Lid, Galvanized Steel 40" Wide Medium Vehicle Trench	320.64	
26 05 43 00-0071		**Precast Concrete Trenches, One Piece H20 Road Crossing Trench** *(26 05 43)*		
		Note: H20 Rated for 32000 lbs Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.		
26 05 43 00-0072		**10" Wide H20 Road Crossing Trench** *(26 05 43 00-0071)*		
26 05 43 00-0073	LF	Base, Solid Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	108.58	
26 05 43 00-0074	LF	Base, Open Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	103.66	
26 05 43 00-0075	LF	Base, Solid Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	136.56	
26 05 43 00-0076	LF	Base, Open Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	130.35	
26 05 43 00-0077	LF	Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	104.52	
26 05 43 00-0078	LF	Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	99.83	
26 05 43 00-0079	LF	Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	132.50	
26 05 43 00-0080	LF	Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	126.54	
26 05 43 00-0081	EA	End Wall for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	74.06	
26 05 43 00-0082	EA	End Wall for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	100.47	
26 05 43 00-0083	EA	End Wall for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	67.62	
26 05 43 00-0084	EA	End Wall for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	93.89	
26 05 43 00-0085	LF	Lid, Concrete 10" Wide Road Crossing Trench	51.47	
26 05 43 00-0086	LF	Lid, Galvanized Steel 10" Wide Road Crossing Trench	154.90	
26 05 43 00-0087		**20" Wide H20 Road Crossing Trench** *(26 05 43 00-0071)*		
26 05 43 00-0088	LF	Base, Solid Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	117.28	
26 05 43 00-0089	LF	Base, Open Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	112.23	
26 05 43 00-0090	LF	Base, Solid Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	156.23	
26 05 43 00-0091	LF	Base, Open Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	149.47	
26 05 43 00-0092	LF	Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	117.28	
26 05 43 00-0093	LF	Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	112.23	
26 05 43 00-0094	LF	Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	152.17	
26 05 43 00-0095	LF	Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	145.66	
26 05 43 00-0096	EA	End Wall for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	105.51	
26 05 43 00-0097	EA	End Wall for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	144.32	
26 05 43 00-0098	EA	End Wall for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	96.13	
26 05 43 00-0099	EA	End Wall for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	134.94	
26 05 43 00-0100	LF	Lid, Concrete 20" Wide Road Crossing Trench	58.00	
26 05 43 00-0101	LF	Lid, Galvanized Steel 20" Wide Road Crossing Trench	229.02	
26 05 43 00-0102		**30" Wide H20 Road Crossing Trench** *(26 05 43 00-0071)*		
26 05 43 00-0103	LF	Base, Solid Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	141.43	
26 05 43 00-0104	LF	Base, Open Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	135.65	
26 05 43 00-0105	LF	Base, Solid Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	174.62	
26 05 43 00-0106	LF	Base, Open Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	167.44	
26 05 43 00-0107	LF	Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	137.37	
26 05 43 00-0108	LF	Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	131.83	
26 05 43 00-0109	LF	Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	170.56	
26 05 43 00-0110	LF	Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	163.49	
26 05 43 00-0111	EA	End Wall for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	142.26	
26 05 43 00-0112	EA	End Wall for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	186.90	
26 05 43 00-0113	EA	End Wall for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	129.94	
26 05 43 00-0114	EA	End Wall for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	174.58	
26 05 43 00-0115	LF	Lid, Concrete 30" Wide Road Crossing Trench	73.05	
26 05 43 00-0116	LF	Lid, Galvanized Steel 30" Wide Road Crossing Trench	286.96	
26 05 43 00-0117		**40" Wide H20 Road Crossing Trench** *(26 05 43 00-0071)*		
26 05 43 00-0118	LF	Base, Solid Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	158.57	
26 05 43 00-0119	LF	Base, Open Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	152.36	
26 05 43 00-0120	LF	Base, Solid Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	195.00	
26 05 43 00-0121	LF	Base, Open Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	187.20	
26 05 43 00-0122	LF	Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	154.51	
26 05 43 00-0123	LF	Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	148.55	
26 05 43 00-0124	LF	Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	190.94	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 43 00-0125	LF	Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	183.38	
26 05 43 00-0126	EA	End Wall for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	177.08	
26 05 43 00-0127	EA	End Wall for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	232.48	
26 05 43 00-0128	EA	End Wall for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	161.96	
26 05 43 00-0129	EA	End Wall for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	217.36	
26 05 43 00-0130	LF	Lid, Concrete 40" Wide Road Crossing Trench	88.51	
26 05 43 00-0131	LF	Lid, Galvanized Steel 40" Wide Road Crossing Trench	389.66	

26 05 43 00-0132 Duct Bank *(26 05 43)*

Note: Installation of single or multiple configuration underground utility raceways to have 3" concrete leveling base and encased in concrete envelope. Based on 100' run, minimum 30" bury depth. Labor units include material handling, unloading at job site, layout of job, measuring, cutting and fabrication, installation in trench using the appropriate supports, cleaning to remove any obstructions and installation of nylon pull string. Excludes trenching, concrete, backfilling, grading and seeding. Duct Banks are to be installed according to the appropriate sections of the accompanying specifications. Individual rows to be stacked for larger duct bank configurations.

26 05 43 00-0133 Rigid Galvanized Steel Conduit (GRC Or RGS) Duct Bank *(26 05 43 00-0132)*

Note: Includes appropriate spacers and fittings.

26 05 43 00-0134	LF	2 At 2", Rigid Galvanized Conduit Duct Bank	19.97	
26 05 43 00-0135	LF	4 At 2", Rigid Galvanized Conduit Duct Bank	39.96	
26 05 43 00-0136	LF	2 At 3", Rigid Galvanized Conduit Duct Bank	40.76	
26 05 43 00-0137	LF	4 At 3", Rigid Galvanized Conduit Duct Bank	81.74	
26 05 43 00-0138	LF	2 At 4", Rigid Galvanized Conduit Duct Bank	59.91	
26 05 43 00-0139	LF	4 At 4", Rigid Galvanized Conduit Duct Bank	120.60	
26 05 43 00-0140	LF	6 At 4", Rigid Galvanized Conduit Duct Bank	181.56	
26 05 43 00-0141	LF	2 At 5", Rigid Galvanized Conduit Duct Bank	109.93	
26 05 43 00-0142	LF	4 At 5", Rigid Galvanized Conduit Duct Bank	219.11	
26 05 43 00-0143	LF	6 At 5", Rigid Galvanized Conduit Duct Bank	338.38	
26 05 43 00-0144	LF	2 At 6", Rigid Galvanized Conduit Duct Bank	156.50	
26 05 43 00-0145	LF	4 At 6", Rigid Galvanized Conduit Duct Bank	314.09	
26 05 43 00-0146	LF	6 At 6", Rigid Galvanized Conduit Duct Bank	466.57	

26 05 43 00-0147 PVC, Type EB Duct Bank System *(26 05 43 00-0132)*

Note: Includes appropriate spacers and fittings.

26 05 43 00-0148	LF	1 At 2", PVC, Type EB Duct Bank	5.05	
26 05 43 00-0149	LF	2 At 2", PVC, Type EB Duct Bank	11.15	
26 05 43 00-0150	LF	4 At 2", PVC, Type EB Duct Bank	21.36	
26 05 43 00-0151	LF	1 At 3", PVC, Type EB Duct Bank	6.67	
26 05 43 00-0152	LF	2 At 3", PVC, Type EB Duct Bank	13.31	
26 05 43 00-0153	LF	4 At 3", PVC, Type EB Duct Bank	27.06	
26 05 43 00-0154	LF	1 At 4", PVC, Type EB Duct Bank	8.81	
26 05 43 00-0155	LF	2 At 4", PVC, Type EB Duct Bank	17.62	
26 05 43 00-0156	LF	4 At 4", PVC, Type EB Duct Bank	35.28	
26 05 43 00-0157	LF	6 At 4", PVC, Type EB Duct Bank	52.91	
26 05 43 00-0158	LF	1 At 5", PVC, Type EB Duct Bank	10.97	
26 05 43 00-0159	LF	2 At 5", PVC, Type EB Duct Bank	21.93	
26 05 43 00-0160	LF	4 At 5", PVC, Type EB Duct Bank	42.34	
26 05 43 00-0161	LF	6 At 5", PVC, Type EB Duct Bank	59.72	
26 05 43 00-0162	LF	1 At 6", PVC, Type EB Duct Bank	19.86	
26 05 43 00-0163	LF	2 At 6", PVC, Type EB Duct Bank	29.55	
26 05 43 00-0164	LF	4 At 6", PVC, Type EB Duct Bank	59.25	
26 05 43 00-0165	LF	6 At 6", PVC, Type EB Duct Bank	96.43	

26 05 43 00-0166 PVC, Type DB Duct Bank System *(26 05 43 00-0132)*

Note: Includes appropriate spacers and fittings.

26 05 43 00-0167	LF	1 At 2", PVC, Type DB Duct Bank	5.60	
26 05 43 00-0168	LF	2 At 2", PVC, Type DB Duct Bank	12.31	
26 05 43 00-0169	LF	4 At 2", PVC, Type DB Duct Bank	23.50	
26 05 43 00-0170	LF	1 At 3", PVC, Type DB Duct Bank	6.88	
26 05 43 00-0171	LF	2 At 3", PVC, Type DB Duct Bank	13.75	
26 05 43 00-0172	LF	4 At 3", PVC, Type DB Duct Bank	27.43	
26 05 43 00-0173	LF	1 At 4", PVC, Type DB Duct Bank	8.96	
26 05 43 00-0174	LF	2 At 4", PVC, Type DB Duct Bank	17.92	
26 05 43 00-0175	LF	4 At 4", PVC, Type DB Duct Bank	35.89	
26 05 43 00-0176	LF	6 At 4", PVC, Type DB Duct Bank	53.81	
26 05 43 00-0177	LF	1 At 5", PVC, Type DB Duct Bank	11.20	
26 05 43 00-0178	LF	2 At 5", PVC, Type DB Duct Bank	22.38	
26 05 43 00-0179	LF	4 At 5", PVC, Type DB Duct Bank	43.25	
26 05 43 00-0180	LF	6 At 5", PVC, Type DB Duct Bank	61.08	
26 05 43 00-0181	LF	1 At 6", PVC, Type DB Duct Bank	20.17	
26 05 43 00-0182	LF	2 At 6", PVC, Type DB Duct Bank	30.20	
26 05 43 00-0183	LF	4 At 6", PVC, Type DB Duct Bank	60.55	
26 05 43 00-0184	LF	6 At 6", PVC, Type DB Duct Bank	98.39	

26 05 43 00-0185 Male Or Female Adapters *(26 05 43 00-0132)*

26 05 43 00-0186	EA	2" Adapter	28.14	
26 05 43 00-0187	EA	3" Adapter	40.18	
26 05 43 00-0188	EA	4" Adapter	51.80	
26 05 43 00-0189	EA	5" Adapter	78.14	
26 05 43 00-0190	EA	6" Adapter	96.92	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 46 Utility Poles for Electrical Systems *(26 05)*

26 05 46 00-0001 Wood Poles *(26 05 46)*

26 05 46 00-0002 Wood Pole, Class 3, Penta-Treated To 8 LB Retention *(26 05 46 00-0001)*

Note: Machine dig and set.

26 05 46 00-0003	EA	25' Treated Wood Pole, Class 3, Machine Dig And Set	621.44	221.03
		For Class 1 Pole, Add	*62.76*	
		For Class 2 Pole, Add	*35.86*	
		For Class 4 Pole, Deduct	*-17.93*	
		For Class 5 Pole, Deduct	*-53.79*	
		For Class 6 Pole, Deduct	*-71.72*	
26 05 46 00-0004	EA	30' Treated Wood Pole, Class 3, Machine Dig And Set	733.92	245.23
		For Class 1 Pole, Add	*85.20*	
		For Class 2 Pole, Add	*48.69*	
		For Class 4 Pole, Deduct	*-24.34*	
		For Class 5 Pole, Deduct	*-73.03*	
		For Class 6 Pole, Deduct	*-97.37*	
26 05 46 00-0005	EA	35' Treated Wood Pole, Class 3, Machine Dig And Set	954.70	324.34
		For Class 1 Pole, Add	*107.14*	
		For Class 2 Pole, Add	*61.22*	
		For Class 4 Pole, Deduct	*-30.61*	
		For Class 5 Pole, Deduct	*-91.83*	
		For Class 6 Pole, Deduct	*-122.44*	
26 05 46 00-0006	EA	40' Treated Wood Pole, Class 3, Machine Dig And Set	1,085.16	356.73
		For Class 1 Pole, Add	*130.10*	
		For Class 2 Pole, Add	*74.34*	
		For Class 4 Pole, Deduct	*-37.17*	
		For Class 5 Pole, Deduct	*-111.51*	
		For Class 6 Pole, Deduct	*-148.68*	
26 05 46 00-0007	EA	45' Treated Wood Pole, Class 3, Machine Dig And Set	1,234.95	397.32
		For Class 1 Pole, Add	*154.08*	
		For Class 2 Pole, Add	*88.04*	
		For Class 4 Pole, Deduct	*-44.02*	
		For Class 5 Pole, Deduct	*-132.07*	
		For Class 6 Pole, Deduct	*-176.09*	
26 05 46 00-0008	EA	50' Treated Wood Pole, Class 3, Machine Dig And Set	1,402.00	445.92
		For Class 1 Pole, Add	*178.57*	
		For Class 2 Pole, Add	*102.04*	
		For Class 4 Pole, Deduct	*-51.02*	
		For Class 5 Pole, Deduct	*-153.06*	
		For Class 6 Pole, Deduct	*-204.08*	
26 05 46 00-0009	EA	55' Treated Wood Pole, Class 3, Machine Dig And Set	1,564.05	490.47
		For Class 1 Pole, Add	*204.07*	
		For Class 2 Pole, Add	*116.61*	
		For Class 4 Pole, Deduct	*-58.31*	
		For Class 5 Pole, Deduct	*-174.92*	
		For Class 6 Pole, Deduct	*-233.23*	
26 05 46 00-0010	EA	60' Treated Wood Pole, Class 3, Machine Dig And Set	1,743.45	539.34
		For Class 1 Pole, Add	*232.65*	
		For Class 2 Pole, Add	*132.94*	
		For Class 4 Pole, Deduct	*-66.47*	
		For Class 5 Pole, Deduct	*-199.41*	
		For Class 6 Pole, Deduct	*-265.88*	
26 05 46 00-0011	EA	65' Treated Wood Pole, Class 3, Machine Dig And Set	2,707.30	587.84
		For Class 1 Pole, Add	*536.06*	
		For Class 2 Pole, Add	*306.32*	
		For Class 4 Pole, Deduct	*-153.16*	
		For Class 5 Pole, Deduct	*-459.48*	
		For Class 6 Pole, Deduct	*-612.64*	
26 05 46 00-0012	EA	70' Treated Wood Pole, Class 3, Machine Dig And Set	2,962.93	625.32
		For Class 1 Pole, Add	*599.29*	
		For Class 2 Pole, Add	*342.45*	
		For Class 4 Pole, Deduct	*-171.23*	
		For Class 5 Pole, Deduct	*-513.68*	
		For Class 6 Pole, Deduct	*-684.90*	
26 05 46 00-0013	EA	75' Treated Wood Pole, Class 3, Machine Dig And Set	3,247.22	667.89
		For Class 1 Pole, Add	*668.99*	
		For Class 2 Pole, Add	*382.28*	
		For Class 4 Pole, Deduct	*-191.14*	
		For Class 5 Pole, Deduct	*-573.42*	
		For Class 6 Pole, Deduct	*-764.56*	

26 05 46 00-0014 Removal And Relocation Of Wood Poles With Cross Arm *(26 05 46 00-0001)*

26 05 46 00-0015	LF	Remove And Relocate Wood Pole With Cross Arms, Up To 75'	18.84	

26 05 46 00-0016 Crossarms *(26 05 46)*

Note: Includes hardware and braces.

26 05 46 00-0017 Wood Single Arm Crossarms *(26 05 46 00-0016)*

26 05 46 00-0018	EA	3-1/2" x 4-1/2" x 5'-7", Single Arm Wood Crossarm, With Hardware And Braces	153.55	65.92
26 05 46 00-0019	EA	3-1/2" x 4-1/2" x 8'-0", Single Arm Wood Crossarm, With Hardware And Braces	186.41	65.92
26 05 46 00-0020	EA	3-3/4" x 4-3/4" x 10'-0", Single Arm Wood Crossarm, With Hardware And Braces	196.13	84.76

26 05 46 00-0021 Wood Double Arm Crossarms *(26 05 46 00-0016)*

26 05 46 00-0022	EA	3-1/2" x 4-1/2" x 5'-7", Double Arm Wood Crossarm, With Hardware And Braces	398.19	183.64

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0023	EA	3-1/2" x 4-1/2" x 8'-0", Double Arm Wood Crossarm, With Hardware And Braces	423.21	183.64
26 05 46 00-0024	EA	3-3/4" x 4-3/4" x 10'-0", Double Arm Wood Crossarm, With Hardware And Braces	441.37	183.64
26 05 46 00-0025		**Fiberglass Crossarms** *(26 05 46 00-0016)*		
		Note: Includes hardware.		
26 05 46 00-0026		**Single Phase, 15 Degree Angle** *(26 05 46 00-0025)*		
26 05 46 00-0027	EA	Fiberglass Cutout And Arrestor Bracket, 18", Minimum Ultimate Load 800#	156.46	
26 05 46 00-0028	EA	Fiberglass Insulator Bracket, 14", 11/16" Diameter Hole, Minimum Ultimate Load 1200#	201.39	39.55
26 05 46 00-0029	EA	Fiberglass Insulator Bracket, 14", 1" Lead Threaded, Minimum Ultimate Load 1200#	210.81	42.38
26 05 46 00-0030		**Two Phase, 15 Degree Angle** *(26 05 46 00-0025)*		
26 05 46 00-0031	EA	Fiberglass Insulator Bracket, 36", Minimum Ultimate Load 1200#	252.56	50.85
26 05 46 00-0032		**Fiberglass Crossarm Accessories** *(26 05 46 00-0025)*		
26 05 46 00-0033	EA	Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 7000# Per Conductor	389.09	64.98
26 05 46 00-0034	EA	Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 12000# Per Conductor	463.18	79.11
26 05 46 00-0035	EA	Pole Top Pin, Hot Dip Galvanized, 18", 1" Lead Threaded	67.67	11.30
26 05 46 00-0036	EA	Three Phase Equipment Mounting Bracket	338.34	56.50
26 05 46 00-0037	EA	Fiberglass Bull Horn Crossarm	278.34	94.18
26 05 46 00-0038		**Insulator Support System** *(26 05 46 00-0016)*		
26 05 46 00-0039		**Epoxy Construction Units, In Place Mounting** *(26 05 46 00-0038)*		
		Note: Includes hardware.		
26 05 46 00-0040	EA	1-1/2" Diameter x 19" Long Pole Side Pins Vertical (1 Arm Installed), In Place Mounting	83.74	
26 05 46 00-0041	EA	1-1/2" Diameter x 15" Long Pole Top Pins, In Place Mounting	65.92	
26 05 46 00-0042	EA	Deadend Arms, In Place Mounting	169.87	
26 05 46 00-0043	EA	1-1/2" Diameter x 18" Long Pole Side Pins Vertical (2 Arms Installed), In Place Mounting	129.43	
26 05 46 00-0044		**Epoxy Construction Units, Grounding Mounting** *(26 05 46 00-0038)*		
		Note: Includes hardware.		
26 05 46 00-0045	EA	1-1/2" Diameter x 18" Long Pole Side Pins Vertical, Grounding Mounting	56.49	
26 05 46 00-0046	EA	1-1/2" Diameter x 15" Long Pole Top Pins, Grounding Mounting	47.76	
26 05 46 00-0047	EA	Deadend Arms, Grounding Mounting	151.71	
26 05 46 00-0048		**Guying** *(26 05 46)*		
		Note: Includes cable, anchor and rod assembly, guy marker.		
26 05 46 00-0049		**Down Guy** *(26 05 46 00-0048)*		
26 05 46 00-0050	EA	Down Guy For 25' To 40' Pole	619.33	263.69
26 05 46 00-0051	EA	Down Guy For 45' To 60' Pole	628.24	263.69
26 05 46 00-0052	EA	Down Guy For 65' To 75' Pole	646.55	263.69
26 05 46 00-0053	EA	Guy Guard, Plastic	21.02	
26 05 46 00-0054		**Head Guy, 50' Spans** *(26 05 46 00-0048)*		
26 05 46 00-0055	EA	Head Guy (50' Span), For 25' To 40' Pole	908.44	404.95
26 05 46 00-0056	EA	Head Guy (50' Span), For 45' To 60' Pole	908.44	404.95
26 05 46 00-0057	EA	Head Guy (50' Span), For 65' To 75' Pole	908.44	404.95
26 05 46 00-0058		**Guy Strain Insulators Additional Insulators** *(26 05 46 00-0048)*		
		Note: As required at same material cost and labor.		
26 05 46 00-0059	EA	Guy Strain Insulator	398.00	197.77
26 05 46 00-0060		**Pole Anchor** *(26 05 46 00-0048)*		
		Note: Joslyn.		
26 05 46 00-0061	EA	Pole Anchor, 4" Helix, 3/4" x 54" Shaft	56.91	
26 05 46 00-0062	EA	Pole Anchor, 6" Helix, 3/4" x 66" Shaft	61.42	
26 05 46 00-0063	EA	Pole Anchor, 8" Helix, 1" x 66" Shaft	72.02	
26 05 46 00-0064	EA	Pole Anchor, 10" Helix, 1-1/4" x 66" Shaft	90.62	
26 05 46 00-0065	EA	Pole Anchor, 10" Helix, 1-1/4" x 8' Shaft	119.23	
26 05 46 00-0066	EA	Pole Anchor, 16" Helix, 1-1/4" x 8' Shaft	160.04	
26 05 46 00-0067		**Insulators** *(26 05 46)*		
26 05 46 00-0068		**Pin Insulator With Pin** *(26 05 46 00-0067)*		
26 05 46 00-0069	EA	5 KV Class 55-3, Pin Insulator With Pin	126.71	56.50
26 05 46 00-0070	EA	15 KV Class 55-5, Pin Insulator With Pin	130.54	56.50
26 05 46 00-0071		**Suspension Insulator** *(26 05 46 00-0067)*		
		Note: Includes clevis and strain clamp.		
26 05 46 00-0072	EA	5 KV Class 52-2, Suspension Insulator, With Clevis And Strain Clamp	161.16	75.34
26 05 46 00-0073	EA	15 KV Class 52-4, Suspension Insulator, With Clevis And Strain Clamp	171.58	75.34
26 05 46 00-0074	EA	25 KV Class 2 x 52-4, Suspension Insulator, With Clevis And Strain Clamp	241.23	94.18
26 05 46 00-0075	EA	50 KV Class 4 x 52-4, Suspension Insulator, With Clevis And Strain Clamp	382.85	150.68

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0076		**Spool Insulator With Clevis** *(26 05 46 00-0067)*		
26 05 46 00-0077	EA	5 KV Class 53-5, Spool Insulator With Clevis	53.66	23.54
26 05 46 00-0078	EA	15 KV Class, Spool Insulator With Clevis	172.21	84.76
26 05 46 00-0079	EA	25 KV Class, Spool Insulator With Clevis	223.30	84.76
26 05 46 00-0080		**Secondary Rack** *(26 05 46 00-0067)*		
26 05 46 00-0081	EA	1 Spool Secondary Rack	106.57	47.08
26 05 46 00-0082	EA	2 Spool Secondary Rack	109.93	60.09
26 05 46 00-0083	EA	3 Spool Secondary Rack	164.59	80.04
26 05 46 00-0084	EA	4 Spool Secondary Rack	184.91	80.04
26 05 46 00-0085		**Outdoor Load Break Switches** *(26 05 46)* Note: 3-Phase, group operated, 3-insulator, vertical break, high strength pin insulators worm gear operating mechanism operating rods, mechanisms, and switch bases are galvanized steel.		
26 05 46 00-0086		**7.2 KV Outdoor Load Break Switches** *(26 05 46 00-0085)*		
26 05 46 00-0087	EA	600 A, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	2,730.88	320.20
26 05 46 00-0088	EA	1200 A, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	5,253.40	320.20
26 05 46 00-0089	EA	1600 A, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	7,815.28	541.51
26 05 46 00-0090	EA	2000 A, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	8,010.01	541.51
26 05 46 00-0091		**14.4 KV Outdoor Load Break Switches** *(26 05 46 00-0085)*		
26 05 46 00-0092	EA	600 A, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	3,309.43	320.20
26 05 46 00-0093	EA	1200 A, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	6,181.90	320.20
26 05 46 00-0094	EA	1600 A, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	7,815.28	541.51
26 05 46 00-0095	EA	2000 A, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	8,010.01	541.51
26 05 46 00-0096		**23 KV Outdoor Load Break Switches** *(26 05 46 00-0085)*		
26 05 46 00-0097	EA	600 A, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	3,657.21	371.99
26 05 46 00-0098	EA	1200 A, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	6,771.04	371.99
26 05 46 00-0099	EA	1600 A, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	8,197.99	640.39
26 05 46 00-0100	EA	2000 A, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	8,399.10	640.39
26 05 46 00-0101		**Square Distribution Poles** *(26 05 46)*		
26 05 46 00-0102		**Square Steel Tapered Shaft Distribution Poles** *(26 05 46 00-0101)*		
26 05 46 00-0103	EA	20', Steel Taped Shaft Distribution Pole	2,038.31	400.24
26 05 46 00-0104	EA	25', Steel Taped Shaft Distribution Pole	2,280.75	423.79
26 05 46 00-0105	EA	30', Steel Taped Shaft Distribution Pole	2,479.66	470.87
26 05 46 00-0106	EA	35', Steel Taped Shaft Distribution Pole	2,742.13	517.96
26 05 46 00-0107	EA	40', Steel Taped Shaft Distribution Pole	3,653.10	565.05
26 05 46 00-0108		**Square Prestressed Concrete Distribution Poles** *(26 05 46 00-0101)*		
26 05 46 00-0109	EA	30', Prestressed Concrete Square Pole For Distribution	2,320.56	692.47
26 05 46 00-0110	EA	35', Prestressed Concrete Square Pole For Distribution	2,567.95	759.48
26 05 46 00-0111	EA	40', Prestressed Concrete Square Pole For Distribution	2,972.44	848.83
26 05 46 00-0112	EA	45', Prestressed Concrete Square Pole For Distribution	3,337.98	938.18
26 05 46 00-0113	EA	50', Prestressed Concrete Square Pole For Distribution	4,004.61	1,139.22
26 05 46 00-0114	EA	55', Prestressed Concrete Square Pole For Distribution	4,695.40	1,340.26
26 05 46 00-0115	EA	60', Prestressed Concrete Square Pole For Distribution	5,488.38	1,518.96
26 05 46 00-0116	EA	65', Prestressed Concrete Square Pole For Distribution	6,658.14	1,876.37
26 05 46 00-0117	EA	70', Prestressed Concrete Square Pole For Distribution	7,426.93	2,055.07
26 05 46 00-0118		**Aluminum Tapered Poles** *(26 05 46)*		
26 05 46 00-0119		**Aluminum Tapered Round Seamless Shaft Poles** *(26 05 46 00-0118)*		
26 05 46 00-0120	EA	20', Aluminum Tapered Round Seamless Shaft Pole For Distribution	2,154.30	353.16
26 05 46 00-0121	EA	25', Aluminum Tapered Round Seamless Shaft Pole For Distribution	2,991.19	376.70
26 05 46 00-0122	EA	30', Aluminum Tapered Round Seamless Shaft Pole For Distribution	3,438.13	423.79
26 05 46 00-0123	EA	35', Aluminum Tapered Round Seamless Shaft Pole For Distribution	4,071.76	470.87
26 05 46 00-0124	EA	40', Aluminum Tapered Round Seamless Shaft Pole For Distribution	6,123.23	517.96
26 05 46 00-0125		**Steel Service Poles Distribution** *(26 05 46)* Note: Direct embedded, bearing plate on base end, pole cap on top end, grounding nut, galvanized finish.		
26 05 46 00-0126		**Round Tapered Pole** *(26 05 46 00-0125)*		
26 05 46 00-0127	EA	40', Galvanized Steel Tapered Round Pole For Distribution	3,035.09	565.05
26 05 46 00-0128	EA	45', Galvanized Steel Tapered Round Pole For Distribution	3,513.38	612.13
26 05 46 00-0129	EA	50', Galvanized Steel Tapered Round Pole For Distribution	3,745.43	659.23
26 05 46 00-0130	EA	55', Galvanized Steel Tapered Round Pole For Distribution	4,404.20	753.40
26 05 46 00-0131	EA	60', Galvanized Steel Tapered Round Pole For Distribution	5,422.08	847.57
26 05 46 00-0132	EA	65', Galvanized Steel Tapered Round Pole For Distribution	6,373.87	1,049.87
26 05 46 00-0133	EA	70', Galvanized Steel Tapered Round Pole For Distribution	7,101.32	1,191.05
26 05 46 00-0134	EA	75', Galvanized Steel Tapered Round Pole For Distribution	7,853.09	1,340.26
26 05 46 00-0135	EA	80', Galvanized Steel Tapered Round Pole For Distribution	8,819.55	1,518.96

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0136	EA	85', Galvanized Steel Tapered Round Pole For Distribution	9,422.19	1,608.31
26 05 46 00-0137	EA	90', Galvanized Steel Tapered Round Pole For Distribution	10,236.08	1,787.01
26 05 46 00-0138	EA	95', Galvanized Steel Tapered Round Pole For Distribution	11,264.07	2,010.39
26 05 46 00-0139	EA	100', Galvanized Steel Tapered Round Pole For Distribution	12,452.80	2,278.44
26 05 46 00-0140		12 Sided Tapered *(26 05 46 00-0125)*		
26 05 46 00-0141	EA	40', Galvanized Steel Tapered 12 Sided Pole For Distribution	5,077.00	565.05
26 05 46 00-0142	EA	45', Galvanized Steel Tapered 12 Sided Pole For Distribution	5,599.53	612.13
26 05 46 00-0143	EA	50', Galvanized Steel Tapered 12 Sided Pole For Distribution	6,195.83	659.23
26 05 46 00-0144	EA	55', Galvanized Steel Tapered 12 Sided Pole For Distribution	6,815.92	753.40
26 05 46 00-0145	EA	60', Galvanized Steel Tapered 12 Sided Pole For Distribution	9,014.84	847.57
26 05 46 00-0146	EA	65', Galvanized Steel Tapered 12 Sided Pole For Distribution	9,988.73	1,049.87
26 05 46 00-0147	EA	70', Galvanized Steel Tapered 12 Sided Pole For Distribution	11,566.06	1,191.05
26 05 46 00-0148	EA	75', Galvanized Steel Tapered 12 Sided Pole For Distribution	12,458.56	1,340.26
26 05 46 00-0149	EA	80', Galvanized Steel Tapered 12 Sided Pole For Distribution	13,419.23	1,518.96
26 05 46 00-0150	EA	85', Galvanized Steel Tapered 12 Sided Pole For Distribution	14,218.09	1,608.31
26 05 46 00-0151	EA	90', Galvanized Steel Tapered 12 Sided Pole For Distribution	16,132.96	1,787.01
26 05 46 00-0152	EA	95', Galvanized Steel Tapered 12 Sided Pole For Distribution	17,144.43	2,010.39
26 05 46 00-0153	EA	100', Galvanized Steel Tapered 12 Sided Pole For Distribution	18,371.76	2,278.44
26 05 46 00-0154	EA	105', Galvanized Steel Tapered 12 Sided Pole For Distribution	19,680.97	2,546.50
26 05 46 00-0155		Standard Options For Round, 12 Sided and Octagonal Tapered Poles *(26 05 46 00-0125)*		
26 05 46 00-0156	EA	Ladder Clips	12.30	
26 05 46 00-0157	EA	Coal Tar Epoxy Coating From Base To 1' Above Ground Line	92.32	
26 05 46 00-0158	EA	Ground Sleeve-2' At Ground Line	92.85	
26 05 46 00-0159		Arms With Baseplates And Endplates *(26 05 46 00-0125)*		
26 05 46 00-0160	EA	4' Arm With Baseplate And Endplate	447.36	94.18
26 05 46 00-0161	EA	5' Arm With Baseplate And Endplate	482.48	94.18
26 05 46 00-0162	EA	6' Arm With Baseplate And Endplate	612.50	141.26
26 05 46 00-0163	EA	7' Arm With Baseplate And Endplate	643.22	141.26
26 05 46 00-0164	EA	8' Arm With Baseplate And Endplate	771.81	188.35
26 05 46 00-0165	EA	9' Arm With Baseplate And Endplate	806.91	188.35
26 05 46 00-0166	EA	10' Arm With Baseplate And Endplate	1,063.53	235.44
26 05 46 00-0167	EA	11' Arm With Baseplate And Endplate	1,102.93	235.44
26 05 46 00-0168		Standard Vangs Load Bearing At Any Angle *(26 05 46 00-0125)*		
26 05 46 00-0169	EA	15,000# Standard Vangs Load Bearing At Any Angle	217.31	94.18
26 05 46 00-0170	EA	30,000# Standard Vangs Load Bearing At Any Angle	238.83	94.18
26 05 46 00-0171	EA	45,000# Standard Vangs Load Bearing At Any Angle	268.25	94.18
26 05 46 00-0172		Armless Construction Brackets *(26 05 46 00-0125)*		
26 05 46 00-0173		Verticals Insulator And Equipment Bracket *(26 05 46 00-0172)*		
26 05 46 00-0174	EA	7" 1 Position Vertical Insulation And Equipment Bracket	220.82	94.18
26 05 46 00-0175	EA	12" 1 Position Vertical Insulation And Equipment Bracket	234.41	94.18
26 05 46 00-0176	EA	12" 3 Position Vertical Insulation And Equipment Bracket	256.48	94.18
26 05 46 00-0177	EA	18" 1 Position Vertical Insulation And Equipment Bracket	365.24	141.26
26 05 46 00-0178	EA	18" 3 Position Vertical Insulation And Equipment Bracket	378.13	141.26
26 05 46 00-0179		Horizontal And Multiple Insulator Brackets *(26 05 46 00-0172)*		
26 05 46 00-0180	EA	Sidepole 1 7/8" Clearance Horizontal And Multiple Insulation Brackets	210.24	94.18
26 05 46 00-0181	EA	Sidepole 2" Clearance Horizontal And Multiple Insulation Brackets	238.79	94.18
26 05 46 00-0182	EA	Sidepole 9" Clearance Horizontal And Multiple Insulation Brackets	351.42	141.26
26 05 46 00-0183	EA	Sidepole 10" Clearance Horizontal And Multiple Insulation Brackets	418.79	141.26
26 05 46 00-0184	EA	Sidepole 15" Clearance Horizontal And Multiple Insulation Brackets	540.89	188.35
26 05 46 00-0185	EA	Sidepole 20" Clearance Horizontal And Multiple Insulation Brackets	576.64	188.35
26 05 46 00-0186		Pole Top Bracket And Pins *(26 05 46 00-0172)*		
26 05 46 00-0187	EA	Pole Top Pin - 5"	214.39	94.18
26 05 46 00-0188	EA	Pole Top Bracket - 5"	221.32	94.18
26 05 46 00-0189		Angle Pins *(26 05 46 00-0172)*		
26 05 46 00-0190	EA	Angle Pin - 25 Degree, 6"	213.45	94.18
26 05 46 00-0191	EA	Angle Pin - 25 Degree, 7 1/4"	235.96	94.18
26 05 46 00-0192		Static And Neutral Wire Brackets *(26 05 46 00-0172)*		
26 05 46 00-0193	EA	Neutral Wire Bracket	196.38	94.18
26 05 46 00-0194	EA	Static Wire Bracket	226.66	94.18
26 05 46 00-0195		Cutout, Arrestor And Terminator Brackets *(26 05 46 00-0172)*		
26 05 46 00-0196	EA	Cutout And Arrestor, With Mounting Bracket	206.66	94.18
26 05 46 00-0197	EA	Equipment Mounting T Bracket	218.65	94.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0198	EA	15 KV Cutout	273.51	
26 05 46 00-0199	EA	9/10 KV Arrestor	256.65	94.18
26 05 46 00-0200		**Spacer Cable, Conduit Support And Cluster Bracket** *(26 05 46 00-0172)*		
26 05 46 00-0201	EA	Spacer Cable	231.50	94.18
26 05 46 00-0202	EA	Conduit Support	203.45	94.18
26 05 46 00-0203	EA	Cluster Bracket For Mounting Transformer On Pole, 3 Diameter	298.31	94.18
26 05 46 00-0204		**15 KV 200 Amp Solenoid Operated High Voltage Switch** *(26 05 46 00-0172)*		
		Note: Includes pole mounting bracket.		
26 05 46 00-0205	EA	15 KV, 1 Phase, Solenoid Switch With Pole Bracket	1,213.70	235.44
26 05 46 00-0206		**Octagonal Tapered** *(26 05 46 00-0125)*		
26 05 46 00-0207	EA	40', Galvanized Steel Tapered Octagonal Pole For Distribution	5,228.76	565.05
26 05 46 00-0208	EA	45', Galvanized Steel Tapered Octagonal Pole For Distribution	5,767.86	612.13
26 05 46 00-0209	EA	50', Galvanized Steel Tapered Octagonal Pole For Distribution	6,383.47	659.23
26 05 46 00-0210	EA	55', Galvanized Steel Tapered Octagonal Pole For Distribution	7,020.12	800.49
26 05 46 00-0211	EA	60', Galvanized Steel Tapered Octagonal Pole For Distribution	9,296.30	847.57
26 05 46 00-0212	EA	65', Galvanized Steel Tapered Octagonal Pole For Distribution	10,292.27	1,049.87
26 05 46 00-0213	EA	70', Galvanized Steel Tapered Octagonal Pole For Distribution	11,919.27	1,116.88
26 05 46 00-0214	EA	75', Galvanized Steel Tapered Octagonal Pole For Distribution	12,835.22	1,340.26
26 05 46 00-0215	EA	80', Galvanized Steel Tapered Octagonal Pole For Distribution	13,817.96	1,429.61
26 05 46 00-0216	EA	85', Galvanized Steel Tapered Octagonal Pole For Distribution	14,640.29	1,608.31
26 05 46 00-0217	EA	90', Galvanized Steel Tapered Octagonal Pole For Distribution	16,614.48	1,697.66
26 05 46 00-0218	EA	95', Galvanized Steel Tapered Octagonal Pole For Distribution	17,650.79	2,010.39
26 05 46 00-0219	EA	100', Galvanized Steel Tapered Octagonal Pole For Distribution	18,902.95	2,144.41
26 05 46 00-0220	EA	105', Galvanized Steel Tapered Octagonal Pole For Distribution	20,239.76	2,412.47
26 05 46 00-0221		**Removal And Relocation Of Steel Service Poles** *(26 05 46 00-0125)*		
26 05 46 00-0222	LF	Removal And Relocation Of Steel Service Poles With Arms Up To 60'	32.96	
26 05 46 00-0223		**Special Steel Bases For Poles** *(26 05 46 00-0125)*		
26 05 46 00-0224	EA	Spin-In Steel Base For Poles	165.49	
26 05 46 00-0225	EA	Series 3, 25' Pole And less	180.54	47.08
26 05 46 00-0226	EA	Series 4, 40' Pole And less	213.85	54.15
26 05 46 00-0227	EA	Series 5, 50' Pole And less	242.46	58.86
26 05 46 00-0228		**Primary Fuse Cutouts** *(26 05 46)*		
		Note: Interrupting rating RMS, amperes - 25,000 symmetric and 40,000 asymmetric.		
26 05 46 00-0229		**Non-Loadbreak Current Limiting Primary Fuse Cutouts** *(26 05 46 00-0228)*		
		Note: Includes the fuse and cut-out switch.		
26 05 46 00-0230		**8.3 KV-95 KV-BIL Non-Loadbreak Current Limiting** *(26 05 46 00-0229)*		
26 05 46 00-0231	EA	15 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	453.06	235.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.01*	
26 05 46 00-0232	EA	25 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	547.23	235.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*141.26*	
26 05 46 00-0233	EA	40 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	641.10	235.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*169.42*	
26 05 46 00-0234	EA	100 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	648.54	235.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*169.52*	
26 05 46 00-0235	EA	200 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	648.54	235.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*169.52*	
26 05 46 00-0236		**17.1 KV-95 KV-BIL Non-Loadbreak Current Limiting** *(26 05 46 00-0229)*		
26 05 46 00-0237	EA	15 A Primary Fuse Cutout 17.1 KV - 95 KV Non-Loadbreak Current Limiting	453.06	188.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.01*	
26 05 46 00-0238		**17.1 KV-125 KV-BIL Non-Loadbreak Current Limiting** *(26 05 46 00-0229)*		
26 05 46 00-0239	EA	15 A Primary Fuse Cutout 17.1 KV - 125 KV Non-Loadbreak Current Limiting	462.69	188.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.01*	
26 05 46 00-0240		**Fuseholders** *(26 05 46 00-0229)*		
		Note: Including current limiting fuse.		
26 05 46 00-0241	EA	15 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	412.47	235.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.01*	
26 05 46 00-0242	EA	25 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	506.64	235.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*141.26*	
26 05 46 00-0243	EA	40 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	600.51	235.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*169.42*	
26 05 46 00-0244	EA	100 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	415.80	235.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.01*	
26 05 46 00-0245	EA	200 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	509.97	235.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*141.26*	
26 05 46 00-0246	EA	15 A 17.1 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	412.47	188.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.01*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0247		**Accessories** *(26 05 46 00-0229)*		
26 05 46 00-0248	EA	Hot Line Clamp	57.02	21.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.12*	
26 05 46 00-0249	EA	Stirrup	60.07	21.19
26 05 46 00-0250		**Loadbreak Current Limiting Primary Fuse Cutouts** *(26 05 46 00-0228)*		
		Note: Includes fuse, cutout switch, crossarm mounting bracket and fuse holder.		
26 05 46 00-0251		**8.3 KV-95 KV BIL Loadbreak Current Limiting** *(26 05 46 00-0250)*		
26 05 46 00-0252	EA	15 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	528.04	235.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.01*	
26 05 46 00-0253	EA	25 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	622.21	235.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*141.26*	
26 05 46 00-0254	EA	40 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	716.08	235.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*169.42*	
26 05 46 00-0255	EA	100 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	730.51	235.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*169.52*	
26 05 46 00-0256	EA	200 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	730.51	235.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*169.52*	
26 05 46 00-0257		**17.1 KV-95 KV BIL Loadbreak Current Limiting** *(26 05 46 00-0250)*		
26 05 46 00-0258	EA	15 A Primary Fuse Cutout 17.1 KV - 95 KV Loadbreak Current Limiting	528.04	188.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.01*	
26 05 46 00-0259		**17.1 KV-125 KV BIL Loadbreak Current Limiting** *(26 05 46 00-0250)*		
26 05 46 00-0260	EA	15 A Primary Fuse Cutout 17.1 KV - 125 KV Loadbreak Current Limiting	528.04	188.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.01*	
26 05 46 00-0261		**Fuseholders** *(26 05 46 00-0250)*		
		Note: Includes current limiting fuses.		
26 05 46 00-0262	EA	15 A, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	415.91	235.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.01*	
26 05 46 00-0263	EA	25 A, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	510.08	235.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*141.26*	
26 05 46 00-0264	EA	40 A, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	603.95	235.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*169.42*	
26 05 46 00-0265	EA	15 A, 17.1 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	415.91	235.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.01*	
26 05 46 00-0266		**Pole Mounted Capacitors** *(26 05 46 00-0250)*		
26 05 46 00-0267	EA	Capacitors - Pole Mounted 6 KVAR	807.10	189.85
26 05 46 00-0268		**Pole Structure Assemblies** *(26 05 46 00-0228)*		
26 05 46 00-0269		**5 KV Pole Structure Assemblies** *(26 05 46 00-0268)*		
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 05 46 00-0270	EA	Type OH-1, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	370.51	178.93
26 05 46 00-0271	EA	Type OH-2, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	620.95	301.36
26 05 46 00-0272	EA	Type OH-3, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	608.67	235.44
26 05 46 00-0273	EA	Type OH-4, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	332.05	122.42
26 05 46 00-0274	EA	Type OH-5, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	436.77	169.52
26 05 46 00-0275	EA	Type OH-6, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	804.76	339.03
26 05 46 00-0276	EA	Type OH-7, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	618.94	254.27
26 05 46 00-0277	EA	Type OH-8, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,179.36	508.55
26 05 46 00-0278	EA	Type OH-9, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,332.75	574.47
26 05 46 00-0279	EA	Type OH-10, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	702.84	282.52
26 05 46 00-0280	EA	Type OH-11, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	651.22	301.36
26 05 46 00-0281	EA	Type OH-12, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,267.26	612.13
26 05 46 00-0282	EA	Type OH-13, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	875.63	367.28
26 05 46 00-0283	EA	Type OH-14, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	576.85	263.69
26 05 46 00-0284	EA	Type OH-15, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,128.71	536.80
26 05 46 00-0285	EA	Type OH-16, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	797.99	273.11
26 05 46 00-0286		**15 KV Pole Structure Assemblies** *(26 05 46 00-0268)*		
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 05 46 00-0287	EA	Type OH-1, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	380.14	178.93
26 05 46 00-0288	EA	Type OH-2, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	634.71	301.36
26 05 46 00-0289	EA	Type OH-3, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	655.44	235.44
26 05 46 00-0290	EA	Type OH-4, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	348.56	122.42
26 05 46 00-0291	EA	Type OH-5, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	460.16	160.10
26 05 46 00-0292	EA	Type OH-6, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	851.53	339.03
26 05 46 00-0293	EA	Type OH-7, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	653.34	254.27
26 05 46 00-0294	EA	Type OH-8, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,249.52	508.55
26 05 46 00-0295	EA	Type OH-9, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,427.68	574.47
26 05 46 00-0296	EA	Type OH-10, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	749.61	282.52
26 05 46 00-0297	EA	Type OH-11, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	669.10	301.36
26 05 46 00-0298	EA	Type OH-12, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,285.14	612.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0299	EA	Type OH-13, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	911.40	367.28
26 05 46 00-0300	EA	Type OH-14, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	594.73	254.27
26 05 46 00-0301	EA	Type OH-15, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,146.59	536.80
26 05 46 00-0302	EA	Type OH-16, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	833.76	329.61
26 05 46 00-0303		25 KV Pole Structure Assemblies *(26 05 46 00-0268)*		
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 05 46 00-0304	EA	Type OH-3, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	913.34	282.52
26 05 46 00-0305	EA	Type OH-4, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	530.54	141.26
26 05 46 00-0306	EA	Type OH-5, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	775.37	216.60
26 05 46 00-0307	EA	Type OH-6, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,166.90	442.62
26 05 46 00-0308	EA	Type OH-7, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,023.70	329.61
26 05 46 00-0309	EA	Type OH-8, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,771.83	649.81
26 05 46 00-0310	EA	Type OH-9, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,791.42	734.57
26 05 46 00-0311	EA	Type OH-13, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,188.91	428.50
26 05 46 00-0312	EA	Type OH-16, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,062.44	428.50
26 05 46 00-0313		50 KV Pole Structure Assemblies *(26 05 46 00-0268)*		
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 05 46 00-0314	EA	Type OH-3, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,227.67	386.12
26 05 46 00-0315	EA	Type OH-4, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	653.72	197.77
26 05 46 00-0316	EA	Type OH-5, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	893.36	310.78
26 05 46 00-0317	EA	Type OH-6, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,715.19	630.97
26 05 46 00-0318	EA	Type OH-7, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,304.96	470.87
26 05 46 00-0319	EA	Type OH-8, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,542.51	941.75
26 05 46 00-0320	EA	Type OH-9, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,943.03	1,045.34
26 05 46 00-0321	EA	Type OH-10, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,476.53	508.55
26 05 46 00-0322	EA	Type OH-13, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,561.04	588.59
26 05 46 00-0323	EA	Type OH-16, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,491.79	555.63
26 05 46 00-0324		Overhead To Underground Conversion Structures *(26 05 46 00-0228)*		
		Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination and neutral wire brackets. Excludes pole.		
26 05 46 00-0325		5 KV Structures *(26 05 46 00-0324)*		
		Note: Excludes pole.		
26 05 46 00-0326	EA	(3 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	3,407.30	1,883.50
26 05 46 00-0327	EA	(3 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	3,407.30	1,883.50
26 05 46 00-0328	EA	(4 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	3,407.30	1,883.50
26 05 46 00-0329	EA	(4 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	3,407.30	1,883.50
26 05 46 00-0330		15 KV Structures *(26 05 46 00-0324)*		
		Note: Excludes pole.		
26 05 46 00-0331	EA	(3 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	3,472.03	1,883.50
26 05 46 00-0332	EA	(3 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	3,472.03	1,883.50
26 05 46 00-0333	EA	(4 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	3,472.03	1,883.50
26 05 46 00-0334	EA	(4 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	3,472.03	1,883.50
26 05 46 00-0335		25 KV Structures *(26 05 46 00-0324)*		
		Note: Excludes pole.		
26 05 46 00-0336	EA	(3 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	3,542.65	1,883.50
26 05 46 00-0337	EA	(3 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	3,542.65	1,883.50
26 05 46 00-0338	EA	(4 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	3,542.65	1,883.50
26 05 46 00-0339	EA	(4 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	3,542.65	1,883.50
26 05 46 00-0340		Transformer Stations *(26 05 46 00-0228)*		
		Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination, neutral wire brackets and transformer mounting bracket(s). Excludes pole and transformer.		
26 05 46 00-0341		5 KV Station *(26 05 46 00-0340)*		
26 05 46 00-0342	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole	4,637.98	2,509.99
26 05 46 00-0343	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 5 KV Transformer Station Without Pole	5,209.32	2,824.68
26 05 46 00-0344	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole	5,779.82	3,139.16
26 05 46 00-0345	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 5 KV Transformer Station Without Pole	5,779.82	3,139.16
26 05 46 00-0346	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 5 KV Transformer Station Without Pole	4,637.98	2,509.99
26 05 46 00-0347		15 KV Stations *(26 05 46 00-0340)*		
26 05 46 00-0348	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole	4,702.72	3,139.16
26 05 46 00-0349	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 15 KV Transformer Station Without Pole	5,274.06	2,824.68
26 05 46 00-0350	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole	5,844.55	3,139.16
26 05 46 00-0351	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 15 KV Transformer Station Without Pole	5,844.55	3,139.16
26 05 46 00-0352	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 15 KV Transformer Station Without Pole	4,702.72	2,509.99
26 05 46 00-0353		25 KV Stations *(26 05 46 00-0340)*		
26 05 46 00-0354	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole	4,773.34	2,509.99
26 05 46 00-0355	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 25 KV Transformer Station Without Pole	5,344.68	2,824.68
26 05 46 00-0356	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole	5,915.17	3,139.16

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0357	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 25 KV Transformer Station Without Pole	5,915.17	3,139.16
26 05 46 00-0358	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 25 KV Transformer Station Without Pole	4,773.34	2,509.99

26 05 53 Identification for Electrical Systems *(26 05)*

26 05 53 00-0001 Conduit Markers Pressure-Sensitive *(26 05 53)*

Note: Stick-on, includes arrow tape.

26 05 53 00-0002	EA	1/2" Outside Diameter Pressure Sensitive Marker Stick-on	8.60	
26 05 53 00-0003	EA	3/4" Outside Diameter Pressure Sensitive Marker Stick-on	9.01	
26 05 53 00-0004	EA	1" Outside Diameter Pressure Sensitive Marker Stick-on	9.84	
26 05 53 00-0005	EA	1-1/4" Outside Diameter Pressure Sensitive Marker Stick-on	10.00	
26 05 53 00-0006	EA	1-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	10.16	
26 05 53 00-0007	EA	2" Outside Diameter Pressure Sensitive Marker Stick-on	10.41	
26 05 53 00-0008	EA	2-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	11.84	
26 05 53 00-0009	EA	3" Outside Diameter Pressure Sensitive Marker Stick-on	12.17	
26 05 53 00-0010	EA	3-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	12.41	
26 05 53 00-0011	EA	4" Outside Diameter Pressure Sensitive Marker Stick-on	12.66	
26 05 53 00-0012	EA	4-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	13.18	
26 05 53 00-0013	EA	5" Outside Diameter Pressure Sensitive Marker Stick-on	13.73	
26 05 53 00-0014	EA	6" Outside Diameter Pressure Sensitive Marker Stick-on	14.21	
26 05 53 00-0015	EA	7" Outside Diameter Pressure Sensitive Marker Stick-on	14.71	
26 05 53 00-0016	EA	8" Outside Diameter Pressure Sensitive Marker Stick-on	15.91	
26 05 53 00-0017	EA	10" Outside Diameter Pressure Sensitive Marker Stick-on	16.81	

26 05 53 00-0018 Labeling Electrical Wires *(26 05 53)*

26 05 53 00-0019	EA	Labeling Wire	1.76	

26 05 83 Wiring Connections *(26 05)*

26 05 83 00-0001 Tape Wrapped Compression Connectors *(26 05 83)*

26 05 83 00-0002	EA	#6 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	10.32	3.71
26 05 83 00-0003	EA	#4 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	11.24	4.12
26 05 83 00-0004	EA	#2 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	12.05	4.53
26 05 83 00-0005	EA	1/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	13.79	4.95
26 05 83 00-0006	EA	2/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	14.85	5.36
26 05 83 00-0007	EA	3/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	16.42	5.77
26 05 83 00-0008	EA	4/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	17.57	6.18
26 05 83 00-0009	EA	250 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	19.10	6.59
26 05 83 00-0010	EA	300 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	21.15	7.42
26 05 83 00-0011	EA	350 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	22.23	7.83
26 05 83 00-0012	EA	400 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	24.50	8.25
26 05 83 00-0013	EA	500 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	26.50	8.66
26 05 83 00-0014	EA	750 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	29.52	9.48
26 05 83 00-0015	EA	1000 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	34.11	10.71

26 05 83 00-0016 One Hole Tape Wrapped Compression Lugs *(26 05 83)*

26 05 83 00-0017	EA	#16-14 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts	14.07	10.71
26 05 83 00-0018	EA	#12-10 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts	15.90	11.55
26 05 83 00-0019	EA	#8 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts	19.44	12.78
26 05 83 00-0020	EA	#6 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts	27.44	16.49
26 05 83 00-0021	EA	#4 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts	32.28	16.49
26 05 83 00-0022	EA	#2 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts	37.14	16.49
26 05 83 00-0023	EA	1/0 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts	45.88	24.74
26 05 83 00-0024	EA	2/0 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts	53.89	24.74
26 05 83 00-0025	EA	3/0 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts	63.11	24.74
26 05 83 00-0026	EA	4/0 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts	76.15	32.97
26 05 83 00-0027	EA	250 MCM Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts	90.34	49.47
26 05 83 00-0028	EA	300 MCM Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts	103.32	49.47
26 05 83 00-0029	EA	350 MCM Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts	111.09	49.47
26 05 83 00-0030	EA	400 MCM Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts	120.86	57.71
26 05 83 00-0031	EA	500 MCM Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts	132.08	57.71
26 05 83 00-0032	EA	750 MCM Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts	143.60	65.96
26 05 83 00-0033	EA	1000 MCM Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts	168.10	74.20

26 05 83 00-0034 Tape Wrapped Split Bolt Connectors *(26 05 83)*

26 05 83 00-0035	EA	#8 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	42.88	32.97
26 05 83 00-0036	EA	#6 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	47.16	35.45
26 05 83 00-0037	EA	#4 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	53.73	37.10
26 05 83 00-0038	EA	#2 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	62.19	41.22
26 05 83 00-0039	EA	1/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	73.21	45.34
26 05 83 00-0040	EA	2/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	81.46	49.47
26 05 83 00-0041	EA	3/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	101.59	53.59
26 05 83 00-0042	EA	4/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	108.96	57.71
26 05 83 00-0043	EA	250 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	114.76	61.83
26 05 83 00-0044	EA	300 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	130.03	68.01
26 05 83 00-0045	EA	350 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	145.28	98.93
26 05 83 00-0046	EA	400 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	158.80	82.45
26 05 83 00-0047	EA	500 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	172.32	111.30
26 05 83 00-0048	EA	750 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	189.56	115.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0049	EA	1000 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	212.98	123.67
26 05 83 00-0050		**Cable Termination Lugs Handwrapped, No Stress Cone** *(26 05 83)*		
26 05 83 00-0051	EA	#8 Or #6 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts	58.87	32.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.31*	
26 05 83 00-0052	EA	#4 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts	67.86	32.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.63*	
26 05 83 00-0053	EA	1/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts	94.03	49.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.48*	
26 05 83 00-0054	EA	4/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts	111.63	49.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.71*	
26 05 83 00-0055	EA	300 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts	133.62	61.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.48*	
26 05 83 00-0056	EA	500 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts	184.68	82.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.53*	
26 05 83 00-0057		**Terminal Blocks** *(26 05 83)*		
		Note: Labor excludes wire termination.		
26 05 83 00-0058	EA	Power Distribution Block, 250 MCM 3 Phase Terminal Block, No Labor Wire Termination, 600 V	699.93	305.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*183.21*	
26 05 83 00-0059	EA	#22 To #10 Wire Size, 12 Point, 600 V Terminal Block	163.79	41.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.02*	
26 05 83 00-0060	EA	#8 To #2 Wire Size, 12 Point, 600 V Terminal Block	179.05	41.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.28*	
26 05 83 00-0061		**Two Hole Tape Wrapped Compression Lugs** *(26 05 83)*		
26 05 83 00-0062	EA	#8 AWG Compression Lugs, 2 Hole, Wrapped, Low Voltage, To 600 Volts	28.44	14.01
26 05 83 00-0063	EA	#6 AWG Compression Lugs, 2 Hole, Wrapped, Low Voltage, To 600 Volts	30.47	14.92
26 05 83 00-0064	EA	#4 AWG Compression Lugs, 2 Hole, Wrapped, Low Voltage, To 600 Volts	32.19	14.92
26 05 83 00-0065	EA	#2 AWG Compression Lugs, 2 Hole, Wrapped, Low Voltage, To 600 Volts	37.04	17.15
26 05 83 00-0066	EA	1/0 AWG Compression Lugs, 2 Hole, Wrapped, Low Voltage, To 600 Volts	45.77	21.44
26 05 83 00-0067	EA	2/0 AWG Compression Lugs, 2 Hole, Wrapped, Low Voltage, To 600 Volts	53.78	25.48
26 05 83 00-0068	EA	3/0 AWG Compression Lugs, 2 Hole, Wrapped, Low Voltage, To 600 Volts	62.98	29.85
26 05 83 00-0069	EA	4/0 AWG Compression Lugs, 2 Hole, Wrapped, Low Voltage, To 600 Volts	76.01	36.19
26 05 83 00-0070	EA	250 MCM Compression Lugs, 2 Hole, Wrapped, Low Voltage, To 600 Volts	90.17	42.96
26 05 83 00-0071	EA	300 MCM Compression Lugs, 2 Hole, Wrapped, Low Voltage, To 600 Volts	103.13	49.05
26 05 83 00-0072	EA	350 MCM Compression Lugs, 2 Hole, Wrapped, Low Voltage, To 600 Volts	110.89	52.85
26 05 83 00-0073	EA	400 MCM Compression Lugs, 2 Hole, Wrapped, Low Voltage, To 600 Volts	120.62	57.22
26 05 83 00-0074	EA	500 MCM Compression Lugs, 2 Hole, Wrapped, Low Voltage, To 600 Volts	131.81	62.49
26 05 83 00-0075	EA	750 MCM Compression Lugs, 2 Hole, Wrapped, Low Voltage, To 600 Volts	143.85	67.77
26 05 83 00-0076	EA	1000 MCM Compression Lugs, 2 Hole, Wrapped, Low Voltage, To 600 Volts	177.39	82.45
26 05 83 00-0077		**Parallel Gutter Tap Or Motor Connection** *(26 05 83)*		
26 05 83 00-0078	EA	#8 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	28.43	14.92
26 05 83 00-0079	EA	#6 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	30.47	14.92
26 05 83 00-0080	EA	#4 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	32.19	14.92
26 05 83 00-0081	EA	#2 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	37.04	17.15
26 05 83 00-0082	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	45.77	21.44
26 05 83 00-0083	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	53.78	25.48
26 05 83 00-0084	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	62.98	29.85
26 05 83 00-0085	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	76.01	36.19
26 05 83 00-0086	EA	250 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	90.17	42.96
26 05 83 00-0087	EA	300 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	103.13	49.05
26 05 83 00-0088	EA	350 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	110.89	52.85
26 05 83 00-0089	EA	400 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	120.62	57.22
26 05 83 00-0090	EA	500 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	131.81	62.49
26 05 83 00-0091	EA	750 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	132.05	62.49
26 05 83 00-0092	EA	#8 AWG Parallel Gutter Tap, Versitap, Insulating Cover	28.43	14.92
26 05 83 00-0093	EA	#6 AWG Parallel Gutter Tap, Versitap, Insulating Cover	30.47	14.92
26 05 83 00-0094	EA	#4 AWG Parallel Gutter Tap, Versitap, Insulating Cover	32.19	14.92
26 05 83 00-0095	EA	#2 AWG Parallel Gutter Tap, Versitap, Insulating Cover	37.04	17.15
26 05 83 00-0096	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	45.77	21.44
26 05 83 00-0097	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	53.78	25.48
26 05 83 00-0098	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	62.98	29.85
26 05 83 00-0099	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	76.01	36.19
26 05 83 00-0100	EA	250 MCM Parallel Gutter Tap, Versitap, Insulating Cover	90.17	42.96
26 05 83 00-0101	EA	300 MCM Parallel Gutter Tap, Versitap, Insulating Cover	103.13	49.05
26 05 83 00-0102	EA	350 MCM Parallel Gutter Tap, Versitap, Insulating Cover	110.89	52.85
26 05 83 00-0103	EA	400 MCM Parallel Gutter Tap, Versitap, Insulating Cover	120.62	57.22
26 05 83 00-0104	EA	500 MCM Parallel Gutter Tap, Versitap, Insulating Cover	131.81	62.49
26 05 83 00-0105	EA	750 MCM Parallel Gutter Tap, Versitap, Insulating Cover	132.05	62.49
26 05 83 00-0106		**Copper Mechanical Lugs** *(26 05 83)*		
26 05 83 00-0107	EA	#8 Copper Mechanical Lugs	22.73	10.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 05 83 00-0108	EA	#6 Copper Mechanical Lugs	27.31	12.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.47*	
26 05 83 00-0109	EA	#4 Copper Mechanical Lugs	31.57	14.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	
26 05 83 00-0110	EA	#2 Copper Mechanical Lugs	41.08	18.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0111	EA	1/0 Copper Mechanical Lugs	55.30	24.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 05 83 00-0112	EA	2/0 Copper Mechanical Lugs	65.56	28.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 05 83 00-0113	EA	3/0 Copper Mechanical Lugs	76.35	32.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 05 83 00-0114	EA	4/0 Copper Mechanical Lugs	86.64	37.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.19*	
26 05 83 00-0115	EA	250 MCM Copper Mechanical Lugs	98.66	41.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 05 83 00-0116	EA	300 MCM Copper Mechanical Lugs	110.46	45.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.22*	
26 05 83 00-0117	EA	350 MCM Copper Mechanical Lugs	122.23	49.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.68*	
26 05 83 00-0118	EA	400 MCM Copper Mechanical Lugs	133.90	53.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.13*	
26 05 83 00-0119	EA	500 MCM Copper Mechanical Lugs	145.79	57.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.63*	
26 05 83 00-0120	EA	750 MCM Copper Mechanical Lugs	165.40	65.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.45*	
26 05 83 00-0121	EA	1000 MCM Copper Mechanical Lugs	187.14	74.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.52*	

26 05 83 00-0122 Gel Connectors *(26 05 83)*

26 05 83 00-0123	EA	3 Port, #14 to 2/0, Push On Gel Stub Splice Kit Note: Kit contains connector, gel filled cap and cap clamp.	34.80	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 05 83 00-0124	EA	4 Port, #14 to 2, Gel Tap Splice Kit	34.12	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.97*	

26 05 83 00-0125 Other Connections *(26 05 83)*

26 05 83 00-0126	EA	#14 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	8.04	3.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.26*	
26 05 83 00-0127	EA	#12 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	8.09	3.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.26*	
26 05 83 00-0128	EA	#10 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	8.14	3.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.26*	

26 05 83 00-0129 Motor/Equipment Connections And Terminations *(26 05 83)*

Note: Includes rotation testing. If equipment rating is other than horsepower (KW, CFM, tons, Btu/Hr, etc.) convert units to horsepower and select proper circuit characteristics. Includes material conduit (6 LF max.), connectors and conductors. To connect electrical wiring to all new or existing equipment motors.

26 05 83 00-0130 AC Single Phase, 230 Volt *(26 05 83 00-0129)*

26 05 83 00-0131	EA	<1/2 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	47.67	20.61
26 05 83 00-0132	EA	1/2 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	47.45	20.61
26 05 83 00-0133	EA	3/4 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	55.96	24.74
26 05 83 00-0134	EA	1 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	68.81	30.92
26 05 83 00-0135	EA	1-1/2 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	69.24	30.92
26 05 83 00-0136	EA	2 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	69.33	30.92
26 05 83 00-0137	EA	3 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	70.76	30.92
26 05 83 00-0138	EA	5 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	91.54	41.22
26 05 83 00-0139	EA	7-1/2 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	93.14	41.22
26 05 83 00-0140	EA	10 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	117.34	51.53

26 05 83 00-0141 AC Three Phase, 230 Volt *(26 05 83 00-0129)*

26 05 83 00-0142	EA	1/2 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	47.45	20.61
26 05 83 00-0143	EA	3/4 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	55.96	24.74
26 05 83 00-0144	EA	1 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	68.81	30.92
26 05 83 00-0145	EA	1-1/2 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	69.24	30.92
26 05 83 00-0146	EA	2 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	69.33	30.92
26 05 83 00-0147	EA	3 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	70.76	30.92
26 05 83 00-0148	EA	5 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	91.54	41.22
26 05 83 00-0149	EA	7-1/2 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	93.14	41.22
26 05 83 00-0150	EA	10 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	117.34	51.53
26 05 83 00-0151	EA	15 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	119.50	51.53
26 05 83 00-0152	EA	20 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	148.65	61.83
26 05 83 00-0153	EA	25 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	151.94	61.83
26 05 83 00-0154	EA	30 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	206.02	82.45
26 05 83 00-0155	EA	40 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	258.06	103.05
26 05 83 00-0156	EA	50 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	305.62	123.67
26 05 83 00-0157	EA	60 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	361.80	144.27
26 05 83 00-0158	EA	75 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	415.24	164.89
26 05 83 00-0159	EA	100 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	516.35	206.11
26 05 83 00-0160	EA	125 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	611.04	245.27
26 05 83 00-0161	EA	150 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	720.76	286.08
26 05 83 00-0162	EA	200 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	1,041.43	429.05

26 05 83 00-0163 AC Three Phase, 460 Volt *(26 05 83 00-0129)*

26 05 83 00-0164	EA	1/2 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	47.45	20.61
26 05 83 00-0165	EA	3/4 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	55.96	24.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0166	EA	1 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	68.81	30.92
26 05 83 00-0167	EA	1-1/2 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	69.24	30.92
26 05 83 00-0168	EA	2 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	69.33	30.92
26 05 83 00-0169	EA	3 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	70.76	30.92
26 05 83 00-0170	EA	5 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	91.54	41.22
26 05 83 00-0171	EA	7-1/2 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	93.14	41.22
26 05 83 00-0172	EA	10 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	117.34	51.53
26 05 83 00-0173	EA	15 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	119.50	51.53
26 05 83 00-0174	EA	20 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	148.65	61.83
26 05 83 00-0175	EA	25 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	151.94	61.83
26 05 83 00-0176	EA	30 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	206.02	82.45
26 05 83 00-0177	EA	40 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	258.31	103.22
26 05 83 00-0178	EA	50 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	305.62	123.67
26 05 83 00-0179	EA	60 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	361.80	144.27
26 05 83 00-0180	EA	75 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	415.24	164.89
26 05 83 00-0181	EA	100 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	516.35	206.11
26 05 83 00-0182	EA	125 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	611.27	245.35
26 05 83 00-0183	EA	150 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	721.08	286.25
26 05 83 00-0184	EA	200 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	1,042.14	429.38

26 05 83 00-0185 AC Single Phase, 120 Volt *(26 05 83 00-0129)*

26 05 83 00-0186	EA	1/2 HP AC And Less Single Phase, 120 V Motor/Equipment, Connection, Termination And Rotation Testing	47.67	20.61

26 05 83 00-0187 Motor Moisture Sensor *(26 05 83 00-0129)*

26 05 83 00-0188	EA	Motor Moisture Sensor Located In Winding	263.81	

26 09 Instrumentation and Control for Electrical Systems *(26)*

Note: Includes testing of new devices and certification.

26 09 23 Lighting Control Devices *(26 09)*

26 09 23 00-0001 Lighting Contactor *(26 09 23)*

Note: 600 Volt class. Ampere ratings at 120 V, 240 V or 480 V.

26 09 23 00-0002 Electrically Held *(26 09 23 00-0001)*

26 09 23 00-0003 2-Pole With NEMA I Enclosure *(26 09 23 00-0002)*

26 09 23 00-0004	EA	Lighting Contactor, 2-Pole, 20 Amp Electrically Held, NEMA 1, 600 Volt Class	296.51	85.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.53*	
26 09 23 00-0005	EA	Lighting Contactor, 2-Pole, 30 Amp Electrically Held, NEMA 1, 600 Volt Class	389.64	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.41*	
26 09 23 00-0006	EA	Lighting Contactor, 2-Pole, 60 Amp Electrically Held, NEMA 1, 600 Volt Class	614.95	124.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.34*	
26 09 23 00-0007	EA	Lighting Contactor, 2-Pole, 100 Amp Electrically Held, NEMA 1, 600 Volt Class	892.47	149.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.61*	
26 09 23 00-0008	EA	Lighting Contactor, 2-Pole, 200 Amp Electrically Held, NEMA 1, 600 Volt Class	1,857.55	229.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*137.41*	

26 09 23 00-0009 3-Pole With NEMA I Enclosure *(26 09 23 00-0002)*

26 09 23 00-0010	EA	Lighting Contactor, 3-Pole, 30 Amp Electrically Held, NEMA 1, 600 Volt Class	427.75	117.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.07*	
26 09 23 00-0011	EA	Lighting Contactor, 3-Pole, 60 Amp Electrically Held, NEMA 1, 600 Volt Class	680.40	149.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.61*	
26 09 23 00-0012	EA	Lighting Contactor, 3-Pole, 100 Amp Electrically Held, NEMA 1, 600 Volt Class	979.66	171.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.06*	
26 09 23 00-0013	EA	Lighting Contactor, 3-Pole, 200 Amp Electrically Held, NEMA 1, 600 Volt Class	1,940.53	263.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.55*	

26 09 23 00-0014 4-Pole With NEMA I Enclosure *(26 09 23 00-0002)*

26 09 23 00-0015	EA	Lighting Contactor, 4-Pole, 30 Amp Electrically Held, NEMA 1, 600 Volt Class	487.71	124.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.34*	
26 09 23 00-0016	EA	Lighting Contactor, 4-Pole, 60 Amp Electrically Held, NEMA 1, 600 Volt Class	820.63	171.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.06*	
26 09 23 00-0017	EA	Lighting Contactor, 4-Pole, 100 Amp Electrically Held, NEMA 1, 600 Volt Class	1,166.27	190.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.51*	
26 09 23 00-0018	EA	Lighting Contactor, 4-Pole, 200 Amp Electrically Held, NEMA 1, 600 Volt Class	2,565.79	286.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*171.76*	

26 09 23 00-0019 Mechanically Held *(26 09 23 00-0001)*

26 09 23 00-0020 2-Pole With NEMA I Enclosure *(26 09 23 00-0019)*

26 09 23 00-0021	EA	Lighting Contactor, 2-Pole, 30 Amp Mechanically Held, NEMA 1, 600 Volt Class	509.92	117.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.07*	
26 09 23 00-0022	EA	Lighting Contactor, 2-Pole, 60 Amp Mechanically Held, NEMA 1, 600 Volt Class	837.59	143.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*85.88*	
26 09 23 00-0023	EA	Lighting Contactor, 2-Pole, 100 Amp Mechanically Held, NEMA 1, 600 Volt Class	1,101.14	163.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.15*	
26 09 23 00-0024	EA	Lighting Contactor, 2-Pole, 200 Amp Mechanically Held, NEMA 1, 600 Volt Class	2,511.15	263.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0025		3-Pole With NEMA I Enclosure *(26 09 23 00-0019)*		
26 09 23 00-0026	EA	Lighting Contactor, 3-Pole, 30 Amp Mechanically Held, NEMA 1, 600 Volt Class	525.83	117.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.07*	
26 09 23 00-0027	EA	Lighting Contactor, 3-Pole, 60 Amp Mechanically Held, NEMA 1, 600 Volt Class	899.70	143.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.15*	
26 09 23 00-0028	EA	Lighting Contactor, 3-Pole, 100 Amp Mechanically Held, NEMA 1, 600 Volt Class	1,198.07	190.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.51*	
26 09 23 00-0029	EA	Lighting Contactor, 3-Pole, 200 Amp Mechanically Held, NEMA 1, 600 Volt Class	2,809.64	286.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*171.76*	
26 09 23 00-0030		4-Pole With NEMA I Enclosure *(26 09 23 00-0019)*		
26 09 23 00-0031	EA	Lighting Contactor, 4-Pole, 30 Amp Mechanically Held, NEMA 1, 600 Volt Class	591.08	143.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*85.88*	
26 09 23 00-0032	EA	Lighting Contactor, 4-Pole, 60 Amp Mechanically Held, NEMA 1, 600 Volt Class	1,060.24	190.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.51*	
26 09 23 00-0033	EA	Lighting Contactor, 4-Pole, 100 Amp Mechanically Held, NEMA 1, 600 Volt Class	1,404.84	215.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*128.82*	
26 09 23 00-0034	EA	Lighting Contactor, 4-Pole, 200 Amp Mechanically Held, NEMA 1, 600 Volt Class	3,422.47	342.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*206.12*	
26 09 23 00-0035		Photo-Cell, Relay, Lighting Arrester, Receptacle And Bracket *(26 09 23)*		
26 09 23 00-0036	EA	Photo-Cell, 105-130 Volt Relay, Lighting Arrester, Receptacle And Bracket	86.36	21.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.88*	
26 09 23 00-0037	EA	Photo-Cell, 105-285 Volt Relay, Lighting Arrester, Receptacle And Bracket	93.55	21.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.88*	
26 09 23 00-0038		Dimming Lighting Control *(26 09 23)*		
26 09 23 00-0039	EA	120 V, 2000 W, Dimming Control Module , "Hi-Power"	523.94	82.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 09 23 00-0040	EA	277 V, 2000 W, Dimming Control Module , "Hi-Power"	523.94	82.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 09 23 00-0041	EA	120 V, 4000 W, Dimming Control Module , "Hi-Power"	703.47	82.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 09 23 00-0042	EA	277 V, 4000 W, Dimming Control Module , "Hi-Power"	703.47	82.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 09 23 00-0043	EA	120 V, 6000 W, Dimming Control Module , "Hi-Power"	882.99	82.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 09 23 00-0044	EA	277 V, 6000 W, Dimming Control Module , "Hi-Power"	882.99	82.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 09 23 00-0045	EA	Multi-Location, Wall Box Dimmer Interface/Controller, Micro-Watt	444.95	82.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 09 23 00-0046	EA	Lighting Control Console	1,180.86	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 09 23 00-0047		Light Control Panels *(26 09 23)*		
26 09 23 00-0048		Power Filters *(26 09 23 00-0047)*		
26 09 23 00-0049	EA	600 Amp 480/277 V 4 Conductor Power Filter With 80" X 60" X 17"	22,916.73	687.02
26 09 23 00-0050	EA	200 Amp 480/277 V 4 Conductor Power Filter With 25" X 40" X 17"	13,523.01	298.70
26 09 23 00-0051		Signal Filters *(26 09 23 00-0047)*		
26 09 23 00-0052	EA	0.5 Amp 125 V 500 Conductor Signal Filter With 19" X 36-3/4" X 19-1/8 Case	10,584.32	624.61
26 09 23 00-0053	EA	0.5 Amp 125 V 200 Conductor Signal Filter With 29" X 40" X 11" Case	7,226.18	381.72
26 09 23 00-0054	EA	0.5 Amp 125 V 3 Pair Conductor Signal Filter With 12" X 12" X 4" Case	4,033.70	221.61
26 09 23 00-0055	EA	5 Amp 24 V DC 5 V 2 - 1 Pair Conductor Signal Filter With Case	5,469.88	221.61
26 09 23 00-0056		Radio Controlled Devices (Lutron) *(26 09 23)*		
26 09 23 00-0057		Tabletop Transmitters For Radio Controlled Devices *(26 09 23 00-0056)*		
26 09 23 00-0058		Switched Lighting Controls, Tabletop Wireless Transmitter *(26 09 23 00-0057)*		
26 09 23 00-0059	EA	One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-SW-B-WH)	253.06	12.39
26 09 23 00-0060	EA	Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2SW-B-WH)	327.44	12.39
26 09 23 00-0061	EA	Three Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3SW-B-WH)	411.11	12.39
26 09 23 00-0062		Dimmable Lighting Controls, Tabletop Wireless Transmitter *(26 09 23 00-0057)*		
26 09 23 00-0063	EA	One Zone Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-B-WH)	253.06	12.39
26 09 23 00-0064	EA	Two Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-B-WH)	299.55	12.39
26 09 23 00-0065	EA	Three Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-B-WH)	411.11	12.39
26 09 23 00-0066	EA	One Zone Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-WH)	253.06	12.39
26 09 23 00-0067	EA	Two Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-WH)	327.44	12.39
26 09 23 00-0068	EA	Three Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-WH)	411.11	12.39
26 09 23 00-0069		Dimmable And Switched Lighting Controls, Tabletop Wireless Transmitter *(26 09 23 00-0057)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0070	EA	One Zone Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LSW-B-WH)	327.44	12.39
26 09 23 00-0071	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LSW-B-WH)	411.11	12.39
26 09 23 00-0072	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2SW-B-WH)	411.11	12.39
26 09 23 00-0073		**Dimmable Lighting Controls And Shade Or Projection Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0057)*		
26 09 23 00-0074	EA	One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-C3-B-WH)	253.06	12.39
26 09 23 00-0075	EA	Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2C3-B-WH)	327.44	12.39
26 09 23 00-0076	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC2-B-WH)	299.55	12.39
26 09 23 00-0077	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC2-B-WH)	364.63	12.39
26 09 23 00-0078	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC3-B-WH)	327.44	12.39
26 09 23 00-0079	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC3-B-WH)	392.52	12.39
26 09 23 00-0080	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2C3-B-WH)	327.44	12.39
26 09 23 00-0081		**Dimmable Lighting Controls And Sivoia QED Shade Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0057)*		
26 09 23 00-0082	EA	One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-Q-B-WH)	253.06	12.39
26 09 23 00-0083	EA	Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2Q-B-WH)	327.44	12.39
26 09 23 00-0084	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQ-B-WH)	327.44	12.39
26 09 23 00-0085	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LQ-B-WH)	411.11	12.39
26 09 23 00-0086	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2Q-B-WH)	327.44	12.39
26 09 23 00-0087	EA	One Zone Of Dimmable Lighting Controls, One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, One Zone Of Output Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQC2-B-WH)	411.11	12.39
26 09 23 00-0088		**Output Switch Closure Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0057)*		
26 09 23 00-0089	EA	Five Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5-WH)	253.06	12.39
26 09 23 00-0090	EA	Nine Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5C4-WH)	327.44	12.39
26 09 23 00-0091	EA	Thirteen Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C52C4-WH)	411.11	12.39
26 09 23 00-0092		**Accessories For Tabletop Wireless Transmitter** *(26 09 23 00-0057)*		
26 09 23 00-0093	EA	Security Mounting Brackets For Tabletop Wireless Transmitters (Lutron RTA-SEC-WH)	57.83	12.39
26 09 23 00-0094		**Wall Box Transmitters For Radio Controlled Devices** *(26 09 23 00-0056)*		
26 09 23 00-0095	EA	On/Off Switched Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2BSW-WH)	234.47	12.39
26 09 23 00-0096	EA	Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2B-WH)	253.06	12.39
26 09 23 00-0097	EA	Four Preset Lighting Level And Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-5B-WH)	253.06	12.39
26 09 23 00-0098	EA	Open/Stop/Close Motorized Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C3LB-WH)	253.06	12.39
26 09 23 00-0099	EA	Up/Down Projection Screen Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C2LB-WH)	253.06	12.39
26 09 23 00-0100	EA	Open/Stop/Close Sivoia QED Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-Q3LB-WH)	253.06	12.39
26 09 23 00-0101		**Interfaces For Radio Controlled Devices** *(26 09 23 00-0056)*		
26 09 23 00-0102	EA	Incandescent And Magnetic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	234.47	12.39
26 09 23 00-0103	EA	Lutron Tu-Wire Ballast Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	234.47	12.39
26 09 23 00-0104	EA	Electronic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-ELV-1000)	234.47	12.39
26 09 23 00-0105	EA	Sivoia QED Controllable Window Treatments Contact Closure Interface For Radio Controlled Devices (Lutron SVQ-CCI-8)	470.61	12.39
26 09 23 00-0106	EA	RS-232 Interface For Radio Controlled Devices (Lutron RTA-RS232)	671.42	12.39
26 09 23 00-0107	EA	Switch Closure Input Interface For Radio Controlled (Lutron RTA-SCI)	671.42	12.39
26 09 23 00-0108		**Fluorescent Controllers For Radio Controlled Devices** *(26 09 23 00-0056)*		
26 09 23 00-0109	EA	On/Off Switched Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-SW)	299.55	12.39
26 09 23 00-0110	EA	Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F)	336.74	12.39
26 09 23 00-0111	EA	Switch Closures And Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F-SC)	392.52	12.39
26 09 23 00-0112		**AC Motor Group Controllers For Radio Controlled Devices** *(26 09 23 00-0056)*		
26 09 23 00-0113	EA	Up To Two Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-2M-GC)	439.00	12.39
26 09 23 00-0114	EA	Up To Four Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-4M-GC)	601.70	12.39

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0115		**Occupancy Sensors (Watt Stopper)** *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0116		**Occupancy Sensors** *(26 09 23 00-0115)* Note: Exclude boxes.		
26 09 23 00-0117		**Wall Switch Mounted Occupancy Sensors** *(26 09 23 00-0116)*		
26 09 23 00-0118		**Ultrasonic, Wall Switch Mounted Occupancy Sensors** *(26 09 23 00-0117)*		
26 09 23 00-0119	EA	Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-100)	94.12	8.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 09 23 00-0120	EA	Dual Relay, Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-200)	110.87	8.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 09 23 00-0121		**Passive Infrared, Wall Switch Mounted Occupancy Sensors** *(26 09 23 00-0117)*		
26 09 23 00-0122	EA	Nightlight, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WN-100)	69.42	8.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 09 23 00-0123	EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WS)	69.42	8.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 09 23 00-0124	EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-100)	76.48	8.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 09 23 00-0125	EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WI-200)	90.59	8.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 09 23 00-0126	EA	Dual Relay, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-200)	92.35	8.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 09 23 00-0127	EA	Dimmable, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WD)	94.12	8.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 09 23 00-0128		**Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensors** *(26 09 23 00-0117)*		
26 09 23 00-0129	EA	Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-100)	121.46	8.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 09 23 00-0130	EA	Dual Relay, Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-200)	139.09	8.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 09 23 00-0131		**Wall Switch Mounted Occupancy Sensor Accessories** *(26 09 23 00-0117)*		
26 09 23 00-0132	EA	Single Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	5.19	2.07
26 09 23 00-0133	EA	One Side Blank, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	6.33	2.07
26 09 23 00-0134	EA	Switch Option, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	6.33	2.07
26 09 23 00-0135		**Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0116)*		
26 09 23 00-0136		**Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0135)*		
26 09 23 00-0137		**25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0136)*		
26 09 23 00-0138	EA	500 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-500A)	123.60	18.58
26 09 23 00-0139	EA	1000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-1000A)	142.12	18.58
26 09 23 00-0140	EA	2000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000A)	159.75	18.58
26 09 23 00-0141	EA	90 LF Hallway Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000H)	159.75	18.58
26 09 23 00-0142		**32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0136)*		
26 09 23 00-0143	EA	600 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-605)	131.53	18.58
26 09 23 00-0144	EA	1100 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1105)	149.17	18.58
26 09 23 00-0145	EA	2205 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2205)	166.81	18.58
26 09 23 00-0146	EA	90 LF Hallway Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2255)	166.81	18.58
26 09 23 00-0147		**35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0136)*		
26 09 23 00-0148	EA	600 SF 360 Degree Coverage, Panel Integrating, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WP-605)	128.89	18.58
26 09 23 00-0149	EA	1100 SF 360 Degree Coverage, Panel Integrating, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WP-1105)	146.53	18.58
26 09 23 00-0150	EA	2200 SF 360 Degree Coverage, Panel Integrating, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WP-2205)	164.16	18.58
26 09 23 00-0151	EA	90 LF Hallway Coverage, Panel Integrating, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WP-2255)	164.16	18.58
26 09 23 00-0152	EA	600 SF 360 Degree Coverage, Isolated Relay, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-600)	138.59	18.58
26 09 23 00-0153	EA	1100 SF 360 Degree Coverage, Isolated Relay, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1100)	156.23	18.58
26 09 23 00-0154	EA	2200 SF 360 Degree Coverage, Isolated Relay, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2200)	174.75	18.58
26 09 23 00-0155	EA	90 LF Hallway Coverage, Isolated Relay, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2250)	174.75	18.58
26 09 23 00-0156		**40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0136)*		
26 09 23 00-0157	EA	500 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-1)	138.59	18.58
26 09 23 00-0158	EA	1000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-2)	156.23	18.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0159	EA	2000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-3)	174.75	18.58
26 09 23 00-0160	EA	500 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-1)	131.53	18.58
26 09 23 00-0161	EA	1000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-2)	149.17	18.58
26 09 23 00-0162	EA	2000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-3)	166.81	18.58
26 09 23 00-0163	EA	500 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-1)	131.53	18.58
26 09 23 00-0164	EA	1000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-2)	149.17	18.58
26 09 23 00-0165	EA	2000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-3)	166.81	18.58
26 09 23 00-0166		Passive Infrared, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0135)*		
26 09 23 00-0167	EA	30 Segment, 5 Level Lens, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper WPIR)	102.43	18.58
26 09 23 00-0168	EA	HVAC/BAS, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-12/24)	105.08	18.58
26 09 23 00-0169	EA	Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-205)	116.54	18.58
26 09 23 00-0170	EA	Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-355)	121.83	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0171	EA	Low Profile, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-305)	121.83	18.58
26 09 23 00-0172	EA	Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-200)	133.30	18.58
26 09 23 00-0173	EA	Low Profile, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-300)	136.82	18.58
26 09 23 00-0174		Passive Infrared And Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0135)*		
26 09 23 00-0175	EA	1000 SF 360 Degree Coverage, Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-355)	172.10	18.58
26 09 23 00-0176	EA	1000 SF 360 Degree Coverage, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-300)	190.62	18.58
26 09 23 00-0177	EA	1000 SF 360 Degree Coverage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-305)	190.62	18.58
26 09 23 00-0178		Ceiling/Wall Mounted Occupancy Sensors *(26 09 23 00-0116)*		
26 09 23 00-0179		Passive Infrared, Ceiling/Wall Mounted Occupancy Sensors *(26 09 23 00-0178)*		
26 09 23 00-0180	EA	120 LF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100-1/3)	190.62	18.58
26 09 23 00-0181	EA	2000 SF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100)	190.62	18.58
26 09 23 00-0182		Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensors *(26 09 23 00-0178)*		
26 09 23 00-0183	EA	2000 SF Coverage, Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper DT-200)	190.62	18.58
26 09 23 00-0184		Occupancy Sensor Power Packs *(26 09 23 00-0115)*		
26 09 23 00-0185		Single Voltage, Occupancy Sensor Power Packs *(26 09 23 00-0184)*		
26 09 23 00-0186	EA	220-240 VAC, 20A, Occupancy Sensor Power Pack (Watt Stopper B230E-P)	60.37	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 09 23 00-0187	EA	347 VAC, 15A, Occupancy Sensor Power Pack (Watt Stopper B347D-P)	60.37	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 09 23 00-0188		Auxiliary, Occupancy Sensor Power Packs *(26 09 23 00-0184)*		
26 09 23 00-0189	EA	120, 277 Or 347 VAC, 20 A, Auxiliary Occupancy Sensor Power Pack (Watt Stopper S120/277/347E-P)	55.08	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 09 23 00-0190		Universal Voltage, Power Packs For Occupancy Sensors *(26 09 23 00-0184)*		
26 09 23 00-0191	EA	120/277 VAC, 20A, Dual Voltage, Occupancy Sensor Power Pack (Watt Stopper BZ-100)	67.42	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 09 23 00-0192		Form C, Occupancy Sensor Power Packs *(26 09 23 00-0184)*		
26 09 23 00-0193	EA	120 VAC, Form C, Occupancy Sensor Power Pack (Watt Stopper A120C-P)	65.66	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 09 23 00-0194	EA	277 VAC, Form C, Occupancy Sensor Power Pack (Watt Stopper A277C-P)	65.66	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 09 23 00-0195		Two Relay, Occupancy Sensor Power Packs *(26 09 23 00-0184)*		
26 09 23 00-0196	EA	120 VAC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C120E-P)	80.65	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 09 23 00-0197	EA	277 VAC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C277E-P)	80.65	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 09 23 00-0198		Occupancy Sensor Power Supplies *(26 09 23 00-0184)*		
26 09 23 00-0199	EA	120 VAC, Occupancy Sensor Power Supply (Watt Stopper AT-120)	151.20	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0200	EA	277 VAC, Occupancy Sensor Power Supply (Watt Stopper AT-277)	151.20	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 09 23 00-0201		Intelligent, Occupancy Sensor Power Packs *(26 09 23 00-0184)*		
26 09 23 00-0202	EA	120/277 VAC, Two Relays, Two Dimming Channels, Intelligent Occupancy Sensor Power Pack (Watt Stopper LC-100)	227.05	16.51
26 09 23 00-0203		DIN Rail Mounted, Occupancy Sensor Power Packs *(26 09 23 00-0184)*		
26 09 23 00-0204	EA	120/230/277 VAC, DIN Rail Mounted, Occupancy Sensor Power Pack (Watt Stopper BD-100)	70.07	16.51
26 09 23 00-0205		Occupancy Sensor Accessories *(26 09 23 00-0115)*		
26 09 23 00-0206		Protective Cages For Occupancy Sensors *(26 09 23 00-0205)*		
26 09 23 00-0207	EA	Protective Cage For Occupancy Sensors (Watt Stopper WC)	41.49	6.19
26 09 23 00-0208		Mounting Brackets For Occupancy Sensors *(26 09 23 00-0205)*		
26 09 23 00-0209	EA	Mounting Bracket For Occupancy Sensor (Watt Stopper MB) Note: Includes J-plate for mounting to HID fixtures or L-plate for mounting to fluorescent fixtures, walls, shelves and girders.	32.10	10.32
26 09 23 00-0210		Occupancy/Lighting Logger *(26 09 23 00-0205)* Note: Logs when a space is occupied/vacant and when lighting is on/off.		
26 09 23 00-0211	EA	Occupancy/Lighting Logger With Connector Cable (Watt Stopper IT-200)	309.18	35.10
26 09 23 00-0212		Remove And Reinstall Occupancy Sensors *(26 09 23 00-0205)*		
26 09 23 00-0213	EA	Remove And Reinstall Surface Mounted Occupancy Sensor Note: Includes storing and cleaning.	55.75	
26 09 23 00-0214	EA	Remove And Reinstall Wall Switch Mounted Occupancy Sensor Note: Includes storing and cleaning.	24.78	
26 09 23 00-0215		Digital Time Light Switches *(26 09 23 00-0115)*		
26 09 23 00-0216	EA	Preset Time, Wall Switch Mounted, Digital Time Light Switch (Watt Stopper TS-400)	67.66	8.26
26 09 23 00-0217		Daylight Sensing Light Switches *(26 09 23 00-0115)*		
26 09 23 00-0218	EA	User Adjustable Light Level Settings, Daylight Sensing Light Switch (Watt Stopper LS-100)	90.59	8.26
26 09 23 00-0219		Occupancy Sensors (Sensor Switch) *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0220		Occupancy Sensors (Sensor Switch) *(26 09 23 00-0219)* Note: Exclude boxes		
26 09 23 00-0221		Wall Switch Mount Occupancy Sensors (Sensor Switch) *(26 09 23 00-0220)*		
26 09 23 00-0222		Passive Infrared, Wall Switch Mount Occupancy Sensors (Sensor Switch) *(26 09 23 00-0221)*		
26 09 23 00-0223	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD LV)	99.01	8.26
26 09 23 00-0224	EA	Nightlight, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD NL)	71.51	8.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 09 23 00-0225	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD)	68.49	8.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 09 23 00-0226	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD SA)	68.49	8.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 09 23 00-0227	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD 2P)	85.26	8.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 09 23 00-0228	EA	Single Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS)	85.26	8.26
26 09 23 00-0229	EA	2-Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS 2P)	102.45	8.26
26 09 23 00-0230	EA	Single Pole, Passive Infrared, Internally Powered, Wall Switch Mount Occupancy Sensor (Sensor Switch IPD)	85.26	8.26
26 09 23 00-0231		Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch) *(26 09 23 00-0221)* Note: Includes passive infrared and microphonics detection		
26 09 23 00-0232	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT LV)	126.51	8.26
26 09 23 00-0233	EA	Nightlight, Line Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT NL)	99.01	8.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 09 23 00-0234	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT)	96.95	8.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 09 23 00-0235	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT SA)	96.95	8.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 09 23 00-0236	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT 2P)	112.76	8.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 09 23 00-0237	EA	Single Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT)	112.76	8.26
26 09 23 00-0238	EA	2-Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT 2P)	121.01	8.26

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0239		Wall Switch Mount Occupancy Sensor Accessories (Sensor Switch) *(26 09 23 00-0221)*		
26 09 23 00-0240	EA	One Blank, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX)	9.63	2.07
26 09 23 00-0241	EA	One Switch, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX)	9.63	2.07
26 09 23 00-0242	EA	Two Blanks, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX 3)	17.88	2.07
26 09 23 00-0243	EA	Two Switches, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX 3)	17.88	2.07
26 09 23 00-0244		360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0220)*		
26 09 23 00-0245		Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0244)*		
		Note: One photocell or dimming option per occupancy sensor		
26 09 23 00-0246	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 9)	119.67	18.58
26 09 23 00-0247	EA	Low Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 9)	119.67	18.58
26 09 23 00-0248	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 9)	119.67	18.58
26 09 23 00-0249	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9)	126.55	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0250	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9)	126.55	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0251	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9)	104.55	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0252	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9 2P)	154.05	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0253	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9 2P)	154.05	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0254	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9 2P)	132.05	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0255	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 10)	119.67	18.58
26 09 23 00-0256	EA	Low Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 10)	119.67	18.58
26 09 23 00-0257	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 10)	119.67	18.58
26 09 23 00-0258	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10)	126.55	18.58
26 09 23 00-0259	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10)	126.55	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0260	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10)	104.55	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0261	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10 2P)	154.05	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0262	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10 2P)	154.05	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0263	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10 2P)	132.05	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0264		Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0244)*		
		Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection		
26 09 23 00-0265	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 9)	147.17	18.58
26 09 23 00-0266	EA	Low Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 9)	147.17	18.58
26 09 23 00-0267	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 9)	147.17	18.58
26 09 23 00-0268	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9)	140.29	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0269	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9)	140.29	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0270	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9)	118.29	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0271	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9 2P)	167.79	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0272	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9 2P)	167.79	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0273	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9 2P)	145.79	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0274	EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 10)	147.17	18.58
26 09 23 00-0275	EA	Low Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 10)	147.17	18.58
26 09 23 00-0276	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 10)	147.17	18.58
26 09 23 00-0277	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10)	140.29	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0278	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10)	140.29	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0279	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10)	118.29	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0280	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10 2P)	167.79	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0281	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10 2P)	167.79	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0282	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10 2P)	145.79	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	

26 09 23 00-0283 Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0220)*

26 09 23 00-0284 Passive Infrared, Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0283)*

26 09 23 00-0285	EA	Low Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV 16)	119.67	18.58
26 09 23 00-0286	EA	Low Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HW 13)	133.42	18.58
26 09 23 00-0287	EA	Line Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HWR 13)	160.92	18.58
26 09 23 00-0288	EA	Single Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16)	154.05	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0289	EA	2-Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16 2P)	181.55	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	

26 09 23 00-0290 Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0283)*

Note: Includes passive infrared and microphonics detection

26 09 23 00-0291	EA	Low Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV PDT 16)	147.17	18.58
26 09 23 00-0292	EA	Single Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16)	167.79	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0293	EA	2-Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16 2P)	195.29	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	

26 09 23 00-0294 High Bay Occupancy Sensors (Sensor Switch) *(26 09 23 00-0220)*

26 09 23 00-0295 Passive Infrared, High Bay Occupancy Sensors (Sensor Switch) *(26 09 23 00-0294)*

26 09 23 00-0296	EA	Low Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CM 6)	119.67	18.58
26 09 23 00-0297	EA	Low Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RM 6)	119.67	18.58
26 09 23 00-0298	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMB 6)	119.67	18.58
26 09 23 00-0299	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6)	104.55	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0300	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6)	104.55	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0301	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6)	104.55	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0302	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 2P)	132.05	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0303	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 2P)	132.05	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0304	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 2P)	132.05	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0305	EA	208/240 VAC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 208)	114.17	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0306	EA	208/240 VAC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 208)	114.17	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0307	EA	208/240 VAC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 208)	114.17	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0308	EA	480 VAC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 480)	114.17	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0309	EA	480 VAC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 480)	114.17	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0310	EA	480 VAC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 480)	114.17	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0311	EA	Low Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 50)	133.42	18.58
26 09 23 00-0312	EA	Low Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RM 50)	133.42	18.58
26 09 23 00-0313	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMB 50)	133.42	18.58
26 09 23 00-0314	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 50)	159.55	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0315	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50)	159.55	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0316	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50)	159.55	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0317	EA	2-Pole, Line Voltage, Recessed Mount, Passive Infrared, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 2P)	141.67	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0318	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 2P)	141.67	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0319	EA	208/240 VAC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 208)	121.05	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0320	EA	208/240 VAC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 208)	121.05	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0321	EA	480 VAC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 480)	121.05	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0322	EA	480 VAC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 480)	121.05	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0323	EA	Low Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 10)	133.42	18.58
26 09 23 00-0324	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMB 10)	133.42	18.58
26 09 23 00-0325	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 10)	159.55	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0326	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10)	159.55	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0327	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 2P)	154.05	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0328	EA	480 VAC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 480)	140.29	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0329	EA	208/240 VAC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 208)	140.29	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	

26 09 23 00-0330 Occupancy Sensor Power Packs (Sensor Switch) *(26 09 23 00-0219)*

26 09 23 00-0331	EA	Single Pole, 20 Amp, 120/277 VAC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20)	71.53	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 09 23 00-0332	EA	2-Pole, 20 Amp, 120/277 VAC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20 2P)	99.03	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 09 23 00-0333	EA	Single Pole, 20 Amp, 120/277 VAC, Occupancy Sensor Power Pack Without Relay Circuit Protection (Sensor Switch MP20)	57.78	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 09 23 00-0334	EA	2-Pole, 20 Amp, 120/277 VAC, Occupancy Sensor Slave Pack Without Relay Circuit Protection (Sensor Switch MSP20)	53.65	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 09 23 00-0335	EA	20 Amp, 120/277 VAC, Occupancy Sensor Slave Pack (Sensor Switch SP20)	67.41	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 09 23 00-0336	EA	120/277 VAC, HID Power Pack With 20 Minute Start To High Override (Sensor Switch PP20 SH)	101.78	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 09 23 00-0337	EA	120/277 VAC, 2-Pole, Power Pack With Alternating Relays (Sensor Switch PP 2PAR)	101.78	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 09 23 00-0338	EA	120/277 VAC, Power Pack With Momentary Contacts For Latching Contactors Or Relays (Sensor Switch PP 2PM)	101.78	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0339		Occupancy Sensor Accessories (Sensor Switch) *(26 09 23 00-0219)*		
26 09 23 00-0340		Remove And Reinstall Occupancy Sensors *(26 09 23 00-0339)*		
26 09 23 00-0341	EA	Remove And Reinstall Wall Switch Mounted Occupancy Sensor Note: Includes storing and cleaning.	24.78	
26 09 23 00-0342	EA	Remove And Reinstall Surface Mounted Occupancy Sensor Note: Includes storing and cleaning.	55.75	
26 09 23 00-0343		Daylighting Control (Sensor Switch) *(26 09 23 00-0219)*		
26 09 23 00-0344	EA	Low Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CM PC)	105.92	18.58
26 09 23 00-0345	EA	Low Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RM PC)	105.92	18.58
26 09 23 00-0346	EA	Low Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMB PC)	105.92	18.58
26 09 23 00-0347	EA	Line Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CMR PC)	105.92	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0348	EA	Line Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RMR PC)	105.92	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0349	EA	Line Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMRB PC)	105.92	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0350	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CM ADC)	105.92	18.58
26 09 23 00-0351	EA	Low Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RM ADC)	105.92	18.58
26 09 23 00-0352	EA	Low Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMB ADC)	105.92	18.58
26 09 23 00-0353	EA	Line Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CMR ADC)	105.92	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0354	EA	Line Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RMR ADC)	105.92	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0355	EA	Line Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMRB ADC)	105.92	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0356	EA	Low Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CM PC ADC)	147.17	18.58
26 09 23 00-0357	EA	Low Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RM PC ADC)	147.17	18.58
26 09 23 00-0358	EA	Low Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMB PC ADC)	147.17	18.58
26 09 23 00-0359	EA	Line Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMR PC ADC)	147.17	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0360	EA	Line Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RMR PC ADC)	147.17	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0361	EA	Line Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMRB PC ADC)	147.17	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.15*	
26 09 23 00-0362		Consoles *(26 09 23)*		
26 09 23 00-0363	EA	20" X 24" Oil Tight Console, Counter Mounted	366.22	103.05

26 10 Medium-Voltage Electrical Distribution *(26)*

26 11 Substations *(26 10)*

26 11 13 Primary Unit Substations *(26 11)*

26 11 13 00-0001		"Switchyard" Substation Primary Incoming Section *(26 11 13)*		
26 11 13 00-0002		Outdoor Oil Circuit Breakers "Switchyard" *(26 11 13 00-0001)* Note: Type SP 14.4 thru 69 KV 1200 amp. Frame mounted. Standard equipment		
26 11 13 00-0003	EA	14.4 KV, 500 MVA, Outdoor Oil Circuit Breaker Type SP, 1200 A, "Switchyard" Substation	49,800.17	1,429.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*872.48*	
26 11 13 00-0004	EA	23.0 KV, 750 MVA, Outdoor Oil Circuit Breaker Type SP, 1200 A, "Switchyard" Substation	61,077.92	1,808.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,090.60*	
26 11 13 00-0005	EA	34.5 KV, 1500 MVA, Outdoor Oil Circuit Breaker Type SP, 1200 A, "Switchyard" Substation	69,283.99	1,808.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,090.60*	
26 11 13 00-0006	EA	46 KV, 2500 MVA, Outdoor Oil Circuit Breaker Type SP, 1200 A, "Switchyard" Substation	79,725.88	1,808.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,163.31*	
26 11 13 00-0007	EA	69 KV, 3500 MVA, Outdoor Oil Circuit Breaker Type SP, 1200 A, "Switchyard" Substation	90,435.54	2,228.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,342.28*	
26 11 13 00-0008		Accessories For Outdoor Oil Circuit Breakers *(26 11 13 00-0001)*		
26 11 13 00-0009	EA	Reclosure Relay, Adjustable, 3 Shot, #179	1,324.20	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.26*	
26 11 13 00-0010	EA	Overcurrent Relay, 1 Phase, #51/51N	399.83	109.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.53*	
26 11 13 00-0011	EA	Directional Overcurrent Relay, Three-Phase, Device No. 67	608.57	109.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.18*	
26 11 13 00-0012	EA	Voltage Relay, Under Or Over- Voltage, Device No. 27 Or 59, Three-Phase	480.77	109.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.53*	
26 11 13 00-0013	EA	Differential Relay Package, Complete, Device No. 87	1,798.33	369.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*223.01*	
26 11 13 00-0014		"Switchyard", Substation Transformer Section *(26 11 13)* Note: Standard NEMA design two winding three phase, 60 Hz. oil filled load tap changer 10% Range		
26 11 13 00-0015		14.4 KV Nominal Primary *(26 11 13 00-0014)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0016	EA	1000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	28,450.74	1,429.62
		For 50 Hz Operation, Add	*3,065.10*	
		For Forced Air Cooling, Add	*3,065.10*	
		For External Control Panel, Add	*766.27*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*255.42*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,277.12*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*3,192.81*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*3,831.37*	
26 11 13 00-0017	EA	2000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	32,471.70	1,791.22
		For 50 Hz Operation, Add	*3,460.36*	
		For Forced Air Cooling, Add	*3,460.36*	
		For External Control Panel, Add	*865.09*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*288.36*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,441.82*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*3,604.55*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*4,325.45*	
26 11 13 00-0018	EA	5000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	50,041.05	2,522.84
		For 50 Hz Operation, Add	*5,384.49*	
		For Forced Air Cooling, Add	*5,384.49*	
		For External Control Panel, Add	*1,346.12*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*448.71*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,243.54*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*5,608.85*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*6,730.62*	
26 11 13 00-0019	EA	7500 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	72,717.98	3,037.92
		For 50 Hz Operation, Add	*7,939.87*	
		For Forced Air Cooling, Add	*7,939.87*	
		For External Control Panel, Add	*1,984.97*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*661.66*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,308.28*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*8,270.70*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*9,924.84*	
26 11 13 00-0020	EA	10000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	89,566.62	3,931.43
		For 50 Hz Operation, Add	*9,765.14*	
		For Forced Air Cooling, Add	*9,765.14*	
		For External Control Panel, Add	*2,441.28*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*813.76*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,068.81*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*10,172.02*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*12,206.42*	

26 11 13 00-0021 23 KV Nominal Primary *(26 11 13 00-0014)*

26 11 13 00-0022	EA	1000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	31,732.68	1,934.18
		For 50 Hz Operation, Add	*3,371.68*	
		For External Control Panel, Add	*842.92*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*280.97*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,404.87*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*3,512.17*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*4,214.60*	
		For Forced Air Cooling, Add	*2,247.79*	
26 11 13 00-0023	EA	2000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	36,184.19	1,934.18
		For 50 Hz Operation, Add	*3,815.32*	
		For External Control Panel, Add	*953.83*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*317.94*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,589.72*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*3,974.29*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*4,769.15*	
		For Forced Air Cooling, Add	*2,543.55*	
26 11 13 00-0024	EA	5000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	58,292.60	2,859.22
		For 50 Hz Operation, Add	*6,297.12*	
		For External Control Panel, Add	*1,574.28*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*524.76*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,623.80*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*6,559.51*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*7,871.41*	
		For Forced Air Cooling, Add	*4,198.08*	
26 11 13 00-0025	EA	7500 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	78,158.74	3,931.43
		For 50 Hz Operation, Add	*8,396.19*	
		For External Control Panel, Add	*2,099.05*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*699.68*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,498.41*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*8,746.03*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*10,495.24*	
		For Forced Air Cooling, Add	*5,597.46*	
26 11 13 00-0026	EA	10000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	97,171.89	3,931.43
		For 50 Hz Operation, Add	*10,677.77*	
		For External Control Panel, Add	*2,669.44*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*889.81*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,449.07*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*11,122.68*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*13,347.21*	
		For Forced Air Cooling, Add	*7,118.51*	

26 11 13 00-0027 34.5 KV Nominal Primary *(26 11 13 00-0014)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0028	EA	1000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	39,881.20	2,312.60
		For 50 Hz Operation, Add	*4,258.96*	
		For External Control Panel, Add	*1,064.74*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*354.91*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,774.57*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*4,436.42*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*5,323.70*	
		For Forced Air Cooling, Add	*2,839.31*	
26 11 13 00-0029	EA	2000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	48,173.13	3,616.08
		For 50 Hz Operation, Add	*5,146.24*	
		For External Control Panel, Add	*1,286.56*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*428.85*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,144.27*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*5,360.67*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*6,432.80*	
		For Forced Air Cooling, Add	*3,430.83*	
26 11 13 00-0030	EA	5000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	66,591.87	3,616.08
		For 50 Hz Operation, Add	*7,118.54*	
		For External Control Panel, Add	*1,779.64*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*593.21*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,966.06*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*7,415.15*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*8,898.18*	
		For Forced Air Cooling, Add	*4,745.69*	
26 11 13 00-0031	EA	7500 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	85,763.95	3,842.08
		For 50 Hz Operation, Add	*9,308.82*	
		For External Control Panel, Add	*2,327.20*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*775.73*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,878.67*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*9,696.69*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*11,636.02*	
		For Forced Air Cooling, Add	*6,205.88*	
26 11 13 00-0032	EA	10000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	148,899.41	4,914.28
		For 50 Hz Operation, Add	*16,609.87*	
		For External Control Panel, Add	*4,152.47*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,384.16*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*6,920.78*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*17,301.95*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*20,762.34*	
		For Forced Air Cooling, Add	*11,073.25*	

26 11 13 00-0033 46 KV Nominal Primary *(26 11 13 00-0014)*

26 11 13 00-0034	EA	1000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	61,432.92	2,691.03
		For 50 Hz Operation, Add	*6,737.42*	
		For External Control Panel, Add	*1,684.35*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*561.45*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,807.26*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*7,018.14*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*8,421.77*	
		For Forced Air Cooling, Add	*4,491.61*	
26 11 13 00-0035	EA	2000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	69,469.17	2,691.03
		For 50 Hz Operation, Add	*7,638.31*	
		For External Control Panel, Add	*1,909.58*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*636.53*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,182.63*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*7,956.58*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*9,547.89*	
		For Forced Air Cooling, Add	*5,092.21*	
26 11 13 00-0036	EA	5000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	96,381.68	3,616.08
		For 50 Hz Operation, Add	*10,693.32*	
		For External Control Panel, Add	*2,673.33*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*891.11*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,455.55*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*11,138.87*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*13,366.65*	
		For Forced Air Cooling, Add	*7,128.88*	
26 11 13 00-0037	EA	7500 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	117,561.09	4,914.28
		For 50 Hz Operation, Add	*12,849.27*	
		For External Control Panel, Add	*3,212.32*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,070.77*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*5,353.86*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*13,384.66*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*16,061.59*	
		For Forced Air Cooling, Add	*8,566.18*	
26 11 13 00-0038	EA	10000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	167,959.67	4,914.28
		For 50 Hz Operation, Add	*18,897.10*	
		For External Control Panel, Add	*4,724.28*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,574.76*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*7,873.79*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*19,684.48*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*23,621.38*	
		For Forced Air Cooling, Add	*12,598.07*	

26 11 13 00-0039 69 KV Nominal Primary *(26 11 13 00-0014)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0040	EA	1000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	88,774.09	2,859.22
		For 50 Hz Operation, Add	*9,954.90*	
		For External Control Panel, Add	*2,488.73*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*829.58*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,147.88*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*10,369.69*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*12,443.63*	
		For Forced Air Cooling, Add	*6,636.60*	
26 11 13 00-0041	EA	2000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	101,847.75	3,616.08
		For 50 Hz Operation, Add	*11,349.25*	
		For External Control Panel, Add	*2,837.31*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*945.77*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,728.85*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*11,822.13*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*14,186.56*	
		For Forced Air Cooling, Add	*7,566.16*	
26 11 13 00-0042	EA	5000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	140,487.33	3,616.08
		For 50 Hz Operation, Add	*15,986.00*	
		For External Control Panel, Add	*3,996.50*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,332.17*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*6,660.83*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*16,652.08*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*19,982.49*	
		For Forced Air Cooling, Add	*10,657.33*	
26 11 13 00-0043	EA	7500 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	148,346.40	4,914.28
		For 50 Hz Operation, Add	*16,543.51*	
		For External Control Panel, Add	*4,135.88*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,378.63*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*6,893.13*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*17,232.83*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*20,679.39*	
		For Forced Air Cooling, Add	*11,029.01*	
26 11 13 00-0044	EA	10000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	194,886.01	4,914.28
		For 50 Hz Operation, Add	*22,128.27*	
		For External Control Panel, Add	*5,532.07*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,844.02*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*9,220.11*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*23,050.28*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*27,660.33*	
		For Forced Air Cooling, Add	*14,752.18*	

26 11 13 00-0045 Circuit Breakers Fluarc SF6 13.8 KV *(26 11 13)*

26 11 13 00-0046	EA	1200 A, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	53,611.95	718.27
26 11 13 00-0047	EA	1200 A, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	58,888.78	718.27
26 11 13 00-0048	EA	1200 A, 1000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	67,019.02	892.22
26 11 13 00-0049	EA	2000 A, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	62,581.14	1,072.84
26 11 13 00-0050	EA	2000 A, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	70,552.92	1,072.84
26 11 13 00-0051	EA	2000 A, 1000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	80,482.11	1,246.41
26 11 13 00-0052	EA	3000 A, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	82,917.41	1,424.02
26 11 13 00-0053	EA	3000 A, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	92,842.73	1,424.02
26 11 13 00-0054	EA	3000 A, 1000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	97,272.60	1,599.19

26 11 16 Secondary Unit Substations *(26 11)*

26 11 16 00-0001 Substation Primary Incoming Section *(26 11 16)*

26 11 16 00-0002 Manual Transferring Fused Load Break Switches *(26 11 16 00-0001)*

Note: 15 KV 600 Amp 3 pole 2 position floor mounted. Type, metal compartment includes weatherproofing, fuses, transformer throat, pothead terminations thru 500 MCM, with surge protection. Manual transferring of one line to an alternate incoming line.

26 11 16 00-0003	EA	112.5 Thru 1500 KVA Transformers Load Switch, 600 A, 3 Pole, 2 Position	21,181.29	1,054.76
26 11 16 00-0004	EA	2000 And 2500 KVA Transformers Load Switch, 600 A, 3 Pole, 2 Position	24,370.31	1,054.76

26 11 16 00-0005 Automatic Transferring Fused Load Break Switches *(26 11 16 00-0001)*

Note: Items are equipped with 3 pole - 2 position selector switch for automatic transferring one line to an alternate incoming line.

26 11 16 00-0006	EA	112.5 Thru 1500 KVA Transformers Load Switch, 600 A, 3 Pole, 2 Position Selector Switch	29,885.06	1,054.76
26 11 16 00-0007	EA	2000 And 2500 KVA Transformers Load Switch, 600 A, 3 Pole, 2 Position Selector Switch	31,960.50	1,054.76

26 11 16 00-0008 Accessories For Substation Fused Load Break Switches *(26 11 16 00-0001)*

26 11 16 00-0009	EA	Primary Lightning Arrestors Accessories, Secondary Distribution Section	5,127.58	
26 11 16 00-0010	EA	Key Interlock Accessories, Secondary Distribution Section	499.10	

26 11 16 00-0011 Oil Filled Substation Transformers *(26 11 16)*

Note: 112-1/2 KVA thru 2500 KVA standard NEMA design 3 phase cover mounted manual tap changer, liquid level gauge with alarm contacts, thermometer with alarm contacts, pressure vacuum gauge, automatic control for auxiliary cooling equipment. Weatherproof.

26 11 16 00-0012 Substation, Primary 13.8 KV Secondary 480Y/277 V Or 480 V 60 HZ *(26 11 16 00-0011)*

26 11 16 00-0013	EA	75 KVA, Substation, Secondary 480 Y / 277 V Primary 13.8 KV, Oil Transformer, Weatherproof	9,654.89	588.67
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*593.43*	
		For Control Power Transformer On Fans And Auxiliary, Add	*254.33*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*84.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 00-0014	EA	112.5 KVA, Substation, Secondary 480 Y / 277 V Primary 13.8 KV, Oil Transformer, Weatherproof	13,923.80	630.71
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*886.37*	
		For Control Power Transformer On Fans And Auxiliary, Add	*379.87*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*126.62*	
26 11 16 00-0015	EA	150 KVA, Substation, Secondary 480 Y / 277 V Primary 13.8 KV, Oil Transformer, Weatherproof	15,696.83	672.76
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*1,004.59*	
		For Control Power Transformer On Fans And Auxiliary, Add	*430.54*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*143.51*	
26 11 16 00-0016	EA	225 KVA, Substation, Secondary 480 Y / 277 V Primary 13.8 KV, Oil Transformer, Weatherproof	18,341.03	714.81
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*1,183.80*	
		For Control Power Transformer On Fans And Auxiliary, Add	*507.34*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*169.11*	
26 11 16 00-0017	EA	300 KVA, Substation, Secondary 480 Y / 277 V Primary 13.8 KV, Oil Transformer, Weatherproof	20,203.53	756.86
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*1,308.29*	
		For Control Power Transformer On Fans And Auxiliary, Add	*560.69*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*186.90*	
26 11 16 00-0018	EA	500 KVA, Substation, Secondary 480 Y / 277 V Primary 13.8 KV, Oil Transformer, Weatherproof	21,327.20	798.90
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*1,381.06*	
		For Control Power Transformer On Fans And Auxiliary, Add	*591.88*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*197.29*	
26 11 16 00-0019	EA	750 KVA, Substation, Secondary 480 Y / 277 V Primary 13.8 KV, Oil Transformer, Weatherproof	24,692.96	1,808.03
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*1,610.77*	
		For Control Power Transformer On Fans And Auxiliary, Add	*690.33*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*230.11*	
26 11 16 00-0020	EA	1000 KVA, Substation, Secondary 480 Y / 277 V Primary 13.8 KV, Oil Transformer, Weatherproof	26,358.26	946.07
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*1,712.63*	
		For Control Power Transformer On Fans And Auxiliary, Add	*733.98*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*244.66*	
26 11 16 00-0021	EA	1500 KVA, Substation, Secondary 480 Y / 277 V Primary 13.8 KV, Oil Transformer, Weatherproof	29,403.95	1,009.14
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*1,917.00*	
		For Control Power Transformer On Fans And Auxiliary, Add	*821.57*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*273.86*	
26 11 16 00-0022	EA	2000 KVA, Substation, Secondary 480 Y / 277 V Primary 13.8 KV, Oil Transformer, Weatherproof	33,996.98	1,093.24
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*2,226.74*	
		For Control Power Transformer On Fans And Auxiliary, Add	*954.32*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*318.11*	
26 11 16 00-0023	EA	2500 KVA, Substation, Secondary 480 Y / 277 V Primary 13.8 KV, Oil Transformer, Weatherproof	37,310.75	1,177.33
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*2,446.93*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,048.68*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*349.56*	

26 11 16 00-0024 Substation, Primary 13.8 KV Secondary 208Y/120 V 60 HZ *(26 11 16 00-0011)*

26 11 16 00-0025	EA	75 KVA, Substation, Secondary 208 Y / 120 V Primary 13.8 KV, Oil Transformer, Weatherproof	9,231.96	588.67
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*563.82*	
		For Control Power Transformer On Fans And Auxiliary, Add	*241.64*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*80.55*	
26 11 16 00-0026	EA	112.5 KVA, Substation, Secondary 208 Y / 120 V Primary 13.8 KV, Oil Transformer, Weatherproof	13,786.65	630.71
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*876.77*	
		For Control Power Transformer On Fans And Auxiliary, Add	*375.76*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*125.25*	
26 11 16 00-0027	EA	150 KVA, Substation, Secondary 208 Y / 120 V Primary 13.8 KV, Oil Transformer, Weatherproof	15,687.47	672.76
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*1,003.94*	
		For Control Power Transformer On Fans And Auxiliary, Add	*430.26*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*143.42*	
26 11 16 00-0028	EA	225 KVA, Substation, Secondary 208 Y / 120 V Primary 13.8 KV, Oil Transformer, Weatherproof	18,357.13	714.81
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*1,184.93*	
		For Control Power Transformer On Fans And Auxiliary, Add	*507.83*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*169.28*	
26 11 16 00-0029	EA	300 KVA, Substation, Secondary 208 Y / 120 V Primary 13.8 KV, Oil Transformer, Weatherproof	21,846.95	756.86
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*1,423.33*	
		For Control Power Transformer On Fans And Auxiliary, Add	*610.00*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*203.33*	
26 11 16 00-0030	EA	500 KVA, Substation, Secondary 208 Y / 120 V Primary 13.8 KV, Oil Transformer, Weatherproof	23,373.56	798.90
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*1,524.30*	
		For Control Power Transformer On Fans And Auxiliary, Add	*653.27*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*217.76*	
26 11 16 00-0031	EA	750 KVA, Substation, Secondary 208 Y / 120 V Primary 13.8 KV, Oil Transformer, Weatherproof	25,637.89	840.95
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*1,676.92*	
		For Control Power Transformer On Fans And Auxiliary, Add	*718.68*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*239.56*	
26 11 16 00-0032	EA	1000 KVA, Substation, Secondary 208 Y / 120 V Primary 13.8 KV, Oil Transformer, Weatherproof	27,985.99	946.07
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*1,826.57*	
		For Control Power Transformer On Fans And Auxiliary, Add	*782.82*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*260.94*	
26 11 16 00-0033	EA	1500 KVA, Substation, Secondary 208 Y / 120 V Primary 13.8 KV, Oil Transformer, Weatherproof	31,508.85	1,009.14
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2499 kV And 25% For 2500kV, Add	*2,064.34*	
		For Control Power Transformer On Fans And Auxiliary, Add	*884.72*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*294.91*	

26 11 16 00-0034 Accessories For Oil Filled Substation Transformers *(26 11 16 00-0011)*

26 11 16 00-0035	EA	Sudden Pressure Relay	2,569.52
26 11 16 00-0036	EA	Throats Or Flanges (HV Or LV)	5,101.36
26 11 16 00-0037	EA	Lightning Arrestors (3 - 1 Pole)	3,359.05
26 11 16 00-0038	EA	Single Feeder Switch With Fuses 3 Pole, 2 Position, Open-Close Close) Fuse Type - CLE (80E To 125 X)	18,641.04
26 11 16 00-0039	EA	Oil Fuse Cutout, 15 KV, 200 A, Free Standing Air Filled Terminal Compartment, 15 KV - 200 Amp Cutout	17,440.55

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 00-0040		**Reinforced Concrete Curb With 6" Slab** *(26 11 16 00-0011)* Note: For transformer liquid containment area.		
26 11 16 00-0041	EA	112.5 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,199.76	944.44
26 11 16 00-0042	EA	150 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,199.76	944.44
26 11 16 00-0043	EA	225 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,199.76	944.44
26 11 16 00-0044	EA	300 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,199.76	944.44
26 11 16 00-0045	EA	500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,199.76	944.44
26 11 16 00-0046	EA	750 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,199.76	944.44
26 11 16 00-0047	EA	1000 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,199.76	944.44
26 11 16 00-0048	EA	1500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid	3,733.46	1,088.96
26 11 16 00-0049		**Dry Type Substation Transformer** *(26 11 16)* Note: Standard NEMA design 3 phase - 150 C rise - 60 Hz self-cooled, ventilated.		
26 11 16 00-0050		**Primary 4160V Or 4800V Secondary 208 Y/120 Or 240 V** *(26 11 16 00-0049)* Note: Primary 4160V or 4800V (delta or wye).		
26 11 16 00-0051	EA	112.5 KVA, Substation, Secondary 208 Y / 120 V Or 240 V, Primary 4160 Or 4800 V, Dry Transformer	16,648.21	672.76
		For Gas Filled Transformers, Add	*9,181.61*	
		For Single Phase Transformers, Deduct	*-382.57*	
		For Dry Type Unit, Add	*3,501.14*	
26 11 16 00-0052	EA	150 KVA, Substation, Secondary 208 Y / 120 V Or 240 V, Primary 4160 Or 4800 V, Dry Transformer	16,732.31	714.81
		For Gas Filled Transformers, Add	*9,181.61*	
		For Single Phase Transformers, Deduct	*-382.57*	
		For Dry Type Unit, Add	*3,509.55*	
26 11 16 00-0053	EA	225 KVA, Substation, Secondary 208 Y / 120 V Or 240 V, Primary 4160 Or 4800 V, Dry Transformer	17,183.91	840.95
		For Gas Filled Transformers, Add	*9,301.21*	
		For Single Phase Transformers, Deduct	*-387.55*	
		For Dry Type Unit, Add	*3,578.63*	
26 11 16 00-0054	EA	300 KVA, Substation, Secondary 208 Y / 120 V Or 240 V, Primary 4160 Or 4800 V, Dry Transformer	18,963.98	925.05
		For Gas Filled Transformers, Add	*10,268.34*	
		For Single Phase Transformers, Deduct	*-427.85*	
		For Dry Type Unit, Add	*3,950.07*	
26 11 16 00-0055	EA	500 KVA, Substation, Secondary 208 Y / 120 V Or 240 V, Primary 4160 Or 4800 V, Dry Transformer	21,102.15	1,093.24
		For Gas Filled Transformers, Add	*11,349.41*	
		For Single Phase Transformers, Deduct	*-472.89*	
		For Dry Type Unit, Add	*4,380.10*	
26 11 16 00-0056	EA	750 KVA, Substation, Secondary 208 Y / 120 V Or 240 V, Primary 4160 Or 4800 V, Dry Transformer	24,444.14	1,261.43
		For Gas Filled Transformers, Add	*13,152.78*	
		For Single Phase Transformers, Deduct	*-548.03*	
		For Dry Type Unit, Add	*5,074.97*	
26 11 16 00-0057	EA	1000 KVA, Substation, Secondary 208 Y / 120 V Or 240 V, Primary 4160 Or 4800 V, Dry Transformer	28,420.46	1,513.71
		For Gas Filled Transformers, Add	*15,235.83*	
		For Single Phase Transformers, Deduct	*-634.83*	
		For Dry Type Unit, Add	*5,889.21*	
26 11 16 00-0058	EA	1500 KVA, Substation, Secondary 208 Y / 120 V Or 240 V, Primary 4160 Or 4800 V, Dry Transformer	33,506.16	1,681.89
		For Gas Filled Transformers, Add	*18,085.42*	
		For Single Phase Transformers, Deduct	*-753.56*	
		For Dry Type Unit, Add	*6,967.70*	
26 11 16 00-0059	EA	2000 KVA, Substation, Secondary 208 Y / 120 V Or 240 V, Primary 4160 Or 4800 V, Dry Transformer	43,083.55	1,765.99
		For Gas Filled Transformers, Add	*23,730.94*	
		For Single Phase Transformers, Deduct	*-988.79*	
		For Dry Type Unit, Add	*9,054.54*	
26 11 16 00-0060		**Primary 4160V Or 4800V Secondary 480 Y/277 Or 480 V** *(26 11 16 00-0049)* Note: Primary 4160V or 4800V (delta or wye).		
26 11 16 00-0061	EA	112.5 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 4160 Or 4800 V, Dry Transformer	16,105.16	672.76
		For Gas Filled Transformers, Add	*8,855.78*	
		For Single Phase Transformers, Deduct	*-368.99*	
		For Dry Type Unit, Add	*3,381.67*	
26 11 16 00-0062	EA	150 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 4160 Or 4800 V, Dry Transformer	16,732.31	714.81
		For Gas Filled Transformers, Add	*9,181.61*	
		For Single Phase Transformers, Deduct	*-382.57*	
		For Dry Type Unit, Add	*3,509.55*	
26 11 16 00-0063	EA	225 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 4160 Or 4800 V, Dry Transformer	17,183.91	840.95
		For Gas Filled Transformers, Add	*9,301.21*	
		For Single Phase Transformers, Deduct	*-387.55*	
		For Dry Type Unit, Add	*3,578.63*	
26 11 16 00-0064	EA	300 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 4160 Or 4800 V, Dry Transformer	18,963.98	925.05
		For Gas Filled Transformers, Add	*10,268.34*	
		For Single Phase Transformers, Deduct	*-427.85*	
		For Dry Type Unit, Add	*3,950.07*	
26 11 16 00-0065	EA	500 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 4160 Or 4800 V, Dry Transformer	21,102.15	1,093.24
		For Gas Filled Transformers, Add	*11,349.41*	
		For Single Phase Transformers, Deduct	*-472.89*	
		For Dry Type Unit, Add	*4,380.10*	
26 11 16 00-0066	EA	750 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 4160 Or 4800 V, Dry Transformer	24,444.14	1,261.43
		For Gas Filled Transformers, Add	*13,152.78*	
		For Single Phase Transformers, Deduct	*-548.03*	
		For Dry Type Unit, Add	*5,074.97*	
26 11 16 00-0067	EA	1000 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 4160 Or 4800 V, Dry Transformer	28,420.46	1,513.71
		For Gas Filled Transformers, Add	*15,235.83*	
		For Single Phase Transformers, Deduct	*-634.83*	
		For Dry Type Unit, Add	*5,889.21*	
26 11 16 00-0068	EA	1500 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 4160 Or 4800 V, Dry Transformer	33,506.16	1,681.89
		For Gas Filled Transformers, Add	*18,085.42*	
		For Single Phase Transformers, Deduct	*-753.56*	
		For Dry Type Unit, Add	*6,967.70*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 00-0069		EA	2000 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 4160 Or 4800 V, Dry Transformer	43,083.55	1,765.99
			For Gas Filled Transformers, Add	*23,730.94*	
			For Single Phase Transformers, Deduct	*-988.79*	
			For Dry Type Unit, Add	*9,054.54*	
26 11 16 00-0070		EA	2500 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 4160 Or 4800 V, Dry Transformer	47,216.31	1,850.08
			For Gas Filled Transformers, Add	*26,109.68*	
			For Single Phase Transformers, Deduct	*-1,087.90*	
			For Dry Type Unit, Add	*9,943.57*	
26 11 16 00-0071		EA	3000 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 4160 Or 4800 V, Dry Transformer	52,590.55	1,934.18
			For Gas Filled Transformers, Add	*29,233.31*	
			For Single Phase Transformers, Deduct	*-1,218.05*	
			For Dry Type Unit, Add	*11,105.72*	
26 11 16 00-0072		EA	3750 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 4160 Or 4800 V, Dry Transformer	60,443.05	2,018.27
			For Gas Filled Transformers, Add	*33,843.90*	
			For Single Phase Transformers, Deduct	*-1,410.16*	
			For Dry Type Unit, Add	*12,813.09*	

26 11 16 00-0073 Primary 13800 V (Delta Or Wye) Secondary 208 Y/120 V Or 240 V *(26 11 16 00-0049)*

26 11 16 00-0074		EA	112.5 KVA, Substation, Secondary 208 Y / 120 V Or 240 V, Primary 13800 V, Dry Transformer	17,940.17	756.86
			For Gas Filled Transformers, Add	*9,855.88*	
			For Single Phase Transformers, Deduct	*-410.66*	
			For Dry Type Unit, Add	*3,765.19*	
26 11 16 00-0075		EA	150 KVA, Substation, Secondary 208 Y / 120 V Or 240 V, Primary 13800 V, Dry Transformer	18,564.18	798.90
			For Gas Filled Transformers, Add	*10,179.82*	
			For Single Phase Transformers, Deduct	*-424.16*	
			For Dry Type Unit, Add	*3,892.38*	
26 11 16 00-0076		EA	225 KVA, Substation, Secondary 208 Y / 120 V Or 240 V, Primary 13800 V, Dry Transformer	19,922.95	925.05
			For Gas Filled Transformers, Add	*10,843.72*	
			For Single Phase Transformers, Deduct	*-451.82*	
			For Dry Type Unit, Add	*4,161.04*	
26 11 16 00-0077		EA	300 KVA, Substation, Secondary 208 Y / 120 V Or 240 V, Primary 13800 V, Dry Transformer	21,064.23	1,009.14
			For Gas Filled Transformers, Add	*11,427.58*	
			For Single Phase Transformers, Deduct	*-476.15*	
			For Dry Type Unit, Add	*4,391.94*	
26 11 16 00-0078		EA	500 KVA, Substation, Secondary 208 Y / 120 V Or 240 V, Primary 13800 V, Dry Transformer	24,043.66	1,177.33
			For Gas Filled Transformers, Add	*13,013.41*	
			For Single Phase Transformers, Deduct	*-542.23*	
			For Dry Type Unit, Add	*5,007.05*	
26 11 16 00-0079		EA	750 KVA, Substation, Secondary 208 Y / 120 V Or 240 V, Primary 13800 V, Dry Transformer	26,682.51	1,345.52
			For Gas Filled Transformers, Add	*14,394.89*	
			For Single Phase Transformers, Deduct	*-599.79*	
			For Dry Type Unit, Add	*5,547.23*	
26 11 16 00-0080		EA	1000 KVA, Substation, Secondary 208 Y / 120 V Or 240 V, Primary 13800 V, Dry Transformer	31,181.47	1,597.81
			For Gas Filled Transformers, Add	*16,791.52*	
			For Single Phase Transformers, Deduct	*-699.65*	
			For Dry Type Unit, Add	*6,476.45*	
26 11 16 00-0081		EA	1500 KVA, Substation, Secondary 208 Y / 120 V Or 240 V, Primary 13800 V, Dry Transformer	37,631.08	1,765.99
			For Gas Filled Transformers, Add	*20,459.46*	
			For Single Phase Transformers, Deduct	*-852.48*	
			For Dry Type Unit, Add	*7,855.00*	
26 11 16 00-0082		EA	2000 KVA, Substation, Secondary 208 Y / 120 V Or 240 V, Primary 13800 V, Dry Transformer	45,226.18	1,850.08
			For Gas Filled Transformers, Add	*24,915.61*	
			For Single Phase Transformers, Deduct	*-1,038.15*	
			For Dry Type Unit, Add	*9,505.74*	

26 11 16 00-0083 Primary 13800 V (Delta Or Wye) Secondary 480 Y/277 V Or 480 V *(26 11 16 00-0049)*

26 11 16 00-0084		EA	112.5 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 13800 V, Dry Transformer	17,940.17	756.86
			For Gas Filled Transformers, Add	*9,855.88*	
			For Single Phase Transformers, Deduct	*-410.66*	
			For Dry Type Unit, Add	*3,765.19*	
26 11 16 00-0085		EA	150 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 13800 V, Dry Transformer	18,564.18	798.90
			For Gas Filled Transformers, Add	*10,179.82*	
			For Single Phase Transformers, Deduct	*-424.16*	
			For Dry Type Unit, Add	*3,892.38*	
26 11 16 00-0086		EA	225 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 13800 V, Dry Transformer	19,922.95	925.05
			For Gas Filled Transformers, Add	*10,843.72*	
			For Single Phase Transformers, Deduct	*-451.82*	
			For Dry Type Unit, Add	*4,161.04*	
26 11 16 00-0087		EA	300 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 13800 V, Dry Transformer	21,064.23	1,009.14
			For Gas Filled Transformers, Add	*11,427.58*	
			For Single Phase Transformers, Deduct	*-476.15*	
			For Dry Type Unit, Add	*4,391.94*	
26 11 16 00-0088		EA	500 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 13800 V, Dry Transformer	24,043.66	1,177.33
			For Gas Filled Transformers, Add	*13,013.41*	
			For Single Phase Transformers, Deduct	*-542.23*	
			For Dry Type Unit, Add	*5,007.05*	
26 11 16 00-0089		EA	750 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 13800 V, Dry Transformer	23,543.49	1,345.52
			For Gas Filled Transformers, Add	*12,511.48*	
			For Single Phase Transformers, Deduct	*-521.31*	
			For Dry Type Unit, Add	*4,856.64*	
26 11 16 00-0090		EA	1000 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 13800 V, Dry Transformer	24,732.72	1,597.81
			For Gas Filled Transformers, Add	*12,922.27*	
			For Single Phase Transformers, Deduct	*-538.43*	
			For Dry Type Unit, Add	*5,057.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 00-0091	EA	1500 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 13800 V, Dry Transformer	30,242.66	1,765.99
		For Gas Filled Transformers, Add	*16,026.41*	
		For Single Phase Transformers, Deduct	*-667.77*	
		For Dry Type Unit, Add	*6,229.55*	
26 11 16 00-0092	EA	2000 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 13800 V, Dry Transformer	35,649.80	1,850.08
		For Gas Filled Transformers, Add	*19,169.78*	
		For Single Phase Transformers, Deduct	*-798.74*	
		For Dry Type Unit, Add	*7,398.94*	
26 11 16 00-0093	EA	2500 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 13800 V, Dry Transformer	39,734.49	1,934.18
		For Gas Filled Transformers, Add	*21,519.68*	
		For Single Phase Transformers, Deduct	*-896.65*	
		For Dry Type Unit, Add	*8,277.38*	
26 11 16 00-0094	EA	3000 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 13800 V, Dry Transformer	46,427.76	2,018.27
		For Gas Filled Transformers, Add	*25,434.73*	
		For Single Phase Transformers, Deduct	*-1,059.78*	
		For Dry Type Unit, Add	*9,729.72*	
26 11 16 00-0095	EA	3750 KVA, Substation, Secondary 480 Y / 277 V Or 480 V, Primary 13800 V, Dry Transformer	56,608.82	2,102.37
		For Gas Filled Transformers, Add	*31,442.45*	
		For Single Phase Transformers, Deduct	*-1,310.10*	
		For Dry Type Unit, Add	*11,949.37*	

26 11 16 00-0096 Substation Secondary Distribution Section *(26 11 16)*

Note: Low voltage drawout switchgear 277/480 volt, 3 phase 4 wire.

26 11 16 00-0097 Switchgear Compartment Complete With Air Circuit Breaker *(26 11 16 00-0096)*

Note: With solid state long - time and instantaneous trips.

26 11 16 00-0098	EA	800 A, 277/480 V Switchgear, With Air Circuit Breaker, Manual DS-206	13,271.96	727.82
26 11 16 00-0099	EA	1600 A, 277/480 V Switchgear, With Air Circuit Breaker, Manual DS-416	20,883.71	1,100.40
26 11 16 00-0100	EA	2000 A, 277/480 V Switchgear, With Air Circuit Breaker, Manual DS-420	28,268.73	1,351.67
26 11 16 00-0101	EA	3200 A, 277/480 V Switchgear, With Air Circuit Breaker, Manual DS-632	47,167.53	1,568.29
26 11 16 00-0102	EA	4000 A, 277/480 V Switchgear, With Air Circuit Breaker, Manual DS-840	60,685.09	1,784.90

26 11 16 00-0103 Switchgear Compartment Without Circuit Breaker *(26 11 16 00-0096)*

26 11 16 00-0104	EA	800 A, 277/480 V Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	5,871.39	220.94
26 11 16 00-0105	EA	1600 A, 277/480 V Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,784.58	220.94
26 11 16 00-0106	EA	2000 A, 277/480 V Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	8,876.99	324.92
26 11 16 00-0107	EA	3200 A, 277/480 V Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	12,723.58	324.92
26 11 16 00-0108	EA	4000 A, 277/480 V Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	21,279.57	476.56

26 11 16 00-0109 Switchgear Compartment, Blank, Use As Filler Or Metering *(26 11 16 00-0096)*

Note: No provisions for future breaker.

26 11 16 00-0110	EA	600 Thru 2000 A, Blank Section Filler, Secondary Distribution Section	2,248.92	246.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*141.20*	
26 11 16 00-0111	EA	3000 A, Blank Section Filler, Secondary Distribution Section	2,803.19	246.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.76*	
26 11 16 00-0112	EA	4000 A, Blank Section Filler, Secondary Distribution Section	3,680.57	381.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*238.28*	

26 11 16 00-0113 Accessories For Substation Secondary Distribution *(26 11 16 00-0096)*

26 11 16 00-0114	EA	Short Time Delay Accessories, Secondary Distribution Section	1,189.78	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 11 16 00-0115	EA	Key Interlock Accessories, Secondary Distribution Section	940.23	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 11 16 00-0116	EA	Ammeter And Switch Complete Accessories, Secondary Distribution Section	2,837.79	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 11 16 00-0117	EA	Voltmeter And Switch Complete Accessories, Secondary Distribution Section	2,837.79	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 11 16 00-0118	EA	Wattmeter - Complete Accessories, Secondary Distribution Section	3,732.43	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 11 16 00-0119	EA	Watt-hour Meter - Complete Accessories, Secondary Distribution Section	4,815.40	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 11 16 00-0120	EA	Circuit Breaker Lifting Device Accessories, Secondary Distribution Section	2,132.11	85.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.53*	
26 11 16 00-0121	EA	Weatherproofing, Per Vertical Section Accessories, Secondary Distribution Section	7,369.35	1,272.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*763.38*	
26 11 16 00-0122	EA	Current Transformer, Single Section 5 To 800 Single Secondary 5 To 800	1,321.62	75.37
26 11 16 00-0123	EA	Potential Transformers Each With Fuses Accessories, Secondary Distribution Section	1,540.83	75.37
26 11 16 00-0124	EA	Shunt Trip And Auxiliary Switch Accessories, Secondary Distribution Section	820.90	37.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.61*	
26 11 16 00-0125	EA	3 Current Limiting Fuses 15 KV Accessories, Secondary Distribution Section	6,031.79	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 11 16 00-0126	EA	3 Phase Surge Capacitors 15 KV Accessories, Secondary Distribution Section	783.23	37.69

26 12 Medium-Voltage Transformers *(26 10)*

26 12 13 Liquid-Filled, Medium-Voltage Transformers *(26 12)*

26 12 13 00-0001 Single Phase Oil Filled Distribution Transformers *(26 12 13)*

Note: Self-protected type, CSP, external secondary breaker handle, external tap changer.

26 12 13 00-0002 Primary 4160/4800 Ground Y Secondary 120/240V 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL. Rated To 5 KVA *(26 12 13 00-0001)*

26 12 13 00-0003	EA	10 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 1 Phase	1,406.19	353.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 13 00-0004	EA	15 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 1 Phase	1,714.19	442.24
26 12 13 00-0005	EA	25 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 1 Phase	2,017.19	530.69
26 12 13 00-0006	EA	37.5 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 1 Phase	2,577.13	663.37
26 12 13 00-0007	EA	50 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 1 Phase	3,071.34	796.04
26 12 13 00-0008	EA	75 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 1 Phase	3,993.06	928.72
26 12 13 00-0009	EA	100 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 1 Phase	4,740.74	1,105.62
26 12 13 00-0010		Primary 4160/4800 Ground Y Secondary 120/240V 2-2.5 Percent Taps FCAN And FCBN. Rated To 5 KVA *(26 12 13 00-0001)*		
26 12 13 00-0011	EA	10 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	1,406.19	353.80
26 12 13 00-0012	EA	15 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	1,733.38	442.24
26 12 13 00-0013	EA	25 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	2,017.19	530.69
26 12 13 00-0014	EA	37.5 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	2,577.13	663.37
26 12 13 00-0015	EA	50 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	3,071.34	796.04
26 12 13 00-0016	EA	75 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	3,795.88	928.72
26 12 13 00-0017	EA	100 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	4,640.61	1,105.62
26 12 13 00-0018		Primary 13.8-14.4 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0001)*		
26 12 13 00-0019	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	1,383.81	353.80
26 12 13 00-0020	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	1,653.44	442.24
26 12 13 00-0021	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	1,957.11	530.69
26 12 13 00-0022	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	2,563.27	663.37
26 12 13 00-0023	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	3,012.80	796.04
26 12 13 00-0024	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	3,832.85	928.72
26 12 13 00-0025	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	4,649.85	1,105.62
26 12 13 00-0026		Primary 13.8-14.4 KV Ground Y Secondary 240/480V 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0001)*		
26 12 13 00-0027	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	1,487.73	353.80
26 12 13 00-0028	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	1,760.55	442.24
26 12 13 00-0029	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	2,237.72	530.69
26 12 13 00-0030	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	2,813.06	663.37
26 12 13 00-0031	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	3,292.82	796.04
26 12 13 00-0032	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	4,246.98	928.72
26 12 13 00-0033	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	5,318.40	1,105.62
26 12 13 00-0034		Transformer Platforms *(26 12 13 00-0001)*		
26 12 13 00-0035	EA	Transformer Platforms, 75 - 167 KVA	3,691.68	597.48
26 12 13 00-0036		Primary 24.9 KV, Ground Y Secondary 240/480 Volt 2-2.5 Percent Tops FCBN Auto FCAN *(26 12 13 00-0001)*		
26 12 13 00-0037	EA	10 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	2,290.08	707.59
26 12 13 00-0038	EA	15 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	2,554.54	796.04
26 12 13 00-0039	EA	25 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	2,946.17	884.50
26 12 13 00-0040	EA	37.5 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	3,961.87	1,238.29
26 12 13 00-0041	EA	50 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	4,530.10	1,415.19
26 12 13 00-0042	EA	75 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	5,930.11	1,768.99
26 12 13 00-0043	EA	100 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	7,006.07	1,945.88
26 12 13 00-0044	EA	167 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	9,135.78	2,476.59
26 12 13 00-0045	EA	250 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	10,944.79	2,830.38
26 12 13 00-0046	EA	333 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	13,310.63	3,537.97
26 12 13 00-0047	EA	500 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	16,939.86	4,422.47
26 12 13 00-0048		Primary 4800 Ground Y Secondary 120/240V 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL *(26 12 13 00-0001)*		
26 12 13 00-0049	EA	10 KVA Transformer Primary 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 1 Phase	1,406.19	433.22
26 12 13 00-0050	EA	15 KVA Transformer Primary 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 1 Phase	1,714.19	541.49
26 12 13 00-0051	EA	25 KVA Transformer Primary 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 1 Phase	2,016.83	649.13
26 12 13 00-0052	EA	37.5 KVA Transformer Primary 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 1 Phase	2,577.99	813.47
26 12 13 00-0053	EA	50 KVA Transformer Primary 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 1 Phase	3,070.52	974.44
26 12 13 00-0054	EA	75 KVA Transformer Primary 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 1 Phase	3,991.95	1,134.90
26 12 13 00-0055	EA	100 KVA Transformer Primary 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 1 Phase	4,740.74	1,353.81
26 12 13 00-0056		Primary 4800 Ground Y Secondary 120/240V 2-2.5 Percent Taps FCAN And FCBN *(26 12 13 00-0001)*		
26 12 13 00-0057	EA	10 KVA Transformer Primary 4800 V Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	1,406.19	433.22
26 12 13 00-0058	EA	15 KVA Transformer Primary 4800 V Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	1,733.38	541.49
26 12 13 00-0059	EA	25 KVA Transformer Primary 4800 V Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	2,016.83	649.13
26 12 13 00-0060	EA	37.5 KVA Transformer Primary 4800 V Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	2,577.99	813.47
26 12 13 00-0061	EA	50 KVA Transformer Primary 4800 V Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	3,070.52	974.44
26 12 13 00-0062	EA	75 KVA Transformer Primary 4800 V Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	3,794.77	1,134.90
26 12 13 00-0063	EA	100 KVA Transformer Primary 4800 V Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	4,640.61	1,353.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 13 00-0064		Primary 7200 To 14.4 KV Ground Y *(26 12 13 00-0001)*		
26 12 13 00-0065		Primary 7200 To 14.4 KV Ground Y Secondary 120 / 240 V 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0064)*		
26 12 13 00-0066	EA	10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	1,238.05	353.80
26 12 13 00-0067	EA	15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	1,507.97	442.24
26 12 13 00-0068	EA	25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	1,772.30	530.69
26 12 13 00-0069	EA	37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	2,273.29	663.37
26 12 13 00-0070	EA	50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	2,790.61	796.04
26 12 13 00-0071	EA	75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	3,888.36	928.72
26 12 13 00-0072	EA	100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 V, 2 Taps, Oil Filled, 1 Phase	4,536.52	1,105.62
26 12 13 00-0073		Primary 7200 To 14.4 KV Ground Y Secondary 240 / 480 V 2-2.5 Pct Taps FCBN And FCAN *(26 12 13 00-0064)*		
26 12 13 00-0074	EA	10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	1,187.18	353.80
26 12 13 00-0075	EA	15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	1,444.02	442.24
26 12 13 00-0076	EA	25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	1,743.23	530.69
26 12 13 00-0077	EA	37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	2,215.16	663.37
26 12 13 00-0078	EA	50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	2,710.68	796.04
26 12 13 00-0079	EA	75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	3,597.70	928.72
26 12 13 00-0080	EA	100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 V, 2 Taps, Oil Filled, 1 Phase	4,245.86	1,105.62
26 12 13 00-0081		3 Phase Oil Filled Distribution Transformers *(26 12 13)*		
26 12 13 00-0082		Primary 4160/4800 Ground Y Secondary 120/240 V *(26 12 13 00-0081)* Note: 4-2.5 Percent taps FCBN, Class A, 95 KV BIL.		
26 12 13 00-0083	EA	112.5 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 3 Phase	6,452.71	1,945.88
26 12 13 00-0084	EA	150 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 3 Phase	8,244.81	2,476.59
26 12 13 00-0085	EA	225 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 3 Phase	9,721.24	2,653.48
26 12 13 00-0086	EA	300 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 3 Phase	12,424.62	3,316.85
26 12 13 00-0087	EA	500 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 3 Phase	17,633.13	4,422.47
26 12 13 00-0088	EA	750 KVA Transformer Primary 4160 / 4800 V Ground Y, Secondary 120/240 V, 4 Taps, Oil Filled, 3 Phase	23,800.97	5,085.84
26 12 13 00-0089		Removal And Relocation Of Transformers *(26 12 13)*		
26 12 13 00-0090	EA	Remove And Relocate Oil Filled Transformer, Up To 37.5 KVA	888.45	
26 12 13 00-0091	EA	Remove And Relocate Oil Filled Transformers, 37.5 To 100 KVA	1,634.99	
26 12 16		**Dry-Type, Medium-Voltage Transformers** *(26 12)*		
26 12 16 00-0001		Removal and Relocation of Transformers *(26 12 16)*		
26 12 16 00-0002	EA	Remove And Relocate "Dry Type" Transformer Up To 37.5 KVA	348.99	
26 12 16 00-0003	EA	Remove And Relocate "Dry Type" Transformer, 37.5 To 112.5 KVA	1,551.09	
26 12 19		**Pad-Mounted, Liquid-Filled, Medium-Voltage Transformers** *(26 12)*		
26 12 19 00-0001		Single Phase Pad Mounted Distribution Transformers *(26 12 19)* Note: Designed for residential and multi-family buildings. UL listed.		
26 12 19 00-0002		Mini Pak - Single Phase KVA 25 Thru 167 - 95 KV BIL.- Oil Filled *(26 12 19 00-0001)* Note: Self actuating pressure relief device, taps, 4-1/2 % below or 2-1/2 % above and below. Designed for loop feed grounded wye distribution system.		
26 12 19 00-0003		Primary, 4.16/4.8 KVA Ground Y Or Delta *(26 12 19 00-0002)* Note: 2400 To 24940 ground Y / 14400 secondary - 240/120 V, 480/240 V, 277 V. Rated to 5 KVA.		
26 12 19 00-0004	EA	25 KVA, Primary 4160 / 4800 V Ground Y / 2400 - 24940 Ground Y / 14400, Secondary 240/120 V, 480/240 V, 277 V	2,576.30	420.48
26 12 19 00-0005	EA	37.5 KVA, Primary 4160 / 4800 V Ground Y / 2400 - 24940 Ground Y / 14400, Secondary 240/120 V, 480/240 V, 277 V	2,883.26	420.48
26 12 19 00-0006	EA	50 KVA, Primary 4160 / 4800 V Ground Y / 2400 - 24940 Ground Y / 14400, Secondary 240/120 V, 480/240 V, 277 V	3,434.13	576.05
26 12 19 00-0007	EA	75 KVA, Primary 4160 / 4800 V Ground Y / 2400 - 24940 Ground Y / 14400, Secondary 240/120 V, 480/240 V, 277 V	4,159.64	576.05
26 12 19 00-0008	EA	100 KVA, Primary 4160 / 4800 V Ground Y / 2400 - 24940 Ground Y / 14400, Secondary 240/120 V, 480/240 V, 277 V	4,701.87	756.86
26 12 19 00-0009	EA	167 KVA, Primary 4160 / 4800 V Ground Y / 2400 - 24940 Ground Y / 14400, Secondary 240/120 V, 480/240 V, 277 V	6,072.31	756.86
26 12 19 00-0010		Factory Modifications Material Cost Only *(26 12 19 00-0002)*		
26 12 19 00-0011	EA	Loadbreaker Current Limiting Fuse Factory Modifications	433.22	
26 12 19 00-0012	EA	Loadbreaker Oil Switch, 2 Position Factory Modifications	455.20	
26 12 19 00-0013	EA	Loadbreaker Inserts, Factory Modifications	500.72	
26 12 19 00-0014		Distribution - Single Phase Multiple Building Transformer *(26 12 19 00-0001)* Note: KVA 25 to 250, KVA BIL-95, 125, 150 standard features. Oil filled, self-actuating pressure relief device, lighting arrester mounted. Pad HV/LV barrier, etc. with taps 4-1/2 % below or 2-1/2 % above and below.		
26 12 19 00-0015		Primary, 4.16/4.8 KVA Ground Y Or Delta *(26 12 19 00-0014)* Note: 2400 To 34500 ground Y / 19900 secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0016	EA	25 KVA, Primary 4160 / 4800 V Ground Y / 2400 - 34500 Ground Y / 19900, Secondary 240/120 V, 480/240 V, 277 V	3,112.08	420.48
26 12 19 00-0017	EA	37.5 KVA, Primary 4160 / 4800 V Ground Y / 2400 - 34500 Ground Y / 19900, Secondary 240/120 V, 480/240 V, 277 V	3,566.25	420.48
26 12 19 00-0018	EA	50 KVA, Primary 4160 / 4800 V Ground Y / 2400 - 34500 Ground Y / 19900, Secondary 240/120 V, 480/240 V, 277 V	3,897.18	576.05
26 12 19 00-0019	EA	75 KVA, Primary 4160 / 4800 V Ground Y / 2400 - 34500 Ground Y / 19900, Secondary 240/120 V, 480/240 V, 277 V	4,760.81	576.05
26 12 19 00-0020	EA	100 KVA, Primary 4160 / 4800 V Ground Y / 2400 - 34500 Ground Y / 19900, Secondary 240/120 V, 480/240 V, 277 V	5,326.60	756.86
26 12 19 00-0021	EA	167 KVA, Primary 4160 / 4800 V Ground Y / 2400 - 34500 Ground Y / 19900, Secondary 240/120 V, 480/240 V, 277 V	6,442.75	756.86
26 12 19 00-0022	EA	250 KVA, Primary 4160 / 4800 V Ground Y / 2400 - 34500 Ground Y / 19900, Secondary 240/120 V, 480/240 V, 277 V	9,938.05	1,051.19

26 12 19 00-0023 Factory Modifications Material Cost Only *(26 12 19 00-0014)*

26 12 19 00-0024	EA	Loadbreaker Current Limiting Fuse Factory Modifications	577.63	
26 12 19 00-0025	EA	Lightning Arrestors, Factory Modifications	146.36	
26 12 19 00-0026	EA	Loadbreaker Oil Switch, 2 Position Factory Modifications	455.20	
26 12 19 00-0027	EA	Loop Feed Air Switch, Factory Modifications	740.87	
26 12 19 00-0028	EA	Loadbreaker Inserts (Two), Factory Modifications	197.78	
26 12 19 00-0029	EA	Bay-O-Net Fuse 25 Thru 167 KVA Factory Modifications	171.09	

26 12 19 00-0030 Primary, 12470 Ground Y Or Delta *(26 12 19 00-0014)*

Note: 7200 To 34500 ground Y / 19900 secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.

26 12 19 00-0031	EA	25 KVA, Primary 12470 V Ground Y / 7200 - 34500 Ground Y / 19900, Secondary 240/120 V, 480/240 V, 277 V	3,324.97	420.48
26 12 19 00-0032	EA	37.5 KVA, Primary 12470 V Ground Y / 7200 - 34500 Ground Y / 19900, Secondary 240/120 V, 480/240 V, 277 V	3,637.11	420.48
26 12 19 00-0033	EA	50 KVA, Primary 12470 V Ground Y / 7200 - 34500 Ground Y / 19900, Secondary 240/120 V, 480/240 V, 277 V	3,869.33	576.05
26 12 19 00-0034	EA	75 KVA, Primary 12470 V Ground Y / 7200 - 34500 Ground Y / 19900, Secondary 240/120 V, 480/240 V, 277 V	4,590.50	576.05
26 12 19 00-0035	EA	100 KVA, Primary 12470 V Ground Y / 7200 - 34500 Ground Y / 19900, Secondary 240/120 V, 480/240 V, 277 V	5,679.79	756.86
26 12 19 00-0036	EA	167 KVA, Primary 12470 V Ground Y / 7200 - 34500 Ground Y / 19900, Secondary 240/120 V, 480/240 V, 277 V	7,065.38	756.94
26 12 19 00-0037	EA	250 KVA, Primary 12470 V Ground Y / 7200 - 34500 Ground Y / 19900, Secondary 240/120 V, 480/240 V, 277 V	8,944.36	1,051.19

26 12 19 00-0038 Oil Filled Distribution Transformer Single Phase Cluster Mounted *(26 12 19 00-0001)*

Note: Conventional type.

26 12 19 00-0039 13.8/14.4 KV Ground Y Or Delta Primary 120/240V *(26 12 19 00-0038)*

Note: 2.5 Taps FCBN and FCAN.

26 12 19 00-0040	EA	10 KVA, 13.8 - 14.4 KV Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	2,292.34	301.36
26 12 19 00-0041	EA	37.5 KVA, 13.8 - 14.4 KV Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	2,909.78	423.79
26 12 19 00-0042	EA	50 KVA, 13.8 - 14.4 KV Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	4,396.50	678.06
26 12 19 00-0043	EA	100 KVA, 13.8 - 14.4 KV Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	7,481.07	678.06
26 12 19 00-0044	EA	167 KVA, 13.8 - 14.4 KV Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	10,191.88	1,111.26
26 12 19 00-0045	EA	250 KVA, 13.8 - 14.4 KV Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	13,355.00	1,111.26

26 12 19 00-0046 Oil Filled Distribution Transformer Single Phase *(26 12 19 00-0001)*

26 12 19 00-0047 7200 V Primary, 120/240 V Secondary *(26 12 19 00-0046)*

26 12 19 00-0048	EA	10 KVA, 7200 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	2,235.66	320.20
26 12 19 00-0049	EA	15 KVA, 7200 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	2,446.97	320.20
26 12 19 00-0050	EA	25 KVA, 7200 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	2,857.02	452.04
26 12 19 00-0051	EA	37.5 KVA, 7200 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	3,733.68	452.04
26 12 19 00-0052	EA	50 KVA, 7200 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	4,306.79	612.13
26 12 19 00-0053	EA	100 KVA, 7200 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	7,336.31	941.75
26 12 19 00-0054	EA	167 KVA, 7200 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	10,078.52	941.75
26 12 19 00-0055	EA	250 KVA, 7200 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	13,180.01	1,177.19

26 12 19 00-0056 7200 V Primary, 240/480 V Secondary *(26 12 19 00-0046)*

26 12 19 00-0057	EA	10 KVA, 7200 V Primary, 240/480 V Secondary, Oil Filled Distribution Transformer, 1 Phase	2,235.66	320.20
26 12 19 00-0058	EA	15 KVA, 7200 V Primary, 240/480 V Secondary, Oil Filled Distribution Transformer, 1 Phase	2,447.02	320.20
26 12 19 00-0059	EA	25 KVA, 7200 V Primary, 240/480 V Secondary, Oil Filled Distribution Transformer, 1 Phase	2,857.02	452.04
26 12 19 00-0060	EA	37.5 KVA, 7200 V Primary, 240/480 V Secondary, Oil Filled Distribution Transformer, 1 Phase	3,733.68	452.04
26 12 19 00-0061	EA	50 KVA, 7200 V Primary, 240/480 V Secondary, Oil Filled Distribution Transformer, 1 Phase	4,306.79	612.13
26 12 19 00-0062	EA	75 KVA, 7200 V Primary, 240/480 V Secondary, Oil Filled Distribution Transformer, 1 Phase	6,491.31	828.74
26 12 19 00-0063	EA	100 KVA, 7200 V Primary, 240/480 V Secondary, Oil Filled Distribution Transformer, 1 Phase	7,336.31	828.74
26 12 19 00-0064	EA	167 KVA, 7200 V Primary, 240/480 V Secondary, Oil Filled Distribution Transformer, 1 Phase	10,078.52	1,045.34
26 12 19 00-0065	EA	250 KVA, 7200 V Primary, 240/480 V Secondary, Oil Filled Distribution Transformer, 1 Phase	13,180.01	1,177.19

26 12 19 00-0066 2400 V Primary, 277 V Secondary *(26 12 19 00-0046)*

26 12 19 00-0067	EA	10 KVA, 2400 V Primary, 277 V Secondary, Oil Filled Distribution Transformer, 1 Phase	2,413.53	320.20
26 12 19 00-0068	EA	15 KVA, 2400 V Primary, 277 V Secondary, Oil Filled Distribution Transformer, 1 Phase	2,640.81	320.20
26 12 19 00-0069	EA	25 KVA, 2400 V Primary, 277 V Secondary, Oil Filled Distribution Transformer, 1 Phase	3,086.85	452.04
26 12 19 00-0070	EA	37.5 KVA, 2400 V Primary, 277 V Secondary, Oil Filled Distribution Transformer, 1 Phase	4,027.27	452.04
26 12 19 00-0071	EA	50 KVA, 2400 V Primary, 277 V Secondary, Oil Filled Distribution Transformer, 1 Phase	4,643.00	612.13
26 12 19 00-0072	EA	75 KVA, 2400 V Primary, 277 V Secondary, Oil Filled Distribution Transformer, 1 Phase	6,891.29	828.74
26 12 19 00-0073	EA	100 KVA, 2400 V Primary, 277 V Secondary, Oil Filled Distribution Transformer, 1 Phase	7,957.90	828.74
26 12 19 00-0074	EA	167 KVA, 2400 V Primary, 277 V Secondary, Oil Filled Distribution Transformer, 1 Phase	10,950.98	1,045.34
26 12 19 00-0075	EA	250 KVA, 2400 V Primary, 277 V Secondary, Oil Filled Distribution Transformer, 1 Phase	14,362.74	1,177.19

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0076		2400 V Primary, 120/240 V Secondary *(26 12 19 00-0046)*		
26 12 19 00-0077	EA	10 KVA, 2400 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	2,235.66	320.20
26 12 19 00-0078	EA	15 KVA, 2400 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	2,446.97	320.20
26 12 19 00-0079	EA	25 KVA, 2400 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	2,857.02	615.06
26 12 19 00-0080	EA	37.5 KVA, 2400 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	3,733.68	828.74
26 12 19 00-0081	EA	50 KVA, 2400 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	4,306.79	612.13
26 12 19 00-0082	EA	75 KVA, 2400 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	6,360.72	828.74
26 12 19 00-0083	EA	100 KVA, 2400 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	7,335.14	828.74
26 12 19 00-0084		2400 V Primary, 240/480 V Secondary *(26 12 19 00-0046)*		
26 12 19 00-0085	EA	10 KVA, 2400 V Primary, 240/480 V Secondary, Oil Filled Distribution Transformer, 1 Phase	2,235.66	320.20
26 12 19 00-0086	EA	15 KVA, 2400 V Primary, 240/480 V Secondary, Oil Filled Distribution Transformer, 1 Phase	2,446.97	320.20
26 12 19 00-0087	EA	25 KVA, 2400 V Primary, 240/480 V Secondary, Oil Filled Distribution Transformer, 1 Phase	2,857.02	452.04
26 12 19 00-0088	EA	37.5 KVA, 2400 V Primary, 240/480 V Secondary, Oil Filled Distribution Transformer, 1 Phase	3,733.68	452.04
26 12 19 00-0089	EA	50 KVA, 2400 V Primary, 240/480 V Secondary, Oil Filled Distribution Transformer, 1 Phase	4,306.79	612.13
26 12 19 00-0090	EA	75 KVA, 2400 V Primary, 240/480 V Secondary, Oil Filled Distribution Transformer, 1 Phase	6,360.72	828.74
26 12 19 00-0091	EA	100 KVA, 2400 V Primary, 240/480 V Secondary, Oil Filled Distribution Transformer, 1 Phase	7,335.14	828.74
26 12 19 00-0092		2400 V x 7200 V Primary, 120/240 V Secondary *(26 12 19 00-0046)*		
26 12 19 00-0093	EA	10 KVA, 2400 V x 7200 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	1,959.07	329.61
26 12 19 00-0094	EA	15 KVA, 2400 V x 7200 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	2,134.49	367.28
26 12 19 00-0095	EA	25 KVA, 2400 V x 7200 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	2,555.59	404.95
26 12 19 00-0096	EA	37 KVA, 2400 V x 7200 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	3,307.84	565.05
26 12 19 00-0097	EA	50 KVA, 2400 V x 7200 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	3,717.57	659.23
26 12 19 00-0098	EA	75 KVA, 2400 V x 7200 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	4,980.39	772.23
26 12 19 00-0099	EA	100 KVA, 2400 V x 7200 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	5,936.99	885.25
26 12 19 00-0100	EA	167 KVA, 2400 V x 7200 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	8,996.33	1,130.10
26 12 19 00-0101	EA	250 KVA, 2400 V x 7200 V Primary, 120/240 V Secondary, Oil Filled Distribution Transformer, 1 Phase	12,087.36	1,271.36

26 13 Medium-Voltage Switchgear *(26 10)*

26 13 16 Medium-Voltage Fusible Interrupter Switchgear *(26 13)*

26 13 16 00-0001 "Switchyard", Substation Secondary Distribution Section *(26 13 16)*

Note: Medium voltage, metal clad switchgear, 3 phase, 3 wire with ground. Includes breaker element, housing, control switch two lamps - 3 cable terminals.

26 13 16 00-0002 4.16 Or 4.8 KV Switchgear Sections *(26 13 16 00-0001)*

Note: Includes air circuit breaker.

26 13 16 00-0003	EA	1200 A, 75 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	11,427.09	979.42
		For Weatherproofing, Add	*2,376.62*	
26 13 16 00-0004	EA	1200 A, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	12,005.58	979.42
		For Weatherproofing, Add	*2,503.89*	
26 13 16 00-0005	EA	1200 A, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	16,392.75	1,247.82
		For Weatherproofing, Add	*3,441.19*	
26 13 16 00-0006	EA	2000 A, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	22,405.30	1,247.82
		For Weatherproofing, Add	*4,742.94*	
26 13 16 00-0007	EA	2000 A, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	32,210.10	1,506.80
		For Weatherproofing, Add	*6,874.93*	
26 13 16 00-0008	EA	3000 A, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	29,344.65	1,506.80
		For Weatherproofing, Add	*6,233.86*	

26 13 16 00-0009 7.2 KV Switchgear Sections *(26 13 16 00-0001)*

Note: Includes air circuit breaker.

26 13 16 00-0010	EA	1200 A, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	17,143.81	1,130.10
		For Weatherproofing, Add	*3,620.09*	
26 13 16 00-0011	EA	2000 A, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	21,031.74	1,412.62
		For Weatherproofing, Add	*4,429.02*	
26 13 16 00-0012	EA	3000 A, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	29,652.97	1,695.15
		For Weatherproofing, Add	*6,292.35*	

26 13 16 00-0013 13.8 KV Switchgear Sections *(26 13 16 00-0001)*

Note: Includes air circuit breaker.

26 13 16 00-0014	EA	1200 A, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	16,502.82	1,130.10
		For Weatherproofing, Add	*3,466.63*	
26 13 16 00-0015	EA	1200 A, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	22,779.41	1,130.10
		For Weatherproofing, Add	*4,820.39*	
26 13 16 00-0016	EA	1200 A, 1000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	33,374.74	1,506.80
		For Weatherproofing, Add	*7,120.48*	
26 13 16 00-0017	EA	2000 A, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	20,755.70	1,506.80
		For Weatherproofing, Add	*4,356.98*	
26 13 16 00-0018	EA	2000 A, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	30,256.46	1,883.50
		For Weatherproofing, Add	*6,420.14*	
26 13 16 00-0019	EA	2000 A, 1000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	42,454.05	1,883.50
		For Weatherproofing, Add	*9,075.14*	
26 13 16 00-0020	EA	3000 A, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	29,102.09	1,883.50
		For Weatherproofing, Add	*6,158.30*	
26 13 16 00-0021	EA	3000 A, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	40,469.74	1,883.50
		For Weatherproofing, Add	*8,632.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 13 16 00-0022	EA	3000 A, 1000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	52,550.93	1,883.50
		For Weatherproofing, Add	*11,264.26*	

26 13 16 00-0023 4.16 Or 4.8 KV Switchgear Section *(26 13 16 00-0001)*

Note: Excludes air circuit breaker element.

26 13 16 00-0024	EA	1200 A, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	5,087.23	616.85
		For Weatherproofing, Add	*1,032.68*	
26 13 16 00-0025	EA	1200 A, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,655.54	616.85
		For Weatherproofing, Add	*1,377.71*	
26 13 16 00-0026	EA	2000 A, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	7,184.28	819.33
		For Weatherproofing, Add	*1,466.09*	
26 13 16 00-0027	EA	2000 A, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	8,902.64	1,012.38
		For Weatherproofing, Add	*1,816.81*	
26 13 16 00-0028	EA	3000 A, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	12,076.76	1,012.38
		For Weatherproofing, Add	*2,515.12*	

26 13 16 00-0029 7.2 KV Switchgear Section *(26 13 16 00-0001)*

Note: Excludes air circuit breaker element.

26 13 16 00-0030	EA	1200 A, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,454.18	941.75
		For Weatherproofing, Add	*1,321.38*	
26 13 16 00-0031	EA	2000 A, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	8,449.18	941.75
		For Weatherproofing, Add	*1,732.53*	
26 13 16 00-0032	EA	3000 A, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	12,953.55	941.75
		For Weatherproofing, Add	*2,696.12*	

26 13 16 00-0033 13.8 KV Switchgear Section *(26 13 16 00-0001)*

Note: Excludes air circuit breaker element.

26 13 16 00-0034	EA	1200 A, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,639.97	800.49
		For Weatherproofing, Add	*1,349.25*	
26 13 16 00-0035	EA	1200 A, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	7,093.86	800.49
		For Weatherproofing, Add	*1,449.10*	
26 13 16 00-0036	EA	1200 A, 1000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	10,198.21	988.84
		For Weatherproofing, Add	*2,104.53*	
26 13 16 00-0037	EA	2000 A, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	9,023.21	1,186.60
		For Weatherproofing, Add	*1,818.64*	
26 13 16 00-0038	EA	2000 A, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	11,162.11	1,186.60
		For Weatherproofing, Add	*2,289.19*	
26 13 16 00-0039	EA	2000 A, 1000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	12,829.52	1,384.38
		For Weatherproofing, Add	*2,628.03*	
26 13 16 00-0040	EA	3000 A, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	11,954.84	1,582.14
		For Weatherproofing, Add	*2,408.10*	
26 13 16 00-0041	EA	3000 A, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	13,420.48	1,582.14
		For Weatherproofing, Add	*2,730.54*	
26 13 16 00-0042	EA	3000 A, 1000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	16,572.39	1,770.49
		For Weatherproofing, Add	*3,396.22*	

26 13 16 00-0043 Accessories For Substation Secondary Distribution Sections *(26 13 16 00-0001)*

26 13 16 00-0044	EA	1200 A, Transformer Throat Connection Accessories, Secondary Distribution Section	3,185.08	596.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*358.08*	
26 13 16 00-0045	EA	2000 A, Transformer Throat Connection Accessories, Secondary Distribution Section	3,999.81	662.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*397.36*	
26 13 16 00-0046	EA	3000 A, Transformer Throat Connection Accessories, Secondary Distribution Section	5,235.54	796.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*478.05*	
26 13 16 00-0047	EA	3-Phase Pothead Termination Accessories, Secondary Distribution Section	3,161.05	1,198.18
26 13 16 00-0048	EA	5 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section	4,105.41	75.37
26 13 16 00-0049	EA	5 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section	5,490.75	75.37
26 13 16 00-0050	EA	5 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section	10,072.60	75.37
26 13 16 00-0051	EA	15 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section	7,911.33	75.37
26 13 16 00-0052	EA	15 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section	8,638.55	75.37
26 13 16 00-0053	EA	15 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section	11,766.61	75.37
26 13 16 00-0054	EA	6 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	1,848.05	75.37
26 13 16 00-0055	EA	9 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	2,091.55	75.37
26 13 16 00-0056	EA	15 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	3,187.98	75.37
26 13 16 00-0057	EA	Overcurrent Phase Protection, Time And Instantaneous Device 67	2,032.98	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 13 16 00-0058	EA	AC Ammeter With Switch	782.55	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 13 16 00-0059	EA	AC Voltmeter With Switch And Potential Transformer	782.55	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 13 16 00-0060	EA	Indicating Wattmeter	1,166.89	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 13 16 00-0061	EA	Indicating Varmeter	1,380.12	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 13 16 00-0062	EA	Indicating Watt-hour Meter, 2 Element	858.89	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 13 16 00-0063	EA	Ground Protection, Time Or Instantaneous Device 67N	2,046.14	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 13 16 00-0064	EA	Differential Generator Protection Single Phase NEMA Device 87	3,880.33	75.37
26 13 16 00-0065	EA	Current Transformers 5 And 15 KV Single Secondary	523.91	75.37
26 13 16 00-0066	EA	Potential Transformers 5 KV And 15 KV With Primary Fuses	2,582.51	75.37

26 13 19 Medium-Voltage Vacuum Interrupter Switchgear *(26 13)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 13 19 00-0001		Vacuum Circuit Breakers 13.8 KV *(26 13 19)*		
26 13 19 00-0002	EA	1200 A, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	41,823.62	1,177.19
26 13 19 00-0003	EA	1200 A, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	46,171.79	1,487.96
26 13 19 00-0004	EA	1200 A, 1000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	52,414.41	1,487.96
26 13 19 00-0005	EA	2000 A, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	47,962.83	1,177.19
26 13 19 00-0006	EA	2000 A, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	53,984.75	1,177.19
26 13 19 00-0007	EA	2000 A, 1000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	61,526.68	1,384.38
26 13 19 00-0008	EA	3000 A, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	63,453.20	1,582.14
26 13 19 00-0009	EA	3000 A, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	69,505.70	1,582.14
26 13 19 00-0010	EA	3000 A, 1000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	75,937.04	1,779.91

26 18 Medium-Voltage Circuit Protection Devices *(26 10)*

26 18 16 Medium-Voltage Fuses *(26 18)*

26 18 16 00-0001		Sectionalizing Switch *(26 18 16)*		
26 18 16 00-0002		Pad Mounted Metal Enclosed Oil Filled Switching Units *(26 18 16 00-0001)* Note: 15 KV - 25 KV.		
26 18 16 00-0003		Sectionalizing Tapping And Fusing Underground Feeders *(26 18 16 00-0002)* Note: 200 Amp replaceable bushing wells recessed locking assembly oil level and oil fill plugs.		
26 18 16 00-0004	EA	3 Phase, 1 Switch Up And 2 Switch Downstream Tapping And Fusing Underground	18,825.21	630.71
26 18 16 00-0005	EA	3 Phase, 2 Switch Up And 2 Switch Downstream Tapping And Fusing Underground	21,136.50	630.71

26 20 Low-Voltage Electrical Distribution *(26)*

26 21 Low-Voltage Electrical Service Entrance *(26 20)*

26 21 13 Low-Voltage Overhead Electrical Service Entrance *(26 21)*

26 21 13 00-0001		Service Drop Cable And Weatherheads *(26 21 13)*		
26 21 13 00-0002		600 Volt Insulated Stranded Conductors *(26 21 13 00-0001)*		
26 21 13 00-0003		Aluminum Duplex ACSR Neutral *(26 21 13 00-0002)*		
26 21 13 00-0004	LF	#6 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 V	6.74	2.24
26 21 13 00-0005	LF	#4 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 V	8.36	2.65
26 21 13 00-0006	LF	#2 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 V	10.50	2.99
26 21 13 00-0007	LF	#1/0 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 V	15.01	3.77
26 21 13 00-0008		Aluminum Triplex ACSR Neutral *(26 21 13 00-0002)*		
26 21 13 00-0009	LF	#6 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 V	8.63	2.65
26 21 13 00-0010	LF	#4 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 V	10.16	2.99
26 21 13 00-0011	LF	#2 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 V	13.03	3.77
26 21 13 00-0012	LF	#1/0 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 V	16.96	4.59
26 21 13 00-0013	LF	#2/0 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 V	21.73	6.07
26 21 13 00-0014	LF	#4/0 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 V	28.75	7.53
26 21 13 00-0015	LF	336 MCM Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 V	43.51	8.97
26 21 13 00-0016		Aluminum Quadruplex ACSR Neutral *(26 21 13 00-0002)*		
26 21 13 00-0017	LF	#6 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 V	10.22	2.99
26 21 13 00-0018	LF	#4 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 V	13.01	3.77
26 21 13 00-0019	LF	#2 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 V	16.97	4.83
26 21 13 00-0020	LF	#1/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 V	23.30	6.07
26 21 13 00-0021	LF	#2/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 V	26.12	6.73
26 21 13 00-0022	LF	#3/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 V	31.35	7.53
26 21 13 00-0023	LF	#4/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 V	36.37	8.97
26 21 13 00-0024	LF	336 MCM Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 V	51.50	9.92
26 21 13 00-0025		Aluminum Triplex For Underground Service, Direct Burial *(26 21 13 00-0002)* Note: Excludes excavation and backfill.		
26 21 13 00-0026	MLF	#6 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 V, Direct Burial	4,475.85	837.12
26 21 13 00-0027	MLF	#4 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 V, Direct Burial	5,383.28	886.37
26 21 13 00-0028	MLF	#2 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 V, Direct Burial	6,746.58	941.75
26 21 13 00-0029	MLF	#1/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 V, Direct Burial	8,628.70	941.75
26 21 13 00-0030	MLF	#2/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 V, Direct Burial	9,763.46	1,004.56
26 21 13 00-0031	MLF	#3/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 V, Direct Burial	11,724.17	1,159.10
26 21 13 00-0032	MLF	#4/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 V, Direct Burial	14,059.55	1,506.80
26 21 13 00-0033		Weather Proof Conduit Hubs *(26 21 13 00-0002)*		
26 21 13 00-0034	EA	1/2" Weatherproof Conduit Hubs	38.92	14.51
26 21 13 00-0035	EA	3/4" Weatherproof Conduit Hubs	44.46	16.49
26 21 13 00-0036	EA	1" Weatherproof Conduit Hubs	52.26	18.47
26 21 13 00-0037	EA	1-1/4" Weatherproof Conduit Hubs	73.81	24.74
26 21 13 00-0038	EA	1-1/2" Weatherproof Conduit Hubs	81.61	26.71
26 21 13 00-0039	EA	2" Weatherproof Conduit Hubs	108.61	31.00
26 21 13 00-0040	EA	2-1/2" Weatherproof Conduit Hubs	147.83	34.96
26 21 13 00-0041	EA	3" Weatherproof Conduit Hubs	194.44	41.22
26 21 13 00-0042	EA	4" Weatherproof Conduit Hubs	335.89	82.45

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 21 13 00-0043		Service Entrance Cap, Threaded Weatherhead, Galvanized *(26 21 13 00-0002)*		
26 21 13 00-0044	EA	1/2" Galvanized Weatherhead For #14 Thru #10 AWG Cable Service Entrance Threaded Weatherhead	43.22	14.51
26 21 13 00-0045	EA	3/4" Galvanized Weatherhead For #12 Thru #8 AWG Cable Service Entrance Threaded Weatherhead	49.59	16.49
26 21 13 00-0046	EA	1" Galvanized Weatherhead For #6 AWG Cable Service Entrance Threaded Weatherhead	63.43	21.09
26 21 13 00-0047	EA	1-1/4" Galvanized Weatherhead For #4 Thru #2 AWG Cable Service Entrance Threaded Weatherhead	76.41	24.74
26 21 13 00-0048	EA	1-1/2" Galvanized Weatherhead For #4 Thru #2 AWG Cable Service Entrance Threaded Weatherhead	96.13	30.51
26 21 13 00-0049	EA	2" Galvanized Weatherhead For #1/0 Thru #2/0 AWG Cable Service Entrance Threaded Weatherhead	125.64	35.41
26 21 13 00-0050	EA	2-1/2" Galvanized Weatherhead For #3/0 Thru #4/0 Cable Service Entrance Threaded Weatherhead	208.42	39.93
26 21 13 00-0051	EA	3" Galvanized Weatherhead For 250 Thru 500 MCM Cable Service Entrance Threaded Weatherhead	222.83	41.22
26 21 13 00-0052	EA	4" Galvanized Weatherhead For 750 MCM Cable Service Entrance Threaded Weatherhead	363.68	82.45
26 21 13 00-0053		Service Entrance Cap, Threaded Weatherhead, PVC *(26 21 13 00-0002)*		
26 21 13 00-0054	EA	1/2" PVC Weatherhead For #14 Thru #10 AWG Cable Service Entrance Threaded Weatherhead	39.07	14.51
26 21 13 00-0055	EA	3/4" PVC Weatherhead For #12 Thru #8 AWG Cable Service Entrance Threaded Weatherhead	44.02	16.49
26 21 13 00-0056	EA	1" PVC Weatherhead For #6 AWG Cable Service Entrance Threaded Weatherhead	55.62	21.00
26 21 13 00-0057	EA	1-1/4" PVC Weatherhead For #4 Thru #2 AWG Cable Service Entrance Threaded Weatherhead	66.83	24.74
26 21 13 00-0058	EA	1-1/2" PVC Weatherhead For #4 Thru #2 AWG Cable Service Entrance Threaded Weatherhead	82.15	30.51
26 21 13 00-0059	EA	2" PVC Weatherhead For #1/0 Thru #2/0 AWG Cable Service Entrance Threaded Weatherhead	98.15	35.41
26 21 13 00-0060	EA	2-1/2" PVC Weatherhead For #3/0 Thru #4/0 Cable Service Entrance Threaded Weatherhead	147.23	39.93
26 21 13 00-0061	EA	3" PVC Weatherhead For 250 Thru 350 MCM Cable Service Entrance Threaded Weatherhead	151.66	41.22
26 21 13 00-0062	EA	3-1/2" PVC Weatherhead For 500 MCM Cable Service Entrance Threaded Weatherhead	241.49	57.71
26 21 13 00-0063	EA	4" PVC Weatherhead For 750 MCM Cable Service Entrance Threaded Weatherhead	333.49	82.45

26 22 Low-Voltage Transformers *(26 20)*

26 22 13 Low-Voltage Distribution Transformers *(26 22)*

26 22 13 00-0001 Single Phase General Purpose "Dry Type" Transformers *(26 22 13)*
Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor Use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.

26 22 13 00-0002 480 V - 120/240 V General Purpose Dry Type Transformers *(26 22 13 00-0001)*
Note: 2-2.5 Percent taps above and 4-2.5 percent taps below.

26 22 13 00-0003	EA	1 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	579.92	212.17
26 22 13 00-0004	EA	3 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	746.06	254.60
26 22 13 00-0005	EA	5 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	869.14	265.64
26 22 13 00-0006	EA	7.5 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	993.19	275.82
26 22 13 00-0007	EA	10 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	1,286.20	297.03
26 22 13 00-0008	EA	15 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	1,486.15	318.25
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*42.48*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*63.72*	
26 22 13 00-0009	EA	25 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	1,616.73	339.47
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*46.89*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*70.33*	
26 22 13 00-0010	EA	37.5 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	1,638.02	381.90
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*43.71*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*65.57*	
26 22 13 00-0011	EA	50 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	1,912.43	424.34
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*53.19*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*79.78*	
26 22 13 00-0012	EA	75 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	2,460.34	509.21
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*72.10*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*108.14*	
26 22 13 00-0013	EA	100 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	3,053.06	594.08
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*93.25*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*139.87*	
26 22 13 00-0014	EA	167 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	4,620.94	763.81
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*154.67*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*232.00*	
26 22 13 00-0015	EA	250 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	7,735.40	933.55
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*293.42*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*440.12*	
26 22 13 00-0016	EA	333 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	11,589.33	1,060.85
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*473.38*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*710.07*	

26 22 13 00-0017 240 x 480 V - 120/240 V General Purpose Dry Type Transformers *(26 22 13 00-0001)*
Note: 1-10 Percent x 2-5 percent FCBN taps.

26 22 13 00-0018	EA	3 KVA, 240 x 480 V - 120/240 V Transformer, 1 Phase, 60 Hz, General Purpose, Dry	673.65	254.60
26 22 13 00-0019	EA	5 KVA, 240 x 480 V - 120/240 V Transformer, 1 Phase, 60 Hz, General Purpose, Dry	753.12	265.21
26 22 13 00-0020	EA	7.5 KVA, 240 x 480 V - 120/240 V Transformer, 1 Phase, 60 Hz, General Purpose, Dry	863.50	275.82
26 22 13 00-0021	EA	10 KVA, 240 x 480 V - 120/240 V Transformer, 1 Phase, 60 Hz, General Purpose, Dry	981.22	297.03

26 22 13 00-0022 240 x 480 V - 120/240 V General Purpose Dry Type Transformers *(26 22 13 00-0001)*
Note: 2-5 Percent x 4 - 2.5 percent FCBN taps.

26 22 13 00-0023	EA	15 KVA, 240 x 480 V - 120/240 V Transformer, 1 Phase, 60 Hz, General Purpose, Dry	1,486.15	318.25
26 22 13 00-0024	EA	25 KVA, 240 x 480 V - 120/240 V Transformer, 1 Phase, 60 Hz, General Purpose, Dry	1,616.73	339.47

26 22 13 00-0025 1 Phase Mounting Brackets *(26 22 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0026	EA	1 Phase Mounting Brackets (Set Of 2) For Transformers Up To 100 KVA	406.92	150.75
26 22 13 00-0027		1 Phase Weathershields *(26 22 13 00-0001)*		
		Note: Use with types DT-3 and DS-3.		
26 22 13 00-0028	EA	37.5 KVA 1 Phase Weathershields, Set Of 2	30.61	
26 22 13 00-0029	EA	50 KVA 1 Phase Weathershields, Set Of 2	39.01	
26 22 13 00-0030	EA	75 KVA 1 Phase Weathershields, Set Of 2	46.52	
26 22 13 00-0031	EA	100 KVA 1 Phase Weathershields, Set Of 2	55.50	
26 22 13 00-0032	EA	167 KVA 1 Phase Weathershields, Set Of 2	75.09	
26 22 13 00-0033	EA	250 KVA 1 Phase Weathershields, Set Of 2	89.78	
26 22 13 00-0034	EA	333 KVA 1 Phase Weathershields, Set Of 2	110.18	
26 22 13 00-0035		Packaged Power Supply *(26 22 13 00-0001)*		
		Note: 2-5 Percent FCBN taps.		
26 22 13 00-0036	EA	5 KVA, 480 V - 120/240 V, Transformer With 6 - 1 Pole / 3 - 2 Pole Max 20 A Breakers	980.40	265.21
26 22 13 00-0037	EA	7.5 KVA, 480 V - 120/240 V, Transformer With 8 - 1 Pole / 4 - 2 Pole Max 30 A Breakers	1,077.78	275.82
26 22 13 00-0038	EA	10 KVA, 480 V - 120/240 V, Transformer With 10 - 1 Pole / 5 - 2 Pole Max 40 A Breakers	1,165.59	297.03
26 22 13 00-0039	EA	15 KVA, 480 V - 120/240 V, Transformer With 16 - 1 Pole / 8 - 2 Pole Max 60 A Breakers	1,378.27	318.25
26 22 13 00-0040	EA	25 KVA, 480 V - 120/240 V, Transformer With 24 - 1 Pole / 12 - 2 Pole Max 100 A Breakers	1,785.33	339.47
26 22 13 00-0041		240 V-120/240V Single Phase Isolation Transformer Computer Grade *(26 22 13 00-0001)*		
26 22 13 00-0042	EA	0.5 KVA, 1 Phase, 240 V - 120/240 V, Isolation Transformer	720.61	190.96
26 22 13 00-0043	EA	1 KVA, 1 Phase, 240 V - 120/240 V, Isolation Transformer	950.77	212.17
26 22 13 00-0044	EA	2.5 KVA, 1 Phase, 240 V - 120/240 V, Isolation Transformer	1,117.26	254.60
26 22 13 00-0045	EA	5 KVA, 1 Phase, 240 V - 120/240 V, Isolation Transformer	1,216.02	265.21
26 22 13 00-0046	EA	7.5 KVA, 1 Phase, 240 V - 120/240 V, Isolation Transformer	1,343.33	275.82
26 22 13 00-0047	EA	10 KVA, 1 Phase, 240 V - 120/240 V, Isolation Transformer	1,663.27	297.03
26 22 13 00-0048	EA	15 KVA, 1 Phase, 240 V - 120/240 V, Isolation Transformer	2,079.51	318.25
26 22 13 00-0049		1 Phase 208/600V Dry General Purpose Transformer *(26 22 13 00-0001)*		
26 22 13 00-0050	EA	15 KVA, 208/600 V, Transformer, 1 Phase, 60 Hz, General Purpose, Dry	2,473.18	318.25
26 22 13 00-0051	EA	25 KVA, 208/600 V, Transformer, 1 Phase, 60 Hz, General Purpose, Dry	2,576.49	339.47
26 22 13 00-0052	EA	30 KVA, 208/600 V, Transformer, 1 Phase, 60 Hz, General Purpose, Dry	2,686.27	360.69
26 22 13 00-0053	EA	37.5 KVA, 208/600 V, Transformer, 1 Phase, 60 Hz, General Purpose, Dry	3,433.17	381.90
26 22 13 00-0054	EA	45 KVA, 208/600 V, Transformer, 1 Phase, 60 Hz, General Purpose, Dry	3,575.04	403.12
26 22 13 00-0055	EA	50 KVA, 208/600 V, Transformer, 1 Phase, 60 Hz, General Purpose, Dry	4,633.02	424.34
26 22 13 00-0056		3 Phase General Purpose "Dry Type" Transformer *(26 22 13)*		
		Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.		
26 22 13 00-0057		Packaged Power Supply *(26 22 13 00-0056)*		
		Note: 2-5 Percent FCBN taps.		
26 22 13 00-0058	EA	15 KVA, 480 V - 208/120 V, Transformer With 12 - 1 Pole / 4 - 3 Pole Max, 40 A Breakers	3,981.44	912.33
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*107.84*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*161.76*	
26 22 13 00-0059	EA	22.5 KVA, 480 V - 208/120 V, Transformer With 18 - 1 Pole / 6 - 3 Pole Max, 60 A Breakers	4,624.68	975.98
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*133.64*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*200.45*	
26 22 13 00-0060	EA	30 KVA, 480 V - 208/120 V, Transformer With 24 - 1 Pole / 8 - 3 Pole Max, 80 A Breakers	5,401.08	1,060.85
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*163.97*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*245.95*	
26 22 13 00-0061		Drive Isolation Transformers *(26 22 13 00-0056)*		
		Note: Only use in step-up applications.		
26 22 13 00-0062		230V Drive Isolation Transformers *(26 22 13 00-0061)*		
26 22 13 00-0063	EA	7.5 KVA, 230 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	2,587.84	339.47
26 22 13 00-0064	EA	11 KVA, 230 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	2,987.29	360.69
26 22 13 00-0065	EA	15 KVA, 230 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	3,101.14	381.90
26 22 13 00-0066	EA	20 KVA, 230 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	3,607.22	403.12
26 22 13 00-0067	EA	27 KVA, 230 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	3,765.40	445.56
26 22 13 00-0068	EA	34 KVA, 230 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	4,137.80	487.99
26 22 13 00-0069	EA	40 KVA, 230 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	4,654.91	530.43
26 22 13 00-0070	EA	51 KVA, 230 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	5,390.58	594.08
26 22 13 00-0071	EA	63 KVA, 230 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	5,803.36	615.30
26 22 13 00-0072	EA	75 KVA, 230 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	6,617.93	636.51
26 22 13 00-0073	EA	93 KVA, 230 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	8,167.48	657.73
26 22 13 00-0074	EA	118 KVA, 230 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	9,244.27	806.24
26 22 13 00-0075	EA	145 KVA, 230 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	10,255.50	848.68
26 22 13 00-0076	EA	175 KVA, 230 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	11,658.98	891.11
26 22 13 00-0077	EA	220 KVA, 230 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	14,192.97	1,060.85
26 22 13 00-0078	EA	275 KVA, 230 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	18,634.49	1,251.80
26 22 13 00-0079	EA	330 KVA, 230 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	19,732.63	1,379.11
26 22 13 00-0080	EA	440 KVA, 230 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	23,863.65	1,527.63
26 22 13 00-0081	EA	550 KVA, 230 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	29,247.17	1,697.36
26 22 13 00-0082		208V Drive Isolation Transformers *(26 22 13 00-0061)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0083	EA	7.5 KVA, 208 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	2,685.00	339.47
26 22 13 00-0084	EA	11 KVA, 208 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	3,102.63	360.69
26 22 13 00-0085	EA	15 KVA, 208 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	3,220.11	381.90
26 22 13 00-0086	EA	20 KVA, 208 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	3,749.79	403.12
26 22 13 00-0087	EA	27 KVA, 208 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	3,911.71	445.56
26 22 13 00-0088	EA	30 KVA, 208 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	4,256.30	466.77
26 22 13 00-0089	EA	45 KVA, 208 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	4,880.27	551.64
26 22 13 00-0090	EA	51 KVA, 208 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	5,604.48	594.08
26 22 13 00-0091	EA	63 KVA, 208 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	6,036.12	615.30
26 22 13 00-0092	EA	75 KVA, 208 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	6,889.99	636.51
26 22 13 00-0093	EA	93 KVA, 208 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	8,516.25	657.73
26 22 13 00-0094	EA	118 KVA, 208 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	9,632.72	806.24
26 22 13 00-0095	EA	145 KVA, 208 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	10,691.11	848.68
26 22 13 00-0096	EA	175 KVA, 208 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	12,161.71	891.11
26 22 13 00-0097	EA	220 KVA, 208 V, 3 Phase, Delta Primary: 460/266 V, 3 Phase, Secondary, Drive Isolation Transformers	14,807.40	1,060.85

26 22 13 00-0098 480V x 208Y/120V, 2 - 2.5 Percent FCBN Taps *(26 22 13 00-0056)*

26 22 13 00-0099	EA	9 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	1,943.98	350.08
26 22 13 00-0100	EA	15 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	2,470.48	381.90
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*85.33*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*128.00*	

26 22 13 00-0101 480V x 208Y/120V, 2-2.5 Percent FCAN And 4-2.5 Percent FCBN Taps *(26 22 13 00-0056)*

26 22 13 00-0102	EA	30 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	2,808.28	466.77
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*93.74*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*140.60*	
		For K4 Factor Rating, Add	*1,312.31*	
		For K13 Factor Rating, Add	*1,874.73*	
		For K20 Factor Rating, Add	*2,437.15*	
26 22 13 00-0103	EA	37.5 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	3,335.69	509.21
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*115.86*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*173.80*	
		For K4 Factor Rating, Add	*1,622.09*	
		For K13 Factor Rating, Add	*2,317.27*	
		For K20 Factor Rating, Add	*3,012.45*	
26 22 13 00-0104	EA	45 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	3,506.88	551.64
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*120.18*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*180.27*	
		For K4 Factor Rating, Add	*1,682.52*	
		For K13 Factor Rating, Add	*2,403.60*	
		For K20 Factor Rating, Add	*3,124.68*	
26 22 13 00-0105	EA	50 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	4,473.33	594.08
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*164.26*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*246.39*	
		For K4 Factor Rating, Add	*2,299.63*	
		For K13 Factor Rating, Add	*3,285.18*	
		For K20 Factor Rating, Add	*4,270.73*	
26 22 13 00-0106	EA	75 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	4,462.44	636.51
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*159.47*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*239.21*	
		For K4 Factor Rating, Add	*2,232.59*	
		For K13 Factor Rating, Add	*3,189.42*	
		For K20 Factor Rating, Add	*4,146.25*	
26 22 13 00-0107	EA	112.5 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	5,525.94	763.81
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*199.92*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*299.87*	
		For K4 Factor Rating, Add	*2,798.82*	
		For K13 Factor Rating, Add	*3,998.31*	
		For K20 Factor Rating, Add	*5,197.80*	
26 22 13 00-0108	EA	150 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	7,029.72	848.68
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*266.62*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*399.93*	
		For K4 Factor Rating, Add	*3,732.65*	
		For K13 Factor Rating, Add	*5,332.36*	
		For K20 Factor Rating, Add	*6,932.07*	
26 22 13 00-0109	EA	225 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	9,489.35	1,060.85
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*368.38*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*552.57*	
		For K4 Factor Rating, Add	*5,157.36*	
		For K13 Factor Rating, Add	*7,367.65*	
		For K20 Factor Rating, Add	*9,577.95*	
26 22 13 00-0110	EA	300 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	11,589.42	1,315.45
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*447.93*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*671.89*	
		For K4 Factor Rating, Add	*6,270.96*	
		For K13 Factor Rating, Add	*8,958.51*	
		For K20 Factor Rating, Add	*11,646.06*	
26 22 13 00-0111	EA	500 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	16,343.28	1,612.49
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*655.91*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*983.87*	
		For K4 Factor Rating, Add	*9,182.80*	
		For K13 Factor Rating, Add	*13,118.29*	
		For K20 Factor Rating, Add	*17,053.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0112	EA	750 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	35,902.44	1,934.18
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,599.93*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,399.89*	
		For K4 Factor Rating, Add	*22,398.96*	
		For K13 Factor Rating, Add	*31,998.52*	
		For K20 Factor Rating, Add	*41,598.08*	
26 22 13 00-0113	EA	1000 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	46,845.26	2,121.70
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,130.09*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*3,195.14*	
		For K4 Factor Rating, Add	*29,821.31*	
		For K13 Factor Rating, Add	*42,601.87*	
		For K20 Factor Rating, Add	*55,382.43*	
26 22 13 00-0114		480V x 208Y/120V, 2-2.5 Percent FCAN And 2-2.5 Percent FCBN Taps *(26 22 13 00-0056)*		
26 22 13 00-0115	EA	6 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	1,627.15	328.87
		For K4 Factor Rating, Add	*678.59*	
		For K13 Factor Rating, Add	*969.42*	
		For K20 Factor Rating, Add	*1,260.25*	
26 22 13 00-0116	EA	9 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	1,943.98	350.08
		For K4 Factor Rating, Add	*870.67*	
		For K13 Factor Rating, Add	*1,243.82*	
		For K20 Factor Rating, Add	*1,616.97*	
26 22 13 00-0117	EA	15 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	2,470.48	381.90
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*85.33*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*128.00*	
		For K4 Factor Rating, Add	*1,194.67*	
		For K13 Factor Rating, Add	*1,706.67*	
		For K20 Factor Rating, Add	*2,218.67*	
26 22 13 00-0118		480V x 480Y/277V, 2-2.5 Percent FCAN And 4 Percent FCBN Taps *(26 22 13 00-0056)*		
26 22 13 00-0119	EA	30 KVA, 480 x 480 Y / 277 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	4,502.18	466.77
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*178.43*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*267.65*	
		For K4 Factor Rating, Add	*2,498.04*	
		For K13 Factor Rating, Add	*3,568.63*	
		For K20 Factor Rating, Add	*4,639.22*	
26 22 13 00-0120	EA	45 KVA, 480 x 480 Y / 277 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	5,074.45	551.64
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*198.56*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*297.84*	
		For K4 Factor Rating, Add	*2,779.82*	
		For K13 Factor Rating, Add	*3,971.17*	
		For K20 Factor Rating, Add	*5,162.52*	
26 22 13 00-0121	EA	75 KVA, 480 x 480 Y / 277 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	7,312.70	636.51
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*301.98*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*452.98*	
		For K4 Factor Rating, Add	*4,227.78*	
		For K13 Factor Rating, Add	*6,039.68*	
		For K20 Factor Rating, Add	*7,851.58*	
26 22 13 00-0122	EA	112.5 KVA, 480 x 480 Y / 277 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	9,145.82	763.81
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*380.91*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*571.36*	
		For K4 Factor Rating, Add	*5,332.73*	
		For K13 Factor Rating, Add	*7,618.19*	
		For K20 Factor Rating, Add	*9,903.65*	
26 22 13 00-0123	EA	150 KVA, 480 x 480 Y / 277 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	10,945.33	848.68
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*462.40*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*693.60*	
		For K4 Factor Rating, Add	*6,473.58*	
		For K13 Factor Rating, Add	*9,247.97*	
		For K20 Factor Rating, Add	*12,022.36*	
26 22 13 00-0124	EA	225 KVA, 480 x 480 Y / 277 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	14,003.55	1,060.85
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*594.09*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*891.14*	
		For K4 Factor Rating, Add	*8,317.30*	
		For K13 Factor Rating, Add	*11,881.85*	
		For K20 Factor Rating, Add	*15,446.41*	
26 22 13 00-0125	EA	300 KVA, 480 x 480 Y / 277 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	17,051.65	1,315.45
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*721.04*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,081.56*	
		For K4 Factor Rating, Add	*10,094.52*	
		For K13 Factor Rating, Add	*14,420.74*	
		For K20 Factor Rating, Add	*18,746.96*	
26 22 13 00-0126	EA	500 KVA, 480 x 480 Y / 277 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry	26,910.29	1,612.49
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,184.27*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,776.40*	
		For K4 Factor Rating, Add	*16,579.71*	
		For K13 Factor Rating, Add	*23,685.30*	
		For K20 Factor Rating, Add	*30,790.89*	
26 22 13 00-0127		Three Phase Mounting Brackets *(26 22 13 00-0056)*		
26 22 13 00-0128	EA	3 Phase Mounting Brackets (Set Of 2) For Transformers Up To 112.5 KVA	522.81	150.75
26 22 13 00-0129		3 Phase Weathershields *(26 22 13 00-0056)*		
		Note: Use with type DT-3 and DS-3.		
26 22 13 00-0130	EA	45-112.5 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	414.61	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0131	EA	150-300 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	704.08	
26 22 13 00-0132	EA	500-1000 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	704.08	
26 22 13 00-0133		3 Phase 60 Hz K20 Dry Type Transformers *(26 22 13 00-0056)*		
26 22 13 00-0134		3 Phase 60 Hz K20 Dry Type Transformers, 115 C Rise *(26 22 13 00-0133)*		
		Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0135	EA	15 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	2,333.28	381.90
26 22 13 00-0136	EA	30 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	3,419.68	466.77
26 22 13 00-0137	EA	45 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	4,889.01	551.64
26 22 13 00-0138	EA	75 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	6,180.44	636.51
26 22 13 00-0139	EA	112.5 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	9,097.58	763.81
26 22 13 00-0140	EA	150 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	10,987.54	848.68
26 22 13 00-0141	EA	225 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	12,850.19	1,060.85
26 22 13 00-0142	EA	300 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	20,050.38	1,315.45
26 22 13 00-0143		3 Phase 60 Hz K20 Dry Type Transformers, 80 C Rise *(26 22 13 00-0133)*		
		Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0144	EA	15 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	2,648.38	381.90
26 22 13 00-0145	EA	30 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	3,917.20	466.77
26 22 13 00-0146	EA	45 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	5,645.85	551.64
26 22 13 00-0147	EA	75 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	7,160.42	636.51
26 22 13 00-0148	EA	112.5 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	10,611.27	763.81
26 22 13 00-0149	EA	150 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	12,846.49	848.68
26 22 13 00-0150	EA	225 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	14,995.59	1,060.85
26 22 13 00-0151	EA	300 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	23,534.58	1,315.45
26 22 13 00-0152		Pad Mounted Commercial Type Distribution Transformers UL Listed *(26 22 13)*		
26 22 13 00-0153		Distribution 3 Phase Oil Filled Transformer *(26 22 13 00-0152)*		
		Note: Designed for loads as shopping centers, institutions, and industrial plants with underground distribution. KVA-75 thru 1000, 3 phase 95 thru 150 KV BIL standard features. With taps 4-1/2 percent below - 2-1/2 percent above and below.		
26 22 13 00-0154		Factory Modifications *(26 22 13 00-0153)*		
		Note: For use with series 4100 3 phase transformers.		
26 22 13 00-0155	EA	Current Limiting Fuse 95 KV Series 4100, 3 Phase Transformer, Factory Modification	759.71	
26 22 13 00-0156	EA	Lightning Arrestors 9-10 KV Series 4100, 3 Phase Transformer, Factory Modification	123.54	
26 22 13 00-0157	EA	Loadbreaker Oil Switch, 2 Position Series 4100, 3 Phase Transformer, Factory Modification	494.15	
26 22 13 00-0158	EA	Loop Feed Air Switch Series 4100, 3 Phase Transformer, Factory Modification	1,423.67	
26 22 13 00-0159	EA	Loadbreaker Inserts Series 4100, 3 Phase Transformer, Factory Modification	174.41	
26 22 13 00-0160	EA	Lightning Arrestors, 15 KV Series 4100, 3 Phase Transformer, Factory Modification	138.07	
26 22 13 00-0161		Accessories For Transformer Liquid Containment Area *(26 22 13 00-0153)*		
		Note: Reinforced concrete curb with 6" slab.		
26 22 13 00-0162	EA	Containment Area For 75 KVA	4,213.99	1,579.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,052.73*	
26 22 13 00-0163	EA	Containment Area For 112.5 KVA	4,213.99	1,579.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,052.73*	
26 22 13 00-0164	EA	Containment Area For 150 KVA	4,213.99	1,579.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,052.73*	
26 22 13 00-0165	EA	Containment Area For 225 KVA	4,213.99	1,579.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,052.73*	
26 22 13 00-0166	EA	Containment Area For 300 KVA	4,208.33	1,579.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,051.03*	
26 22 13 00-0167	EA	Containment Area For 500 KVA	4,208.33	1,579.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,051.03*	
26 22 13 00-0168	EA	Containment Area For 750 KVA	4,228.68	1,579.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,051.03*	
26 22 13 00-0169	EA	Containment Area For 1000 KVA	4,523.71	1,579.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,051.03*	
26 22 13 00-0170		Primary, 4160/4800 Ground Y Or Delta 480 Y/277V, 480 V 95 KV BIL *(26 22 13 00-0153)*		
		Note: 7200 Thru 14400 V secondary. Rated to 5 KVA.		
26 22 13 00-0171	EA	45 KVA, Primary 4160 / 4800 Ground Y / 7200 - 14400 V, Secondary 480 Y / 277 V, 480 V, 3 Phase, Oil Transformer, Pad Mounted	5,432.71	1,009.14
26 22 13 00-0172	EA	75 KVA, Primary 4160 / 4800 Ground Y / 7200 - 14400 V, Secondary 480 Y / 277 V, 480 V, 3 Phase, Oil Transformer, Pad Mounted	5,868.73	1,009.14
26 22 13 00-0173	EA	112.5 KVA, Primary 4160 / 4800 Ground Y / 7200 - 14400 V, Secondary 480 Y / 277 V, 480 V, 3 Phase, Oil Transformer, Pad Mounted	6,159.40	1,009.14
26 22 13 00-0174	EA	150 KVA, Primary 4160 / 4800 Ground Y / 7200 - 14400 V, Secondary 480 Y / 277 V, 480 V, 3 Phase, Oil Transformer, Pad Mounted	7,031.43	1,009.14
26 22 13 00-0175	EA	225 KVA, Primary 4160 / 4800 Ground Y / 7200 - 14400 V, Secondary 480 Y / 277 V, 480 V, 3 Phase, Oil Transformer, Pad Mounted	7,854.41	1,513.71
26 22 13 00-0176	EA	300 KVA, Primary 4160 / 4800 Ground Y / 7200 - 14400 V, Secondary 480 Y / 277 V, 480 V, 3 Phase, Oil Transformer, Pad Mounted	8,145.08	1,513.71
26 22 13 00-0177	EA	500 KVA, Primary 4160 / 4800 Ground Y / 7200 - 14400 V, Secondary 480 Y / 277 V, 480 V, 3 Phase, Oil Transformer, Pad Mounted	11,633.19	1,513.71
26 22 13 00-0178	EA	750 KVA, Primary 4160 / 4800 Ground Y / 7200 - 14400 V, Secondary 480 Y / 277 V, 480 V, 3 Phase, Oil Transformer, Pad Mounted	14,934.90	2,018.27
26 22 13 00-0179	EA	1000 KVA, Primary 4160 / 4800 Ground Y / 7200 - 14400 V, Secondary 480 Y / 277 V, 480 V, 3 Phase, Oil Transformer, Pad Mounted	18,713.68	2,018.27

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0180		**Primary, 4160/4800 Ground Y Or Delta 208 Y/120 V - 95 BIL** *(26 22 13 00-0153)* Note: 7200 Thru 14400 V secondary. Rated to 5 KVA.		
26 22 13 00-0181	EA	45 KVA, Primary 4160 / 4800 Ground Y / 7200 - 14400 V, Secondary 208 Y / 120 V, 3 Phase, Oil Transformer, Pad Mounted	5,578.05	1,009.14
26 22 13 00-0182	EA	75 KVA, Primary 4160 / 4800 Ground Y / 7200 - 14400 V, Secondary 208 Y / 120 V, 3 Phase, Oil Transformer, Pad Mounted	6,159.40	1,009.14
26 22 13 00-0183	EA	112.5 KVA, Primary 4160 / 4800 Ground Y / 7200 - 14400 V, Secondary 208 Y / 120 V, 3 Phase, Oil Transformer, Pad Mounted	6,304.74	1,009.14
26 22 13 00-0184	EA	150 KVA, Primary 4160 / 4800 Ground Y / 7200 - 14400 V, Secondary 208 Y / 120 V, 3 Phase, Oil Transformer, Pad Mounted	6,450.08	1,009.14
26 22 13 00-0185	EA	225 KVA, Primary 4160 / 4800 Ground Y / 7200 - 14400 V, Secondary 208 Y / 120 V, 3 Phase, Oil Transformer, Pad Mounted	7,854.41	1,513.71
26 22 13 00-0186	EA	300 KVA, Primary 4160 / 4800 Ground Y / 7200 - 14400 V, Secondary 208 Y / 120 V, 3 Phase, Oil Transformer, Pad Mounted	8,435.76	1,513.71
26 22 13 00-0187	EA	500 KVA, Primary 4160 / 4800 Ground Y / 7200 - 14400 V, Secondary 208 Y / 120 V, 3 Phase, Oil Transformer, Pad Mounted	11,633.19	1,513.71
26 22 13 00-0188	EA	750 KVA, Primary 4160 / 4800 Ground Y / 7200 - 14400 V, Secondary 208 Y / 120 V, 3 Phase, Oil Transformer, Pad Mounted	15,080.23	2,018.27
26 22 13 00-0189	EA	1000 KVA, Primary 4160 / 4800 Ground Y / 7200 - 14400 V, Secondary 208 Y / 120 V, 3 Phase, Oil Transformer, Pad Mounted	18,713.68	2,018.27
26 22 13 00-0190		**Primary 5 KV Or 15 KV, Secondary 277/480 V** *(26 22 13 00-0152)* Note: 4-2.5 Percent taps FCAN and FCBN. Pad mounted.		
26 22 13 00-0191	EA	150 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 V, 4 Taps, Oil Filled, 3 Phase	9,339.10	1,362.12
26 22 13 00-0192	EA	225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 V, 4 Taps, Oil Filled, 3 Phase	10,380.43	1,608.01
26 22 13 00-0193	EA	300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 V, 4 Taps, Oil Filled, 3 Phase	11,899.99	1,965.34
26 22 13 00-0194	EA	500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 V, 4 Taps, Oil Filled, 3 Phase	13,985.71	2,211.23
26 22 13 00-0195	EA	750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 V, 4 Taps, Oil Filled, 3 Phase	16,591.30	2,327.54
26 22 13 00-0196	EA	1000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 V, 4 Taps, Oil Filled, 3 Phase	20,968.90	3,400.88
26 22 13 00-0197	EA	1500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 V, 4 Taps, Oil Filled, 3 Phase	24,397.42	3,847.54
26 22 13 00-0198	EA	2000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 V, 4 Taps, Oil Filled, 3 Phase	29,984.74	4,422.47
26 22 13 00-0199	EA	2500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 V, 4 Taps, Oil Filled, 3 Phase	32,753.61	4,643.59
26 22 13 00-0200	EA	3000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 V, 4 Taps, Oil Filled, 3 Phase	35,016.70	5,174.46
26 22 13 00-0201	EA	3750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 V, 4 Taps, Oil Filled, 3 Phase	39,602.09	5,528.26
26 22 13 00-0202		**Pad Mounted Transformer 15 KV-480 V Oil Filled** *(26 22 13 00-0152)*		
26 22 13 00-0203	EA	1500 KVA Pad Mounted Transformer, 15 KV - 480 V Oil Filled	34,720.98	3,747.69
26 22 13 00-0204	EA	2000 KVA Pad Mounted Transformer, 15 KV - 480 V Oil Filled	42,428.31	4,309.86
26 22 13 00-0205	EA	2500 KVA Pad Mounted Transformer, 15 KV - 480 V Oil Filled	47,885.91	4,536.66
26 22 13 00-0206	EA	3000 KVA Pad Mounted Transformer, 15 KV - 480 V Oil Filled	51,108.55	5,070.41
26 22 13 00-0207	EA	3750 KVA Pad Mounted Transformer, 15 KV - 480 V Oil Filled	56,846.43	5,224.05
26 22 13 00-0208		**Silicone Filled Distribution Transformers, 3 Phase** *(26 22 13 00-0152)* Note: Primary 5 KV or 15 KV, secondary 277/480 V, 4-2.5 percent taps FCAN and FCBN. Pad mounted.		
26 22 13 00-0209	EA	225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 V, 4 Taps, Silicon Filled, 3 Phase	14,986.57	1,608.01
26 22 13 00-0210	EA	300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 V, 4 Taps, Silicon Filled, 3 Phase	16,450.50	1,965.34
26 22 13 00-0211	EA	500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 V, 4 Taps, Silicon Filled, 3 Phase	19,145.69	2,211.23
26 22 13 00-0212	EA	750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 V, 4 Taps, Silicon Filled, 3 Phase	22,665.48	2,327.54
26 22 13 00-0213	EA	1000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 V, 4 Taps, Silicon Filled, 3 Phase	28,101.10	3,400.88
26 22 13 00-0214	EA	1500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 V, 4 Taps, Silicon Filled, 3 Phase	34,967.32	3,847.54
26 22 13 00-0215	EA	2000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 V, 4 Taps, Silicon Filled, 3 Phase	42,194.74	4,422.47
26 22 13 00-0216	EA	2500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 V, 4 Taps, Silicon Filled, 3 Phase	47,631.39	4,643.59
26 22 13 00-0217		**Foam Core Poly Transformer Pads** *(26 22 13)*		
26 22 13 00-0218	EA	Single Phase Foam Core Poly Pads Note: Excludes site prep.	138.99	28.82

26 24 Switchboards And Panelboards *(26 20)*

26 24 13 Switchboards *(26 24)*

Note: Installation of free-standing building distribution switchboards. Switchboard sections to be mounted on 4" concrete pad. Includes material, handling, unloading at job site, assembly and installation, wiring connections, testing and cleanup. Exclude concrete pad and foundation.

26 24 13 00-0001 Fusible Switch Type 240 Volt, 3 Phase, 3 Wire *(26 24 13)*

26 24 13 00-0002 Incoming Service Section Main Device Only *(26 24 13 00-0001)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0003	EA	400 Amp Distribution Switchboard With Main Switch, 240 V, 3 Phase, 4 Wire	2,813.26	721.14
26 24 13 00-0004	EA	600 Amp Distribution Switchboard With Main Switch, 240 V, 3 Phase, 4 Wire	3,110.19	762.79
26 24 13 00-0005	EA	800 Amp Distribution Switchboard With Main Switch, 240 V, 3 Phase, 4 Wire	4,983.04	865.26
26 24 13 00-0006	EA	1200 Amp Distribution Switchboard With Main Switch, 240 V, 3 Phase, 4 Wire	5,367.30	927.59
26 24 13 00-0007	EA	1600 Amp Distribution Switchboard With Main Switch, 240 V, 3 Phase, 4 Wire	8,557.47	989.01
26 24 13 00-0008	EA	2000 Amp Distribution Switchboard With Main Switch, 240 V, 3 Phase, 4 Wire	9,536.55	1,051.59
26 24 13 00-0009	EA	400 Amp Distribution Switchboard With MC Main Breaker, 240 V, 3 Phase, 4 Wire	3,389.37	721.14
26 24 13 00-0010	EA	600 Amp Distribution Switchboard With MC Main Breaker, 240 V, 3 Phase, 4 Wire	4,324.35	762.79
26 24 13 00-0011	EA	800 Amp Distribution Switchboard With MC Main Breaker, 240 V, 3 Phase, 4 Wire	6,005.55	866.00
26 24 13 00-0012	EA	1200 Amp Distribution Switchboard With MC Main Breaker, 240 V, 3 Phase, 4 Wire	8,187.09	927.59
26 24 13 00-0013	EA	1600 Amp Distribution Switchboard With MC Main Breaker, 240 V, 3 Phase, 4 Wire	8,557.47	990.00
26 24 13 00-0014	EA	2000 Amp Distribution Switchboard With MC Main Breaker, 240 V, 3 Phase, 4 Wire	9,536.55	1,051.59

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0015	EA	2500 Amp Distribution Switchboard With MC Main Breaker, 240 V, 3 Phase, 4 Wire	11,442.90	1,099.40
26 24 13 00-0016	EA	3000 Amp Distribution Switchboard With MC Main Breaker, 240 V, 3 Phase, 4 Wire	12,965.60	1,177.81
26 24 13 00-0017	EA	4000 Amp Distribution Switchboard With MC Main Breaker, 240 V, 3 Phase, 4 Wire	15,290.79	1,269.66
26 24 13 00-0018	EA	400 Amp Distribution Switchboard With Main Lug, 240 V, 3 Phase, 4 Wire	1,926.43	638.95
26 24 13 00-0019	EA	600 Amp Distribution Switchboard With Main Lug, 240 V, 3 Phase, 4 Wire	2,124.93	680.25
26 24 13 00-0020	EA	800 Amp Distribution Switchboard With Main Lug, 240 V, 3 Phase, 4 Wire	2,434.39	783.06
26 24 13 00-0021	EA	1000 Amp Distribution Switchboard With Main Lug, 240 V, 3 Phase, 4 Wire	2,622.09	815.96
26 24 13 00-0022	EA	1200 Amp Distribution Switchboard With Main Lug, 240 V, 3 Phase, 4 Wire	2,789.09	845.39
26 24 13 00-0023	EA	1600 Amp Distribution Switchboard With Main Lug, 240 V, 3 Phase, 4 Wire	3,053.72	906.40
26 24 13 00-0024	EA	2000 Amp Distribution Switchboard With Main Lug, 240 V, 3 Phase, 4 Wire	3,301.18	968.57

26 24 13 00-0025 Branch Breaker Units *(26 24 13 00-0001)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0026	EA	15-60 Amp MC Branch Breaker, 240 V	237.26	25.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.09*	
26 24 13 00-0027	EA	70-100 Amp MC Branch Breaker, 240 V	347.92	39.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.75*	
26 24 13 00-0028	EA	125-225 Amp MC Branch Breaker, 240 V	930.73	72.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.28*	
26 24 13 00-0029	EA	100-400 Amp MC Branch Breaker, 240 V	1,648.70	93.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.39*	
26 24 13 00-0030	EA	300-600 Amp MC Branch Breaker, 240 V	2,943.69	230.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.49*	
26 24 13 00-0031	EA	400-800 Amp MC Branch Breaker, 240 V	4,697.74	230.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.49*	
26 24 13 00-0032	EA	600-1200 Amp MC Branch Breaker, 240 V	7,620.45	411.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*246.84*	

26 24 13 00-0033 Fusible Switch Type 480 Volt, 3 Phase, 3 Wire *(26 24 13)*

26 24 13 00-0034 Incoming Service Section Main Device Only *(26 24 13 00-0033)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0035	EA	400 Amp Distribution Switchboard With Main Switch, 480 V, 3 Phase, 3 Wire	3,979.20	935.76
26 24 13 00-0036	EA	600 Amp Distribution Switchboard With Main Switch, 480 V, 3 Phase, 3 Wire	4,439.67	935.76
26 24 13 00-0037	EA	800 Amp Distribution Switchboard With Main Switch, 480 V, 3 Phase, 3 Wire	6,536.29	1,216.07
26 24 13 00-0038	EA	1200 Amp Distribution Switchboard With Main Switch, 480 V, 3 Phase, 3 Wire	7,399.54	1,216.07

26 24 13 00-0039 Fusible Switch Type 120/240 Volt, 1 Phase, 3 Wire *(26 24 13)*

26 24 13 00-0040 Incoming Service Section Main Device Only *(26 24 13 00-0039)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0041	EA	200/400 Amp Distribution Switchboard With Main Switch, 120 / 240 V, 1 Phase, 3 Wire	2,530.54	638.95
26 24 13 00-0042	EA	600 Amp Distribution Switchboard With Main Switch, 120 / 240 V, 1 Phase, 3 Wire	2,814.20	680.25
26 24 13 00-0043	EA	800 Amp Distribution Switchboard With Main Switch, 120 / 240 V, 1 Phase, 3 Wire	4,283.16	783.06
26 24 13 00-0044	EA	1200 Amp Distribution Switchboard With Main Switch, 120 / 240 V, 1 Phase, 3 Wire	4,652.98	844.73
26 24 13 00-0045	EA	200/400 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 V, 1 Phase, 3 Wire	3,077.44	638.95
26 24 13 00-0046	EA	600 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 V, 1 Phase, 3 Wire	3,872.94	680.25
26 24 13 00-0047	EA	800 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 V, 1 Phase, 3 Wire	5,419.02	783.06
26 24 13 00-0048	EA	1200 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 V, 1 Phase, 3 Wire	7,750.89	844.73
26 24 13 00-0049	EA	2000 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 V, 1 Phase, 3 Wire	9,094.65	948.12
26 24 13 00-0050	EA	200/400 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	1,783.69	556.42
26 24 13 00-0051	EA	600 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	1,996.03	597.80
26 24 13 00-0052	EA	800 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	2,343.05	700.62
26 24 13 00-0053	EA	1000 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	2,519.88	733.51
26 24 13 00-0054	EA	1200 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	2,690.71	762.79
26 24 13 00-0055	EA	1600 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	2,918.54	815.96
26 24 13 00-0056	EA	2000 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	3,141.06	865.26
26 24 13 00-0057	EA	2500 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	3,898.78	1,071.78
26 24 13 00-0058	EA	3000 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	4,361.32	1,174.84
26 24 13 00-0059	EA	4000 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	5,119.09	1,267.59

26 24 13 00-0060 Branch Breaker Units *(26 24 13 00-0039)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 2 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0061	EA	15-60 Amp MC Branch Breaker, 120 / 240 V	128.54	21.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.11*	
26 24 13 00-0062	EA	70-100 Amp MC Branch Breaker, 120 / 240 V	204.37	36.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 24 13 00-0063	EA	125-225 Amp MC Branch Breaker, 120 / 240 V	615.59	50.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.42*	
26 24 13 00-0064	EA	100-400 Amp MC Branch Breaker, 120 / 240 V	1,760.43	65.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.08*	
26 24 13 00-0065	EA	300-600 Amp MC Branch Breaker, 120 / 240 V	2,779.60	158.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.22*	
26 24 13 00-0066	EA	400-800 Amp MC Branch Breaker, 120 / 240 V	3,943.51	158.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.22*	
26 24 13 00-0067	EA	600-1200 Amp MC Branch Breaker, 120 / 240 V	6,507.38	302.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*181.81*	

26 24 13 00-0068 Fusible Switch Type 120/208 Volt, 3 Phase, 4 Wire *(26 24 13)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0069		Incoming Service Section Main Device Only *(26 24 13 00-0068)* Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0070	EA	400 Amp Distribution Switchboard With Main Switch, 120 / 208 V, 3 Phase, 4 Wire	2,814.27	721.14
26 24 13 00-0071	EA	600 Amp Distribution Switchboard With Main Switch, 120 / 208 V, 3 Phase, 4 Wire	3,109.06	762.79
26 24 13 00-0072	EA	800 Amp Distribution Switchboard With Main Switch, 120 / 208 V, 3 Phase, 4 Wire	4,981.58	865.26
26 24 13 00-0073	EA	1200 Amp Distribution Switchboard With Main Switch, 120 / 208 V, 3 Phase, 4 Wire	5,365.63	927.59
26 24 13 00-0074	EA	1600 Amp Distribution Switchboard With Main Switch, 120 / 208 V, 3 Phase, 4 Wire	8,553.67	989.01
26 24 13 00-0075	EA	2000 Amp Distribution Switchboard With Main Switch, 120 / 208 V, 3 Phase, 4 Wire	9,536.55	1,051.59
26 24 13 00-0076	EA	400 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 V, 3 Phase, 4 Wire	3,390.38	721.14
26 24 13 00-0077	EA	600 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 V, 3 Phase, 4 Wire	4,323.22	762.79
26 24 13 00-0078	EA	800 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 V, 3 Phase, 4 Wire	6,005.55	866.00
26 24 13 00-0079	EA	1200 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 V, 3 Phase, 4 Wire	8,185.42	927.59
26 24 13 00-0080	EA	1600 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 V, 3 Phase, 4 Wire	8,555.56	990.00
26 24 13 00-0081	EA	2000 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 V, 3 Phase, 4 Wire	9,536.55	1,051.59
26 24 13 00-0082	EA	400 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	2,017.53	638.95
26 24 13 00-0083	EA	600 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	2,252.11	680.25
26 24 13 00-0084	EA	800 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	2,624.94	783.06
26 24 13 00-0085	EA	1000 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	2,821.55	815.96
26 24 13 00-0086	EA	1200 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	3,011.33	845.39
26 24 13 00-0087	EA	1600 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	3,267.67	906.40
26 24 13 00-0088	EA	2000 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	3,527.59	968.57
26 24 13 00-0089	EA	2500 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	4,182.38	1,100.65
26 24 13 00-0090	EA	3000 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	4,623.26	1,177.73
26 24 13 00-0091	EA	4000 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	5,445.66	1,265.53
26 24 13 00-0092		Branch Breaker Units *(26 24 13 00-0068)* Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 120/208 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0093	EA	15-60 Amp MC Branch Breaker, 120/208 V	237.26	25.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.09*	
26 24 13 00-0094	EA	70-100 Amp MC Branch Breaker, 120/208 V	347.92	39.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.75*	
26 24 13 00-0095	EA	125-225 Amp MC Branch Breaker, 120/208 V	930.73	72.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.28*	
26 24 13 00-0096	EA	100-400 Amp MC Branch Breaker, 120/208 V	1,648.70	93.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.39*	
26 24 13 00-0097	EA	300-600 Amp MC Branch Breaker, 120/208 V	2,943.69	230.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.49*	
26 24 13 00-0098	EA	400-800 Amp MC Branch Breaker, 120/208 V	4,697.74	230.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.49*	
26 24 13 00-0099	EA	600-1200 Amp MC Branch Breaker, 120/208 V	7,620.45	411.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*246.84*	
26 24 13 00-0100		Fusible Switch Type 277/480 Volt, 3 Phase, 4 Wire *(26 24 13)*		
26 24 13 00-0101		Incoming Service Section Main Device Only *(26 24 13 00-0100)* Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0102	EA	400 Amp Distribution Switchboard With Main Switch, 480 / 277 V, 3 Phase, 4 Wire	3,653.80	989.01
26 24 13 00-0103	EA	600 Amp Distribution Switchboard With Main Switch, 480 / 277 V, 3 Phase, 4 Wire	4,006.81	1,051.59
26 24 13 00-0104	EA	800 Amp Distribution Switchboard With Main Switch, 480 / 277 V, 3 Phase, 4 Wire	5,665.13	1,173.77
26 24 13 00-0105	EA	1200 Amp Distribution Switchboard With Main Switch, 480 / 277 V, 3 Phase, 4 Wire	6,189.92	1,256.80
26 24 13 00-0106	EA	400 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 V, 3 Phase, 4 Wire	4,631.90	989.01
26 24 13 00-0107	EA	600 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 V, 3 Phase, 4 Wire	6,199.08	1,051.59
26 24 13 00-0108	EA	800 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 V, 3 Phase, 4 Wire	7,022.20	1,175.09
26 24 13 00-0109	EA	1200 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 V, 3 Phase, 4 Wire	8,843.78	1,256.80
26 24 13 00-0110	EA	1600 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 V, 3 Phase, 4 Wire	9,255.89	1,340.15
26 24 13 00-0111	EA	2000 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 V, 3 Phase, 4 Wire	10,280.22	1,423.41
26 24 13 00-0112	EA	400 Amp Distribution Switchboard With Main Lug, 480 / 277 V, 3 Phase, 4 Wire	2,017.53	638.95
26 24 13 00-0113	EA	600 Amp Distribution Switchboard With Main Lug, 480 / 277 V, 3 Phase, 4 Wire	2,252.11	680.25
26 24 13 00-0114	EA	800 Amp Distribution Switchboard With Main Lug, 480 / 277 V, 3 Phase, 4 Wire	2,624.94	783.06
26 24 13 00-0115	EA	1000 Amp Distribution Switchboard With Main Lug, 480 / 277 V, 3 Phase, 4 Wire	2,821.55	815.96
26 24 13 00-0116	EA	1200 Amp Distribution Switchboard With Main Lug, 480 / 277 V, 3 Phase, 4 Wire	3,011.33	845.39
26 24 13 00-0117	EA	1600 Amp Distribution Switchboard With Main Lug, 480 / 277 V, 3 Phase, 4 Wire	3,267.67	906.40
26 24 13 00-0118	EA	2000 Amp Distribution Switchboard With Main Lug, 480 / 277 V, 3 Phase, 4 Wire	3,527.59	968.57
26 24 13 00-0119		Branch Breaker Units *(26 24 13 00-0100)* Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 480 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0120	EA	15-60 Amp MC Branch Breaker, 480 / 277 V	488.51	25.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.09*	
26 24 13 00-0121	EA	70-100 Amp MC Branch Breaker, 480 / 277 V	564.11	39.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.75*	
26 24 13 00-0122	EA	125-225 Amp MC Branch Breaker, 480 / 277 V	1,023.05	72.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.28*	
26 24 13 00-0123	EA	100-400 Amp MC Branch Breaker, 480 / 277 V	1,648.70	93.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.39*	
26 24 13 00-0124	EA	300-600 Amp MC Branch Breaker, 480 / 277 V	3,951.01	230.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.49*	
26 24 13 00-0125	EA	400-800 Amp MC Branch Breaker, 480 / 277 V	4,040.99	230.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.49*	
26 24 13 00-0126	EA	600-1200 Amp MC Branch Breaker, 480 / 277 V	6,488.09	411.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*246.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0127		Fusible Branch Circuit Switch *(26 24 13)*		
		Note: Includes switch fuses, and portion of distribution section occupied by that branch device.		
26 24 13 00-0128		240 V, 2 Pole Twin Branch Switch Units *(26 24 13 00-0127)*		
26 24 13 00-0129	EA	30/30 Amp, 240 V, 2 Pole Twin Branch Switch Unit	507.09	64.72
		For Electrical Interlock Kit, Add	*204.29*	
26 24 13 00-0130	EA	30/60 Amp, 240 V, 2 Pole Twin Branch Switch Unit	505.34	64.72
		For Electrical Interlock Kit, Add	*204.29*	
26 24 13 00-0131	EA	60/60 Amp, 240 V, 2 Pole Twin Branch Switch Unit	505.34	64.72
		For Electrical Interlock Kit, Add	*204.29*	
26 24 13 00-0132	EA	60/100 Amp, 240 V, 2 Pole Twin Branch Switch Unit	791.54	85.33
		For Electrical Interlock Kit, Add	*204.29*	
26 24 13 00-0133	EA	100/100 Amp, 240 V, 2 Pole Twin Branch Switch Unit	791.54	85.33
		For Electrical Interlock Kit, Add	*204.29*	
26 24 13 00-0134		240 V, 2 Pole Single Branch Switch Units *(26 24 13 00-0127)*		
26 24 13 00-0135	EA	100 Amp, 240 V, 2 Pole Single Branch Switch Unit	579.04	63.48
		For Electrical Interlock Kit, Add	*195.71*	
26 24 13 00-0136	EA	200 Amp, 240 V, 2 Pole Single Branch Switch Unit	841.47	63.48
		For Electrical Interlock Kit, Add	*195.71*	
26 24 13 00-0137	EA	400 Amp, 240 V, 2 Pole Single Branch Switch Unit	2,163.59	171.07
26 24 13 00-0138		240 V, 3 Pole Twin Branch Switch Units *(26 24 13 00-0127)*		
26 24 13 00-0139	EA	30/30 Amp, 240 V, 3 Pole Twin Branch Switch Unit	648.85	72.96
		For Electrical Interlock Kit, Add	*204.29*	
26 24 13 00-0140	EA	30/60 Amp, 240 V, 3 Pole Twin Branch Switch Unit	647.10	72.96
		For Electrical Interlock Kit, Add	*204.29*	
26 24 13 00-0141	EA	60/60 Amp, 240 V, 3 Pole Twin Branch Switch Unit	647.10	72.96
		For Electrical Interlock Kit, Add	*204.29*	
26 24 13 00-0142	EA	60/100 Amp, 240 V, 3 Pole Twin Branch Switch Unit	973.62	97.70
		For Electrical Interlock Kit, Add	*204.29*	
26 24 13 00-0143	EA	100/100 Amp, 240 V, 3 Pole Twin Branch Switch Unit	973.62	97.70
		For Electrical Interlock Kit, Add	*204.29*	
26 24 13 00-0144		240 V, 3 Pole Single Branch Switch Units *(26 24 13 00-0127)*		
26 24 13 00-0145	EA	100 Amp, 240 V, 3 Pole Single Branch Switch Unit	700.79	71.73
		For Electrical Interlock Kit, Add	*204.29*	
26 24 13 00-0146	EA	200 Amp, 240 V, 3 Pole Single Branch Switch Unit	1,128.60	71.73
		For Electrical Interlock Kit, Add	*195.71*	
26 24 13 00-0147	EA	400 Amp, 240 V, 3 Pole Single Branch Switch Unit	2,894.10	191.52
26 24 13 00-0148	EA	600 Amp, 240 V, 3 Pole Single Branch Switch Unit	4,130.19	245.35
26 24 13 00-0149	EA	800 Amp, 240 V, 3 Pole Single Branch Switch Unit	7,675.40	332.42
26 24 13 00-0150		600 V, 3 Pole Twin Branch Switch Units *(26 24 13 00-0127)*		
26 24 13 00-0151	EA	30/30 Amp, 600 V, 3 Pole Twin Branch Switch Unit	913.76	72.96
		For Electrical Interlock Kit, Add	*204.29*	
26 24 13 00-0152	EA	30/60 Amp, 600 V, 3 Pole Twin Branch Switch Unit	911.99	72.96
		For Electrical Interlock Kit, Add	*204.29*	
26 24 13 00-0153	EA	60/60 Amp, 600 V, 3 Pole Twin Branch Switch Unit	913.76	72.96
		For Electrical Interlock Kit, Add	*204.29*	
26 24 13 00-0154	EA	60/100 Amp, 600 V, 3 Pole Twin Branch Switch Unit	1,373.33	97.70
		For Electrical Interlock Kit, Add	*204.29*	
26 24 13 00-0155	EA	100/100 Amp, 600 V, 3 Pole Twin Branch Switch Unit	1,402.92	97.70
		For Electrical Interlock Kit, Add	*204.29*	
26 24 13 00-0156	EA	200/200 Amp, 600 V, 3 Pole Twin Branch Switch Unit	2,979.40	127.79
		For Electrical Interlock Kit, Add	*204.29*	
26 24 13 00-0157		600 V, 3 Pole Single Branch Switch Units *(26 24 13 00-0127)*		
26 24 13 00-0158	EA	100 Amp, 600 V, 3 Pole Single Branch Switch Unit	986.11	71.73
		For Electrical Interlock Kit, Add	*204.29*	
26 24 13 00-0159	EA	200 Amp, 600 V, 3 Pole Single Branch Switch Unit	1,490.83	71.73
		For Electrical Interlock Kit, Add	*195.71*	
26 24 13 00-0160	EA	400 Amp, 600 V, 3 Pole Single Branch Switch Unit	3,628.86	191.52
		For Electrical Interlock Kit, Add	*195.71*	
26 24 13 00-0161	EA	600 Amp, 600 V, 3 Pole Single Branch Switch Unit	4,408.30	245.35
26 24 13 00-0162	EA	800 Amp, 600 V, 3 Pole Single Branch Switch Unit	7,675.40	332.42
26 24 13 00-0163		Service And Distribution Structures *(26 24 13)*		
26 24 13 00-0164		Type WRI Distribution Section 600 Volts, 250 Volts DC *(26 24 13 00-0163)*		
26 24 13 00-0165		600 Amp Main Bus, 4 Wire *(26 24 13 00-0164)*		
26 24 13 00-0166	EA	14 W Distribution Section, 600 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	1,900.65	758.50
26 24 13 00-0167	EA	24-30 W Distribution Section, 600 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	2,261.47	758.50
26 24 13 00-0168	EA	34-38 W Distribution Section, 600 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	2,518.58	964.61
26 24 13 00-0169	EA	42-48 W Distribution Section, 600 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	2,784.93	964.61
26 24 13 00-0170		800 Amp Main Bus, 4 Wire *(26 24 13 00-0164)*		
26 24 13 00-0171	EA	14 W Distribution Section, 800 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	2,143.04	878.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0172	EA	24-30 W Distribution Section, 800 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	2,493.33	878.04
26 24 13 00-0173	EA	34-38 W Distribution Section, 800 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	2,784.93	1,088.28
26 24 13 00-0174	EA	42-48 W Distribution Section, 800 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	3,024.20	1,088.28
26 24 13 00-0175		1200 Amp Main Bus, 4 Wire *(26 24 13 00-0164)*		
26 24 13 00-0176	EA	14 W Distribution Section, 1200 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	2,518.20	1,071.78
26 24 13 00-0177	EA	24-30 W Distribution Section, 1200 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	2,877.49	1,071.78
26 24 13 00-0178	EA	34-38 W Distribution Section, 1200 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	3,187.78	1,319.12
26 24 13 00-0179	EA	42-48 W Distribution Section, 1200 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	3,538.32	1,319.12
26 24 13 00-0180		1600 Amp Main Bus, 4 Wire *(26 24 13 00-0164)*		
26 24 13 00-0181	EA	14 W Distribution Section, 1600 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	3,091.54	1,174.84
26 24 13 00-0182	EA	24-30 W Distribution Section, 1600 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	3,522.87	1,174.84
26 24 13 00-0183	EA	34-38 W Distribution Section, 1600 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	3,892.41	1,451.03
26 24 13 00-0184	EA	42-48 W Distribution Section, 1600 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	4,197.76	1,451.03
26 24 13 00-0185		2000 Amp Main Bus, 4 Wire *(26 24 13 00-0164)*		
26 24 13 00-0186	EA	14 W Distribution Section, 2000 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	3,244.38	1,178.96
26 24 13 00-0187	EA	24-30 W Distribution Section, 2000 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	3,711.62	1,327.37
26 24 13 00-0188	EA	34-38 W Distribution Section, 2000 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	3,786.71	1,327.37
26 24 13 00-0189	EA	42-48 W Distribution Section, 2000 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	3,948.50	1,401.56
26 24 13 00-0190		3000 Amp Main Bus, 4 Wire *(26 24 13 00-0164)*		
26 24 13 00-0191	EA	24-30 W Distribution Section, 3000 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	4,425.51	1,327.37
26 24 13 00-0192	EA	34-38 W Distribution Section, 3000 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	4,499.48	1,327.37
26 24 13 00-0193	EA	42-48 W Distribution Section, 3000 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	4,661.27	1,401.56
26 24 13 00-0194		4000 Amp Main Bus, 4 Wire *(26 24 13 00-0164)*		
26 24 13 00-0195	EA	24-30 W Distribution Section, 4000 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	4,531.21	1,401.56
26 24 13 00-0196	EA	34-38 W Distribution Section, 4000 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	4,661.27	1,401.56
26 24 13 00-0197	EA	42-48 W Distribution Section, 4000 A Main Bus, 4 Wire, Type WRI, 600 VAC, 250 VDC	4,719.69	1,401.56
26 24 13 00-0198		Pull Boy, Horizontal Mounted Across Top Of Switch Board *(26 24 13 00-0164)*		
26 24 13 00-0199	EA	18 - 24" Wide, 30" High, Open Bottom, Pull Boy Horizontal Mounted, Top Of Switchboard	396.63	98.93
26 24 13 00-0200	EA	Drilled Bottom	447.37	98.93
26 24 13 00-0201	EA	Cable Supports In Pull Box	157.87	24.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.74*	
26 24 13 00-0202		Underground Pull Sections *(26 24 13 00-0164)*		
		Note: Excludes no bus or terminal.		
26 24 13 00-0203	EA	12 - 20" Wide, 15 - 20" Deep Underground Pull Section Without Bus Or Terminal	386.85	115.42
26 24 13 00-0204	EA	24 - 28" Wide, 20" Deep Underground Pull Section Without Bus Or Terminal	664.35	148.40
26 24 13 00-0205	EA	24 - 28" Wide, 30" Deep Underground Pull Section Without Bus Or Terminal	664.35	148.40
26 24 13 00-0206	EA	14 - 20" Wide, 36" Deep Underground Pull Section Without Bus Or Terminal	499.39	115.42
26 24 13 00-0207	EA	28 - 30" Wide, 36" Deep Underground Pull Section Without Bus Or Terminal	711.37	169.01
26 24 13 00-0208	EA	14 - 20" Wide, 42 - 60" Deep Underground Pull Section Without Bus Or Terminal	813.25	169.01
26 24 13 00-0209	EA	26 - 30" Wide, 42 - 60" Deep Underground Pull Section Without Bus Or Terminal	854.19	218.48
26 24 13 00-0210	EA	38" Wide, 42 - 60" Deep Underground Pull Section Without Bus Or Terminal	904.07	218.48
26 24 13 00-0211		Switchboard Sections *(26 24 13 00-0163)*		
26 24 13 00-0212	EA	Switchboard Incoming No Switch Circuit 480 V, 4 Wire, 600 A	3,090.04	687.02
26 24 13 00-0213	EA	Switchboard Incoming No Switch Circuit 480 V, 4 Wire, 800 A	3,383.61	746.79
26 24 13 00-0214	EA	Switchboard Incoming No Switch Circuit 480 V, 4 Wire, 1200 A	4,246.13	954.22
26 24 13 00-0215	EA	Switchboard Incoming No Switch Circuit 480 V, 4 Wire, 1600 A	4,643.45	1,040.95
26 24 13 00-0216	EA	Switchboard Incoming No Switch Circuit 480 V, 4 Wire, 2000 A	4,951.86	1,108.14
26 24 13 00-0217	EA	Switchboard Incoming For Switch Circuit Section 480 V, 400 A	3,642.50	602.68
26 24 13 00-0218	EA	Distribution Section Subfeeder Lug-Rated At 200A	2,109.98	572.50
26 24 13 00-0219	EA	Distribution Section Subfeeder Lug-Rated At 400A	2,335.87	620.81
26 24 13 00-0220	EA	Distribution Section Aluminum Bus 120/208 Or 277/480V, 4 Wire	2,903.33	687.02
26 24 13 00-0221	EA	Switchboard Distribution Section Aluminum Bus Less Breaker 800A	3,155.64	688.83
26 24 13 00-0222	EA	Switchboard Distribution Section Aluminum Bus Less Breaker 1000A	3,482.13	769.05
26 24 13 00-0223	EA	Feed Section Circuit Breaker FA Frame 15 To 60A 240V 1P	119.73	41.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.18*	
26 24 13 00-0224	EA	Feed Section Circuit Breaker FA Frame 70 To 100A 240V 3P	145.89	41.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.74*	
26 24 13 00-0225	EA	Feed Section Circuit Breaker KA Frame 70 To 225A 480V 3P	656.25	49.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.08*	
26 24 13 00-0226	EA	Feed Section Circuit Breaker LA Frame 125 To 400A 480V 3P	1,083.28	106.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.23*	
26 24 13 00-0227	EA	Switchboard Feed Section Branch Circuit Breaker 240V HIC 3P 100A	435.36	148.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.53*	
26 24 13 00-0228	EA	Switchboard Feed Section Branch Circuit Breaker 240V HIC 3P 225A	1,208.35	85.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.08*	
26 24 13 00-0229		Switchboard, Structure Per Section Copper 480 V *(26 24 13 00-0163)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0230	EA	225 A Switchboard, Structure Per Section, Copper, 480 V	1,602.12	357.81
26 24 13 00-0231	EA	400 A Switchboard, Structure Per Section, Copper, 480 V	2,275.05	483.87
26 24 13 00-0232	EA	600 A Switchboard, Structure Per Section, Copper, 480 V	2,559.50	588.90
26 24 13 00-0233	EA	800 A Switchboard, Structure Per Section, Copper, 480 V	3,240.61	824.45
26 24 13 00-0234	EA	1200 A Switchboard, Structure Per Section, Copper, 480 V	4,017.09	1,030.56
26 24 13 00-0235	EA	1600 A Switchboard, Structure Per Section, Copper, 480 V	4,411.07	1,030.56
26 24 13 00-0236	EA	2000 A Switchboard, Structure Per Section, Copper, 480 V	5,461.42	1,374.11
26 24 13 00-0237	EA	2500 A Switchboard, Structure Per Section, Copper, 480 V	6,216.86	1,374.11
26 24 13 00-0238	EA	3000 A Switchboard, Structure Per Section, Copper, 480 V	7,313.63	1,635.79
26 24 13 00-0239	EA	4000 A Switchboard, Structure Per Section, Copper, 480 V	8,703.71	1,635.79

26 24 13 00-0240 Main Devices *(26 24 13)*

26 24 13 00-0241 Power Circuit Breakers *(26 24 13 00-0240)*

26 24 13 00-0242 DSL Breaker With Current Limiters And Amptector *(26 24 13 00-0241)*

Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.

26 24 13 00-0243	EA	50-800 A DSL-206, Main Breaker With Current Limiter, Amptector Static Trip	5,562.74	865.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*518.31*	
26 24 13 00-0244	EA	50-1600 A DSL-416, Main Breaker With Current Limiter, Amptector Static Trip	10,130.29	1,442.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*864.81*	
26 24 13 00-0245	EA	1200-3200 A DSL-632, Main Breaker With Current Limiter, Amptector Static Trip	22,688.67	2,423.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,441.35*	
26 24 13 00-0246	EA	4000 A DSL-840, Main Breaker With Current Limiter, Amptector Static Trip	36,569.04	3,924.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,396.66*	
26 24 13 00-0247	EA	Ground-Fault Trip All Power Breakers - Factory Installed	1,891.75	
26 24 13 00-0248	EA	Key Interlock All Power Breakers - Factory Installed	244.31	
26 24 13 00-0249	EA	Short Time Delay Selective Trip - Factory Installed	320.52	
26 24 13 00-0250	EA	Shunt Trip Manually Open Breakers - Factory Installed	230.86	

26 24 13 00-0251 DSL Breaker Electrical Operated And Amptector *(26 24 13 00-0241)*

Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.

26 24 13 00-0252	EA	50-800 A DSL-206, Main Breaker, Electrical Operated With Amptector Static Trip	6,502.45	906.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*546.72*	
26 24 13 00-0253	EA	50-1600 A DSL-416, Main Breaker, Electrical Operated With Amptector Static Trip	12,052.71	1,525.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*910.66*	
26 24 13 00-0254	EA	1200-3200 A DSL-632, Main Breaker, Electrical Operated With Amptector Static Trip	25,463.16	2,514.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,515.54*	
26 24 13 00-0255	EA	4000 A DSL-840, Main Breaker, Electrical Operated With Amptector Static Trip	39,374.17	4,122.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,534.17*	

26 24 13 00-0256 DS Breakers With Amptector Static Trip, Manually Operated *(26 24 13 00-0241)*

Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted manually operated.

26 24 13 00-0257	EA	50-800 A DS-206, Main Breaker With Groundfault, Amptector Static Trip	4,443.28	791.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*475.65*	
26 24 13 00-0258	EA	50-1600 A DS-416, Main Breaker With Groundfault, Amptector Static Trip	8,110.38	1,327.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*792.74*	
26 24 13 00-0259	EA	2000 A DS-420, Main Breaker With Groundfault, Amptector Static Trip	12,057.40	2,226.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,321.24*	
26 24 13 00-0260	EA	1200-3200 A DS-632, Main Breaker With Groundfault, Amptector Static Trip	20,789.01	3,586.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,200.49*	
26 24 13 00-0261	EA	4000 A DS-840, Main Breaker With Groundfault, Amptector Static Trip	33,850.25	5,853.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,658.81*	

26 24 13 00-0262 DS Breakers With Amptector Static Trip, Electrically Operated *(26 24 13 00-0241)*

Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted electrical operated.

26 24 13 00-0263	EA	50-800 A DS-206, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	5,215.00	758.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*453.66*	
26 24 13 00-0264	EA	50-1600 A DS-416, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	9,710.15	1,269.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*755.92*	
26 24 13 00-0265	EA	2000 A DS-420, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	13,873.57	2,110.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,261.91*	
26 24 13 00-0266	EA	1200-3200 A DS-632, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	22,902.20	3,437.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,103.19*	
26 24 13 00-0267	EA	4000 A DS-840, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	35,869.95	5,894.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,513.29*	

26 24 13 00-0268 Molded Case Circuit Breakers Conventional *(26 24 13 00-0241)*

26 24 13 00-0269	EA	70-225 A 3 Pole Molded Case Circuit Breaker Conventional	1,936.06	692.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*398.93*	
26 24 13 00-0270	EA	125-400 A 3 Pole Molded Case Circuit Breaker Conventional	2,794.61	692.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*433.92*	
26 24 13 00-0271	EA	300-600 A 3 Pole Molded Case Circuit Breaker Conventional	3,098.44	824.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*475.65*	
26 24 13 00-0272	EA	400-800 A 3 Pole Molded Case Circuit Breaker Conventional	3,670.99	824.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*515.28*	
26 24 13 00-0273	EA	600-1200 A 3 Pole Molded Case Circuit Breaker Conventional	5,399.07	989.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*564.69*	
26 24 13 00-0274	EA	1000-2000 A 3 Pole Molded Case Circuit Breaker Conventional	8,654.87	989.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*624.58*	
26 24 13 00-0275	EA	Shunt Trip, Factory Installed	242.07	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0276	EA	Groundfault Trip Complete Interrupting Circuit, Factory Installed	56.04	

26 24 13 00-0277 Switchboard Branch Breaker 480 V *(26 24 13 00-0240)*

26 24 13 00-0278	EA	60 A, 3 Phase, 480 V Switchboard Branch Breaker	391.74	59.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.85*	
26 24 13 00-0279	EA	100 A, 3 Phase, 480 V Switchboard Branch Breaker	463.33	79.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.57*	
26 24 13 00-0280	EA	225 A, 3 Phase, 480 V Switchboard Branch Breaker	1,324.14	119.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.65*	
26 24 13 00-0281	EA	400 A, 3 Phase, 480 V Switchboard Branch Breaker	1,749.13	149.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.87*	
26 24 13 00-0282	EA	600 A, 3 Phase, 480 V Switchboard Branch Breaker	2,119.86	200.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*120.53*	
26 24 13 00-0283	EA	800 A, 3 Phase, 480 V Switchboard Branch Breaker	2,562.30	257.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*154.58*	
26 24 13 00-0284	EA	1000 A, 3 Phase, 480 V Switchboard Branch Breaker	4,118.22	392.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*235.56*	
26 24 13 00-0285	EA	1200 A, 3 Phase, 480 V Switchboard Branch Breaker	4,118.22	392.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*235.56*	
26 24 13 00-0286	EA	1600 A, 3 Phase, 480 V Switchboard Branch Breaker	5,775.90	549.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*329.78*	
26 24 13 00-0287	EA	2000 A, 3 Phase, 480 V Switchboard Branch Breaker	7,226.86	824.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*494.67*	

26 24 13 00-0288 Switchboard 277/480 V Main Breaker *(26 24 13 00-0240)*

26 24 13 00-0289	EA	400 A Switchboard 277/480 V Main Breaker	4,664.75	357.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*214.70*	
26 24 13 00-0290	EA	600 A Switchboard 277/480 V Main Breaker	4,732.78	391.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*235.11*	
26 24 13 00-0291	EA	800 A Switchboard 277/480 V Main Breaker	5,126.87	588.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*353.34*	
26 24 13 00-0292	EA	1200 A Switchboard 277/480 V Main Breaker	8,743.31	824.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*494.67*	
26 24 13 00-0293	EA	1600 A Switchboard 277/480 V Main Breaker	8,918.41	912.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*547.20*	
26 24 13 00-0294	EA	2000 A Switchboard 277/480 V Main Breaker	11,835.10	1,635.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*981.49*	

26 24 13 00-0295 Branch Or Distribution Devices *(26 24 13)*

26 24 13 00-0296 3 Pole, Panel Mounted, Molded Case Circuit Breakers *(26 24 13 00-0295)*

Note: Includes certified refurbished circuit breakers.

26 24 13 00-0297	EA	15-60 Amp, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	329.34	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 13 00-0298	EA	70-100 Amp, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	336.61	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 13 00-0299	EA	125-150 Amp, 600 Volt, Type FB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	784.82	44.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.68*	
26 24 13 00-0300	EA	70-225 Amp, 600 Volt, Type JDB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	1,134.10	57.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.34*	
26 24 13 00-0301	EA	125-400 Amp, 600 Volt, Type LBB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	1,593.40	71.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	
26 24 13 00-0302	EA	300-600 Amp, 600 Volt, Type LC, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	2,081.44	83.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.65*	
26 24 13 00-0303	EA	900-1000 Amp, 600 Volt, Type NB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	3,158.74	93.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.82*	

26 24 13 00-0304 2 Pole, Panel Mounted, Molded Case Circuit Breakers *(26 24 13 00-0295)*

Note: Includes certified refurbished circuit breakers.

26 24 13 00-0305	EA	15-60 Amp, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	227.94	22.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 13 00-0306	EA	70-100 Amp, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	293.48	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 13 00-0307	EA	125-150 Amp, 600 Volt, Type FB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	777.97	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 13 00-0308	EA	70-225 Amp, 600 Volt, Type JDB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	1,222.50	41.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.21*	
26 24 13 00-0309	EA	125-400 Amp, 600 Volt, Type LBB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	1,297.86	53.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.87*	
26 24 13 00-0310	EA	900-1000 Amp, 600 Volt, Type NB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	2,916.69	77.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.94*	

26 24 13 00-0311 Meter Devices And Instrumentation *(26 24 13)*

Note: Factory installed accessories.

26 24 13 00-0312 Instrument Transformers And Metering Compartments *(26 24 13 00-0311)*

26 24 13 00-0313	EA	800 A And Below Primary Current Transformer, With Compartment	292.50
26 24 13 00-0314	EA	1000 A - 1500 A Primary Current Transformer, With Compartment	422.51
26 24 13 00-0315	EA	2000 A - 6000 A Primary Current Transformer, With Compartment	497.59
26 24 13 00-0316	EA	Potential Transformer With 200 VA Max	358.63
26 24 13 00-0317	EA	Three Current Transformers, (5 To 800 A)	1,240.39
26 24 13 00-0318	EA	Three Current Transformers, (1000 To 1500A)	2,202.82
26 24 13 00-0319	EA	Three Current Transformers, (2000 To 4000A)	2,866.40

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0320		Instruments *(26 24 13 00-0311)*		
26 24 13 00-0321	EA	AC Voltmeter	398.97	
26 24 13 00-0322	EA	AC Ammeter	398.97	
26 24 13 00-0323	EA	AC Wattmeter	1,065.79	
26 24 13 00-0324	EA	Variometer	1,203.64	
26 24 13 00-0325	EA	Power Factor Meter	961.56	
26 24 13 00-0326	EA	Frequency Meter	1,061.31	
26 24 13 00-0327	EA	AC Watt-hour Meter Indicating 1 Or 2 Element With Test Block And Plug Block	1,350.45	
26 24 13 00-0328	EA	AC Watt-hour Meter Recording 2 Element With Recording KW Demand Type R-2	2,259.34	
26 24 13 00-0329	EA	Weatherproof, Modify Meter	2,199.20	
26 24 13 00-0330	EA	Control Switch Resistor Type 130 V	52.17	
26 24 13 00-0331	EA	Metering Instrument Volt, Amp And Watt Hour	2,725.33	

26 24 16 Panelboards *(26 24)*

26 24 16 00-0001 Branch Circuit Panelboard *(26 24 16)*
Note: Includes wiring connections, drilling hole (or removing knock-out on residential units), labeling and testing. All NEMA 3R panelboards include weatherproof hubs. Copper bussing.

26 24 16 00-0002 Assembled Lighting And Power Panelboards *(26 24 16 00-0001)*
Note: Includes main lugs or breaker (as indicated). 20 Amp, 1 pole branch circuit breakers (the number of which is indicated). Panelboard box, trim and connection of main service cable from meter.

26 24 16 00-0003 120/240 V, 3 Wire, 1 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0004	EA	100 Amp Rating, 8 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity	761.36	234.97
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0005	EA	100 Amp Rating, 10 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	877.09	234.97
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0006	EA	100 Amp Rating, 12 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	999.47	325.66
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0007	EA	100 Amp Rating, 14 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,116.28	325.66
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0008	EA	100 Amp Rating, 16 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,233.61	408.10
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0009	EA	100 Amp Rating, 18 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	1,356.30	408.10
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0010	EA	100 Amp Rating, 20 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	1,467.66	469.94
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0011	EA	225 Amp Rating, 22 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	1,758.14	601.85
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0012	EA	225 Amp Rating, 24 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	1,875.25	601.85
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0013	EA	225 Amp Rating, 26 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,308.55	688.42
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0014	EA	225 Amp Rating, 28 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	2,482.07	688.42
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0015	EA	225 Amp Rating, 30 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	2,589.59	774.98
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0016	EA	225 Amp Rating, 32 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	2,748.13	774.98
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0017	EA	225 Amp Rating, 34 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	2,853.25	857.43
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0018	EA	225 Amp Rating, 36 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,011.64	857.43
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0019	EA	225 Amp Rating, 38 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,188.39	948.12
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0020	EA	225 Amp Rating, 40 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	3,249.03	948.12
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0021	EA	225 Amp Rating, 42 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	3,460.94	948.12
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	

26 24 16 00-0022 120/240 V, 3 Wire, 1 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0023	EA	50 Amp Rating, 8 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity	826.32	226.72
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0024	EA	50 Amp Rating, 10 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity	943.84	226.72
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0025	EA	100 Amp Rating, 12 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	1,253.53	387.49
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0026	EA	100 Amp Rating, 14 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	1,372.97	387.49
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0027	EA	100 Amp Rating, 16 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	1,491.48	474.06
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0028	EA	100 Amp Rating, 18 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	1,618.45	474.06
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0029	EA	100 Amp Rating, 20 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	1,725.84	568.87
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0030	EA	225 Amp Rating, 22 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 30 Circuit Capacity	2,392.45	568.87
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0031	EA	225 Amp Rating, 24 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 30 Circuit Capacity	2,499.72	696.66
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0032	EA	225 Amp Rating, 26 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 30 Circuit Capacity	2,616.34	696.66
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0033	EA	225 Amp Rating, 28 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	2,744.18	783.23
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0034	EA	225 Amp Rating, 30 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	2,847.62	783.23
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0035	EA	225 Amp Rating, 32 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	2,957.98	857.43
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0036	EA	225 Amp Rating, 34 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	3,076.34	857.43
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0037	EA	225 Amp Rating, 36 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	3,203.99	1,014.07
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0038	EA	225 Amp Rating, 38 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	3,342.52	1,014.07
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0039	EA	225 Amp Rating, 40 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	3,493.91	1,014.07
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0040	EA	225 Amp Rating, 42 - 20 Amp Breakers, 120/240 V, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	3,587.28	1,071.78
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	

26 24 16 00-0041 120/208 V, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0042	EA	100 Amp Rating, 8 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity	1,029.51	267.94
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0043	EA	100 Amp Rating, 10 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,157.20	267.94
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0044	EA	100 Amp Rating, 12 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,301.78	358.64
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0045	EA	100 Amp Rating, 14 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,453.21	358.64
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0046	EA	100 Amp Rating, 16 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,589.25	441.08
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0047	EA	100 Amp Rating, 18 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	1,734.74	441.08
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0048	EA	100 Amp Rating, 20 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	1,871.55	523.53
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0049	EA	100 Amp Rating, 22 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,013.93	523.53
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0050	EA	100 Amp Rating, 24 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,145.25	614.21
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0051	EA	100 Amp Rating, 26 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,296.47	614.21
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0052	EA	100 Amp Rating, 28 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,451.43	709.03
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0053	EA	100 Amp Rating, 30 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,602.62	709.03
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0054	EA	225 Amp Rating, 32 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	2,907.46	857.43
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0055	EA	225 Amp Rating, 34 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,012.26	857.43
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0056	EA	225 Amp Rating, 36 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,188.12	952.24
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0057	EA	225 Amp Rating, 38 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,349.13	952.24
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0058	EA	225 Amp Rating, 40 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	3,461.76	1,038.81
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0059	EA	225 Amp Rating, 42 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	3,624.08	1,038.81
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0060	EA	400 Amp Rating, 32 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,506.21	921.73
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0061	EA	400 Amp Rating, 34 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,621.79	968.73
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0062	EA	400 Amp Rating, 36 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,805.83	1,020.26
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0063	EA	400 Amp Rating, 38 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,979.35	1,080.03
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0064	EA	400 Amp Rating, 40 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	4,099.30	1,113.00
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0065	EA	400 Amp Rating, 42 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	4,294.71	1,181.03
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	

26 24 16 00-0066 120/208 V, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0067	EA	50 Amp Rating, 8 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity	1,216.65	259.70
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0068	EA	50 Amp Rating, 10 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	1,346.00	259.70
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0069	EA	50 Amp Rating, 12 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	1,499.06	342.15
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0070	EA	50 Amp Rating, 14 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	1,708.74	342.15
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0071	EA	100 Amp Rating 16 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	2,028.46	515.28
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0072	EA	100 Amp Rating, 18 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	2,161.16	515.28
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0073	EA	100 Amp Rating, 20 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	2,305.31	601.85
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0074	EA	100 Amp Rating, 22 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	2,426.02	601.85
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0075	EA	100 Amp Rating, 24 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	2,587.47	696.66
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0076	EA	100 Amp Rating, 26 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	2,699.12	696.66
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0077	EA	100 Amp Rating, 28 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	2,876.88	783.23
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0078	EA	100 Amp Rating, 30 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	3,028.52	783.23
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0079	EA	225 Amp Rating, 32 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	3,964.43	906.90
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0080	EA	225 Amp Rating, 34 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	4,136.92	956.36
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0081	EA	225 Amp Rating, 36 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	4,208.61	956.36
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0082	EA	225 Amp Rating, 38 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	4,401.33	1,080.03
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0083	EA	225 Amp Rating, 40 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	4,538.46	1,080.03
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0084	EA	225 Amp Rating, 42 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	4,624.87	1,080.03
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0085	EA	400 Amp Rating, 32 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity	4,684.02	993.47
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0086	EA	400 Amp Rating, 34 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity	4,871.78	1,051.17
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0087	EA	400 Amp Rating, 36 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity	4,945.69	1,080.03
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0088	EA	400 Amp Rating, 38 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity	5,153.18	1,145.99
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0089	EA	400 Amp Rating, 40 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 54 Circuit Capacity	5,289.31	1,178.96
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0090	EA	400 Amp Rating, 42 - 20 Amp Breakers, 120/208 V, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 54 Circuit Capacity	5,414.94	1,220.19
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0091		**480 V, 3 Wire, 3 Phase, Main Lugs Assembled Panelboards** *(26 24 16 00-0002)*		
26 24 16 00-0092	EA	100 Amp Rating, 8 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity	1,156.32	263.82
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0093	EA	100 Amp Rating, 10 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,324.21	263.82
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0094	EA	100 Amp Rating, 12 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,485.02	362.76
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0095	EA	100 Amp Rating, 14 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,652.88	362.76
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0096	EA	100 Amp Rating, 16 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,809.20	453.45
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0097	EA	100 Amp Rating, 18 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	1,974.11	453.45
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0098	EA	100 Amp Rating, 20 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	2,146.35	548.26
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0099	EA	100 Amp Rating, 22 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,303.91	548.26
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0100	EA	100 Amp Rating, 24 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,477.49	651.32
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0101	EA	100 Amp Rating, 26 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,644.94	651.32
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0102	EA	100 Amp Rating, 28 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,798.62	742.01
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0103	EA	100 Amp Rating,30 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,963.52	742.01
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0104	EA	225 Amp Rating, 32 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,317.62	902.77
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0105	EA	225 Amp Rating, 34 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,482.33	902.77
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0106	EA	225 Amp Rating, 36 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,657.92	989.35
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0107	EA	225 Amp Rating, 38 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,785.14	989.35
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0108	EA	225 Amp Rating, 40 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	3,980.91	1,092.40
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0109	EA	225 Amp Rating, 42 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	4,119.65	1,092.40
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0110		**480 V, 3 Wire, 3 Phase, Main Breaker Assembled Panelboards** *(26 24 16 00-0002)*		
26 24 16 00-0111	EA	50 Amp Rating, 8 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity	1,468.05	280.31
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0112	EA	50 Amp Rating, 10 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	1,632.01	305.05
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0113	EA	50 Amp Rating, 12 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	1,797.84	379.24
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0114	EA	100 Amp Rating, 14 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	2,377.92	461.69
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0115	EA	100 Amp Rating, 16 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	2,547.20	511.16
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0116	EA	100 Amp Rating, 18 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	2,702.00	552.38
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0117	EA	100 Amp Rating, 20 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	2,872.05	601.85
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0118	EA	100 Amp Rating, 22 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	3,035.90	651.32
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0119	EA	100 Amp Rating, 24 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	3,186.27	692.54
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0120	EA	100 Amp Rating, 26 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	3,347.20	733.76
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0121	EA	100 Amp Rating, 28 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	3,520.88	783.23
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0122	EA	100 Amp Rating, 30 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	3,710.19	845.06
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0123	EA	225 Amp Rating, 32 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	4,691.04	939.87
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0124	EA	225 Amp Rating, 34 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	4,872.79	997.58
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0125	EA	225 Amp Rating, 36 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	5,003.48	1,022.32
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0126	EA	225 Amp Rating, 38 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	5,207.29	1,088.28
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0127	EA	225 Amp Rating, 40 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	5,350.64	1,129.50
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0128	EA	225 Amp Rating, 42 - 20 Amp Breakers, 480 V, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	5,499.09	1,164.95
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	

26 24 16 00-0129 277/480 V, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0130	EA	100 Amp Rating , 8 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity	1,664.18	288.56
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0131	EA	100 Amp Rating, 10 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,948.98	288.56
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0132	EA	100 Amp Rating, 12 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	2,228.77	383.37
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0133	EA	100 Amp Rating, 14 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	2,510.09	383.37
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0134	EA	100 Amp Rating, 16 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	2,794.51	474.06
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0135	EA	100 Amp Rating, 18 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	3,074.93	474.06
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0136	EA	100 Amp Rating, 20 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	3,358.47	568.87
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0137	EA	100 Amp Rating, 22 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	3,641.19	568.87
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0138	EA	100 Amp Rating, 24 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	3,941.65	667.80
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0139	EA	100 Amp Rating, 26 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	4,208.13	667.80
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0140	EA	100 Amp Rating, 28 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	4,484.55	671.93
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0141	EA	100 Amp Rating, 30 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	4,772.93	671.93
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0142	EA	225 Amp Rating, 32 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	5,263.08	931.63
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0143	EA	225 Amp Rating, 34 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	5,552.23	931.63
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0144	EA	225 Amp Rating, 36 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	5,795.47	981.10
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0145	EA	225 Amp Rating, 38 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	6,103.14	1,047.06
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0146	EA	225 Amp Rating, 40 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	6,356.92	1,047.06
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0147	EA	225 Amp Rating, 42 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	6,688.76	1,145.99
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	

26 24 16 00-0148 277/480 V, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0149	EA	50 Amp Rating, 8 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity	2,026.74	354.52
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0150	EA	50 Amp Rating, 10 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	2,316.12	354.52
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0151	EA	50 Amp Rating, 12 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	2,598.04	469.94
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0152	EA	100 Amp Rating, 14 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	3,120.10	469.94
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0153	EA	100 Amp Rating, 16 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	3,409.66	593.61
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0154	EA	100 Amp Rating, 18 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	3,698.94	593.61
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0155	EA	100 Amp Rating, 20 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	3,982.01	680.17
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0156	EA	100 Amp Rating, 22 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	4,251.61	680.17
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0157	EA	100 Amp Rating, 24 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	4,531.77	774.98
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0158	EA	100 Amp Rating, 26 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	4,824.68	774.98
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0159	EA	100 Amp Rating, 28 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	5,091.33	857.43
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0160	EA	100 Amp Rating, 30 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	5,365.97	857.43
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0161	EA	225 Amp Rating, 32 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	7,118.14	1,014.07
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0162	EA	225 Amp Rating, 34 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	7,425.81	1,014.07
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0163	EA	225 Amp Rating, 36 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	7,679.59	1,108.88
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0164	EA	225 Amp Rating, 38 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	8,011.43	1,108.88
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0165	EA	225 Amp Rating, 40 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	8,279.11	1,211.95
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0166	EA	225 Amp Rating, 42 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	11,844.94	1,211.95
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0167	EA	400 Amp Rating, 42 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 54 Circuit Capacity	9,890.05	1,349.63
		For Weathertight NEMA 3R Panelboards, Add	*348.00*	
26 24 16 00-0168	EA	600 Amp Rating, 42 - 20 Amp Breakers, 277/480 V, 4 Wire, 3 Phase Assembled Panelboard, >400 To 600 Amp Main Breaker, 54 Circuit Capacity	12,061.50	1,620.04

26 24 16 00-0169 Unassembled Lighting And Power Panelboards *(26 24 16 00-0001)*

Note: Listed panelboards include the main device (lugs or breaker), connection of main service cable from meter and that portion of the panel box, trim and interior occupied by that device. Spaces include that portion of the panel box, trim and interior reserved by that space. The maximum single pole capacity of the panelboard main device (lugs, breakers) is indicated. Excludes branch breakers. A complete panelboard will be the sum of main device and the branch circuit breakers and spaces (within the capacity of the main device).

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0170		240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0169)* Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers.		
26 24 16 00-0171		Main Lugs, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*		
26 24 16 00-0172	EA	100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	443.10	
26 24 16 00-0173	EA	100 Amp Rating, 20 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	510.39	
26 24 16 00-0174	EA	225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	697.41	
26 24 16 00-0175	EA	225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	805.47	
26 24 16 00-0176	EA	225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	911.93	
26 24 16 00-0177	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,020.98	
26 24 16 00-0178	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,108.88	
26 24 16 00-0179	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,214.83	
26 24 16 00-0180	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,330.10	
26 24 16 00-0181	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,417.97	
26 24 16 00-0182	EA	600 A - 54 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,550.10	
26 24 16 00-0183		Main Breaker, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*		
26 24 16 00-0184	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	659.87	
26 24 16 00-0185	EA	100 Amp Rating, 20 Circuit Capacity, Main Breaker, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	748.57	
26 24 16 00-0186	EA	225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,201.27	
26 24 16 00-0187	EA	225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,334.92	
26 24 16 00-0188	EA	225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,460.99	
26 24 16 00-0189	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	2,521.14	
26 24 16 00-0190	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	2,673.50	
26 24 16 00-0191	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	2,810.50	
26 24 16 00-0192		Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*		
26 24 16 00-0193	EA	100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	889.97	
26 24 16 00-0194	EA	100 Amp Rating, 20 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	952.16	
26 24 16 00-0195	EA	225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,128.54	
26 24 16 00-0196	EA	225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,234.47	
26 24 16 00-0197	EA	225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,332.85	
26 24 16 00-0198	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,524.45	
26 24 16 00-0199	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,606.83	
26 24 16 00-0200	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,707.66	
26 24 16 00-0201	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,862.10	
26 24 16 00-0202	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,946.78	
26 24 16 00-0203	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	2,070.97	
26 24 16 00-0204		Main Breaker, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*		
26 24 16 00-0205	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,101.63	
26 24 16 00-0206	EA	100 Amp Rating, 20 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,184.81	
26 24 16 00-0207	EA	225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,714.96	
26 24 16 00-0208	EA	225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,838.39	
26 24 16 00-0209	EA	225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	1,956.81	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0210	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	3,006.32	
26 24 16 00-0211	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	3,153.57	
26 24 16 00-0212	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 3 Wire, 1 Phase Unassembled Panelboard	3,289.29	

26 24 16 00-0213 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers

26 24 16 00-0214 Main Lugs, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0215	EA	100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	499.86	
26 24 16 00-0216	EA	100 Amp Rating, 24 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	588.29	
26 24 16 00-0217	EA	100 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	663.04	
26 24 16 00-0218	EA	225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	752.38	
26 24 16 00-0219	EA	225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	866.31	
26 24 16 00-0220	EA	225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	959.80	
26 24 16 00-0221	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,106.98	
26 24 16 00-0222	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,193.37	
26 24 16 00-0223	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,289.01	
26 24 16 00-0224	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,425.47	
26 24 16 00-0225	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,572.29	
26 24 16 00-0226	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,857.16	

26 24 16 00-0227 Main Breaker, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0228	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	773.27	
26 24 16 00-0229	EA	100 Amp Rating, 24 Circuit Capacity, Main Breaker, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	872.44	
26 24 16 00-0230	EA	100 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,004.44	
26 24 16 00-0231	EA	225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,484.54	
26 24 16 00-0232	EA	225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,608.07	
26 24 16 00-0233	EA	225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,724.66	
26 24 16 00-0234	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	2,381.85	
26 24 16 00-0235	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	2,523.97	
26 24 16 00-0236	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	2,641.67	

26 24 16 00-0237 Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0238	EA	100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	946.74	
26 24 16 00-0239	EA	100 Amp Rating, 24 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,030.05	
26 24 16 00-0240	EA	100 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,099.27	
26 24 16 00-0241	EA	225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,183.50	
26 24 16 00-0242	EA	225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,295.31	
26 24 16 00-0243	EA	225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,380.71	
26 24 16 00-0244	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,610.45	
26 24 16 00-0245	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,691.32	
26 24 16 00-0246	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,781.84	
26 24 16 00-0247	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,957.46	
26 24 16 00-0248	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	2,094.49	
26 24 16 00-0249	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	2,379.36	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0250		Main Breaker, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*		
26 24 16 00-0251	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,215.03	
26 24 16 00-0252	EA	100 Amp Rating, 24 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,308.67	
26 24 16 00-0253	EA	100 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,437.69	
26 24 16 00-0254	EA	225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	1,998.24	
26 24 16 00-0255	EA	225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	2,111.55	
26 24 16 00-0256	EA	225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	2,220.48	
26 24 16 00-0257	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	3,313.22	
26 24 16 00-0258	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	3,459.77	
26 24 16 00-0259	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 VAC, 48 VDC, 4 Wire, 3 Phase Unassembled Panelboard	3,584.96	
26 24 16 00-0260		480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0169)* Note: As manufactured by Square D or equal.		
26 24 16 00-0261		Main Lugs, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*		
26 24 16 00-0262	EA	125 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	713.54	
26 24 16 00-0263	EA	125 Amp Rating, 18 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	784.09	
26 24 16 00-0264	EA	250 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,084.31	
26 24 16 00-0265	EA	250 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,209.81	
26 24 16 00-0266	EA	250 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,318.43	
26 24 16 00-0267	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,318.41	
26 24 16 00-0268	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,390.42	
26 24 16 00-0269	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,511.09	
26 24 16 00-0270	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,605.86	
26 24 16 00-0271	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,721.44	
26 24 16 00-0272	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,880.58	
26 24 16 00-0273		Main Breaker, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*		
26 24 16 00-0274	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,457.01	
26 24 16 00-0275	EA	100 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,502.96	
26 24 16 00-0276	EA	125 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,632.06	
26 24 16 00-0277	EA	125 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,720.87	
26 24 16 00-0278	EA	125 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,899.94	
26 24 16 00-0279	EA	250 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	2,468.72	
26 24 16 00-0280	EA	250 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	2,579.09	
26 24 16 00-0281	EA	250 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	2,721.88	
26 24 16 00-0282	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	2,814.69	
26 24 16 00-0283	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	2,966.27	
26 24 16 00-0284	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	3,103.01	
26 24 16 00-0285		Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*		
26 24 16 00-0286	EA	125 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,145.10	
26 24 16 00-0287	EA	125 Amp Rating, 18 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,215.64	
26 24 16 00-0288	EA	250 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,505.65	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0289	EA	250 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,705.20	
26 24 16 00-0290	EA	250 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,805.31	
26 24 16 00-0291	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,805.29	
26 24 16 00-0292	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,864.53	
26 24 16 00-0293	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,966.90	
26 24 16 00-0294	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	2,104.23	
26 24 16 00-0295	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	2,209.40	
26 24 16 00-0296	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	2,346.16	

26 24 16 00-0297 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0298	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	1,980.49	
26 24 16 00-0299	EA	100 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	2,026.44	
26 24 16 00-0300	EA	125 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	2,057.23	
26 24 16 00-0301	EA	125 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	2,142.21	
26 24 16 00-0302	EA	125 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	2,395.33	
26 24 16 00-0303	EA	250 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	2,955.60	
26 24 16 00-0304	EA	250 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	3,053.20	
26 24 16 00-0305	EA	250 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	3,177.69	
26 24 16 00-0306	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	3,270.50	
26 24 16 00-0307	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	3,410.40	
26 24 16 00-0308	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 VAC, 3 Wire, 1 Phase, Unassembled Panelboard	3,545.38	

26 24 16 00-0309 Panelboard 3 Phase, 4 Wire, 480Y/277 VAC, Copper Bussing *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal.

26 24 16 00-0310 Main Lugs, NEMA 1, 480Y/277 VAC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0311	EA	125 A - 12 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	742.48	
26 24 16 00-0312	EA	125 A - 18 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	813.46	
26 24 16 00-0313	EA	125 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	941.80	
26 24 16 00-0314	EA	250 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,126.90	
26 24 16 00-0315	EA	250 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,253.33	
26 24 16 00-0316	EA	250 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,361.14	
26 24 16 00-0317	EA	400 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,374.68	
26 24 16 00-0318	EA	400 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,460.22	
26 24 16 00-0319	EA	400 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,579.97	
26 24 16 00-0320	EA	600 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,674.87	
26 24 16 00-0321	EA	600 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,791.04	
26 24 16 00-0322	EA	600 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,950.79	

26 24 16 00-0323 Main Breaker, NEMA 1, 480Y/277 VAC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0324	EA	100 A - 12 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	1,605.97	
26 24 16 00-0325	EA	100 A - 18 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	1,652.34	
26 24 16 00-0326	EA	100 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	1,790.86	
26 24 16 00-0327	EA	125 A - 18 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	1,836.82	
26 24 16 00-0328	EA	125 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	1,925.99	
26 24 16 00-0329	EA	125 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,104.60	
26 24 16 00-0330	EA	250 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,708.89	
26 24 16 00-0331	EA	250 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,820.59	
26 24 16 00-0332	EA	250 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,961.86	
26 24 16 00-0333	EA	400 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	3,102.47	
26 24 16 00-0334	EA	400 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	3,255.48	
26 24 16 00-0335	EA	400 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	3,392.16	

26 24 16 00-0336 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 VAC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0337	EA	125 A - 12 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	1,174.04	
26 24 16 00-0338	EA	125 A - 18 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	1,245.01	
26 24 16 00-0339	EA	125 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	1,366.97	
26 24 16 00-0340	EA	250 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	1,548.24	
26 24 16 00-0341	EA	250 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	1,748.72	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0342	EA	250 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	1,848.02	
26 24 16 00-0343	EA	400 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	1,862.83	
26 24 16 00-0344	EA	400 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	1,934.33	
26 24 16 00-0345	EA	400 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,035.78	
26 24 16 00-0346	EA	600 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,173.24	
26 24 16 00-0347	EA	600 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,278.77	
26 24 16 00-0348	EA	600 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,415.54	

26 24 16 00-0349 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 VAC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0350	EA	100 A - 12 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	2,027.30	
26 24 16 00-0351	EA	100 A - 18 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	2,073.68	
26 24 16 00-0352	EA	100 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	2,286.25	
26 24 16 00-0353	EA	125 A - 18 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	2,261.99	
26 24 16 00-0354	EA	125 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	2,347.33	
26 24 16 00-0355	EA	125 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	2,599.99	
26 24 16 00-0356	EA	250 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	3,195.77	
26 24 16 00-0357	EA	250 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	3,294.70	
26 24 16 00-0358	EA	250 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	3,417.67	
26 24 16 00-0359	EA	400 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	3,558.28	
26 24 16 00-0360	EA	400 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	3,699.38	
26 24 16 00-0361	EA	400 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	3,833.93	

26 24 16 00-0362 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: Square D I-Line or equal.

26 24 16 00-0363 Main Lugs, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*

26 24 16 00-0364	EA	400 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	1,286.78	245.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.21*	
26 24 16 00-0365	EA	400 Amp Rating, 45" Breaker Mounted Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	1,500.11	245.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	
26 24 16 00-0366	EA	400 Amp Rating, 63" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	1,660.76	245.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.17*	
26 24 16 00-0367	EA	600 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	1,914.17	402.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*241.68*	
26 24 16 00-0368	EA	600 Amp Rating, 45" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	2,038.51	402.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*241.68*	
26 24 16 00-0369	EA	600 Amp Rating, 63" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	2,174.95	402.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*241.68*	
26 24 16 00-0370	EA	800 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	2,365.94	535.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*321.26*	
26 24 16 00-0371	EA	800 Amp Rating, 45" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	2,485.84	537.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*322.24*	
26 24 16 00-0372	EA	800 Amp Rating, 63" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	2,534.29	535.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*321.26*	
26 24 16 00-0373	EA	800 Amp Rating, 99" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	2,928.76	535.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*321.26*	
26 24 16 00-0374	EA	1200 Amp Rating, 27" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	3,834.39	805.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*483.35*	
26 24 16 00-0375	EA	1200 Amp Rating, 45" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	4,102.87	805.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*483.35*	
26 24 16 00-0376	EA	1200 Amp Rating, 63" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	4,322.39	805.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*483.35*	
26 24 16 00-0377	EA	1200 Amp Rating, 99" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	4,590.32	805.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*483.35*	

26 24 16 00-0378 Main Breaker, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0379	EA	225 Amp Rating, 36" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	2,450.83	250.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*150.32*	
26 24 16 00-0380	EA	400 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	3,210.24	284.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*170.51*	
26 24 16 00-0381	EA	400 Amp Rating, 45" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	3,365.39	284.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*170.51*	
26 24 16 00-0382	EA	400 Amp Rating, 81" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	3,822.02	284.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*170.51*	
26 24 16 00-0383	EA	600 Amp Rating, 36" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	5,000.14	465.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*279.50*	
26 24 16 00-0384	EA	600 Amp Rating, 72" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	5,256.78	467.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*280.24*	
26 24 16 00-0385	EA	600 Amp Rating, 72" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	5,467.78	465.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*279.50*	
26 24 16 00-0386	EA	800 Amp Rating, 36" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	6,327.39	622.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*373.66*	
26 24 16 00-0387	EA	800 Amp Rating, 72" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	6,630.53	620.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*372.34*	
26 24 16 00-0388	EA	800 Amp Rating, 72" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 VAC, 250 VDC, 3 Phase, Unassembled Panelboard	6,933.12	620.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*372.34*	

26 24 16 00-0389 Branch Circuit Breakers *(26 24 16 00-0001)*

Note: For installation in existing and new panelboards. Use task modifier for installation in new panelboards.

26 24 16 00-0390 Branch Circuit Breakers 10000 Amp Interrupting Capacity, Plug-On *(26 24 16 00-0389)*

Note: Includes connection of electrical wire.

26 24 16 00-0391	EA	1 Pole, 120/240 Volt, 15-30 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	40.41	14.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 24 16 00-0392	EA	1 Pole, 120/240 Volt, 35-60 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	40.41	14.84
		For Bolt-On, Add	*10.82*	
		For Installation In New Panelboard, Deduct	*-8.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 24 16 00-0393	EA	1 Pole, 120/240 Volt, 70-100 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	58.40	18.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 24 16 00-0394	EA	1 Pole GFI, 120/240Volt, 15-30 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	86.28	18.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.87*	
26 24 16 00-0395	EA	1 Pole GFI, 120/240Volt, 35-60 A, Branch Circuit Breaker, 10,000 Protection Circuit Breaker, 10,000 Amp Interrupting Capacity	120.05	18.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.87*	
26 24 16 00-0396	EA	1 Pole GFI, 120/240 Volt, 15-30 A, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amp Interrupting Capacity	139.31	18.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.87*	
26 24 16 00-0397	EA	1 Pole GFI, 120/240 Volt, 15-20 A, "Arc Fault" Circuit Breaker, 10,000 Amp Interrupting Capacity	67.68	18.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.87*	
26 24 16 00-0398	EA	2 Pole, 120/240 Volt, 15-30 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	66.65	22.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 16 00-0399	EA	2 Pole, 120/240 Volt, 35-60 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	66.65	22.26
		For Bolt-On, Add	*16.99*	
		For Installation In New Panelboard, Deduct	*-12.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 16 00-0400	EA	2 Pole, 120/240 Volt, 70-100 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	100.32	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0401	EA	2 Pole, 120/240 Volt, 110-125 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	165.49	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0402	EA	2 Pole, 120/240 Volt, 150 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	194.91	41.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.21*	
26 24 16 00-0403	EA	2 Pole GFI, 120/240Volt, 15-50 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	164.85	26.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.81*	
26 24 16 00-0404	EA	2 Pole, GFI, 120/240 Volt, 15-50 A, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amp Interrupting Capacity	220.09	26.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.81*	
26 24 16 00-0405	EA	3 Pole, 120/240 Volt, 15-30 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	126.09	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0406	EA	3 Pole, 120/240 Volt, 35-60 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	126.09	29.68
		For Bolt-On, Add	*27.30*	
		For Installation In New Panelboard, Deduct	*-16.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0407	EA	3 Pole, 120/240 Volt, 70-100 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	165.17	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0408	EA	3 Pole, 120/240 Volt, 110-125 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	249.20	44.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.68*	
26 24 16 00-0409	EA	3 Pole, 120/240 Volt, 150 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	317.67	51.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.63*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0410		Branch Circuit Breakers 14000 Amp Interrupting Capacity, Plug-On *(26 24 16 00-0389)*		
		Note: Includes connection of electrical wire.		
26 24 16 00-0411	EA	1 Pole, 277/480 Volt, 15-30 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	57.91	14.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 24 16 00-0412	EA	1 Pole, 277/480 Volt, 35-60 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	57.91	14.84
		For Bolt-On, Add	*13.01*	
		For Installation In New Panelboard, Deduct	*-8.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 24 16 00-0413	EA	1 Pole, 277/480 Volt, 70-100 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	103.13	18.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 24 16 00-0414	EA	1 Pole GFI, 277/480Volt, 15-60 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	158.26	18.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.87*	
26 24 16 00-0415	EA	2 Pole, 277/480 Volt, 15-30 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	112.72	22.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 16 00-0416	EA	2 Pole, 277/480 Volt, 35-60 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	112.72	22.26
		For Bolt-On, Add	*22.75*	
		For Installation In New Panelboard, Deduct	*-12.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 16 00-0417	EA	2 Pole, 277/480 Volt, 70-100 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	221.35	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0418	EA	2 Pole, 277/480 Volt, 110-125 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	301.42	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0419	EA	2 Pole, 277/480 Volt, 150 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	442.32	41.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.21*	
26 24 16 00-0420	EA	3 Pole, 277/480 Volt, 15-30 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	179.54	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0421	EA	3 Pole, 277/480 Volt, 35-60 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	179.54	29.68
		For Bolt-On, Add	*33.99*	
		For Installation In New Panelboard, Deduct	*-16.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0422	EA	3 Pole, 277/480 Volt, 70-100 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	268.18	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0423	EA	3 Pole, 277/480 Volt, 110-125 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	381.16	44.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.68*	
26 24 16 00-0424	EA	3 Pole, 277/480 Volt, 150 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	589.45	51.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.63*	
26 24 16 00-0425	EA	3 Pole, 277/480 Volt, 175 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	680.05	55.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.10*	
26 24 16 00-0426	EA	3 Pole, 277/480 Volt, 200 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	730.58	59.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.58*	
26 24 16 00-0427	EA	3 Pole, 277/480 Volt, 225 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	864.19	63.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.05*	
26 24 16 00-0428		Branch Circuit Breakers 18000 Amp Interrupting Capacity, Plug-On *(26 24 16 00-0389)*		
		Note: Includes connection of electrical wire.		
26 24 16 00-0429	EA	1 Pole, 240 Volt, 15-30 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	69.41	14.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 24 16 00-0430	EA	1 Pole, 240 Volt, 35-60 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	69.41	14.84
		For Bolt-On, Add	*14.45*	
		For Installation In New Panelboard, Deduct	*-8.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 24 16 00-0431	EA	1 Pole, 240 Volt, 70-100 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	114.49	18.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 24 16 00-0432	EA	2 Pole, 240 Volt, 15-30 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	142.69	22.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 16 00-0433	EA	2 Pole, 240 Volt, 35-60 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	142.69	22.26
		For Bolt-On, Add	*26.49*	
		For Installation In New Panelboard, Deduct	*-12.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 16 00-0434	EA	2 Pole, 240 Volt, 70-100 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	250.09	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0435	EA	2 Pole, 240 Volt, 110-125 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	640.22	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0436	EA	3 Pole, 240 Volt, 15-30 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	229.00	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0437	EA	3 Pole, 240 Volt, 35-60 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	229.00	29.68
		For Bolt-On, Add	*40.17*	
		For Installation In New Panelboard, Deduct	*-16.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0438	EA	3 Pole, 240 Volt, 70-100 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	304.18	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0439	EA	3 Pole, 240 Volt, 110-125 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	792.50	44.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.68*	
26 24 16 00-0440		Branch Circuit Breakers 22000 Amp Interrupting Capacity, Plug-On *(26 24 16 00-0389)*		
		Note: Includes connection of electrical wire.		
26 24 16 00-0441	EA	1 Pole, 120/240 Volt, 15-30 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	79.18	14.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0442	EA	1 Pole, 120/240 Volt, 35-60 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	79.18	14.84
		For Bolt-On, Add	*15.67*	
		For Installation In New Panelboard, Deduct	*-8.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 24 16 00-0443	EA	1 Pole, 120/240 Volt, 70-100 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	93.36	18.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 24 16 00-0444	EA	1 Pole GFI, 120/240V, 15-30 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	156.96	18.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.87*	
26 24 16 00-0445	EA	2 Pole, 120/240 Volt, 15-30 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	168.16	22.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 16 00-0446	EA	2 Pole, 120/240 Volt, 35-60 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	168.16	22.26
		For Bolt-On, Add	*29.68*	
		For Installation In New Panelboard, Deduct	*-12.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 16 00-0447	EA	2 Pole, 120/240 Volt, 70-100 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	203.94	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0448	EA	2 Pole, 240 Volt, 110-125 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	293.98	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0449	EA	2 Pole, 240 Volt, 150-225 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	380.22	41.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.21*	
26 24 16 00-0450	EA	2 Pole, 240 Volt, 250 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	474.71	48.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.15*	
26 24 16 00-0451	EA	2 Pole, 240 Volt, 300-400 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	512.18	55.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.10*	
26 24 16 00-0452	EA	3 Pole, 120/240 Volt, 15-30 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	204.37	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0453	EA	3 Pole, 120/240 Volt, 35-60 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	204.37	29.68
		For Bolt-On, Add	*37.09*	
		For Installation In New Panelboard, Deduct	*-16.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0454	EA	3 Pole, 120/240 Volt, 70-100 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	239.72	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0455	EA	3 Pole, 240 Volt, 110-125 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	364.30	44.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.68*	
26 24 16 00-0456	EA	3 Pole, 240 Volt, 150-225 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	478.14	57.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.34*	
26 24 16 00-0457	EA	3 Pole, 240 Volt, 250 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	590.75	66.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.52*	
26 24 16 00-0458	EA	3 Pole, 240 Volt, 300-400 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	628.24	70.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.99*	

26 24 16 00-0459 Branch Circuit Breakers 25000 Amp Interrupting Capacity, Plug-On *(26 24 16 00-0389)*

Note: Includes connection of electrical wire.

26 24 16 00-0460	EA	2 Pole, 240/480 Volt, 15-30 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	174.53	22.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 16 00-0461	EA	2 Pole, 240/480 Volt, 35-60 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	174.53	22.26
		For Bolt-On, Add	*30.47*	
		For Installation In New Panelboard, Deduct	*-12.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 16 00-0462	EA	2 Pole, 240/480 Volt, 70-100 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	265.47	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0463	EA	2 Pole, 240/480 Volt, 110-125 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	431.47	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0464	EA	2 Pole, 240/480 Volt, 150-225 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	672.37	46.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.92*	
26 24 16 00-0465	EA	2 Pole, 240/480 Volt, 250 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	762.26	48.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.15*	
26 24 16 00-0466	EA	2 Pole, 240/480 Volt, 300-400 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	832.83	55.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.10*	
26 24 16 00-0467	EA	3 Pole, 240/480 Volt, 15-30 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	250.87	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0468	EA	3 Pole, 240/480 Volt, 35-60 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	250.87	29.68
		For Bolt-On, Add	*42.90*	
		For Installation In New Panelboard, Deduct	*-16.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0469	EA	3 Pole, 240/480 Volt, 70-100 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	316.02	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0470	EA	3 Pole, 240/480 Volt, 110-125 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	536.78	44.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.68*	
26 24 16 00-0471	EA	3 Pole, 240/480 Volt, 150-225 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	784.70	57.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.34*	
26 24 16 00-0472	EA	3 Pole, 240/480 Volt, 250 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	926.93	66.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.52*	
26 24 16 00-0473	EA	3 Pole, 240/480 Volt, 300-400 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	1,002.90	70.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.99*	

26 24 16 00-0474 Branch Circuit Breakers 30000 Amp Interrupting Capacity, Plug-On *(26 24 16 00-0389)*

Note: Includes connection of electrical wire.

26 24 16 00-0475	EA	2 Pole, 240/480 Volt, 15-30 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	180.85	22.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0476	EA	2 Pole, 240/480 Volt, 35-60 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	180.85	22.26
		For Bolt-On, Add	*31.26*	
		For Installation In New Panelboard, Deduct	*-12.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 16 00-0477	EA	2 Pole, 240/480 Volt, 70-100 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	323.86	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0478	EA	2 Pole, 240/480 Volt, 110-125 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	593.38	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0479	EA	2 Pole, 240/480 Volt, 150-225 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	940.00	46.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.92*	
26 24 16 00-0480	EA	2 Pole, 240/480 Volt, 250 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	1,070.06	48.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.15*	
26 24 16 00-0481	EA	2 Pole, 240/480 Volt, 300-400 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	1,164.99	55.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.10*	
26 24 16 00-0482	EA	3 Pole, 240/480 Volt, 15-30 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	294.66	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0483	EA	3 Pole, 240/480 Volt, 35-60 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	294.66	29.68
		For Bolt-On, Add	*48.38*	
		For Installation In New Panelboard, Deduct	*-16.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0484	EA	3 Pole, 240/480 Volt, 70-100 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	391.93	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0485	EA	3 Pole, 240/480 Volt, 110-125 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	721.78	44.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.68*	
26 24 16 00-0486	EA	3 Pole, 240/480 Volt, 150-225 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	911.87	57.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.34*	
26 24 16 00-0487	EA	3 Pole, 240/480 Volt, 250 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	1,455.42	66.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.52*	
26 24 16 00-0488	EA	3 Pole, 240/480 Volt, 300-400 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	1,550.08	70.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.99*	

26 24 16 00-0489 Branch Circuit Breakers 35000 Amp Interrupting Capacity, Plug-On *(26 24 16 00-0389)*

Note: Includes connection of electrical wire.

26 24 16 00-0490	EA	1 Pole, 480 Volt, 15-30 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	95.12	14.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 24 16 00-0491	EA	1 Pole, 480 Volt, 35-60 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	95.12	14.84
		For Bolt-On, Add	*17.66*	
		For Installation In New Panelboard, Deduct	*-8.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 24 16 00-0492	EA	1 Pole, 480 Volt, 70-100 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	164.74	18.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 24 16 00-0493	EA	2 Pole, 480 Volt, 15-30 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	206.75	22.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 16 00-0494	EA	2 Pole, 480 Volt, 35-60 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	206.75	22.26
		For Bolt-On, Add	*34.50*	
		For Installation In New Panelboard, Deduct	*-12.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 16 00-0495	EA	2 Pole, 480 Volt, 70-100 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	377.45	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0496	EA	2 Pole, 480 Volt, 110-125 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	700.43	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0497	EA	2 Pole, 480 Volt, 150-225 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	1,362.84	46.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.92*	
26 24 16 00-0498	EA	3 Pole, 480 Volt, 15-30 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	341.39	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0499	EA	3 Pole, 480 Volt, 35-60 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	341.39	29.68
		For Bolt-On, Add	*54.22*	
		For Installation In New Panelboard, Deduct	*-16.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0500	EA	3 Pole, 480 Volt, 70-100 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	456.86	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0501	EA	3 Pole, 480 Volt, 110-125 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	862.89	44.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.68*	
26 24 16 00-0502	EA	3 Pole, 480 Volt, 150-225 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	1,694.47	57.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.34*	

26 24 16 00-0503 Branch Circuit Breakers 42000 Amp Interrupting Capacity, Plug-On *(26 24 16 00-0389)*

Note: Includes connection of electrical wire.

26 24 16 00-0504	EA	1 Pole, 240 Volt, 15-30 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	140.02	14.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 24 16 00-0505	EA	1 Pole, 240 Volt, 35-60 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	140.02	14.84
		For Bolt-On, Add	*23.27*	
		For Installation In New Panelboard, Deduct	*-8.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 24 16 00-0506	EA	1 Pole, 240 Volt, 70-100 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	212.50	18.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 24 16 00-0507	EA	2 Pole, 240 Volt, 15-30 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	258.71	22.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0508	EA	2 Pole, 240 Volt, 35-60 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	258.71	22.26
		For Bolt-On, Add	*41.00*	
		For Installation In New Panelboard, Deduct	*-12.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 16 00-0509	EA	2 Pole, 240 Volt, 70-100 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	489.30	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0510	EA	2 Pole, 240 Volt, 110-125 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	890.21	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0511	EA	2 Pole, 240 Volt, 150-225 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	1,779.19	41.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.21*	
26 24 16 00-0512	EA	3 Pole, 240 Volt, 15-30 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	445.51	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0513	EA	3 Pole, 240 Volt, 35-60 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	445.51	29.68
		For Bolt-On, Add	*67.23*	
		For Installation In New Panelboard, Deduct	*-16.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0514	EA	3 Pole, 240 Volt, 70-100 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	617.71	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0515	EA	3 Pole, 240 Volt, 110-125 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	1,004.01	44.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.68*	
26 24 16 00-0516	EA	3 Pole, 240 Volt, 150-225 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	2,244.50	57.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.34*	

26 24 16 00-0517 Branch Circuit Breakers 65000 Amp Interrupting Capacity, Plug-On *(26 24 16 00-0389)*

Note: Includes connection of electrical wire.

26 24 16 00-0518	EA	1 Pole, 240 Volt, 15-30 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	62.51	14.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 24 16 00-0519	EA	2 Pole, 240 Volt, 15-30 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	132.71	22.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 16 00-0520	EA	3 Pole, 240 Volt, 15-30 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	210.97	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0521	EA	1 Pole, 480 Volt, 15-30 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	132.33	14.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 24 16 00-0522	EA	1 Pole, 480 Volt, 35-60 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	132.33	14.84
		For Bolt-On, Add	*22.31*	
		For Installation In New Panelboard, Deduct	*-8.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 24 16 00-0523	EA	1 Pole, 480 Volt, 70-100 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	263.52	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0524	EA	2 Pole, 480 Volt, 15-30 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	301.50	22.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 16 00-0525	EA	2 Pole, 480 Volt, 35-60 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	301.50	22.26
		For Bolt-On, Add	*46.34*	
		For Installation In New Panelboard, Deduct	*-12.37*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 16 00-0526	EA	2 Pole, 480 Volt, 70-100 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	585.76	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0527	EA	2 Pole, 480 Volt, 110-125 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	997.26	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0528	EA	2 Pole, 480 Volt, 150-225 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	2,203.34	46.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.92*	
26 24 16 00-0529	EA	3 Pole, 480 Volt, 15-30 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	506.73	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0530	EA	3 Pole, 480 Volt, 35-60 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	506.73	29.68
		For Bolt-On, Add	*74.88*	
		For Installation In New Panelboard, Deduct	*-16.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0531	EA	3 Pole, 480 Volt, 70-100 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	706.59	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0532	EA	3 Pole, 480 Volt, 110-125 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	1,081.86	44.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.68*	
26 24 16 00-0533	EA	3 Pole, 480 Volt, 150-225 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	2,739.82	57.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.34*	

26 24 16 00-0534 Residential Lighting And Power Panelboards *(26 24 16 00-0001)*

26 24 16 00-0535 Residential Type Unassembled Load Center *(26 24 16 00-0534)*

Note: Interior box and cover, includes ground bar kit.

26 24 16 00-0536 Main Lug Load Center, 3 Wire, 120/240 V, Single Phase *(26 24 16 00-0535)*

26 24 16 00-0537	EA	30 A, 2 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 V, Single Phase, Unassembled	109.36	41.22
26 24 16 00-0538	EA	70 A, 4 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 V, Single Phase, Unassembled	369.77	164.89
26 24 16 00-0539	EA	100 A, 8 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 V, Single Phase, Unassembled	557.32	235.38
26 24 16 00-0540	EA	125 A, 24 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 V, Single Phase, Unassembled	1,190.32	494.75
26 24 16 00-0541	EA	150 A, 30 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 V, Single Phase, Unassembled	1,301.17	535.90

26 24 16 00-0542 Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 V AC *(26 24 16 00-0535)*

Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta.

26 24 16 00-0543	EA	60 A, 3 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 V AC, 3 Phase 4 Wire 240/120 V AC Delta, 3 Phase 3 Wire 240 V AC Delta, Unassembled	150.95	45.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0544	EA	125 A, 3 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 V AC, 3 Phase 4 Wire 240/120 V AC Delta, 3 Phase 3 Wire 240 V AC Delta, Unassembled	266.62	49.47
26 24 16 00-0545		**Main Lug Load Center, 3 Wire 120/240 V, 1 Phase, Rainproof** *(26 24 16 00-0535)*		
26 24 16 00-0546	EA	40 A, 2 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 V, 1 Phase, Rainproof, Unassembled	153.41	45.34
26 24 16 00-0547	EA	70 A, 4 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 V, 1 Phase, Rainproof, Unassembled	170.98	49.47
26 24 16 00-0548	EA	100 A, 8 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 V, 1 Phase, Rainproof, Unassembled	606.64	235.38
26 24 16 00-0549	EA	150 A, 30 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 V, 1 Phase, Rainproof, Unassembled	1,376.23	535.90
26 24 16 00-0550		**Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 V AC** *(26 24 16 00-0535)* Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta, Rainproof.		
26 24 16 00-0551	EA	60 A, 3 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 V AC, 3 Phase 4 Wire 240/120 V AC Delta, 3 Phase 3 Wire 240 V AC Delta, Rainproof, Unassembled	188.48	45.34
26 24 16 00-0552	EA	125 A, 20 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 V AC, 3 Phase 4 Wire 240/120 V AC Delta, 3 Phase 3 Wire 240 V AC Delta, Rainproof, Unassembled	1,327.67	494.75
26 24 16 00-0553		**Main Breaker Load Center, 3 Wire, 120/240 V, Single Phase** *(26 24 16 00-0535)*		
26 24 16 00-0554	EA	125 A, 24 Circuit, Main Breaker Load Center Panelboard, 3 Wire, 120/240 V, Single Phase, Unassembled	1,424.06	494.75
26 24 16 00-0555	EA	150 A, 30 Circuit, Main Breaker Load Center Panelboard, 3 Wire, 120/240 V, Single Phase, Unassembled	1,545.64	535.90
26 24 16 00-0556	EA	300 A, 42 Circuit, Main Breaker Load Center Panelboard, 3 Wire, 120/240 V, Single Phase, Unassembled	5,310.05	824.45
26 24 16 00-0557		**Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 V AC** *(26 24 16 00-0535)* Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V Delta.		
26 24 16 00-0558	EA	125 A, 30 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 V AC, 3 Phase 4 Wire 240/120 V AC Delta, 3 Phase 3 Wire 240 V AC Delta, Unassembled	2,046.80	494.75
26 24 16 00-0559	EA	150 A, 40 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 V AC, 3 Phase 4 Wire 240/120 V AC Delta, 3 Phase 3 Wire 240 V AC Delta, Unassembled	2,232.17	535.90
26 24 16 00-0560	EA	300 A, 42 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 V AC, 3 Phase 4 Wire 240/120 V AC Delta, 3 Phase 3 Wire 240 V AC Delta, Unassembled	5,834.04	824.45
26 24 16 00-0561		**Main Breaker Load Center, 3 Wire 120/240 V, 1 Phase, Rainproof** *(26 24 16 00-0535)*		
26 24 16 00-0562	EA	125 A, 24 Circuit, Main Breaker Load Center Panelboard, 3 Wire 120/240 V, 1 Phase, Rainproof, Unassembled	1,493.76	494.75
26 24 16 00-0563	EA	150 A, 30 Circuit, Main Breaker Load Center Panelboard, 3 Wire 120/240 V, 1 Phase, Rainproof, Unassembled	1,664.65	535.90
26 24 16 00-0564		**Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 V AC** *(26 24 16 00-0535)* Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta, Rainproof.		
26 24 16 00-0565	EA	125 A, 30 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 V AC, 3 Phase 4 Wire 240/120 V AC Delta, 3 Phase 3 Wire 240 V AC Delta, Rainproof, Unassembled	2,162.39	494.75
26 24 16 00-0566	EA	155 A, 30 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 V AC, 3 Phase 4 Wire 240/120 V AC Delta, 3 Phase 3 Wire 240 V AC Delta, Rainproof, Unassembled	2,244.72	535.90
26 24 16 00-0567		**Residential Type Assembled Load Center** *(26 24 16 00-0534)*		
26 24 16 00-0568		**Main Lug Load Center, 3 Wire, 20 Amp, 120/240 V, 1 Phase** *(26 24 16 00-0567)* Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0569	EA	100 A Main Lugs, Indoor 8 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	557.64	235.38
26 24 16 00-0570	EA	100 A Main Lugs, Indoor 12 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	677.52	274.96
26 24 16 00-0571	EA	100 A Main Lugs, Rainproof, 8 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	569.43	235.38
26 24 16 00-0572	EA	100 A Main Lugs, Rainproof, 12 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	680.74	274.96
26 24 16 00-0573	EA	200 A Main Lugs, Indoor, 8 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	983.88	366.46
26 24 16 00-0574	EA	200 A Main Lugs, Indoor, 20 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	1,161.69	439.85
26 24 16 00-0575	EA	200 A Main Lugs, Indoor, 24 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	1,328.99	507.45
26 24 16 00-0576	EA	200 A Main Lugs, Indoor, 30 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	1,463.23	549.34
26 24 16 00-0577	EA	200 A Main Lugs, Indoor, 42 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	2,190.36	824.45
26 24 16 00-0578	EA	200 A Main Lugs, Rainproof, 16 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	1,025.69	366.46
26 24 16 00-0579	EA	200 A Main Lugs, Rainproof, 20 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	1,201.36	439.85
26 24 16 00-0580	EA	200 A Main Lugs, Rainproof, 24 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	1,368.66	507.45
26 24 16 00-0581	EA	200 A Main Lugs, Rainproof, 30 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	1,500.76	549.34
26 24 16 00-0582	EA	200 A Main Lugs, Rainproof, 42 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	2,313.67	824.45
26 24 16 00-0583	EA	400 A Main Lugs, Indoor, 42 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	2,684.51	916.05
26 24 16 00-0584	EA	400 A Main Lugs, Rainproof, 42 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	2,813.18	916.05
26 24 16 00-0585		**Main Lug Load Center, 4 Wire, 20 Amp, 120/208 V** *(26 24 16 00-0567)* Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0586	EA	125 A Main Lugs, Indoor, 12 Circuit, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	737.57	274.96
26 24 16 00-0587	EA	125 A Main Lugs, Indoor, 18 Circuit, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,100.01	412.23
26 24 16 00-0588	EA	125 A Main Lugs, Rainproof, 12 Circuits, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	772.95	274.96
26 24 16 00-0589	EA	125 A Main Lugs, Rainproof, 18 Circuits, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,132.17	412.23
26 24 16 00-0590	EA	200 A Main Lugs, Indoor, 24 Circuit, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,390.10	507.45
26 24 16 00-0591	EA	200 A Main Lugs, Indoor, 30 Circuit, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,517.42	549.66
26 24 16 00-0592	EA	200 A Main Lugs, Indoor, 36 Circuit, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,855.64	659.80
26 24 16 00-0593	EA	200 A Main Lugs, Indoor, 42 Circuit, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	2,233.25	824.45
26 24 16 00-0594	EA	200 A Main Lugs, Rainproof, 24 Circuits, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,427.63	507.45
26 24 16 00-0595	EA	200 A Main Lugs, Rainproof, 30 Circuits, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,559.73	549.34
26 24 16 00-0596	EA	200 A Main Lugs, Rainproof, 36 Circuits, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,999.55	659.31
26 24 16 00-0597	EA	200 A Main Lugs, Rainproof, 42 Circuits, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	2,378.00	824.45
26 24 16 00-0598	EA	400 A Main Lugs, Indoor, 42 Circuit, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	2,716.68	916.05
26 24 16 00-0599	EA	400 A Main Lugs, Rainproof, 42 Circuits, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	2,845.34	916.05

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0600		Main Breaker Load Center, 3 Wire, 20 Amp, 120/240 V, 1 Phase *(26 24 16 00-0567)* Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0601	EA	125 A Main Breaker, Indoor, 12 Circuit, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	733.28	274.96
26 24 16 00-0602	EA	125 A Main Breaker, Indoor, 18 Circuit, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	1,085.00	412.23
26 24 16 00-0603	EA	200 A Main Breaker, Indoor, 20 Circuit, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	1,249.61	439.85
26 24 16 00-0604	EA	200 A Main Breaker, Indoor, 24 Circuit, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	1,433.49	507.69
26 24 16 00-0605	EA	200 A Main Breaker, Indoor, 30 Circuit, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	1,576.39	549.66
26 24 16 00-0606	EA	200 A Main Breaker, Indoor, 40 Circuit, 3 Wire, 20 Amp, 120/240 V, 1 Phase, 1 Pole Plug-In Breaker	2,087.83	732.94
26 24 16 00-0607	EA	200 A Main Breaker, Rainproof, 20 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, 1 Pole Plug-In Breaker	1,260.33	439.85
26 24 16 00-0608	EA	200 A Main Breaker, Rainproof, 24 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, 1 Pole Plug-In Breaker	1,454.43	507.45
26 24 16 00-0609	EA	200 A Main Breaker, Rainproof, 30 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, 1 Pole Plug-In Breaker	1,581.17	549.34
26 24 16 00-0610	EA	200 A Main Breaker, Rainproof, 40 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, 1 Pole Plug-In Breaker	2,028.86	732.94
26 24 16 00-0611	EA	400 A Main Breaker, Indoor, 42 Circuit, 3 Wire, 20 Amp, 120/240 V, 1 Phase, 1 Pole Plug-In Breaker	3,788.88	916.05
26 24 16 00-0612	EA	400 A Main Breaker, Rainproof, 42 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, 1 Pole Plug-In Breaker	4,003.33	916.05
26 24 16 00-0613		Main Breaker Load Center, 4 Wire, 20 Amp, 120/208 V *(26 24 16 00-0567)* Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0614	EA	200 A Main Breaker, Indoor, 30 Circuit, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,876.61	549.66
26 24 16 00-0615	EA	200 A Main Breaker, Indoor, 42 Circuit, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	2,576.36	824.45
26 24 16 00-0616	EA	200 A Main Breaker, Rainproof, 30 Circuits, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,940.36	549.34
26 24 16 00-0617	EA	200 A Main Breaker, Rainproof, 42 Circuits, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	2,640.69	824.45
26 24 16 00-0618		Panel Mounted Accessories And Fuseholders *(26 24 16 00-0001)*		
26 24 16 00-0619		Midget Finger-Safe Fuse Holders *(26 24 16 00-0618)* Note: 30 Amp capacity. Excludes fuse.		
26 24 16 00-0620	EA	1 Pole Midget Finger-Safe Fuse Holder	47.08	14.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 24 16 00-0621	EA	1 Pole With Indicator Midget Finger-Safe Fuse Holder	53.76	14.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 24 16 00-0622	EA	2 Pole Midget Finger-Safe Fuse Holder	74.88	22.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 16 00-0623	EA	2 Pole With Indicators Midget Finger-Safe Fuse Holder	92.33	22.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 24 16 00-0624	EA	3 Pole Midget Finger-Safe Fuse Holder	108.08	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0625	EA	3 Pole With Indicators Midget Finger-Safe Fuse Holder	131.25	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0626	EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder Note: With indicators.	150.64	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0627	EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder	124.94	29.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 16 00-0628	EA	4 Pole Midget Finger-Safe Fuse Holder	135.94	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0629	EA	4 Pole With Indicator Midget Finger-Safe Fuse Holder	161.39	37.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.74*	
26 24 16 00-0630	EA	12 To 24 VDC Midget Finger-Safe Fuse Holder Note: With indicator.	53.78	14.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 24 16 00-0631	EA	20 To 24 VDC Midget Finger-Safe Fuse Holder Note: With indicator.	57.33	14.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 24 16 00-0632	EA	35 To 48 VDC Midget Finger-Safe Fuse Holder Note: With indicator.	54.44	14.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 24 16 00-0633		Removal And Reinstallation Of Panelboards *(26 24 16 00-0001)* Note: Includes storage, cleaning and supply materials.		
26 24 16 00-0634	EA	Remove And Reinstall Panelboards With Breakers, Up To 42 Circuit Capacity Note: Includes removal and reinstallation of main wiring to panelboard.	1,034.88	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*309.17*	
26 24 16 00-0635	EA	Remove And Reinstall Breaker, 1-2-3 Pole, Any Amperage	54.83	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.08*	
26 24 16 00-0636	EA	Panelboard Filler Plate, Fits 1" Opening	3.82	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.77*	
26 24 19		**Motor-Control Centers** *(26 24)*		
26 24 19 00-0001		Combination Starters With Molded Case Circuit Breakers *(26 24 19)* Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" o 20" Deep), fully factory assembled and wired internally.		
26 24 19 00-0002		230V Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)* Note: 1-Speed non-reversing.		
26 24 19 00-0003	EA	230V Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination With Molded Case Circuit	1,908.55	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0004	EA	230V Full Volt, 1 Speed, Non-Reversing, 15 HP Combination With Molded Case Circuit	2,263.61	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	
26 24 19 00-0005	EA	230V Full Volt, 1 Speed, Non-Reversing, 30 HP Combination With Molded Case Circuit	3,379.88	82.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.75*	
26 24 19 00-0006	EA	230V Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	6,144.19	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0007	EA	230V Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	12,402.04	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	
26 24 19 00-0008	EA	230V Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	20,878.46	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.45*	

26 24 19 00-0009 480V Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed non-reversing.

26 24 19 00-0010	EA	480V Full Volt, 1 Speed, Non-Reversing, 10 HP Combination With Molded Case Circuit	1,908.55	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0011	EA	480V Full Volt, 1 Speed, Non-Reversing, 25 HP Combination With Molded Case Circuit	2,263.61	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	
26 24 19 00-0012	EA	480V Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	3,379.88	82.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.75*	
26 24 19 00-0013	EA	480V Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	6,144.19	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0014	EA	480V Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	12,402.04	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	
26 24 19 00-0015	EA	480V Full Volt, 1 Speed, Non-Reversing, 400 HP Combination With Molded Case Circuit	20,878.46	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.45*	

26 24 19 00-0016 230V Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed reversing.

26 24 19 00-0017	EA	230V Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination With Molded Case Circuit	2,776.42	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0018	EA	230V Full Volt, 1 Speed, Reversing, 15 HP Combination With Molded Case Circuit	3,706.99	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	
26 24 19 00-0019	EA	230V Full Volt, 1 Speed, Reversing, 30 HP Combination With Molded Case Circuit	5,323.39	82.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.75*	
26 24 19 00-0020	EA	230V Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	9,328.83	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0021	EA	230V Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	18,387.03	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	
26 24 19 00-0022	EA	230V Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	31,701.09	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.45*	

26 24 19 00-0023 480V Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed reversing.

26 24 19 00-0024	EA	480V Full Volt, 1 Speed, Reversing, 10 HP Combination With Molded Case Circuit	2,776.42	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0025	EA	480V Full Volt, 1 Speed, Reversing, 25 HP Combination With Molded Case Circuit	3,706.99	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	
26 24 19 00-0026	EA	480V Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	5,323.39	82.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.75*	
26 24 19 00-0027	EA	480V Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	9,328.83	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0028	EA	480V Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	18,387.03	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	
26 24 19 00-0029	EA	480V Full Volt, 1 Speed, Reversing, 400 HP Combination With Molded Case Circuit	31,701.09	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.45*	

26 24 19 00-0030 230V Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 2-Speed non-reversing, 2 wind.

26 24 19 00-0031	EA	230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit	3,368.82	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0032	EA	230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	4,645.25	128.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.88*	
26 24 19 00-0033	EA	230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	6,855.74	135.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.40*	
26 24 19 00-0034	EA	230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	12,279.01	154.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.71*	
26 24 19 00-0035	EA	230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	20,365.09	180.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.54*	

26 24 19 00-0036 480V Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 2-Speed non-reversing, 2 wind.

26 24 19 00-0037	EA	480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit	3,368.82	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0038	EA	480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit	4,645.25	128.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.88*	
26 24 19 00-0039	EA	480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	6,855.74	135.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.40*	
26 24 19 00-0040	EA	480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	12,279.01	154.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.71*	
26 24 19 00-0041	EA	480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit	20,365.09	180.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.54*	

26 24 19 00-0042 230V Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 2-Speed non-reversing, 2 wind.

26 24 19 00-0043	EA	230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit	3,910.91	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0044	EA	230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	5,830.70	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0045	EA	230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	7,989.52	82.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.75*	
26 24 19 00-0046	EA	230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	15,026.98	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0047	EA	230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	26,052.60	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	

26 24 19 00-0048 480V Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 2-Speed non-reversing, 1 wind.

26 24 19 00-0049	EA	480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit	3,910.91	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0050	EA	480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit	5,830.70	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	
26 24 19 00-0051	EA	480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	7,989.52	82.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.75*	
26 24 19 00-0052	EA	480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	15,026.98	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0053	EA	480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit	26,052.60	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	

26 24 19 00-0054 230V Combination With Molded Case Circuit *(26 24 19 00-0001)*

Note: Reducing volt, auto-transformer.

26 24 19 00-0055	EA	230V Reduced Volt, Auto Transformer, 15 HP Combination With Molded Case Circuit	5,793.93	79.14
26 24 19 00-0056	EA	230V Reduced Volt, Auto Transformer, 30 HP Combination With Molded Case Circuit	8,881.48	86.67
26 24 19 00-0057	EA	230V Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	14,984.69	97.98
26 24 19 00-0058	EA	230V Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	23,191.57	113.06
26 24 19 00-0059	EA	230V Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	39,688.43	150.75

26 24 19 00-0060 480V Combination With Molded Case Circuit *(26 24 19 00-0001)*

Note: Reducing volt, auto-transformer.

26 24 19 00-0061	EA	480V Reduced Volt, Auto Transformer, 25 HP Combination With Molded Case Circuit	5,793.93	79.14
26 24 19 00-0062	EA	480V Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	8,881.48	86.67
26 24 19 00-0063	EA	480V Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	14,984.69	97.98
26 24 19 00-0064	EA	480V Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	23,191.57	113.06
26 24 19 00-0065	EA	480V Reduced Volt, Auto Transformer, 400 HP Combination With Molded Case Circuit	39,688.43	150.75

26 24 19 00-0066 230V Combination With Molded Case Circuit *(26 24 19 00-0001)*

Note: Reducing volt, part winding.

26 24 19 00-0067	EA	230V Reduced Volt, Part Winding Starters, 10 HP Combination With Molded Case Circuit	3,936.98	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0068	EA	230V Reduced Volt, Part Winding Starters, 25 HP Combination With Molded Case Circuit	5,090.77	139.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.66*	
26 24 19 00-0069	EA	230V Reduced Volt, Part Winding Starters, 50 HP Combination With Molded Case Circuit	8,978.53	154.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.71*	
26 24 19 00-0070	EA	230V Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	15,325.55	188.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.06*	
26 24 19 00-0071	EA	230V Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	21,059.38	241.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.72*	

26 24 19 00-0072 480V Combination With Molded Case Circuit *(26 24 19 00-0001)*

Note: Reducing volt, part winding.

26 24 19 00-0073	EA	480V Reduced Volt, Part Winding Starters, 15 HP Combination With Molded Case Circuit	3,936.98	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0074	EA	480V Reduced Volt, Part Winding Starters, 40 HP Combination With Molded Case Circuit	5,090.77	139.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.66*	
26 24 19 00-0075	EA	480V Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	8,978.53	154.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.71*	
26 24 19 00-0076	EA	480V Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	15,325.55	188.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.06*	
26 24 19 00-0077	EA	480V Reduced Volt, Part Winding Starters, 350 HP Combination With Molded Case Circuit	21,059.38	241.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.72*	

26 24 19 00-0078 230V Combination With Molded Case Circuit *(26 24 19 00-0001)*

Note: Reducing volt, energy saver.

26 24 19 00-0079	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 7-1/2 HP Combination With Molded Case Circuit	16,387.62	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0080	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination With Molded Case Circuit	17,379.77	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0081	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination With Molded Case Circuit	19,189.97	139.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.66*	
26 24 19 00-0082	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	29,071.92	154.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.71*	
26 24 19 00-0083	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	39,655.32	188.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.06*	
26 24 19 00-0084	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	53,819.62	241.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.72*	

26 24 19 00-0085 480V Combination With Molded Case Circuit *(26 24 19 00-0001)*

Note: Reducing volt, energy saver.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0086	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination With Molded Case Circuit	16,387.62	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0087	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination With Molded Case Circuit	17,379.77	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0088	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	19,189.97	139.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.66*	
26 24 19 00-0089	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	29,071.92	154.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.71*	
26 24 19 00-0090	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	39,655.32	188.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.06*	
26 24 19 00-0091	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination With Molded Case Circuit	53,819.62	241.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.72*	

26 24 19 00-0092 Combination Starters With Current Limiting Circuit Breakers *(26 24 19)*

Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and wired internally.

26 24 19 00-0093 230V Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 1-speed non-reversing.

26 24 19 00-0094	EA	230V Full Volt, 1 Speed, Non-Reversing, 7-1/2	2,561.29	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0095	EA	230V Full Volt, 1 Speed, Non-Reversing, 15	2,916.35	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	
26 24 19 00-0096	EA	230V Full Volt, 1 Speed, Non-Reversing, 30	4,521.72	82.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.75*	
26 24 19 00-0097	EA	230V Full Volt, 1 Speed, Non-Reversing, 50	8,348.80	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0098	EA	230V Full Volt, 1 Speed, Non-Reversing, 100	14,965.19	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	
26 24 19 00-0099	EA	230V Full Volt, 1 Speed, Non-Reversing, 200	24,403.26	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.45*	

26 24 19 00-0100 480V Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 1-speed non-reversing.

26 24 19 00-0101	EA	480V Full Volt, 1 Speed, Non-Reversing, 10	2,561.29	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0102	EA	480V Full Volt, 1 Speed, Non-Reversing, 25	2,916.35	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	
26 24 19 00-0103	EA	480V Full Volt, 1 Speed, Non-Reversing, 50	4,521.72	82.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.75*	
26 24 19 00-0104	EA	480V Full Volt, 1 Speed, Non-Reversing, 100	8,348.80	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0105	EA	480V Full Volt, 1 Speed, Non-Reversing, 200	14,965.19	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	
26 24 19 00-0106	EA	480V Full Volt, 1 Speed, Non-Reversing, 400	24,403.26	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.45*	

26 24 19 00-0107 230V Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 1-speed reversing.

26 24 19 00-0108	EA	230V Full Volt, 1 Speed, Reversing, 7-1/2	3,423.65	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0109	EA	230V Full Volt, 1 Speed, Reversing, 15	4,346.86	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	
26 24 19 00-0110	EA	230V Full Volt, 1 Speed, Reversing, 30	6,439.49	82.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.75*	
26 24 19 00-0111	EA	230V Full Volt, 1 Speed, Reversing, 50	11,504.02	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0112	EA	230V Full Volt, 1 Speed, Reversing, 100	20,898.70	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	

26 24 19 00-0113 480V Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 1-speed reversing.

26 24 19 00-0114	EA	480V Full Volt, 1 Speed, Reversing, 10	3,423.65	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0115	EA	480V Full Volt, 1 Speed, Reversing, 25	4,346.86	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	
26 24 19 00-0116	EA	480V Full Volt, 1 Speed, Reversing, 50	6,439.49	82.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.75*	
26 24 19 00-0117	EA	480V Full Volt, 1 Speed, Reversing, 100	11,504.02	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0118	EA	480V Full Volt, 1 Speed, Reversing, 200	20,898.70	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	

26 24 19 00-0119 230V Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 2-speed non-reversing, 2 wind.

26 24 19 00-0120	EA	230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2	4,005.01	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0121	EA	230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15	5,272.25	128.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.88*	
26 24 19 00-0122	EA	230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30	7,953.45	135.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.40*	
26 24 19 00-0123	EA	230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50	14,428.46	154.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0124	EA	230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100	22,856.54	180.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.54*	

26 24 19 00-0125 480V Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 2-speed non-reversing, 2 wind.

26 24 19 00-0126	EA	480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10	4,005.01	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0127	EA	480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25	5,272.25	128.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.88*	
26 24 19 00-0128	EA	480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50	7,953.45	135.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.40*	
26 24 19 00-0129	EA	480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100	14,428.46	154.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.71*	
26 24 19 00-0130	EA	480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200	22,856.54	180.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.54*	

26 24 19 00-0131 230V Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 2-speed non-reversing, 1 wind.

26 24 19 00-0132	EA	230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2	4,622.47	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	
26 24 19 00-0133	EA	230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15	6,529.56	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0134	EA	230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30	9,172.15	128.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.88*	
26 24 19 00-0135	EA	230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50	17,248.67	146.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*88.19*	
26 24 19 00-0136	EA	230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100	28,615.01	173.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.02*	

26 24 19 00-0137 480V Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 2-speed non-reversing, 1 wind.

26 24 19 00-0138	EA	480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10	4,622.47	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	
26 24 19 00-0139	EA	480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25	6,529.56	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0140	EA	480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50	9,172.15	128.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.88*	
26 24 19 00-0141	EA	480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100	17,248.67	146.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*88.19*	
26 24 19 00-0142	EA	480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200	28,615.01	173.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.02*	

26 24 19 00-0143 230V Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Reduced volt, auto-transformer.

26 24 19 00-0144	EA	230V Reduced Volt, Auto Transformer, 15	6,411.73	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	
26 24 19 00-0145	EA	230V Reduced Volt, Auto Transformer, 30	10,337.73	86.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.01*	
26 24 19 00-0146	EA	230V Reduced Volt, Auto Transformer, 50	17,487.17	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0147	EA	230V Reduced Volt, Auto Transformer, 100	26,503.08	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	
26 24 19 00-0148	EA	230V Reduced Volt, Auto Transformer, 200	43,617.75	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.45*	

26 24 19 00-0149 480V Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Reduced volt, auto-transformer.

26 24 19 00-0150	EA	480V Reduced Volt, Auto Transformer, 25	6,411.73	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	
26 24 19 00-0151	EA	480V Reduced Volt, Auto Transformer, 50	10,337.73	86.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.01*	
26 24 19 00-0152	EA	480V Reduced Volt, Auto Transformer, 100	17,487.17	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0153	EA	480V Reduced Volt, Auto Transformer, 200	26,503.08	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	
26 24 19 00-0154	EA	480V Reduced Volt, Auto Transformer, 400	43,617.75	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.45*	

26 24 19 00-0155 230V Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Reduced volt, part winding.

26 24 19 00-0156	EA	230V Reduced Volt, Part Winding Starters, 10	4,573.17	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0157	EA	230V Reduced Volt, Part Winding Starters, 25	5,714.09	139.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.66*	
26 24 19 00-0158	EA	230V Reduced Volt, Part Winding Starters, 50	10,068.89	154.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.71*	
26 24 19 00-0159	EA	230V Reduced Volt, Part Winding Starters, 75	17,859.29	188.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.06*	
26 24 19 00-0160	EA	230V Reduced Volt, Part Winding Starters, 150	26,358.53	241.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.72*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0161		480V Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*		
		Note: Reduced volt, part winding.		
26 24 19 00-0162	EA	480V Reduced Volt, Part Winding Starters, 15	4,573.17	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0163	EA	480V Reduced Volt, Part Winding Starters, 40	5,714.09	139.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.66*	
26 24 19 00-0164	EA	480V Reduced Volt, Part Winding Starters, 75	10,068.89	154.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.71*	
26 24 19 00-0165	EA	480V Reduced Volt, Part Winding Starters, 150	17,859.29	188.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.06*	
26 24 19 00-0166	EA	480V Reduced Volt, Part Winding Starters, 350	26,358.53	241.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.72*	
26 24 19 00-0167		230V Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*		
		Note: Reduced volt, energy saving		
26 24 19 00-0168	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 7.5	16,915.33	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0169	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 15	17,901.96	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0170	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 30	19,693.78	139.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.66*	
26 24 19 00-0171	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 50	29,489.31	154.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.71*	
26 24 19 00-0172	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 100	39,978.93	188.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.06*	
26 24 19 00-0173	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 200	56,038.94	241.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.72*	
26 24 19 00-0174		480V Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*		
		Note: Reduced volt, energy saving		
26 24 19 00-0175	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 10	16,915.37	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.80*	
26 24 19 00-0176	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 25	17,901.96	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0177	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 50	19,693.78	139.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.66*	
26 24 19 00-0178	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 100	29,489.31	154.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.71*	
26 24 19 00-0179	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 200	39,978.93	188.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.06*	
26 24 19 00-0180	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 400	56,038.94	241.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.72*	
26 24 19 00-0181		Combination Starters With Fusible Switch *(26 24 19)*		
		Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and Wired Internally.		
26 24 19 00-0182		230V Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*		
		Note: 1-Speed non-reversing.		
26 24 19 00-0183	EA	7-1/2 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	1,695.26	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0184	EA	15 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,346.35	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	
26 24 19 00-0185	EA	30 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	3,971.94	82.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.75*	
26 24 19 00-0186	EA	50 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	7,021.25	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0187	EA	100 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	11,412.81	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	
26 24 19 00-0188	EA	200 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	20,372.82	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.45*	
26 24 19 00-0189		480V Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*		
		Note: 1-Speed non-reversing.		
26 24 19 00-0190	EA	10 HP 480V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	1,695.26	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0191	EA	25 HP 480V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,346.35	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	
26 24 19 00-0192	EA	50 HP 480V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	3,971.94	82.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.75*	
26 24 19 00-0193	EA	100 HP 480V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	7,021.25	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0194	EA	200 HP 480V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	11,412.81	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	
26 24 19 00-0195	EA	400 HP 480V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	20,372.82	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.45*	
26 24 19 00-0196		230V Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*		
		Note: 1-Speed reversing.		
26 24 19 00-0197	EA	7-1/2 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Reversing	2,752.52	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0198	EA	15 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Reversing	4,111.51	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0199	EA	30 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Reversing	6,592.10	82.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.75*	
26 24 19 00-0200	EA	50 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Reversing	10,755.66	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0201	EA	100 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Reversing	16,559.35	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	
26 24 19 00-0202	EA	200 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Reversing	28,161.58	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.45*	

26 24 19 00-0203 480V Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed reversing.

26 24 19 00-0204	EA	480V Full Volt, 1 Speed, Reversing, 10	2,752.52	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0205	EA	480V Full Volt, 1 Speed, Reversing, 25	4,111.51	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	
26 24 19 00-0206	EA	480V Full Volt, 1 Speed, Reversing, 50	6,592.10	82.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.75*	
26 24 19 00-0207	EA	480V Full Volt, 1 Speed, Reversing, 100	10,755.66	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0208	EA	480V Full Volt, 1 Speed, Reversing, 200	16,559.35	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	
26 24 19 00-0209	EA	480V Full Volt, 1 Speed, Reversing, 400	28,161.58	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.45*	

26 24 19 00-0210 230V Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 2-Speed non-reversing, 2 wind.

26 24 19 00-0211	EA	230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 10	3,214.37	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0212	EA	230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 15	4,431.96	128.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.88*	
26 24 19 00-0213	EA	230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 30	6,993.64	135.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.40*	
26 24 19 00-0214	EA	230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 50	12,518.04	154.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.71*	
26 24 19 00-0215	EA	230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 100	19,962.42	180.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.54*	

26 24 19 00-0216 480V Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 2-Speed non-reversing, 2 wind.

26 24 19 00-0217	EA	480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 10	3,214.37	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0218	EA	480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 25	4,431.96	128.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.88*	
26 24 19 00-0219	EA	480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 50	6,993.64	135.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.40*	
26 24 19 00-0220	EA	480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 100	12,518.04	154.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.71*	
26 24 19 00-0221	EA	480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 200	19,962.42	180.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.54*	

26 24 19 00-0222 230V Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 2-Speed non-reversing, 1 wind.

26 24 19 00-0223	EA	230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reversing, 7-1/2	3,686.58	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0224	EA	230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reversing, 15	5,632.12	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	
26 24 19 00-0225	EA	230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reversing, 30	8,118.23	82.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.75*	
26 24 19 00-0226	EA	230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reversing, 50	16,383.95	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	

26 24 19 00-0227 480V Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 2-Speed non-reversing, 1 wind.

26 24 19 00-0228	EA	480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reversing, 10	3,686.58	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0229	EA	480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reversing, 25	5,632.12	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	
26 24 19 00-0230	EA	480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reversing, 50	8,118.23	82.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.75*	
26 24 19 00-0231	EA	480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reversing, 100	16,383.95	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	

26 24 19 00-0232 230V Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Auto-transformer.

26 24 19 00-0233	EA	230V Reduced Volt, Auto-Transformer, 15	5,593.51	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	
26 24 19 00-0234	EA	230V Reduced Volt, Auto-Transformer, 30	9,890.93	86.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.01*	
26 24 19 00-0235	EA	230V Reduced Volt, Auto-Transformer, 50	16,492.43	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0236	EA	230V Reduced Volt, Auto-Transformer, 100	22,025.83	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0237	EA	230V Reduced Volt, Auto-Transformer, 200	37,014.95	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.45*	

26 24 19 00-0238 480V Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Auto-transformer.

26 24 19 00-0239	EA	480V Reduced Volt, Auto-Transformer, 25	5,593.51	79.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.49*	
26 24 19 00-0240	EA	480V Reduced Volt, Auto-Transformer, 50	9,890.93	86.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.01*	
26 24 19 00-0241	EA	480V Reduced Volt, Auto-Transformer, 100	16,492.43	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0242	EA	480V Reduced Volt, Auto-Transformer, 200	22,025.83	113.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.84*	
26 24 19 00-0243	EA	480V Reduced Volt, Auto-Transformer, 400	37,014.95	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.45*	

26 24 19 00-0244 230V Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Part winding.

26 24 19 00-0245	EA	230V Reduced Volt, Part Winding Starters, 10	3,960.88	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0246	EA	230V Reduced Volt, Part Winding Starters, 25	5,248.89	139.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.66*	
26 24 19 00-0247	EA	230V Reduced Volt, Part Winding Starters, 50	8,375.44	154.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.71*	
26 24 19 00-0248	EA	230V Reduced Volt, Part Winding Starters, 75	16,728.48	188.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.06*	

26 24 19 00-0249 480V Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Part winding.

26 24 19 00-0250	EA	480V Reduced Volt, Part Winding Starters, 15	3,960.88	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0251	EA	480V Reduced Volt, Part Winding Starters, 40	5,248.89	139.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.66*	
26 24 19 00-0252	EA	480V Reduced Volt, Part Winding Starters, 75	8,375.44	154.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.71*	
26 24 19 00-0253	EA	480V Reduced Volt, Part Winding Starters, 150	16,728.48	188.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.06*	

26 24 19 00-0254 230V Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Energy saver.

26 24 19 00-0255	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 7.5	16,385.78	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0256	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 15	17,379.77	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0257	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 30	19,189.97	139.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.66*	
26 24 19 00-0258	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 50	29,071.92	154.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.71*	
26 24 19 00-0259	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 100	39,655.32	188.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.06*	
26 24 19 00-0260	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 200	53,819.62	241.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.72*	

26 24 19 00-0261 480V Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Energy saver.

26 24 19 00-0262	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 10	16,385.78	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.79*	
26 24 19 00-0263	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 25	17,379.77	120.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 24 19 00-0264	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 50	19,189.97	139.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.66*	
26 24 19 00-0265	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 100	29,071.92	154.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.71*	
26 24 19 00-0266	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 200	39,655.32	188.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.06*	
26 24 19 00-0267	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 400	53,819.62	241.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.72*	

26 24 19 00-0268 Starter Accessories *(26 24 19)*

26 24 19 00-0269 Starter Modifications *(26 24 19 00-0268)*

26 24 19 00-0270	EA	Control Circuit Transformer 60 Hz, Size 1, 2, 50 VA Standard	90.53
26 24 19 00-0271	EA	Control Circuit Transformer 60 Hz, Size 3, 4, 150 VA Standard	286.84
26 24 19 00-0272	EA	Control Circuit Transformer 60 Hz, Size 5, 6, 50 VA	410.03
26 24 19 00-0273	EA	Control Circuit Transformer 60 Hz, All Sizes, Extra 50 VA	102.97
26 24 19 00-0274	EA	Control Circuit Transformer 60 Hz, All Sizes, Extra 100 VA	145.26
26 24 19 00-0275	EA	Control Circuit Transformer 60 Hz, All Sizes, Extra 150 VA	244.55
26 24 19 00-0276	EA	Overload Relay Heater Elements, 3 Per Starter	60.68
26 24 19 00-0277	EA	N.O. Overload Relay Alarm	51.48
26 24 19 00-0278	EA	Control Circuit Fuses, Primary/Secondary	38.10
26 24 19 00-0279	EA	Control Devices Type PB2 Mount On Device, 2 Unit Pushbutton	47.11
26 24 19 00-0280	EA	Control Devices Type PB2 Mount On Device, 3 Unit Pushbutton	92.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0281	EA	Control Devices Type PB2 Mount On Device, 2 Or 3 Post Select	47.11	
26 24 19 00-0282	EA	Control Devices Type PB2 Mount On Device, Individual Light Full V	54.03	
26 24 19 00-0283	EA	Control Devices Type PB2 Mount On Device, Individual Light Transformer	65.12	
26 24 19 00-0284	EA	Control Devices Type PB2 Mount On Device, Individual Light Push To	76.89	
26 24 19 00-0285	EA	Blank Devices Panel	14.55	
26 24 19 00-0286	EA	Oversize Or Special Color Starter	22.86	
26 24 19 00-0287	EA	Mini Voltmeter/Ammeter With Current Transformer	213.11	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.78*	
26 24 19 00-0288	EA	Mini Elapsed Time Meters, Non Resettable	194.41	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.78*	
26 24 19 00-0289	EA	Panel Elapsed Time Meter, Resettable	270.17	
26 24 19 00-0290	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Press	22.86	
26 24 19 00-0291	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Screw	32.56	
26 24 19 00-0292	EA	Terminal Blocks, Front Mounted, Press Connection, Standard	22.86	
26 24 19 00-0293	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In	32.56	
26 24 19 00-0294	EA	Terminal Blocks, Front Mounted, Press Connection, Screw-Type Utility	32.56	
26 24 19 00-0295	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In Screw Type	47.11	
26 24 19 00-0296	EA	MOR - A Solid State Modular Overload Relay	117.07	
26 24 19 00-0297	EA	Heater Module	38.30	
26 24 19 00-0298	EA	LAM - Long Acceleration Module	237.92	
26 24 19 00-0299	EA	JAM - Jam Protection Module	272.74	
26 24 19 00-0300	EA	PUM - Phase Unbalance Module	517.62	
26 24 19 00-0301	EA	ULM - Underload Module	248.37	
26 24 19 00-0302	EA	Wiring To Common Control Circuit Transformer	54.55	
26 24 19 00-0303	EA	Handle Operator Separable Source Control Circuit	102.13	
26 24 19 00-0304	EA	Type SIS Control Wire	42.94	
26 24 19 00-0305	EA	Ring Or Spade Terminals Control	54.55	
26 24 19 00-0306	EA	Ring Terminals Power	54.55	
26 24 19 00-0307	EA	14 Gauge Control Wire	42.94	
26 24 19 00-0308	EA	Wiremakers	54.55	
26 24 19 00-0309	EA	Wiring Diagram On Door	32.50	
26 24 19 00-0310	EA	Special Color Or Type Control Wire	39.46	
26 24 19 00-0311	EA	Current Transformer 12.5 VA	309.88	
26 24 19 00-0312	EA	Ground Fault Relay-Instant Non-Adjust, Size 1 Thru 4	989.98	
26 24 19 00-0313	EA	Ground Fault Relay-Instant Non-Adjust, Size 5 Thru 6	1,114.17	

26 24 19 00-0314 Control Relays And Special Components *(26 24 19 00-0268)*

26 24 19 00-0315	EA	Control Relays, 600 V, 2 Pole	424.38	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.78*	
26 24 19 00-0316	EA	Control Relays, 600 V, 4 Pole	500.21	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.31*	
26 24 19 00-0317	EA	Control Relays, 600 V, 6 Pole	583.57	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.09*	
26 24 19 00-0318	EA	Control Relays, 600 V, 8 Pole	648.34	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.61*	
26 24 19 00-0319	EA	Control Relays, Pneumatic Timer	567.45	
26 24 19 00-0320	EA	Control Relays, Motor Driven Timer	1,478.68	
26 24 19 00-0321	EA	Control Relays, 7 Day Time Switch	1,861.12	
26 24 19 00-0322	EA	Control Relays, 24 Hour Time Switch	521.89	
26 24 19 00-0323	EA	Control Relays, Phase Voltage	887.76	
26 24 19 00-0324	EA	Control Relays, Two Circuit Alternator	1,242.58	
26 24 19 00-0325	EA	Control Relays, Manual 120 V	121.50	
26 24 19 00-0326	EA	Control Relays, Over-Current Relay	2,214.40	
26 24 19 00-0327	EA	Control Relays, UV-Relay	1,875.51	
26 24 19 00-0328	EA	Control Relays, Over-Current Relay	1,875.51	
26 24 19 00-0329	EA	Control Relays, Teleductor	915.37	
26 24 19 00-0330	EA	Control Relays, Current Transducer	2,461.70	
26 24 19 00-0331	EA	Control Relays, Watt Transducer	4,923.40	
26 24 19 00-0332	EA	Control Relays, Blank, Add For Each 1x	167.06	
26 24 19 00-0333	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure With Wireway	249.90	
26 24 19 00-0334	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure With Wireway	281.65	
26 24 19 00-0335	EA	Control Relays, Fixed Mounted Back Pan, 280" Structure With Wireway	313.41	
26 24 19 00-0336	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure Without Wireway	281.65	
26 24 19 00-0337	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure Without Wireway	313.41	
26 24 19 00-0338	EA	Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway	329.98	

26 24 19 00-0339 Circuit Breaker Modifications/Accessories *(26 24 19 00-0268)*

26 24 19 00-0340	EA	Circuit Breaker, Shunt Trip	290.13	
26 24 19 00-0341	EA	Circuit Breaker, Auxiliary Switch	100.21	
26 24 19 00-0342	EA	Circuit Breaker, Key Interlock	360.44	
26 24 19 00-0343	EA	Circuit Breaker, GFR Ground Fault	1,661.58	
26 24 19 00-0344	EA	Circuit Breaker, Seltronic Breaker	962.52	

26 24 19 00-0345 Incoming Line And Feeder Circuit Breakers *(26 24 19 00-0268)*

26 24 19 00-0346	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100	891.85	49.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.39*	
26 24 19 00-0347	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150	1,541.89	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0348	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/100	1,479.22	49.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.39*	
26 24 19 00-0349	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/150	2,128.03	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0350	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150/150	2,726.53	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0351	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 250	1,700.92	97.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.80*	
26 24 19 00-0352	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 400	2,742.34	105.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.32*	
26 24 19 00-0353	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 600	3,616.15	135.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.37*	
26 24 19 00-0354	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 800	4,269.08	207.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.40*	
26 24 19 00-0355	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 1200	6,052.17	312.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*187.83*	
26 24 19 00-0356	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2000	13,180.51	414.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*248.52*	
26 24 19 00-0357	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2500	19,663.18	520.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*311.75*	
26 24 19 00-0358	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 3000	32,721.05	602.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*362.10*	
26 24 19 00-0359	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	1,068.68	49.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.39*	
26 24 19 00-0360	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150	1,713.78	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0361	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	1,068.68	49.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.39*	
26 24 19 00-0362	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/50	1,713.78	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0363	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/150	1,806.91	49.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.39*	
26 24 19 00-0364	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150/150	2,476.74	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0365	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	3,067.82	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0366	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 100	1,628.45	75.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0367	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 400	4,130.58	207.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.40*	
26 24 19 00-0368	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-225	4,130.58	207.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.40*	
26 24 19 00-0369	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-400	5,546.73	226.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.62*	
26 24 19 00-0370	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-600	6,920.46	263.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.21*	
26 24 19 00-0371	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-800	7,966.38	312.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*187.83*	

26 24 19 00-0372 Incoming Line And Feeder Fusible Switches *(26 24 19 00-0268)*

26 24 19 00-0373	EA	Incoming Line And Feeder Fusible Switches, 30 Or 60 Amps	970.13	75.37
26 24 19 00-0374	EA	Incoming Line And Feeder Fusible Switches, 30 Dual/60 Dual	1,479.62	75.37
26 24 19 00-0375	EA	Incoming Line And Feeder Fusible Switches, 100	1,546.20	94.21
26 24 19 00-0376	EA	Incoming Line And Feeder Fusible Switches, 200	2,500.22	113.06
26 24 19 00-0377	EA	Incoming Line And Feeder Fusible Switches, 400	4,900.14	143.21
26 24 19 00-0378	EA	Incoming Line And Feeder Fusible Switches, 600	6,868.87	188.44
26 24 19 00-0379	EA	Incoming Line And Feeder Fusible Switches, 800	16,633.26	252.50
26 24 19 00-0380	EA	Incoming Line And Feeder Fusible Switches, 1200	18,789.65	350.49

26 24 19 00-0381 Dry Type Distribution Transformers *(26 24 19 00-0268)*

26 24 19 00-0382	EA	Dry Type Distribution Transformers, 500 VA, Phase 1	843.34
26 24 19 00-0383	EA	Dry Type Distribution Transformers, 750 VA, Phase 1	870.55
26 24 19 00-0384	EA	Dry Type Distribution Transformers, 1000 VA, Phase 1	898.99
26 24 19 00-0385	EA	Dry Type Distribution Transformers, 1500 VA, Phase 1	1,031.30
26 24 19 00-0386	EA	Dry Type Distribution Transformers, 2000 VA, Phase 1	1,117.86
26 24 19 00-0387	EA	Dry Type Distribution Transformers, 3000 VA, Phase 1	1,245.31
26 24 19 00-0388	EA	Dry Type Distribution Transformers, 5000 VA, Phase 1	1,520.98
26 24 19 00-0389	EA	Dry Type Distribution Transformers, 7500 VA, Phase 1	1,713.89
26 24 19 00-0390	EA	Dry Type Distribution Transformers, 9000 VA, Phase 3	3,984.24
26 24 19 00-0391	EA	Dry Type Distribution Transformers, 10000 VA, Phase 1	2,114.54
26 24 19 00-0392	EA	Dry Type Distribution Transformers, 15000 VA, Phase 1	2,929.44
26 24 19 00-0393	EA	Dry Type Distribution Transformers, 15000 VA, Phase 3	4,565.43
26 24 19 00-0394	EA	Dry Type Distribution Transformers, 20000 VA, Phase 1	4,227.84
26 24 19 00-0395	EA	Dry Type Distribution Transformers, 30000 VA, Phase 1	5,858.88
26 24 19 00-0396	EA	Dry Type Distribution Transformers, 30000 VA, Phase 3	5,953.82
26 24 19 00-0397	EA	Dry Type Distribution Transformers, 45000 VA, Phase 1	8,247.15

26 24 19 00-0398 Metering Equipment *(26 24 19 00-0268)*

26 24 19 00-0399	EA	Metering Equipment, Voltmeter, Panel Type	223.06
26 24 19 00-0400	EA	Metering Equipment, Voltmeter, Switchboard Type	487.68
26 24 19 00-0401	EA	Metering Equipment, Ammeter, Panel	200.89
26 24 19 00-0402	EA	Metering Equipment, Ammeter, Switchboard Type	487.68
26 24 19 00-0403	EA	Metering Equipment, Voltmeter/Ammeter, Switch	270.86
26 24 19 00-0404	EA	Metering Equipment, Control Switch, 4 Circuits	287.48
26 24 19 00-0405	EA	Add For Additional Circuits	63.83
26 24 19 00-0406	EA	Metering Equipment, Indicating Wattmeter	1,005.85
26 24 19 00-0407	EA	Metering Equipment, Indicating Power Factor	1,053.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0408	EA	Metering Equipment, Integrating Watt-hour	928.95	
26 24 19 00-0409	EA	Add For Demand Attachment	417.81	
26 24 19 00-0410	EA	Metering Equipment, Current Transformer, 800 Amp	277.79	
26 24 19 00-0411	EA	Metering Equipment, Current Transformer, 1000 Amp	479.37	
26 24 19 00-0412	EA	Metering Equipment, Current Transformer, 2000 Amp	558.34	
26 24 19 00-0413	EA	Metering Equipment, Potential Transformer	465.52	
26 24 19 00-0414	EA	Metering Equipment, Surge Arrester	500.85	
26 24 19 00-0415	EA	Metering Equipment, Ground Detector System	383.08	
26 24 19 00-0416		**Current Limiting Reactors** *(26 24 19 00-0268)*		
26 24 19 00-0417	EA	Current Limiting Reactors, 600 Amps	15,263.01	
26 24 19 00-0418	EA	Current Limiting Reactors, 800 Amps	22,227.39	
26 24 19 00-0419	EA	Current Limiting Reactors, 1000 Amps	29,207.84	
26 24 19 00-0420	EA	Current Limiting Reactors, 1200 Amps	44,459.72	
26 24 19 00-0421		**Incoming Line Cable Space Requirements, Main Lugs Only** *(26 24 19 00-0268)*		
26 24 19 00-0422	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Screw	399.00	
26 24 19 00-0423	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Crimp	399.00	
26 24 19 00-0424	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Screw	551.61	
26 24 19 00-0425	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Crimp	1,009.45	
26 24 19 00-0426	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Screw	551.61	
26 24 19 00-0427	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Crimp	704.22	
26 24 19 00-0428	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Screw	704.22	
26 24 19 00-0429	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Crimp	1,007.61	
26 24 19 00-0430	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Screw	704.22	
26 24 19 00-0431	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Crimp	1,007.61	
26 24 19 00-0432	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Screw	856.84	
26 24 19 00-0433	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Crimp	2,778.29	
26 24 19 00-0434	EA	Incoming Line Cable Space Requirement, 1000 MCC, 2 Screw	856.84	
26 24 19 00-0435	EA	Incoming Line Cable Space Requirement, 1000 MCC, 2 Crimp	1,007.61	
26 24 19 00-0436	EA	Incoming Line Cable Space Requirement, 1000 MCC, 4 Screw	2,778.29	
26 24 19 00-0437	EA	Incoming Line Cable Space Requirement, 1000 MCC, 4 Crimp	2,778.29	
26 24 19 00-0438	EA	Bus Duct Transition Pull Box	1,390.31	
26 24 19 00-0439	EA	Throat And Transition To Substation	2,683.98	
26 24 19 00-0440	EA	Service Entrance Label	581.25	
26 24 19 00-0441	EA	Type W To 5 Star - 10" Transition	1,214.97	
26 24 19 00-0442	EA	600 Ampere Sub Feed Lugs On Main Bus	277.38	
26 24 19 00-0443		**Standard Structures And Structure Options/Modifications** *(26 24 19 00-0268)*		
26 24 19 00-0444	EA	Standard Structure Add For Each Additional 4" Of Structure Width	383.82	
26 24 19 00-0445	EA	Standard Structure Add For 8" Vertical Wireway In Lieu Of 4"	383.82	
26 24 19 00-0446	EA	Standard Structure Single Corner Section "L", 16" Depth	1,187.36	
26 24 19 00-0447	EA	Standard Structure Single Corner Section "L", 21" Depth	1,339.23	
26 24 19 00-0448	EA	Standard Structure Unused Space/Future Space	114.59	
26 24 19 00-0449	EA	Standard Structure NEMA 12 Dustproof	309.27	
26 24 19 00-0450	EA	Standard Structure Bottom Plate For NEMA 1 Gasket Enclosure	64.89	
26 24 19 00-0451	EA	Standard Structure 150 Watt Space	278.89	
26 24 19 00-0452	EA	Standard Structure Thermostat For Space Heater Control	337.73	
26 24 19 00-0453	EA	Standard Structure Rear Hinged Structure Door, 72" High	278.89	
26 24 19 00-0454	EA	Standard Structure NEMA 2 Drip Shield On Top Of MCC	218.19	
26 24 19 00-0455	EA	Standard Structure NEMA 3R N-Walk In Front Mounted	3,112.70	
26 24 19 00-0456	EA	Standard Structure NEMA 3R N-Walk In Back-to-back	3,597.83	
26 24 19 00-0457	EA	Standard Structure NEMA 3R Walk-In Aisle Front Mounted	3,601.31	
26 24 19 00-0458		**Installation Hours For Vertical Sections** *(26 24 19 00-0268)*		
26 24 19 00-0459	EA	Install Vertical Section, 230/480V, 1 Section, 600 Amps	452.22	226.11
26 24 19 00-0460	EA	Install Vertical Section, 230/480V, 2 Section, 600 Amps	678.32	339.18
26 24 19 00-0461	EA	Install Vertical Section, 230/480V, 3 Section, 600 Amps	753.73	376.86
26 24 19 00-0462	EA	Install Vertical Section, 230/480V, 4 Section, 600 Amps	904.55	452.24
26 24 19 00-0463	EA	Install Vertical Section, 230/480V, Bolt To Floor, 600 Amps	75.37	37.69
26 24 19 00-0464	EA	Install Vertical Section, 230/480V, 1 Section, 800 Amps	452.22	226.11
26 24 19 00-0465	EA	Install Vertical Section, 230/480V, 2 Section, 800 Amps	678.32	339.18
26 24 19 00-0466	EA	Install Vertical Section, 230/480V, 3 Section, 800 Amps	753.73	376.86
26 24 19 00-0467	EA	Install Vertical Section, 230/480V, 4 Section, 800 Amps	904.55	452.24
26 24 19 00-0468	EA	Install Vertical Section, 230/480V, Bolt To Floor, 800 Amps	75.37	37.69
26 24 19 00-0469	EA	Install Vertical Section, 230/480V, 1 Section, 1200 Amps	527.62	263.80
26 24 19 00-0470	EA	Install Vertical Section, 230/480V, 2 Section, 1200 Amps	678.32	339.18
26 24 19 00-0471	EA	Install Vertical Section, 230/480V, 3 Section, 1200 Amps	904.55	452.24
26 24 19 00-0472	EA	Install Vertical Section, 230/480V, 4 Section, 1200 Amps	1,055.09	527.53
26 24 19 00-0473	EA	Install Vertical Section, 230/480V, Bolt To Floor, 1200 Amps	113.06	56.53
26 24 19 00-0474	EA	Install Vertical Section, 230/480V, 1 Section, 1600 Amps	602.98	301.49
26 24 19 00-0475	EA	Install Vertical Section, 230/480V, 2 Section, 1600 Amps	829.17	414.55
26 24 19 00-0476	EA	Install Vertical Section, 230/480V, 3 Section, 1600 Amps	1,055.09	527.53
26 24 19 00-0477	EA	Install Vertical Section, 230/480V, 4 Section, 1600 Amps	1,205.75	602.91
26 24 19 00-0478	EA	Install Vertical Section, 230/480V, Bolt To Floor, 1600 Amps	150.75	75.37
26 24 19 00-0479	EA	Install Vertical Section, 230/480V, 1 Section, 2000 Amps	602.98	301.49
26 24 19 00-0480	EA	Install Vertical Section, 230/480V, 2 Section, 2000 Amps	904.55	452.24
26 24 19 00-0481	EA	Install Vertical Section, 230/480V, 3 Section, 2000 Amps	1,130.47	565.22
26 24 19 00-0482	EA	Install Vertical Section, 230/480V, 4 Section, 2000 Amps	1,281.42	640.75
26 24 19 00-0483	EA	Install Vertical Section, 230/480V, Bolt To Floor, 2000 Amps	150.75	75.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0484		Motor Control Centers *(26 24 19)*		
26 24 19 00-0485		2400V Motor Control Centers *(26 24 19 00-0484)*		
26 24 19 00-0486	EA	2400V CL 11-202, Squirrel Cage Motor Control, 100 To 300 Hp	9,694.27	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.45*	
26 24 19 00-0487	EA	2400V CL 11-202, Squirrel Cage Motor Control, 400 Hp	9,694.27	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.45*	
26 24 19 00-0488	EA	2400V CL 11-202, Squirrel Cage Motor Control, 600 Hp	9,694.27	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.45*	
26 24 19 00-0489	EA	2400V CL 11-202, Squirrel Cage Motor Control, 700 Hp	9,731.98	169.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.76*	
26 24 19 00-0490	EA	2400V CL 11-202, Squirrel Cage Motor Control, 1000 Hp	10,338.37	188.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.06*	
26 24 19 00-0491	EA	2400V CL 11-202, Squirrel Cage Motor Control, 1250 Hp	10,376.05	207.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.36*	
26 24 19 00-0492	EA	2400V CL 11-202, Squirrel Cage Motor Control, 1500 Hp	10,413.73	226.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.67*	
26 24 19 00-0493	EA	2400V CL 11-202, Squirrel Cage Motor Control, 1750 Hp	10,489.13	263.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.29*	
26 24 19 00-0494	EA	2400V CL 11-202, Squirrel Cage Motor Control, 2000 Hp	10,564.49	301.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*180.89*	
26 24 19 00-0495	EA	2400V CL 11-202, Squirrel Cage Motor Control, 2250 Hp	17,728.94	339.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.50*	
26 24 19 00-0496	EA	2400V CL 11-202, Squirrel Cage Motor Control, 2500 Hp	19,033.74	376.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*226.12*	
26 24 19 00-0497	EA	2400V CL 13-202, Wound Rotor Motor Control, 100 Hp	14,356.76	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.45*	
26 24 19 00-0498	EA	2400V CL 13-202, Wound Rotor Motor Control, 150 Hp	14,958.46	162.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.23*	
26 24 19 00-0499	EA	2400V CL 13-202, Wound Rotor Motor Control, 200 Hp	16,991.24	177.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.28*	
26 24 19 00-0500	EA	2400V CL 13-202, Wound Rotor Motor Control, 300 Hp	18,909.64	188.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.06*	
26 24 19 00-0501	EA	2400V CL 13-202, Wound Rotor Motor Control, 400 Hp	20,578.52	218.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.16*	
26 24 19 00-0502	EA	2400V CL 13-202, Wound Rotor Motor Control, 600 Hp	22,544.65	233.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.20*	
26 24 19 00-0503	EA	2400V CL 13-202, Wound Rotor Motor Control, 700 Hp	24,509.62	248.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*149.23*	
26 24 19 00-0504	EA	2400V CL 13-202, Wound Rotor Motor Control, 1000 Hp	26,842.47	271.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.81*	
26 24 19 00-0505	EA	2400V CL 13-202, Wound Rotor Motor Control, 1250 Hp	31,230.90	301.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*180.89*	
26 24 19 00-0506	EA	2400V CL 13-202, Wound Rotor Motor Control, 1500 Hp	33,834.26	320.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*192.21*	
26 24 19 00-0507	EA	2400V CL 13-202, Wound Rotor Motor Control, 1750 Hp	51,629.83	376.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*226.12*	
26 24 19 00-0508	EA	2400V CL 13-202, Wound Rotor Motor Control, 2000 Hp	55,014.29	414.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*248.75*	
26 24 19 00-0509	EA	2400V CL 13-202, Wound Rotor Motor Control, 2250 Hp	57,962.08	452.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*271.37*	
26 24 19 00-0510	EA	2400V CL 13-202, Wound Rotor Motor Control, 2500 Hp	63,113.66	490.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*294.00*	
26 24 19 00-0511	EA	2400V CL 14-202, Synchronous Motor Control, 100 To 300 Hp	13,549.04	150.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.45*	
26 24 19 00-0512	EA	2400V CL 14-202, Synchronous Motor Control, 400 Hp	13,586.75	169.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.76*	
26 24 19 00-0513	EA	2400V CL 14-202, Synchronous Motor Control, 600 Hp	13,624.41	188.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.06*	
26 24 19 00-0514	EA	2400V CL 14-202, Synchronous Motor Control, 700 Hp	13,662.09	207.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.36*	
26 24 19 00-0515	EA	2400V CL 14-202, Synchronous Motor Control, 1000 Hp	13,702.07	226.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.67*	
26 24 19 00-0516	EA	2400V CL 14-202, Synchronous Motor Control, 1250 Hp	13,739.79	244.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*146.98*	
26 24 19 00-0517	EA	2400V CL 14-202, Synchronous Motor Control, 1500 Hp	13,777.47	263.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.29*	
26 24 19 00-0518	EA	2400V CL 14-202, Synchronous Motor Control, 1750 Hp	13,928.17	339.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.50*	
26 24 19 00-0519	EA	2400V CL 14-202, Synchronous Motor Control, 2000 Hp	23,658.32	376.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*226.12*	
26 24 19 00-0520	EA	2400V CL 14-202, Synchronous Motor Control, 2250 Hp	23,733.76	414.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*248.75*	
26 24 19 00-0521	EA	2400V CL 14-202, Synchronous Motor Control, 2500 Hp	25,031.63	452.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*271.37*	
26 24 19 00-0522	EA	Add For Reversing Starters, 100 To 700 HP	5,332.58	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0523	EA	Add For Reversing Starters, 1000 To 1500 Hp	5,493.43	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0524	EA	Add For Reversing Starters, 1750 To 2500 HP	8,394.56	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0525		4800V Motor Control Centers *(26 24 19 00-0484)*		
26 24 19 00-0526	EA	4800V CL 11-202, Squirrel Cage Motor Control, 100 To 600 HP	10,574.59	226.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0527	EA	4800V CL 11-202, Squirrel Cage Motor Control, 700 HP	10,612.31	244.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*146.98*	
26 24 19 00-0528	EA	4800V CL 11-202, Squirrel Cage Motor Control, 1000 HP	10,649.99	263.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.29*	
26 24 19 00-0529	EA	4800V CL 11-202, Squirrel Cage Motor Control, 1250 HP	10,687.70	282.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*169.60*	
26 24 19 00-0530	EA	4800V CL 11-202, Squirrel Cage Motor Control, 1500 HP	11,288.34	301.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*180.89*	
26 24 19 00-0531	EA	4800V CL 11-202, Squirrel Cage Motor Control, 1750 HP	11,326.07	320.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*192.21*	
26 24 19 00-0532	EA	4800V CL 11-202, Squirrel Cage Motor Control, 2000 HP	11,363.68	339.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.50*	
26 24 19 00-0533	EA	4800V CL 11-202, Squirrel Cage Motor Control, 2250 HP	11,401.44	358.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*214.82*	
26 24 19 00-0534	EA	4800V CL 11-202, Squirrel Cage Motor Control, 2500 HP	11,439.09	376.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*226.12*	
26 24 19 00-0535	EA	4800V CL 11-202, Squirrel Cage Motor Control, 3000 HP	19,323.21	490.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*294.00*	
26 24 19 00-0536	EA	4800V CL 11-202, Squirrel Cage Motor Control, 3500 HP	19,398.29	527.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*316.53*	
26 24 19 00-0537	EA	4800V CL 11-202, Squirrel Cage Motor Control, 4000 HP	20,697.32	565.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*339.14*	
26 24 19 00-0538	EA	4800V CL 11-202, Squirrel Cage Motor Control, 4500 HP	20,772.60	602.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*361.73*	
26 24 19 00-0539	EA	4800V CL 13-202, Wound Rotor Motor Control, 100 HP	14,670.64	226.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.67*	
26 24 19 00-0540	EA	4800V CL 13-202, Wound Rotor Motor Control, 150 HP	14,869.22	244.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*146.98*	
26 24 19 00-0541	EA	4800V CL 13-202, Wound Rotor Motor Control, 200 HP	17,331.21	263.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.29*	
26 24 19 00-0542	EA	4800V CL 13-202, Wound Rotor Motor Control, 300 HP	19,258.97	282.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*169.60*	
26 24 19 00-0543	EA	4800V CL 13-202, Wound Rotor Motor Control, 400 HP	20,905.16	301.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*180.89*	
26 24 19 00-0544	EA	4800V CL 13-202, Wound Rotor Motor Control, 600 HP	22,878.90	320.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*192.21*	
26 24 19 00-0545	EA	4800V CL 13-202, Wound Rotor Motor Control, 700 HP	24,731.87	339.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.50*	
26 24 19 00-0546	EA	4800V CL 13-202, Wound Rotor Motor Control, 1000 HP	27,176.71	358.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*214.82*	
26 24 19 00-0547	EA	4800V CL 13-202, Wound Rotor Motor Control, 1250 HP	31,465.52	376.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*226.12*	
26 24 19 00-0548	EA	4800V CL 13-202, Wound Rotor Motor Control, 1500 HP	34,382.53	395.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*237.43*	
26 24 19 00-0549	EA	4800V CL 13-202, Wound Rotor Motor Control, 1750 HP	37,337.23	433.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*260.05*	
26 24 19 00-0550	EA	4800V CL 13-202, Wound Rotor Motor Control, 2000 HP	39,775.13	452.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*271.37*	
26 24 19 00-0551	EA	4800V CL 13-202, Wound Rotor Motor Control, 2250 HP	42,075.05	471.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*282.65*	
26 24 19 00-0552	EA	4800V CL 13-202, Wound Rotor Motor Control, 2500 HP	45,289.79	490.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*294.00*	
26 24 19 00-0553	EA	4800V CL 13-202, Wound Rotor Motor Control, 3000 HP	71,723.38	602.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*361.73*	
26 24 19 00-0554	EA	4800V CL 13-202, Wound Rotor Motor Control, 3500 HP	79,749.88	640.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*384.43*	
26 24 19 00-0555	EA	4800V CL 13-202, Wound Rotor Motor Control, 4000 HP	95,824.43	678.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*407.00*	
26 24 19 00-0556	EA	4800V CL 13-202, Wound Rotor Motor Control, 4500 HP	101,345.20	678.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*407.00*	
26 24 19 00-0557	EA	4800V CL 14-202, Synchronous Motor Control, 100 To 600 HP	14,502.46	263.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.29*	
26 24 19 00-0558	EA	4800V CL 14-202, Synchronous Motor Control, 700 HP	14,540.17	282.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*169.60*	
26 24 19 00-0559	EA	4800V CL 14-202, Synchronous Motor Control, 1000 HP	14,577.82	301.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*180.89*	
26 24 19 00-0560	EA	4800V CL 14-202, Synchronous Motor Control, 1250 HP	14,615.55	320.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*192.21*	
26 24 19 00-0561	EA	4800V CL 14-202, Synchronous Motor Control, 1500 HP	15,864.17	339.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.50*	
26 24 19 00-0562	EA	4800V CL 14-202, Synchronous Motor Control, 1750 HP	15,901.93	358.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*214.82*	
26 24 19 00-0563	EA	4800V CL 14-202, Synchronous Motor Control, 2000 HP	15,939.58	376.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*226.12*	
26 24 19 00-0564	EA	4800V CL 14-202, Synchronous Motor Control, 2250 HP	15,977.28	395.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*237.43*	
26 24 19 00-0565	EA	4800V CL 14-202, Synchronous Motor Control, 2500 HP	16,015.02	414.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*248.75*	
26 24 19 00-0566	EA	4800V CL 14-202, Synchronous Motor Control, 3000 HP	16,240.94	527.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*316.53*	
26 24 19 00-0567	EA	4800V CL 14-202, Synchronous Motor Control, 3500 HP	26,131.92	565.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*339.14*	
26 24 19 00-0568	EA	4800V CL 14-202, Synchronous Motor Control, 4000 HP	27,425.10	602.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*361.73*	
26 24 19 00-0569	EA	4800V CL 14-202, Synchronous Motor Control, 4500 HP	27,425.10	602.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*361.73*	
26 24 19 00-0570	EA	Add For Reversing Starters, 100 To 1250 HP	8,443.32	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0571	EA	Add For Reversing Starters, 1500 To 2500 HP	8,700.74	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	
26 24 19 00-0572	EA	Add For Reversing Starters, 3000 To 4500 HP	13,343.47	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.23*	

26 24 19 00-0573 2400/4800V Motor Control Centers, Accessories *(26 24 19 00-0484)*

26 24 19 00-0574	EA	2400/4800V Load Break Disconnect Switch 600 Amp	10,965.99	150.75
26 24 19 00-0575	EA	2400/4800V Load Break Disconnect Switch 1200 Amp	13,159.52	226.11
26 24 19 00-0576	EA	2400/4800V NEMA 3 Weather Resistant	4,341.19	
26 24 19 00-0577	EA	2400/4800V Space Heaters	159.57	11.31
26 24 19 00-0578	EA	2400/4800V Potential Transformer Fused	1,257.68	
26 24 19 00-0579	EA	2400/4800V Current Transformer 600 V/5 KVA	674.81	
26 24 19 00-0580	EA	2400/4800V Control Transformer 4 KVA Max	2,009.71	
26 24 19 00-0581	EA	2400/4800V Pushbuttons Each	128.71	
26 24 19 00-0582	EA	2400/4800V Selector Switch Each	426.58	
26 24 19 00-0583	EA	2400/4800V Indicating Light	128.71	
26 24 19 00-0584	EA	2400/4800V Push To Test Light	389.81	
26 24 19 00-0585	EA	2400/4800V AC Voltmeter, Switchboard Type	1,037.03	
26 24 19 00-0586	EA	2400/4800V AC Ammeter, Switchboard Type	1,037.03	
26 24 19 00-0587	EA	2400/4800V Power Factor Meter	3,101.90	
26 24 19 00-0588	EA	2400/4800V Watt Hr Meter, 2 Element Drawout	2,138.42	
26 24 19 00-0589	EA	2400/4800V Operation Counter	412.42	11.31
26 24 19 00-0590	EA	2400/4800V Phase Failure Protection	2,984.20	37.69
26 24 19 00-0591	EA	2400/4800V Ground Protection	5,722.97	18.84
26 24 19 00-0592	EA	2400/4800V Synchronous Motor DC Protection	1,604.88	18.84
26 24 19 00-0593	EA	2400/4800V Lightning Arresters	2,567.78	11.31
26 24 19 00-0594	EA	2400/4800V Portable Lifting Mechanism	3,709.99	
26 24 19 00-0595	EA	2400/4800V Auxiliary Timing Relay	503.37	37.69
26 24 19 00-0596	EA	2400/4800V Auxiliary Control Relay	358.40	37.69

26 24 19 00-0597 Incoming Section And Feeder Air Circuit Breakers *(26 24 19 00-0484)*

Note: 3 Pole. Includes structure.

26 24 19 00-0598	EA	Incoming Section MCC, Air Circuit Breaker, 70-100 A, 14000 Amp IC, 3-Pole, With Structure Included	802.55	225.90
26 24 19 00-0599	EA	Incoming Section MCC, Air Circuit Breaker, 125-225 A, 22000 Amp IC, 3-Pole, With Structure Included	1,394.51	399.86
26 24 19 00-0600	EA	Incoming Section MCC, Air Circuit Breaker, 125-400 A, 30000 Amp IC, 3-Pole, With Structure Included	1,675.35	511.98
26 24 19 00-0601	EA	Incoming Section MCC, Air Circuit Breaker, 125-600 A, 30000 Amp IC, 3-Pole, With Structure Included	2,683.54	824.45
26 24 19 00-0602	EA	Incoming Section MCC, Air Circuit Breaker, 125-1200 A, 30000 Amp IC, 3-Pole, With Structure Included	3,148.16	906.90
26 24 19 00-0603	EA	Incoming Section MCC, Air Circuit Breaker, 125-2000 A, 30000 Amp IC, 3-Pole, With Structure Included	4,026.29	1,005.83
26 24 19 00-0604	EA	Incoming Section MCC, Air Circuit Breaker, 125-400 A, 30000 Amp IC, 3-Pole, With Structure Included	4,688.01	1,178.96
26 24 19 00-0605	EA	Incoming Section MCC, Air Circuit Breaker, 125-400 A, 100000 Amp IC, 3-Pole, With Structure Included	7,944.36	1,373.53

26 24 19 00-0606 Main Lugs Only *(26 24 19 00-0484)*

26 24 19 00-0607	EA	600 Amp Incoming Section, Main Lugs	661.69	288.56
26 24 19 00-0608	EA	800 Amp Incoming Section, Main Lugs	720.05	288.56
26 24 19 00-0609	EA	1200 Amp Incoming Section, Main Lugs	1,016.05	453.45
26 24 19 00-0610	EA	2000 Amp Incoming Section, Main Lugs	2,422.22	824.45
26 24 19 00-0611	EA	3000 Amp Incoming Section, Main Lugs	3,673.28	1,195.45
26 24 19 00-0612	EA	4000 Amp Incoming Section, Main Lugs	5,224.87	1,648.90

26 24 19 00-0613 Incoming Main Circuit Breaker Structure *(26 24 19 00-0484)*

Note: Includes structure, main breaker, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

26 24 19 00-0614	EA	225 A, Main Circuit Breaker Section	4,082.20	398.95
		For 800A Tin Plated Copper Bus, Add	*182.00*	
		For 1200A Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0615	EA	400 A, Main Circuit Breaker Section	8,577.57	512.48
		For 800A Tin Plated Copper Bus, Add	*182.00*	
		For 1200A Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0616	EA	600 A, Main Circuit Breaker Section	8,976.11	798.24
		For 800A Tin Plated Copper Bus, Add	*182.00*	
		For 1200A Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0617	EA	800 A, Main Circuit Breaker Section	12,665.36	798.24
		For 800A Tin Plated Copper Bus, Add	*182.00*	
		For 1200A Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0618	EA	1200 A, Main Circuit Breaker Section	18,265.32	903.18
		For 800A Tin Plated Copper Bus, Add	*182.00*	
		For 1200A Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 24 19 00-0619 Incoming Fusible Main Disconnect Section *(26 24 19 00-0484)*

Note: Includes structure, fuses, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

26 24 19 00-0620	EA	200 A, Fusible Main Disconnect Section	3,558.56	399.45
		For 800A Tin Plated Copper Bus, Add	*182.00*	
		For 1200A Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0621	EA	400 A, Fusible Main Disconnect Section	4,903.19	512.72
		For 800A Tin Plated Copper Bus, Add	*182.00*	
		For 1200A Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0622	EA	600 A, Fusible Main Disconnect Section	9,525.62	798.90
		For 800A Tin Plated Copper Bus, Add	*182.00*	
		For 1200A Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0623	EA	800 A, Fusible Main Disconnect Section	11,039.02	798.90
		For 800A Tin Plated Copper Bus, Add	*182.00*	
		For 1200A Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0624	EA	1200 A, Fusible Main Disconnect Section	15,488.93	904.01
		For 800A Tin Plated Copper Bus, Add	*182.00*	
		For 1200A Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	

26 24 19 00-0625 Circuit Breaker Combination Starters *(26 24 19 00-0484)*

26 24 19 00-0626 Class I, Type A *(26 24 19 00-0625)*

26 24 19 00-0627	EA	Size 1, Class I, Type A Circuit Breaker Combination Starter	661.06	167.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.42*	
26 24 19 00-0628	EA	Size 2, Class I, Type A Circuit Breaker Combination Starter	766.36	167.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.70*	
26 24 19 00-0629	EA	Size 3, Class I, Type A Circuit Breaker Combination Starter	1,106.90	237.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*142.15*	
26 24 19 00-0630	EA	Size 4, Class I, Type A Circuit Breaker Combination Starter	1,780.58	312.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*187.38*	
26 24 19 00-0631	EA	Size 5, Class I, Type A Circuit Breaker Combination Starter	3,139.55	390.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*234.22*	

26 24 19 00-0632 Class I, Type B *(26 24 19 00-0625)*

26 24 19 00-0633	EA	Size 1, Class I, Type B Circuit Breaker Combination Starter	621.74	145.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.45*	
26 24 19 00-0634	EA	Size 2, Class I, Type B Circuit Breaker Combination Starter	723.51	145.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.84*	
26 24 19 00-0635	EA	Size 3, Class I, Type B Circuit Breaker Combination Starter	1,055.86	211.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.84*	
26 24 19 00-0636	EA	Size 4, Class I, Type B Circuit Breaker Combination Starter	1,728.53	286.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*171.76*	
26 24 19 00-0637	EA	Size 5, Class I, Type B Circuit Breaker Combination Starter	3,097.57	365.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*221.63*	

26 24 19 00-0638 Class I, Type C *(26 24 19 00-0625)*

26 24 19 00-0639	EA	Size 1, Class I, Type C Circuit Breaker Combination Starter	648.98	135.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.68*	
26 24 19 00-0640	EA	Size 2, Class I, Type C Circuit Breaker Combination Starter	758.30	135.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.71*	
26 24 19 00-0641	EA	Size 3, Class I, Type C Circuit Breaker Combination Starter	1,122.04	201.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*121.24*	
26 24 19 00-0642	EA	Size 4, Class I, Type C Circuit Breaker Combination Starter	1,799.39	279.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*167.57*	
26 24 19 00-0643	EA	Size 5, Class I, Type C Circuit Breaker Combination Starter	3,161.85	358.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*214.70*	

26 24 19 00-0644 Class II, Type B *(26 24 19 00-0625)*

26 24 19 00-0645	EA	Size 1, Class II, Type B Circuit Breaker Combination Starter	671.76	200.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.25*	
26 24 19 00-0646	EA	Size 2, Class II, Type B Circuit Breaker Combination Starter	911.50	200.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.45*	
26 24 19 00-0647	EA	Size 3, Class II, Type B Circuit Breaker Combination Starter	1,280.88	267.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.78*	
26 24 19 00-0648	EA	Size 4, Class II, Type B Circuit Breaker Combination Starter	2,060.81	342.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*206.12*	
26 24 19 00-0649	EA	Size 5, Class II, Type B Circuit Breaker Combination Starter	3,649.95	418.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*251.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0650		Class II, Type C *(26 24 19 00-0625)*		
26 24 19 00-0651	EA	Size 1, Class II, Type C Circuit Breaker Combination Starter	819.94	189.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.48*	
26 24 19 00-0652	EA	Size 2, Class II, Type C Circuit Breaker Combination Starter	938.02	189.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.46*	
26 24 19 00-0653	EA	Size 3, Class II, Type C Circuit Breaker Combination Starter	1,350.96	258.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*154.97*	
26 24 19 00-0654	EA	Size 4, Class II, Type C Circuit Breaker Combination Starter	2,125.62	333.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*200.11*	
26 24 19 00-0655	EA	Size 5, Class II, Type C Circuit Breaker Combination Starter	3,725.95	412.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*248.33*	
26 24 19 00-0656		Fused Disconnect Combination Starter *(26 24 19 00-0484)*		
26 24 19 00-0657		Class I, Type A *(26 24 19 00-0656)*		
26 24 19 00-0658	EA	Size 1, Class I, Type A Fused Disconnect Combination Starter	606.73	154.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.84*	
26 24 19 00-0659	EA	Size 2, Class I, Type A Fused Disconnect Combination Starter	906.43	211.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.45*	
26 24 19 00-0660	EA	Size 3, Class I, Type A Fused Disconnect Combination Starter	1,418.21	274.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.89*	
26 24 19 00-0661	EA	Size 4, Class I, Type A Fused Disconnect Combination Starter	1,943.82	385.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*231.59*	
26 24 19 00-0662	EA	Size 5, Class I, Type A Fused Disconnect Combination Starter	3,336.10	490.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*294.45*	
26 24 19 00-0663		Class I, Type B *(26 24 19 00-0656)*		
26 24 19 00-0664	EA	Size 1, Class I, Type B Fused Disconnect Combination Starter	610.35	137.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.45*	
26 24 19 00-0665	EA	Size 2, Class I, Type B Fused Disconnect Combination Starter	823.38	188.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.25*	
26 24 19 00-0666	EA	Size 3, Class I, Type B Fused Disconnect Combination Starter	1,208.30	252.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.55*	
26 24 19 00-0667	EA	Size 4, Class I, Type B Fused Disconnect Combination Starter	1,999.93	364.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*219.27*	
26 24 19 00-0668	EA	Size 5, Class I, Type B Fused Disconnect Combination Starter	3,380.76	463.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*278.53*	
26 24 19 00-0669		Class I, Type C *(26 24 19 00-0656)*		
26 24 19 00-0670	EA	Size 1, Class I, Type C Fused Disconnect Combination Starter	639.69	128.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.20*	
26 24 19 00-0671	EA	Size 2, Class I, Type C Fused Disconnect Combination Starter	861.08	174.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.70*	
26 24 19 00-0672	EA	Size 3, Class I, Type C Fused Disconnect Combination Starter	1,302.46	243.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*147.22*	
26 24 19 00-0673	EA	Size 4, Class I, Type C Fused Disconnect Combination Starter	2,093.32	358.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*214.70*	
26 24 19 00-0674	EA	Size 5, Class I, Type C Fused Disconnect Combination Starter	3,205.24	458.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*274.82*	
26 24 19 00-0675		Class II, Type B *(26 24 19 00-0656)*		
26 24 19 00-0676	EA	Size 1, Class II, Type B Fused Disconnect Combination Starter	777.22	192.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.79*	
26 24 19 00-0677	EA	Size 2, Class II, Type B Fused Disconnect Combination Starter	1,000.65	240.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.14*	
26 24 19 00-0678	EA	Size 3, Class II, Type B Fused Disconnect Combination Starter	1,436.40	310.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*185.69*	
26 24 19 00-0679	EA	Size 4, Class II, Type B Fused Disconnect Combination Starter	2,306.96	418.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*251.36*	
26 24 19 00-0680	EA	Size 5, Class II, Type B Fused Disconnect Combination Starter	3,882.01	521.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*312.29*	
26 24 19 00-0681		Class II, Type C *(26 24 19 00-0656)*		
26 24 19 00-0682	EA	Size 1, Class II, Type C Fused Disconnect Combination Starter	799.68	181.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.48*	
26 24 19 00-0683	EA	Size 2, Class II, Type C Fused Disconnect Combination Starter	1,038.06	227.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.50*	
26 24 19 00-0684	EA	Size 3, Class II, Type C Fused Disconnect Combination Starter	1,512.62	295.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.68*	
26 24 19 00-0685	EA	Size 4, Class II, Type C Fused Disconnect Combination Starter	2,389.92	408.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*245.37*	
26 24 19 00-0686	EA	Size 5, Class II, Type C Fused Disconnect Combination Starter	3,960.01	505.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*303.11*	
26 24 19 00-0687		Space Complete With Bus And Hardware *(26 24 19 00-0484)*		
26 24 19 00-0688		Circuit Breaker Type *(26 24 19 00-0687)*		
26 24 19 00-0689	EA	Circuit Breaker Type, Size 1 Space Complete With Bus And Hardware	190.21	56.07
26 24 19 00-0690	EA	Circuit Breaker Type, Size 2 Space Complete With Bus And Hardware	190.21	56.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0691	EA	Circuit Breaker Type, Size 3 Space Complete With Bus And Hardware	282.22	81.62
26 24 19 00-0692	EA	Circuit Breaker Type, Size 4 Space Complete With Bus And Hardware	338.41	107.18
26 24 19 00-0693	EA	Circuit Breaker Type, Size 5 Space Complete With Bus And Hardware	562.38	163.24

26 24 19 00-0694 Fused Disconnect Type *(26 24 19 00-0687)*

26 24 19 00-0695	EA	Fused Disconnect Type, Size 1 Space Complete With Bus And Hardware	190.21	56.07
26 24 19 00-0696	EA	Fused Disconnect Type, Size 2 Space Complete With Bus And Hardware	254.67	81.62
26 24 19 00-0697	EA	Fused Disconnect Type, Size 3 Space Complete With Bus And Hardware	351.89	107.18
26 24 19 00-0698	EA	Fused Disconnect Type, Size 4 Space Complete With Bus And Hardware	600.00	163.24
26 24 19 00-0699	EA	Fused Disconnect Type, Size 5 Space Complete With Bus And Hardware	839.67	237.44

26 24 19 00-0700 Blank Space For Future Expansion *(26 24 19 00-0687)*

Note: Factory modified no labor costs.

26 24 19 00-0701	EA	Blank Space For Future Expansion, Size 1 Factory Modified, No Crew Costs	78.50	
26 24 19 00-0702	EA	Blank Space For Future Expansion, Size 2 Factory Modified, No Crew Costs	78.50	
26 24 19 00-0703	EA	Blank Space For Future Expansion, Size 3 Factory Modified, No Crew Costs	119.02	
26 24 19 00-0704	EA	Blank Space For Future Expansion, Size 4 Factory Modified, No Crew Costs	119.02	
26 24 19 00-0705	EA	Blank Space For Future Expansion, Size 5 Factory Modified, No Crew Costs	236.77	

26 24 19 00-0706 Structure Combination Of Starters To 72" High *(26 24 19 00-0687)*

26 24 19 00-0707	EA	Structure Combination Of Starters To 72" High	2,143.97	433.91

26 24 19 00-0708 Motor Control Center Basic Distribution Section *(26 24 19 00-0484)*

26 24 19 00-0709	EA	20" Wide Basic Section With Vertical Wireway	3,723.97	1,129.99
		For 20" Cabinet Depth, Add	*108.00*	
		For 800A Tin Plated Copper Bus, Add	*182.00*	
		For 1200A Tin Plated Copper Bus, Add	*334.00*	
		For 1600A Tin Plated Copper Bus, Add	*402.00*	
		For 2000A Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600A Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0710	EA	25"-35" Wide Basic Section (No Vertical Wireway)	3,723.97	1,129.99
		For 20" Cabinet Depth, Add	*108.00*	
		For 800A Tin Plated Copper Bus, Add	*182.00*	
		For 1200A Tin Plated Copper Bus, Add	*334.00*	
		For 1600A Tin Plated Copper Bus, Add	*402.00*	
		For 2000A Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600A Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0711	EA	25" Wide Basic Section With 9" Wide Vertical Wireway	4,068.94	1,129.99
		For 20" Cabinet Depth, Add	*108.00*	
		For 800A Tin Plated Copper Bus, Add	*182.00*	
		For 1200A Tin Plated Copper Bus, Add	*334.00*	
		For 1600A Tin Plated Copper Bus, Add	*402.00*	
		For 2000A Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600A Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0712	EA	Corner Section	4,068.94	1,129.99
		For 20" Cabinet Depth, Add	*108.00*	
		For 800A Tin Plated Copper Bus, Add	*182.00*	
		For 1200A Tin Plated Copper Bus, Add	*334.00*	
		For 1600A Tin Plated Copper Bus, Add	*402.00*	
		For 2000A Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600A Tin Plated Copper Vertical, Add	*210.00*	

26 24 19 00-0713 Motor Control Center Starters With HMCP Circuit Breaker *(26 24 19 00-0484)*

Note: Includes door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.

26 24 19 00-0714 FVNR Starters With HMCP Circuit Breaker *(26 24 19 00-0713)*

26 24 19 00-0715	EA	Class 1, Type A, Size 1 FVNR Starters With HMCP Circuit Breaker	917.63	158.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.22*	
26 24 19 00-0716	EA	Class 1, Type A, Size 2 FVNR Starters With HMCP Circuit Breaker	1,021.15	176.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.61*	
26 24 19 00-0717	EA	Class 1, Type A, Size 3 FVNR Starters With HMCP Circuit Breaker	1,745.56	236.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*141.98*	
26 24 19 00-0718	EA	Class 1, Type A, Size 4 FVNR Starters With HMCP Circuit Breaker	2,520.58	311.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*187.20*	
26 24 19 00-0719	EA	Class 1, Type A, Size 5 FVNR Starters With HMCP Circuit Breaker	5,629.86	389.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.95*	
26 24 19 00-0720	EA	Class 1, Type A, Size 6 FVNR Starters With HMCP Circuit Breaker	12,978.80	389.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.95*	
26 24 19 00-0721	EA	Class 1, Type B, Size 1 FVNR Starters With HMCP Circuit Breaker	918.15	137.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.36*	
26 24 19 00-0722	EA	Class 1, Type B, Size 2 FVNR Starters With HMCP Circuit Breaker	1,035.43	154.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.75*	
26 24 19 00-0723	EA	Class 1, Type B, Size 3 FVNR Starters With HMCP Circuit Breaker	1,773.53	211.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0724	EA	Class 1, Type B, Size 4 FVNR Starters With HMCP Circuit Breaker	2,512.75	286.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*171.67*	
26 24 19 00-0725	EA	Class 1, Type B, Size 5 FVNR Starters With HMCP Circuit Breaker	5,632.73	369.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*221.63*	
26 24 19 00-0726	EA	Class 1, Type B, Size 6 FVNR Starters With HMCP Circuit Breaker	13,060.75	369.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*221.63*	

26 24 19 00-0727 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker *(26 24 19 00-0713)*

26 24 19 00-0728	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	1,449.61	198.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.14*	
26 24 19 00-0729	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	1,769.80	219.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.84*	
26 24 19 00-0730	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,892.49	295.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.17*	
26 24 19 00-0731	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	4,933.49	390.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*234.22*	
26 24 19 00-0732	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	8,831.30	488.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*293.05*	
26 24 19 00-0733	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	1,461.37	171.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*102.89*	
26 24 19 00-0734	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	1,796.16	193.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.01*	
26 24 19 00-0735	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,931.53	264.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.55*	
26 24 19 00-0736	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	4,934.38	357.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*214.70*	
26 24 19 00-0737	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	8,844.67	462.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*277.28*	

26 24 19 00-0738 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker *(26 24 19 00-0713)*

26 24 19 00-0739	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	1,581.50	198.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.14*	
26 24 19 00-0740	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,227.89	219.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.84*	
26 24 19 00-0741	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	4,161.27	295.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.17*	
26 24 19 00-0742	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	5,662.40	390.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*234.22*	
26 24 19 00-0743	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	11,244.88	488.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*293.05*	
26 24 19 00-0744	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	1,593.26	171.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*102.89*	
26 24 19 00-0745	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,254.26	193.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.01*	
26 24 19 00-0746	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	4,200.30	264.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.55*	
26 24 19 00-0747	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	5,663.28	357.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*214.70*	
26 24 19 00-0748	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	11,258.25	462.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*277.28*	

26 24 19 00-0749 Motor Control Center Starters With Fusible Disconnect *(26 24 19 00-0484)*

Note: Includes fuses, door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure.
Line voltages of 208 V, 240 V, 480 V, and 600 V.

26 24 19 00-0750 FVNR Starters With Fusible Disconnect *(26 24 19 00-0749)*

26 24 19 00-0751	EA	Class 1, Type A, Size 1 FVNR Starters With Fusible Disconnect	749.99	154.75
26 24 19 00-0752	EA	Class 1, Type A, Size 2 FVNR Starters With Fusible Disconnect	980.73	210.31
26 24 19 00-0753	EA	Class 1, Type A, Size 3 FVNR Starters With Fusible Disconnect	1,607.68	274.05
26 24 19 00-0754	EA	Class 1, Type A, Size 4 FVNR Starters With Fusible Disconnect	2,683.48	386.01
26 24 19 00-0755	EA	Class 1, Type A, Size 5 FVNR Starters With Fusible Disconnect	5,289.00	490.71
26 24 19 00-0756	EA	Class 1, Type A, Size 6 FVNR Starters With Fusible Disconnect	13,135.55	490.71
26 24 19 00-0757	EA	Class 1, Type B, Size 1 FVNR Starters With Fusible Disconnect	757.75	137.19
26 24 19 00-0758	EA	Class 1, Type B, Size 2 FVNR Starters With Fusible Disconnect	994.05	188.38
26 24 19 00-0759	EA	Class 1, Type B, Size 3 FVNR Starters With Fusible Disconnect	1,643.83	252.61
26 24 19 00-0760	EA	Class 1, Type B, Size 4 FVNR Starters With Fusible Disconnect	2,686.37	365.48
26 24 19 00-0761	EA	Class 1, Type B, Size 5 FVNR Starters With Fusible Disconnect	5,279.91	464.24
26 24 19 00-0762	EA	Class 1, Type B, Size 6 FVNR Starters With Fusible Disconnect	13,205.59	464.24

26 24 19 00-0763 Two Speed 2-Winding (TS2W) With Fusible Disconnect *(26 24 19 00-0749)*

26 24 19 00-0764	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	1,265.81	193.75
26 24 19 00-0765	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	1,761.15	262.92
26 24 19 00-0766	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,703.55	342.39
26 24 19 00-0767	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	5,582.92	483.87
26 24 19 00-0768	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	9,003.66	566.23
26 24 19 00-0769	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	1,286.69	171.49
26 24 19 00-0770	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	1,785.08	235.30
26 24 19 00-0771	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,752.15	316.09
26 24 19 00-0772	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	5,593.20	456.01
26 24 19 00-0773	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	9,005.05	534.00

26 24 19 00-0774 Two Speed 1-Winding (TS1W) With Fusible Disconnect *(26 24 19 00-0749)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0775	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	1,464.53	193.75
26 24 19 00-0776	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,226.29	262.92
26 24 19 00-0777	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	3,985.51	342.39
26 24 19 00-0778	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	5,850.22	483.87
26 24 19 00-0779	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	10,926.60	566.23
26 24 19 00-0780	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	1,485.99	171.49
26 24 19 00-0781	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,250.21	235.30
26 24 19 00-0782	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	4,034.12	316.09
26 24 19 00-0783	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	5,860.49	456.01
26 24 19 00-0784	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	10,928.00	534.00

26 24 19 00-0785 Tin Plated Copper Bus Bar And Ground Bus Bar Splice Kit *(26 24 19 00-0484)*

Note: Per section. Labor is included in basic distribution section.

26 24 19 00-0786	EA	600 A Horizontal Tin Plated Copper Bus Kit	154.29	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 24 19 00-0787	EA	800 A Horizontal Tin Plated Copper Bus Kit	188.29	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 24 19 00-0788	EA	1200 A Horizontal Tin Plated Copper Bus Kit	226.42	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.43*	
26 24 19 00-0789	EA	1600 A Horizontal Tin Plated Copper Bus Kit	293.25	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.43*	
26 24 19 00-0790	EA	2000 A Horizontal Tin Plated Copper Bus Kit	489.63	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.67*	
26 24 19 00-0791	EA	1/4" x 2" Horizontal Tin Plated Copper Ground Bus Kit	89.20	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	

26 24 19 00-0792 Disconnect Switch For Motor Control Centers *(26 24 19 00-0484)*

26 24 19 00-0793 3 Pole Circuit Breaker Disconnect For Motor Control Center *(26 24 19 00-0792)*

Note: Includes door, unit support pan, inverse time (Thermal Magnetic) circuit breaker, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).

26 24 19 00-0794	EA	150 A Rating, 15-100 A Trip Range, 3 Pole Circuit Breaker Disconnect	653.86	119.14
26 24 19 00-0795	EA	150 A Rating, 125-150 A Trip Range, 3 Pole Circuit Breaker Disconnect	1,140.20	131.92
26 24 19 00-0796	EA	225 A Rating, 70-225 A Trip Range, 3 Pole Circuit Breaker Disconnect	1,391.91	177.67
26 24 19 00-0797	EA	400 A Rating, 125-400 A Trip Range, 3 Pole Circuit Breaker Disconnect	2,306.39	234.15
26 24 19 00-0798	EA	600 A Rating, 300-600 A Trip Range, 3 Pole Circuit Breaker Disconnect	3,978.86	292.68
26 24 19 00-0799	EA	800 A Rating, 400-800 A Trip Range, 3 Pole Circuit Breaker Disconnect	4,536.71	292.68
26 24 19 00-0800	EA	1200 A Rating, 600-1200 A Trip Range, 3 Pole Circuit Breaker Disconnect	9,333.88	366.46

26 24 19 00-0801 Fusible Disconnect Switch For Motor Control Center *(26 24 19 00-0792)*

Note: Includes door, unit support pan, fuses and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).

26 24 19 00-0802	EA	30 A Switch Rating, Fusible Disconnect Switch With 30 A Fuse Clips	521.82	115.83
26 24 19 00-0803	EA	60 A Switch Rating, Fusible Disconnect Switch With 60 A Fuse Clips	623.52	157.89
26 24 19 00-0804	EA	100 A Switch Rating, Fusible Disconnect Switch With 100 A Fuse Clips	848.90	201.99
26 24 19 00-0805	EA	200 A Switch Rating, Fusible Disconnect Switch With 200 A Fuse Clips	1,548.63	289.38
26 24 19 00-0806	EA	400 A Switch Rating, Fusible Disconnect Switch With 400 A Fuse Clips	2,694.24	368.04
26 24 19 00-0807	EA	600 A Switch Rating, Fusible Disconnect Switch With 600 A Fuse Clips	6,000.27	368.04
26 24 19 00-0808	EA	800 A Switch Rating, Fusible Disconnect Switch With 800 A Fuse Clips	7,419.66	460.05
26 24 19 00-0809	EA	1200 A Switch Rating, Fusible Disconnect Switch With 1200 A Fuse Clips	10,880.45	460.05

26 24 19 00-0810 Control Circuit Transformer *(26 24 19 00-0484)*

26 24 19 00-0811	EA	Control Circuit Transformer, Size 1 Factory Installed	41.88	
26 24 19 00-0812	EA	Control Circuit Transformer, Size 2 Factory Installed	41.88	
26 24 19 00-0813	EA	Control Circuit Transformer, Size 3 Factory Installed	80.66	
26 24 19 00-0814	EA	Control Circuit Transformer, Size 4 Factory Installed	80.66	
26 24 19 00-0815	EA	Control Circuit Transformer, Size 5 Factory Installed	112.05	
26 24 19 00-0816	EA	Control Circuit Fuse And Holder Small Dim, Dual Element Time Delay	35.00	9.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	

26 24 19 00-0817 Cover Mounted Control Devices *(26 24 19 00-0484)*

26 24 19 00-0818	EA	Control Device, 2 Unit Push Button Station Cover Mounted	76.23	16.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.31*	
26 24 19 00-0819	EA	Control Device, 2-3 Unit Selector Switch Cover Mounted	86.37	16.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.88*	
26 24 19 00-0820	EA	Control Device, Pilot Light Cover Mounted	70.71	16.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.72*	
26 24 19 00-0821	EA	Control Device, Hand-Off-Auto Switch Cover Mounted With Pilot Light	199.49	56.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.79*	
26 24 19 00-0822	EA	Auxiliary Contact Add Per Starter	223.00	21.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.82*	

26 24 19 00-0823 Extra Interlocks *(26 24 19 00-0484)*

Note: Per contact.

26 24 19 00-0824	EA	Extra Interlocks, Class I, Type A Per Contact	50.25	10.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.72*	
26 24 19 00-0825	EA	Extra Interlocks, Class I, Type B Per Contact	67.75	10.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.72*	
26 24 19 00-0826	EA	Extra Interlocks, Class I, Type C Per Contact	73.99	10.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0827	EA	Extra Interlocks, Class II, Type B Per Contact	66.20	10.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.15*	
26 24 19 00-0828	EA	Extra Interlocks, Class II, Type C Per Contact	68.99	10.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.89*	

26 24 19 00-0829 Special Cabinet Provisions *(26 24 19 00-0484)*

26 24 19 00-0830	EA	Provisions For Bus Duct Entrance Special Cabinet Provisions	524.27	

26 24 19 00-0831 Nameplate Requirements *(26 24 19 00-0484)*

26 24 19 00-0832	EA	Special Cabinet Nameplate Requirements	18.61	

26 24 19 00-0833 Auxiliary Relays *(26 24 19 00-0484)*

26 24 19 00-0834	EA	Industrial Control Relay, 10 Amp Class A600 With 2 Contacts	110.23	20.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.39*	
26 24 19 00-0835	EA	Timing Relay, Solid State, DPDT 0.1-10 Sec Variable, Off-Delay	104.63	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.39*	
26 24 19 00-0836	EA	General Purpose Control Relay 240 VAC, 10 A, With Base	62.83	18.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.39*	

26 24 19 00-0837 Motor Control Center Accessories *(26 24 19 00-0484)*

26 24 19 00-0838 Lighting Transformer With Circuit Breaker *(26 24 19 00-0837)*

Note: For 240 V, 480 V, or 600 V primary. Includes door, unit support pan, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure for MCC only.

26 24 19 00-0839	EA	1 Phase, 5 KVA, 120/240 V Secondary Lighting Transformer With Circuit Breaker	3,138.22	265.21
26 24 19 00-0840	EA	1 Phase, 7.5 KVA, 120/240 V Secondary Lighting Transformer With Circuit Breaker	3,262.83	275.82
26 24 19 00-0841	EA	1 Phase, 10 KVA, 120/240 V Secondary Lighting Transformer With Circuit Breaker	3,568.10	297.03
26 24 19 00-0842	EA	1 Phase, 15 KVA, 120/240 V Secondary Lighting Transformer With Circuit Breaker	4,463.99	318.25
26 24 19 00-0843	EA	1 Phase, 25 KVA, 120/240 V Secondary Lighting Transformer With Circuit Breaker	5,967.76	339.47
26 24 19 00-0844	EA	1 Phase, 37.5 KVA, 120/240 V Secondary Lighting Transformer With Circuit Breaker	7,317.21	381.90
26 24 19 00-0845	EA	1 Phase, 50 KVA, 120/240 V Secondary Lighting Transformer With Circuit Breaker	9,584.39	424.34
26 24 19 00-0846	EA	3 Phase, 10 KVA, 120/208 V Secondary Lighting Transformer With Circuit Breaker	5,637.83	350.08
26 24 19 00-0847	EA	3 Phase, 15 KVA, 120/208 V Secondary Lighting Transformer With Circuit Breaker	6,125.82	381.90
26 24 19 00-0848	EA	3 Phase, 25 KVA, 120/208 V Secondary Lighting Transformer With Circuit Breaker	7,001.38	424.34
26 24 19 00-0849	EA	3 Phase, 30 KVA, 120/208 V Secondary Lighting Transformer With Circuit Breaker	7,434.17	466.77
26 24 19 00-0850	EA	3 Phase, 37.5 KVA, 120/208 V Secondary Lighting Transformer With Circuit Breaker	8,948.42	509.21
26 24 19 00-0851	EA	3 Phase, 45 KVA, 120/208 V Secondary Lighting Transformer With Circuit Breaker	9,243.33	551.64

26 24 19 00-0852 Bolt-On Lighting Panel *(26 24 19 00-0837)*

Note: Includes door, T-handle, unit support pan, neutral bar (10 KA IC RMS), and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. For MCC only.

26 24 19 00-0853	EA	18 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 V	1,426.83	429.05
26 24 19 00-0854	EA	30 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 V	2,249.73	746.79
26 24 19 00-0855	EA	42 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 V	2,995.54	1,010.36
26 24 19 00-0856	EA	18 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 V	1,497.18	464.24
26 24 19 00-0857	EA	30 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 V	2,217.95	730.87
26 24 19 00-0858	EA	42 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 V	3,121.83	1,073.52
26 24 19 00-0859	EA	18 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 V	2,335.21	497.64
26 24 19 00-0860	EA	30 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 V	3,153.18	798.90
26 24 19 00-0861	EA	42 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 V	3,964.17	1,073.52
26 24 19 00-0862	EA	18 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 V	2,413.49	536.72
26 24 19 00-0863	EA	30 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 V	3,153.18	798.90
26 24 19 00-0864	EA	42 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 V	4,033.43	1,108.14

26 24 19 00-0865 Factory Installed Bolt-On Branch Circuit Breaker *(26 24 19 00-0837)*

Note: For MCC lighting panel only.

26 24 19 00-0866	EA	15 A / 1 Pole - 30 A / 1 Pole Bolt-On Branch Circuit Breaker	16.67	
26 24 19 00-0867	EA	15 A / 1 Pole - 30 A / 1 Pole (GFI) Bolt-On Branch Circuit Breaker	161.57	
26 24 19 00-0868	EA	15 A / 2 Pole - 50 A / 2 Pole Bolt-On Branch Circuit Breaker	32.58	
26 24 19 00-0869	EA	60 A / 2 Pole - 100 A / 2 Pole Bolt-On Branch Circuit Breaker	75.01	
26 24 19 00-0870	EA	15 A / 3 Pole - 50 A / 3 Pole Bolt-On Branch Circuit Breaker	87.89	
26 24 19 00-0871	EA	60 A / 3 Pole - 100 A / 3 Pole Bolt-On Branch Circuit Breaker	133.35	

26 24 19 00-0872 Blank Unit Door (BUD) *(26 24 19 00-0837)*

Note: With NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Factory installed.

26 24 19 00-0873	EA	6" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	43.09	
26 24 19 00-0874	EA	12" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	51.70	
26 24 19 00-0875	EA	18" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	77.55	
26 24 19 00-0876	EA	24" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	103.41	
26 24 19 00-0877	EA	30" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	155.11	
26 24 19 00-0878	EA	48" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	180.96	
26 24 19 00-0879	EA	72" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	206.81	

26 25 Enclosed Bus Assemblies *(26 20)*

26 25 00 00-0001 Bus Ducts *(26 25)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 00 00-0002		Plug-In Bus Duct *(26 25 00 00-0001)* Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.		
26 25 00 00-0003		600 Volt, 3-Phase, 3-Wire, Copper Conductors *(26 25 00 00-0002)*		
26 25 00 00-0004	LF	225 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	150.10	24.74
26 25 00 00-0005	LF	400 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	207.25	24.74
26 25 00 00-0006	LF	600 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	260.43	32.97
26 25 00 00-0007	LF	800 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	352.96	32.97
26 25 00 00-0008	LF	1000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	372.77	41.22
26 25 00 00-0009	LF	1350 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	511.30	41.22
26 25 00 00-0010	LF	1600 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	594.39	43.29
26 25 00 00-0011	LF	2000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	717.69	44.52
26 25 00 00-0012	LF	2500 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	879.88	47.00
26 25 00 00-0013	LF	3000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	1,016.39	54.82
26 25 00 00-0014	LF	4000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	1,173.51	59.77
26 25 00 00-0015		277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors *(26 25 00 00-0002)*		
26 25 00 00-0016	LF	225 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors	233.02	24.74
26 25 00 00-0017	LF	400 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors	331.26	24.74
26 25 00 00-0018	LF	600 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors	374.52	32.97
26 25 00 00-0019	LF	800 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors	472.58	32.97
26 25 00 00-0020	LF	1000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors	573.50	41.22
26 25 00 00-0021	LF	1350 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors	736.78	41.22
26 25 00 00-0022	LF	1600 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors	948.06	42.71
26 25 00 00-0023	LF	2000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors	1,136.78	44.52
26 25 00 00-0024	LF	2500 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors	1,403.79	46.58
26 25 00 00-0025	LF	3000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors	1,620.90	54.82
26 25 00 00-0026	LF	4000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors	1,876.15	59.77
26 25 00 00-0027		Cable Tap Boxes *(26 25 00 00-0002)*		
26 25 00 00-0028		600 Volt, 3-Phase, 3-Wire, Copper Conductors *(26 25 00 00-0027)*		
26 25 00 00-0029	EA	225 Amp Cable Tap Box, 600 V, 3 Phase, 3 Wire	1,165.31	115.42
26 25 00 00-0030	EA	400 Amp Cable Tap Box, 600 V, 3 Phase, 3 Wire	1,216.17	115.42
26 25 00 00-0031	EA	600 Amp Cable Tap Box, 600 V, 3 Phase, 3 Wire	1,322.07	156.64
26 25 00 00-0032	EA	800 Amp Cable Tap Box, 600 V, 3 Phase, 3 Wire	1,415.02	156.64
26 25 00 00-0033	EA	1000 Amp Cable Tap Box, 600 V, 3 Phase, 3 Wire	1,523.42	206.11
26 25 00 00-0034	EA	1350 Amp Cable Tap Box, 600 V, 3 Phase, 3 Wire	1,671.25	206.11
26 25 00 00-0035		277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors *(26 25 00 00-0027)*		
26 25 00 00-0036	EA	225 Amp Cable Tap Box 277/480 V, 3 Phase, 4 Wire	1,216.17	226.72
26 25 00 00-0037	EA	400 Amp Cable Tap Box 277/480 V, 3 Phase, 4 Wire	1,331.53	226.72
26 25 00 00-0038	EA	600 Amp Cable Tap Box 277/480 V, 3 Phase, 4 Wire	1,433.10	309.17
26 25 00 00-0039	EA	800 Amp Cable Tap Box 277/480 V, 3 Phase, 4 Wire	1,612.04	309.17
26 25 00 00-0040	EA	1000 Amp Cable Tap Box 277/480 V, 3 Phase, 4 Wire	1,706.05	412.23
26 25 00 00-0041	EA	1350 Amp Cable Tap Box 277/480 V, 3 Phase, 4 Wire	1,936.99	412.23
26 25 00 00-0042		Bus Duct Plug-In Circuit Breaker *(26 25 00 00-0002)*		
26 25 00 00-0043		240 Volt, 3-Phase *(26 25 00 00-0042)*		
26 25 00 00-0044	EA	60 Amp Bus Duct Circuit Breaker 240 V, 3 Phase Plug-in Circuit Breaker	543.22	82.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.10*	
26 25 00 00-0045	EA	100 Amp Bus Duct Circuit Breaker 240 V, 3 Phase Plug-in Circuit Breaker	1,044.69	82.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.90*	
26 25 00 00-0046		600 Volt, 3-Phase *(26 25 00 00-0042)*		
26 25 00 00-0047	EA	60 Amp Bus Duct Circuit Breaker 600 V, 3 Phase Plug-in Circuit Breaker	1,002.04	82.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.10*	
26 25 00 00-0048	EA	100 Amp Bus Duct Circuit Breaker 600 V, 3 Phase Plug-in Circuit Breaker	1,297.29	82.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.90*	
26 25 00 00-0049		120/208 Volt, 3-Phase, 4-Wire *(26 25 00 00-0042)*		
26 25 00 00-0050	EA	60 Amp Bus Duct Circuit Breaker 120/208 V, 3 Phase, 4 Wire Plug-in Circuit Breaker	625.09	98.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.53*	
26 25 00 00-0051	EA	100 Amp Bus Duct Circuit Breaker 120/208 V, 3 Phase, 4 Wire Plug-in Circuit Breaker	749.98	98.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.41*	
26 25 00 00-0052		277/480 Volt, 3-Phase, 4-Wire *(26 25 00 00-0042)*		
26 25 00 00-0053	EA	60 Amp Bus Duct Circuit Breaker 277/480 V, 3 Phase, 4 Wire Plug-in Circuit Breaker	707.04	98.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.53*	
26 25 00 00-0054	EA	100 Amp Bus Duct Circuit Breaker 277/480 V, 3 Phase, 4 Wire Plug-in Circuit Breaker	1,070.91	98.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.41*	
26 25 00 00-0055	EA	225 Amp Bus Duct Circuit Breaker 277/480 V, 3 Phase, 4 Wire Plug-in Circuit Breaker	1,625.77	342.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.28*	
26 25 00 00-0056	EA	400 Amp Bus Duct Circuit Breaker 277/480 V, 3 Phase, 4 Wire Plug-in Circuit Breaker	3,844.24	342.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*322.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 00 00-0057	EA	600 Amp Bus Duct Circuit Breaker 277/480 V, 3 Phase, 4 Wire Plug-in Circuit Breaker	4,394.86	989.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*448.07*	
26 25 00 00-0058	EA	800 Amp Bus Duct Circuit Breaker 277/480 V, 3 Phase, 4 Wire Plug-in Circuit Breaker	5,761.36	989.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*792.74*	

26 25 00 00-0059 Bus Duct Plug-In Fusible Switch *(26 25 00 00-0002)*

26 25 00 00-0060 240 Volt, 3-Pole, 3-Fuse *(26 25 00 00-0059)*

26 25 00 00-0061	EA	30 Amp Bus Duct Fusible Switch 240 V, 3 Phase Plug-in Fusible Switch, 3 Fuses	542.10	82.45
26 25 00 00-0062	EA	60 Amp Bus Duct Fusible Switch 240 V, 3 Phase Plug-in Fusible Switch, 3 Fuses	600.36	82.45
26 25 00 00-0063	EA	100 Amp Bus Duct Fusible Switch 240 V, 3 Phase Plug-in Fusible Switch, 3 Fuses	822.54	98.93
26 25 00 00-0064	EA	200 Amp Bus Duct Fusible Switch 240 V, 3 Phase Plug-in Fusible Switch, 3 Fuses	1,393.96	197.87
26 25 00 00-0065	EA	400 Amp Bus Duct Fusible Switch 240 V, 3 Phase Plug-in Fusible Switch, 3 Fuses	3,477.72	445.20
26 25 00 00-0066	EA	600 Amp Bus Duct Fusible Switch 240 V, 3 Phase Plug-in Fusible Switch, 3 Fuses	5,279.78	774.98

26 25 00 00-0067 600 Volt, 3-Pole, 3-Fuse *(26 25 00 00-0059)*

26 25 00 00-0068	EA	30 Amp Bus Duct Fusible Switch 600 V, 3 Phase Plug-in Fusible Switch, 3 Fuses	557.44	90.69
26 25 00 00-0069	EA	60 Amp Bus Duct Fusible Switch 600 V, 3 Phase Plug-in Fusible Switch, 3 Fuses	614.52	90.69
26 25 00 00-0070	EA	100 Amp Bus Duct Fusible Switch 600 V, 3 Phase Plug-in Fusible Switch, 3 Fuses	824.55	90.69
26 25 00 00-0071	EA	200 Amp Bus Duct Fusible Switch 600 V, 3 Phase Plug-in Fusible Switch, 3 Fuses	1,419.89	189.63
26 25 00 00-0072	EA	400 Amp Bus Duct Fusible Switch 600 V, 3 Phase Plug-in Fusible Switch, 3 Fuses	3,455.70	428.71
26 25 00 00-0073	EA	600 Amp Bus Duct Fusible Switch 600 V, 3 Phase Plug-in Fusible Switch, 3 Fuses	5,435.92	824.45
26 25 00 00-0074	EA	800 Amp Bus Duct Fusible Switch 600 V, 3 Phase Plug-in Fusible Switch, 3 Fuses	8,745.37	1,071.78

26 25 00 00-0075 120/208 Volt, 4-pole, 3 Fuse *(26 25 00 00-0059)*

26 25 00 00-0076	EA	30 Amp Bus Duct Fusible Switch 120/208 V, 4 Phase Plug-in Fusible Switch, 3 Fuses	625.29	107.18
26 25 00 00-0077	EA	60 Amp Bus Duct Fusible Switch 120/208 V, 4 Phase Plug-in Fusible Switch, 3 Fuses	678.64	107.18
26 25 00 00-0078	EA	100 Amp Bus Duct Fusible Switch 120/208 V, 4 Phase Plug-in Fusible Switch, 3 Fuses	916.69	107.18
26 25 00 00-0079	EA	200 Amp Bus Duct Fusible Switch 120/208 V, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,551.88	222.60
26 25 00 00-0080	EA	400 Amp Bus Duct Fusible Switch 120/208 V, 4 Phase Plug-in Fusible Switch, 3 Fuses	3,830.73	494.67
26 25 00 00-0081	EA	600 Amp Bus Duct Fusible Switch 120/208 V, 4 Phase Plug-in Fusible Switch, 3 Fuses	5,593.76	758.50

26 25 00 00-0082 277/480 Volt, 4-pole, 3-fuse *(26 25 00 00-0059)*

26 25 00 00-0083	EA	30 Amp Bus Duct Fusible Switch 277/480 V, 4 Phase Plug-in Fusible Switch, 3 Fuses	644.14	107.18
26 25 00 00-0084	EA	60 Amp Bus Duct Fusible Switch 277/480 V, 4 Phase Plug-in Fusible Switch, 3 Fuses	697.49	90.93
26 25 00 00-0085	EA	100 Amp Bus Duct Fusible Switch 277/480 V, 4 Phase Plug-in Fusible Switch, 3 Fuses	973.52	123.67
26 25 00 00-0086	EA	200 Amp Bus Duct Fusible Switch 277/480 V, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,613.11	222.60
26 25 00 00-0087	EA	400 Amp Bus Duct Fusible Switch 277/480 V, 4 Phase Plug-in Fusible Switch, 3 Fuses	3,830.73	494.67
26 25 00 00-0088	EA	600 Amp Bus Duct Fusible Switch 277/480 V, 4 Phase Plug-in Fusible Switch, 3 Fuses	5,593.76	758.50
26 25 00 00-0089	EA	800 Amp Bus Duct Fusible Switch 277/480 V, 4 Phase Plug-in Fusible Switch, 3 Fuses	8,727.70	1,005.83

26 25 00 00-0090 Feeder Bus Duct *(26 25 00 00-0001)*

Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.

26 25 00 00-0091 600 Volt, 3 Phase, 3 Wire, Ventilated Low Impedance *(26 25 00 00-0090)*

Note: Copper conductors.

26 25 00 00-0092	LF	800 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors, With Supports	414.37	34.63
26 25 00 00-0093	LF	1000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors, With Supports	421.33	34.63
26 25 00 00-0094	LF	1350 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors, With Supports	547.08	34.63
26 25 00 00-0095	LF	1600 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors, With Supports	654.32	34.63
26 25 00 00-0096	LF	2000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors, With Supports	797.94	34.63
26 25 00 00-0097	LF	3000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors, With Supports	1,089.88	82.45
26 25 00 00-0098	LF	4000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors, With Supports	1,500.92	82.45
26 25 00 00-0099	LF	5000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors, With Supports	1,775.97	82.45
26 25 00 00-0100	LF	6000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors, With Supports	2,183.43	82.45

26 25 00 00-0101 277/480 Volt, 3 Phase, 4 Wire, Half Neutral, Ventilated *(26 25 00 00-0090)*

Note: Low impedance, copper conductors.

26 25 00 00-0102	LF	800 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors, With Supports	472.45	37.10
26 25 00 00-0103	LF	1000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors, With Supports	481.92	37.10
26 25 00 00-0104	LF	1350 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors, With Supports	616.33	37.10
26 25 00 00-0105	LF	1600 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors, With Supports	730.35	37.10
26 25 00 00-0106	LF	2000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors, With Supports	880.88	37.10
26 25 00 00-0107	LF	3000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors, With Supports	1,348.84	63.48
26 25 00 00-0108	LF	4000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors, With Supports	1,690.98	63.48
26 25 00 00-0109	LF	5000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors, With Supports	2,001.68	117.90
26 25 00 00-0110	LF	6000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors, With Supports	2,463.10	117.90

26 26 Power Distribution Units *(26 20)*

Note: Includes wiring connections and testing.

26 26 00 00-0001 Liebert PPC *(26 26)*

Note: With K20 Trans Spike Suppression Modules Lighting/Surge Arrestors. Includes start-up.

26 26 00 00-0002	EA	PDU 15 KVA 480-208/120 Model PPA01C	9,958.60	329.78
26 26 00 00-0003	EA	PDU 15 KVA 208-208/120 Model PPC015C	9,632.19	329.78
26 26 00 00-0004	EA	PDU 30 KVA 480-208/120 Model PPA030C	11,155.44	329.78
26 26 00 00-0005	EA	PDU 30 KVA 208-208/120 Model PPC030C	11,536.25	329.78
26 26 00 00-0006	EA	PDU 50 KVA 480-208/120 Model PPA050C	12,533.61	329.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 26 00 00-0007	EA	PDU 50 KVA 208-208/120 Model PPC050C	13,066.38	329.78
26 26 00 00-0008	EA	PDU 75 KVA 480-208/120 Model PPA075C	13,766.71	329.78
26 26 00 00-0009	EA	PDU 75 KVA 208-208/120 Model PPC075C	14,963.55	329.78
26 26 00 00-0010	EA	PDU 100 KVA 480-208/120 Model PPA100C	14,836.61	329.78
26 26 00 00-0011	EA	PDU 100 KVA 208-208/120 Model PPC100C	16,196.65	329.78
26 26 00 00-0012	EA	PDU 125 KVA 480-208/120 Model PPA125C	16,523.06	329.78
26 26 00 00-0013	EA	PDU 125 KVA 208-208/120 Model PPC125C	18,046.30	329.78
26 26 00 00-0014	EA	PDU 150 KVA 480-208/120 Model PPA150C	19,895.96	329.78
26 26 00 00-0015	EA	PDU 150 KVA 208-208/120 Model PPC150C	20,711.98	329.78
26 26 00 00-0016	EA	PDU 200 KVA 480-208/120 Model PPA200C	21,673.08	329.78
26 26 00 00-0017	EA	PDU 225 KVA 480-208/120 Model PPA225C	22,797.38	329.78
26 26 00 00-0018	EA	Ex Panelboard 10-30 KVA	879.36	82.45
26 26 00 00-0019	EA	Ex Panelboard 50-125 KVA	1,260.18	82.45
26 26 00 00-0020	EA	Ex Panelboard 150-220 KVA	2,783.42	82.45
26 26 00 00-0021	EA	Remove And Reinstall, Power Distribution Unit Note: Includes disconnection / reconnection of branch circuits, storage and cleaning.	1,318.70	
26 26 00 00-0022	EA	Start-Up Liebert Power Distribution Unit Line Item Applies To A Relocation Only	958.22	

26 27 Low-Voltage Distribution Equipment *(26 20)*

26 27 13 Electricity Metering *(26 27)*

26 27 13 00-0001 Revenue Metering *(26 27 13)*

26 27 13 00-0002 Meter Socket Base *(26 27 13 00-0001)*

26 27 13 00-0003	EA	100 A, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	166.10	53.59
26 27 13 00-0004	EA	100 A, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	174.88	53.59
26 27 13 00-0005	EA	200 A, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	228.48	65.96
26 27 13 00-0006	EA	200 A, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	230.98	65.96
26 27 13 00-0007	EA	200 A, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	422.55	74.20
26 27 13 00-0008	EA	320 A, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass, And Jaw Release	554.62	82.45
26 27 13 00-0009	EA	400 A, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass, And Jaw Release	1,319.57	90.69
26 27 13 00-0010	EA	Combination Motor And Current Transformer Cabinet, 15-30 A, 13 Terminal, Underground, With Test Switch And Transformer - Socket Base	1,653.77	412.23

26 27 13 00-0011 Meter Device *(26 27 13 00-0001)*

Note: Direct read, with 15 minute demand.

26 27 13 00-0012	EA	100 A To 200A, 120 V Or 240 V, 1 Phase, KWH Meter	151.98	16.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.14*	
26 27 13 00-0013	EA	200 A, 120 V Or 240 V, 3 Phase, KWH Meter	414.40	16.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	

26 27 13 00-0014 Current Transformer Enclosure *(26 27 13 00-0001)*

26 27 13 00-0015	EA	Current Transformer Cover, Screwed, 18" x 24" x 9", NEMA 3R	350.18	107.18

26 27 13 00-0016 120/240 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)*

26 27 13 00-0017 800A Bus, 4 Jaw Sockets, 125A Max., 2 Pole *(26 27 13 00-0016)*

26 27 13 00-0018	EA	3 Meters And Main, 120/240 V, 800 A Bus, 4 Jaw Sockets, 125A Max	585.94	51.53
26 27 13 00-0019	EA	4 Meters And Main, 120/240 V, 800 A Bus, 4 Jaw Sockets, 125A Max	768.47	61.83
26 27 13 00-0020	EA	5 Meters And Main, 120/240 V, 800 A Bus, 4 Jaw Sockets, 125A Max	950.03	72.14
26 27 13 00-0021	EA	6 Meters And Main, 120/240 V, 800 A Bus, 4 Jaw Sockets, 125A Max	1,100.37	82.45
26 27 13 00-0022	EA	7 Meters And Main, 120/240 V, 800 A Bus, 4 Jaw Sockets, 125A Max	1,425.87	92.75
26 27 13 00-0023	EA	8 Meters And Main, 120/240 V, 800 A Bus, 4 Jaw Sockets, 125A Max	1,541.15	103.05
26 27 13 00-0024	EA	10 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 125A Max	1,800.16	123.67

26 27 13 00-0025 1200A Bus, 4 Jaw Sockets, 200A Max., 2 Pole *(26 27 13 00-0016)*

26 27 13 00-0026	EA	3 Meters And Main, 120/240 V, 1200A Bus, 4 Jaw Sockets, 200A Max	1,059.37	51.53
26 27 13 00-0027	EA	4 Meters And Main, 120/240 V, 1200A Bus, 4 Jaw Sockets, 200A Max	1,392.43	61.83
26 27 13 00-0028	EA	6 Meters And Main, 120/240 V, 1200A Bus, 4 Jaw Sockets, 200A Max	1,916.55	82.45
26 27 13 00-0029	EA	7 Meters And Main, 120/240 V, 1200A Bus, 4 Jaw Sockets, 200A Max	2,126.53	92.75
26 27 13 00-0030	EA	8 Meters And Main, 120/240 V, 1200A Bus, 4 Jaw Sockets, 200A Max	2,667.89	103.05

26 27 13 00-0031 800A Bus, 4 Jaw Sockets, 42000 AIC, 2 Pole *(26 27 13 00-0016)*

26 27 13 00-0032	EA	3 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC	894.17	72.14
26 27 13 00-0033	EA	4 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC	1,168.54	82.45
26 27 13 00-0034	EA	5 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC	1,425.87	92.75
26 27 13 00-0035	EA	6 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC	1,673.71	103.05
26 27 13 00-0036	EA	7 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC	2,101.46	113.37
26 27 13 00-0037	EA	8 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC	2,207.30	123.67
26 27 13 00-0038	EA	10 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AI	2,731.39	144.27

26 27 13 00-0039 1200A Bus, 4 Jaw Sockets, 42000 AIC, 2 Pole *(26 27 13 00-0016)*

26 27 13 00-0040	EA	3 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	1,365.69	72.14
26 27 13 00-0041	EA	4 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	1,783.98	82.45
26 27 13 00-0042	EA	6 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	2,506.93	103.05
26 27 13 00-0043	EA	7 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	2,688.50	113.37
26 27 13 00-0044	EA	8 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	3,428.69	123.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0045		120/208 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)*		
26 27 13 00-0046		800A Bus, 5 Jaw Sockets, 125A Max., 2 Pole *(26 27 13 00-0045)*		
26 27 13 00-0047	EA	3 Meters And Main, 120/208 V, 800 A Bus, 5 Jaw Sockets, 125A Max	640.64	61.83
26 27 13 00-0048	EA	4 Meters And Main, 120/208 V, 800 A Bus, 5 Jaw Sockets, 125A Max	833.57	72.14
26 27 13 00-0049	EA	5 Meters And Main, 120/208 V, 800 A Bus, 5 Jaw Sockets, 125A Max	1,025.57	82.45
26 27 13 00-0050	EA	6 Meters And Main, 120/208 V, 800 A Bus, 5 Jaw Sockets, 125A Max	1,189.16	92.75
26 27 13 00-0051	EA	7 Meters And Main, 120/208 V, 800 A Bus, 5 Jaw Sockets, 125A Max	1,455.94	103.05
26 27 13 00-0052	EA	8 Meters And Main, 120/208 V, 800 A Bus, 5 Jaw Sockets, 125A Max	1,571.23	113.37
26 27 13 00-0053	EA	10 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 125A Max	1,934.38	133.97
26 27 13 00-0054		1200A Bus, 5 Jaw Sockets, 10,000 AIC, 2 Pole *(26 27 13 00-0045)*		
26 27 13 00-0055	EA	3 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	1,117.85	61.83
26 27 13 00-0056	EA	4 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	1,469.85	72.14
26 27 13 00-0057	EA	6 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	2,117.06	92.75
26 27 13 00-0058	EA	7 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	2,327.03	103.05
26 27 13 00-0059	EA	8 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	2,811.62	113.37
26 27 13 00-0060		800A Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole *(26 27 13 00-0045)*		
26 27 13 00-0061	EA	3 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	948.88	82.45
26 27 13 00-0062	EA	4 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	1,227.04	92.75
26 27 13 00-0063	EA	5 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	1,512.77	103.05
26 27 13 00-0064	EA	6 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	1,760.63	113.37
26 27 13 00-0065	EA	7 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	2,207.33	123.67
26 27 13 00-0066	EA	8 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	2,313.12	133.97
26 27 13 00-0067	EA	10 Meters And Main, 120/208V, 800A Bus, 5 Jaw Sockets, 42000 AIC	2,875.13	154.59
26 27 13 00-0068		1200A Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole *(26 27 13 00-0045)*		
26 27 13 00-0069	EA	3 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	1,433.66	82.45
26 27 13 00-0070	EA	4 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	1,880.36	92.75
26 27 13 00-0071	EA	6 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	2,688.53	113.37
26 27 13 00-0072	EA	7 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	2,813.28	123.67
26 27 13 00-0073	EA	8 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	3,562.95	133.97
26 27 13 00-0074		120/240 Volt Meter Center And Main Breaker, NEMA 3R Housing *(26 27 13 00-0001)*		
26 27 13 00-0075		800A Bus, 4 Jaw Sockets, 10000 AIC, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0076	EA	3 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 10000 AIC	585.94	51.53
26 27 13 00-0077	EA	4 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 10000 AIC	768.47	61.83
26 27 13 00-0078	EA	6 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 10000 AIC	1,100.37	82.45
26 27 13 00-0079	EA	7 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 10000 AIC	1,425.87	92.75
26 27 13 00-0080	EA	8 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 10000 AIC	1,758.92	103.05
26 27 13 00-0081		1200A Bus, 4 Jaw Sockets, 10000 AIC, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0082	EA	3 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 10000 AIC	1,059.36	51.53
26 27 13 00-0083	EA	4 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 10000 AIC	1,392.43	61.83
26 27 13 00-0084	EA	6 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 10000 AIC	2,011.22	82.45
26 27 13 00-0085	EA	7 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 10000 AIC	2,221.21	92.75
26 27 13 00-0086	EA	8 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 10000 AIC	2,667.89	103.05
26 27 13 00-0087		800A Bus, 4 Jaw Sockets, 42000 AIC, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0088	EA	3 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC	894.17	72.14
26 27 13 00-0089	EA	4 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC	1,168.54	82.45
26 27 13 00-0090	EA	6 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC	1,673.71	103.05
26 27 13 00-0091	EA	7 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC	2,101.46	113.37
26 27 13 00-0092	EA	8 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC	2,207.30	123.67
26 27 13 00-0093		1200A Bus, 4 Jaw Sockets, 42000 AIC, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0094	EA	3 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	1,365.70	72.14
26 27 13 00-0095	EA	4 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	1,783.98	82.45
26 27 13 00-0096	EA	6 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	2,506.93	103.05
26 27 13 00-0097	EA	7 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	2,688.50	113.37
26 27 13 00-0098	EA	8 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	3,428.72	123.67
26 27 13 00-0099		120/208 Volt Meter Center And Main Breaker, NEMA 3R Housing *(26 27 13 00-0001)*		
26 27 13 00-0100		800A Bus, 5 Jaw Sockets, 10000 AIC, 2 Pole *(26 27 13 00-0099)*		
26 27 13 00-0101	EA	3 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 10000 AIC	640.64	61.83
26 27 13 00-0102	EA	4 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 10000 AIC	833.57	72.14
26 27 13 00-0103	EA	6 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 10000 AIC	1,189.16	92.75
26 27 13 00-0104	EA	7 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 10000 AIC	1,550.62	103.05
26 27 13 00-0105	EA	8 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 10000 AIC	1,760.60	113.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0106		**1200A Bus, 5 Jaw Sockets, 10000 AIC, 2 Pole** *(26 27 13 00-0099)*		
26 27 13 00-0107	EA	3 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	1,117.85	61.83
26 27 13 00-0108	EA	4 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	1,469.84	72.14
26 27 13 00-0109	EA	6 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	2,022.37	92.75
26 27 13 00-0110	EA	7 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	2,232.34	103.05
26 27 13 00-0111	EA	8 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	2,811.59	113.37
26 27 13 00-0112		**800A Bus, 5 Jaw Sockets, 42000 AIC, 2 Pole** *(26 27 13 00-0099)*		
26 27 13 00-0113	EA	3 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	948.87	82.45
26 27 13 00-0114	EA	4 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	1,227.03	92.75
26 27 13 00-0115	EA	6 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	1,760.60	113.37
26 27 13 00-0116	EA	7 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	2,207.30	123.67
26 27 13 00-0117	EA	8 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	2,313.12	133.97
26 27 13 00-0118		**1200A Bus, 5 Jaw Sockets, 42000 AIC, 2 Pole** *(26 27 13 00-0099)*		
26 27 13 00-0119	EA	3 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	1,433.65	82.45
26 27 13 00-0120	EA	4 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	1,880.35	92.75
26 27 13 00-0121	EA	6 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	2,688.50	113.37
26 27 13 00-0122	EA	7 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	2,813.28	123.67
26 27 13 00-0123	EA	8 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	3,562.95	133.97
26 27 13 00-0124		**Watt/Hour Meters** *(26 27 13)*		
26 27 13 00-0125	EA	Single Phase M-90 Meter, Socket, NEMA 3R Enclosure	636.22	49.47
26 27 13 00-0126	EA	Three Phase M-90 Meter/Main Breaker Combination With Socket, NEMA 3R Enclosure	1,896.85	98.93
26 27 13 00-0127	EA	Three Phase M-90 Meter In Line Secondary With Socket, NEMA 3R Enclosure	1,022.94	74.20
26 27 13 00-0128	EA	Three Phase M-90 Meter, Primary Side Transformer Mount With Socket Totally Enclosed, NEMA 3R Enclosure	1,239.18	74.20
26 27 13 00-0129	EA	Three Phase M-90 Meter, Primary Side Pole Mount With Socket, NEMA 3R Enclosure	1,054.71	74.20
26 27 13 00-0130	EA	C.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	707.54	68.43
26 27 13 00-0131	EA	P.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	1,212.52	123.67
26 27 13 00-0132		**Watt/Hour Meter Systems** *(26 27 13)* Note: Includes NEMA 3R enclosure with C.T. and NEMA 3R C.T. enclosure. systems with main breakers include an additional NEMA 3R enclosure.		
26 27 13 00-0133		**Watt/Hour Meter System Without Main Breaker** *(26 27 13 00-0132)*		
26 27 13 00-0134	EA	400 Amp System; 200 Amp M-90 Meter And Enclosure	3,184.57	494.75
26 27 13 00-0135	EA	600-800 Amp System; 200 Amp M-90 Meter And Enclosure	3,694.89	494.75
26 27 13 00-0136		**Watt/Hour Meter System With Main Breaker** *(26 27 13 00-0132)*		
26 27 13 00-0137	EA	400 Amp System; 400 Amp Main Breaker, 200 Amp M-90 Meter And Enclosure	5,425.15	494.75
26 27 13 00-0138	EA	600 Amp System; 600 Amp Main Breaker, 200 Amp M-90 Meter And Enclosure	6,537.95	494.75
26 27 13 00-0139	EA	800 Amp System; 800 Amp Main Breaker, 200 Amp M-90 Meter And Enclosure	7,009.88	494.75
26 27 16		**Electrical Cabinets And Enclosures** *(26 27)* Note: Can be used as enclosure or pull/junction boxes.		
26 27 16 00-0001		**NEMA 1 Enclosures** *(26 27 16)*		
26 27 16 00-0002		**Hinged Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0001)*		
26 27 16 00-0003		**4" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0002)*		
26 27 16 00-0004	EA	6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	52.03	16.49
26 27 16 00-0005	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	58.34	18.14
26 27 16 00-0006	EA	8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	64.72	19.78
26 27 16 00-0007	EA	8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	75.55	23.08
26 27 16 00-0008	EA	10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	82.27	24.74
26 27 16 00-0009	EA	10" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	89.49	26.38
26 27 16 00-0010	EA	12" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	89.24	26.38
26 27 16 00-0011	EA	12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	96.62	28.03
26 27 16 00-0012	EA	12" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	104.38	29.68
26 27 16 00-0013	EA	16" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	135.40	39.57
26 27 16 00-0014	EA	18" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	156.06	46.17
26 27 16 00-0015		**6" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0002)*		
26 27 16 00-0016	EA	6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	65.20	19.78
26 27 16 00-0017	EA	8" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	79.12	23.08
26 27 16 00-0018	EA	10" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	94.47	28.03
26 27 16 00-0019	EA	10" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	102.04	29.68
26 27 16 00-0020	EA	12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	109.77	31.33
26 27 16 00-0021	EA	12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	117.84	32.97
26 27 16 00-0022	EA	16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	149.67	42.88
26 27 16 00-0023	EA	16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	181.50	52.77
26 27 16 00-0024	EA	18" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	175.03	51.12
26 27 16 00-0025	EA	18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	227.92	65.96
26 27 16 00-0026	EA	24" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	292.23	75.85
26 27 16 00-0027	EA	24" x 24" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	333.77	82.45
26 27 16 00-0028	EA	30" x 24" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	371.42	87.40
26 27 16 00-0029	EA	36" x 24" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	404.94	90.69

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0030		Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0001)*		
26 27 16 00-0031		3" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0030)*		
26 27 16 00-0032	EA	4" x 4" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	37.64	11.55
26 27 16 00-0033	EA	6" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	53.80	16.49
26 27 16 00-0034	EA	8" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	60.15	18.14
26 27 16 00-0035		4" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0030)*		
26 27 16 00-0036	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	41.91	13.19
26 27 16 00-0037	EA	6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	51.89	16.49
26 27 16 00-0038	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	58.12	18.14
26 27 16 00-0039	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	64.48	19.78
26 27 16 00-0040	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	75.23	23.08
26 27 16 00-0041	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	81.93	24.74
26 27 16 00-0042	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	89.02	26.38
26 27 16 00-0043	EA	12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	88.73	26.38
26 27 16 00-0044	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	96.16	28.03
26 27 16 00-0045	EA	12" x 12" x 4" NEMA 1 Screw Cover, Galvanized Steel Enclosure	103.83	29.68
26 27 16 00-0046	EA	16" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	135.40	39.57
26 27 16 00-0047	EA	18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	155.31	46.17
26 27 16 00-0048	EA	18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	201.43	59.36
26 27 16 00-0049	EA	24" x 24" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	297.29	74.20
26 27 16 00-0050		6" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0030)*		
26 27 16 00-0051	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	64.90	19.78
26 27 16 00-0052	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	71.82	21.44
26 27 16 00-0053	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	82.76	24.74
26 27 16 00-0054	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	93.99	28.03
26 27 16 00-0055	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	101.54	29.68
26 27 16 00-0056	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	109.20	31.33
26 27 16 00-0057	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	117.19	32.97
26 27 16 00-0058	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	149.67	42.88
26 27 16 00-0059	EA	16" x 16" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	183.85	52.77
26 27 16 00-0060	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	174.18	51.12
26 27 16 00-0061	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	226.76	65.96
26 27 16 00-0062	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	286.90	75.85
26 27 16 00-0063	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	331.32	82.45
26 27 16 00-0064	EA	30" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	358.64	87.40
26 27 16 00-0065	EA	36" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	395.05	90.69
26 27 16 00-0066		8" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0030)*		
26 27 16 00-0067	EA	8" x 8" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	93.99	28.03
26 27 16 00-0068	EA	12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	129.33	36.27
26 27 16 00-0069	EA	16" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	164.37	46.17
26 27 16 00-0070	EA	18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	194.26	56.07
26 27 16 00-0071	EA	24" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	267.42	79.15
26 27 16 00-0072	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	314.52	84.09
26 27 16 00-0073	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	365.48	90.69
26 27 16 00-0074	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	389.37	95.64
26 27 16 00-0075	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	409.94	98.93
26 27 16 00-0076	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	422.27	98.93
26 27 16 00-0077		10" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0030)*		
26 27 16 00-0078	EA	18" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	221.01	62.66
26 27 16 00-0079	EA	18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	291.81	80.79
26 27 16 00-0080	EA	24" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	293.15	85.74
26 27 16 00-0081	EA	24" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	390.96	92.34
26 27 16 00-0082	EA	24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	452.20	102.23
26 27 16 00-0083	EA	30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	506.31	105.53
26 27 16 00-0084	EA	36" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	541.29	110.48
26 27 16 00-0085		12" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0030)*		
26 27 16 00-0086	EA	18" x 18" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure	322.25	89.04
26 27 16 00-0087	EA	24" x 12" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure	317.97	93.99
26 27 16 00-0088	EA	24" x 18" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure	429.45	102.23
26 27 16 00-0089	EA	24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure	493.30	112.12
26 27 16 00-0090	EA	30" x 24" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure	558.48	117.07
26 27 16 00-0091	EA	36" x 24" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure	589.87	122.01
26 27 16 00-0092		NEMA 12 Enclosures *(26 27 16)*		
		Note: Dust-tight enclosures.		
26 27 16 00-0093		Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0092)*		
26 27 16 00-0094		4" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0093)*		
26 27 16 00-0095	EA	4" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	73.86	13.19
26 27 16 00-0096	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	96.20	18.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0097	EA	8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	119.02	23.08
26 27 16 00-0098	EA	10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	128.85	24.74
26 27 16 00-0099	EA	12" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	144.64	26.38
26 27 16 00-0100	EA	12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	155.80	28.03
26 27 16 00-0101		6" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0093)*		
26 27 16 00-0102	EA	6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	106.80	19.78
26 27 16 00-0103	EA	8" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	117.66	21.44
26 27 16 00-0104		Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0092)*		
26 27 16 00-0105		4" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0104)*		
26 27 16 00-0106	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	78.80	13.19
26 27 16 00-0107	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	98.01	18.14
26 27 16 00-0108	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	109.75	19.78
26 27 16 00-0109	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	126.23	23.08
26 27 16 00-0110	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	131.32	24.74
26 27 16 00-0111	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	150.85	26.38
26 27 16 00-0112	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	161.53	28.03
26 27 16 00-0113	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	180.47	29.68
26 27 16 00-0114		6" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0104)*		
26 27 16 00-0115	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	115.88	19.78
26 27 16 00-0116	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	129.60	21.44
26 27 16 00-0117	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	143.32	24.74
26 27 16 00-0118	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	170.16	29.68
26 27 16 00-0119	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	185.91	32.97
26 27 16 00-0120	EA	16" x 14" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	253.77	42.88
26 27 16 00-0121	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	392.54	65.96
26 27 16 00-0122	EA	24" x 16" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	498.34	75.85
26 27 16 00-0123	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	557.24	82.45
26 27 16 00-0124		8" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0104)*		
26 27 16 00-0125	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	527.14	84.09
26 27 16 00-0126	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosureer	598.15	90.69
26 27 16 00-0127	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	651.42	95.64
26 27 16 00-0128	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	708.45	98.93
26 27 16 00-0129	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	700.74	98.93
26 27 16 00-0130		Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0092)*		
26 27 16 00-0131	EA	60" x 48" x 8" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	1,925.69	133.97
26 27 16 00-0132	EA	60" x 48" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	1,960.12	148.40
26 27 16 00-0133	EA	60" x 48" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	2,180.90	233.31
26 27 16 00-0134	EA	60" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	2,234.61	158.71
26 27 16 00-0135	EA	60" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	2,415.85	247.34
26 27 16 00-0136	EA	72" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	2,589.10	197.87
26 27 16 00-0137	EA	72" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	2,723.40	263.82
26 27 16 00-0138	EA	72" x 72" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	2,905.90	233.31
26 27 16 00-0139	EA	72" x 72" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	2,972.49	263.82
26 27 16 00-0140		NEMA 3 Junction Or Pull Boxes *(26 27 16)* Note: Can be used underground or encased in concrete.		
26 27 16 00-0141		2" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Boxes *(26 27 16 00-0140)*		
26 27 16 00-0142	EA	4" x 4" x 2" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	206.81	57.71
26 27 16 00-0143		3" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Boxes *(26 27 16 00-0140)*		
26 27 16 00-0144	EA	4" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	221.27	57.71
26 27 16 00-0145	EA	5" x 5" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	280.15	59.77
26 27 16 00-0146	EA	6" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	289.99	59.77
26 27 16 00-0147	EA	6" x 6" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	361.85	61.83
26 27 16 00-0148		4" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Boxes *(26 27 16 00-0140)*		
26 27 16 00-0149	EA	1/4" Wall Thickness, 4" x 4" x 4" NEMA 3 Cast Iron Junction Or Pull Box And Cover	277.49	59.77
26 27 16 00-0150	EA	5" x 5" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	303.22	59.77
26 27 16 00-0151	EA	6" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	315.99	61.83
26 27 16 00-0152	EA	6" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	395.03	61.83
26 27 16 00-0153	EA	8" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	433.88	65.96
26 27 16 00-0154	EA	8" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	466.86	70.08
26 27 16 00-0155	EA	10" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	485.66	70.08
26 27 16 00-0156	EA	10" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	575.46	72.14
26 27 16 00-0157	EA	12" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	623.56	74.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0158	EA	12" x 12" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	850.22	82.45
26 27 16 00-0159		**6" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Boxes** *(26 27 16 00-0140)*		
26 27 16 00-0160	EA	6" x 6" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	416.95	63.89
26 27 16 00-0161	EA	8" x 6" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	523.91	72.14
26 27 16 00-0162	EA	8" x 8" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	612.00	74.20
26 27 16 00-0163	EA	10" x 8" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	703.63	76.26
26 27 16 00-0164	EA	10" x 10" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	747.97	76.26
26 27 16 00-0165	EA	12" x 8" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	849.98	82.45
26 27 16 00-0166	EA	12" x 12" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	982.72	92.75
26 27 16 00-0167	EA	16" x 6" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	926.23	88.63
26 27 16 00-0168	EA	18" x 12" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	1,799.47	164.89
26 27 16 00-0169	EA	18" x 18" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	3,103.51	206.11
26 27 16 00-0170		**8" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Boxes** *(26 27 16 00-0140)*		
26 27 16 00-0171	EA	8" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	755.26	78.33
26 27 16 00-0172	EA	12" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	1,133.17	103.05
26 27 16 00-0173	EA	12" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	1,151.28	103.05
26 27 16 00-0174	EA	16" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	1,562.37	154.59
26 27 16 00-0175	EA	18" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	2,051.01	164.89
26 27 16 00-0176	EA	24" x 24" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	5,181.88	288.56
26 27 16 00-0177		**10" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Boxes** *(26 27 16 00-0140)*		
26 27 16 00-0178	EA	18" x 12" x 10" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	2,732.38	206.11
26 27 16 00-0179		**12" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Boxes** *(26 27 16 00-0140)*		
26 27 16 00-0180	EA	18" x 18" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	4,190.18	247.34
26 27 16 00-0181	EA	24" x 12" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Junction Or Pull Box	3,450.06	226.72
26 27 16 00-0182		**NEMA 3R Enclosures** *(26 27 16)*		
		Note: Rain-tight enclosures.		
26 27 16 00-0183		**Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0182)*		
26 27 16 00-0184		**4" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0183)*		
26 27 16 00-0185	EA	6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	62.33	16.49
26 27 16 00-0186	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	68.78	18.14
26 27 16 00-0187	EA	8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	93.56	18.14
26 27 16 00-0188		**6" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0183)*		
26 27 16 00-0189	EA	8" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	122.86	24.74
26 27 16 00-0190	EA	10" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	137.52	28.03
26 27 16 00-0191	EA	12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	160.46	31.33
26 27 16 00-0192	EA	12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	172.94	32.97
26 27 16 00-0193	EA	16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	225.12	42.88
26 27 16 00-0194	EA	16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	270.09	52.77
26 27 16 00-0195	EA	18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	311.81	65.96
26 27 16 00-0196		**8" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0183)*		
26 27 16 00-0197	EA	24" x 20" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	464.19	84.09
26 27 16 00-0198	EA	24" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	513.31	90.69
26 27 16 00-0199	EA	30" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	574.07	95.64
26 27 16 00-0200	EA	30" x 30" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	602.84	98.93
26 27 16 00-0201		**10" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0183)*		
26 27 16 00-0202	EA	12" x 48" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	574.39	102.23
26 27 16 00-0203	EA	12" x 54" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	648.82	115.42
26 27 16 00-0204	EA	12" x 60" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	718.40	127.79
26 27 16 00-0205	EA	12" x 66" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	791.18	140.98
26 27 16 00-0206	EA	12" x 72" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	861.59	153.34
26 27 16 00-0207	EA	18" x 18" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	382.24	80.79
26 27 16 00-0208	EA	24" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	574.39	102.23
26 27 16 00-0209	EA	30" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	671.05	105.53
26 27 16 00-0210	EA	36" x 36" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	838.89	115.42
26 27 16 00-0211		**12" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0183)*		
26 27 16 00-0212	EA	12" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	546.82	81.62
26 27 16 00-0213	EA	12" x 54" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	613.35	91.52
26 27 16 00-0214	EA	12" x 60" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	679.06	101.41
26 27 16 00-0215	EA	12" x 66" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	750.72	112.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0216	EA	12" x 72" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	817.25	122.01
26 27 16 00-0217	EA	18" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	408.62	61.01
26 27 16 00-0218	EA	18" x 32" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	546.82	81.62
26 27 16 00-0219	EA	18" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	613.35	91.52
26 27 16 00-0220	EA	18" x 42" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	717.86	107.18
26 27 16 00-0221	EA	18" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	817.25	122.01
26 27 16 00-0222	EA	30" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	779.32	120.37
26 27 16 00-0223	EA	36" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	817.25	122.01
26 27 16 00-0224	EA	36" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	859.00	125.31
26 27 16 00-0225	EA	36" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	952.37	131.92
26 27 16 00-0226	EA	42" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,030.27	138.51

26 27 16 00-0227 Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0182)*

26 27 16 00-0228 4" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0227)*

26 27 16 00-0229	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	49.48	13.19
26 27 16 00-0230	EA	6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	59.81	16.49
26 27 16 00-0231	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	66.03	18.14
26 27 16 00-0232	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	73.24	19.78
26 27 16 00-0233	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	85.03	23.08
26 27 16 00-0234	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	92.70	24.74
26 27 16 00-0235	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	101.04	26.38
26 27 16 00-0236	EA	12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	100.59	26.38
26 27 16 00-0237	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	109.97	28.03
26 27 16 00-0238	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	118.30	29.68
26 27 16 00-0239	EA	18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	178.68	46.17
26 27 16 00-0240	EA	18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	238.43	59.36

26 27 16 00-0241 6" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0227)*

26 27 16 00-0242	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	68.73	19.78
26 27 16 00-0243	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	93.91	24.74
26 27 16 00-0244	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	106.39	28.03
26 27 16 00-0245	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	115.35	29.68
26 27 16 00-0246	EA	12" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	114.68	29.68
26 27 16 00-0247	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	124.19	31.33
26 27 16 00-0248	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	133.77	32.97
26 27 16 00-0249	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	174.59	42.88
26 27 16 00-0250	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	200.90	51.12
26 27 16 00-0251	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	268.20	65.96
26 27 16 00-0252	EA	24" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	279.86	70.90
26 27 16 00-0253	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	320.18	75.85
26 27 16 00-0254	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	360.82	82.45

26 27 16 00-0255 8" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0227)*

26 27 16 00-0256	EA	12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	149.77	36.27
26 27 16 00-0257	EA	18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	216.70	56.07
26 27 16 00-0258	EA	18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	296.76	72.55
26 27 16 00-0259	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	354.26	84.09
26 27 16 00-0260	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	401.09	90.69
26 27 16 00-0261	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	445.90	95.64

26 27 16 00-0262 10" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0227)*

26 27 16 00-0263	EA	18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	327.35	80.79
26 27 16 00-0264	EA	24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	440.90	102.23
26 27 16 00-0265	EA	30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	484.12	105.53

26 27 16 00-0266 12" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0227)*

26 27 16 00-0267	EA	24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	487.12	112.12
26 27 16 00-0268	EA	30" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	680.54	122.01
26 27 16 00-0269	EA	36" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	703.38	125.31
26 27 16 00-0270	EA	36" x 36" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	823.52	131.92

26 27 16 00-0271 NEMA 4 Enclosures *(26 27 16)*

Note: Water-tight enclosures.

26 27 16 00-0272 Hinge Cover, Painted Steel NEMA 4 Enclosures *(26 27 16 00-0271)*

26 27 16 00-0273	EA	4" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	84.89	11.55
26 27 16 00-0274	EA	6" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	98.82	14.01
26 27 16 00-0275	EA	8" x 6" x 3.5" Hinge Cover, Painted Steel NEMA 4 Enclosure	123.41	18.14
26 27 16 00-0276	EA	6" x 6" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	117.04	18.14
26 27 16 00-0277	EA	10" x 8" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	156.22	24.74
26 27 16 00-0278	EA	12" x 10" x 5" Hinge Cover, Painted Steel NEMA 4 Enclosure	195.12	29.68
26 27 16 00-0279	EA	10" x 8" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	179.99	28.03
26 27 16 00-0280	EA	12" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	209.71	32.97
26 27 16 00-0281	EA	14" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	247.13	37.93
26 27 16 00-0282	EA	16" x 14" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	298.77	47.82

26 27 16 00-0283 Clamp Cover, Painted Steel NEMA 4 Enclosures *(26 27 16 00-0271)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0284	EA	4" x 4" x 3" Clamp Cover, Painted Steel NEMA 4 Enclosure	77.49	11.55
26 27 16 00-0285	EA	6" x 6" x 4" Clamp Cover, Painted Steel NEMA 4 Enclosure	109.66	18.14

26 27 16 00-0286 Screw Cover, Fiberglass NEMA 4 Enclosures *(26 27 16 00-0271)*

26 27 16 00-0287	EA	6" x 6" x 4" Screw Cover, Fiberglass NEMA 4 Enclosure	96.73	15.83
26 27 16 00-0288	EA	8" x 6" x 4" Screw Cover, Fiberglass NEMA 4 Enclosure	102.63	17.15
26 27 16 00-0289	EA	10" x 8" x 6" Screw Cover, Fiberglass NEMA 4 Enclosure	125.39	22.42
26 27 16 00-0290	EA	12" x 10" x 6" Screw Cover, Fiberglass NEMA 4 Enclosure	147.10	24.74
26 27 16 00-0291	EA	14" x 12" x 8" Screw Cover, Fiberglass NEMA 4 Enclosure	190.70	31.33
26 27 16 00-0292	EA	16" x 14" x 8" Screw Cover, Fiberglass NEMA 4 Enclosure	222.78	37.10
26 27 16 00-0293	EA	18" x 16" x 10" Screw Cover, Fiberglass NEMA 4 Enclosure	310.52	59.36

26 27 16 00-0294 NEMA 4X Enclosures *(26 27 16)*

Note: Water-tight enclosures.

26 27 16 00-0295 Clamp Cover, Aluminum NEMA 4X Enclosures *(26 27 16 00-0294)*

26 27 16 00-0296	EA	6" x 4" x 3" Clamp Cover, Aluminum NEMA 4X Enclosure	173.28	13.19
26 27 16 00-0297	EA	6" x 6" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	203.15	18.14
26 27 16 00-0298	EA	10" x 8" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	256.74	24.74
26 27 16 00-0299	EA	12" x 10" x 5" Clamp Cover, Aluminum NEMA 4X Enclosure	311.83	29.68
26 27 16 00-0300	EA	14" x 12" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	383.86	37.93
26 27 16 00-0301	EA	16" x 14" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	451.97	47.82

26 27 16 00-0302 Clamp Cover, 304 Stainless Steel NEMA 4X Enclosures *(26 27 16 00-0294)*

26 27 16 00-0303	EA	4" x 4" x 3" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	156.11	11.55
		For 316L Stainless Steel, Add	*34.36*	
26 27 16 00-0304	EA	6" x 4" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	204.06	16.49
		For 316L Stainless Steel, Add	*43.97*	
26 27 16 00-0305	EA	6" x 6" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	230.85	18.14
		For 316L Stainless Steel, Add	*50.09*	
26 27 16 00-0306	EA	8" x 6" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	263.55	19.78
		For 316L Stainless Steel, Add	*57.80*	
26 27 16 00-0307	EA	10" x 8" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	323.98	24.74
		For 316L Stainless Steel, Add	*70.78*	
26 27 16 00-0308	EA	12" x 10" x 6" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	453.33	31.33
		For 316L Stainless Steel, Add	*101.25*	
26 27 16 00-0309	EA	14" x 12" x 6" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	564.36	37.93
		For 316L Stainless Steel, Add	*126.78*	
26 27 16 00-0310	EA	16" x 14" x 6" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	681.81	47.82
		For 316L Stainless Steel, Add	*151.81*	

26 27 16 00-0311 NEMA 7/9 Enclosures *(26 27 16)*

Note: Nominal inside dimensions.

26 27 16 00-0312 4" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0311)*

26 27 16 00-0313	EA	6" x 6" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	890.51	92.75
		For Mounting Pan, Add	*37.32*	
26 27 16 00-0314	EA	6" x 8" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	713.66	98.93
		For Mounting Pan, Add	*69.54*	
26 27 16 00-0315	EA	8" x 10" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,383.24	111.30
		For Mounting Pan, Add	*95.89*	

26 27 16 00-0316 6" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0311)*

26 27 16 00-0317	EA	8" x 8" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,231.79	111.30
		For Mounting Pan, Add	*48.76*	
26 27 16 00-0318	EA	8" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,600.63	114.40
		For Mounting Pan, Add	*95.89*	
26 27 16 00-0319	EA	8" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,638.77	123.67
		For Mounting Pan, Add	*73.35*	
26 27 16 00-0320	EA	10" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,681.34	123.67
		For Mounting Pan, Add	*85.82*	
26 27 16 00-0321	EA	10" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,374.27	154.59
		For Mounting Pan, Add	*112.59*	
26 27 16 00-0322	EA	12" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,237.29	139.12
		For Mounting Pan, Add	*70.30*	
26 27 16 00-0323	EA	12" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,315.99	154.59
		For Mounting Pan, Add	*105.19*	
26 27 16 00-0324	EA	12" x 24" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,583.20	278.26
		For Mounting Pan, Add	*141.52*	
26 27 16 00-0325	EA	14" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,839.96	185.50
		For Mounting Pan, Add	*137.79*	
26 27 16 00-0326	EA	16" x 16" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,736.53	309.17
		For Mounting Pan, Add	*126.50*	
26 27 16 00-0327	EA	18" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,469.49	309.17
		For Mounting Pan, Add	*205.65*	

26 27 16 00-0328 8" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0311)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0329	EA	8" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,911.92	139.12
		For Mounting Pan, Add	*73.35*	
26 27 16 00-0330	EA	10" x 10" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,925.15	139.12
		For Mounting Pan, Add	*85.82*	
26 27 16 00-0331	EA	10" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,177.11	139.12
		For Mounting Pan, Add	*112.59*	
26 27 16 00-0332	EA	12" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,412.54	154.59
		For Mounting Pan, Add	*70.30*	
26 27 16 00-0333	EA	12" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,514.95	278.26
		For Mounting Pan, Add	*105.19*	
26 27 16 00-0334	EA	12" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,277.46	340.09
		For Mounting Pan, Add	*141.52*	
26 27 16 00-0335	EA	12" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,698.50	401.92
		For Mounting Pan, Add	*212.83*	
26 27 16 00-0336	EA	14" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,856.65	340.09
		For Mounting Pan, Add	*137.79*	
26 27 16 00-0337	EA	16" x 16" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,960.34	340.09
		For Mounting Pan, Add	*126.50*	
26 27 16 00-0338	EA	16" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,880.56	371.00
		For Mounting Pan, Add	*189.62*	
26 27 16 00-0339	EA	18" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,862.00	340.09
		For Mounting Pan, Add	*205.65*	
26 27 16 00-0340	EA	18" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,482.36	371.00
		For Mounting Pan, Add	*300.72*	
26 27 16 00-0341	EA	18" x 30" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,438.34	371.00
		For Mounting Pan, Add	*400.90*	
26 27 16 00-0342	EA	18" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	9,983.88	494.67
		For Mounting Pan, Add	*501.05*	
26 27 16 00-0343	EA	24" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	7,602.31	401.92
		For Mounting Pan, Add	*465.89*	
26 27 16 00-0344	EA	24" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	13,757.53	618.34
		For Mounting Pan, Add	*637.80*	

26 27 16 00-0345 10" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0311)*

26 27 16 00-0346	EA	12" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,965.23	401.92
		For Mounting Pan, Add	*212.83*	
26 27 16 00-0347	EA	16" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,411.83	371.00
		For Mounting Pan, Add	*189.62*	
26 27 16 00-0348	EA	18" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,985.08	401.92
		For Mounting Pan, Add	*300.72*	
26 27 16 00-0349	EA	18" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	8,812.68	432.83
		For Mounting Pan, Add	*501.05*	
26 27 16 00-0350	EA	24" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	7,805.24	432.83
		For Mounting Pan, Add	*465.89*	
26 27 16 00-0351	EA	24" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	14,979.46	618.34
		For Mounting Pan, Add	*637.80*	

26 27 16 00-0352 12" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0311)*

26 27 16 00-0353	EA	12" x 24" x 12" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,372.59	340.09
		For Mounting Pan, Add	*141.52*	

26 27 16 00-0354 Breaker Enclosures *(26 27 16)*

See CSI section 26 24 16 00-0001 for lighting and power panel boards.

26 27 16 00-0355 15 To 100 Amp, F-Frame Breaker Enclosures *(26 27 16 00-0354)*

26 27 16 00-0356	EA	NEMA 1, Painted Steel, 15 To 100 Amp, F-Frame Breaker Enclosure	226.42	65.96
26 27 16 00-0357	EA	NEMA 3R, Painted Steel, 15 To 100 Amp, F-Frame Breaker Enclosure	381.92	65.96
26 27 16 00-0358	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 100 Amp, F-Frame Breaker Enclosure	896.88	90.69
26 27 16 00-0359	EA	NEMA 7, Cast Aluminum, 15 To 100 Amp, F-Frame Breaker Enclosure	1,200.87	98.93
26 27 16 00-0360	EA	NEMA 9, Cast Aluminum, 15 To 100 Amp, F-Frame Breaker Enclosure	892.37	98.93
26 27 16 00-0361	EA	NEMA 12, Painted Steel, 15 To 100 Amp, F-Frame Breaker Enclosure	348.89	90.69

26 27 16 00-0362 15 To 250 Amp, H Or J-Frame Breaker Enclosures *(26 27 16 00-0354)*

26 27 16 00-0363	EA	NEMA 1, Painted Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure	352.38	90.69
26 27 16 00-0364	EA	NEMA 3R, Painted Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure	601.39	90.69
26 27 16 00-0365	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure	1,933.34	115.42
26 27 16 00-0366	EA	NEMA 12, Painted Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure	521.84	115.42

26 27 16 00-0367 125 To 400 Amp, L-Frame Breaker Enclosures *(26 27 16 00-0354)*

26 27 16 00-0368	EA	NEMA 1, Painted Steel, 125 To 400 Amp, L-Frame Breaker Enclosure	576.25	181.38
26 27 16 00-0369	EA	NEMA 3R, Painted Steel, 125 To 400 Amp, L-Frame Breaker Enclosure	1,190.31	181.38
26 27 16 00-0370	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 125 To 400 Amp, L-Frame Breaker Enclosure	3,298.22	230.85
26 27 16 00-0371	EA	NEMA 12, Painted Steel, 125 To 400 Amp, L-Frame Breaker Enclosure	913.12	230.85

26 27 16 00-0372 300 To 800 Amp, M-Frame Breaker Enclosures *(26 27 16 00-0354)*

26 27 16 00-0373	EA	NEMA 1, Painted Steel, 300 To 800 Amp, M-Frame Breaker Enclosure	1,123.08	346.27
26 27 16 00-0374	EA	NEMA 3R, Painted Steel, 300 To 800 Amp, M-Frame Breaker Enclosure	1,772.08	346.27
26 27 16 00-0375	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 300 To 800 Amp, M-Frame Breaker Enclosure	5,952.83	445.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0376	EA	NEMA 12, Painted Steel, 300 To 800 Amp, M-Frame Breaker Enclosure	3,349.33	445.20
26 27 16 00-0377		**250 To 1200 Amp, P-Frame Breaker Enclosures** *(26 27 16 00-0354)*		
26 27 16 00-0378	EA	NEMA 1, Painted Steel, 250 To 1200 Amp, P-Frame Breaker Enclosure	1,322.58	346.27
26 27 16 00-0379	EA	NEMA 3R, Painted Steel, 250 To 1200 Amp, P-Frame Breaker Enclosure	2,087.58	346.27
26 27 16 00-0380	EA	NEMA 3R/5/12, Painted Steel, 250 To 1200 Amp, P-Frame Breaker Enclosure	4,139.33	445.20
26 27 16 00-0381		**Legend Plates** *(26 27 16)*		
26 27 16 00-0382	EA	3" Phenolic Plastic Cabinet Legend Plate Engraved With 1/2" Letters	10.61	4.12
26 27 16 00-0383	EA	3" Engraved Aluminum Cabinet Legend Plate Engraved With 1/2" Letters	12.62	4.12

26 27 23 Indoor Service Poles *(26 27)*

26 27 23 00-0001 Communication And Power Poles *(26 27 23)*

Note: Includes separate compartments for power and communication cable. Includes removable cover plates with knock-outs for modular jacks and openings to accept modular furniture adapters for communication devices. Includes all necessary mounting plates and assemblies. Excludes electrical and communications wire, power outlets and communication devices. Wiremold Tele-Power Pole series.

26 27 23 00-0002 Steel Communication And Power Poles *(26 27 23 00-0001)*

26 27 23 00-0003 2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*

26 27 23 00-0004 2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0003)*

26 27 23 00-0005	EA	2-1/4" x 2-5/16", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	209.42	36.55
26 27 23 00-0006	EA	2-1/4" x 2-5/16", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	227.13	36.55
26 27 23 00-0007	EA	2-1/4" x 2-5/16", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	247.61	36.55

26 27 23 00-0008 Additional Cover Plates For 2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0003)*

Note: Excludes receptacles, communication jacks and wiring.

26 27 23 00-0009	EA	Add-On Cover Plate For Two Duplex Receptacles And One Single Receptacle	44.55	7.54
26 27 23 00-0010	EA	Add-On Cover Plate For Three Duplex Receptacles	37.30	7.54
26 27 23 00-0011	EA	Add-On Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	42.11	7.54
26 27 23 00-0012	EA	Add-On Cover Plate For Data And A/V Modular Devices	31.43	7.54
26 27 23 00-0013	EA	Add-On Radius Control Entrance End Fitting	26.05	7.54

26 27 23 00-0014 2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*

26 27 23 00-0015 2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0014)*

26 27 23 00-0016	EA	2-3/4" x 1-17/32", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	270.14	36.55
26 27 23 00-0017	EA	2-3/4" x 1-17/32", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	308.20	36.55
26 27 23 00-0018	EA	2-3/4" x 1-17/32", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	328.74	36.55

26 27 23 00-0019 Additional Cover Plates For 2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0014)*

Note: Excludes receptacles and communication jacks.

26 27 23 00-0020	EA	Add-On Cover Plate For One Single Receptacle	29.05	7.54
26 27 23 00-0021	EA	Add-On Cover Plate For One Duplex Receptacle	26.21	7.54
26 27 23 00-0022	EA	Add-On Cover Plate For Data And A/V Modular Devices	28.25	7.54

26 27 23 00-0023 3" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*

26 27 23 00-0024 3" Width, Steel Communication And Power Poles *(26 27 23 00-0023)*

26 27 23 00-0025	EA	3" x 2-3/4", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	350.79	36.55
26 27 23 00-0026	EA	3" x 2-3/4", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	396.61	36.55
26 27 23 00-0027	EA	3" x 2-3/4", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	426.80	36.55

26 27 23 00-0028 Additional Cover Plates For 3" Width, Steel Communication And Power Poles *(26 27 23 00-0023)*

Note: Excludes receptacles and communication jacks.

26 27 23 00-0029	EA	Add-On Cover Plate For One Single Receptacle	29.05	7.54
26 27 23 00-0030	EA	Add-On Cover Plate For One Duplex Receptacle	26.21	7.54
26 27 23 00-0031	EA	Add-On Cover Plate For Data And A/V Modular Devices	28.25	7.54

26 27 23 00-0032 Aluminum Communication And Power Poles *(26 27 23 00-0001)*

26 27 23 00-0033 2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*

26 27 23 00-0034 2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0033)*

26 27 23 00-0035	EA	2-1/8" x 2-3/8", 10'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	282.06	36.55
26 27 23 00-0036	EA	2-1/8" x 2-3/8", 12'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	314.09	36.55
26 27 23 00-0037	EA	2-1/8" x 2-3/8", 15'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	350.00	36.55

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 23 00-0038		Additional Cover Plates For 2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0033)*		
26 27 23 00-0039	EA	Add-On Cover Plate For Two Duplex Receptacles And One Single Receptacle	43.98	7.54
26 27 23 00-0040	EA	Add-On Cover Plate For Three Duplex Receptacles	44.88	7.54
26 27 23 00-0041	EA	Add-On Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	47.89	7.54
26 27 23 00-0042	EA	Add-On Cover Plate For Data And A/V Modular Devices	33.12	7.54
26 27 23 00-0043	EA	Add-On Radius Control Entrance End Fitting	26.05	7.54
26 27 23 00-0044		2-1/4" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
26 27 23 00-0045	EA	2-1/4" x 2-5/16", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	272.06	36.55
26 27 23 00-0046	EA	2-1/4" x 2-5/16", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	304.91	36.55
26 27 23 00-0047	EA	2-1/4" x 2-5/16", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	343.61	36.55
26 27 23 00-0048		5" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
26 27 23 00-0049	EA	5" x 4-3/4", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	564.66	36.55
26 27 23 00-0050	EA	5" x 4-3/4", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	645.22	36.55
26 27 23 00-0051	EA	5" x 4-3/4", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	735.45	36.55
26 27 23 00-0052		2" Diameter, Round Aluminum Communication And Power Pole *(26 27 23 00-0032)*		
26 27 23 00-0053	EA	2" Diameter, 10'-4" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	308.77	36.55
26 27 23 00-0054	EA	2" Diameter, 10'-4" Height, Painted White Finish, Aluminum Communication And Power Pole	292.54	36.55
26 27 23 00-0055	EA	2" Diameter, 10'-4" Height, Polished Anodized Finish, Aluminum Communication And Power Pole	373.57	36.55
26 27 26		**Wiring Devices** *(26 27)*		
		Note: Includes device, installation, wire connections, support clips (where necessary) and testing. Assemblies include outlet device, cover plate, mounting and appropriate box.		
26 27 26 00-0001		Receptacles *(26 27 26)*		
26 27 26 00-0002		Television Receptacle *(26 27 26 00-0001)*		
26 27 26 00-0003	EA	TV Receptacle With Cover (Type F) - Complete	47.35	19.12
26 27 26 00-0004		General Use Receptacles *(26 27 26 00-0001)*		
26 27 26 00-0005		Receptacle Assemblies *(26 27 26 00-0004)*		
		Note: Includes 4" square steel box, bracket, mud ring, receptacle and cover plate.		
26 27 26 00-0006	EA	1 Gang, 15 Amp, NEMA 5-15, Duplex Receptacle Assembly	64.97	29.27
26 27 26 00-0007	EA	1 Gang, 20 Amp, NEMA 5-20, Duplex Receptacle Assembly	69.56	31.33
26 27 26 00-0008	EA	2 Gang, 15 Amp, NEMA 5-15, Duplex Receptacle Assembly	83.44	37.51
26 27 26 00-0009	EA	2 Gang, 20 Amp, NEMA 5-20, Duplex Receptacle Assembly	92.60	41.63
26 27 26 00-0010	EA	1 Gang, 15 Amp, GFI, Duplex Receptacle Assembly	71.19	29.27
26 27 26 00-0011	EA	1 Gang, 20 Amp, GFI, Duplex Receptacle Assembly	76.11	31.33
26 27 26 00-0012		Receptacle Components *(26 27 26 00-0004)*		
26 27 26 00-0013	EA	15 A, NEMA 5-15, Single Receptacle, 125 V, 1 Phase	18.19	8.25
26 27 26 00-0014	EA	15 A, NEMA 5-15, Duplex Receptacle, 125 V, 1 Phase	17.82	8.25
26 27 26 00-0015	EA	15 A, Single Receptacle, 120/277 Volt, 3 Wire	19.96	8.25
26 27 26 00-0016	EA	15 A, Duplex Receptacle, 120/277 Volt, 3 Wire	21.20	8.25
26 27 26 00-0017	EA	15 A, NEMA 6-15, Single Receptacle, 250 V, 1 Phase	26.90	10.30
26 27 26 00-0018	EA	15 A, NEMA 6-15, Duplex Receptacle, 250 V, 1 Phase	30.96	10.30
26 27 26 00-0019	EA	20 A, NEMA 5-20, Single Receptacle, 125 V, 1 Phase	18.66	8.25
26 27 26 00-0020	EA	20 A, NEMA 5-20, Duplex Receptacle, 125 V, 1 Phase	18.28	8.25
26 27 26 00-0021	EA	20 A, Single Receptacle, 120/277 V	23.86	8.25
26 27 26 00-0022	EA	20 A, Duplex Receptacle, 120/277 V	20.81	8.25
26 27 26 00-0023	EA	20 A, NEMA 6-20, Single Receptacle, 250 V, 1 Phase	26.90	10.30
26 27 26 00-0024	EA	20 A, NEMA 6-20, Duplex Receptacle, 250 V, 1 Phase	30.96	10.30
26 27 26 00-0025	EA	20 A, NEMA 14-20, Single Receptacle, 125/250 V, 1 Phase	43.99	10.30
26 27 26 00-0026	EA	20 A, NEMA 15-20, Single Receptacle, 250 V, 3 Phase	43.99	10.30
26 27 26 00-0027	EA	25 A, Duplex Receptacle, 120/277 V	39.76	12.37
26 27 26 00-0028		Specialty Receptacles *(26 27 26 00-0001)*		
26 27 26 00-0029		Specialty *(26 27 26 00-0028)*		
26 27 26 00-0030	EA	30 A, NEMA 5-30, Single Receptacle, 125 V, 1 Phase	38.07	14.43
26 27 26 00-0031	EA	30 A, NEMA 6-30, Single Receptacle, 250 V, 1 Phase	38.07	14.43
26 27 26 00-0032	EA	30 A, NEMA 10-30 Single Receptacles, 125/250 V	48.93	14.43
26 27 26 00-0033	EA	30 A, NEMA 14-30, Single Receptacle, 125/250 V, 1 Phase	52.23	14.43
26 27 26 00-0034	EA	30 A, NEMA 15-30, Single Receptacle, 250 V, 3 Phase	56.35	16.49
26 27 26 00-0035	EA	50 A, NEMA 5-50, Single Receptacle, 125 V, 1 Phase	52.97	16.49
26 27 26 00-0036	EA	50 A, NEMA 6-50, Single Receptacle, 250 V, 1 Phase	52.02	16.49
26 27 26 00-0037	EA	50 A, NEMA 7-50 Single Receptacles, 277 V	47.11	16.49
26 27 26 00-0038	EA	50 A, NEMA 10-50 Single Receptacles, 125/250 V	58.69	16.49
26 27 26 00-0039	EA	50 A, NEMA 14-50, Single Receptacle, 125/250 V, 1 Phase	61.55	16.49
26 27 26 00-0040	EA	50 A, NEMA 15-50, Single Receptacle, 250 V, 3 Phase	65.68	18.55
26 27 26 00-0041	EA	60 A, NEMA 14-60, Single Receptacle, 125/250 V, 1 Phase	72.39	20.61
26 27 26 00-0042	EA	60 A, NEMA 15-60, Single Receptacle, 250 V, 3 Phase	80.64	24.74
26 27 26 00-0043	EA	100 Amp, 3 Phase, 480 V Joy Receptacle With Box - Complete	734.42	193.75
26 27 26 00-0044	EA	400 Amp, 4 Pole Weatherproof Generator Receptacle With Box - Complete	1,623.26	237.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0045	EA	Dryer Receptacle, 230 V, 30 Amp	44.89	16.49
26 27 26 00-0046	EA	Range Receptacle, 230 V, 60 Amp	66.17	24.74
26 27 26 00-0047	EA	Clock Hanger Receptacle, 120/277 V, 15 Or 20 A	38.36	10.30
26 27 26 00-0048	EA	Cable Reel With 20 A, 120 V Receptacle - Complete	806.09	251.22
26 27 26 00-0049		**Isolated Ground Receptacles** *(26 27 26 00-0028)*		
26 27 26 00-0050	EA	15A, 125 V, NEMA 5-15R Isolated Ground Receptacle, Simplex Note: 2 Pole, 3 wire.	50.08	8.25
26 27 26 00-0051	EA	20 A, 120 V Isolated Ground Receptacles, Simplex	33.74	10.30
26 27 26 00-0052	EA	20 A, 120 V Isolated Ground Receptacles, Duplex	33.64	10.30
26 27 26 00-0053	EA	30 A, 120 V Isolated Ground Receptacles, Simplex	48.35	16.49
26 27 26 00-0054	EA	Locking 15 A, 250 V Isolated Ground Receptacles	36.86	10.30
26 27 26 00-0055	EA	Locking 15 A, 277 V Isolated Ground Receptacles	34.43	10.30
26 27 26 00-0056	EA	Locking 20 A, 120/208 V Isolated Ground Receptacles	46.17	12.37
26 27 26 00-0057	EA	Locking 20 A, 277/480 V Isolated Ground Receptacles	38.60	12.37
26 27 26 00-0058	EA	Locking 20 A, 347/600 V Isolated Ground Receptacles	47.07	12.37
26 27 26 00-0059	EA	Locking 30 A, 120/208 V Isolated Ground Receptacles	55.33	12.37
26 27 26 00-0060	EA	Locking 30 A, 277 V Isolated Ground Receptacles	57.74	16.49
26 27 26 00-0061		**Ground Fault Interrupter** *(26 27 26 00-0028)*		
26 27 26 00-0062	EA	15 Amp GFI, Duplex Receptacle	21.98	10.30
26 27 26 00-0063	EA	20 Amp GFI, Duplex Receptacle	33.08	12.37
26 27 26 00-0064		**Locking Receptacle** *(26 27 26 00-0028)*		
26 27 26 00-0065	EA	Locking, 15 A, 250 V, NEMA L15-15 Power Receptacles, 2 Phase	41.56	10.30
26 27 26 00-0066	EA	Locking, 15 A, 250 V, NEMA L16-15 Power Receptacles, 2 Phase	42.80	10.30
26 27 26 00-0067	EA	Locking, 20 A, 125 V, NEMA L5-20 Power Receptacles	33.96	12.37
26 27 26 00-0068	EA	Locking, 20 A, 250 V, NEMA L6-20 Power Receptacles	34.01	12.37
26 27 26 00-0069	EA	Locking, 20 A, 480 V, NEMA L8-20 Power Receptacles	35.93	12.37
26 27 26 00-0070	EA	Locking, 20 A, 600 V, NEMA L9-20 Power Receptacles	40.35	12.37
26 27 26 00-0071	EA	Locking, 20 A, 125/250 V, NEMA L10-20 Power Receptacles	37.72	12.37
26 27 26 00-0072	EA	Locking, 20 A, 125/250 V, NEMA L14-20 Power Receptacles	38.39	12.37
26 27 26 00-0073	EA	Locking, 30 A, 120 VAC, NEMA L5-30 Power Receptacles	43.53	16.49
26 27 26 00-0074	EA	Locking, 30 A, 250 VAC, NEMA L6-30 Power Receptacles	44.13	16.49
26 27 26 00-0075	EA	Locking, 30 A, 250 V, NEMA L15-30 Power Receptacles, 3 Phase	50.57	16.49
26 27 26 00-0076		**Hospital Grade Receptacle** *(26 27 26 00-0028)*		
26 27 26 00-0077	EA	15 A Heavy Duty Hospital Grade, NEMA 5-15, Single Receptacle	29.90	8.25
26 27 26 00-0078	EA	15 A Heavy Duty Hospital Grade, NEMA 5-15, Duplex Receptacle	32.21	8.25
26 27 26 00-0079	EA	20 A Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle	34.66	8.25
26 27 26 00-0080	EA	20 A Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle, Isolated Ground	39.30	8.25
26 27 26 00-0081	EA	20 A Extra Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle	35.01	8.25
26 27 26 00-0082	EA	20 A Extra Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle, Isolated Ground	39.81	8.25
26 27 26 00-0083	EA	120 V Transient Voltage Surge Suppresser Receptacle Note: Hospital grade receptacle.	88.62	24.74
26 27 26 00-0084		**Pin And Sleeve Receptacle** *(26 27 26 00-0028)*		
26 27 26 00-0085	EA	Pin And Sleeve, 20 A, 120/208 V Power Receptacles And Box	97.98	20.61
		For Straight Plug, Add	*70.21*	
26 27 26 00-0086	EA	Pin And Sleeve, 20 A, 277/480 V Power Receptacles And Box	97.98	20.61
		For Straight Plug, Add	*70.21*	
26 27 26 00-0087	EA	Pin And Sleeve, 30 A, 120/208 V Power Receptacles And Box	119.48	24.74
		For Straight Plug, Add	*103.06*	
26 27 26 00-0088	EA	Pin And Sleeve, 30 A, 277/480 V Power Receptacles And Box	119.48	24.74
		For Straight Plug, Add	*103.06*	
26 27 26 00-0089	EA	Pin And Sleeve, 60 A, 120/208 V Power Receptacles And Box	241.56	41.22
		For Straight Plug, Add	*128.99*	
26 27 26 00-0090	EA	Pin And Sleeve, 60 A, 277/480 V Power Receptacles And Box	241.56	41.22
		For Straight Plug, Add	*128.99*	
26 27 26 00-0091	EA	Pin And Sleeve, 100 A, 120/208 V Power Receptacles And Box	327.81	51.53
		For Straight Plug, Add	*210.48*	
26 27 26 00-0092	EA	Pin And Sleeve, 100 A, 277/480 V Power Receptacles And Box	327.81	51.53
		For Straight Plug, Add	*210.48*	
26 27 26 00-0093	EA	Pin And Sleeve, 200 A, 120/208 V Power Receptacles And Box	488.35	61.83
		For Straight Plug, Add	*317.87*	
26 27 26 00-0094		**Corrosion Resistant Receptacle** *(26 27 26 00-0028)*		
26 27 26 00-0095	EA	Corrosion Resistant, 15/20 A, 125 V Power Receptacles	38.17	8.25
26 27 26 00-0096	EA	Corrosion Resistant, 15/20 A, 250 V Power Receptacles	71.85	10.30
26 27 26 00-0097		**Tamper Resistant Receptacle** *(26 27 26 00-0028)*		
26 27 26 00-0098	EA	15 Amp, 125 V Duplex Tamper Resistant Receptacle Note: Pass & Seymour 3232-TR.	19.30	8.25
26 27 26 00-0099	EA	20 Amp, 125 V Duplex Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR20.	20.75	8.25
26 27 26 00-0100	EA	15 Amp, 125 V Single Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR5251.	24.90	8.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0101	EA	20 Amp, 125 V Single Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR5351.	26.84	8.25
26 27 26 00-0102	EA	15 Amp, 125 V Duplex GFCI Tamper Resistant Receptacle Note: Pass & Seymour S1595-TR*CC8.	38.54	8.25
26 27 26 00-0103	EA	15 Amp, 125 V Duplex GFCI Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour 1595-TRS.	41.33	8.25
26 27 26 00-0104	EA	20 Amp, 125 V Duplex GFCI Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour 2095-TRS.	43.99	8.25
26 27 26 00-0105		Switches *(26 27 26)*		
26 27 26 00-0106		Switches *(26 27 26 00-0105)*		
26 27 26 00-0107		Switch Assemblies *(26 27 26 00-0106)* Note: Includes 4" square steel box, bracket, mud ring, switch and cover plate.		
26 27 26 00-0108	EA	1 Gang, 15 Amp, 120/277 V, SPST, Switch Assembly	66.15	28.85
26 27 26 00-0109	EA	1 Gang, 20 Amp, 120/277 V, SPST, Switch Assembly	71.33	31.33
26 27 26 00-0110	EA	2 Gang, 15 Amp, 120/277 V, SPST, Switch Assembly	87.85	37.71
26 27 26 00-0111	EA	2 Gang, 20 Amp, 120/277 V, SPST, Switch Assembly	96.54	41.84
26 27 26 00-0112	EA	3 Gang, 15 Amp, 120/277 V, SPST, Switch Assembly	150.70	64.72
26 27 26 00-0113	EA	3 Gang, 20 Amp, 120/277 V, SPST, Switch Assembly	163.75	70.90
26 27 26 00-0114	EA	4 Gang, 15 Amp, 120/277 V, SPST, Switch Assembly	172.23	73.17
26 27 26 00-0115	EA	4 Gang, 20 Amp, 120/277 V, SPST, Switch Assembly	189.62	81.41
26 27 26 00-0116		Switch Components *(26 27 26 00-0106)*		
26 27 26 00-0117	EA	15 A, 120/277 V, SPST Switch	19.82	8.25
26 27 26 00-0118	EA	15 A, 120/277 V, 3-Way Switch	24.99	10.30
26 27 26 00-0119	EA	15 A, 120/277 V, 4-Way Switch	45.68	16.49
26 27 26 00-0120	EA	15 A, 120/277 V, DPST Switch	21.76	8.25
26 27 26 00-0121	EA	15 A, 120/277 V, Thermal Switch	37.18	10.30
26 27 26 00-0122	EA	20 A, 120/277 V, SPST Switch	24.17	10.30
26 27 26 00-0123	EA	20 A, 120/277 V, 3-Way Switch	29.61	12.37
26 27 26 00-0124	EA	20 A, 120/277 V, 4-Way Switch	57.22	16.49
26 27 26 00-0125	EA	20 A, 120/277 V, DPST Switch	27.28	10.30
26 27 26 00-0126	EA	20 A, 120/277 V, DPDT Switch	28.65	10.30
26 27 26 00-0127	EA	15 A, 120/277 V, Single Pole, Momentary Contact Switch, Toggle, Three Position, Center Off	44.82	10.32
26 27 26 00-0128	EA	15 A, 120/277 V, Momentary Contact Switch, Key Operated, Single Pole, Three Position, Center Off	55.83	10.32
26 27 26 00-0129	EA	Momentary Contact Switch With Separate Neon Pilot Note: Neon Pilot is 125 V, 1 / 125W.	43.74	12.39
26 27 26 00-0130	EA	20 A, 125 VAC, Single Pole, Maintained Contact Switch With Center Off Note: Or 250 VAC 10 Amp, double throw BAT handle.	35.76	14.43
26 27 26 00-0131	EA	20 A, 125 VAC, Double Pole, Maintained Contact Switch Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	43.03	16.49
26 27 26 00-0132	EA	20 A, 125 VAC, Three Pole, Maintained Contact Switch Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	57.25	16.49
26 27 26 00-0133	EA	30 A, 120/277 V, Single Pole Local Switch	46.56	16.51
26 27 26 00-0134	EA	30 A, 120/277 V, Double Pole Local Switch	56.46	16.51
26 27 26 00-0135	EA	30 A, 120/277 V, Three-Way Local Switch	59.87	20.64
26 27 26 00-0136	EA	30 A, 120/277 V, Four-Way Local Switch	82.10	22.71
26 27 26 00-0137	EA	15 A, 120/277 V, Local Switch With Neon Pilot	27.01	13.50
26 27 26 00-0138	EA	15 A, 120/277 V, Local Switch With Separate Neon Pilot Note: Neon pilot is 125V, 1/25W. Requires 2 gang installation.	27.01	13.50
26 27 26 00-0139	EA	15 A, 120 V, Single Pole Lighted Toggle Switch, Clear Toggle, Lighted In On Position	27.01	13.50
26 27 26 00-0140	EA	15 A, 120 V, Lighted Toggle Switch, Ivory Toggle, Lighted In Off Position	27.01	13.50
26 27 26 00-0141	EA	Automatic Door Switch, Door Open-Light On, 6A, 125 V	13.38	6.69
26 27 26 00-0142	EA	Automatic Door Switch, Door Closed-Light On, 6A, 125 V	13.38	6.69
26 27 26 00-0143	EA	15A, 120/277 V, Single Pole Momentary Contact Switch, Three Position, Center Off, Toggle	25.76	25.76
26 27 26 00-0144	EA	Momentary Contact Switch, Three Position, Center Off, Key Operated Note: 15A, 120/277 V, Single Pole	71.27	25.76
26 27 26 00-0145		Specialty Switches *(26 27 26 00-0105)*		
26 27 26 00-0146		Dimmers With SPST Switch *(26 27 26 00-0145)*		
26 27 26 00-0147	EA	600 W Dimmers With SPST Switch	44.30	18.55
26 27 26 00-0148	EA	1000 W Dimmers With SPST Switch	66.79	18.55
26 27 26 00-0149	EA	1500 W Dimmers With SPST Switch	117.80	29.85
26 27 26 00-0150	EA	2000 W Dimmers With SPST Switch	146.50	29.85
26 27 26 00-0151	EA	600 W Fluorescent Dimmer Switch	85.36	22.01
26 27 26 00-0152	EA	1000 W Fluorescent Dimmer Switch	110.05	22.01
26 27 26 00-0153	EA	1500 W Fluorescent Dimmer Switch	194.51	33.22
26 27 26 00-0154	EA	Remote Speed Switch For Paddle Fan	70.79	27.45
26 27 26 00-0155	EA	600 W Combination Remote Speed Switch/Incandescent Dimmer	113.73	40.97
26 27 26 00-0156		Time Switches *(26 27 26 00-0145)*		
26 27 26 00-0157	EA	40 A, SPST, 125 V, Standard Time Switch	75.45	24.74
26 27 26 00-0158	EA	40 A, SPST, 277 V, Standard Time Switch	76.75	24.74
26 27 26 00-0159	EA	40 A, DPST, 125 V, Standard Time Switch	75.45	24.74
26 27 26 00-0160	EA	40 A, DPST, 277 V, Standard Time Switch	76.75	24.74
26 27 26 00-0161	EA	40 A, SPST, 125 V, 7-Day Time Switch	84.11	24.74
26 27 26 00-0162	EA	40 A, SPST, 277 V, 7-Day Time Switch	84.11	24.74
26 27 26 00-0163	EA	40 A, DPDT, 125 V, 7-Day Time Switch	135.20	24.74
26 27 26 00-0164	EA	40 A, DPDT, 277 V, 7-Day Time Switch	135.20	24.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0165	EA	20 A, SPST, 125 V, Programmable Time Switch	118.81	24.74
26 27 26 00-0166	EA	20 A, SPST, 277 V, Programmable Time Switch	128.82	24.74
26 27 26 00-0167	EA	20 A, SPST, 277 V, Programmable Time Switch - Weatherproof	128.82	24.74
26 27 26 00-0168	EA	40 A, 4PST, 125 V, Astro Dial Time Switch	152.47	24.74
26 27 26 00-0169	EA	40 A, 4PST, 277 V, Astro Dial Time Switch	156.46	24.74
26 27 26 00-0170	EA	40 A, SPST, 125 V, Standard Time Switch - Weatherproof	75.45	24.74
26 27 26 00-0171	EA	40 A, SPST, 277 V, Standard Time Switch - Weatherproof	76.75	24.74
26 27 26 00-0172	EA	40 A, DPST, 125 V, Standard Time Switch - Weatherproof	75.45	24.74
26 27 26 00-0173	EA	40 A, DPST, 277 V, Standard Time Switch - Weatherproof	76.75	24.74
26 27 26 00-0174	EA	40 A, SPST, 125 V, 7-Day Time Switch - Weatherproof	84.11	24.74
26 27 26 00-0175	EA	40 A, SPST, 277 V, 7-Day Time Switch - Weatherproof	84.11	24.74
26 27 26 00-0176	EA	40 A, DPDT, 125 V, 7-Day Time Switch - Weatherproof	135.20	24.74
26 27 26 00-0177	EA	40 A, DPDT, 277 V, 7-Day Time Switch - Weatherproof	135.20	24.74
26 27 26 00-0178	EA	40 A, 4PST, 125 V, Astro Dial Time Switch - Weatherproof	152.47	24.74
26 27 26 00-0179	EA	40 A, 4PST, 277 V, Astro Dial Time Switch - Weatherproof	156.46	24.74
26 27 26 00-0180		**Low Voltage Switching** *(26 27 26 00-0145)*		
26 27 26 00-0181	EA	36 Pin Male Or Female Connector	100.48	8.25
26 27 26 00-0182		**Other Switches** *(26 27 26 00-0145)*		
26 27 26 00-0183	EA	Pull Chain Switch 120/277 VAC Installed In Light Fixture	26.35	12.37
26 27 26 00-0184	EA	Locking Switch, SPST Concealed Devices	77.11	32.97
26 27 26 00-0185	EA	Locking Switch, 3-Way Concealed Devices	77.82	32.97
26 27 26 00-0186	EA	Emergency Off Switch, With 1 Non-Closing Contact, Circular, Red, With Guard	81.47	30.84
26 27 26 00-0187	EA	15A Momentary Contact Switch	78.64	30.84
26 27 26 00-0188	EA	20A Momentary Contact Switch	81.63	30.84
26 27 26 00-0189	EA	2-1/4" Handy Box Cover Units Fuseholder Switch	82.64	37.17
26 27 26 00-0190	EA	2-3/4" Handy Box Cover Units Fuseholder Switch	83.48	37.17
26 27 26 00-0191	EA	4" Square Box Cover Units With 2 Fuseholders And 2 Switches	102.49	45.42
26 27 26 00-0192	EA	4" Square Box Cover Units With 1 Fuseholder And 1 Switch	93.19	41.29
26 27 26 00-0193	EA	4" Octagon Box Cover Units With 1 Fuseholder And 1 Switch	93.39	41.29
26 27 26 00-0194		**Hospitay Grade Switches** *(26 27 26 00-0145)*		
26 27 26 00-0195	EA	15 A, 120/277 V, SPST Hospitay Grade Switch	19.82	8.25
26 27 26 00-0196	EA	20 A, 120/277 V, SPST Hospitay Grade Switch	24.17	10.30
26 27 26 00-0197		**Plates And Covers** *(26 27 26)*		
26 27 26 00-0198		**Wall Plates** *(26 27 26 00-0197)*		
26 27 26 00-0199		**Nylon Wall Plates** *(26 27 26 00-0198)*		
26 27 26 00-0200	EA	1 Gang Nylon Switch Plate	1.18	0.41
26 27 26 00-0201	EA	2 Gang Nylon Switch Plate	1.95	0.62
26 27 26 00-0202	EA	3 Gang Nylon Switch Plate	2.77	0.82
26 27 26 00-0203	EA	4 Gang Nylon Switch Plate	3.90	1.03
26 27 26 00-0204	EA	1 Gang Duplex Nylon Wall Plate	1.19	0.41
26 27 26 00-0205	EA	2 Gang Duplex Nylon Wall Plate	1.99	0.62
26 27 26 00-0206		**Plastic Wall Plates** *(26 27 26 00-0198)*		
26 27 26 00-0207	EA	1 Gang Plastic Switch Plate	1.11	0.41
26 27 26 00-0208	EA	2 Gang Plastic Switch Plate	1.81	0.62
26 27 26 00-0209	EA	3 Gang Plastic Switch Plate	2.54	0.82
26 27 26 00-0210	EA	4 Gang Plastic Switch Plate	3.90	1.03
26 27 26 00-0211	EA	1 Gang Duplex Plastic Wall Plate	1.11	0.41
26 27 26 00-0212	EA	2 Gang Duplex Plastic Wall Plate	1.81	0.62
26 27 26 00-0213		**Brass Wall Plates** *(26 27 26 00-0198)*		
26 27 26 00-0214	EA	1 Gang 0.04" Brass Switch Plate	10.50	1.86
26 27 26 00-0215	EA	2 Gang 0.04" Brass Switch Plate	19.04	2.15
26 27 26 00-0216	EA	3 Gang 0.04" Brass Switch Plate	27.47	2.40
26 27 26 00-0217	EA	4 Gang 0.04" Brass Switch Plate	42.19	2.60
26 27 26 00-0218	EA	5 Gang 0.04" Brass Switch Plate	51.19	2.77
26 27 26 00-0219	EA	6 Gang 0.04" Brass Switch Plate	59.10	2.89
26 27 26 00-0220	EA	1 Gang 0.04" Brass Duplex Receptacle Wall Plate	10.50	1.86
26 27 26 00-0221	EA	2 Gang 0.04" Brass Duplex Receptacle Wall Plate	22.13	2.15
26 27 26 00-0222	EA	3 Gang 0.04" Brass Duplex Receptacle Wall Plate	31.55	2.40
26 27 26 00-0223		**Stainless Steel Wall Plates** *(26 27 26 00-0198)*		
26 27 26 00-0224	EA	1 Gang, 302 Stainless Steel Switch Plate With Satin Finish	6.04	1.86
26 27 26 00-0225	EA	2 Gang, 302 Stainless Steel Switch Plate With Satin Finish	9.28	2.15
26 27 26 00-0226	EA	3 Gang, 302 Stainless Steel Switch Plate With Satin Finish	12.66	2.40
26 27 26 00-0227	EA	4 Gang, 302 Stainless Steel Switch Plate With Satin Finish	18.13	2.60
26 27 26 00-0228	EA	5 Gang, 302 Stainless Steel Switch Plate With Satin Finish	21.21	2.77
26 27 26 00-0229	EA	6 Gang, 302 Stainless Steel Switch Plate With Satin Finish	25.43	2.89
26 27 26 00-0230	EA	1 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish	6.53	1.86
26 27 26 00-0231	EA	2 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish	10.44	2.15
26 27 26 00-0232	EA	3 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish	16.49	2.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0233	EA	4 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish	19.79	2.60
26 27 26 00-0234		**Chrome Wall Plates** *(26 27 26 00-0198)*		
26 27 26 00-0235	EA	1 Gang 0.040" Chrome Switch Plate With Chromium Finish	20.11	1.86
26 27 26 00-0236	EA	2 Gang 0.040" Chrome Switch Plate With Chromium Finish	37.04	2.15
26 27 26 00-0237	EA	3 Gang 0.040" Chrome Switch Plate With Chromium Finish	53.92	2.40
26 27 26 00-0238	EA	1 Gang 0.040" Chrome Duplex Receptacle Wall Plate With Chromium Finish	20.10	1.86
26 27 26 00-0239		**Thermoplastic Wall Plates (Hospital Grade)** *(26 27 26 00-0198)*		
26 27 26 00-0240	EA	1 Gang Thermoplastic Hospital Grade Switch Plate	4.56	0.41
26 27 26 00-0241	EA	2 Gang Thermoplastic Hospital Grade Switch Plate	5.58	0.62
26 27 26 00-0242	EA	3 Gang Thermoplastic Hospital Grade Switch Plate	8.69	0.82
26 27 26 00-0243	EA	4 Gang Thermoplastic Hospital Grade Switch Plate	12.61	1.03
26 27 26 00-0244	EA	1 Gang Duplex Thermoplastic Hospital Grade Wall Plate	6.62	0.41
26 27 26 00-0245	EA	2 Gang Duplex Thermoplastic Hospital Grade Wall Plate	10.40	0.62
26 27 26 00-0246		**Weatherproof Covers** *(26 27 26 00-0197)*		
26 27 26 00-0247		**Stamped Metallic Weatherproof Covers** *(26 27 26 00-0246)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0248	EA	Blank Cover, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FBC)	7.73	0.41
26 27 26 00-0249	EA	Duplex Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FAC)	8.37	0.41
26 27 26 00-0250	EA	Single Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FRC)	8.37	0.41
26 27 26 00-0251	EA	Toggle Switch, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FTC)	8.37	0.41
26 27 26 00-0252	EA	Blank Cover, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FBC)	10.28	0.62
26 27 26 00-0253	EA	Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FAC)	11.66	0.62
26 27 26 00-0254	EA	Single Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FRC)	11.80	0.62
26 27 26 00-0255	EA	Toggle Switch, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTC)	11.80	0.62
26 27 26 00-0256	EA	Toggle Switch And Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTAC)	16.01	0.62
26 27 26 00-0257	EA	Blank Cover, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FB)	15.22	0.82
26 27 26 00-0258	EA	Toggle Switch, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FT)	16.63	0.82
26 27 26 00-0259		**Cast Metallic Weatherproof Covers** *(26 27 26 00-0246)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0260	EA	Blank Cover, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSBC)	9.45	0.41
26 27 26 00-0261	EA	Duplex Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLA)	30.05	0.41
26 27 26 00-0262	EA	Single Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLR)	33.69	0.41
26 27 26 00-0263	EA	Guarded Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSTG)	9.38	0.41
26 27 26 00-0264	EA	Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLT)	25.48	0.41
26 27 26 00-0265	EA	Lever Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSPT)	42.35	0.41
26 27 26 00-0266	EA	Plunger Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FST)	53.90	0.41
26 27 26 00-0267	EA	Blank Cover, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FSBC)	11.80	0.62
26 27 26 00-0268	EA	Plunger Operated Toggle Switch, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FST)	85.14	0.62
26 27 26 00-0269	EA	Blank Cover, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FSBC)	19.74	0.82
26 27 26 00-0270	EA	Plunger Operated Toggle Switch, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FST)	81.39	0.82
26 27 26 00-0271		**Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0246)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0272	EA	Duplex Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5027)	3.31	0.41
26 27 26 00-0273	EA	Single Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5026)	4.23	0.41
26 27 26 00-0274	EA	Duplex Receptacles, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5032)	5.68	0.62
26 27 26 00-0275	EA	Toggle Switch, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5041)	6.16	0.62
26 27 26 00-0276	EA	Toggle Switch And Duplex Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5042)	6.16	0.62
26 27 26 00-0277	EA	Toggle Switch And Single Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5043)	6.84	0.62
26 27 26 00-0278		**Heavy Duty Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0246)*		
		Note: Includes baked on lacquer finish and neoprene gasket.		
26 27 26 00-0279	EA	Duplex Receptacle, Single Gang, Heavy Duty Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Pass & Seymour Legrand® 4510)	33.01	0.41
26 27 26 00-0280		**Polycarbonate Weatherproof Covers** *(26 27 26 00-0246)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0281	EA	Toggle Switch, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	6.72	0.41
26 27 26 00-0282	EA	Duplex Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	6.72	0.41
26 27 26 00-0283	EA	Single Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	6.72	0.41
26 27 26 00-0284	EA	Duplex Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	8.33	0.62
26 27 26 00-0285	EA	Toggle Switch And Single Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	8.33	0.62
26 27 26 00-0286		**High Impact Thermoplastic Weatherproof Covers** *(26 27 26 00-0246)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0287	EA	Duplex Receptacle, Single Gang, High Impact Thermoplastic Weatherproof Cover With Self Closing Lid (Hubbell® HBL522)	44.46	0.41

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0288		Non Metallic (PVC) Weatherproof Covers *(26 27 26 00-0246)* Note: Includes neoprene gasket.		
26 27 26 00-0289	EA	Blank Cover, Single Gang, Non Metallic (PVC) Weatherproof Cover	727.40	0.41
26 27 26 00-0290	EA	Blank Cover, Two Gang, Non Metallic (PVC) Weatherproof Cover	749.37	0.62
26 27 26 00-0291	EA	Toggle Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	730.00	0.41
26 27 26 00-0292	EA	Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	1,698.41	0.41
26 27 26 00-0293	EA	Duplex Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	1,980.75	0.41
26 27 26 00-0294	EA	20 Amp Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	1,591.51	0.41
26 27 26 00-0295	EA	30 Amp Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	1,166.95	0.41
26 27 26 00-0296	EA	50 Amp Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	1,378.41	0.41
26 27 26 00-0297	EA	Plunger Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	1,224.53	0.41
26 27 26 00-0298	EA	Double Duplex Receptacle, Two Gang, Non Metallic (PVC) Weatherproof Cover	1,758.85	0.62
26 27 26 00-0299		Removal And Reinstallation Of Wiring Devices *(26 27 26)* Note: Includes storage and cleaning.		
26 27 26 00-0300	EA	Remove And Reinstall Receptacle, Switch, Outlet Or Special System Device	54.24	
26 27 26 00-0301	EA	Remove And Reinstall Receptacle Or Switch Outlet Cover Plate	6.88	
26 27 26 00-0302		Relay Systems *(26 27 26)*		
26 27 26 00-0303	EA	Relay 2 Position, 10 A, 24 V Coil	56.92	18.55
26 27 26 00-0304	EA	Industrial Control Relay 20 A, 120 V Coil Up To 4 Contacts	229.74	61.83
26 27 26 00-0305	EA	Industrial Control Relay 20 A 120 V Coil 12 Contacts	377.21	82.45
26 27 26 00-0306		Limit Switches *(26 27 26)*		
26 27 26 00-0307		Heavy Duty Precision Oiltight *(26 27 26 00-0306)*		
26 27 26 00-0308		Lever Arm, Plunger, Wobble Stick Type *(26 27 26 00-0307)*		
26 27 26 00-0309	EA	Limit Switch, Heavy Duty, Lever Arm Weatherproof, 10 Amp Rated	268.50	51.94
26 27 26 00-0310		In Line Midget Fuseholders *(26 27 26)* See CSI section 26 28 13 00-0078 for fuses.		
26 27 26 00-0311	EA	Single Pole Water Resistant In Line Midget Fuseholder	52.85	
26 27 26 00-0312	EA	Double Pole Water Resistant In Line Midget Fuseholder	110.96	
26 27 73		**Door Chimes** *(26 27)*		
26 27 73 00-0001		Door Chimes *(26 27 73)*		
26 27 73 00-0002	EA	Door Bell, Push-button And Transformer - Complete	413.70	171.74
26 27 73 00-0003	EA	Visual Flashing Doorbell Indicator, Wire To Existing System - Complete	148.34	41.22
26 27 73 00-0004	EA	Replacement Bell/Buzzer - Complete Note: Includes removal of existing.	62.87	20.61
26 28		**Low-Voltage Circuit Protective Devices** *(26 20)*		
26 28 13		**Fuses** *(26 28)*		
26 28 13 00-0001		125 VAC, Type T Dual Element, Time Delay, Edison Base Plug Fuses *(26 28 13)*		
26 28 13 00-0002	EA	1 Amp, 125 VAC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	17.20	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0003	EA	2 Amp, 125 VAC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	16.88	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0004	EA	3 Amp, 125 VAC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	16.44	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0005	EA	5 Amp, 125 VAC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	16.38	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0006	EA	6 Amp, 125 VAC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	16.79	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0007	EA	8 Amp, 125 VAC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	16.00	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0008	EA	10 Amp, 125 VAC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	15.81	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0009	EA	15 Amp, 125 VAC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	14.26	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0010	EA	20 Amp, 125 VAC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	14.03	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0011	EA	25 Amp, 125 VAC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	14.48	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0012	EA	30 Amp, 125 VAC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	14.17	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0013		Class RK1, Time Delay Fuses *(26 28 13)*		
26 28 13 00-0014		250 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*		
26 28 13 00-0015	EA	1 Amp, 250 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	24.80	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0016	EA	2 Amp, 250 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	23.40	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0017	EA	3 Amp, 250 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	24.37	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0018	EA	4 Amp, 250 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	24.24	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0019	EA	5 Amp, 250 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	23.27	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0020	EA	10 Amp, 250 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	22.69	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0021	EA	15 Amp, 250 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	21.14	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0022	EA	20 Amp, 250 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	21.02	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0023	EA	25 Amp, 250 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	21.15	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0024	EA	30 Amp, 250 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	20.99	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0025	EA	35 Amp, 250 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	27.57	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0026	EA	40 Amp, 250 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	27.11	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0027	EA	45 Amp, 250 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	27.46	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0028	EA	50 Amp, 250 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	27.17	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0029	EA	60 Amp, 250 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	26.75	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0030		250 VAC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*		
26 28 13 00-0031	EA	70 Amp, 250 VAC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	47.52	7.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 28 13 00-0032	EA	80 Amp, 250 VAC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	47.29	7.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 28 13 00-0033	EA	90 Amp, 250 VAC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	52.02	7.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 28 13 00-0034	EA	100 Amp, 250 VAC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	46.92	7.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 28 13 00-0035	EA	110 Amp, 250 VAC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	124.72	7.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 28 13 00-0036	EA	125 Amp, 250 VAC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	92.51	7.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 28 13 00-0037	EA	150 Amp, 250 VAC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	85.85	8.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 28 13 00-0038	EA	200 Amp, 250 VAC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	90.14	8.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 28 13 00-0039	EA	250 Amp, 250 VAC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	164.26	8.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 28 13 00-0040	EA	300 Amp, 250 VAC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	177.52	10.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 28 13 00-0041	EA	350 Amp, 250 VAC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	190.36	10.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 28 13 00-0042	EA	400 Amp, 250 VAC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	148.25	10.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 28 13 00-0043	EA	450 Amp, 250 VAC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	321.97	10.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 28 13 00-0044	EA	500 Amp, 250 VAC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	306.54	12.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.16*	
26 28 13 00-0045	EA	600 Amp, 250 VAC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	240.89	12.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.16*	
26 28 13 00-0046		600 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*		
26 28 13 00-0047	EA	1 Amp, 600 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	36.31	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0048	EA	2 Amp, 600 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	34.08	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0049	EA	3 Amp, 600 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	32.22	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0050	EA	4 Amp, 600 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	32.83	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0051	EA	5 Amp, 600 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	32.30	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0052	EA	10 Amp, 600 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	32.49	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0053	EA	15 Amp, 600 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	30.46	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0054	EA	20 Amp, 600 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	30.25	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0055	EA	25 Amp, 600 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	29.98	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0056	EA	30 Amp, 600 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	30.38	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0057	EA	35 Amp, 600 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	42.45	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0058	EA	40 Amp, 600 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	42.55	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	

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26 28 13 00-0059	EA	45 Amp, 600 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	41.79	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0060	EA	50 Amp, 600 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	42.15	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0061	EA	60 Amp, 600 VAC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	42.46	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	

26 28 13 00-0062 600 VAC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

26 28 13 00-0063	EA	70 Amp, 600 VAC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	77.32	7.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 28 13 00-0064	EA	80 Amp, 600 VAC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	79.57	8.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 28 13 00-0065	EA	90 Amp, 600 VAC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	79.17	8.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 28 13 00-0066	EA	100 Amp, 600 VAC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	79.49	8.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 28 13 00-0067	EA	110 Amp, 600 VAC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	141.33	8.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 28 13 00-0068	EA	125 Amp, 600 VAC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	143.39	8.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 28 13 00-0069	EA	150 Amp, 600 VAC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	142.81	10.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 28 13 00-0070	EA	200 Amp, 600 VAC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	142.47	10.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 28 13 00-0071	EA	250 Amp, 600 VAC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	265.73	10.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.68*	
26 28 13 00-0072	EA	300 Amp, 600 VAC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	268.77	12.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.16*	
26 28 13 00-0073	EA	350 Amp, 600 VAC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	302.06	12.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.16*	
26 28 13 00-0074	EA	400 Amp, 600 VAC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	274.43	12.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.16*	
26 28 13 00-0075	EA	450 Amp, 600 VAC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	486.56	12.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.16*	
26 28 13 00-0076	EA	500 Amp, 600 VAC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	436.01	14.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 28 13 00-0077	EA	600 Amp, 600 VAC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	381.52	14.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	

26 28 13 00-0078 600 VAC, Class CC Midget Fuses *(26 28 13)*

Note: 250/300 VDC.

26 28 13 00-0079	EA	1 Amp, 600 VAC, Class CC Midget Fuse	27.98	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0080	EA	2 Amp, 600 VAC, Class CC Midget Fuse	28.35	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0081	EA	3 Amp, 600 VAC, Class CC Midget Fuse	28.24	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0082	EA	5 Amp, 600 VAC, Class CC Midget Fuse	28.12	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0083	EA	6 Amp, 600 VAC, Class CC Midget Fuse	29.87	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0084	EA	8 Amp, 600 VAC, Class CC Midget Fuse	27.07	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0085	EA	10 Amp, 600 VAC, Class CC Midget Fuse	30.36	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0086	EA	15 Amp, 600 VAC, Class CC Midget Fuse	28.13	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0087	EA	20 Amp, 600 VAC, Class CC Midget Fuse	27.68	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0088	EA	25 Amp, 600 VAC, Class CC Midget Fuse	26.63	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 28 13 00-0089	EA	30 Amp, 600 VAC, Class CC Midget Fuse	27.52	5.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	

26 28 13 00-0090 200,000 Ampere Interrupting Capacity, 600 VAC, Class J Bolted Fuse *(26 28 13)*

26 28 13 00-0091	EA	1 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	33.61	4.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 28 13 00-0092	EA	3 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	33.86	4.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 28 13 00-0093	EA	6 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	29.98	4.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.97*	
26 28 13 00-0094	EA	10 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	30.50	6.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 28 13 00-0095	EA	15 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	31.09	6.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 28 13 00-0096	EA	20 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	30.57	6.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 28 13 00-0097	EA	25 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	39.14	8.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 28 13 00-0098	EA	30 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	33.32	8.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 28 13 00-0099	EA	35 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	55.04	8.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 28 13 00-0100	EA	40 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	47.56	8.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	

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26 28 13 00-0101	EA	45 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	53.89	8.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 28 13 00-0102	EA	50 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	49.42	10.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 28 13 00-0103	EA	60 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	48.61	10.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 28 13 00-0104	EA	70 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	73.57	12.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 28 13 00-0105	EA	80 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	78.01	12.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 28 13 00-0106	EA	90 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	76.88	12.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 28 13 00-0107	EA	100 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	69.21	14.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	
26 28 13 00-0108	EA	110 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	152.04	14.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	
26 28 13 00-0109	EA	125 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	130.34	14.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	
26 28 13 00-0110	EA	150 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	125.70	16.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 28 13 00-0111	EA	175 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	127.43	16.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 28 13 00-0112	EA	200 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	107.24	16.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 28 13 00-0113	EA	225 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	258.24	16.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 28 13 00-0114	EA	250 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	239.40	16.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 28 13 00-0115	EA	300 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	221.26	16.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 28 13 00-0116	EA	350 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	240.56	16.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 28 13 00-0117	EA	400 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	201.15	18.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 28 13 00-0118	EA	450 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	416.49	18.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 28 13 00-0119	EA	500 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	356.02	20.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 28 13 00-0120	EA	600 Amp, 600 VAC, 200 kAmp I.R., Class J Bolted Fuse	267.55	20.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	

26 28 13 00-0121 600 VAC, 200 kAmp I.R., Class L Bolted Fuses *(26 28 13)*

26 28 13 00-0122	EA	100 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	783.84	10.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 28 13 00-0123	EA	150 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	785.38	10.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 28 13 00-0124	EA	200 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	786.81	10.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 28 13 00-0125	EA	250 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	785.44	12.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 28 13 00-0126	EA	300 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	723.91	12.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 28 13 00-0127	EA	350 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	775.24	14.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	
26 28 13 00-0128	EA	400 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	714.16	14.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	
26 28 13 00-0129	EA	450 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	797.81	14.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	
26 28 13 00-0130	EA	500 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	782.40	14.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	
26 28 13 00-0131	EA	600 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	697.92	16.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 28 13 00-0132	EA	601 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	716.46	16.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 28 13 00-0133	EA	650 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	949.47	16.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 28 13 00-0134	EA	700 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	694.56	16.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 28 13 00-0135	EA	750 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	1,062.72	18.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 28 13 00-0136	EA	800 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	616.58	18.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 28 13 00-0137	EA	900 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	895.53	18.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 28 13 00-0138	EA	1000 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	606.38	18.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 28 13 00-0139	EA	1200 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	624.12	18.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 28 13 00-0140	EA	1350 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	1,374.52	18.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 28 13 00-0141	EA	1400 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	1,355.36	18.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 28 13 00-0142	EA	1500 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	1,223.88	18.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 28 13 00-0143	EA	1600 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	769.80	20.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 28 13 00-0144	EA	1800 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	1,618.26	20.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0145		EA	2000 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	1,040.24	20.61
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 28 13 00-0146		EA	2500 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	1,402.09	20.61
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 28 13 00-0147		EA	2501 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	2,380.20	20.61
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 28 13 00-0148		EA	3000 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	1,562.85	22.67
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.60*	
26 28 13 00-0149		EA	3500 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	3,218.02	22.67
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.60*	
26 28 13 00-0150		EA	3800 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	3,731.93	22.67
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.60*	
26 28 13 00-0151		EA	4000 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	2,163.45	22.67
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.60*	
26 28 13 00-0152		EA	5000 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	3,406.72	22.67
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.60*	
26 28 13 00-0153		EA	6000 Amp, 600 VAC, 200 kAmp I.R., Class L Bolted Fuse	5,630.91	22.67
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.60*	

26 28 16 Enclosed Switches And Circuit Breakers *(26 28)*

26 28 16 00-0001 Motor And Circuit Disconnects *(26 28 16)*

Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the disconnect.

26 28 16 00-0002 Safety Switches, NEMA 1 Enclosure, Neutral Kit *(26 28 16 00-0001)*

26 28 16 00-0003 Heavy Duty Fusible Switches *(26 28 16 00-0002)*

Note: Includes fuses and neutral bar.

26 28 16 00-0004 240 Volt Class, 2 Wire, 2 Blades And Fuseholders *(26 28 16 00-0003)*

26 28 16 00-0005		EA	30 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	281.02	82.45
26 28 16 00-0006		EA	60 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	430.97	99.34
26 28 16 00-0007		EA	100 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	585.11	116.25
26 28 16 00-0008		EA	200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	1,001.89	183.03
26 28 16 00-0009		EA	400 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	2,093.28	284.44
26 28 16 00-0010		EA	600 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	3,476.31	420.47
26 28 16 00-0011		EA	800 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	4,714.47	494.67
26 28 16 00-0012		EA	1200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	6,298.94	577.12

26 28 16 00-0013 600 Volt Class, 2 Wire, 2 Blades And Fuseholders *(26 28 16 00-0003)*

26 28 16 00-0014		EA	30 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	415.70	91.60
26 28 16 00-0015		EA	60 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	501.49	110.40
26 28 16 00-0016		EA	100 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	781.06	129.03
26 28 16 00-0017		EA	200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	1,159.43	203.64
26 28 16 00-0018		EA	400 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	2,484.47	315.93
26 28 16 00-0019		EA	600 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	3,863.83	466.97
26 28 16 00-0020		EA	800 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	5,663.74	549.34
26 28 16 00-0021		EA	1200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	7,699.18	641.26

26 28 16 00-0022 240 Volt Class, 3 Wire, 2 Blades And Fuseholders *(26 28 16 00-0003)*

26 28 16 00-0023		EA	30 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	404.16	129.44
26 28 16 00-0024		EA	60 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	588.73	171.90
26 28 16 00-0025		EA	100 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	778.36	190.86
26 28 16 00-0026		EA	200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	1,230.12	298.86
26 28 16 00-0027		EA	400 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	2,509.16	490.54
26 28 16 00-0028		EA	600 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	4,041.68	687.18

26 28 16 00-0029 600 Volt Class, 3 Wire, 3 Blades And Fuseholders *(26 28 16 00-0003)*

26 28 16 00-0030		EA	30 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	518.75	143.04
26 28 16 00-0031		EA	60 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	662.50	190.86
26 28 16 00-0032		EA	100 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	952.51	214.77
26 28 16 00-0033		EA	200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	1,406.41	327.31
26 28 16 00-0034		EA	400 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	3,061.16	528.47
26 28 16 00-0035		EA	600 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	4,895.06	763.44
26 28 16 00-0036		EA	800 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	7,679.83	906.90
26 28 16 00-0037		EA	1200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	9,771.11	1,030.56

26 28 16 00-0038 240 Volt Class, 4 Wire, 3 Blades And Fuseholders *(26 28 16 00-0003)*

26 28 16 00-0039		EA	30 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	393.01	129.44
26 28 16 00-0040		EA	60 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	574.32	171.90
26 28 16 00-0041		EA	100 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	752.13	190.86
26 28 16 00-0042		EA	200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	1,266.19	298.86
26 28 16 00-0043		EA	400 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	2,712.40	490.54
26 28 16 00-0044		EA	600 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	4,347.46	687.18
26 28 16 00-0045		EA	800 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	7,098.86	865.68
26 28 16 00-0046		EA	1200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	8,726.15	989.35

26 28 16 00-0047 600 Volt Class, 4 Wire, 3 Blades And Fuseholders *(26 28 16 00-0003)*

26 28 16 00-0048		EA	30 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	559.67	143.04
26 28 16 00-0049		EA	60 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	712.79	190.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0050	EA	100 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	1,026.05	214.77
26 28 16 00-0051	EA	200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	1,516.49	327.31
26 28 16 00-0052	EA	400 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	3,296.03	528.47
26 28 16 00-0053	EA	600 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	5,309.86	763.44
26 28 16 00-0054	EA	800 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	8,368.51	906.90
26 28 16 00-0055	EA	1200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	10,515.02	1,030.56

26 28 16 00-0056 Heavy Duty Non-Fusible Switches *(26 28 16 00-0002)*

26 28 16 00-0057 240 Volt Class, 2 Wire, 2 Blades *(26 28 16 00-0056)*

26 28 16 00-0058	EA	30 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 1 Phase	273.97	119.30
26 28 16 00-0059	EA	60 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 1 Phase	420.79	165.96
26 28 16 00-0060	EA	100 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 1 Phase	570.51	190.86
26 28 16 00-0061	EA	200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 1 Phase	895.22	305.38
26 28 16 00-0062	EA	400 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 1 Phase	1,779.49	508.93
26 28 16 00-0063	EA	600 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 1 Phase	2,875.18	694.02
26 28 16 00-0064	EA	800 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 1 Phase	4,067.07	824.45
26 28 16 00-0065	EA	1200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 1 Phase	5,339.12	962.21

26 28 16 00-0066 600 Volt Class, 2 Wire, 2 Blades *(26 28 16 00-0056)*

26 28 16 00-0067	EA	30 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 1 Phase	302.58	131.67
26 28 16 00-0068	EA	60 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 1 Phase	476.04	186.24
26 28 16 00-0069	EA	100 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 1 Phase	643.92	212.05
26 28 16 00-0070	EA	200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 1 Phase	999.98	331.93
26 28 16 00-0071	EA	400 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 1 Phase	1,914.39	545.29
26 28 16 00-0072	EA	600 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 1 Phase	3,179.67	763.36
26 28 16 00-0073	EA	800 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 1 Phase	4,488.05	824.45
26 28 16 00-0074	EA	1200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 1 Phase	5,915.64	962.21

26 28 16 00-0075 240 Volt Class, 3 Wire, 3 Blades *(26 28 16 00-0056)*

26 28 16 00-0076	EA	30 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	323.78	107.18
26 28 16 00-0077	EA	60 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	490.07	149.23
26 28 16 00-0078	EA	100 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	650.19	171.90
26 28 16 00-0079	EA	200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,023.36	274.96
26 28 16 00-0080	EA	400 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	2,014.96	457.98
26 28 16 00-0081	EA	600 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	3,206.37	624.52
26 28 16 00-0082	EA	800 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	5,395.17	742.01
26 28 16 00-0083	EA	1200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	6,993.41	865.68

26 28 16 00-0084 480 Volt Class, 3 Wire, 3 Blades *(26 28 16 00-0056)*

26 28 16 00-0085	EA	30 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	353.74	118.31
26 28 16 00-0086	EA	60 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	540.16	167.78
26 28 16 00-0087	EA	100 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	710.26	190.86
26 28 16 00-0088	EA	200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	1,104.97	298.86
26 28 16 00-0089	EA	400 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	2,158.87	490.54
26 28 16 00-0090	EA	600 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	3,471.08	687.18
26 28 16 00-0091	EA	800 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	5,673.48	742.01

26 28 16 00-0092 600 Volt Class, 3 Wire, 3 Blades *(26 28 16 00-0056)*

26 28 16 00-0093	EA	30 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	374.50	118.48
26 28 16 00-0094	EA	60 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	575.57	167.61
26 28 16 00-0095	EA	100 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	767.86	190.86
26 28 16 00-0096	EA	200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,193.69	298.70
26 28 16 00-0097	EA	400 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	2,282.96	490.71
26 28 16 00-0098	EA	600 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	3,838.33	687.02
26 28 16 00-0099	EA	800 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	6,092.94	742.01
26 28 16 00-0100	EA	1200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	7,932.73	865.68

26 28 16 00-0101 240 Volt Class, 4 Wire, 4 Blades *(26 28 16 00-0056)*

26 28 16 00-0102	EA	30 A, Non-Fused , NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	523.24	107.34
26 28 16 00-0103	EA	60 A, Non-Fused , NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	639.66	149.39
26 28 16 00-0104	EA	100 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	958.73	171.74
26 28 16 00-0105	EA	200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,445.34	274.79

26 28 16 00-0106 480 Volt Class, 4 Wire, 4 Blades *(26 28 16 00-0056)*

26 28 16 00-0107	EA	30 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	567.50	118.31
26 28 16 00-0108	EA	60 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	700.45	167.78
26 28 16 00-0109	EA	100 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	1,040.85	190.86
26 28 16 00-0110	EA	200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	1,557.11	298.86

26 28 16 00-0111 600 Volt Class, 4 Wire, 4 Blades *(26 28 16 00-0056)*

26 28 16 00-0112	EA	30 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	625.30	118.48
26 28 16 00-0113	EA	60 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	764.21	167.61
26 28 16 00-0114	EA	100 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,155.50	190.86
26 28 16 00-0115	EA	200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,724.12	298.70

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0116		General Duty Fusible Switches *(26 28 16 00-0002)* Note: Includes fuses and neutral bar.		
26 28 16 00-0117		240 Volt Class, 2 Wire, 1 Blade And Fuseholder *(26 28 16 00-0116)*		
26 28 16 00-0118	EA	30 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole	200.56	71.73
26 28 16 00-0119	EA	60 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole	269.02	86.32
26 28 16 00-0120	EA	100 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole	401.57	100.92
26 28 16 00-0121	EA	200 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole	732.74	159.20
26 28 16 00-0122	EA	400 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole	1,692.26	246.93
26 28 16 00-0123	EA	600 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole	3,127.81	365.48
26 28 16 00-0124		240 Volt Class, 3 Wire, 2 Blades And Fuseholders *(26 28 16 00-0116)*		
26 28 16 00-0125	EA	30 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase	282.40	112.70
26 28 16 00-0126	EA	60 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase	394.88	149.39
26 28 16 00-0127	EA	100 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase	531.66	165.96
26 28 16 00-0128	EA	200 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase	934.58	259.78
26 28 16 00-0129	EA	400 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase	2,053.40	426.74
26 28 16 00-0130	EA	600 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase	3,594.72	597.39
26 28 16 00-0131		240 Volt Class, 4 Wire, 3 Blades And Fuseholders *(26 28 16 00-0116)*		
26 28 16 00-0132	EA	30 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase	309.37	112.70
26 28 16 00-0133	EA	60 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase	438.36	149.39
26 28 16 00-0134	EA	100 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase	571.22	165.96
26 28 16 00-0135	EA	200 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase	1,034.26	259.78
26 28 16 00-0136	EA	400 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase	2,223.78	426.74
26 28 16 00-0137	EA	600 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase	3,702.73	597.39
26 28 16 00-0138		General Duty Non-Fusible Switches *(26 28 16 00-0002)*		
26 28 16 00-0139		240 Volt Class, 2 Wire, 2 Blades *(26 28 16 00-0138)*		
26 28 16 00-0140	EA	60 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 1 Phase	274.73	99.75
26 28 16 00-0141	EA	100 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 1 Phase	358.75	114.68
26 28 16 00-0142	EA	200 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 1 Phase	781.16	183.27
26 28 16 00-0143	EA	400 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 1 Phase	1,641.60	305.05
26 28 16 00-0144	EA	600 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 1 Phase	2,798.69	415.69
26 28 16 00-0145		240 Volt Class, 3 Wire, 3 Blades *(26 28 16 00-0138)*		
26 28 16 00-0146	EA	30 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 3 Phase	259.20	93.33
26 28 16 00-0147	EA	60 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 3 Phase	355.92	129.85
26 28 16 00-0148	EA	100 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 3 Phase	522.86	149.39
26 28 16 00-0149	EA	200 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 3 Phase	893.01	239.01
26 28 16 00-0150	EA	400 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 3 Phase	1,828.73	398.38
26 28 16 00-0151	EA	600 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 3 Phase	3,054.50	542.98
26 28 16 00-0152		Safety Switches, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs *(26 28 16 00-0001)*		
26 28 16 00-0153		Heavy Duty Fusible Switches *(26 28 16 00-0152)* Note: With fuses, neutral bar, and hub if required.		
26 28 16 00-0154		240 Volt Class, 2 Wire, 2 Blades And Fuseholders *(26 28 16 00-0153)*		
26 28 16 00-0155	EA	30 A, Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	403.43	96.88
26 28 16 00-0156	EA	60 A, Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	627.22	116.25
26 28 16 00-0157	EA	100 A, Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	780.05	135.21
26 28 16 00-0158	EA	200 A, Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	1,144.97	206.11
26 28 16 00-0159	EA	400 A, Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	2,481.70	329.78
26 28 16 00-0160	EA	600 A, Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	4,296.39	439.85
26 28 16 00-0161	EA	800 A, Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	6,378.31	494.67
26 28 16 00-0162	EA	1200 A, Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	8,421.71	577.12
26 28 16 00-0163		600 Volt Class, 2 Wire, 2 Blades And Fuseholders *(26 28 16 00-0153)*		
26 28 16 00-0164	EA	30 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 1 Phase	679.87	129.11
26 28 16 00-0165	EA	60 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 1 Phase	811.32	158.30
26 28 16 00-0166	EA	100 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 1 Phase	1,135.06	181.79
26 28 16 00-0167	EA	200 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 1 Phase	1,605.57	272.64
26 28 16 00-0168	EA	400 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 1 Phase	3,437.44	446.11
26 28 16 00-0169	EA	600 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 1 Phase	6,241.84	613.47
26 28 16 00-0170	EA	800 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 1 Phase	9,101.94	706.39
26 28 16 00-0171	EA	1200 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 1 Phase	10,033.25	795.18
26 28 16 00-0172		240 Volt Class, 3 Wire, 2 Blades And Fuseholders *(26 28 16 00-0153)*		
26 28 16 00-0173	EA	30 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase	525.82	152.52
26 28 16 00-0174	EA	60 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase	819.15	201.99
26 28 16 00-0175	EA	100 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase	978.87	221.78
26 28 16 00-0176	EA	200 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase	1,457.17	343.38
26 28 16 00-0177	EA	400 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase	3,085.80	572.58
26 28 16 00-0178	EA	600 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase	5,073.83	763.44

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0179		**600 Volt Class, 3 Wire, 3 Blades And Fuseholders** *(26 28 16 00-0153)*		
26 28 16 00-0180	EA	30 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase	784.49	180.81
26 28 16 00-0181	EA	60 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase	938.28	221.61
26 28 16 00-0182	EA	100 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase	1,239.96	254.42
26 28 16 00-0183	EA	200 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase	1,805.87	381.72
26 28 16 00-0184	EA	400 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase	3,734.09	624.61
26 28 16 00-0185	EA	600 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase	6,641.53	858.83
26 28 16 00-0186	EA	800 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase	9,314.64	989.35
26 28 16 00-0187	EA	1200 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase	11,122.78	1,113.00
26 28 16 00-0188		**240 Volt Class, 4 Wire, 3 Blades And Fuseholders** *(26 28 16 00-0153)*		
26 28 16 00-0189	EA	30 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase	571.55	152.52
26 28 16 00-0190	EA	60 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase	820.48	201.99
26 28 16 00-0191	EA	100 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase	1,043.17	221.78
26 28 16 00-0192	EA	200 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase	1,500.05	343.38
26 28 16 00-0193	EA	400 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase	3,125.14	572.58
26 28 16 00-0194	EA	600 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase	5,506.56	763.44
26 28 16 00-0195	EA	800 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase	9,034.05	865.68
26 28 16 00-0196	EA	1200 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase	11,226.78	989.35
26 28 16 00-0197		**600 Volt Class, 4 Wire, 3 Blades And Fuseholders** *(26 28 16 00-0153)*		
26 28 16 00-0198	EA	30 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase	810.73	180.97
26 28 16 00-0199	EA	60 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase	967.78	221.78
26 28 16 00-0200	EA	100 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase	1,305.53	254.34
26 28 16 00-0201	EA	200 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase	1,848.49	381.72
26 28 16 00-0202	EA	400 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase	3,888.17	624.52
26 28 16 00-0203	EA	600 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase	6,818.56	858.66
26 28 16 00-0204	EA	800 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase	9,872.07	989.35
26 28 16 00-0205	EA	1200 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase	11,857.55	1,113.00
26 28 16 00-0206		**Heavy Duty Non-Fusible Switches** *(26 28 16 00-0152)*		
26 28 16 00-0207		**240 Volt Class, 2 Wire, 2 Blades** *(26 28 16 00-0206)*		
26 28 16 00-0208	EA	30 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 1 Phase	380.28	84.84
26 28 16 00-0209	EA	60 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 1 Phase	612.94	117.48
26 28 16 00-0210	EA	100 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 1 Phase	798.42	134.71
26 28 16 00-0211	EA	200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 1 Phase	1,077.04	218.15
26 28 16 00-0212	EA	400 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 1 Phase	2,351.82	363.91
26 28 16 00-0213	EA	600 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 1 Phase	4,221.18	485.19
26 28 16 00-0214	EA	800 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 1 Phase	6,714.23	577.36
26 28 16 00-0215	EA	1200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 1 Phase	8,824.87	659.80
26 28 16 00-0216		**600 Volt Class, 2 Wire, 2 Blades** *(26 28 16 00-0206)*		
26 28 16 00-0217	EA	30 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 1 Phase	427.38	93.49
26 28 16 00-0218	EA	60 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 1 Phase	693.76	130.84
26 28 16 00-0219	EA	100 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 1 Phase	899.90	147.74
26 28 16 00-0220	EA	200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 1 Phase	1,190.41	229.04
26 28 16 00-0221	EA	400 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 1 Phase	2,657.23	381.72
26 28 16 00-0222	EA	600 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 1 Phase	4,551.80	508.93
26 28 16 00-0223	EA	800 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 1 Phase	7,156.39	604.82
26 28 16 00-0224	EA	1200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 1 Phase	9,401.94	687.02
26 28 16 00-0225		**240 Volt Class, 3 Wire, 3 Blades** *(26 28 16 00-0206)*		
26 28 16 00-0226	EA	30 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 3 Phase	465.10	127.22
26 28 16 00-0227	EA	60 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 3 Phase	730.38	176.19
26 28 16 00-0228	EA	100 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 3 Phase	933.13	202.07
26 28 16 00-0229	EA	200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,295.14	327.23
26 28 16 00-0230	EA	400 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 3 Phase	2,748.65	545.79
26 28 16 00-0231	EA	600 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 3 Phase	4,770.86	727.58
26 28 16 00-0232	EA	800 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 3 Phase	7,363.61	865.68
26 28 16 00-0233	EA	1200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 3 Phase	9,689.73	989.35
26 28 16 00-0234		**480 Volt Class, 3 Wire, 3 Blades** *(26 28 16 00-0206)*		
26 28 16 00-0235	EA	30 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 480 V, 3 Phase	506.10	140.16
26 28 16 00-0236	EA	60 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 480 V, 3 Phase	797.64	196.30
26 28 16 00-0237	EA	100 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 480 V, 3 Phase	1,010.03	221.61
26 28 16 00-0238	EA	200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 480 V, 3 Phase	1,373.65	343.55
26 28 16 00-0239	EA	400 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 480 V, 3 Phase	2,920.37	572.50
26 28 16 00-0240	EA	600 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 480 V, 3 Phase	5,078.84	763.36
26 28 16 00-0241	EA	800 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 480 V, 3 Phase	7,848.20	906.90
26 28 16 00-0242	EA	1200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 480 V, 3 Phase	10,321.62	1,030.56
26 28 16 00-0243		**600 Volt Class, 3 Wire, 3 Blades** *(26 28 16 00-0206)*		
26 28 16 00-0244	EA	30 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 3 Phase	297.49	140.16
26 28 16 00-0245	EA	60 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 3 Phase	824.62	196.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0246	EA	100 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,047.66	221.61
26 28 16 00-0247	EA	200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,419.43	343.55
26 28 16 00-0248	EA	400 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 3 Phase	3,038.92	572.50
26 28 16 00-0249	EA	600 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 3 Phase	5,060.72	763.36
26 28 16 00-0250	EA	800 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 3 Phase	7,838.05	906.90
26 28 16 00-0251	EA	1200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 3 Phase	10,307.81	1,030.56

26 28 16 00-0252 General Duty Fusible Switches *(26 28 16 00-0152)*
Note: With fuses, neutral bar, and hub if required.

26 28 16 00-0253 240 Volt Class, 2 Wire, 1 Blade And Fuseholder *(26 28 16 00-0252)*

26 28 16 00-0254	EA	30 A, Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole	256.25	84.26
26 28 16 00-0255	EA	60 A, Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole	354.80	101.08
26 28 16 00-0256	EA	100 A, Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole	460.86	117.56
26 28 16 00-0257	EA	200 A, Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole	921.61	179.23
26 28 16 00-0258	EA	400 A, Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole	2,197.00	286.75
26 28 16 00-0259	EA	600 A, Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole	3,846.33	382.54

26 28 16 00-0260 240 Volt Class, 3 Wire, 2 Blades And Fuseholders *(26 28 16 00-0252)*

26 28 16 00-0261	EA	30 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase	353.65	132.82
26 28 16 00-0262	EA	60 A Fused Disconnect Switch, NEMA 3R, General Heavy Duty, With Fuses, 240 V, 3 Phase	504.25	175.70
26 28 16 00-0263	EA	100 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase	610.89	192.75
26 28 16 00-0264	EA	200 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase	1,161.13	298.70
26 28 16 00-0265	EA	400 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase	2,620.27	497.80
26 28 16 00-0266	EA	600 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase	4,414.67	664.01

26 28 16 00-0267 240 Volt Class, 4 Wire, 3 Blades And Fuseholders *(26 28 16 00-0252)*

26 28 16 00-0268	EA	30 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase	391.43	132.74
26 28 16 00-0269	EA	60 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase	542.23	175.70
26 28 16 00-0270	EA	100 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase	732.98	192.75
26 28 16 00-0271	EA	200 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase	1,239.95	298.70
26 28 16 00-0272	EA	400 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase	2,670.90	497.89
26 28 16 00-0273	EA	600 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase	4,809.55	664.01
26 28 16 00-0274	EA	800 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase	6,798.58	752.23

26 28 16 00-0275 General Duty Non-Fusible Switches *(26 28 16 00-0152)*

26 28 16 00-0276 240 Volt Class, 2 Wire, 2 Blades *(26 28 16 00-0275)*

26 28 16 00-0277	EA	30 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 1 Phase	230.37	73.79
26 28 16 00-0278	EA	60 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 1 Phase	369.97	102.15
26 28 16 00-0279	EA	100 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 1 Phase	392.61	117.15
26 28 16 00-0280	EA	200 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 1 Phase	942.78	189.63
26 28 16 00-0281	EA	400 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 1 Phase	2,256.65	316.42
26 28 16 00-0282	EA	600 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 1 Phase	3,926.76	421.87

26 28 16 00-0283 240 Volt Class, 3 Wire, 3 Blades *(26 28 16 00-0275)*

26 28 16 00-0284	EA	30 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 3 Phase	358.74	110.64
26 28 16 00-0285	EA	60 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 3 Phase	514.14	153.18
26 28 16 00-0286	EA	100 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 3 Phase	734.36	175.70
26 28 16 00-0287	EA	200 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 3 Phase	1,255.89	284.52

26 28 16 00-0288 Safety Switches, NEMA 4, 4X Or 5 Enclosure, Neutral Kit *(26 28 16 00-0001)*

26 28 16 00-0289 Heavy Duty Fusible Switches *(26 28 16 00-0288)*
Note: With fuses and neutral bar (stainless steel).

26 28 16 00-0290 240 Volt Class, 2 Wire, 2 Blades And Fuseholders *(26 28 16 00-0289)*

26 28 16 00-0291	EA	30 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	1,005.22	82.45
26 28 16 00-0292	EA	60 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	1,207.65	99.34
26 28 16 00-0293	EA	100 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	2,431.09	116.08
26 28 16 00-0294	EA	200 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	3,371.01	183.19
26 28 16 00-0295	EA	400 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	6,819.93	284.27
26 28 16 00-0296	EA	600 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	9,807.52	420.31

26 28 16 00-0297 600 Volt Class, 2 Wire, 2 Blades And Fuseholders *(26 28 16 00-0289)*

26 28 16 00-0298	EA	30 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	1,270.74	91.60
26 28 16 00-0299	EA	60 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	1,416.32	110.31
26 28 16 00-0300	EA	100 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	2,629.78	128.94
26 28 16 00-0301	EA	200 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	3,724.71	203.64
26 28 16 00-0302	EA	400 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	7,090.43	316.09
26 28 16 00-0303	EA	600 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	10,171.81	466.97

26 28 16 00-0304 240 Volt Class, 3 Wire, 3 Blades And Fuseholders *(26 28 16 00-0289)*

26 28 16 00-0305	EA	30 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase	1,143.56	129.60
26 28 16 00-0306	EA	60 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase	1,436.82	171.74
26 28 16 00-0307	EA	100 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase	2,689.37	190.86
26 28 16 00-0308	EA	200 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase	3,833.36	298.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0309	EA	400 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase	7,439.67	490.71
26 28 16 00-0310	EA	600 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase	10,611.99	687.02
26 28 16 00-0311		**600 Volt Class, 3 Wire, 3 Blades And Fuseholders** *(26 28 16 00-0289)*		
26 28 16 00-0312	EA	30 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase	1,377.18	143.12
26 28 16 00-0313	EA	60 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase	1,581.06	190.86
26 28 16 00-0314	EA	100 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase	2,808.62	214.68
26 28 16 00-0315	EA	200 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase	3,982.04	327.15
26 28 16 00-0316	EA	400 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase	7,691.46	528.47
26 28 16 00-0317	EA	600 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase	10,948.91	763.36
26 28 16 00-0318		**240 Volt Class, 4 Wire, 3 Blades And Fuseholders** *(26 28 16 00-0289)*		
26 28 16 00-0319	EA	30 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase	1,357.38	129.60
26 28 16 00-0320	EA	60 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase	1,704.13	171.74
26 28 16 00-0321	EA	100 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase	3,224.25	190.86
26 28 16 00-0322	EA	200 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase	4,564.78	298.70
26 28 16 00-0323	EA	400 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase	8,879.20	490.71
26 28 16 00-0324	EA	600 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase	12,590.26	687.02
26 28 16 00-0325		**600 Volt Class, 4 Wire, 3 Blades And Fuseholders** *(26 28 16 00-0289)*		
26 28 16 00-0326	EA	30 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase	1,629.85	143.12
26 28 16 00-0327	EA	60 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase	1,867.57	190.86
26 28 16 00-0328	EA	100 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase	3,354.60	214.68
26 28 16 00-0329	EA	200 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase	4,719.58	327.15
26 28 16 00-0330	EA	400 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase	9,150.42	528.47
26 28 16 00-0331	EA	600 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase	12,954.15	763.36
26 28 16 00-0332		**Heavy Duty Stainless Steel Non-Fusible Switches** *(26 28 16 00-0288)*		
26 28 16 00-0333		**240 Volt Class, 2 Wire, 2 Blades** *(26 28 16 00-0332)*		
26 28 16 00-0334	EA	30 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 1 Phase	965.77	82.45
26 28 16 00-0335	EA	60 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 1 Phase	1,181.02	114.68
26 28 16 00-0336	EA	100 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 1 Phase	2,190.99	131.92
26 28 16 00-0337	EA	200 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 1 Phase	3,050.52	210.73
26 28 16 00-0338	EA	400 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 1 Phase	5,541.09	350.89
26 28 16 00-0339	EA	600 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 1 Phase	7,926.77	478.02
26 28 16 00-0340		**600 Volt Class, 2 Wire, 2 Blades** *(26 28 16 00-0332)*		
26 28 16 00-0341	EA	30 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 1 Phase	1,097.24	90.93
26 28 16 00-0342	EA	60 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 1 Phase	1,344.69	128.61
26 28 16 00-0343	EA	100 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 1 Phase	2,495.60	146.59
26 28 16 00-0344	EA	200 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 1 Phase	3,462.72	229.04
26 28 16 00-0345	EA	400 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 1 Phase	6,284.53	376.94
26 28 16 00-0346	EA	600 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 1 Phase	9,021.96	527.65
26 28 16 00-0347		**240 Volt Class, 3 Wire, 3 Blades** *(26 28 16 00-0332)*		
26 28 16 00-0348	EA	30 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,015.58	107.34
26 28 16 00-0349	EA	60 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,235.17	149.39
26 28 16 00-0350	EA	100 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,295.11	171.74
26 28 16 00-0351	EA	200 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	2,476.79	274.79
26 28 16 00-0352	EA	400 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	3,545.08	458.06
26 28 16 00-0353	EA	600 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	8,449.49	624.61
26 28 16 00-0354		**600 Volt Class, 3 Wire, 3 Blades** *(26 28 16 00-0332)*		
26 28 16 00-0355	EA	30 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,152.20	118.48
26 28 16 00-0356	EA	60 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,422.67	167.61
26 28 16 00-0357	EA	100 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	2,584.14	190.86
26 28 16 00-0358	EA	200 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	3,602.01	298.70
26 28 16 00-0359	EA	400 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	7,151.39	490.71
26 28 16 00-0360	EA	600 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	9,603.01	687.02
26 28 16 00-0361		**240 Volt Class, 4 Wire, 4 Blades** *(26 28 16 00-0332)*		
26 28 16 00-0362	EA	30 A, Non-Fused , NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,381.13	107.34
26 28 16 00-0363	EA	60 A, Non-Fused , NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,663.94	149.39
26 28 16 00-0364	EA	100 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	3,681.67	171.74
26 28 16 00-0365	EA	200 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	5,621.26	274.79
26 28 16 00-0366		**600 Volt Class, 4 Wire, 4 Blades** *(26 28 16 00-0332)*		
26 28 16 00-0367	EA	30 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,569.98	118.48
26 28 16 00-0368	EA	60 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,895.41	167.61
26 28 16 00-0369	EA	100 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	4,196.72	190.86
26 28 16 00-0370	EA	200 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	6,393.55	298.70
26 28 16 00-0371		**Fiberglass Reinforced Polyester Enclosures** *(26 28 16 00-0288)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0372		**600 Volt Class, 3 Pole, Fusible** *(26 28 16 00-0371)*		
26 28 16 00-0373	EA	30 A, Fused Disconnect Switch, NEMA 4X, Heavy Duty, With Fuses, 600 V, 3 Phase	1,827.83	143.04
26 28 16 00-0374	EA	60 A, Fused Disconnect Switch, NEMA 4X, Heavy Duty, With Fuses, 600 V, 3 Phase	2,094.07	190.86
26 28 16 00-0375	EA	100 A, Fused Disconnect Switch, NEMA 4X, Heavy Duty, With Fuses, 600 V, 3 Phase	3,715.07	214.77
26 28 16 00-0376	EA	200 A, Fused Disconnect Switch, NEMA 4X, Heavy Duty, With Fuses, 600 V, 3 Phase	4,853.83	327.31
26 28 16 00-0377		**600 Volt Class, 3 Pole, Non-Fusible** *(26 28 16 00-0371)*		
26 28 16 00-0378	EA	30 A, Non-Fused, NEMA 4X, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,705.69	118.31
26 28 16 00-0379	EA	60 A, Non-Fused, NEMA 4X, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,967.52	167.78
26 28 16 00-0380	EA	100 A, Non-Fused, NEMA 4X, Heavy Duty Disconnect Switch, 600 V, 3 Phase	3,507.36	190.86
26 28 16 00-0381	EA	200 A, Non-Fused, NEMA 4X, Heavy Duty Disconnect Switch, 600 V, 3 Phase	4,782.52	298.86
26 28 16 00-0382		**Krydon Enclosures** *(26 28 16 00-0288)*		
26 28 16 00-0383		**600 Volt Class, 3 Pole, Fusible** *(26 28 16 00-0382)*		
26 28 16 00-0384	EA	30 A, Fused Disconnect Switch, NEMA 4X, Heavy Duty, With Fuses, 600 V, 3 Phase	2,082.24	143.04
26 28 16 00-0385	EA	60 A, Fused Disconnect Switch, NEMA 4X, Heavy Duty, With Fuses, 600 V, 3 Phase	2,378.75	190.86
26 28 16 00-0386	EA	100 A, Fused Disconnect Switch, NEMA 4X, Heavy Duty, With Fuses, 600 V, 3 Phase	4,253.44	214.77
26 28 16 00-0387		**600 Volt Class, 3 Pole, Non-Fusible** *(26 28 16 00-0382)*		
26 28 16 00-0388	EA	30 A, Non-Fused, NEMA 4X, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,946.41	118.31
26 28 16 00-0389	EA	60 A, Non-Fused, NEMA 4X, Heavy Duty Disconnect Switch, 600 V, 3 Phase	2,237.06	167.78
26 28 16 00-0390	EA	100 A, Non-Fused, NEMA 4X, Heavy Duty Disconnect Switch, 600 V, 3 Phase	4,024.10	190.86
26 28 16 00-0391		**Safety Switches, NEMA 7 Or 9 Enclosures, Neutral Kit** *(26 28 16 00-0001)* Note: Class 1, groups C and D, division 1 or 2, NEMA 7; Class 2, groups E, F and G, division 1 or 2, NEMA 9; or Class 3, division 1 Or 2, NEMA 9, hazardous locations as defined in NEC article 500.		
26 28 16 00-0392		**Heavy Duty Fusible Switches** *(26 28 16 00-0391)* Note: With fuses and neutral bar.		
26 28 16 00-0393	EA	30 - 60 A, Fused Disconnect Switch, NEMA 7 - 9, Heavy Duty, With Fuses, 240 V, 3 Phase	1,729.35	196.30
26 28 16 00-0394	EA	100 A, Fused Disconnect Switch, NEMA 7 - 9, Heavy Duty, With Fuses, 240 V, 3 Phase	2,092.71	221.61
26 28 16 00-0395	EA	200 A, Fused Disconnect Switch, NEMA 7 - 9, Heavy Duty, With Fuses, 240 V, 3 Phase	4,392.45	343.55
26 28 16 00-0396		**Heavy Duty Non-Fusible Switch** *(26 28 16 00-0391)*		
26 28 16 00-0397	EA	60 A, Non-Fused, NEMA 7 - 9, Heavy Duty Disconnect Switch, With Fuses, 240 V, 3 Phase	1,320.42	196.30
26 28 16 00-0398	EA	100 A, Non-Fused, NEMA 7 - 9, Heavy Duty Disconnect Switch, With Fuses, 240 V, 3 Phase	1,542.20	221.61
26 28 16 00-0399	EA	200 A, Non-Fused, NEMA 7 - 9, Heavy Duty Disconnect Switch, With Fuses, 240 V, 3 Phase	2,810.83	343.55
26 28 16 00-0400		**Safety Switches, NEMA 12 Enclosure, Neutral Kit** *(26 28 16 00-0001)*		
26 28 16 00-0401		**Heavy Duty Fusible Switches** *(26 28 16 00-0400)* Note: With fuses and neutral bar.		
26 28 16 00-0402		**240 Volt Class, 2 Wire, 2 Blades And Fuseholders** *(26 28 16 00-0401)*		
26 28 16 00-0403	EA	30 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	386.83	82.45
26 28 16 00-0404	EA	60 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	501.98	99.34
26 28 16 00-0405	EA	100 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	677.59	116.25
26 28 16 00-0406	EA	200 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	1,138.03	183.03
26 28 16 00-0407	EA	400 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	2,388.02	284.44
26 28 16 00-0408	EA	600 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	4,276.20	420.47
26 28 16 00-0409		**600 Volt Class, 2 Wire, 2 Blades And Fuseholders** *(26 28 16 00-0401)*		
26 28 16 00-0410	EA	30 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	593.00	91.52
26 28 16 00-0411	EA	60 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	617.47	110.48
26 28 16 00-0412	EA	100 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	878.02	129.03
26 28 16 00-0413	EA	200 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	1,374.42	203.64
26 28 16 00-0414	EA	400 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	2,949.97	315.76
26 28 16 00-0415	EA	600 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	5,775.12	467.05
26 28 16 00-0416		**240 Volt Class, 3 Wire, 3 Blades And Fuseholders** *(26 28 16 00-0401)*		
26 28 16 00-0417	EA	30 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase	543.34	129.44
26 28 16 00-0418	EA	60 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase	749.67	171.90
26 28 16 00-0419	EA	100 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase	1,006.81	190.86
26 28 16 00-0420	EA	200 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase	1,502.18	298.86
26 28 16 00-0421	EA	400 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase	2,912.38	490.54
26 28 16 00-0422	EA	600 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase	4,637.28	687.18
26 28 16 00-0423		**600 Volt Class, 3 Wire, 3 Blades And Fuseholders** *(26 28 16 00-0401)*		
26 28 16 00-0424	EA	30 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase	712.44	143.04
26 28 16 00-0425	EA	60 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase	817.70	190.86
26 28 16 00-0426	EA	100 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase	1,180.12	214.77
26 28 16 00-0427	EA	200 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase	1,723.03	327.31
26 28 16 00-0428	EA	400 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase	3,551.74	528.47
26 28 16 00-0429	EA	600 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase	6,594.94	763.44

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0430		**240 Volt Class, 4 Wire, 3 Blades And Fuseholders** *(26 28 16 00-0401)*		
26 28 16 00-0431	EA	30 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase	577.26	129.44
26 28 16 00-0432	EA	60 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase	772.98	171.90
26 28 16 00-0433	EA	100 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase	1,079.96	190.86
26 28 16 00-0434	EA	200 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase	1,594.02	298.86
26 28 16 00-0435	EA	400 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase	3,158.26	490.54
26 28 16 00-0436	EA	600 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase	4,803.39	687.18
26 28 16 00-0437		**600 Volt Class, 4 Wire, 3 Blades And Fuseholders** *(26 28 16 00-0401)*		
26 28 16 00-0438	EA	30 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase	751.77	143.04
26 28 16 00-0439	EA	60 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase	922.61	190.86
26 28 16 00-0440	EA	100 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase	1,252.26	214.77
26 28 16 00-0441	EA	200 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase	1,860.71	327.31
26 28 16 00-0442	EA	400 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase	3,774.66	528.47
26 28 16 00-0443	EA	600 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase	6,778.52	763.44
26 28 16 00-0444		**Heavy Duty Non-Fusible Switches** *(26 28 16 00-0400)*		
26 28 16 00-0445		**240 Volt Class, 2 Wire, 2 Blades** *(26 28 16 00-0444)*		
26 28 16 00-0446	EA	30 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 1 Phase	403.33	119.14
26 28 16 00-0447	EA	60 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 1 Phase	536.88	166.12
26 28 16 00-0448	EA	100 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 1 Phase	704.38	190.86
26 28 16 00-0449	EA	200 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 1 Phase	1,012.99	305.46
26 28 16 00-0450	EA	400 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 1 Phase	2,186.05	509.10
26 28 16 00-0451	EA	600 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 1 Phase	3,432.86	694.19
26 28 16 00-0452		**600 Volt Class, 2 Wire, 2 Blades** *(26 28 16 00-0444)*		
26 28 16 00-0453	EA	30 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 1 Phase	449.23	131.50
26 28 16 00-0454	EA	60 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 1 Phase	597.10	186.33
26 28 16 00-0455	EA	100 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 1 Phase	784.89	211.89
26 28 16 00-0456	EA	200 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 1 Phase	1,100.66	331.84
26 28 16 00-0457	EA	400 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 1 Phase	2,316.70	545.38
26 28 16 00-0458	EA	600 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 1 Phase	3,792.70	763.44
26 28 16 00-0459		**240 Volt Class, 3 Wire, 3 Blades** *(26 28 16 00-0444)*		
26 28 16 00-0460	EA	30 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	519.87	107.18
26 28 16 00-0461	EA	60 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	686.84	149.23
26 28 16 00-0462	EA	100 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	904.98	171.90
26 28 16 00-0463	EA	200 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,302.20	274.96
26 28 16 00-0464	EA	400 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	2,700.43	457.98
26 28 16 00-0465	EA	600 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	4,226.82	624.52
26 28 16 00-0466		**600 Volt Class, 3 Wire, 3 Blades** *(26 28 16 00-0444)*		
26 28 16 00-0467	EA	30 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	513.60	118.31
26 28 16 00-0468	EA	60 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	744.93	167.78
26 28 16 00-0469	EA	100 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	971.78	190.86
26 28 16 00-0470	EA	200 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,295.69	298.86
26 28 16 00-0471	EA	400 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	2,722.25	490.54
26 28 16 00-0472	EA	600 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	5,012.95	687.18
26 28 16 00-0473		**240 Volt Class, 4 Wire, 4 Blades** *(26 28 16 00-0444)*		
26 28 16 00-0474	EA	30 A, Non-Fused , NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	616.92	107.18
26 28 16 00-0475	EA	60 A, Non-Fused , NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	742.03	149.23
26 28 16 00-0476	EA	100 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,131.07	171.90
26 28 16 00-0477	EA	200 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,794.46	274.96
26 28 16 00-0478	EA	400 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	3,194.14	350.39
26 28 16 00-0479		**600 Volt Class, 4 Wire, 4 Blades** *(26 28 16 00-0444)*		
26 28 16 00-0480	EA	30 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	643.42	118.31
26 28 16 00-0481	EA	60 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	810.49	167.78
26 28 16 00-0482	EA	100 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,211.09	190.86
26 28 16 00-0483	EA	200 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,849.71	298.86
26 28 16 00-0484	EA	400 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	3,429.42	461.69
26 28 16 00-0485		**Double Throw Safety Switches** *(26 28 16 00-0001)*		
26 28 16 00-0486		**Safety Switches, NEMA 1 Enclosure** *(26 28 16 00-0485)* Note: With neutral kit.		
26 28 16 00-0487		**240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure** *(26 28 16 00-0486)*		
26 28 16 00-0488	EA	30 A Double Throw Safety Switch, 240 V, 2 Pole, Non-Fusible, NEMA 1 Enclosure	486.53	105.94
26 28 16 00-0489	EA	60 A Double Throw Safety Switch, 240 V, 2 Pole, Non-Fusible, NEMA 1 Enclosure	711.88	138.51
26 28 16 00-0490	EA	100 A Double Throw Safety Switch, 240 V, 2 Pole, Non-Fusible, NEMA 1 Enclosure	993.50	180.97
26 28 16 00-0491	EA	200 A Double Throw Safety Switch, 240 V, 2 Pole, Non-Fusible, NEMA 1 Enclosure	1,322.59	235.38
26 28 16 00-0492	EA	400 A Double Throw Safety Switch, 240 V, 2 Pole, Non-Fusible, NEMA 1 Enclosure	3,088.63	294.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0493	EA	600 A Double Throw Safety Switch, 240 V, 2 Pole, Non-Fusible, NEMA 1 Enclosure	5,595.15	472.00
26 28 16 00-0494		**240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure** *(26 28 16 00-0486)*		
26 28 16 00-0495	EA	30 A Double Throw Safety Switch, 240 V, 3 Pole, Non-Fusible, NEMA 1 Enclosure	619.45	148.40
26 28 16 00-0496	EA	60 A Double Throw Safety Switch, 240 V, 3 Pole, Non-Fusible, NEMA 1 Enclosure	859.64	193.75
26 28 16 00-0497	EA	100 A Double Throw Safety Switch, 240 V, 3 Pole, Non-Fusible, NEMA 1 Enclosure	1,279.50	253.52
26 28 16 00-0498	EA	200 A Double Throw Safety Switch, 240 V, 3 Pole, Non-Fusible, NEMA 1 Enclosure	1,862.88	329.78
26 28 16 00-0499	EA	400 A Double Throw Safety Switch, 240 V, 3 Pole, Non-Fusible, NEMA 1 Enclosure	4,258.52	412.23
26 28 16 00-0500	EA	600 A Double Throw Safety Switch, 240 V, 3 Pole, Non-Fusible, NEMA 1 Enclosure	5,974.47	659.56
26 28 16 00-0501		**240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure** *(26 28 16 00-0486)*		
26 28 16 00-0502	EA	30 A Double Throw Safety Switch, 240 V, 4 Pole, Non-Fusible, NEMA 1 Enclosure	818.66	185.50
26 28 16 00-0503	EA	60 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 1	1,180.65	242.39
26 28 16 00-0504	EA	100 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 1	2,052.67	316.59
26 28 16 00-0505	EA	200 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 1	2,803.53	411.41
26 28 16 00-0506	EA	400 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 1	5,532.15	515.28
26 28 16 00-0507	EA	600 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 1	7,064.55	825.69
26 28 16 00-0508		**600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure** *(26 28 16 00-0486)*		
26 28 16 00-0509	EA	60 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 1	814.15	138.51
26 28 16 00-0510	EA	100 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 1	1,213.94	180.97
26 28 16 00-0511	EA	200 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 1	1,777.71	235.38
26 28 16 00-0512	EA	400 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 1	4,094.70	294.33
26 28 16 00-0513	EA	600 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 1	6,066.58	472.00
26 28 16 00-0514		**600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure** *(26 28 16 00-0486)*		
26 28 16 00-0515	EA	60 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 1	924.52	193.75
26 28 16 00-0516	EA	100 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 1	1,358.65	253.52
26 28 16 00-0517	EA	200 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 1	1,965.70	329.78
26 28 16 00-0518	EA	400 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 1	4,330.30	412.23
26 28 16 00-0519	EA	600 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 1	6,442.77	659.56
26 28 16 00-0520		**600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure** *(26 28 16 00-0486)*		
26 28 16 00-0521	EA	60 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 1	1,244.72	242.39
26 28 16 00-0522	EA	100 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 1	2,145.12	316.59
26 28 16 00-0523	EA	200 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 1	2,994.98	411.41
26 28 16 00-0524	EA	400 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 1	5,939.77	515.28
26 28 16 00-0525	EA	600 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 1	7,520.57	825.69
26 28 16 00-0526		**Safety Switches, NEMA 3R Enclosure** *(26 28 16 00-0485)* Note: With neutral kit.		
26 28 16 00-0527		**240 Volt Class, 2 Pole, Non-Fusible** *(26 28 16 00-0526)*		
26 28 16 00-0528	EA	100 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 3R	1,225.29	180.97
26 28 16 00-0529	EA	200 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 3R	2,745.31	235.38
26 28 16 00-0530	EA	400 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 3R	8,819.89	294.33
26 28 16 00-0531	EA	600 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 3R	15,177.89	472.00
26 28 16 00-0532		**240 Volt Class, 3 Pole, Non-Fusible** *(26 28 16 00-0526)*		
26 28 16 00-0533	EA	100 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 3R	1,611.89	253.11
26 28 16 00-0534	EA	200 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 3R	2,573.67	329.37
26 28 16 00-0535	EA	400 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 3R	9,133.04	412.23
26 28 16 00-0536	EA	600 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 3R	10,002.21	660.80
26 28 16 00-0537		**240 Volt Class, 4 Pole, Non-Fusible** *(26 28 16 00-0526)*		
26 28 16 00-0538	EA	30 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 3R	1,532.50	185.59
26 28 16 00-0539	EA	60 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 3R	1,904.79	242.22
26 28 16 00-0540	EA	100 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 3R	2,662.38	316.50
26 28 16 00-0541	EA	200 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 3R	3,833.88	411.57
26 28 16 00-0542	EA	400 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 3R	6,443.12	515.28
26 28 16 00-0543	EA	600 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 3R	7,596.90	825.77
26 28 16 00-0544		**600 Volt Class, 2 Pole, Non-Fusible** *(26 28 16 00-0526)*		
26 28 16 00-0545	EA	60 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 3R	1,033.78	138.51
26 28 16 00-0546	EA	100 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 3R	1,562.70	180.97
26 28 16 00-0547	EA	200 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 3R	2,810.86	235.38
26 28 16 00-0548	EA	400 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 3R	5,351.35	294.33
26 28 16 00-0549	EA	600 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 3R	7,180.01	472.00
26 28 16 00-0550		**600 Volt Class, 3 Pole, Non-Fusible** *(26 28 16 00-0526)*		
26 28 16 00-0551	EA	60 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 3R	1,184.52	193.75
26 28 16 00-0552	EA	100 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 3R	1,770.75	253.11
26 28 16 00-0553	EA	200 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 3R	3,121.99	329.37
26 28 16 00-0554	EA	400 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 3R	5,837.62	412.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0555	EA	600 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 3R	7,883.98	660.80
26 28 16 00-0556		**600 Volt Class, 4 Pole, Non-Fusible** *(26 28 16 00-0526)*		
26 28 16 00-0557	EA	60 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 3R	1,919.61	242.22
26 28 16 00-0558	EA	100 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 3R	2,669.17	316.50
26 28 16 00-0559	EA	200 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 3R	3,928.27	411.57
26 28 16 00-0560	EA	400 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 3R	6,431.97	515.28
26 28 16 00-0561	EA	600 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 3R	7,658.33	825.77
26 28 16 00-0562		**Safety Switches, NEMA 12 Enclosure** *(26 28 16 00-0485)* Note: With neutral kit.		
26 28 16 00-0563		**240 Volt Class, 2 Pole, Non-Fusible** *(26 28 16 00-0562)*		
26 28 16 00-0564	EA	30 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 12	1,211.04	106.03
26 28 16 00-0565	EA	60 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 12	1,378.37	138.42
26 28 16 00-0566	EA	100 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 12	1,568.44	180.89
26 28 16 00-0567	EA	200 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 12	2,151.38	235.22
26 28 16 00-0568	EA	400 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 12	3,967.32	294.41
26 28 16 00-0569	EA	600 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 12	5,832.90	471.83
26 28 16 00-0570		**240 Volt Class, 3 Pole, Non-Fusible** *(26 28 16 00-0562)*		
26 28 16 00-0571	EA	30 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 12	1,401.29	148.40
26 28 16 00-0572	EA	60 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 12	1,664.02	193.75
26 28 16 00-0573	EA	100 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 12	1,983.14	253.11
26 28 16 00-0574	EA	200 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 12	2,756.36	329.37
26 28 16 00-0575	EA	400 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 12	4,956.04	412.23
26 28 16 00-0576	EA	600 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 12	6,590.80	660.80
26 28 16 00-0577		**240 Volt Class, 4 Pole, Non-Fusible** *(26 28 16 00-0562)*		
26 28 16 00-0578	EA	30 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 12	2,080.42	185.59
26 28 16 00-0579	EA	60 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 12	2,443.15	242.22
26 28 16 00-0580	EA	100 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 12	3,344.03	316.50
26 28 16 00-0581	EA	200 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 12	4,536.46	411.57
26 28 16 00-0582	EA	400 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 12	8,308.29	515.28
26 28 16 00-0583	EA	600 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 12	10,389.49	825.77
26 28 16 00-0584		**600 Volt Class, 2 Pole, Non-Fusible** *(26 28 16 00-0562)*		
26 28 16 00-0585	EA	60 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 12	1,802.49	138.42
26 28 16 00-0586	EA	100 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 12	1,908.18	180.89
26 28 16 00-0587	EA	200 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 12	3,578.97	235.22
26 28 16 00-0588	EA	400 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 12	5,148.41	294.41
26 28 16 00-0589	EA	600 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 12	6,940.91	471.83
26 28 16 00-0590		**600 Volt Class, 3 Pole, Non-Fusible** *(26 28 16 00-0562)*		
26 28 16 00-0591	EA	60 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 12	1,993.53	193.75
26 28 16 00-0592	EA	100 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 12	2,134.36	253.11
26 28 16 00-0593	EA	200 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 12	3,930.40	329.37
26 28 16 00-0594	EA	400 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 12	5,623.81	412.23
26 28 16 00-0595	EA	600 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 12	7,632.04	660.80
26 28 16 00-0596		**600 Volt Class, 4 Pole, Non-Fusible** *(26 28 16 00-0562)*		
26 28 16 00-0597	EA	60 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 12	2,467.31	242.22
26 28 16 00-0598	EA	100 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 12	3,522.26	316.50
26 28 16 00-0599	EA	200 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 12	4,641.51	411.57
26 28 16 00-0600	EA	400 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 12	8,534.41	515.28
26 28 16 00-0601	EA	600 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 12	10,689.21	825.77
26 28 16 00-0602		**Removal And Reinstallation Of Disconnect Switches** *(26 28 16 00-0001)* Note: Includes storage and cleaning.		
26 28 16 00-0603	EA	Remove And Reinstall Safety Disconnect Switch Up To 100 Amp	412.23	
26 28 16 00-0604	EA	Remove And Reinstall Safety Disconnect Switch 101 To 200 Amp	535.92	
26 28 16 00-0605	EA	Remove And Reinstall Safety Disconnect Switch 201 To 300 Amp	597.77	
26 28 16 00-0606	EA	Remove And Reinstall Safety Disconnect Switch 301 To 400 Amp	700.83	

26 29 Low-Voltage Controllers *(26 20)*

26 29 13 Enclosed Controllers *(26 29)*

26 29 13 13 Across-The-Line Motor Controllers *(26 29 13)*

26 29 13 13-0001 Manual Motor Starters *(26 29 13 13)*

26 29 13 13-0002 Fractional HP Manual Motor Starters *(26 29 13 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0003	EA	NEMA 1, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG1)	143.86	41.29
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-1.71*	
		For Oversized Enclosure, Add	*17.10*	
		For Pilot Light, Add	*25.08*	
26 29 13 13-0004	EA	NEMA 1, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG2)	188.31	53.68
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-1.71*	
		For Oversized Enclosure, Add	*17.10*	
		For Pilot Light, Add	*25.08*	
26 29 13 13-0005	EA	NEMA 1, 1 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG3)	160.96	41.29
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-1.71*	
		For Oversized Enclosure, Add	*17.10*	
		For Pilot Light, Add	*25.08*	
26 29 13 13-0006	EA	NEMA 1, 2 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG4)	205.41	53.68
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-1.71*	
		For Oversized Enclosure, Add	*17.10*	
		For Pilot Light, Add	*25.08*	
26 29 13 13-0007	EA	NEMA 1, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG5)	151.27	41.29
		For Oversized Enclosure, Add	*17.10*	
26 29 13 13-0008	EA	NEMA 1, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG6)	198.00	53.68
		For Oversized Enclosure, Add	*17.10*	
26 29 13 13-0009	EA	NEMA 4, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW1)	293.76	49.55
		For Pilot Light, Add	*65.55*	
26 29 13 13-0010	EA	NEMA 4, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW2)	339.91	61.93
		For Pilot Light, Add	*65.55*	
26 29 13 13-0011	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR1)	310.86	49.55
26 29 13 13-0012	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR2)	355.30	61.93

26 29 13 13-0013 Non Reversing Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0014	EA	NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115V, 2 HP At 230V, 3 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG1) Note: NEMA 1 or flush cover plate installation.	118.88	41.29
		For Oversize Enclosure, Add	*8.25*	
		For Pilot Light, Add	*39.60*	
26 29 13 13-0015	EA	NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115V, 7-1/2 HP At 230V, 10 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG2) Note: NEMA 1 or flush cover plate installation.	189.31	53.68
		For Oversize Enclosure, Add	*8.25*	
		For Pilot Light, Add	*39.60*	
26 29 13 13-0016	EA	NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115V, 3 HP At 230V, 7-1/2 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG5) Note: NEMA 1 or flush cover plate installation.	133.74	45.42
		For Oversize Enclosure, Add	*8.25*	
		For Pilot Light, Add	*39.60*	
26 29 13 13-0017	EA	NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115V, 7-1/2 HP At 230V, 15 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG6) Note: NEMA 1 or flush cover plate installation.	204.71	57.81
		For Oversize Enclosure, Add	*8.25*	
		For Pilot Light, Add	*39.60*	
26 29 13 13-0018	EA	NEMA 1, Non Reversing, 2 Pole, Key Operator, 2 HP At 115V, 2 HP At 230V, 3 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG3) Note: NEMA 1 or flush cover plate installation.	134.83	41.29
		For Oversize Enclosure, Add	*8.25*	
		For Pilot Light, Add	*39.60*	
26 29 13 13-0019	EA	NEMA 1, Non Reversing, 3 Pole, Key Operator, 2 HP At 115V, 7-1/2 HP At 230V, 10 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG4) Note: NEMA 1 or flush cover plate installation.	205.81	53.68
		For Oversize Enclosure, Add	*8.25*	
		For Pilot Light, Add	*39.60*	
26 29 13 13-0020	EA	NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115V, 2 HP At 230V, 3 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW1)	271.80	49.55
		For Pilot Light, Add	*62.70*	
26 29 13 13-0021	EA	NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115V, 7-1/2 HP At 230V, 10 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW2)	336.17	61.93
		For Pilot Light, Add	*62.70*	
26 29 13 13-0022	EA	NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115V, 3 HP At 230V, 7-1/2 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW5)	287.21	53.68
		For Pilot Light, Add	*62.70*	
26 29 13 13-0023	EA	NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115V, 7-1/2 HP At 230V, 15 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW6)	349.94	66.07
		For Pilot Light, Add	*62.70*	
26 29 13 13-0024	EA	NEMA 3R, 7 And 9, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115V, 2 HP At 230V, 3 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR1)	287.20	49.55
26 29 13 13-0025	EA	NEMA 3R, 7 And 9, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115V, 7-1/2 HP At 230V, 10 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR2)	355.97	61.93
26 29 13 13-0026	EA	Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115V, 2 HP At 230V, 3 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO1)	86.41	28.90
		For Pilot Light, Add	*39.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0027	EA	Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115V, 7-1/2 HP At 230V, 10 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO2)	156.83	41.29
		For Pilot Light, Add	*39.60*	
26 29 13 13-0028	EA	Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115V, 3 HP At 230V, 7-1/2 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO5)	101.27	33.03
		For Pilot Light, Add	*39.60*	
26 29 13 13-0029	EA	Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115V, 7-1/2 HP At 230V, 15 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO6)	171.69	45.42
		For Pilot Light, Add	*39.60*	

26 29 13 13-0030 Reversing Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0031	EA	NEMA 1, Reversing, 2 Pole, Toggle Operator, 2 HP At 115V, 2 HP At 230V, 3 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG11)	306.50	74.32
		For Pilot Light, Add	*63.80*	
26 29 13 13-0032	EA	NEMA 1, Reversing, 3 Pole, Toggle Operator, 2 HP At 115V, 7-1/2 HP At 230V, 10 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG22)	440.74	99.10
		For Pilot Light, Add	*63.80*	

26 29 13 13-0033 Two Speed Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0034	EA	NEMA 1, Two Speed, 2 Pole, Toggle Operator, 2 HP At 115V, 2 HP At 230V, 3 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG11)	306.50	74.32
26 29 13 13-0035	EA	NEMA 1, Two Speed, 3 Pole, Toggle Operator, 2 HP At 115V, 7-1/2 HP At 230V, 10 HP At 460V, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG22)	440.74	99.10

26 29 13 13-0036 Non-Reversing Integral HP Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0037	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG1)	274.10	49.55
26 29 13 13-0038	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG1)	274.10	49.55
26 29 13 13-0039	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW11)	550.53	57.81
26 29 13 13-0040	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW1)	550.53	57.81
26 29 13 13-0041	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR1)	712.41	57.81
26 29 13 13-0042	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA1)	347.04	57.81
26 29 13 13-0043	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO1)	232.22	37.17
26 29 13 13-0044	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG1)	323.40	53.68
26 29 13 13-0045	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG1)	323.40	53.68
26 29 13 13-0046	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW11)	656.26	61.93
26 29 13 13-0047	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW1)	656.26	61.93
26 29 13 13-0048	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR1)	830.68	61.93
26 29 13 13-0049	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA1)	396.34	61.93
26 29 13 13-0050	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO1)	281.52	41.29
26 29 13 13-0051	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG2)	420.00	57.81
26 29 13 13-0052	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG2)	420.00	57.81
26 29 13 13-0053	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW12)	777.39	66.07
26 29 13 13-0054	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW2)	777.39	66.07
26 29 13 13-0055	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR2)	944.40	66.07
26 29 13 13-0056	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA2)	494.67	66.07
26 29 13 13-0057	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO2)	379.84	45.42
26 29 13 13-0058	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG2)	339.63	61.93
26 29 13 13-0059	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG2)	339.63	61.93
26 29 13 13-0060	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW12)	616.07	70.19
26 29 13 13-0061	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW2)	616.07	70.19
26 29 13 13-0062	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR2)	782.51	70.19
26 29 13 13-0063	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA2)	413.15	70.19
26 29 13 13-0064	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO2)	299.47	49.55
26 29 13 13-0065	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG3)	388.94	66.07
26 29 13 13-0066	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG3)	388.94	66.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0067	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW13)	721.80	74.32
26 29 13 13-0068	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW3)	721.80	74.32
26 29 13 13-0069	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR3)	900.21	74.32
26 29 13 13-0070	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA3)	461.88	74.32
26 29 13 13-0071	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO3)	347.06	53.68

26 29 13 13-0072 Reversing Integral HP Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0073	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBG1)	771.09	86.71
26 29 13 13-0074	EA	NEMA 1, Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511TBG1)	771.09	86.71
26 29 13 13-0075	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBO1)	673.08	61.93
26 29 13 13-0076	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCG1)	909.01	94.97
26 29 13 13-0077	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCO1)	811.01	70.19

26 29 13 13-0078 Two Speed Integral HP Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0079	EA	NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBG1)	771.09	86.71
26 29 13 13-0080	EA	Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBO1)	673.08	61.93
26 29 13 13-0081	EA	NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCG1)	909.01	94.97
26 29 13 13-0082	EA	Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCO1)	811.01	70.19

26 29 13 13-0083 Magnetic Motor Starters *(26 29 13 13)*

26 29 13 13-0084 Non Reversing, Magnetic Contactors *(26 29 13 13-0083)*

26 29 13 13-0085 Open Enclosure, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

26 29 13 13-0086	EA	Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230V, 2 HP At 460/575V, 9 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO11)	328.76	82.58
		For Factory Installed Accessory, Deduct	*-165.17*	
26 29 13 13-0087	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230V, 2 HP At 460/575V, 9 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO12)	369.21	90.84
		For Factory Installed Accessory, Deduct	*-181.68*	
26 29 13 13-0088	EA	Size 0, 1 Phase, 1 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO5)	352.70	82.58
		For Factory Installed Accessory, Deduct	*-165.17*	
26 29 13 13-0089	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO1)	393.72	90.84
		For Factory Installed Accessory, Deduct	*-181.68*	
26 29 13 13-0090	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO2)	434.17	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0091	EA	Size 0, 3 Phase, 4 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO3)	548.14	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0092	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO4)	687.17	148.65
		For Factory Installed Accessory, Deduct	*-297.29*	
26 29 13 13-0093	EA	Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO5)	409.11	90.84
		For Factory Installed Accessory, Deduct	*-181.68*	
26 29 13 13-0094	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO1)	449.56	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0095	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO2)	491.17	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0096	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO3)	630.47	144.51
		For Factory Installed Accessory, Deduct	*-289.04*	
26 29 13 13-0097	EA	Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO4)	768.93	169.29
		For Factory Installed Accessory, Deduct	*-338.58*	
26 29 13 13-0098	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200V, 15 HP At 230V, 25 HP At 460/575V, 45 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO1)	669.58	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0099	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200V, 15 HP At 230V, 25 HP At 460/575V, 45 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO2)	750.49	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0100	EA	Size 2, 3 Phase, 4 Pole, 10 HP At 200V, 15 HP At 230V, 25 HP At 460/575V, 45 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO3)	979.56	165.17
		For Factory Installed Accessory, Deduct	*-330.33*	
26 29 13 13-0101	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200V, 30 HP At 230V, 50 HP At 460/575V, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO1)	994.45	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0102	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200V, 30 HP At 230V, 50 HP At 460/575V, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO2)	1,142.58	165.17
		For Factory Installed Accessory, Deduct	*-330.33*	
26 29 13 13-0103	EA	Size 3, 3 Phase, 4 Pole, 25 HP At 200V, 30 HP At 230V, 50 HP At 460/575V, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO3)	1,452.02	206.46
		For Factory Installed Accessory, Deduct	*-412.91*	
26 29 13 13-0104	EA	Size 3, 3 Phase, 5 Pole, 25 HP At 200V, 30 HP At 230V, 50 HP At 460/575V, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO4)	2,054.45	247.75
		For Factory Installed Accessory, Deduct	*-495.50*	
26 29 13 13-0105	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200V, 50 HP At 230V, 100 HP At 460/575V, 135 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO1)	2,215.25	206.46
		For Factory Installed Accessory, Deduct	*-412.91*	
26 29 13 13-0106	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200V, 50 HP At 230V, 100 HP At 460/575V, 135 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO2)	2,444.33	247.75
		For Factory Installed Accessory, Deduct	*-495.50*	
26 29 13 13-0107	EA	Size 4, 3 Phase, 4 Pole, 40 HP At 200V, 50 HP At 230V, 100 HP At 460/575V, 135 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO3)	3,289.57	289.04
		For Factory Installed Accessory, Deduct	*-578.08*	
26 29 13 13-0108	EA	Size 5, 1 Phase, 2 Pole, 75 HP At 200V, 100 HP At 230V, 200 HP At 460/575V, 270 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO1)	4,401.14	247.75
		For Factory Installed Accessory, Deduct	*-495.50*	
26 29 13 13-0109	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200V, 100 HP At 230V, 200 HP At 460/575V, 270 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO2)	4,907.73	330.33
		For Factory Installed Accessory, Deduct	*-660.66*	
26 29 13 13-0110	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200V, 200 HP At 230V, 400 HP At 460/575V, 540 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHO2)	12,584.22	495.50
		For Factory Installed Accessory, Deduct	*-990.99*	
26 29 13 13-0111	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230V, 600 HP At 460/575V, 810 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJO2)	18,032.44	743.24
		For Factory Installed Accessory, Deduct	*-1,486.48*	

26 29 13 13-0112 NEMA 1, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

26 29 13 13-0113	EA	Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230V, 2 HP At 460/575V, 9 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG11)	346.43	82.58
		For Factory Installed Accessory, Deduct	*-165.17*	
26 29 13 13-0114	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230V, 2 HP At 460/575V, 9 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG12)	386.88	90.84
		For Factory Installed Accessory, Deduct	*-181.68*	
26 29 13 13-0115	EA	Size 0, 1 Phase, 1 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG5)	370.37	82.58
		For Factory Installed Accessory, Deduct	*-165.17*	
26 29 13 13-0116	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG1)	411.96	90.84
		For Factory Installed Accessory, Deduct	*-181.68*	
26 29 13 13-0117	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG2)	452.41	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0118	EA	Size 0, 3 Phase, 4 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG3)	567.52	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0119	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG4)	707.12	148.65
		For Factory Installed Accessory, Deduct	*-297.29*	
26 29 13 13-0120	EA	Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG5)	427.92	90.84
		For Factory Installed Accessory, Deduct	*-181.68*	
26 29 13 13-0121	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG1)	469.51	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0122	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG2)	509.98	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0123	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG3)	649.85	144.51
		For Factory Installed Accessory, Deduct	*-289.04*	
26 29 13 13-0124	EA	Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG4)	787.74	169.29
		For Factory Installed Accessory, Deduct	*-338.58*	
26 29 13 13-0125	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200V, 15 HP At 230V, 25 HP At 460/575V, 45 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG1)	753.94	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0126	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200V, 15 HP At 230V, 25 HP At 460/575V, 45 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG2)	835.42	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0127	EA	Size 2, 3 Phase, 4 Pole, 10 HP At 200V, 15 HP At 230V, 25 HP At 460/575V, 45 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG3)	1,063.92	165.17
		For Factory Installed Accessory, Deduct	*-330.33*	
26 29 13 13-0128	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200V, 30 HP At 230V, 50 HP At 460/575V, 90 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG1)	1,160.32	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0129	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200V, 30 HP At 230V, 50 HP At 460/575V, 90 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG2)	1,307.88	165.17
		For Factory Installed Accessory, Deduct	*-330.33*	
26 29 13 13-0130	EA	Size 3, 3 Phase, 4 Pole, 25 HP At 200V, 30 HP At 230V, 50 HP At 460/575V, 90 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG3)	1,617.89	206.46
		For Factory Installed Accessory, Deduct	*-412.91*	
26 29 13 13-0131	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200V, 50 HP At 230V, 100 HP At 460/575V, 135 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG1)	2,558.96	206.46
		For Factory Installed Accessory, Deduct	*-412.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0132	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200V, 50 HP At 230V, 100 HP At 460/575V, 135 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG2)	2,788.04	247.75
		For Factory Installed Accessory, Deduct	*-495.50*	
26 29 13 13-0133	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200V, 100 HP At 230V, 200 HP At 460/575V, 270 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGG2)	5,534.16	330.33
		For Factory Installed Accessory, Deduct	*-660.66*	
26 29 13 13-0134	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200V, 200 HP At 230V, 400 HP At 460/575V, 540 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHG2)	15,339.03	495.50
		For Factory Installed Accessory, Deduct	*-990.99*	
26 29 13 13-0135	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230V, 600 HP At 460/575V, 810 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJG2)	20,795.23	743.24
		For Factory Installed Accessory, Deduct	*-1,486.48*	

26 29 13 13-0136 NEMA 12, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

26 29 13 13-0137	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA1)	509.43	90.84
		For Factory Installed Accessory, Deduct	*-181.68*	
26 29 13 13-0138	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA2)	549.88	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0139	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCA2)	607.45	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0140	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200V, 15 HP At 230V, 25 HP At 460/575V, 45 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA1)	931.78	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0141	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200V, 15 HP At 230V, 25 HP At 460/575V, 45 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA2)	1,013.83	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0142	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200V, 30 HP At 230V, 50 HP At 460/575V, 90 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA1)	1,371.22	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0143	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200V, 30 HP At 230V, 50 HP At 460/575V, 90 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA2)	1,518.21	165.17
		For Factory Installed Accessory, Deduct	*-330.33*	
26 29 13 13-0144	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200V, 50 HP At 230V, 100 HP At 460/575V, 135 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFA2)	3,486.29	247.75
		For Factory Installed Accessory, Deduct	*-495.50*	
26 29 13 13-0145	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200V, 100 HP At 230V, 200 HP At 460/575V, 270 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGA2)	7,321.11	330.33
		For Factory Installed Accessory, Deduct	*-660.66*	
26 29 13 13-0146	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200V, 200 HP At 230V, 400 HP At 460/575V, 540 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHA2)	17,530.11	495.50
		For Factory Installed Accessory, Deduct	*-990.99*	

26 29 13 13-0147 NEMA 4/4X, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0148	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBW12)	736.84	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0149	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW11)	761.92	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0150	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW12)	802.39	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0151	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW13)	942.26	144.51
		For Factory Installed Accessory, Deduct	*-289.04*	
26 29 13 13-0152	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200V, 15 HP At 230V, 25 HP At 460/575V, 45 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDW12)	1,420.24	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0153	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200V, 30 HP At 230V, 50 HP At 460/575V, 90 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEW12)	2,135.52	165.17
		For Factory Installed Accessory, Deduct	*-330.33*	
26 29 13 13-0154	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200V, 50 HP At 230V, 100 HP At 460/575V, 135 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFW12)	4,201.07	247.75
		For Factory Installed Accessory, Deduct	*-495.50*	
26 29 13 13-0155	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200V, 100 HP At 230V, 200 HP At 460/575V, 270 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGW12)	7,321.11	330.33
		For Factory Installed Accessory, Deduct	*-660.66*	
26 29 13 13-0156	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200V, 200 HP At 230V, 400 HP At 460/575V, 540 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHW2)	19,397.43	495.50
		For Factory Installed Accessory, Deduct	*-990.99*	

26 29 13 13-0157 NEMA 7/9, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

Note: Bolted cast iron enclosure.

26 29 13 13-0158	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, NEMA 7/9 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBT2)	1,444.16	132.14
		For Factory Installed Accessory, Deduct	*-264.26*	

26 29 13 13-0159 Non Reversing, Magnetic Starters *(26 29 13 13-0083)*

26 29 13 13-0160 Open Enclosure, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0161	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115V, 1 HP At 230V, 9 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO11)	385.19	82.58
		For Factory Installed Accessory, Deduct	*-165.17*	
26 29 13 13-0162	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230V, 2 HP At 460/575V, 9 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO12)	401.70	90.84
		For Factory Installed Accessory, Deduct	*-181.68*	
26 29 13 13-0163	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115V, 2 HP At 230V, 18 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO1)	429.63	90.84
		For Factory Installed Accessory, Deduct	*-181.68*	
26 29 13 13-0164	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO2)	474.64	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0165	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO4)	758.42	148.65
		For Factory Installed Accessory, Deduct	*-297.29*	
26 29 13 13-0166	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115V, 3 HP At 230V, 27 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO1)	487.18	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0167	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO3)	568.12	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0168	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 36 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO2)	592.06	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0169	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115V, 7-1/2 HP At 230V, 45 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO6)	721.45	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0170	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200V, 15 HP At 230V, 25 HP At 460/575V, 45 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO1)	824.02	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0171	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200V, 30 HP At 230V, 50 HP At 460/575V, 90 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEO1)	1,263.99	165.17
		For Factory Installed Accessory, Deduct	*-330.33*	
26 29 13 13-0172	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200V, 50 HP At 230V, 100 HP At 460/575V, 135 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFO1)	2,631.29	247.75
		For Factory Installed Accessory, Deduct	*-495.50*	
26 29 13 13-0173	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200V, 100 HP At 230V, 200 HP At 460/575V, 270 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGO1)	5,877.30	330.33
		For Factory Installed Accessory, Deduct	*-660.66*	
26 29 13 13-0174	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200V, 200 HP At 230V, 400 HP At 460/575V, 540 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHO2)	13,391.91	495.50
		For Factory Installed Accessory, Deduct	*-990.99*	
26 29 13 13-0175	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230V, 600 HP At 460/575V, 810 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SJO2)	19,304.68	743.24
		For Factory Installed Accessory, Deduct	*-1,486.48*	

26 29 13 13-0176 NEMA 1, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0177	EA	Size 00, 1 Phase, 2 Pole, .34 HP At 115V, 1 HP At 230V, 9 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG11)	404.00	82.58
		For Factory Installed Accessory, Deduct	*-165.17*	
26 29 13 13-0178	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230V, 2 HP At 460/575V, 9 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG12)	420.51	90.84
		For Factory Installed Accessory, Deduct	*-181.68*	
26 29 13 13-0179	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115V, 2 HP At 230V, 18 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG1)	448.44	90.84
		For Factory Installed Accessory, Deduct	*-181.68*	
26 29 13 13-0180	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG2)	493.45	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0181	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115V, 3 HP At 230V, 27 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG1)	505.42	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0182	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG3)	551.02	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0183	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 36 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG2)	611.44	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0184	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115V, 7-1/2 HP At 230V, 45 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG6)	806.38	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0185	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200V, 15 HP At 230V, 25 HP At 460/575V, 45 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG1)	908.95	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0186	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200V, 30 HP At 230V, 50 HP At 460/575V, 90 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEG1)	1,429.86	165.17
		For Factory Installed Accessory, Deduct	*-330.33*	
26 29 13 13-0187	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200V, 50 HP At 230V, 100 HP At 460/575V, 135 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFG1)	2,975.00	247.75
		For Factory Installed Accessory, Deduct	*-495.50*	
26 29 13 13-0188	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200V, 100 HP At 230V, 200 HP At 460/575V, 270 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGG1)	6,505.44	330.33
		For Factory Installed Accessory, Deduct	*-660.66*	

26 29 13 13-0189 NEMA 12, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0190	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115V, 2 HP At 230V, 18 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA1)	545.91	90.84
		For Factory Installed Accessory, Deduct	*-181.68*	
26 29 13 13-0191	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA2)	590.92	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0192	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115V, 3 HP At 230V, 27 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA1)	602.89	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0193	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA3)	648.49	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0194	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 36 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA2)	708.91	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0195	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115V, 7-1/2 HP At 230V, 45 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA6)	984.79	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0196	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200V, 15 HP At 230V, 25 HP At 460/575V, 45 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA1)	1,086.79	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0197	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200V, 30 HP At 230V, 50 HP At 460/575V, 90 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEA1)	1,640.19	165.17
		For Factory Installed Accessory, Deduct	*-330.33*	
26 29 13 13-0198	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200V, 50 HP At 230V, 100 HP At 460/575V, 135 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFA1)	3,672.68	247.75
		For Factory Installed Accessory, Deduct	*-495.50*	
26 29 13 13-0199	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200V, 100 HP At 230V, 200 HP At 460/575V, 270 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGA1)	8,290.68	330.33
		For Factory Installed Accessory, Deduct	*-660.66*	
26 29 13 13-0200	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200V, 200 HP At 230V, 400 HP At 460/575V, 540 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHA2)	19,645.38	495.50
		For Factory Installed Accessory, Deduct	*-990.99*	

26 29 13 13-0201 NEMA 3R, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0202	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115V, 2 HP At 230V, 18 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH1)	545.91	90.84
		For Factory Installed Accessory, Deduct	*-181.68*	
26 29 13 13-0203	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH2)	590.92	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0204	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115V, 3 HP At 230V, 27 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH1)	602.89	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0205	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH3)	648.49	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0206	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 36 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH2)	708.91	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0207	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115V, 7-1/2 HP At 230V, 45 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH6)	984.79	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0208	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200V, 15 HP At 230V, 25 HP At 460/575V, 45 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH1)	1,086.79	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0209	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200V, 30 HP At 230V, 50 HP At 460/575V, 90 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEH1)	1,640.19	165.17
		For Factory Installed Accessory, Deduct	*-330.33*	
26 29 13 13-0210	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200V, 50 HP At 230V, 100 HP At 460/575V, 135 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFH1)	3,672.68	247.75
		For Factory Installed Accessory, Deduct	*-495.50*	

26 29 13 13-0211 NEMA 3R/4/4X/7/9, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Bolted cast aluminum enclosure.

26 29 13 13-0212	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT4)	1,506.28	140.39
		For Factory Installed Accessory, Deduct	*-280.78*	
26 29 13 13-0213	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115V, 3 HP At 230V, 27 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR1)	1,838.02	140.39
		For Factory Installed Accessory, Deduct	*-280.78*	
26 29 13 13-0214	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR3)	1,895.57	148.65
		For Factory Installed Accessory, Deduct	*-297.29*	
26 29 13 13-0215	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200V, 15 HP At 230V, 25 HP At 460/575V, 45 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDR1)	2,910.72	165.17
		For Factory Installed Accessory, Deduct	*-330.33*	
26 29 13 13-0216	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200V, 30 HP At 230V, 50 HP At 460/575V, 90 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SET43)	3,513.14	206.46
		For Factory Installed Accessory, Deduct	*-412.91*	
26 29 13 13-0217	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200V, 50 HP At 230V, 100 HP At 460/575V, 135 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFT41)	5,581.54	289.04
		For Factory Installed Accessory, Deduct	*-578.08*	

26 29 13 13-0218 NEMA 4/4X, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Brushed stainless steel enclosure.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0219	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115V, 2 HP At 230V, 18 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW11)	732.30	90.84
		For Factory Installed Accessory, Deduct	*-181.68*	
26 29 13 13-0220	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW12)	777.88	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0221	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115V, 3 HP At 230V, 27 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW11)	797.83	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0222	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW13)	843.43	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0223	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230V, 7-1/2 HP At 460/575V, 36 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW12)	903.85	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0224	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115V, 7-1/2 HP At 230V, 45 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW16)	1,390.06	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0225	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200V, 30 HP At 230V, 50 HP At 460/575V, 90 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW11)	2,256.93	165.17
		For Factory Installed Accessory, Deduct	*-330.33*	
26 29 13 13-0226	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200V, 50 HP At 230V, 100 HP At 460/575V, 135 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW11)	4,386.89	247.75
		For Factory Installed Accessory, Deduct	*-495.50*	
26 29 13 13-0227	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200V, 100 HP At 230V, 200 HP At 460/575V, 270 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGW11)	9,663.81	330.33
		For Factory Installed Accessory, Deduct	*-660.66*	

26 29 13 13-0228 NEMA 4X, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Glass polyester enclosure.

26 29 13 13-0229	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200V, 15 HP At 230V, 25 HP At 460/575V, 45 Amp, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW21)	1,493.77	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0230	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200V, 30 HP At 230V, 50 HP At 460/575V, 90 Amp, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW21)	2,739.15	165.17
		For Factory Installed Accessory, Deduct	*-330.33*	
26 29 13 13-0231	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200V, 50 HP At 230V, 100 HP At 460/575V, 135 Amp, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW21)	5,360.45	247.75
		For Factory Installed Accessory, Deduct	*-495.50*	

26 29 13 13-0232 NEMA 7/9, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Bolted cast iron enclosure.

26 29 13 13-0233	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115V, 2 HP At 230V, 18 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT1)	1,456.13	132.14
		For Factory Installed Accessory, Deduct	*-264.26*	
26 29 13 13-0234	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT2)	1,506.28	140.39
		For Factory Installed Accessory, Deduct	*-280.78*	
26 29 13 13-0235	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115V, 3 HP At 230V, 27 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT1)	1,526.80	140.39
		For Factory Installed Accessory, Deduct	*-280.78*	
26 29 13 13-0236	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT3)	1,574.66	148.65
		For Factory Installed Accessory, Deduct	*-297.29*	
26 29 13 13-0237	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115V, 3 HP At 230V, 36 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT2)	1,644.20	148.65
		For Factory Installed Accessory, Deduct	*-297.29*	
26 29 13 13-0238	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200V, 15 HP At 230V, 25 HP At 460/575V, 45 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDT1)	2,395.44	165.17
		For Factory Installed Accessory, Deduct	*-330.33*	

26 29 13 13-0239 Reversing, Magnetic Starters *(26 29 13 13-0083)*

26 29 13 13-0240 Open Enclosure, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0241	EA	Size 00, 1 Phase, 3 Pole, 3/4 HP At 115V, 1 HP At 230V, 9 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO13)	706.63	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0242	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230V, 2 HP At 460/575V, 9 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO16)	742.54	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0243	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115V, 2 HP At 230V, 18 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO1)	820.61	115.61
		For Factory Installed Accessory, Deduct	*-231.23*	
26 29 13 13-0244	EA	Size 0, 1 Phase, 3 Pole, 1 HP At 115V, 2 HP At 230V, 18 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO2)	853.09	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0245	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO10)	873.04	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0246	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115V, 3 HP At 230V, 27 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO2)	934.01	132.14
		For Factory Installed Accessory, Deduct	*-264.26*	
26 29 13 13-0247	EA	Size 1, 1 Phase, 3 Pole, 2 HP At 115V, 3 HP At 230V, 27 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO3)	975.89	144.51
		For Factory Installed Accessory, Deduct	*-289.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0248	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO7)	996.41	144.51
		For Factory Installed Accessory, Deduct	*-289.04*	
26 29 13 13-0249	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200V, 15 HP At 230V, 25 HP At 460/575V, 45 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDO1)	1,669.26	165.17
		For Factory Installed Accessory, Deduct	*-330.33*	
26 29 13 13-0250	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200V, 30 HP At 230V, 50 HP At 460/575V, 90 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEO1)	2,719.64	247.75
		For Factory Installed Accessory, Deduct	*-495.50*	
26 29 13 13-0251	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200V, 50 HP At 230V, 100 HP At 460/575V, 135 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFO1)	6,175.34	371.62
		For Factory Installed Accessory, Deduct	*-743.24*	
26 29 13 13-0252	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200V, 100 HP At 230V, 200 HP At 460/575V, 270 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SGO1)	11,427.12	495.50
		For Factory Installed Accessory, Deduct	*-990.99*	
26 29 13 13-0253	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230V, 600 HP At 460/575V, 810 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SJO1)	36,729.31	908.41
		For Factory Installed Accessory, Deduct	*-1,816.81*	

26 29 13 13-0254 NEMA 1, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0255	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115V, 1 HP At 230V, 9 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG13)	724.30	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0256	EA	Size 00, 1 Phase, 3 Pole, 3/4 HP At 115V, 1 HP At 230V, 9 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG15)	757.93	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0257	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230V, 2 HP At 460/575V, 9 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG16)	778.45	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0258	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115V, 2 HP At 230V, 18 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG1)	854.81	115.61
		For Factory Installed Accessory, Deduct	*-231.23*	
26 29 13 13-0259	EA	Size 0, 1 Phase, 3 Pole, 1 HP At 115V, 2 HP At 230V, 18 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG2)	888.43	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0260	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG4)	908.95	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0261	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115V, 3 HP At 230V, 27 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG2)	985.31	132.14
		For Factory Installed Accessory, Deduct	*-264.26*	
26 29 13 13-0262	EA	Size 1, 1 Phase, 3 Pole, 2 HP At 115V, 3 HP At 230V, 27 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG6)	1,027.19	144.51
		For Factory Installed Accessory, Deduct	*-289.04*	
26 29 13 13-0263	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG8)	1,047.71	144.51
		For Factory Installed Accessory, Deduct	*-289.04*	
26 29 13 13-0264	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200V, 15 HP At 230V, 25 HP At 460/575V, 45 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDG2)	1,802.64	165.17
		For Factory Installed Accessory, Deduct	*-330.33*	
26 29 13 13-0265	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200V, 30 HP At 230V, 50 HP At 460/575V, 90 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEG2)	2,950.49	247.75
		For Factory Installed Accessory, Deduct	*-495.50*	
26 29 13 13-0266	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200V, 50 HP At 230V, 100 HP At 460/575V, 135 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFG3)	6,599.42	371.62
		For Factory Installed Accessory, Deduct	*-743.24*	

26 29 13 13-0267 NEMA 12, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0268	EA	Size 0, 1 Phase, 3 Pole, 3/4 HP At 115V, 1 HP At 230V, 18 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA2)	1,034.35	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0269	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA4)	1,054.87	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0270	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230V, 10 HP At 460/575V, 27 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCA4)	1,193.63	144.51
		For Factory Installed Accessory, Deduct	*-289.04*	
26 29 13 13-0271	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200V, 15 HP At 230V, 25 HP At 460/575V, 45 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDA1)	2,046.60	165.17
		For Factory Installed Accessory, Deduct	*-330.33*	

26 29 13 13-0272 NEMA 4X, Reversing, Magnetic Starters *(26 29 13 13-0239)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0273	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230V, 5 HP At 460/575V, 18 Amp, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBW14)	1,281.73	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0274	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115V, 3 HP At 230V, 27 Amp, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCW11)	1,505.15	132.14
		For Factory Installed Accessory, Deduct	*-264.26*	

26 29 13 13-0275 Magnetic Contactor/Starters Accessories *(26 29 13 13-0083)*

26 29 13 13-0276	EA	NEMA 1 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA2)	96.04	10.32
		For Factory Installed Accessory, Deduct	*-20.64*	
26 29 13 13-0277	EA	NEMA 12 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA3)	160.39	10.32
		For Factory Installed Accessory, Deduct	*-20.64*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0278	EA	NEMA 1 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC2)	96.04	10.32
		For Factory Installed Accessory, Deduct	*-20.64*	
26 29 13 13-0279	EA	NEMA 12 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC8)	160.39	10.32
		For Factory Installed Accessory, Deduct	*-20.64*	
26 29 13 13-0280	EA	NEMA 1 And 12 Enclosure Red Pilot Light Kit, Contactor/Starter Accessory (Square D 9999SP2R)	160.39	10.32
		For Factory Installed Accessory, Deduct	*-20.64*	
26 29 13 13-0281	EA	Internal Nonconvertible Contact Block Kit, 1 Contact, Contactor/Starter Accessory (Square D 9999SX11)	80.86	8.26
		For Factory Installed Accessory, Deduct	*-16.51*	
26 29 13 13-0282	EA	External Convertible Field Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX6)	72.41	8.26
		For Factory Installed Accessory, Deduct	*-16.51*	
26 29 13 13-0283	EA	External Convertible Field Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX8)	96.04	10.32
		For Factory Installed Accessory, Deduct	*-20.64*	
26 29 13 13-0284	EA	External Field Non Convertible Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX13)	80.86	8.26
		For Factory Installed Accessory, Deduct	*-16.51*	
26 29 13 13-0285	EA	External Field Non Convertible Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX15)	107.74	10.32
		For Factory Installed Accessory, Deduct	*-20.64*	
26 29 13 13-0286	EA	30A, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB6)	119.21	8.26
		For Factory Installed Accessory, Deduct	*-16.51*	
26 29 13 13-0287	EA	45A, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB11)	203.06	8.26
		For Factory Installed Accessory, Deduct	*-16.51*	
26 29 13 13-0288	EA	60A, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB21)	215.41	8.26
		For Factory Installed Accessory, Deduct	*-16.51*	
26 29 13 13-0289	EA	30A, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB8)	257.89	10.32
		For Factory Installed Accessory, Deduct	*-20.64*	
26 29 13 13-0290	EA	45A, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB13)	447.04	10.32
		For Factory Installed Accessory, Deduct	*-20.64*	
26 29 13 13-0291	EA	60A, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB23)	447.04	10.32
		For Factory Installed Accessory, Deduct	*-20.64*	
26 29 13 13-0292	EA	Adapter Bracket For Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SBT1)	29.36	6.19
		For Factory Installed Accessory, Deduct	*-12.39*	
26 29 13 13-0293	EA	1 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF3)	58.11	8.26
		For Factory Installed Accessory, Deduct	*-16.51*	
26 29 13 13-0294	EA	2 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF4)	76.54	10.32
		For Factory Installed Accessory, Deduct	*-20.64*	
26 29 13 13-0295	EA	Transient Suppression Module, Contactor/Starter Accessory (Square D 9999ST1)	60.94	10.32
		For Factory Installed Accessory, Deduct	*-20.64*	
26 29 13 13-0296	EA	Terminal Block, Contactor/Starter Accessory (Square D 9999T7)	34.04	6.19
		For Factory Installed Accessory, Deduct	*-12.39*	
26 29 13 13-0297	EA	Closing Plate For NEMA 1 Enclosures, Contactor/Starter Accessory (Square D 9999SG1)	21.69	6.19
		For Factory Installed Accessory, Deduct	*-12.39*	
26 29 13 13-0298	EA	1 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R39)	104.26	8.26
		For Factory Installed Accessory, Deduct	*-16.51*	
26 29 13 13-0299	EA	2 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R40)	178.59	10.32
		For Factory Installed Accessory, Deduct	*-20.64*	

26 29 13 13-0300 Definite Purpose Starters *(26 29 13 13)*

26 29 13 13-0301 Open Enclosure, Definite Purpose Starter *(26 29 13 13-0300)*

26 29 13 13-0302	EA	Open Enclosure, 3 Phase, 3 Pole, 3 HP At 230V, 5 HP At 460/575V, 20 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO13)	367.48	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0303	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115V, 3 HP At 230V, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO22)	366.91	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0304	EA	Open Enclosure, 3 Phase, 3 Pole, 7.5 HP At 230V, 10 HP At 460/575V, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO23)	397.12	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0305	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115V, 5 HP At 230V, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO32)	388.00	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0306	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230V, 15 HP At 460/575V, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO33)	421.63	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0307	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115V, 7-1/2 HP At 230V, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO42)	406.24	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0308	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230V, 20 HP At 460/575V, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO43)	475.18	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0309	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115V, 10 HP At 230V, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO52)	522.49	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0310	EA	Open Enclosure, 3 Phase, 3 Pole, 15 HP At 230V, 30 HP At 460/575V, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO53)	652.70	144.51
		For Factory Installed Accessory, Deduct	*-289.04*	

26 29 13 13-0311 NEMA 1, Definite Purpose Starter *(26 29 13 13-0300)*

26 29 13 13-0312	EA	NEMA 1, 1 Phase, 2 Pole, 1 HP At 115V, 2 HP At 230V, 20 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG12)	370.92	90.84
		For Factory Installed Accessory, Deduct	*-181.68*	
26 29 13 13-0313	EA	NEMA 1, 3 Phase, 3 Pole, 3 HP At 230V, 5 HP At 460/575V, 20 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG13)	401.11	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0314	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115V, 3 HP At 230V, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG22)	399.97	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0315	EA	NEMA 1, 3 Phase, 3 Pole, 7.5 HP At 230V, 10 HP At 460/575V, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG23)	431.89	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0316	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115V, 5 HP At 230V, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG32)	421.63	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0317	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230V, 15 HP At 460/575V, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG33)	455.83	107.36
		For Factory Installed Accessory, Deduct	*-214.72*	
26 29 13 13-0318	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115V, 7-1/2 HP At 230V, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG42)	441.01	99.10
		For Factory Installed Accessory, Deduct	*-198.19*	
26 29 13 13-0319	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230V, 20 HP At 460/575V, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG43)	509.38	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0320	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115V, 10 HP At 230V, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG52)	554.98	123.87
		For Factory Installed Accessory, Deduct	*-247.75*	
26 29 13 13-0321	EA	NEMA 1, 3 Phase, 3 Pole, 15 HP At 230V, 30 HP At 460/575V, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG53)	685.76	144.51
		For Factory Installed Accessory, Deduct	*-289.04*	

26 29 13 13-0322 Definite Purpose Starter Accessory *(26 29 13 13-0300)*

26 29 13 13-0323	EA	Start-Stop Push Button Kit, Definite Purpose Starter Accessory Note: Or Hand-Off-Auto Selector Switch Kit	107.74	10.32
		For Factory Installed Accessory, Deduct	*-20.64*	

26 29 13 13-0324 Panel Mounted Miniature Contactor *(26 29 13 13)*

26 29 13 13-0325 Non Reversing, Panel Mounted Miniature Contactor *(26 29 13 13-0324)*

26 29 13 13-0326	EA	3 Phase (1-1/2 HP At 200/230V, 3 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	115.07	41.29
26 29 13 13-0327	EA	3 Phase (2 HP At 200, 3 HP At 230V, 5 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	133.59	45.42
26 29 13 13-0328	EA	3 Phase (2 HP At 200, 3 HP At 230V, 5 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	133.59	45.42
26 29 13 13-0329	EA	3 Phase (3 HP At 200/230V, 7-1/2 HP At 460V, 10 HP At 575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	148.12	49.55
26 29 13 13-0330	EA	3 Phase (1-1/2 HP At 200/230V, 3 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	125.33	41.29
26 29 13 13-0331	EA	3 Phase (1-1/2 HP At 200/230V, 3 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	131.03	41.29
26 29 13 13-0332	EA	3 Phase (2 HP At 200V, 3 HP At 230V, 5 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	143.28	45.42
26 29 13 13-0333	EA	3 Phase (2 HP At 200V, 3 HP At 230V, 5 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	148.98	45.42
26 29 13 13-0334	EA	3 Phase (2 HP At 200V, 3 HP At 230V, 5 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	146.70	45.42
26 29 13 13-0335	EA	3 Phase (2 HP At 200V, 3 HP At 230V, 5 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	148.98	45.42
26 29 13 13-0336	EA	3 Phase (3 HP At 200/230V, 7-1/2 HP At 460V, 10 HP At 575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 4 Pole, Without Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	159.52	49.55
26 29 13 13-0337	EA	3 Phase (2 HP At 200V, 3 HP At 230V, 5 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	152.40	45.42
26 29 13 13-0338	EA	3 Phase (3 HP At 200/230V, 7-1/2 HP At 460V, 10 HP At 575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	165.22	49.55
26 29 13 13-0339	EA	3 Phase (2 HP At 200V, 3 HP At 230V, 5 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	153.54	45.42
26 29 13 13-0340	EA	3 Phase (2 HP At 200V, 3 HP At 230V, 5 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	153.54	45.42
26 29 13 13-0341	EA	3 Phase (3 HP At 200/230V, 7-1/2 HP At 460V, 10 HP At 575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	170.92	49.55
26 29 13 13-0342	EA	3 Phase (3 HP At 200/230V, 7-1/2 HP At 460V, 10 HP At 575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 4 Pole, Without Auxiliary Contacts, 12 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	170.92	49.55

26 29 13 13-0343 Reversing, Panel Mounted Miniature Contactor *(26 29 13 13-0324)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0344	EA	3 Phase (1-1/2 HP At 200/230V, 3 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	156.68	41.29
26 29 13 13-0345	EA	3 Phase (1-1/2 HP At 200/230V, 3 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	168.08	41.29
26 29 13 13-0346	EA	3 Phase (2 HP At 200V, 3 HP At 230V, 5 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	186.03	45.42
26 29 13 13-0347	EA	3 Phase (2 HP At 200V, 3 HP At 230V, 5 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	186.03	45.42
26 29 13 13-0348	EA	3 Phase (2 HP At 200V, 3 HP At 230V, 5 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	197.43	45.42
26 29 13 13-0349	EA	3 Phase (3 HP At 200/230V, 7-1/2 HP At 460V, 10 HP At 575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	207.97	49.55
26 29 13 13-0350	EA	3 Phase (3 HP At 200/230V, 7-1/2 HP At 460V, 10 HP At 575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 4 Pole, Without Auxiliary Contacts, 12 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	207.97	49.55
26 29 13 13-0351	EA	3 Phase (1-1/2 HP At 200/230V, 3 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	177.77	41.29
26 29 13 13-0352	EA	3 Phase (1-1/2 HP At 200/230V, 3 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	189.17	41.29
26 29 13 13-0353	EA	3 Phase (2 HP At 200V, 3 HP At 230V, 5 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	205.98	45.42
26 29 13 13-0354	EA	3 Phase (2 HP At 200V, 3 HP At 230V, 5 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	217.38	45.42
26 29 13 13-0355	EA	3 Phase (3 HP At 200/230V, 7-1/2 HP At 460V, 10 HP At 575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	231.34	49.55
26 29 13 13-0356	EA	3 Phase (3 HP At 200/230V, 7-1/2 HP At 460V, 10 HP At 575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	242.74	49.55
26 29 13 13-0357	EA	3 Phase (2 HP At 200V, 3 HP At 230V, 5 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	199.71	45.42
26 29 13 13-0358	EA	3 Phase (2 HP At 200V, 3 HP At 230V, 5 HP At 460/575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	226.50	45.42
26 29 13 13-0359	EA	3 Phase (3 HP At 200/230V, 7-1/2 HP At 460V, 10 HP At 575V), 1 Phase (1/2 HP At 115V, 1-1/2 HP At 230V), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	255.28	49.55

26 29 13 13-0360 Panel Mounted Miniature Contactor Accessories *(26 29 13 13-0324)*

26 29 13 13-0361	EA	2 Auxiliary Contacts, 10 Amp, Panel Mounted Miniature Contactor Accessory (Square D LA1KN02)	50.24	20.64
26 29 13 13-0362	EA	4 Auxiliary Contacts, 10 Amp, Panel Mounted Miniature Contactor Accessory (Square D LA1KN40)	54.64	20.64
26 29 13 13-0363	EA	Electronic Time Delay Contact, 2 Amp, Panel Mounted Miniature Contactor Accessory (Square D LA2KT2U)	62.61	20.64
26 29 13 13-0364	EA	Overload Relay, Panel Mounted Miniature Contactor Accessory (Square D LR2K0301)	78.46	20.64

26 29 13 13-0365 Reduced Voltage Auto Transformer Type 240-600 Volt, 3 Pole *(26 29 13 13)*

26 29 13 13-0366 NEMA 1 Enclosure *(26 29 13 13-0365)*

26 29 13 13-0367	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	5,760.99	395.74
26 29 13 13-0368	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	10,103.45	527.65
26 29 13 13-0369	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	17,760.33	626.58
26 29 13 13-0370	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	43,496.32	766.73
26 29 13 13-0371	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	69,453.24	981.10

26 29 13 13-0372 NEMA 12 Enclosure *(26 29 13 13-0365)*

26 29 13 13-0373	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	5,719.74	404.15
26 29 13 13-0374	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	10,028.10	528.47
26 29 13 13-0375	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	17,622.80	624.61
26 29 13 13-0376	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	43,146.74	763.36
26 29 13 13-0377	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	68,891.08	981.51

26 29 13 13-0378 Factory Modifications Pilot Devices *(26 29 13 13-0365)*

26 29 13 13-0379	EA	Start-Stop Push-button, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Pilot Device	145.86	
26 29 13 13-0380	EA	H-O-A Select Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Pilot Device	160.87	
26 29 13 13-0381	EA	Forward-Reverse-Stop, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Pilot Device	273.82	
26 29 13 13-0382	EA	Pilot Light, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Pilot Device	148.78	
26 29 13 13-0383	EA	Fused Control Circuit, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Pilot Device	213.93	
26 29 13 13-0384	EA	Auxiliary Interlock, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Pilot Device	106.96	
26 29 13 13-0385	EA	Auxiliary Relay, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Pilot Device	349.12	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0386		**Factory Modifications Meters** *(26 29 13 13-0365)*		
26 29 13 13-0387	EA	Ammeter And Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Meter	1,403.35	
26 29 13 13-0388	EA	Voltmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Meter	1,355.45	
26 29 13 13-0389	EA	Wattmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Meter	479.19	
26 29 13 13-0390	EA	Elapsed-time Meter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Meter	397.06	
26 29 13 13-0391		**Factory Modifications Main Circuit Breakers** *(26 29 13 13-0365)*		
26 29 13 13-0392	EA	Reduced Voltage Auto Transformer Starter, Size 3, Circuit Breaker, Factory Modification Main Circuit Breaker	1,854.73	
26 29 13 13-0393	EA	Reduced Voltage Auto Transformer Starter, Size 4, Circuit Breaker, Factory Modification Main Circuit Breaker	3,392.08	
26 29 13 13-0394	EA	Reduced Voltage Auto Transformer Starter, Size 5-7, Circuit Breaker, Factory Modification Main Circuit Breaker	7,215.29	
26 29 13 13-0395		**Factory Modifications Addition** *(26 29 13 13-0365)*		
		Note: For reversing service auto transformer type.		
26 29 13 13-0396	EA	Reduced Voltage Auto Transformer Starter, Size 3, Factory Modification For Reversing Type 240 - 600 V, 3 Phase	311.49	
26 29 13 13-0397	EA	Reduced Voltage Auto Transformer Starter, Size 4, Factory Modification For Reversing Type 240 - 600 V, 3 Phase	311.49	
26 29 13 13-0398	EA	Reduced Voltage Auto Transformer Starter, Size 5, Factory Modification For Reversing Type 240 - 600 V, 3 Phase	311.49	
26 29 13 13-0399	EA	Reduced Voltage Auto Transformer Starter, Size 6, 7, Factory Modification For Reversing Type 240 - 600 V, 3 Phase	311.49	
26 29 13 13-0400		**Combination Starters Non-Reversing** *(26 29 13 13)*		
26 29 13 13-0401		**240-600 Volts, 3-Pole** *(26 29 13 13-0400)*		
26 29 13 13-0402		**NEMA 1 With Disconnect Switch** *(26 29 13 13-0401)*		
26 29 13 13-0403	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase	1,070.10	189.63
26 29 13 13-0404	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase	1,323.65	296.80
26 29 13 13-0405	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase	1,836.92	346.27
26 29 13 13-0406	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase	2,772.72	428.71
26 29 13 13-0407	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase	5,065.76	684.29
26 29 13 13-0408	EA	Combination Starter, Size 5, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase	10,006.22	857.43
26 29 13 13-0409		**NEMA 1 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0410	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	1,342.43	189.63
26 29 13 13-0411	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	1,595.99	296.80
26 29 13 13-0412	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	2,101.69	346.27
26 29 13 13-0413	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	2,916.46	428.71
26 29 13 13-0414	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	5,890.33	684.29
26 29 13 13-0415	EA	Combination Starter, Size 5, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	12,192.48	857.43
26 29 13 13-0416		**Factory Modifications For NEMA 1 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0417	EA	Start-Stop Push-button, Factory Modifications - NEMA 1 Combination Motor Starter, 240-600V	124.02	
26 29 13 13-0418	EA	H-O-A Select Switch, Factory Modifications - NEMA 1 Combination Motor Starter, 240-600V	291.29	
26 29 13 13-0419	EA	Pilot Light, Factory Modifications - NEMA 1 Combination Motor Starter, 240-600V	201.04	
26 29 13 13-0420		**NEMA 4 With Disconnect Switch** *(26 29 13 13-0401)*		
26 29 13 13-0421	EA	Combination Starter, Size 0, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase	1,923.56	247.34
26 29 13 13-0422	EA	Combination Starter, Size 1, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase	2,139.51	346.27
26 29 13 13-0423	EA	Combination Starter, Size 2, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase	3,032.85	379.24
26 29 13 13-0424	EA	Combination Starter, Size 3, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase	4,781.73	461.69
26 29 13 13-0425	EA	Combination Starter, Size 4, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase	7,562.18	684.29
26 29 13 13-0426	EA	Combination Starter, Size 5, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase	16,375.88	857.43
26 29 13 13-0427		**NEMA 4 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0428	EA	Combination Starter, Size 0, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	2,195.90	247.34
26 29 13 13-0429	EA	Combination Starter, Size 1, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	2,411.85	346.27
26 29 13 13-0430	EA	Combination Starter, Size 2, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	3,297.63	379.24
26 29 13 13-0431	EA	Combination Starter, Size 3, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	4,925.46	461.69
26 29 13 13-0432	EA	Combination Starter, Size 4, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	8,386.75	684.29
26 29 13 13-0433	EA	Combination Starter, Size 5, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	15,521.04	857.43
26 29 13 13-0434		**Factory Modifications For NEMA 4 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0435	EA	Start-Stop Push-button, Factory Modifications - NEMA 4 Combination Motor Starter, 240-600V	124.04	
26 29 13 13-0436	EA	H-0-A Select Switch, Factory Modifications - NEMA 4 Combination Motor Starter, 240-600V	291.29	
26 29 13 13-0437	EA	Pilot Light, Factory Modifications - NEMA 4 Combination Motor Starter, 240-600V	201.04	
26 29 13 13-0438		**NEMA 12 With Disconnect Switch** *(26 29 13 13-0401)*		
26 29 13 13-0439	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase	1,104.52	190.86
26 29 13 13-0440	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase	1,359.96	298.70
26 29 13 13-0441	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase	1,894.41	343.55
26 29 13 13-0442	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase	2,868.42	429.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0443	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase	5,250.34	687.10
26 29 13 13-0444	EA	Combination Starter, Size 5, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase	10,420.64	858.75
26 29 13 13-0445		**NEMA 12 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0446	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	1,429.71	190.86
26 29 13 13-0447	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	1,686.70	298.70
26 29 13 13-0448	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	2,230.19	343.55
26 29 13 13-0449	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	3,103.37	429.38
26 29 13 13-0450	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	6,300.58	687.10
26 29 13 13-0451	EA	Combination Starter, Size 5, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	13,144.00	858.75
26 29 13 13-0452		**Factory Modifications For NEMA 12 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0453	EA	Start-Stop Push-button, Factory Modifications - NEMA 12 Combination Motor Starter, 240-600V	123.00	
26 29 13 13-0454	EA	H-O-A Select Switch, Factory Modifications - NEMA 12 Combination Motor Starter, 240-600V	288.87	
26 29 13 13-0455	EA	Pilot Light, Factory Modifications - NEMA 12 Combination Motor Starter, 240-600V	199.37	
26 29 13 13-0456		**NEMA 7 Or 9 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0457	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	2,488.11	395.74
26 29 13 13-0458	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	3,368.57	527.65
26 29 13 13-0459	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	3,704.14	725.51
26 29 13 13-0460	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	5,479.57	989.35
26 29 13 13-0461	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase	8,227.78	1,385.08
26 29 13 13-0462		**Factory Modifications For NEMA 7 Or 9 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0463	EA	Start-Stop Push-button, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240-600V	737.56	
26 29 13 13-0464	EA	H-0-A Select Switch, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240-600V	737.56	
26 29 13 13-0465	EA	Pilot Light, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240-600V	737.56	
26 29 13 13-0466		**Combination Starters Reversing** *(26 29 13 13)*		
26 29 13 13-0467		**240-600 Volt, 3 Pole** *(26 29 13 13-0466)*		
26 29 13 13-0468		**NEMA 1 With Disconnect Switch** *(26 29 13 13-0467)*		
26 29 13 13-0469	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase	1,329.28	247.34
26 29 13 13-0470	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase	1,562.34	346.27
26 29 13 13-0471	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase	2,226.48	379.24
26 29 13 13-0472	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase	3,340.52	461.69
26 29 13 13-0473	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase	6,451.89	684.29
26 29 13 13-0474		**NEMA 1 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0475	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	1,472.97	247.34
26 29 13 13-0476	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	1,715.73	346.27
26 29 13 13-0477	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	2,406.04	379.24
26 29 13 13-0478	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	3,093.31	461.69
26 29 13 13-0479	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	6,937.58	684.29
26 29 13 13-0480		**NEMA 12 With Disconnect Switch** *(26 29 13 13-0467)*		
26 29 13 13-0481	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase	1,412.84	254.51
26 29 13 13-0482	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase	1,651.50	343.55
26 29 13 13-0483	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase	2,375.50	381.72
26 29 13 13-0484	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase	3,587.46	458.06
26 29 13 13-0485	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase	6,969.10	687.10
26 29 13 13-0486		**NEMA 12 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0487	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	1,571.17	254.51
26 29 13 13-0488	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	1,820.51	343.55
26 29 13 13-0489	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	2,573.35	381.72
26 29 13 13-0490	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	3,315.08	458.06
26 29 13 13-0491	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	7,504.25	687.10
26 29 13 13-0492		**NEMA 7 Or 9 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0493	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	3,029.67	527.65
26 29 13 13-0494	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	3,278.96	659.56
26 29 13 13-0495	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	4,691.33	857.43
26 29 13 13-0496	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	7,401.84	1,121.25
26 29 13 13-0497	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	13,375.90	1,516.99
26 29 13 13-0498		**Solid State Motor Controllers** *(26 29 13 13)*		
26 29 13 13-0499		**Adjustable Voltage Drives, DC Motors** *(26 29 13 13-0498)*		
26 29 13 13-0500	EA	0.5-1.5 HP DC Solid State Motor Controller, Reversing With Dynamic Braking	1,040.70	148.40
26 29 13 13-0501	EA	0.5-2.0 HP DC Solid State Motor Controller, Non-Reversing With Dynamic Braking	1,241.77	148.40

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0502			Removal And Reinstallation Of Motor Starters *(26 29 13 13)* Note: Includes storage and cleaning.		
	26 29 13 13-0503	EA	Remove And Reinstall Motor Starter With Disconnect Up To 25 HP	588.89	
26 29 13 13-0504			Auxiliary Devices *(26 29 13 13)*		
	26 29 13 13-0505	EA	Auxiliary Contact, Normally Open	321.44	82.45
	26 29 13 13-0506	EA	Auxiliary Contact, Normally Closed	321.44	82.45
	26 29 13 13-0507	EA	Pilot Light Kit	337.23	82.45

26 29 23 Variable-Frequency Motor Controllers *(26 29)*

26 29 23 00-0001			208/230 Volt Variable Frequency Drives *(26 29 23)* Note: 1 or 3 phase. Wall mounted. ABB ACH550 or ACS550 Series. Includes full voltage bypass. NEMA 1 enclosure.		
	26 29 23 00-0002	EA	3/4 HP, 208/230 Volt Variable Frequency Drive	1,448.35	196.78
	26 29 23 00-0003	EA	1 HP, 208/230 Volt Variable Frequency Drive	1,619.35	196.78
	26 29 23 00-0004	EA	1-1/2 HP, 208/230 Volt Variable Frequency Drive	1,875.35	196.78
	26 29 23 00-0005	EA	2 HP, 208/230 Volt Variable Frequency Drive	2,043.35	196.78
	26 29 23 00-0006	EA	3 HP, 208/230 Volt Variable Frequency Drive	2,151.35	196.78
	26 29 23 00-0007	EA	5 HP, 208/230 Volt Variable Frequency Drive	2,221.71	196.78
	26 29 23 00-0008	EA	7.5 HP, 208/230 Volt Variable Frequency Drive	2,477.19	295.75
	26 29 23 00-0009	EA	10 HP, 208/230 Volt Variable Frequency Drive	3,013.18	295.75
	26 29 23 00-0010	EA	15 HP, 208/230 Volt Variable Frequency Drive	3,647.23	393.44
	26 29 23 00-0011	EA	20 HP, 208/230 Volt Variable Frequency Drive	4,217.40	393.44
	26 29 23 00-0012	EA	25 HP, 208/230 Volt Variable Frequency Drive	5,248.26	492.42
	26 29 23 00-0013	EA	30 HP, 208/230 Volt Variable Frequency Drive	6,526.28	492.42
	26 29 23 00-0014	EA	40 HP, 208/230 Volt Variable Frequency Drive	7,951.60	578.19
	26 29 23 00-0015	EA	50 HP, 208/230 Volt Variable Frequency Drive	8,946.11	691.28
	26 29 23 00-0016	EA	60 HP, 208/230 Volt Variable Frequency Drive	10,117.11	691.28
	26 29 23 00-0017	EA	75 HP, 208/230 Volt Variable Frequency Drive	11,906.11	691.28
26 29 23 00-0018			460/480 Volt Variable Frequency Drives *(26 29 23)* Note: 3 Phase. ABB ACH550 or ACS550 Series. Includes full voltage bypass. NEMA 1 enclosure.		
	26 29 23 00-0019	EA	3 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	1,940.73	172.76
	26 29 23 00-0020	EA	5 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	2,084.35	196.78
	26 29 23 00-0021	EA	7.5 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	2,224.19	295.75
	26 29 23 00-0022	EA	10 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	2,471.10	295.76
	26 29 23 00-0023	EA	15 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	3,116.23	393.44
	26 29 23 00-0024	EA	20 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	3,640.69	393.46
	26 29 23 00-0025	EA	25 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	4,570.26	492.44
	26 29 23 00-0026	EA	30 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	5,212.28	492.42
	26 29 23 00-0027	EA	40 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	6,242.60	578.19
	26 29 23 00-0028	EA	50 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	7,389.11	691.28
	26 29 23 00-0029	EA	60 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	8,571.25	739.11
	26 29 23 00-0030	EA	75 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	9,692.37	786.93
	26 29 23 00-0031	EA	100 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	11,563.14	834.52
	26 29 23 00-0032	EA	125 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	13,693.62	881.41
	26 29 23 00-0033	EA	150 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	15,750.51	984.79
	26 29 23 00-0034	EA	200 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	21,128.98	1,079.72
	26 29 23 00-0035	EA	250 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	27,149.49	1,175.18
	26 29 23 00-0036	EA	300 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	31,967.40	1,377.18
	26 29 23 00-0037	EA	350 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	37,117.99	1,560.00
	26 29 23 00-0038	EA	400 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	43,442.24	1,762.81
	26 29 23 00-0039	EA	450 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	46,907.10	1,980.65

26 30 Facility Electrical Power Generating And Storing Equipment *(26)*

26 31 Photovoltaic Collectors *(26 30)*

26 31 00 00-0001			Photovoltaic Collectors *(26 31)* Note: All materials are to be installed per manufacturers specifications and must be in compliance with the		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

California Energy Commission Guidlines (CEC-300-2011-005-CMF). See CSI section 26 28 13 00-0078 for fuses.

26 31 00 00-0002 Rigid Photovoltaic Modules *(26 31)*

26 31 00 00-0003 Sanyo Rigid Photovoltaic Modules *(26 31 00 00-0002)*

26 31 00 00-0004	EA	205 W Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.3% Module Efficiency (Sanyo HIP-205NHKA6)	1,035.62	78.33
		For >50, Deduct	*-87.90*	
26 31 00 00-0005	EA	210 W Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.7% Module Efficiency (Sanyo HIP-210NHKA6)	1,148.31	78.33
		For >50, Deduct	*-99.17*	
26 31 00 00-0006	EA	215 W Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 17.1% Module Efficiency (Sanyo HIP-215HNKA6)	1,077.32	78.33
		For >50, Deduct	*-92.07*	

26 31 00 00-0007 Sharp Rigid Photovoltaic Modules *(26 31 00 00-0002)*

26 31 00 00-0008	EA	224 W Polycrystalline Photovoltaic Module, 64.6" x 39.1", 13.74% Module Efficiency (Sharp ND-224UC1)	867.71	78.33
		For >50, Deduct	*-71.11*	
26 31 00 00-0009	EA	230 W Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.1% Module Efficiency (Sharp NU-U230F3)	981.53	78.33
		For >50, Deduct	*-82.49*	
26 31 00 00-0010	EA	235 W Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.4% Module Efficiency (Sharp NU-U235F1)	999.56	78.33
		For >50, Deduct	*-84.29*	
26 31 00 00-0011	EA	240 W Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.7% Module Efficiency (Sharp NU-U240F1)	943.22	78.33
		For >50, Deduct	*-78.66*	

26 31 00 00-0012 BP Solar Rigid Photovoltaic Modules *(26 31 00 00-0002)*

Note: Approved for applications in NEC Class 1, Division 2, Groups C and D hazardous locations.

26 31 00 00-0013	EA	50 W Polycrystalline Photovoltaic Module, 33" x 21.1" (BP SX350J)	448.45	78.33
		For >50, Deduct	*-29.18*	
26 31 00 00-0014	EA	75 W Polycrystalline Photovoltaic Module, 47.6" x 21.14" (BP SX375J)	544.24	78.33
		For >50, Deduct	*-38.76*	
26 31 00 00-0015	EA	80 W Polycrystalline Photovoltaic Module, 47.6" x 20.9" (BP SX380J)	582.55	78.33
		For >50, Deduct	*-42.59*	

26 31 00 00-0016 Photovoltaic Inverters *(26 31)*

26 31 00 00-0017 Fronius Photovoltaic Inverters *(26 31 00 00-0016)*

26 31 00 00-0018	EA	3 KW Photovoltaic Inverter (Fronius IG Plus 3.0-1)	2,841.28	82.45
26 31 00 00-0019	EA	5 KW Photovoltaic Inverter (Fronius IG Plus 5.0-1)	4,536.14	82.45
26 31 00 00-0020	EA	6 KW Photovoltaic Inverter (Fronius IG Plus 6.0-1)	4,671.36	82.45
26 31 00 00-0021	EA	7.5 KW Photovoltaic Inverter (Fronius IG Plus 7.5-1)	5,674.30	82.45
26 31 00 00-0022	EA	10 KW Photovoltaic Inverter (Fronius IG Plus 10.0-1)	6,250.39	82.45
26 31 00 00-0023	EA	12 KW Photovoltaic Inverter (Fronius IG Plus 12.0-3-1)	7,258.73	82.45
26 31 00 00-0024	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3 Delta)	8,239.49	164.89
26 31 00 00-0025	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3)	8,352.18	164.89
26 31 00 00-0026	EA	Inverter Display Stand (Fronius 4,045,894)	242.13	41.22

26 31 00 00-0027 SMA Photovoltaic Inverters *(26 31 00 00-0016)*

26 31 00 00-0028	EA	4 KW AC Photovoltaic Inverter (SMA SB 4000US)	2,942.70	82.45
26 31 00 00-0029	EA	5 KW AC Photovoltaic Inverter (SMA SB 5000US)	3,793.51	82.45
26 31 00 00-0030	EA	6 KW AC Photovoltaic Inverter (SMA SB 6000US)	4,007.62	82.45
26 31 00 00-0031	EA	7 KW AC Photovoltaic Inverter (SMA SB 7000US)	4,288.22	82.45
26 31 00 00-0032	EA	8 KW AC Photovoltaic Inverter (SMA SB 8000US)	4,671.36	82.45
26 31 00 00-0033	EA	36 KW AC Tower Photovoltaic Inverter (SMA ST36)	23,952.58	329.78
26 31 00 00-0034	EA	42 KW AC Tower Photovoltaic Inverter (SMA ST42)	25,862.68	329.78

26 31 00 00-0035 SatCon Photovoltaic Inverters *(26 31 00 00-0016)*

26 31 00 00-0036	EA	30 KW Photovoltaic Inverter (Satcon PVS-30)	31,328.69	494.67
		For 50 Amp Max, 4 Input Strings Sub-Combiners, Add	*1,870.91*	
		For 40 Amp Max, 5 Input Strings Sub-Combiners, Add	*1,947.89*	
26 31 00 00-0037	EA	50 KW Photovoltaic Inverter (Satcon PVS-50)	36,580.72	494.67
		For 80 Amp Max, 4 Input Strings Sub-Combiners, Add	*1,598.45*	
		For 63 Amp Max, 5 Input Strings Sub-Combiners, Add	*1,661.59*	
26 31 00 00-0038	EA	75 KW Photovoltaic Inverter (Satcon PVS-75)	50,518.04	659.56
		For 100 Amp Max, 5 Input Strings Sub-Combiners, Add	*1,101.09*	
		For 80 Amp Max, 6 Input Strings Sub-Combiners, Add	*1,178.94*	
26 31 00 00-0039	EA	100 KW Photovoltaic Inverter (Satcon PVS-100)	54,071.30	659.56
		For 110 Amp Max, 5 Input Strings Sub-Combiners, Add	*1,101.09*	
		For 100 Amp Max, 6 Input Strings Sub-Combiners, Add	*1,178.94*	
26 31 00 00-0040	EA	135 KW Photovoltaic Inverter (Satcon PVS-135)	73,807.32	824.45
		For 160 Amp Max, 5 Input Strings Sub-Combiners, Add	*2,036.12*	
		For 100 Amp Max, 9 Input Strings Sub-Combiners, Add	*2,065.52*	
26 31 00 00-0041	EA	250 KW Photovoltaic Inverter (Satcon PVS-250-2UL), 208V Or 240V	124,457.56	1,071.78
		For 100 Amp Max, 2x12 Input Strings Sub-Combiners, Add	*5,526.23*	
		For 160 Amp Max, 10 Input Strings Sub-Combiners, Add	*2,580.18*	
		For 100 Amp Max, 15 Input Strings Sub-Combiners, Add	*1,650.34*	
26 31 00 00-0042	EA	250 KW Photovoltaic Inverter (Satcon PVS-250-4UL), 480V	130,744.09	1,071.78
		For 100 Amp Max, 2x12 Input Strings Sub-Combiners, Add	*5,526.23*	
		For 160 Amp Max, 10 Input Strings Sub-Combiners, Add	*2,580.18*	
		For 100 Amp Max, 15 Input Strings Sub-Combiners, Add	*1,650.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0043	EA	375 KW Photovoltaic Inverter (Satcon PVS-375-4UL), 480V	168,929.71	1,236.67
		For 160 Amp Max, 15 Input Strings Sub-Combiners, Add	*3,628.51*	
		For 110 Amp Max, 20 Input Strings Sub-Combiners, Add	*2,099.26*	
		For 100 Amp Max, 24 Input Strings Sub-Combiners, Add	*2,408.91*	
26 31 00 00-0044	EA	500KW Photovoltaic Inverter (Satcon PVS-500-4UL), 480V	204,928.72	1,401.56
		For 200 Amp Max, 2x15 Input Strings Sub-Combiners, Add	*7,635.00*	
		For 160 Amp Max, 20 Input Strings Sub-Combiners, Add	*5,851.45*	
		For 100 Amp Max, 30 Input Strings Sub-Combiners, Add	*7,025.21*	

26 31 00 00-0045 PVPowered Photovoltaic Inverters *(26 31 00 00-0016)*

26 31 00 00-0046	EA	120V, 1.1 KW Photovoltaic Inverter (PVPowered PVP1100)	2,356.86	82.45
26 31 00 00-0047	EA	240V, 2 KW Photovoltaic Inverter (PVPowered PVP2000)	2,462.99	82.45
26 31 00 00-0048	EA	240V, 2.5 KW Photovoltaic Inverter (PVPowered PVP2500)	2,716.80	82.45
26 31 00 00-0049	EA	240V, 3.5 KW Photovoltaic Inverter (PVPowered PVP3500)	3,224.09	103.05
26 31 00 00-0050	EA	208V, 4.6 KW Photovoltaic Inverter (PVPowered PVP4600)	3,929.84	123.67
26 31 00 00-0051	EA	240V, 4.8 KW Photovoltaic Inverter (PVPowered PVP4800)	3,962.14	123.67
26 31 00 00-0052	EA	240V, 5.2 KW Photovoltaic Inverter (PVPowered PVP5200)	4,177.18	123.67
26 31 00 00-0053	EA	208V, 75 KW Photovoltaic Inverter (PVPowered PVP75kW)	52,300.08	659.56
26 31 00 00-0054	EA	480V, 75 KW Photovoltaic Inverter (PVPowered PVP75kW)	46,733.19	659.56
26 31 00 00-0055	EA	208V, 100 KW Photovoltaic Inverter (PVPowered PVP100kW)	58,509.30	659.56
26 31 00 00-0056	EA	480V, 100 KW Photovoltaic Inverter (PVPowered PVP100kW)	52,695.62	659.56

26 31 00 00-0057 Solectria Photovoltaic Inverters *(26 31 00 00-0016)*

26 31 00 00-0058	EA	208 Or 480V, 13 KW Photovoltaic Inverter (Solectria PVI 13KW)	11,428.62	164.89
26 31 00 00-0059	EA	208V, 15 KW, Photovoltaic Inverter (Solectria PVI 15KW)	11,968.40	164.89
26 31 00 00-0060	EA	480V, 15 KW Photovoltaic Inverter (Solectria PVI 15KW)	12,269.29	164.89
26 31 00 00-0061	EA	208V, 60 KW Photovoltaic Inverter (Solectria PVI 60KW)	36,881.11	494.67
26 31 00 00-0062	EA	480V, 60 KW Photovoltaic Inverter (Solectria PVI 60KW)	36,732.36	494.67
26 31 00 00-0063	EA	480V, 82 KW Photovoltaic Inverter (Solectria PVI 82KW)	38,343.42	659.56
26 31 00 00-0064	EA	208V, 95 KW Photovoltaic Inverter (Solectria PVI 95KW)	46,659.94	659.56
26 31 00 00-0065	EA	480V, 95 KW Photovoltaic Inverter (Solectria PVI 95KW)	43,026.82	659.56

26 31 00 00-0066 Xantrex Photovoltaic Inverters *(26 31 00 00-0016)*

26 31 00 00-0067	EA	0.6 KW Photovoltaic Inverter (Xantrex 806-1206)	333.37	20.61
26 31 00 00-0068	EA	1 KW Photovoltaic Inverter (Xantrex 806-1210)	362.39	20.61
26 31 00 00-0069	EA	2 KW Photovoltaic Inverter (Xantrex 806-1220)	575.64	20.61

26 31 00 00-0070 Photovoltaic DC-DC Converters *(26 31)*

26 31 00 00-0071	EA	15 Amp, 20 To 35V Input, 13.8V Output DC Voltage Converter (Samlex SDC-20) Note: Hazardous locations.	206.07	30.92
26 31 00 00-0072	EA	20 Amp, 20 To 35V Input, 13.8V Output DC Voltage Converter (Samlex SDC-23)	142.97	30.92
26 31 00 00-0073	EA	60 Amp, 20 To 35V Input, 13.8V Output DC Voltage Converter (Samlex SDC-60)	368.35	30.92

26 31 00 00-0074 Photovoltaic Combiner Boxes *(26 31)*

26 31 00 00-0075 Midnight Solar Photovoltaic Combiner Boxes *(26 31 00 00-0074)*

26 31 00 00-0076	EA	3 150VDC Breaker Or 3 600 VDC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV3)	246.03	82.45
26 31 00 00-0077	EA	6 150VDC Breaker Or 4 600 VDC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV6)	264.06	82.45
26 31 00 00-0078	EA	12 150VDC Breaker Or 10 600 VDC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12)	416.38	123.67
26 31 00 00-0079	EA	6 300VDC Breaker, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12-250)	426.52	123.67
26 31 00 00-0080	EA	16 600VDC Breaker, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV16)	624.85	123.67

26 31 00 00-0081 SMA Photovoltaic Combiner Boxes *(26 31 00 00-0074)*

26 31 00 00-0082	EA	6 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SBCB-6)	558.18	82.45
26 31 00 00-0083	EA	12 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-12)	711.44	82.45
26 31 00 00-0084	EA	28 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-28)	1,473.58	164.89
26 31 00 00-0085	EA	52 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-52)	2,332.28	164.89
26 31 00 00-0086	EA	4 Input NEMA 3R, Steel Combination DC Disconnect And Photovoltaic Combiner Box (SMA Combi-Switch)	801.59	82.45

26 31 00 00-0087 Photovoltaic Charge Controller *(26 31)*

26 31 00 00-0088	EA	35 Amp, 12 Or 24V, Charge Controller (Xantrex C-35)	167.76	30.92
26 31 00 00-0089	EA	40 Amp, 12 Or 24V, Charge Controller (Xantrex C-40)	218.47	30.92
26 31 00 00-0090	EA	60 Amp, 12 Or 24V, Charge Controller (Xantrex C-60)	252.28	30.92
26 31 00 00-0091	EA	Remote Digital Meter For Xantrex C-35, 40 And 60	197.06	30.92
26 31 00 00-0092	EA	MPPT Charge Controller (Xantrex XW SCC)	648.10	41.22

26 31 00 00-0093 Photovoltaic Batteries *(26 31)*

26 31 00 00-0094 Concorde Photovoltaic Batteries *(26 31 00 00-0093)*

26 31 00 00-0095	EA	34Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-340T)	163.29	12.37
26 31 00 00-0096	EA	45Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-420T)	188.43	16.49
26 31 00 00-0097	EA	49Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-490T)	199.69	16.49
26 31 00 00-0098	EA	56Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-560T)	248.87	24.74
26 31 00 00-0099	EA	69Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-690T)	264.65	24.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0100	EA	89Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-890T)	312.33	28.85
26 31 00 00-0101	EA	104Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1040T)	356.64	32.97
26 31 00 00-0102	EA	108Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1080T)	375.80	32.97
26 31 00 00-0103	EA	210Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2120T)	601.16	39.16
26 31 00 00-0104	EA	255Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2580T)	729.23	41.22
26 31 00 00-0105		**Deka Photovoltaic Batteries** *(26 31 00 00-0093)*		
26 31 00 00-0106	EA	31 AH Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8GU1)	157.36	20.64
26 31 00 00-0107	EA	50 AH Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G22NF)	212.58	20.64
26 31 00 00-0108	EA	74 AH Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G24)	308.37	20.64
26 31 00 00-0109	EA	86 AH Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G27)	351.19	20.64
26 31 00 00-0110	EA	98 AH Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G31)	352.31	20.64
26 31 00 00-0111	EA	183 AH Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G4D)	672.35	20.64
26 31 00 00-0112	EA	225 AH Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G8D)	776.03	20.64
26 31 00 00-0113		**Battery Enclosures** *(26 31 00 00-0093)*		
26 31 00 00-0114	EA	14" x 12" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge 55-2501-010)	176.45	20.61
26 31 00 00-0115	EA	22" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS1GC)	822.23	20.64
26 31 00 00-0116	EA	37" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS2GCL)	773.77	20.64
26 31 00 00-0117	EA	37" x 16" x 14.5" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS4GC)	1,027.33	20.64
26 31 00 00-0118	EA	15" x 17.1" x 8.4" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSLCF1)	463.88	20.64
26 31 00 00-0119	EA	31" x 36" x 14" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSBR827BP)	1,075.78	20.64
26 31 00 00-0120		**Photovoltaic System Monitoring** *(26 31)*		
26 31 00 00-0121	EA	Solar Inverter Monitor (Xantrex 864-0203)	371.16	41.22
26 31 00 00-0122	EA	Photovoltaic System Monitoring, Remote Diagnosis, Data Storage Communication Hub (SMA Sunny WebBox)	624.95	20.61
26 31 00 00-0123	EA	Sun Radiation And Temperature Monitor (SMA Sunny SensorBox)	601.29	20.61
26 31 00 00-0124	EA	PT100 Ambient Temperature Sensor For Sunny SensorBox (SMA)	93.06	20.61
26 31 00 00-0125	EA	Wind Sensor Accessory For Sunny SensorBox (SMA)	217.68	41.22
26 31 00 00-0126	EA	Sunny Boy Control with RS485 (SMA)	828.92	20.61
26 31 00 00-0127	EA	RS 485 Module (SMA)	176.45	20.61
26 31 00 00-0128	EA	RS 232 Module (SMA)	176.45	20.61
26 31 00 00-0129	EA	Wireless Monitor with Bluetooth (SMA Sunny Beam)	405.87	
26 31 00 00-0130	EA	Bluetooth Piggy-Back Computer Card (SMA)	228.29	20.61
26 31 00 00-0131	EA	RS485-N Communication Computer Card (SMA)	161.80	20.61
26 31 00 00-0132	EA	Bluetooth Repeater (SMA)	635.10	20.61
26 31 00 00-0133	EA	Sunny Boy PC Service Cable (SMA)	218.59	6.18
26 31 00 00-0134	EA	Integrated Revenue Grade Meter, Option (PVPowered)	2,890.50	
26 31 00 00-0135	EA	Data Monitoring Module (PVPowered PVM1010)	309.42	20.61
26 31 00 00-0136	EA	Wireless IG Personal Display (Fronius 4,240,108)	381.08	
26 31 00 00-0137	EA	DatCom Power Supply (Fronius 43,0001,2311)	105.58	
26 31 00 00-0138	EA	Wireless Card For IG Personal Display (Fronius 4,240,008,Z)	188.84	20.61
26 31 00 00-0139	EA	Retrofit Solar Inverter Interface And Power Supply Option Communication Card (Fronius 4,240,001,Z)	184.34	20.61
26 31 00 00-0140	EA	Datalogger Pro Box (Fronius 4,240,102)	781.59	20.61
26 31 00 00-0141	EA	Datalogger Easy Box (Fronius 4,240,103)	508.88	20.61
26 31 00 00-0142	EA	Datalogger Interface Box (Fronius 4,240,105)	881.89	20.61
26 31 00 00-0143	EA	Datalogger Web (Fronius 4,240,122)	1,396.88	20.61
26 31 00 00-0144	EA	Interface Box (Fronius 4,240,109)	408.59	20.61
26 31 00 00-0145	EA	Interface Card (Fronius 4,240,009,Z)	250.82	20.61
26 31 00 00-0146	EA	Interface Card Easy (Fronius 4,240,013,Z)	227.16	20.61
26 31 00 00-0147	EA	Sensor Box (Fronius 4,240,104)	781.59	20.61
26 31 00 00-0148	EA	Ambient Temperature Sensor (Fronius 43,0001,1188)	94.18	20.61
26 31 00 00-0149	EA	Irradiance Sensor (Fronius 43,0001,1188)	285.76	20.61
26 31 00 00-0150	EA	Module Temperature Sensor (Fronius 43,0001,1190)	152.78	20.61
26 31 00 00-0151	EA	Wind Speed Sensor (Fronius 42,0411,0027)	171.48	41.22
26 31 00 00-0152		**Photovoltaic System Accessories** *(26 31)*		
26 31 00 00-0153	EA	Four Inverter Bypass Switch (OutBack AC-IOB-100Q)	500.79	41.22
26 31 00 00-0154	EA	Line Communication Filter (Enphase LCF)	996.49	82.45
26 31 00 00-0155	EA	15 Meter RS 485 Communication Cable (SMA)	123.93	6.18
26 31 00 00-0156	EA	15 Meter RS 232 Communication Cable (SMA)	123.93	6.18
26 31 00 00-0157	EA	24" #10AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	20.83	2.04
26 31 00 00-0158	EA	36" #10AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	21.96	2.04
26 31 00 00-0159	EA	48" #10AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	23.08	2.04
26 31 00 00-0160	EA	72" #10AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	25.34	2.04
26 31 00 00-0161	EA	120" #10AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	28.72	2.04
26 31 00 00-0162	EA	240" #10AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	46.18	4.08
26 31 00 00-0163	EA	360" #10AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	61.95	4.08
26 31 00 00-0164	EA	420" #10AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	74.89	6.12
26 31 00 00-0165	EA	36" #10AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	25.90	2.04
26 31 00 00-0166	EA	120" #10AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	35.48	2.04
26 31 00 00-0167	EA	240" #10AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	52.94	4.08
26 31 00 00-0168	EA	360" #10AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	69.84	4.08
26 31 00 00-0169	EA	600" #10AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	114.33	8.16
26 31 00 00-0170	EA	1200" #10AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	174.62	8.16
26 31 00 00-0171	EA	Lighting Kit, 9W Fluorescent, 12 V 4.5 Amp Hour Battery Note: Tamper proof enclosure.	2,031.41	222.60
26 31 00 00-0172		**Photovoltaic Mounting Systems** *(26 31)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0173	LF	Anodized Aluminum Photovoltaic Module Mounting Rail (UNIRAC SolarMount Standard)	7.79	2.06
26 31 00 00-0174	EA	Splice Bar For Photovoltaic Module Mounting Rail (UNIRAC 310229)	24.33	10.30
26 31 00 00-0175	EA	Splice Plate For Photovoltaic Module Mounting Rail (UNIRAC 310216)	29.60	10.30
26 31 00 00-0176	EA	8" x 3/8" Hanger Bolt (UNIRAC 310046) Note: Supports mounting rail above tile or metal roof.	15.03	4.12
26 31 00 00-0177	EA	Mounting Rail Grounding Clip (UNIRAC 980006) Note: One grounding clip for every two top mounting clamps (end clamps + mid clamps) in your installation. Only one of the two rails in each row requires grounding clips.	7.66	3.09
26 31 00 00-0178	EA	Mounting Rail Grounding Lugs (UNIRAC 980012) Note: Two grounding lugs for each rail splice and one additional lug for each rail.	15.29	4.12
26 31 00 00-0179	EA	Anodized Aluminum Photovoltaic Module Mounting End Clamp (UNIRAC 320002) Note: Four for each row of modules you plan to mount.	4.15	1.37
26 31 00 00-0180	EA	Anodized Aluminum Photovoltaic Module Mounting Mid Clamp (UNIRAC 320008) Note: For each row, take one less than the number of modules in the row and multiply that figure by 2.	4.31	1.37
26 31 00 00-0181	EA	Photovoltaic Module Mount L-Feet (UNIRAC 310065)	11.18	4.12
26 31 00 00-0182	EA	12" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310121) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	65.20	20.61
26 31 00 00-0183	EA	30" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310122) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	70.88	20.61
26 31 00 00-0184	EA	44" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310123) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	75.93	20.61
26 31 00 00-0185	EA	12" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310107) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	95.91	30.92
26 31 00 00-0186	EA	44" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310108) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	113.58	30.92
26 31 00 00-0187	EA	72" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310109) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	129.98	30.92
26 31 00 00-0188	EA	18" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310111) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	146.19	41.22
26 31 00 00-0189	EA	64" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310112) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	189.10	41.22
26 31 00 00-0190	EA	104" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310110) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	266.92	61.83
26 31 00 00-0191	EA	Ballasted Photovoltaic Module Frame (UNIRAC 310351) Note: Excludes ballast.	127.46	
26 31 00 00-0192	EA	Ballasted Photovoltaic Module Frame With Module Mount (UNIRAC 310355) Note: Excludes ballast.	234.31	
26 31 00 00-0193	EA	3" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310051)	53.00	20.61
26 31 00 00-0194	EA	4" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310052)	53.53	20.61
26 31 00 00-0195	EA	6" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310053)	54.05	20.61
26 31 00 00-0196	EA	7" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310054)	55.31	20.61
26 31 00 00-0197	EA	3" High Aluminum Photovoltaic Module Standoff (UNIRAC 310553)	49.69	20.61
26 31 00 00-0198	EA	4" High Aluminum Photovoltaic Module Standoff (UNIRAC 310554)	50.32	20.61
26 31 00 00-0199	EA	6" High Aluminum Photovoltaic Module Standoff (UNIRAC 310555)	51.63	20.61
26 31 00 00-0200	EA	7" High Aluminum Photovoltaic Module Standoff (UNIRAC 310556)	52.37	20.61
26 31 00 00-0201	EA	3" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310390)	90.39	30.92
26 31 00 00-0202	EA	4" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310391)	90.70	30.92
26 31 00 00-0203	EA	7" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310394)	91.46	30.92
26 31 00 00-0204	EA	Photovoltaic Module Rapidfoot Standoff Assembly (UNIRAC 310370)	96.54	30.92
26 31 00 00-0205	EA	Photovoltaic Module Standoff Flashing (UNIRAC 990103)	18.66	4.12
26 31 00 00-0206	EA	Photovoltaic Module Standoff EPDM Patch (UNIRAC 990161)	12.68	4.12
26 31 00 00-0207	EA	1/4" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004030M-0100)	25.75	6.18
26 31 00 00-0208	EA	3/8" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004031M-0100)	27.02	6.18
26 31 00 00-0209	EA	Photovoltaic Module Standing Seam Metal Roof Mounting Clamp (UNIRAC 004032M-0100) Note: Mid or end clamp.	6.54	1.37
26 31 00 00-0210	EA	Photovoltaic Module Tile Roof Mounting Hook (UNIRAC 905011C-0024)	28.71	4.12
26 31 00 00-0211	EA	Photovoltaic Module Wire Clip (UNIRAC 908002S-0100)	1.72	

26 32 Packaged Generator Assemblies *(26 30)*

26 32 13 Engine Generators *(26 32)*

See CSI section 23 13 23 13-0001 for fuel storage tanks.

26 32 13 13 Diesel-Engine-Driven Generator Sets *(26 32 13)*

26 32 13 13-0001 Diesel Generator Sets *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes manufacturer's representative at startup. Excludes fuel tank, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0594 for loadbank rental, 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0002	EA	25 KW Diesel Generator Set, 3 Phase (Cummins DSKCA)	15,645.97	714.80
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*2,897.30*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*9,090.54*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*7,377.03*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*14,267.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0003	EA	35 KW Diesel Generator Set, 3 Phase (Cummins DSFAA)	19,747.28	880.10
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*2,897.30*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*9,090.54*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*7,377.03*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*14,267.57*	
26 32 13 13-0004	EA	40 KW Diesel Generator Set, 3 Phase (Cummins DSFAB)	20,365.59	964.99
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*2,897.30*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*9,090.54*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*7,377.03*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*14,267.57*	
26 32 13 13-0005	EA	50 KW Diesel Generator Set, 3 Phase (Cummins DSFAC)	21,894.50	1,107.94
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*2,897.30*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*9,090.54*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*7,377.03*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*14,267.57*	
26 32 13 13-0006	EA	60 KW Diesel Generator Set, 3 Phase (Cummins DSFAD)	23,436.78	1,273.24
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*2,897.30*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*9,090.54*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*7,377.03*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*14,267.57*	
26 32 13 13-0007	EA	80 KW Diesel Generator Set, 3 Phase (Cummins DSFAE)	26,158.64	1,492.16
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*2,897.30*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*9,090.54*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*7,377.03*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*14,267.57*	
26 32 13 13-0008	EA	100 KW Diesel Generator Set, 3 Phase (Cummins DSGAA)	30,528.97	1,733.40
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,394.59*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*13,898.65*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*9,464.86*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*15,171.62*	
26 32 13 13-0009	EA	125 KW Diesel Generator Set, 3 Phase (Cummins DSGAB)	31,701.15	2,055.07
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,394.59*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*13,898.65*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*9,464.86*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*15,171.62*	
26 32 13 13-0010	EA	150 KW Diesel Generator Set, 3 Phase (Cummins DSGAC)	34,942.77	2,265.04
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,394.59*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*13,898.65*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*9,464.86*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*15,171.62*	
26 32 13 13-0011	EA	175 KW Diesel Generator Set, 3 Phase (Cummins DSHAB)	40,456.21	2,528.63
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,394.59*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*13,898.65*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*9,464.86*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*15,171.62*	
26 32 13 13-0012	EA	200 KW Diesel Generator Set, 3 Phase (Cummins DSHAC)	56,338.56	2,769.87
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,394.59*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*13,898.65*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*9,464.86*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*15,171.62*	
26 32 13 13-0013	EA	230 KW Diesel Generator Set, 3 Phase (Cummins DSHAD)	48,461.48	2,926.23
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,394.59*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*13,898.65*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*9,464.86*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*15,171.62*	
26 32 13 13-0014	EA	250 KW Diesel Generator Set, 3 Phase (Cummins DQDAA)	50,634.15	3,046.86
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*28,500.00*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*42,077.03*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*34,566.22*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*51,433.78*	
26 32 13 13-0015	EA	275 KW Diesel Generator Set, 3 Phase (Cummins DQHAA)	55,164.95	3,212.15
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*28,500.00*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*42,077.03*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*34,566.22*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*51,433.78*	
26 32 13 13-0016	EA	300 KW Diesel Generator Set, 3 Phase (Cummins DQHAB)	56,304.43	3,355.11
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*28,500.00*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*42,077.03*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*34,566.22*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*51,433.78*	
26 32 13 13-0017	EA	350 KW Diesel Generator Set, 3 Phase (Cummins DFEG)	63,976.55	3,752.73
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*28,500.00*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*42,077.03*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*34,566.22*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*51,433.78*	
26 32 13 13-0018	EA	400 KW Diesel Generator Set, 3 Phase (Cummins DFEH)	69,203.46	4,110.13
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*28,500.00*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*42,077.03*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*34,566.22*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*51,433.78*	
26 32 13 13-0019	EA	450 KW Diesel Generator Set, 3 Phase (Cummins DFEJ)	78,497.50	4,427.32
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*28,500.00*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*42,077.03*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*34,566.22*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*51,433.78*	
26 32 13 13-0020	EA	500 KW Diesel Generator Set, 3 Phase (Cummins DFEK)	82,872.90	4,717.71
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*28,500.00*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*42,077.03*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*34,566.22*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*51,433.78*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0021		EA	600 KW Diesel Generator Set, 3 Phase (Cummins DQCA)	120,522.02	5,195.74
			For Weather Resistant Steel Diesel Generator Enclosure, Add	*58,220.27*	
			For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*93,481.08*	
			For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*68,478.38*	
			For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*108,904.05*	
26 32 13 13-0022		EA	750 KW Diesel Generator Set, 3 Phase (Cummins DQCB)	137,925.11	5,713.97
			For Weather Resistant Steel Diesel Generator Enclosure, Add	*58,220.27*	
			For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*93,481.08*	
			For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*68,478.38*	
			For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*108,904.05*	
26 32 13 13-0023		EA	800 KW Diesel Generator Set, 3 Phase (Cummins DQCC)	143,984.83	5,839.07
			For Weather Resistant Steel Diesel Generator Enclosure, Add	*58,220.27*	
			For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*93,481.08*	
			For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*68,478.38*	
			For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*108,904.05*	
26 32 13 13-0024		EA	900 KW Diesel Generator Set, 3 Phase (Cummins DQFAC)	175,374.14	6,294.75
			For Weather Resistant Steel Diesel Generator Enclosure, Add	*58,220.27*	
			For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*93,481.08*	
			For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*68,478.38*	
			For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*108,904.05*	
26 32 13 13-0025		EA	1000 KW Diesel Generator Set, 3 Phase (Cummins DQFAD)	195,470.30	6,701.29
			For Weather Resistant Steel Diesel Generator Enclosure, Add	*58,220.27*	
			For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*93,481.08*	
			For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*68,478.38*	
			For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*108,904.05*	

26 32 13 19 Natural Gas-Engine-Driven Generator Sets *(26 32 13)*

26 32 13 19-0001 Natural Gas Or Propane Generator Sets *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes manufacturer's representative at startup. Excludes fuel tank, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0594 for loadbank rental, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0002		EA	20 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMA)	12,472.51	598.64
			For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,635.14*	
			For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*9,090.54*	
			For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*2,854.05*	
			For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*4,735.14*	
26 32 13 19-0003		EA	25 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMB)	14,094.62	714.80
			For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,635.14*	
			For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*9,090.54*	
			For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*2,854.05*	
			For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*4,735.14*	
26 32 13 19-0004		EA	29 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMC)	15,083.31	795.22
			For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,635.14*	
			For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*9,090.54*	
			For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*2,854.05*	
			For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*4,735.14*	
26 32 13 19-0005		EA	35 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPA)	16,424.80	880.10
			For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,635.14*	
			For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*9,090.54*	
			For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*8,072.97*	
			For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*13,550.00*	
26 32 13 19-0006		EA	40 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPB)	16,919.80	964.99
			For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,635.14*	
			For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*9,090.54*	
			For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*8,072.97*	
			For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*13,550.00*	
26 32 13 19-0007		EA	60 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHE)	18,983.00	1,273.24
			For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,635.14*	
			For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*9,090.54*	
			For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*8,072.97*	
			For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*13,550.00*	
26 32 13 19-0008		EA	70 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHF)	20,198.15	1,425.14
			For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,635.14*	
			For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*9,090.54*	
			For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*8,072.97*	
			For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*13,550.00*	
26 32 13 19-0009		EA	85 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHG)	24,180.53	1,523.43
			For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,802.70*	
			For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*13,898.65*	
			For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*9,464.86*	
			For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*13,550.00*	
26 32 13 19-0010		EA	100 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHH)	26,245.08	1,715.53
			For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,802.70*	
			For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*13,898.65*	
			For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*9,464.86*	
			For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*13,550.00*	
26 32 13 19-0011		EA	125 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLA)	32,897.29	2,055.07
			For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,802.70*	
			For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*13,898.65*	
			For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*9,464.86*	
			For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*13,550.00*	
26 32 13 19-0012		EA	150 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLB)	37,465.50	2,265.04
			For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,802.70*	
			For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*13,898.65*	
			For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*9,464.86*	
			For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*13,550.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0013	EA	175 KW Natural Gas Generator Set, 3 Phase (Cummins GFBA)	90,418.26	6,024.82
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*25,629.73*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*37,828.38*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*28,022.97*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*42,051.35*	
26 32 13 19-0014	EA	205 KW Natural Gas Generator Set, 3 Phase (Cummins GFBB)	96,333.01	2,720.73
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*25,629.73*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*37,828.38*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*28,022.97*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*42,051.35*	
26 32 13 19-0015	EA	250 KW Natural Gas Generator Set, 3 Phase (Cummins GFBC)	97,556.62	3,046.86
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*25,629.73*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*37,828.38*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*28,022.97*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*42,051.35*	
26 32 13 19-0016	EA	300 KW Natural Gas Generator Set, 3 Phase (Cummins GFEA)	134,109.62	3,355.11
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*25,629.73*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*37,828.38*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*28,022.97*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*42,051.35*	
26 32 13 19-0017	EA	350 KW Natural Gas Generator Set, 3 Phase (Cummins GFEB)	135,475.66	3,752.73
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*25,629.73*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*37,828.38*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*28,022.97*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*42,051.35*	
26 32 13 19-0018	EA	450 KW Natural Gas Generator Set, 3 Phase (Cummins GFGA)	190,422.15	4,427.32
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*55,963.51*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*79,281.08*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*63,564.86*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*89,839.19*	
26 32 13 19-0019	EA	500 KW Natural Gas Generator Set, 3 Phase (Cummins GFJB)	259,119.40	4,717.71
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*55,963.51*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*79,281.08*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*63,564.86*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*89,839.19*	
26 32 13 19-0020	EA	550 KW Natural Gas Generator Set, 3 Phase (Cummins GFJC)	272,660.06	4,972.37
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*55,963.51*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*79,281.08*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*63,564.86*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*89,839.19*	
26 32 13 19-0021	EA	600 KW Natural Gas Generator Set, 3 Phase (Cummins GFLA)	310,618.43	5,195.74
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*55,963.51*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*79,281.08*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*63,564.86*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*89,839.19*	
26 32 13 19-0022	EA	650 KW Natural Gas Generator Set, 3 Phase (Cummins GFLB)	324,788.05	5,392.31
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*55,963.51*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*79,281.08*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*63,564.86*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*89,839.19*	
26 32 13 19-0023	EA	725 KW Natural Gas Generator Set, 3 Phase (Cummins GFLC)	343,526.70	5,763.11
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*55,963.51*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*79,281.08*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*63,564.86*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*89,839.19*	

26 32 13 19-0024 Small Natural Gas Or Propane Air Cooled Generator Sets *(26 32 13 19)*

26 32 13 19-0025	EA	7.5 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 100 A automatic transfer switch.	3,062.81	381.90
26 32 13 19-0026	EA	10 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	3,848.67	424.34
26 32 13 19-0027	EA	14 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	4,528.95	514.48

26 32 13 26 AC To DC Electrical Conversion *(26 32 13)*

26 32 13 26-0001 60 Hz AC Input 230 Or 460 Volts, 125 Volt DC Output *(26 32 13 26)*

26 32 13 26-0002	EA	3 KW, 24 Amp, 125 VDC, Rectifier 230 Or 460 AC To DC Conversion	4,689.78	164.89
26 32 13 26-0003	EA	5 KW, 40 Amp, 125 VDC, Rectifier 230 Or 460 AC To DC Conversion	5,692.69	164.89
26 32 13 26-0004	EA	7.5 KW, 60 Amp, 125 VDC, Rectifier 230 Or 460 AC To DC Conversion	7,511.79	164.89
26 32 13 26-0005	EA	10 KW, 80 Amp, 125 VDC, Rectifier 230 Or 460 AC To DC Conversion	7,570.17	164.89
26 32 13 26-0006	EA	15 KW, 120 Amp, 125 VDC, Rectifier 230 Or 460 AC To DC Conversion	8,416.00	206.11
26 32 13 26-0007	EA	20 KW, 160 Amp, 125 VDC, Rectifier 230 Or 460 AC To DC Conversion	9,105.10	206.11
26 32 13 26-0008	EA	25 KW, 200 Amp, 125 VDC, Rectifier 230 Or 460 AC To DC Conversion	9,528.85	206.11
26 32 13 26-0009	EA	40 KW, 320 Amp, 125 VDC, Rectifier 230 Or 460 AC To DC Conversion	11,616.71	272.07
26 32 13 26-0010	EA	50 KW, 400 Amp, 125 VDC, Rectifier 230 Or 460 AC To DC Conversion	12,894.22	272.07

26 32 13 26-0011 60 Hz AC Input, 230 Or 460 Volts, 250 Volts DC Output *(26 32 13 26)*

26 32 13 26-0012	EA	3 KW, 12 Amp, 250 VDC, Rectifier 230 Or 460 AC To DC Conversion	5,415.84	164.89
26 32 13 26-0013	EA	5 KW, 20 Amp, 250 VDC, Rectifier 230 Or 460 AC To DC Conversion	6,440.75	164.89
26 32 13 26-0014	EA	7.5 KW, 30 Amp, 250 VDC, Rectifier 230 Or 460 AC To DC Conversion	7,353.82	164.89
26 32 13 26-0015	EA	10 KW, 40 Amp, 250 VDC, Rectifier 230 Or 460 AC To DC Conversion	7,555.35	164.89
26 32 13 26-0016	EA	15 KW, 60 Amp, 250 VDC, Rectifier 230 Or 460 AC To DC Conversion	8,568.48	206.11
26 32 13 26-0017	EA	20 KW, 80 Amp, 250 VDC, Rectifier 230 Or 460 AC To DC Conversion	9,412.02	206.11
26 32 13 26-0018	EA	25 KW, 100 Amp, 250 VDC, Rectifier 230 Or 460 AC To DC Conversion	9,718.94	206.11
26 32 13 26-0019	EA	40 KW, 160 Amp, 250 VDC, Rectifier 230 Or 460 AC To DC Conversion	11,571.17	272.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 26-0020	EA	50 KW, 200 Amp, 250 VDC, Rectifier 230 Or 460 AC To DC Conversion	12,266.20	272.07

26 32 29 Rotary Converters *(26 32)*

26 32 29 00-0001 460 Volt 3 Phase AC Motor Drive 250 Volt DC *(26 32 29)*

26 32 29 00-0002	EA	33 KW, 460 VAC Drive Motor To 250 VDC, AC To DC Electrical Conversion	15,020.14	3,127.27
26 32 29 00-0003	EA	40 KW, 460 VAC Drive Motor To 250 VDC, AC To DC Electrical Conversion	16,796.52	3,127.27
26 32 29 00-0004	EA	50 KW, 460 VAC Drive Motor To 250 VDC, AC To DC Electrical Conversion	19,175.22	4,467.53
26 32 29 00-0005	EA	65 KW, 460 VAC Drive Motor To 250 VDC, AC To DC Electrical Conversion	22,206.48	4,467.53
26 32 29 00-0006	EA	85 KW, 460 VAC Drive Motor To 250 VDC, AC To DC Electrical Conversion	25,066.35	4,467.53
26 32 29 00-0007	EA	100 KW, 460 VAC Drive Motor To 250 VDC, AC To DC Electrical Conversion	29,643.86	6,701.30
26 32 29 00-0008	EA	125 KW, 460 VAC Drive Motor To 250 VDC, AC To DC Electrical Conversion	36,180.08	6,701.30

26 32 29 00-0009 4160 Volt 3 Phase AC Motor Drive 250 Or 500 Volt DC *(26 32 29)*

26 32 29 00-0010	EA	170 KW, 4160 VAC Drive Motor - 250 VDC, AC To DC Electrical Conversion	51,419.93	8,935.06
26 32 29 00-0011	EA	200 KW, 4160 VAC Drive Motor - 250 VDC, AC To DC Electrical Conversion	56,089.73	8,935.06
26 32 29 00-0012	EA	240 KW, 4160 VAC Drive Motor - 250 VDC, AC To DC Electrical Conversion	67,397.51	11,615.58
26 32 29 00-0013	EA	320 KW, 4160 VAC Drive Motor - 250 VDC, AC To DC Electrical Conversion	76,723.10	14,117.40
26 32 29 00-0014	EA	400 KW, 4160 VAC Drive Motor - 250 VDC, AC To DC Electrical Conversion	90,593.79	14,117.40
26 32 29 00-0015	EA	560 KW, 4160 VAC Drive Motor - 250 VDC, AC To DC Electrical Conversion	128,116.18	21,086.74
26 32 29 00-0016	EA	640 KW, 4160 VAC Drive Motor - 250 VDC, AC To DC Electrical Conversion	133,111.66	21,086.74
26 32 29 00-0017	EA	800 KW, 4160 VAC Drive Motor - 250 VDC, AC To DC Electrical Conversion	152,886.06	24,571.42

26 33 Battery Equipment *(26 30)*

26 33 13 Batteries *(26 33)*

26 33 13 00-0001 Standby Batteries *(26 33 13)*

26 33 13 00-0002	EA	12 Volt, 100 Ah To 10.5 Volts Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery	589.81	20.64
26 33 13 00-0003	EA	12 Volt, 100 Ah To 10.5 Volts Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery With Steel Jacket	636.29	20.64
26 33 13 00-0004	EA	725CCA, Group 31, 12 Volt Lead Calcium Standby Battery	189.04	20.64
26 33 13 00-0005	EA	810CCA, Group 24, 12 Volt Lead Calcium Standby Battery	172.79	20.64
26 33 13 00-0006	EA	1080CCA, Group 4D, 12 Volt Lead Calcium Standby Battery	288.66	20.64
26 33 13 00-0007	EA	1400CCA, Group 8D, 12 Volt Lead Calcium Standby Battery	333.56	20.64

26 33 43 Battery Chargers *(26 33)*

26 33 43 00-0001 Battery Charging Equipment *(26 33 43)*

26 33 43 00-0002 Solid State Chargers, Single Phase *(26 33 43 00-0001)*

Note: Includes wall bracket, 10' of DC charging cable and standard connector, 208/240/480 V.

26 33 43 00-0003	EA	Solid State Battery Charger, 6 Cell Single Phase With Wall Bracket, 208/240/480 V	1,881.76	471.08
26 33 43 00-0004	EA	Solid State Battery Charger, 9 Cell Single Phase With Wall Bracket, 208/240/480 V	2,176.96	471.08
26 33 43 00-0005	EA	Solid State Battery Charger, 12 Cell Single Phase With Wall Bracket, 208/240/480 V	2,393.11	471.08
26 33 43 00-0006	EA	Solid State Battery Charger, 18 Cell Single Phase With Wall Bracket, 208/240/480 V	2,541.90	557.76

26 33 53 Static Uninterruptible Power Supply *(26 33)*

26 33 53 00-0001 Single Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53)*

26 33 53 00-0002 Single Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53 00-0001)*

26 33 53 00-0003 120 VAC Output, 120 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)*

Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.

26 33 53 00-0004	EA	0.5 kVA, 450 W, 120 VAC Output, 120 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-500RT120) Note: Includes 12 minutes of battery backup at full load.	769.63	81.62
26 33 53 00-0005	EA	0.7 kVA, 630 W, 120 VAC Output, 120 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT120) Note: Includes 6 minutes of battery backup at full load.	919.09	95.22
26 33 53 00-0006	EA	1 kVA, 900 W, 120 VAC Output, 120 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT120) Note: Includes 5 minutes of battery backup at full load.	1,131.99	108.82
26 33 53 00-0007	EA	1.5 KVA, 1,350 W, 120 VAC Output, 120 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT120) Note: Includes 5 minutes of battery backup at full load.	1,381.76	122.44
26 33 53 00-0008	EA	2 KVA, 1,800 W, 120 VAC Output, 120 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT120) Note: Includes 4 minutes of battery backup at full load.	1,770.93	136.04
26 33 53 00-0009	EA	3 KVA, 2,700 W, 120 VAC Output, 120 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT120) Note: Includes 4 minutes of battery backup at full load.	2,928.94	190.45

26 33 53 00-0010 208 VAC Output, 208 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)*

Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0011	EA	3 KVA, 2,700 W, 208 VAC Output, 208 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT208) Note: Includes 4 minutes of battery backup at full load.	2,876.84	190.45
26 33 53 00-0012		120/208 VAC Output, 120/208 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 50 or 60 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0013	EA	5 KVA, 4,000 W, 120/208 VAC Output, 120/208 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT208) Note: Includes 5 minutes of battery backup at full load.	4,307.16	217.66
26 33 53 00-0014	EA	6 KVA, 4,800 W, 120/208 VAC Output, 120/208 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT208) Note: Includes 4 minutes of battery backup at full load.	4,710.91	244.86
26 33 53 00-0015	EA	8 KVA, 7,200 W, 120/208 VAC Output, 120/208 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-8000RT208) Note: Includes 7 minutes of battery backup at full load.	7,037.37	299.27
26 33 53 00-0016	EA	10 KVA, 9,000 W, 120/208 VAC Output, 120/208 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT208) Note: Includes 4-1/2 minutes of battery backup at full load.	8,087.75	326.48
26 33 53 00-0017		230 VAC Output, 230 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0018	EA	0.7 KVA, 630 W, 230 VAC Output, 230 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT230) Note: Includes 11 minutes of battery backup at full load.	919.09	95.22
26 33 53 00-0019	EA	1 KVA, 900 W, 230 VAC Output, 230 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT230) Note: Includes 6 minutes of battery backup at full load.	1,131.99	108.82
26 33 53 00-0020	EA	1.5 KVA, 1,350 W, 230 VAC Output, 230 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT230) Note: Includes 4 minutes of battery backup at full load.	1,397.15	122.44
26 33 53 00-0021	EA	2 KVA, 1,800 W, 230 VAC Output, 230 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT230) Note: Includes 4 minutes of battery backup at full load.	1,774.64	136.04
26 33 53 00-0022	EA	3 KVA, 2,700 W, 230 VAC Output, 230 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT230) Note: Includes 4 minutes of battery backup at full load.	2,940.51	190.45
26 33 53 00-0023	EA	5 KVA, 4,000 W, 230 VAC Output, 230 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT230) Note: Includes 9 minutes of battery backup at full load.	4,133.17	217.66
26 33 53 00-0024	EA	6 KVA, 4,800 W, 230 VAC Output, 230 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT230) Note: Includes 6 minutes of battery backup at full load.	5,072.65	244.86
26 33 53 00-0025	EA	10 KVA, 9,000 W, 230 VAC Output, 230 VAC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT230) Note: Includes 3 minutes of battery backup at full load.	7,839.03	326.48
26 33 53 00-0026		Optional Accessories For Single Phase, Uninterruptible Power Supply Systems *(26 33 53 00-0001)*		
26 33 53 00-0027	EA	External Battery Cabinet For 0.5 To 2 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-48VBATT) Note: Rack mount or tower configuration.	622.06	54.41
26 33 53 00-0028	EA	External Battery Cabinet For 3 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-72VBATT) Note: Rack mount or tower configuration.	778.57	54.41
26 33 53 00-0029	EA	External Battery Cabinet For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATT) Note: Rack mount or tower configuration.	843.60	81.62
26 33 53 00-0030	EA	External Battery Cabinet For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTVBATT) Note: Rack mount or tower configuration.	719.53	108.82
26 33 53 00-0031	EA	Replacement Internal Battery For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATKIT)	655.16	81.62
26 33 53 00-0032	EA	Replacement Internal Battery For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTBKIT)	737.60	108.82
26 33 53 00-0033		Three Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53)*		
26 33 53 00-0034		Three Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53 00-0033)*		
26 33 53 00-0035		480 VAC Output, 480 VAC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0034)* Note: Includes start-up, 60 Hz frequency, bypass switch and diagnostics.		
26 33 53 00-0036	EA	30 kVA, 24 KW, 480 VAC Output, 480 VAC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA030A0A6E)	20,740.74	707.38
		For 208/208 VAC, Add	*795.73*	
		For MBC 2-Breaker, Add	*4,056.74*	
		For 34 Minute Battery, Add	*10,239.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0037	EA	40 kVA, 32 KW, 480 VAC Output, 480 VAC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA040A0A6E)	24,720.30	870.62
		For 208/208 VAC, Add	*888.26*	
		For MBC 2-Breaker, Add	*4,551.96*	
		For 23 Minute Battery, Add	*11,043.60*	
		For 37 Minute Battery, Add	*12,608.10*	
26 33 53 00-0038	EA	50 kVA, 40 KW, 480 VAC Output, 480 VAC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA050A0A6E)	27,292.75	1,088.28
		For 208/208 VAC, Add	*1,003.24*	
		For MBC 2-Breaker, Add	*4,551.96*	
		For 18 Minute Battery, Add	*10,404.61*	
		For 28 Minute Battery, Add	*12,740.00*	
		For 35 Minute Battery, Add	*13,504.70*	
26 33 53 00-0039	EA	65 kVA, 52 KW, 480 VAC Output, 480 VAC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA065A0A6E)	31,047.30	1,360.34
		For 208/208 VAC, Add	*1,161.62*	
		For MBC 2-Breaker, Add	*5,573.39*	
		For 12 Minute Battery, Add	*11,454.21*	
		For 19 Minute Battery, Add	*13,073.93*	
		For 25 Minute Battery, Add	*13,830.47*	
		For 30 Minute Battery, Add	*18,407.29*	
26 33 53 00-0040	EA	80 kVA, 64 KW, 480 VAC Output, 480 VAC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA080A0A6E)	33,101.57	1,632.41
		For 208/208 VAC, Add	*1,161.62*	
		For MBC 3-Breaker, Add	*5,573.39*	
		For 15 Minute Battery, Add	*13,197.60*	
		For 19 Minute Battery, Add	*15,084.47*	
		For 33 Minute Battery, Add	*24,580.19*	
26 33 53 00-0041	EA	100 kVA, 80 KW, 480 VAC Output, 480 VAC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA100A0A6E)	35,802.96	1,904.48
		For 208/208 VAC, Add	*1,298.62*	
		For MBC 3-Breaker, Add	*6,009.58*	
		For 11 Minute Battery, Add	*13,987.43*	
		For 17 Minute Battery, Add	*20,966.74*	
		For 25 Minute Battery, Add	*25,425.74*	
		For 35 Minute Battery, Add	*28,603.21*	
26 33 53 00-0042	EA	130 kVA, 104 KW, 480 VAC Output, 480 VAC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA130A0A6E)	39,087.66	2,176.55
		For 208/208 VAC, Add	*1,366.18*	
		For MBC 3-Breaker, Add	*6,532.17*	
		For 11 Minute Battery, Add	*19,421.59*	
		For 17 Minute Battery, Add	*23,327.72*	
		For 25 Minute Battery, Add	*31,087.19*	
		For 30 Minute Battery, Add	*37,524.04*	
26 33 53 00-0043	EA	225 kVA, 180 KW, 480 VAC Output, 480 VAC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Series 610, U39SA229AAAK)	49,510.08	2,448.62
		For Customer Alarm Interface, Add	*393.61*	
		For Alarm Status Contacts, Add	*474.19*	
		For Maintenance Bypass Interface, Add	*554.77*	
		For Communication Interface, Add	*619.86*	
		For Flush Mount Remote Status Panel, Add	*781.03*	
		For SNMP, Add	*976.29*	
		For Load Bus Sync Board, Add	*1,456.68*	
		For Input Filter with Disconnect, Add	*1,907.94*	
		For Isolation Transformer, Add	*6,260.63*	
		For Two Breaker Matching Maintenance Bypass Cabinet, Add	*6,972.86*	
		For Load Bus Sync Control Panel With Start Up, Add	*7,000.13*	
		For Three Breaker Matching Maintenance Bypass Cabinet, Add	*7,530.73*	
		For VRLA 12 Minute Battery, Add	*33,137.23*	
		For VRLA 14 Minute Battery, Add	*35,682.40*	
		For VRLA 22 Minute Battery, Add	*44,748.85*	
		For VRLA 37 Minute Battery, Add	*66,603.87*	
26 33 53 00-0044	EA	300 kVA, 240 KW, 480 VAC Output, 480 VAC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Series 610, U39SA300AAAA)	63,579.19	2,720.69
		For Customer Alarm Interface, Add	*393.61*	
		For Alarm Status Contacts, Add	*474.19*	
		For Maintenance Bypass Interface, Add	*554.77*	
		For Communication Interface, Add	*619.86*	
		For Flush Mount Remote Status Panel, Add	*781.03*	
		For SNMP, Add	*976.29*	
		For Load Bus Sync Board, Add	*1,456.68*	
		For Input Filter with Disconnect, Add	*2,083.36*	
		For Load Bus Sync Control Panel With Start Up, Add	*7,000.13*	
		For Isolation Transformer, Add	*7,351.60*	
		For Two Breaker Matching Maintenance Bypass Cabinet, Add	*8,410.94*	
		For Three Breaker Matching Maintenance Bypass Cabinet, Add	*9,628.97*	
		For VRLA 14 Minute Battery, Add	*44,798.32*	
		For VRLA 17 Minute Battery, Add	*53,206.17*	
		For VRLA 26 Minute Battery, Add	*66,661.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0045	EA	500 kVA, 400 KW, 480 VAC Output, 480 VAC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Series 610, U39SA500AAAA)	99,976.80	3,264.82
		For Customer Alarm Interface, Add	*501.09*	
		For Alarm Status Contacts, Add	*603.67*	
		For Maintenance Bypass Interface, Add	*706.25*	
		For Communication Interface, Add	*789.11*	
		For Flush Mount Remote Status Panel, Add	*994.29*	
		For SNMP, Add	*1,242.86*	
		For Load Bus Sync Board, Add	*1,854.42*	
		For Input Filter with Disconnect, Add	*5,900.12*	
		For Two Breaker Maintenance Bypass Switchboard, Add	*8,199.69*	
		For Load Bus Sync Control Panel With Start Up, Add	*8,965.92*	
		For 12 Pulse With Isolation Transformer, Add	*11,178.39*	
		For Three Breaker Maintenance Bypass Switchboard, Add	*12,468.80*	
		For VRLA 12 Minute Battery, Add	*71,919.54*	

26 33 53 00-0046 Optional Accessories For Three Phase, Uninterruptible Power Supply Systems *(26 33 53 00-0033)*

26 33 53 00-0047	EA	Programmable Relay Board For Liebert® Npower™ Uninterruptible Power Supply Systems	453.13	41.22
26 33 53 00-0048	EA	Network Interface Card For Liebert® Npower™ Uninterruptible Power Supply Systems	727.72	41.22
26 33 53 00-0049	EA	Remote Status Panel With 100' Of Cable For Liebert® Npower™ Uninterruptible Power Supply Systems	1,402.41	82.45
26 33 53 00-0050	EA	Slim Line Distribution Panel With Two 42 Pole Panels For Liebert® Npower™ Uninterruptible Power Supply Systems	4,373.81	329.78

26 33 53 00-0051 Other Uninterruptable Power Supply Equipment *(26 33 53)*

26 33 53 00-0052	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 42 Pole GE Plug-In	2,956.75	75.37
26 33 53 00-0053	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 84 Pole GE Plug-In	3,591.28	150.75
26 33 53 00-0054	EA	GE Plug-In Breakers 1 Pole 15- 60A For UPS Distribution Panel	17.75	4.52
26 33 53 00-0055	EA	GE Plug-In Breakers 2 Pole 15- 40A For UPS Distribution Panel	30.66	5.65
26 33 53 00-0056	EA	GE Plug-In Breakers 2 Pole 50- 80A For UPS Distribution Panel	54.85	5.65
26 33 53 00-0057	EA	GE Plug-In Breakers 3 Pole 15- 60A For UPS Distribution Panel	79.91	7.54
26 33 53 00-0058	EA	GE Plug-In Breakers 3 Pole 70- 100A For UPS Distribution Panel	111.84	7.54
26 33 53 00-0059	EA	Uninterrupted Power Supply Remote Status Panel	2,037.54	75.37
26 33 53 00-0060	EA	Uninterrupted Power Supply Remote Contact Board	693.60	56.53

26 35 Power Filters And Conditioners *(26 30)*

26 35 33 Power Factor Correction Equipment *(26 35)*

26 35 33 00-0001 Power Factor Correction Capacitors *(26 35 33)*

26 35 33 00-0002	EA	Power Factor Correction Capacitors, 2.0 KVAC	642.00
26 35 33 00-0003	EA	Power Factor Correction Capacitors, 3.0 KVAC	711.03
26 35 33 00-0004	EA	Power Factor Correction Capacitors, 4.0 KVAC	780.07
26 35 33 00-0005	EA	Power Factor Correction Capacitors, 5.0 KVAC	846.34
26 35 33 00-0006	EA	Power Factor Correction Capacitors, 7.5 KVAC	1,039.63
26 35 33 00-0007	EA	Power Factor Correction Capacitors, 10.0 KVAC	1,270.20
26 35 33 00-0008	EA	Power Factor Correction Capacitors, 15.0 KVAC	1,961.90
26 35 33 00-0009	EA	Power Factor Correction Capacitors, 20.0 KVAC	2,383.00
26 35 33 00-0010	EA	Power Factor Correction Capacitors, 25.0 KVAC	3,078.85
26 35 33 00-0011	EA	Power Factor Correction Capacitors, 30.0 KVAC	3,501.33
26 35 33 00-0012	EA	Power Factor Correction Capacitors, 50.0 KVAC	6,143.89
26 35 33 00-0013	EA	Power Factor Correction Capacitors, 75.0 KVAC	9,237.93
26 35 33 00-0014	EA	Power Factor Correction Capacitors, 100.0 KVAC	12,318.16
26 35 33 00-0015	EA	Power Factor Correction Capacitors, Fuse Kit	571.59

26 35 53 Voltage Regulators *(26 35)*

26 35 53 00-0001 Voltage Regulators, 480/277 Or 208/120 Volt, 3 Phase *(26 35 53)*

Note: For diesel motor generator sets mounted in switchgear cabinet.

26 35 53 00-0002	EA	50 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 V, 3 Phase In Switchgear	4,196.94	1,310.88
26 35 53 00-0003	EA	75 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 V, 3 Phase In Switchgear	4,879.10	1,648.90
26 35 53 00-0004	EA	100 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 V, 3 Phase In Switchgear	5,507.25	1,962.19

26 36 Transfer Switches *(26 30)*

26 36 13 Manual Transfer Switches *(26 36)*

26 36 13 00-0001 Fused Manual Transfer Switches *(26 36 13)*

26 36 13 00-0002	EA	30 A Manual Transfer Switch, Fused, 3 Pole, 480 V	1,050.81	144.27
26 36 13 00-0003	EA	60 A Manual Transfer Switch, Fused, 3 Pole, 480 V	1,219.62	179.23

26 36 23 Automatic Transfer Switches *(26 36)*

26 36 23 00-0001 Automatic Transfer Switch *(26 36 23)*

26 36 23 00-0002 Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

Note: Programmable, 120/240 volt single phase, 3 wire.

26 36 23 00-0003	EA	100A Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure	1,744.07	297.03
26 36 23 00-0004	EA	200A Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure	2,363.80	381.90
26 36 23 00-0005	EA	400A Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure	3,718.41	509.21

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0006	EA	600A Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure	8,273.01	636.51
26 36 23 00-0007		**Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure** *(26 36 23 00-0001)*		
26 36 23 00-0008	EA	40A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC40)	2,767.14	212.17
		For NEMA 3R Enclosure, Add	*574.33*	
		For NEMA 4 Enclosure, Add	*608.11*	
		For NEMA 12 Enclosure, Add	*608.11*	
26 36 23 00-0009	EA	70A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC70)	3,198.28	254.60
		For NEMA 3R Enclosure, Add	*574.33*	
		For NEMA 4 Enclosure, Add	*608.11*	
		For NEMA 12 Enclosure, Add	*608.11*	
26 36 23 00-0010	EA	125A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC125)	3,522.26	297.03
		For NEMA 3R Enclosure, Add	*574.33*	
		For NEMA 4 Enclosure, Add	*608.11*	
		For NEMA 12 Enclosure, Add	*608.11*	
26 36 23 00-0011	EA	150A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC150)	4,185.08	339.47
		For NEMA 3R Enclosure, Add	*675.68*	
		For NEMA 4 Enclosure, Add	*878.38*	
		For NEMA 12 Enclosure, Add	*608.11*	
26 36 23 00-0012	EA	225A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC225)	4,776.67	381.90
		For NEMA 3R Enclosure, Add	*675.68*	
		For NEMA 4 Enclosure, Add	*878.38*	
		For NEMA 12 Enclosure, Add	*608.11*	
26 36 23 00-0013	EA	260A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC260)	5,272.24	424.34
		For NEMA 3R Enclosure, Add	*675.68*	
		For NEMA 4 Enclosure, Add	*878.38*	
		For NEMA 12 Enclosure, Add	*608.11*	
26 36 23 00-0014	EA	300A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC300)	5,517.55	466.77
		For NEMA 3R Enclosure, Add	*797.30*	
		For NEMA 4 Enclosure, Add	*945.95*	
		For NEMA 12 Enclosure, Add	*675.68*	
26 36 23 00-0015	EA	400A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC400)	6,233.03	509.21
		For NEMA 3R Enclosure, Add	*797.30*	
		For NEMA 4 Enclosure, Add	*945.95*	
		For NEMA 12 Enclosure, Add	*675.68*	
26 36 23 00-0016	EA	600A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC600)	8,519.46	636.51
		For NEMA 3R Enclosure, Add	*797.30*	
		For NEMA 4 Enclosure, Add	*945.95*	
		For NEMA 12 Enclosure, Add	*675.68*	
26 36 23 00-0017	EA	800A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC800)	9,572.55	763.81
		For NEMA 3R Enclosure, Add	*979.73*	
		For NEMA 4 Enclosure, Add	*1,081.09*	
		For NEMA 12 Enclosure, Add	*945.95*	
26 36 23 00-0018	EA	1000A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1000)	12,395.43	1,018.42
		For NEMA 3R Enclosure, Add	*979.73*	
		For NEMA 4 Enclosure, Add	*1,081.09*	
		For NEMA 12 Enclosure, Add	*945.95*	
26 36 23 00-0019	EA	1200A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1200)	16,029.11	1,103.28
		For NEMA 3R Enclosure, Add	*2,162.17*	
		For NEMA 4 Enclosure, Add	*1,216.22*	
		For NEMA 12 Enclosure, Add	*1,013.52*	
26 36 23 00-0020	EA	1600A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1600)	17,115.04	1,273.02
		For NEMA 3R Enclosure, Add	*3,513.52*	
		For NEMA 4 Enclosure, Add	*4,324.33*	
		For NEMA 12 Enclosure, Add	*3,513.52*	
26 36 23 00-0021	EA	2000A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC2000)	19,565.51	1,442.76
		For NEMA 3R Enclosure, Add	*3,513.52*	
		For NEMA 4 Enclosure, Add	*4,324.33*	
		For NEMA 12 Enclosure, Add	*3,513.52*	
26 36 23 00-0022	EA	3000A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC3000)	23,640.77	1,782.23
		For NEMA 3R Enclosure, Add	*3,513.52*	
26 36 23 00-0023	EA	4000A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC4000)	40,774.39	2,121.70
		For NEMA 3R Enclosure, Add	*16,513.52*	
26 36 23 00-0024		**Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure** *(26 36 23 00-0001)*		
26 36 23 00-0025	EA	150A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC150)	13,963.83	1,612.49
		For NEMA 3R Enclosure, Add	*1,182.44*	
		For NEMA 4 Enclosure, Add	*1,216.22*	
		For NEMA 12 Enclosure, Add	*641.90*	
26 36 23 00-0026	EA	225A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC225)	14,580.93	1,697.36
		For NEMA 3R Enclosure, Add	*1,182.44*	
		For NEMA 4 Enclosure, Add	*1,216.22*	
		For NEMA 12 Enclosure, Add	*641.90*	
26 36 23 00-0027	EA	260A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC260)	15,285.91	1,782.23
		For NEMA 3R Enclosure, Add	*1,182.44*	
		For NEMA 4 Enclosure, Add	*1,216.22*	
		For NEMA 12 Enclosure, Add	*641.90*	
26 36 23 00-0028	EA	300A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC300)	17,011.58	1,824.66
		For NEMA 3R Enclosure, Add	*1,182.44*	
		For NEMA 4 Enclosure, Add	*1,216.22*	
		For NEMA 12 Enclosure, Add	*641.90*	
26 36 23 00-0029	EA	400A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC400)	19,562.58	1,867.10
		For NEMA 3R Enclosure, Add	*1,182.44*	
		For NEMA 4 Enclosure, Add	*1,216.22*	
		For NEMA 12 Enclosure, Add	*641.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0030	EA	600A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC600)	23,402.46	1,951.97
		For NEMA 3R Enclosure, Add	*1,182.44*	
		For NEMA 4 Enclosure, Add	*1,216.22*	
		For NEMA 12 Enclosure, Add	*675.68*	
26 36 23 00-0031	EA	800A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC800)	25,764.77	2,036.83
		For NEMA 3R Enclosure, Add	*1,216.22*	
		For NEMA 4 Enclosure, Add	*1,216.22*	
		For NEMA 12 Enclosure, Add	*743.25*	
26 36 23 00-0032	EA	1000A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1000)	32,318.98	2,376.31
		For NEMA 3R Enclosure, Add	*1,216.22*	
		For NEMA 4 Enclosure, Add	*1,216.22*	
		For NEMA 12 Enclosure, Add	*743.25*	
26 36 23 00-0033	EA	1200A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1200)	41,996.07	2,546.04
		For NEMA 3R Enclosure, Add	*5,405.41*	
		For NEMA 4 Enclosure, Add	*6,756.76*	
		For NEMA 12 Enclosure, Add	*5,405.41*	
26 36 23 00-0034	EA	1600A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1600)	54,658.39	2,715.78
		For NEMA 3R Enclosure, Add	*11,486.49*	
		For NEMA 4 Enclosure, Add	*11,486.49*	
		For NEMA 12 Enclosure, Add	*10,702.71*	
26 36 23 00-0035	EA	2000A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC2000)	62,037.99	2,970.38
		For NEMA 3R Enclosure, Add	*11,486.49*	
		For NEMA 4 Enclosure, Add	*11,486.49*	
		For NEMA 12 Enclosure, Add	*10,702.71*	
26 36 23 00-0036	EA	3000A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC3000)	98,925.84	3,394.72
		For NEMA 3R Enclosure, Add	*14,189.19*	
26 36 23 00-0037	EA	4000A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC4000)	106,813.50	3,819.05
		For NEMA 3R Enclosure, Add	*14,189.19*	

26 36 23 00-0038 Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

26 36 23 00-0039	EA	40A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE40)	4,471.89	212.17
		For NEMA 3R Enclosure, Add	*337.84*	
		For NEMA 12 Enclosure, Add	*608.11*	
26 36 23 00-0040	EA	70A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE70)	4,844.19	254.60
		For NEMA 3R Enclosure, Add	*337.84*	
		For NEMA 12 Enclosure, Add	*608.11*	
26 36 23 00-0041	EA	125A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE125)	5,215.87	297.03
		For NEMA 3R Enclosure, Add	*337.84*	
		For NEMA 12 Enclosure, Add	*608.11*	
26 36 23 00-0042	EA	150A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE150)	6,258.41	339.47
		For Four Pole Circuit Breaker, Add	*1,689.19*	
		For NEMA 3R Enclosure, Add	*337.84*	
		For NEMA 12 Enclosure, Add	*608.11*	
26 36 23 00-0043	EA	225A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE225)	8,129.80	381.90
		For Four Pole Circuit Breaker, Add	*1,689.19*	
		For NEMA 3R Enclosure, Add	*337.84*	
		For NEMA 12 Enclosure, Add	*608.11*	
26 36 23 00-0044	EA	250A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE250)	8,661.30	424.34
		For Four Pole Circuit Breaker, Add	*1,689.19*	
		For NEMA 3R Enclosure, Add	*337.84*	
		For NEMA 12 Enclosure, Add	*608.11*	
26 36 23 00-0045	EA	300A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE300)	9,015.64	466.77
		For Four Pole Circuit Breaker, Add	*2,297.30*	
		For NEMA 3R Enclosure, Add	*878.38*	
		For NEMA 12 Enclosure, Add	*675.68*	
26 36 23 00-0046	EA	400A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE400)	10,196.33	509.21
		For Four Pole Circuit Breaker, Add	*2,297.30*	
		For NEMA 3R Enclosure, Add	*878.38*	
		For NEMA 12 Enclosure, Add	*675.68*	
26 36 23 00-0047	EA	600A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE600)	12,378.07	636.51
		For Four Pole Circuit Breaker, Add	*2,297.30*	
		For NEMA 3R Enclosure, Add	*878.38*	
		For NEMA 12 Enclosure, Add	*675.68*	
26 36 23 00-0048	EA	800A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE800)	12,927.54	763.81
		For Four Pole Circuit Breaker, Add	*3,277.03*	
		For NEMA 3R Enclosure, Add	*1,513.52*	
		For NEMA 12 Enclosure, Add	*945.95*	
26 36 23 00-0049	EA	1000A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE1000)	15,294.50	1,018.42
		For Four Pole Circuit Breaker, Add	*3,277.03*	
		For NEMA 3R Enclosure, Add	*1,513.52*	
		For NEMA 12 Enclosure, Add	*945.95*	

26 36 23 00-0050 Accessories *(26 36 23)*

26 36 23 00-0051	EA	Auxiliary Contacts For Automatic Transfer Switch	156.76
26 36 23 00-0052	EA	Battery Charger For Automatic Transfer Switch	1,283.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0053	EA	Elevator Relay Signal For Automatic Transfer Switch	466.22	

26 36 33 Non-Automatic Transfer Switches *(26 36)*

26 36 33 00-0001 Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 33)*

26 36 33 00-0002	EA	40A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT40)	1,883.79	212.17
		For NEMA 3R Enclosure, Add	*574.33*	
		For NEMA 12 Enclosure, Add	*540.54*	
26 36 33 00-0003	EA	70A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT70)	2,095.03	254.60
		For NEMA 3R Enclosure, Add	*574.33*	
		For NEMA 12 Enclosure, Add	*540.54*	
26 36 33 00-0004	EA	125A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT125)	2,381.22	297.03
		For NEMA 3R Enclosure, Add	*574.33*	
		For NEMA 12 Enclosure, Add	*540.54*	
26 36 33 00-0005	EA	150A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT150)	2,244.74	339.47
		For NEMA 3R Enclosure, Add	*675.68*	
		For NEMA 12 Enclosure, Add	*540.54*	
26 36 33 00-0006	EA	225A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT225)	3,629.43	381.90
		For NEMA 3R Enclosure, Add	*675.68*	
		For NEMA 12 Enclosure, Add	*540.54*	
26 36 33 00-0007	EA	260A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT260)	4,078.54	424.34
		For NEMA 3R Enclosure, Add	*675.68*	
		For NEMA 12 Enclosure, Add	*540.54*	
26 36 33 00-0008	EA	300A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT300)	4,534.47	466.77
		For NEMA 3R Enclosure, Add	*797.30*	
		For NEMA 12 Enclosure, Add	*675.68*	
26 36 33 00-0009	EA	400A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT400)	5,308.18	509.21
		For NEMA 3R Enclosure, Add	*797.30*	
		For NEMA 12 Enclosure, Add	*675.68*	
26 36 33 00-0010	EA	600A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT600)	7,005.50	636.51
		For NEMA 3R Enclosure, Add	*797.30*	
		For NEMA 12 Enclosure, Add	*675.68*	
26 36 33 00-0011	EA	800A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT800)	7,900.63	763.81
		For NEMA 3R Enclosure, Add	*979.73*	
		For NEMA 12 Enclosure, Add	*945.95*	
26 36 33 00-0012	EA	1000A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT1000)	10,441.04	1,018.42
		For NEMA 3R Enclosure, Add	*979.73*	
		For NEMA 12 Enclosure, Add	*945.95*	

26 40 Electrical And Cathodic Protection *(26)*

26 41 Facility Lightning Protection *(26 40)*

26 41 13 Lightning Protection For Structures *(26 41)*

26 41 13 00-0001 Lightning Protection *(26 41 13)*

26 41 13 00-0002 Air Terminals For Lightning Protection *(26 41 13 00-0001)*

26 41 13 00-0003 Copper Lightning Protection Air Terminals *(26 41 13 00-0002)*

26 41 13 00-0004	EA	3/8" x 10" Copper Lightning Protection Air Terminal	50.95	8.25
26 41 13 00-0005	EA	1/2" x 12" Copper Lightning Protection Air Terminal	63.21	8.25
26 41 13 00-0006	EA	5/8" x 12" Copper Lightning Protection Air Terminal	82.60	8.25
26 41 13 00-0007	EA	1/2" x 24" Copper Lightning Protection Air Terminal	91.81	8.25
26 41 13 00-0008	EA	1/2" x 60" Copper Lightning Protection Air Terminal	178.85	16.49

26 41 13 00-0009 Aluminum Lightning Protection Air Terminals *(26 41 13 00-0002)*

26 41 13 00-0010	EA	3/8" x 10" Aluminum Lightning Protection Air Terminal	29.77	8.25
26 41 13 00-0011	EA	1/2" x 12" Aluminum Lightning Protection Air Terminal	38.37	8.25
26 41 13 00-0012	EA	5/8" x 12" Aluminum Lightning Protection Air Terminal	47.09	8.25
26 41 13 00-0013	EA	1/2" x 24" Aluminum Lightning Protection Air Terminal	52.60	8.25
26 41 13 00-0014	EA	1/2" x 60" Aluminum Lightning Protection Air Terminal	98.15	16.49

26 41 13 00-0015 Terminal Bases For Lightning Protection *(26 41 13 00-0001)*

26 41 13 00-0016 Copper Lightning Protection Terminal Bases *(26 41 13 00-0015)*

26 41 13 00-0017	EA	Adhesive Base For Copper Lightning Protection Terminal	66.70	24.74
26 41 13 00-0018	EA	Bolted Base For Copper Lightning Protection Terminal	87.01	32.97
26 41 13 00-0019	EA	Hinged Base For Copper Lightning Protection Terminal	118.00	41.22
26 41 13 00-0020	EA	Side Mounted Base For Copper Lightning Protection Terminal	87.01	32.97
26 41 13 00-0021	EA	Offset Point Support For Copper Lightning Protection Terminal	93.26	32.97
26 41 13 00-0022	EA	Concealed Base Assembly For Copper Lightning Protection Terminal	164.83	65.96
26 41 13 00-0023	EA	36" Tripod Base For 60" Copper Lightning Protection Terminal	116.37	41.22
26 41 13 00-0024	EA	Intermediate Base For Copper Lightning Protection Terminal	66.70	24.74

26 41 13 00-0025 Aluminum Lightning Protection Terminal Bases *(26 41 13 00-0015)*

26 41 13 00-0026	EA	Adhesive Base For Aluminum Lightning Protection Terminal	53.09	24.74
26 41 13 00-0027	EA	Bolted Base For Aluminum Lightning Protection Terminal	78.06	32.97
26 41 13 00-0028	EA	Hinged Base For Aluminum Lightning Protection Terminal	101.51	41.22
26 41 13 00-0029	EA	Side Mounted Base For Aluminum Lightning Protection Terminal	78.19	32.97
26 41 13 00-0030	EA	Offset Point Support For Aluminum Lightning Protection Terminal	80.05	32.97
26 41 13 00-0031	EA	Concealed Base Assembly For Aluminum Lightning Protection Terminal	147.69	65.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 41 13 00-0032	EA	36" Tripod Base For 60" Aluminum Lightning Protection Terminal	112.95	41.22
26 41 13 00-0033	EA	Intermediate Base For Aluminum Lightning Protection Terminal	53.09	24.74
26 41 13 00-0034		Connectors *(26 41 13 00-0001)*		
26 41 13 00-0035		Copper Cable Connectors *(26 41 13 00-0034)*		
26 41 13 00-0036	EA	Thru Wall Cable Connector For Copper Lightning Protection System	134.54	41.22
26 41 13 00-0037	EA	Thru Roof Adapter Assembly For Copper Lightning Protection System	181.71	65.96
26 41 13 00-0038	EA	Beam Connector For Copper Lightning Protection System	119.14	41.22
26 41 13 00-0039	EA	Double Bolt Cable Connector For Copper Lightning Protection System	28.94	8.25
26 41 13 00-0040	EA	Cable To Bar Connector For Copper Lightning Protection System	29.89	8.25
26 41 13 00-0041	EA	Tee Connector For Copper Lightning Protection Terminal	90.51	24.74
26 41 13 00-0042		Aluminum Cable Connectors *(26 41 13 00-0034)*		
26 41 13 00-0043	EA	Thru Wall Cable Connector For Aluminum Lightning Protection System	107.21	41.22
26 41 13 00-0044	EA	Thru Roof Adapter Assembly For Aluminum Lightning Protection System	155.31	65.96
26 41 13 00-0045	EA	Beam Connector For Aluminum Lightning Protection System	103.23	41.22
26 41 13 00-0046	EA	Double Bolt Cable Connector For Aluminum Lightning Protection System	22.73	8.25
26 41 13 00-0047	EA	Tee Connector For Aluminum Lightning Protection Terminal	67.60	24.74
26 41 13 00-0048		Bonding Plates *(26 41 13 00-0001)*		
26 41 13 00-0049		Copper Bonding Plates *(26 41 13 00-0048)*		
26 41 13 00-0050	EA	8" Square I Beam Bonding Plate For Copper Lightning Protection System	104.26	41.22
26 41 13 00-0051	EA	8" Square Purlin Bonding Plate For Copper Lightning Protection System	108.08	41.22
26 41 13 00-0052	EA	16" Square Bonding Plate For Copper Lightning Protection System	158.72	65.96
26 41 13 00-0053		Aluminum Bonding Plates *(26 41 13 00-0048)*		
26 41 13 00-0054	EA	8" Square I Beam Bonding Plate For Aluminum Lightning Protection System	94.61	41.22
26 41 13 00-0055	EA	8" Square Purlin Bonding Plate For Aluminum Lightning Protection System	96.73	41.22
26 41 13 00-0056	EA	16" Square Bonding Plate For Aluminum Lightning Protection System	142.26	65.96
26 41 13 00-0057		Cable Supports *(26 41 13 00-0001)*		
26 41 13 00-0058		Copper Cable Supports *(26 41 13 00-0057)*		
26 41 13 00-0059	EA	Cable Supports For Copper Lightning Protection System	18.10	8.25
26 41 13 00-0060	EA	Adhesive Cable Supports For Copper Lightning Protection System	19.30	8.25
26 41 13 00-0061		Aluminum Cable Supports *(26 41 13 00-0057)*		
26 41 13 00-0062	EA	Cable Supports For Aluminum Lightning Protection System	17.82	8.25
26 41 13 00-0063	EA	Adhesive Cable Supports For Aluminum Lightning Protection System	18.22	8.25
26 41 13 00-0064		Bonding Straps *(26 41 13 00-0001)*		
26 41 13 00-0065		Copper Bonding Straps *(26 41 13 00-0064)*		
26 41 13 00-0066	EA	3/4" x 9-1/2" Flex Braided Strap For Copper Lightning Protection System	55.23	24.74
26 41 13 00-0067		Aluminum Bonding Straps *(26 41 13 00-0064)*		
26 41 13 00-0068	EA	3/4" x 9-1/2" Flex Braided Strap For Aluminum Lightning Protection System	48.58	24.74
26 41 13 00-0069		Accessories For Lightning Protection *(26 41 13 00-0001)*		
		See CSI section 26 05 26 00-0001 for conductors straps and conduit jumpers.		
26 41 13 00-0070		Copper Adapters *(26 41 13 00-0069)*		
26 41 13 00-0071	EA	Swivel Adapters For Copper Lightning Protection System	22.37	4.12
26 41 13 00-0072		Aluminum Adapters *(26 41 13 00-0069)*		
26 41 13 00-0073	EA	Swivel Adapters For Aluminum Lightning Protection System	16.03	4.12
26 41 13 00-0074	EA	Floor Ground Receptacle For Aluminum Lightning Protection System	136.13	41.22
26 41 23		**Lightning Protection Surge Arresters And Suppressors** ***(26 41)***		
26 41 23 00-0001		Surge And Lightning Arrestors *(26 41 23)*		
26 41 23 00-0002		Metal Top Intermediate Type IMX *(26 41 23 00-0001)*		
		Note: For outdoor construction, single phase.		
26 41 23 00-0003	EA	3 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	887.86	188.35
26 41 23 00-0004	EA	4.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	967.37	188.35
26 41 23 00-0005	EA	6 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	967.37	188.35
26 41 23 00-0006	EA	7.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,115.04	188.35
26 41 23 00-0007	EA	9 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,115.04	188.35
26 41 23 00-0008	EA	10 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,237.72	188.35
26 41 23 00-0009	EA	12 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,237.72	188.35
26 41 23 00-0010	EA	15 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,695.38	235.44
26 41 23 00-0011	EA	18 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,758.99	235.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 41 23 00-0012	EA	21 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,925.56	282.52
26 41 23 00-0013	EA	24 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,089.13	282.52
26 41 23 00-0014	EA	27 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,500.33	282.52
26 41 23 00-0015		Porcelain Top Intermediate Type IMX *(26 41 23 00-0001)*		
		Note: For cubicle mounting, single phase.		
26 41 23 00-0016	EA	3 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	887.86	188.35
26 41 23 00-0017	EA	4.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	967.37	188.35
26 41 23 00-0018	EA	6 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	967.37	188.35
26 41 23 00-0019	EA	7.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,115.04	188.35
26 41 23 00-0020	EA	9 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,115.04	188.35
26 41 23 00-0021	EA	10 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,237.72	188.35
26 41 23 00-0022	EA	12 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,237.72	188.35
26 41 23 00-0023	EA	15 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,695.38	235.44
26 41 23 00-0024	EA	18 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,758.99	235.44
26 41 23 00-0025	EA	21 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,925.56	282.52
26 41 23 00-0026	EA	24 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,089.13	282.52
26 41 23 00-0027	EA	27 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,500.33	282.52
26 41 23 00-0028		IMX Accessories *(26 41 23 00-0001)*		
26 41 23 00-0029	EA	1 Crossarm Bracket Reversible 3-27 KV IMX	724.29	188.35
26 41 23 00-0030	EA	Single Unit Horizontal Pole Mounted Bracket (IMX)	715.20	188.35
26 41 23 00-0031	EA	3 Unit Horizontal Pole Mounted Bracket (IMX)	647.14	188.35
26 41 23 00-0032		Lightning Arrestor And Cutouts *(26 41 23 00-0001)*		
26 41 23 00-0033	EA	3 KV La Distribution Class, Lightning Arrestor	469.84	188.35
26 41 23 00-0034	EA	3 KV La Interior Class, Lightning Arrestor	948.38	188.35
26 41 23 00-0035	EA	3 KV La Station Class, Lightning Arrestor	887.86	188.35
26 41 23 00-0036	EA	9 KV La Distribution Class, Lightning Arrestor	519.82	188.35
26 41 23 00-0037	EA	9 KV La Interior Class, Lightning Arrestor	1,080.87	188.35
26 41 23 00-0038	EA	9 KV La Station Class, Lightning Arrestor	1,115.04	188.35
26 41 23 00-0039	EA	5 KV Enclosed Fused Cutout	597.52	188.35
26 41 23 00-0040	EA	15 KV Open Fused Cutout	636.71	235.44
26 41 23 00-0041	EA	18 KV La Distribution Class, Lightning Arrestor	493.53	188.35
26 41 23 00-0042	EA	18 KV La Interior Class, Lightning Arrestor	1,151.69	188.35
26 42		Cathodic Protection *(26 40)*		
26 42 13		**Passive Cathodic Protection for Underground and Submerged Piping** ***(26 42)***		
26 42 13 00-0001		Anodes *(26 42 13)*		
26 42 13 00-0002		Magnesium Type, Conventional *(26 42 13 00-0001)*		
26 42 13 00-0003	EA	9 # Magnesium Type Anodes	301.88	120.54
26 42 13 00-0004	EA	17 # Magnesium Type Anodes	455.08	174.22
26 42 13 00-0005	EA	32 # Magnesium Type Anode	642.47	224.13
26 42 13 00-0006	EA	48 # Magnesium Type Anode	922.95	313.61
26 42 13 00-0007		Graphite Type *(26 42 13 00-0001)*		
		Note: Includes epoxy cap.		
26 42 13 00-0008	EA	3" x 60" (32 #) Graphite Type Anodes With Epoxy Cap	465.04	167.33
26 42 13 00-0009	EA	4" x 80" (68 #) Graphite Type Anodes With Epoxy Cap	767.49	233.65
26 42 13 00-0010	EA	6" x 36" (45 #) Graphite Type Anodes With Epoxy Cap	625.93	146.23
26 42 13 00-0011	EA	6" x 72" (80 #) Graphite Type Anodes With Epoxy Cap	1,006.46	195.21
26 42 13 00-0012		Rectifiers *(26 42 13)*		
26 42 13 00-0013		Air Cooled, Silicon Type *(26 42 13 00-0012)*		
26 42 13 00-0014	EA	Air Cooled Rectifiers, 28V/10A Silicon Type	1,335.77	237.44
26 42 13 00-0015	EA	Air Cooled Rectifiers, 20V/20A Silicon Type	1,443.19	237.44
26 42 13 00-0016		Oil Immersed, Silicon Type *(26 42 13 00-0012)*		
26 42 13 00-0017	EA	Oil Immersed Rectifiers, 28V/10A Silicon Type	2,006.24	274.54
26 42 13 00-0018	EA	Oil Immersed Rectifiers, 20V/20A Silicon Type	2,121.33	274.54
26 42 13 00-0019		Anode Backfill *(26 42 13)*		
26 42 13 00-0020	LB	Anode Backfill, Coke Breeze	0.84	0.30
26 42 13 00-0021		Cathodic Protection Cable *(26 42 13)*		
26 42 13 00-0022	MLF	Cathodic Protection Cable, OR2 - No 8	1,538.06	584.89
26 42 13 00-0023	MLF	Cathodic Protection Cable, OR2 - No 6	1,701.30	584.89
26 42 13 00-0024	MLF	Cathodic Protection Cable, OR2 - No 4	1,946.14	584.89
26 42 13 00-0025	MLF	Cathodic Protection Cable, OR2 - No 2	2,354.22	584.89
26 42 13 00-0026	MLF	Cathodic Protection Cable, OR2 - No 1	2,918.90	644.43
26 42 13 00-0027	MLF	Cathodic Protection Cable, OR2-No 1/0	3,224.96	644.43
26 42 13 00-0028	MLF	Cathodic Protection Cable, OR2-No 2/0	3,735.07	644.43

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 42 13 00-0029	MLF	Cathodic Protection Cable, OR2-No 4/0	5,074.87	702.47
26 42 13 00-0030		Cathodic Test Stations *(26 42 13)*		
26 42 13 00-0031		Flush Curb Box Type With Lockable Cover And Terminal Box *(26 42 13 00-0030)*		
26 42 13 00-0032	EA	Cathodic Test Station, Flush Curb Type With Lockable Cover	266.85	68.43

26 42 16 Passive Cathodic Protection for Underground Storage Tank *(26 42)*

See CSI section 26 42 13 00-0000 for cathodic protection for tanks.

26 43 Surge Protective Devices *(26 40)*

26 43 13 Transient-Voltage Suppression For Low-Voltage Electrical Power Circuits *(26 43)*

26 43 13 00-0001		25 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)*		
		Note: Liebert LPL		
26 43 13 00-0002	EA	120/240VAC Single Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	188.08	20.61
26 43 13 00-0003	EA	208VAC Three Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	202.98	20.61
26 43 13 00-0004	EA	240/120VAC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	211.23	24.74
26 43 13 00-0005	EA	277VAC Single Phase, 2 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	175.57	16.49
26 43 13 00-0006	EA	480/277VAC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	211.23	24.74
26 43 13 00-0007		50 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)*		
		Note: Liebert LPL		
26 43 13 00-0008	EA	120/240VAC Single Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	261.51	20.61
26 43 13 00-0009	EA	208/120VAC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	278.27	24.74
26 43 13 00-0010	EA	208VAC Three Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	270.02	20.61
26 43 13 00-0011	EA	480/277VAC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	278.27	24.74
26 43 13 00-0012		100 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)*		
		Note: Liebert LPL		
26 43 13 00-0013	EA	120/240VAC Single Phase, 3 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	316.85	20.61
26 43 13 00-0014	EA	208/120VAC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	333.61	24.74
26 43 13 00-0015	EA	277VAC Single Phase, 2 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	295.83	16.49
26 43 13 00-0016	EA	480/277VAC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	333.61	24.74
26 43 13 00-0017		100 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression *(26 43 13)*		
		Note: Liebert LPM		
26 43 13 00-0018	EA	120/240VAC Single Phase, 3 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	374.31	20.61
26 43 13 00-0019	EA	208/120VAC Three Phase, 4 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	421.94	24.74
26 43 13 00-0020	EA	277VAC Three Phase, 2 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	354.36	16.49
26 43 13 00-0021		160 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression *(26 43 13)*		
		Note: Liebert LPM		
26 43 13 00-0022	EA	208/120VAC Single Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	661.39	24.74
26 43 13 00-0023	EA	208VAC Three Phase, 3 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	653.14	20.61
26 43 13 00-0024	EA	480/277VAC Three Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	661.39	24.74
26 43 13 00-0025		250 kA, 500 Joule Transient Voltage Surge Suppression *(26 43 13)*		
		Note: Liebert Interceptor Hybrid.		
26 43 13 00-0026	EA	LED Display, 120/208VAC Three Phase, 250 kA Transient Voltage Surge Suppressor	3,837.29	41.22
26 43 13 00-0027	EA	Audible Alarm/LED Display, 120/208VAC Three Phase, 250 kA Transient Voltage Surge Suppressor	4,688.65	41.22
26 43 13 00-0028		Class 1310 Transient Voltage Surge Suppression *(26 43 13)*		
		Note: Supplied with audible alarm, alarm enable/disable switch and dry contacts. Square D.		
26 43 13 00-0029		NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*		
		Note: Square D. EMA series.		
26 43 13 00-0030	EA	120 kA, 120/240 V, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,091.58	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0031	EA	160 kA, 120/240 V, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,409.35	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0032	EA	240 kA, 120/240 V, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,984.61	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0033	EA	320 kA, 120/240 V, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,633.86	164.89
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0034	EA	480 kA, 120/240 V, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	9,818.00	226.72
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0035	EA	120 kA, 120/208 V, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,226.39	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0036	EA	160 kA, 120/208 V, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,557.44	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0037	EA	240 kA, 120/208 V, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,213.39	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0038	EA	320 kA, 120/208 V, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,930.98	164.89
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0039	EA	480 kA, 120/208 V, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	10,276.50	226.72
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0040	EA	120 kA, 120/208 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,226.39	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0041	EA	160 kA, 120/208 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,557.44	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0042	EA	240 kA, 120/208 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,213.35	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0043	EA	320 kA, 120/208 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,930.98	164.89
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0044	EA	480 kA, 120/208 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	10,276.50	226.72
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0045	EA	120 kA, 277/480 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,361.21	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0046	EA	160 kA, 277/480 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,707.43	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0047	EA	240 kA, 277/480 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,444.05	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0048	EA	320 kA, 277/480 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	7,230.05	164.89
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0049	EA	480 kA, 277/480 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	10,736.87	226.72
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0050	EA	120 kA, 347/600 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,517.84	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0051	EA	160 kA, 347/600 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,863.14	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0052	EA	240 kA, 347/600 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,685.17	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0053	EA	320 kA, 347/600 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	7,543.31	164.89
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0054	EA	480 kA, 347/600 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	10,567.39	226.72
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

26 43 13 00-0055 NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EBA series.

26 43 13 00-0056	EA	120 kA, 120/240 V, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,408.14	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0057	EA	160 kA, 120/240 V, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,910.07	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0058	EA	240 kA, 120/240 V, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,268.87	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0059	EA	120 kA, 120/208 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,485.03	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0060	EA	160 kA, 120/208 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,023.98	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0061	EA	240 kA, 120/208 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,417.90	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0062	EA	120 kA, 120/240 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,485.03	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0063	EA	160 kA, 120/240 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,023.98	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0064	EA	240 kA, 120/240 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,417.90	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0065	EA	120 kA, 277/480 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,582.81	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0066	EA	160 kA, 277/480 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,146.44	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0067	EA	240 kA, 277/480 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,608.70	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0068	EA	120 kA, 347/600 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,685.33	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0069	EA	160 kA, 347/600 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,276.49	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0070	EA	240 kA, 347/600 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,808.99	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

26 43 13 00-0071 NEMA 4X Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EMA series. Stainless steel.

26 43 13 00-0072	EA	120 kA, 120/240 V, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	3,988.64	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0073	EA	160 kA, 120/240 V, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,306.41	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0074	EA	240 kA, 120/240 V, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,881.66	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0075	EA	120 kA, 120/208 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,123.44	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0076	EA	160 kA, 120/208 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,454.49	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0077	EA	240 kA, 120/208 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,110.45	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0078	EA	120 kA, 120/240 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,123.44	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0079	EA	160 kA, 120/240 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,454.49	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0080	EA	240 kA, 120/240 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,110.41	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0081	EA	120 kA, 277/480 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,258.26	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0082	EA	160 kA, 277/480 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,604.48	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0083	EA	240 kA, 277/480 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,341.11	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0084	EA	120 kA, 347/600 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,414.89	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0085	EA	160 kA, 347/600 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,760.19	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0086	EA	240 kA, 347/600 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,582.23	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

26 43 13 00-0087 NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EBA series. Stainless steel.

26 43 13 00-0088	EA	120 kA, 120/240 V, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,305.20	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0089	EA	160 kA, 120/240 V, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,807.13	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0090	EA	240 kA, 120/240 V, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,165.93	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0091	EA	120 kA, 120/208 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,382.09	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0092	EA	160 kA, 120/208 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,921.04	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0093	EA	240 kA, 120/208 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,314.96	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0094	EA	120 kA, 120/240 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,382.09	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0095	EA	160 kA, 120/240 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,921.04	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0096	EA	240 kA, 120/240 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,314.96	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0097	EA	120 kA, 277/480 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,479.87	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0098	EA	160 kA, 277/480 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,043.50	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0099	EA	240 kA, 277/480 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,505.76	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0100	EA	120 kA, 347/600 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,582.39	107.18
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0101	EA	160 kA, 347/600 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,173.54	123.67
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0102	EA	240 kA, 347/600 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,706.05	144.27
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

26 50 Lighting *(26)*

Note: Light fixtures include testing of fixture, a set of lamps (light bulbs), wire nuts, ground wire connector, fixture whip, ballast(s), mounting brackets where necessary and cable connectors. Lay-in fixtures include support wire, clips and seismic supports.

26 51 Interior Lighting *(26 50)*

See CSI section 26 01 50 52-0268 for additional emergency light ballast.

26 51 13 Interior Lighting Fixtures, Lamps, And Ballasts *(26 51)*

26 51 13 00-0001 Fluorescent Fixtures *(26 51 13)*

26 51 13 00-0002 Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 13 00-0001)*

26 51 13 00-0003 6" x 2', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 13 00-0002)*

26 51 13 00-0004	EA	1 T8 Lamp, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture	100.42	23.59
26 51 13 00-0005	EA	2 T8 Lamps, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture	113.45	23.59

26 51 13 00-0006 6" x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 13 00-0002)*

26 51 13 00-0007	EA	1 T8 Lamp, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture	109.56	24.57
26 51 13 00-0008	EA	2 T8 Lamps, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture	120.91	24.57

26 51 13 00-0009 1' x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 13 00-0002)*

26 51 13 00-0010	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	129.55	27.59
26 51 13 00-0011	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	151.15	27.59
26 51 13 00-0012	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	174.98	27.59

26 51 13 00-0013 2' x 2', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 13 00-0002)*

26 51 13 00-0014	EA	2 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	114.06	30.15
26 51 13 00-0015	EA	3 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	131.34	30.15

26 51 13 00-0016 2' x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 13 00-0002)*

26 51 13 00-0017	EA	2 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	166.00	35.12
26 51 13 00-0018	EA	3 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	177.05	35.12
26 51 13 00-0019	EA	4 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	198.62	35.12

26 51 13 00-0020 Surface Mounted, Box Type Fluorescent Fixtures *(26 51 13 00-0001)*

Note: Includes prismatic lens.

26 51 13 00-0021 1' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 13 00-0020)*

26 51 13 00-0022	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	128.88	27.36
26 51 13 00-0023	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	202.32	27.36
26 51 13 00-0024	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	228.80	27.36

26 51 13 00-0025 2' x 2', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 13 00-0020)*

26 51 13 00-0026	EA	2 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	202.06	30.15
26 51 13 00-0027	EA	3 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	221.27	30.15
26 51 13 00-0028	EA	4 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	235.71	30.15

26 51 13 00-0029 2' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 13 00-0020)*

26 51 13 00-0030	EA	2 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	201.42	35.12
26 51 13 00-0031	EA	3 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	219.04	35.12
26 51 13 00-0032	EA	4 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	228.48	35.12
26 51 13 00-0033	EA	6 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	242.57	35.12

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0034		4' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 13 00-0020)*		
26 51 13 00-0035	EA	4 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	389.12	45.23
26 51 13 00-0036	EA	6 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	394.08	45.23
26 51 13 00-0037	EA	8 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	655.96	45.23
26 51 13 00-0038		Recessed Fluorescent Fixtures *(26 51 13 00-0001)*		
26 51 13 00-0039		Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0038)*		
26 51 13 00-0040		1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture *(26 51 13 00-0039)*		
26 51 13 00-0041	EA	2 T8 Lamps, 1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	134.61	23.59
		For Drywall Or Plaster Ceilings, Add	*15.94*	
26 51 13 00-0042		1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture *(26 51 13 00-0039)*		
26 51 13 00-0043	EA	2 T8 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	166.57	27.36
		For Drywall Or Plaster Ceilings, Add	*18.66*	
26 51 13 00-0044	EA	2 T5 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	292.97	27.36
		For Drywall Or Plaster Ceilings, Add	*18.66*	
26 51 13 00-0045		2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture *(26 51 13 00-0039)*		
26 51 13 00-0046	EA	2 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	175.39	30.15
		For Drywall Or Plaster Ceilings, Add	*20.35*	
26 51 13 00-0047	EA	3 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	199.78	30.15
		For Drywall Or Plaster Ceilings, Add	*20.35*	
26 51 13 00-0048	EA	4 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	204.52	30.15
		For Drywall Or Plaster Ceilings, Add	*20.35*	
26 51 13 00-0049	EA	2 T5 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	211.21	30.15
		For Drywall Or Plaster Ceilings, Add	*20.35*	
26 51 13 00-0050		2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture *(26 51 13 00-0039)*		
26 51 13 00-0051	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	168.42	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0052	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	225.50	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0053	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	227.98	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0054	EA	6 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	251.84	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0055	EA	2 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	222.75	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0056	EA	3 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	296.93	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0057	EA	4 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	304.58	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0058		Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0038)*		
26 51 13 00-0059		1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0058)*		
26 51 13 00-0060	EA	1 T8 Lamp, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	150.86	23.59
		For Drywall Or Plaster Ceilings, Add	*15.94*	
26 51 13 00-0061	EA	2 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	155.61	23.59
		For Drywall Or Plaster Ceilings, Add	*15.94*	
26 51 13 00-0062	EA	3 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	181.36	23.59
		For Drywall Or Plaster Ceilings, Add	*15.94*	
26 51 13 00-0063		1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0058)*		
26 51 13 00-0064	EA	1 T8 Lamp, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	168.89	27.36
		For Drywall Or Plaster Ceilings, Add	*18.66*	
26 51 13 00-0065	EA	2 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	171.37	27.36
		For Drywall Or Plaster Ceilings, Add	*18.66*	
26 51 13 00-0066	EA	3 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	191.10	27.36
		For Drywall Or Plaster Ceilings, Add	*18.66*	
26 51 13 00-0067		2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0058)*		
26 51 13 00-0068	EA	2 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	179.94	30.15
		For Drywall Or Plaster Ceilings, Add	*20.35*	
26 51 13 00-0069	EA	3 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	184.69	30.15
		For Drywall Or Plaster Ceilings, Add	*20.35*	
26 51 13 00-0070	EA	4 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	210.09	30.15
		For Drywall Or Plaster Ceilings, Add	*20.35*	
26 51 13 00-0071		2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0058)*		
26 51 13 00-0072	EA	2 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	168.42	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0073	EA	3 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	193.03	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0074	EA	4 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	216.43	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0075	EA	6 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	242.39	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0076		Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 13 00-0038)*		
26 51 13 00-0077		1' x 4', Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 13 00-0076)*		
26 51 13 00-0078	EA	1 T8 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	300.59	27.36
		For Drywall Or Plaster Ceilings, Add	*18.66*	
26 51 13 00-0079	EA	2 T8 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	303.07	27.36
		For Drywall Or Plaster Ceilings, Add	*18.66*	
26 51 13 00-0080	EA	1 T5 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	355.42	27.36
		For Drywall Or Plaster Ceilings, Add	*18.66*	
26 51 13 00-0081	EA	2 T5 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	363.06	27.36
		For Drywall Or Plaster Ceilings, Add	*18.66*	
26 51 13 00-0082		2' x 2', Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 13 00-0076)*		
26 51 13 00-0083	EA	2 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	249.42	30.15
		For Drywall Or Plaster Ceilings, Add	*20.35*	
26 51 13 00-0084	EA	3 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	278.03	30.15
		For Drywall Or Plaster Ceilings, Add	*20.35*	
26 51 13 00-0085	EA	2 T5 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	331.16	30.15
		For Drywall Or Plaster Ceilings, Add	*20.35*	
26 51 13 00-0086		2' x 4', Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 13 00-0076)*		
26 51 13 00-0087	EA	2 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	274.47	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0088	EA	3 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	333.65	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0089	EA	1 T5 Lamp, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	354.85	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0090	EA	2 T5 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	389.64	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0091		Volumetric, Recessed Fluorescent Fixtures *(26 51 13 00-0038)*		
26 51 13 00-0092		1' x 4', Volumetric, Recessed Fluorescent Fixtures *(26 51 13 00-0091)*		
26 51 13 00-0093	EA	2 T8 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture	238.61	27.36
		For Drywall Or Plaster Ceilings, Add	*18.66*	
26 51 13 00-0094	EA	2 T5 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture	309.95	27.36
		For Drywall Or Plaster Ceilings, Add	*18.66*	
26 51 13 00-0095		2' x 2', Volumetric, Recessed Fluorescent Fixtures *(26 51 13 00-0091)*		
26 51 13 00-0096	EA	2 T8 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture	239.53	30.15
		For Drywall Or Plaster Ceilings, Add	*20.35*	
26 51 13 00-0097	EA	2 T5 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture	271.43	30.15
		For Drywall Or Plaster Ceilings, Add	*20.35*	
26 51 13 00-0098		2' x 4', Volumetric, Recessed Fluorescent Fixtures *(26 51 13 00-0091)*		
26 51 13 00-0099	EA	2 T8 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture	266.77	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0100	EA	2 T5 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture	267.30	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0101		Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0038)*		
26 51 13 00-0102		1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0101)*		
26 51 13 00-0103	EA	2 T8 Lamps, 1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	223.81	27.36
		For Drywall Or Plaster Ceilings, Add	*18.66*	
26 51 13 00-0104		2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0101)*		
26 51 13 00-0105	EA	2 T8 Lamps, 2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	222.07	30.15
		For Drywall Or Plaster Ceilings, Add	*20.35*	
26 51 13 00-0106		2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0101)*		
26 51 13 00-0107	EA	2 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	260.98	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0108	EA	3 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	307.43	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0109	EA	4 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	296.30	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0110		Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0038)*		
26 51 13 00-0111		1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0110)*		
26 51 13 00-0112	EA	2 T8 Lamps, 1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	214.12	27.36
		For Drywall Or Plaster Ceilings, Add	*18.66*	
26 51 13 00-0113		2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0110)*		
26 51 13 00-0114	EA	2 T8 Lamps, 2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	221.84	30.15
		For Drywall Or Plaster Ceilings, Add	*20.35*	
26 51 13 00-0115		2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0110)*		
26 51 13 00-0116	EA	2 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	266.41	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0117	EA	3 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	270.78	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0118	EA	4 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	277.27	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0119		Striplight Fluorescent Fixtures *(26 51 13 00-0001)*		
26 51 13 00-0120		1 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 13 00-0119)*		
26 51 13 00-0121	EA	1 T8 Lamp, 1-1/2' Length, Striplight Fluorescent Fixture	106.99	22.61
26 51 13 00-0122	EA	1 T8 Lamp, 2' Length, Striplight Fluorescent Fixture	121.01	22.61
26 51 13 00-0123	EA	1 T8 Lamp, 3' Length, Striplight Fluorescent Fixture	121.92	25.09
26 51 13 00-0124	EA	1 T8 Lamp, 4' Length, Striplight Fluorescent Fixture	122.09	27.59
26 51 13 00-0125	EA	1 T8 Lamp, 8' Length, Striplight Fluorescent Fixture	144.27	29.85
26 51 13 00-0126		2 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 13 00-0119)*		
26 51 13 00-0127	EA	2 T8 Lamps, 2' Length, Striplight Fluorescent Fixture	125.33	25.09
26 51 13 00-0128	EA	2 T8 Lamps, 3' Length, Striplight Fluorescent Fixture	131.77	27.59
26 51 13 00-0129	EA	2 T8 Lamps, 4' Length, Striplight Fluorescent Fixture	128.34	30.15
26 51 13 00-0130		3 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 13 00-0119)*		
26 51 13 00-0131	EA	3 T8 Lamps, 2' Length, Striplight Fluorescent Fixture	175.23	25.09
26 51 13 00-0132	EA	3 T8 Lamps, 3' Length, Striplight Fluorescent Fixture	174.60	27.59
26 51 13 00-0133	EA	3 T8 Lamps, 4' Length, Striplight Fluorescent Fixture	167.57	30.15
26 51 13 00-0134		Display Case Fluorescent Fixtures *(26 51 13 00-0119)*		
26 51 13 00-0135	EA	1 T8 Lamp, 1-1/2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU15W)	83.62	24.74
26 51 13 00-0136	EA	1 T8 Lamp, 2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU20W)	97.16	24.74
26 51 13 00-0137	EA	1 T8 Lamp, 3' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU30W)	105.99	28.85
26 51 13 00-0138	EA	1 T8 Lamp, 4' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU40W)	104.97	28.85
26 51 13 00-0139		Industrial Fluorescent Fixtures *(26 51 13 00-0001)*		
26 51 13 00-0140		1 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 13 00-0139)*		
26 51 13 00-0141	EA	1 T8 Lamp, 2' Length, Industrial Fluorescent Fixture	138.86	22.61
26 51 13 00-0142	EA	1 T8 Lamp, 4' Length, Industrial Fluorescent Fixture	146.19	27.59
26 51 13 00-0143	EA	1 T8 Lamp, 8' Length, Industrial Fluorescent Fixture	256.62	35.12
26 51 13 00-0144	EA	96" Lamp Industrial Fixture Fluorescent, 2 54 W T5 Lamp Note: With electronic ballast.	127.36	35.12
26 51 13 00-0145		2 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 13 00-0139)*		
26 51 13 00-0146	EA	2 T8 Lamps, 2' Length, Industrial Fluorescent Fixture	147.38	25.09
26 51 13 00-0147	EA	2 T8 Lamps, 4' Length, Industrial Fluorescent Fixture	152.43	30.15
26 51 13 00-0148	EA	2 T8 Lamps, 8' Length, Industrial Fluorescent Fixture	261.58	35.12
26 51 13 00-0149	EA	48" Lamp Industrial Fixture Fluorescent, 2 54 W T5 Lamp Note: With electronic ballast.	125.30	30.15
26 51 13 00-0150	EA	96" Lamp Industrial Fixture Fluorescent, 4 54 W T5 Lamp Note: With electronic ballast.	155.99	35.12
26 51 13 00-0151		3 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 13 00-0139)*		
26 51 13 00-0152	EA	3 T8 Lamps, 2' Length, Industrial Fluorescent Fixture	155.28	25.09
26 51 13 00-0153	EA	3 T8 Lamps, 4' Length, Industrial Fluorescent Fixture	157.28	30.15
26 51 13 00-0154	EA	3 T8 Lamps, 8' Length, Industrial Fluorescent Fixture	230.84	35.12
26 51 13 00-0155		4 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 13 00-0139)*		
26 51 13 00-0156	EA	4 T8 Lamps, 4' Length, Industrial Fluorescent Fixture	207.96	30.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0157	EA	4 T8 Lamps, 8' Length, Industrial Fluorescent Fixture	298.80	35.12
26 51 13 00-0158		**Flanged Fluorescent Fixture** *(26 51 13 00-0001)*		
		Note: For plaster or drywall application. With electronic ballast.		
26 51 13 00-0159	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	206.60	45.23
26 51 13 00-0160	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	240.58	45.23
26 51 13 00-0161	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	243.06	45.23
26 51 13 00-0162		**Undercabinet Fluorescent Fixtures** *(26 51 13 00-0001)*		
26 51 13 00-0163	EA	1 T5 Lamp, 12-3/16" Length, Slimline Undercabinet Fluorescent Fixture	77.60	20.35
26 51 13 00-0164	EA	1 T5 Lamp, 21-3/16" Length, Slimline Undercabinet Fluorescent Fixture	91.19	24.87
26 51 13 00-0165	EA	2 T5 Lamps, 24-7/16" Length, Slimline Undercabinet Fluorescent Fixture	89.99	24.87
26 51 13 00-0166	EA	1 T5 Lamp, 33-7/16" Length, Slimline Undercabinet Fluorescent Fixture	106.68	27.13
26 51 13 00-0167	EA	2 T5 Lamps, 42-7/16" Length, Slimline Undercabinet Fluorescent Fixture	124.09	31.65
26 51 13 00-0168		**Corner Mounted, Fluorescent Fixtures** *(26 51 13 00-0001)*		
		Note: Includes acrylic drop dish diffuser.		
26 51 13 00-0169		**2' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 13 00-0168)*		
26 51 13 00-0170	EA	1 T8 Lamp, 2' Length, Corner Mounted, Fluorescent Fixture	130.28	22.61
26 51 13 00-0171	EA	2 T8 Lamps, 2' Length, Corner Mounted, Fluorescent Fixture	146.01	22.61
26 51 13 00-0172		**3' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 13 00-0168)*		
26 51 13 00-0173	EA	1 T8 Lamp, 3' Length, Corner Mounted, Fluorescent Fixture	148.24	23.74
26 51 13 00-0174	EA	2 T8 Lamps, 3' Length, Corner Mounted, Fluorescent Fixture	164.20	23.74
26 51 13 00-0175		**4' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 13 00-0168)*		
26 51 13 00-0176	EA	1 T8 Lamp, 4' Length, Corner Mounted, Fluorescent Fixture	143.22	24.87
26 51 13 00-0177	EA	2 T8 Lamps, 4' Length, Corner Mounted, Fluorescent Fixture	156.09	24.87
26 51 13 00-0178		**Wall Bracket, Fluorescent Fixtures** *(26 51 13 00-0001)*		
26 51 13 00-0179		**Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 13 00-0178)*		
		Note: Includes extruded aluminum housing with brushed finish, acrylic diffuser and solid-state electronic ballast.		
26 51 13 00-0180		**2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 13 00-0179)*		
26 51 13 00-0181	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	209.00	37.93
26 51 13 00-0182	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	211.34	37.93
26 51 13 00-0183		**3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 13 00-0179)*		
26 51 13 00-0184	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	289.74	37.93
26 51 13 00-0185	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	295.82	37.93
26 51 13 00-0186		**4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 13 00-0179)*		
26 51 13 00-0187	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	300.27	37.93
26 51 13 00-0188	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	302.62	37.93
26 51 13 00-0189		**Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 13 00-0178)*		
		Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 13 00-0190		**2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 13 00-0189)*		
26 51 13 00-0191	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	322.18	37.93
26 51 13 00-0192	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	324.52	37.93
26 51 13 00-0193		**3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 13 00-0189)*		
26 51 13 00-0194	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	278.75	37.93
26 51 13 00-0195	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	284.83	37.93
26 51 13 00-0196		**4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 13 00-0189)*		
26 51 13 00-0197	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	292.21	37.93
26 51 13 00-0198	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	294.55	37.93
26 51 13 00-0199		**Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 13 00-0178)*		
		Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 13 00-0200		**2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 13 00-0199)*		
26 51 13 00-0201	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	197.66	37.93
26 51 13 00-0202	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	200.00	37.93
26 51 13 00-0203		**3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 13 00-0199)*		
26 51 13 00-0204	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	201.40	37.93
26 51 13 00-0205	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	207.48	37.93

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0206		4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) *(26 51 13 00-0199)*		
26 51 13 00-0207	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	188.97	37.93
26 51 13 00-0208	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	191.31	37.93
26 51 13 00-0209		Accessories And Modifiers For Fluorescent Fixtures *(26 51 13 00-0001)*		
26 51 13 00-0210		Lens Modifications *(26 51 13 00-0209)*		
26 51 13 00-0211	EA	For 1' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	18.09	
26 51 13 00-0212	EA	For 1' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	22.35	
26 51 13 00-0213	EA	For 2' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	23.41	
26 51 13 00-0214	EA	For 2' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	25.54	
26 51 13 00-0215	EA	For 4' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	30.86	
26 51 13 00-0216	EA	For 1' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	7.45	
26 51 13 00-0217	EA	For 1' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	10.64	
26 51 13 00-0218	EA	For 2' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	11.71	
26 51 13 00-0219	EA	For 2' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	13.83	
26 51 13 00-0220		Pendant Mounting Modifications *(26 51 13 00-0209)* Note: Per pendant.		
26 51 13 00-0221	EA	For Pendant Mounting Up to 1'-6" Long Section Note: Per pendant.	8.09	
26 51 13 00-0222	EA	For Pendant Mounting 2' Long Section Note: Per pendant.	9.36	
26 51 13 00-0223	EA	For Pendant Mounting 3' Long Section Note: Per pendant.	11.98	
26 51 13 00-0224	EA	For Pendant Mounting 4' Long Section Note: Per pendant.	14.15	
26 51 13 00-0225	EA	For Pendant Mounting 6' Long Section Note: Per pendant.	17.88	
26 51 13 00-0226	EA	For Pendant Mounting 8' Long Section Note: Per pendant.	24.26	
26 51 13 00-0227		Fluorescent Light Accessories *(26 51 13 00-0209)*		
26 51 13 00-0228	EA	Blank Metal Light Box Plate	14.01	
26 51 13 00-0229	EA	Factory Installed Fixture Mounted Occupancy Sensor	81.93	
26 51 13 00-0230		Wire Guards *(26 51 13 00-0209)*		
26 51 13 00-0231	EA	Wire Guard for 6" x 2' Fixture	36.71	4.13
26 51 13 00-0232	EA	Wire Guard for 6" x 4' Fixture	51.90	6.61
26 51 13 00-0233	EA	Wire Guard for 1" x 2' Fixture	40.95	4.54
26 51 13 00-0234	EA	Wire Guard for 1" x 4' Fixture	58.41	7.02
26 51 13 00-0235	EA	Wire Guard for 2" x 2' Fixture	49.74	4.96
26 51 13 00-0236	EA	Wire Guard for 2" x 4' Fixture	68.35	7.43
26 51 13 00-0237	EA	Wire Guard for Exit Sign Or Emergency Light	40.84	6.19
26 51 13 00-0238	EA	Wire Guard for Combination Exit Sign And Emergency Light	68.80	6.61
26 51 13 00-0239		Surface Mounted, Fluorescent Fixtures, Architectural *(26 51 13 00-0001)*		
26 51 13 00-0240		8-1/2"' x 4' Surface Mounted Architectural Fluorescent Fixtures *(26 51 13 00-0239)*		
26 51 13 00-0241	EA	8-1/2" x 4' Surface Mounted Architectural Fluorescent Fixture, 1 54 Watt T5 HO Lamp Note: With electronic ballast.	235.44	27.59
26 51 13 00-0242		Patient Care Fluorescent Fixtures *(26 51 13 00-0001)*		
26 51 13 00-0243		Ambient And Exam Combination, Patient Care Fluorescent Fixtures (Cooper Fail-Safe) *(26 51 13 00-0242)* Note: Includes ambient and exam lights, 20 gauge steel housing with powder coated finish, acrylic diffuser and electronic ballast.		
26 51 13 00-0244	EA	2' x 2', 3 T8 Ambient Lamps, 2 T8 Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MAE)	718.95	37.93
26 51 13 00-0245	EA	2' x 4', 3 T8 Ambient Lamps, 2 T8 Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MAE)	792.11	37.93
26 51 13 00-0246	EA	2' x 4', 2 Biax Ambient Lamps, 4 Biax Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MPR2)	646.91	37.93
26 51 13 00-0247		Reading, Ambient And Exam Combination, Patient Care Fluorescent Fixtures (Cooper Fail-Safe) *(26 51 13 00-0242)* Note: Includes reading, ambient and exam lights, 20 gauge steel housing with powder coated finish, acrylic diffuser and electronic ballast.		
26 51 13 00-0248	EA	2' x 4', 1 Biax Reading Lamp, 2 Biax Ambient Lamps, 3 Biax Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MPR)	713.42	37.93
26 51 13 00-0249		Multi-Function Patient Care Fluorescent Fixtures (Day-Brite MPC) *(26 51 13 00-0242)* Note: Includes reading, ambient, exam and nurses light, steel housing with baked enamel finish, acrylic diffuser and electronic ballasts.		
26 51 13 00-0250	EA	2' x 4', 6 40W T5 Lamps, Multi-Function Patient Care Fluorescent Fixture (Day-Brite MPC)	1,180.61	37.93

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26 51 13 00-0251		LED Fixtures *(26 51 13)*		
26 51 13 00-0252		Undercabinet LED Fixtures *(26 51 13 00-0251)*		
26 51 13 00-0253	EA	12" Length, Undercabinet/Modular General Purpose LED Fixture	119.55	20.35
26 51 13 00-0254	EA	18" Length, Undercabinet/Modular General Purpose LED Fixture	152.64	24.87
26 51 13 00-0255	EA	24" Length, Undercabinet/Modular General Purpose LED Fixture	172.08	24.87
26 51 13 00-0256		Striplight LED Fixtures *(26 51 13 00-0251)*		
26 51 13 00-0257		Striplight LED Fixtures *(26 51 13 00-0256)*		
26 51 13 00-0258	EA	2' Length, 3,000 Lumens, LED Striplight Fluorescent Fixture (Lithonia ZL1)	244.37	22.61
26 51 13 00-0259	EA	4' Length, 2,800 Lumens, LED Striplight Fluorescent Fixture (Lithonia ZL1)	251.91	27.59
26 51 13 00-0260		Lay-In/Troffer LED Fixtures *(26 51 13 00-0251)*		
26 51 13 00-0261		Prismatic Lensed, Lay-In/Troffer LED Fixtures *(26 51 13 00-0260)*		
26 51 13 00-0262		Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 13 00-0261)*		
26 51 13 00-0263	EA	4,300 Lumens, 1' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia TL4)	383.96	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0264	EA	3,300 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL2)	305.03	30.15
		For Drywall Or Plaster Ceilings, Add	*20.35*	
26 51 13 00-0265	EA	4,600 Lumens, 2' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL4)	369.26	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0266		Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lunera) *(26 51 13 00-0261)*		
26 51 13 00-0267	EA	3,200 Lumens, 1' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 14G4)	429.01	35.12
26 51 13 00-0268	EA	3,200 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 22G5)	298.04	30.15
26 51 13 00-0269	EA	4,175 Lumens, 2' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 24G4)	386.79	35.12
26 51 13 00-0270		Prismatic Lensed, Lay-In/Troffer LED Fixtures (PlanLED) *(26 51 13 00-0261)*		
26 51 13 00-0271	EA	3,700 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	206.26	30.15
26 51 13 00-0272	EA	3,800 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	206.26	30.15
26 51 13 00-0273	EA	4,100 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	239.72	30.15
26 51 13 00-0274	EA	Wall Controller For PlanLED FTB4E Prismatic Lensed, Lay-In/Troffer LED Fixtures (PlanLED SWMX1-001)	98.77	18.58
26 51 13 00-0275	EA	3,700 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-40)	193.23	30.15
26 51 13 00-0276	EA	4,200 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-45)	198.56	30.15
26 51 13 00-0277	EA	4,600 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-50)	203.90	30.15
26 51 13 00-0278		Volumetric, Lay-In/Troffer LED Fixtures *(26 51 13 00-0260)*		
26 51 13 00-0279		Volumetric, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 13 00-0278)*		
26 51 13 00-0280	EA	2,500 Lumens, 1' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4)	419.91	27.36
		For Drywall Or Plaster Ceilings, Add	*18.66*	
26 51 13 00-0281	EA	3,300 Lumens, 2' x 2', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	371.18	30.15
		For Drywall Or Plaster Ceilings, Add	*20.35*	
26 51 13 00-0282	EA	4,000 Lumens, 2' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	404.96	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0283	EA	4,800 Lumens, 2' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	431.21	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0284	EA	2,400 Lumens, 2' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2VTL4)	342.02	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0285	EA	4,000 Lumens, 2' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2VTL4)	342.02	35.12
		For Drywall Or Plaster Ceilings, Add	*23.74*	
26 51 13 00-0286		Architectural, Lay-In/Troffer LED Fixtures *(26 51 13 00-0260)*		
26 51 13 00-0287		Architectural, Lay-In/Troffer LED Fixtures (CREE®) *(26 51 13 00-0286)*		
		Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.		
26 51 13 00-0288	EA	2,200 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	353.00	35.12
		For Expanded Size Junction Box For Through Wiring, Add	*3.29*	
		For Drywall Or Plaster Ceilings, Add	*97.45*	
		For Surface Mount, Add	*168.13*	
26 51 13 00-0289	EA	3,100 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	360.06	35.12
		For Expanded Size Junction Box For Through Wiring, Add	*3.29*	
		For Drywall Or Plaster Ceilings, Add	*97.45*	
		For Surface Mount, Add	*168.13*	
26 51 13 00-0290	EA	4,000 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	360.06	35.12
		For Expanded Size Junction Box For Through Wiring, Add	*3.29*	
		For Drywall Or Plaster Ceilings, Add	*97.45*	
		For Surface Mount, Add	*168.13*	
26 51 13 00-0291	EA	5,000 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	403.57	35.12
		For Expanded Size Junction Box For Through Wiring, Add	*3.29*	
		For Drywall Or Plaster Ceilings, Add	*97.45*	
		For Surface Mount, Add	*168.13*	
26 51 13 00-0292	EA	2,000 Lumens, 2' x 2', Architectural, Lay-In/Troffer LED Fixture (Cree® CR22™)	291.38	30.15
		For Expanded Size Junction Box For Through Wiring, Add	*3.29*	
		For Drywall Or Plaster Ceilings, Add	*85.21*	
		For Surface Mount, Add	*158.40*	

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26 51 13 00-0293	EA	3,200 Lumens, 2' x 2', Architectural, Lay-In/Troffer LED Fixture (Cree® CR22™)	309.02	30.15
		For Expanded Size Junction Box For Through Wiring, Add	*3.29*	
		For Drywall Or Plaster Ceilings, Add	*85.21*	
		For Surface Mount, Add	*158.40*	
26 51 13 00-0294	EA	3,200 Lumens, 2' x 2', Architectural, Lay-In/Troffer LED Fixture (CREE® AR22™)	280.79	30.15
		For Expanded Size Junction Box For Through Wiring, Add	*3.29*	
		For Drywall Or Plaster Ceilings, Add	*85.21*	
		For Surface Mount, Add	*158.40*	
26 51 13 00-0295	EA	3,200 Lumens, 2' x 2', Architectural, Lay-In/Troffer LED Fixture With Step Dimming (CREE® AR22™)	309.02	30.15
		For Expanded Size Junction Box For Through Wiring, Add	*3.29*	
		For Drywall Or Plaster Ceilings, Add	*85.21*	
		For Surface Mount, Add	*158.40*	
26 51 13 00-0296	EA	2,200 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR24™)	353.00	35.12
		For Expanded Size Junction Box For Through Wiring, Add	*3.29*	
		For Drywall Or Plaster Ceilings, Add	*99.80*	
		For Surface Mount, Add	*183.42*	
26 51 13 00-0297	EA	3,100 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR24™)	360.06	35.12
		For Expanded Size Junction Box For Through Wiring, Add	*3.29*	
		For Drywall Or Plaster Ceilings, Add	*99.80*	
		For Surface Mount, Add	*183.42*	
26 51 13 00-0298	EA	4,000 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR24™)	360.06	35.12
		For Expanded Size Junction Box For Through Wiring, Add	*3.29*	
		For Drywall Or Plaster Ceilings, Add	*99.80*	
		For Surface Mount, Add	*183.42*	
26 51 13 00-0299	EA	4,000 Lumens, High Efficiency, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (CREE® CR24™)	446.72	35.12
		For Expanded Size Junction Box For Through Wiring, Add	*3.29*	
		For Drywall Or Plaster Ceilings, Add	*99.80*	
		For Surface Mount, Add	*183.42*	
26 51 13 00-0300	EA	5,000 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR24™)	403.57	35.12
		For Expanded Size Junction Box For Through Wiring, Add	*3.29*	
		For Drywall Or Plaster Ceilings, Add	*99.80*	
		For Surface Mount, Add	*183.42*	
26 51 13 00-0301	EA	4,000 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (CREE® AR24™)	325.96	35.12
		For Expanded Size Junction Box For Through Wiring, Add	*3.29*	
		For Drywall Or Plaster Ceilings, Add	*99.80*	
		For Surface Mount, Add	*183.42*	
26 51 13 00-0302	EA	4,000 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture With Step Dimming (CREE® AR24™)	353.00	35.12
		For Expanded Size Junction Box For Through Wiring, Add	*3.29*	
		For Drywall Or Plaster Ceilings, Add	*99.80*	
		For Surface Mount, Add	*183.42*	

26 51 13 00-0303 Architectural, Lay-In/Troffer LED Fixtures (Metalux®) *(26 51 13 00-0286)*

Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.

26 51 13 00-0304	EA	2,500 Lumens, 2' x 2', Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC)	255.48	30.15
26 51 13 00-0305	EA	4,700 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC)	342.35	35.12

26 51 13 00-0306 Architectural, Lay-In/Troffer LED Fixtures (PlanLED) *(26 51 13 00-0286)*

Note: Includes 3,000K/6,500K color temperature, 120/277 voltage and aluminum housing assembly. Excludes sensors.

26 51 13 00-0307	EA	3,900 Lumens, 2' x 2', Master Unit, Tunable, Architectural, Lay-In/Troffer LED Fixture (PlanLED GP300TK45W-M)	282.73	30.15
26 51 13 00-0308	EA	3,900 Lumens, 2' x 2', Slave Unit, Tunable, Architectural, Lay-In/Troffer LED Fixture (PlanLED GP300TK45W-S)	272.73	30.15
26 51 13 00-0309	EA	Occupancy/Photo Control For PlanLED GP300TK45W Tunable, Architectural, Lay-In/Troffer LED Fixtures (PlanLED)	135.92	18.58
26 51 13 00-0310	EA	Remote Controller For PlanLED GP300TK45W Tunable, Architectural, Lay-In/Troffer LED Fixtures (PlanLED)	41.43	
26 51 13 00-0311	EA	Wall Controller For PlanLED GP300TK45W Tunable, Architectural, Lay-In/Troffer LED Fixtures (PlanLED)	106.55	18.58

26 51 13 00-0312 Recessed LED Downlights *(26 51 13 00-0251)*

26 51 13 00-0313 Recessed LED Downlights *(26 51 13 00-0312)*

Note: Includes housing and trim.

26 51 13 00-0314 Recessed LED Downlights (Portfolio®) *(26 51 13 00-0313)*

Note: Includes housing and trim.

26 51 13 00-0315	EA	1,300 Lumens, 4" Diameter, Recessed LED Downlight With Open Trim (Portfolio® LD413)	205.36	36.27

26 51 13 00-0316 Recessed LED Downlights (Gotham® EVO®) *(26 51 13 00-0313)*

Note: Includes housing and trim.

26 51 13 00-0317	EA	1,800 Lumens, 6" Diameter, Recessed LED Downlight With Open Trim (Gotham® EVO® ALED)	337.74	36.27
26 51 13 00-0318	EA	1,800 Lumens, 6" Diameter, Recessed LED Shower Downlight With Non-Conductive Regressed Lens (Gotham® EVO® ALED)	350.83	36.27
26 51 13 00-0319	EA	1,800 Lumens, 6" Diameter, Recessed LED Wallwash Downlight With Specular Reflector Trim (Gotham® EVO® DLWLED)	404.52	36.27
26 51 13 00-0320	EA	1,800 Lumens, 6" Diameter, Decorative Recessed LED Downlight With Glass Drop Luminous Ring (Gotham® EVO® ALED)	409.77	36.27
26 51 13 00-0321	EA	1,800 Lumens, 6" Diameter, Vandal Resistant, Recessed LED Downlight With Tempered Prismatic Lens (Gotham® EVO® VRALED)	455.59	36.27

26 51 13 00-0322 Recessed LED Downlights (Lightolier) *(26 51 13 00-0313)*

Note: Includes housing and trim.

26 51 13 00-0323	EA	500 Lumens, 4" Diameter, Recessed LED Downlight With Open Trim (Lightolier C4L05DL)	302.26	36.27
26 51 13 00-0324	EA	1,000 Lumens, 4" Diameter, Recessed LED Downlight With Open Trim (Lightolier C4L10DL)	352.11	36.27
26 51 13 00-0325	EA	1,500 Lumens, 6" Diameter, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL)	376.98	36.27
26 51 13 00-0326	EA	2,000 Lumens, 6" Diameter, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL)	376.98	36.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0327	EA	1,500 Lumens, 7" Diameter, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL)	389.47	36.27
26 51 13 00-0328	EA	2,000 Lumens, 7" Diameter, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL)	401.97	36.27
26 51 13 00-0329		Screw-In, Recessed LED Downlights And Trim (CREE®) *(26 51 13 00-0312)*		
26 51 13 00-0330		Screw-In, Recessed LED Downlights (CREE®) *(26 51 13 00-0329)*		
		Note: Dimmable to 5%. For installation in standard recessed IC or non-IC housings. Includes removal of existing lamp from fixture. Excludes housing and disposal of hazardous lamps.		
26 51 13 00-0331	EA	575 Lumens, 4" Diameter, Screw In Base, LED Downlight (Cree® CR4-575L)	69.98	
26 51 13 00-0332	EA	625 Lumens, 6" Diameter, Screw In Base, LED Downlight (Cree® CR6-625L)	60.57	
26 51 13 00-0333	EA	800 Lumens, 6" Diameter, Screw In Base, LED Downlight (Cree® CR6-800L)	74.68	
26 51 13 00-0334		Screw-In, Recessed LED Downlight Trim (CREE®) *(26 51 13 00-0329)*		
		Note: For installation in standard recessed IC or non-IC housings. Excludes housing and lamp.		
26 51 13 00-0335	EA	6" Diameter, Anodized Finish Reflector For LED Downlights (Cree® CT6AX)	28.83	5.77
26 51 13 00-0336	EA	6" Diameter, Flat Black Finish Trim And Reflector For LED Downlights (Cree® CT6BB)	30.01	5.77
26 51 13 00-0337		Can Retrofit Or Surface Mount, LED Downlights *(26 51 13 00-0312)*		
26 51 13 00-0338	EA	15 Watt, 6" Diameter, Can Retrofit Or Surface Mount, LED Downlight (Lighting Science® GLP6)	83.26	22.61
26 51 13 00-0339	EA	7 Watt, 4" Diameter, Can Retrofit, LED Downlight (Green Creative 01-811-D)	64.09	22.61
26 51 13 00-0340	EA	9.5 Watt, 6" Diameter, Can Retrofit, LED Downlight (Green Creative 01-808-D)	64.09	22.61
26 51 13 00-0341		Wall Mount LED Cylinder Downlight *(26 51 13 00-0251)*		
26 51 13 00-0342	EA	2,200 Lumens, 9" Diameter, Wall Mount LED Cylinder Downlight With Semi-Specular Trim (Gotham® EVO® CLED9)	469.66	35.12
26 51 13 00-0343		Concealed Continuous LED Fixtures *(26 51 13 00-0251)*		
26 51 13 00-0344		Concealed Continuous LED Fixtures (Fraqtir™ S301) *(26 51 13 00-0343)*		
26 51 13 00-0345	LF	Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Driver (Fraqtir™ S301)	342.30	3.77
26 51 13 00-0346	LF	Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Dimming Driver (Fraqtir™ S301)	389.98	3.77
26 51 13 00-0347		LED Low Bay Fixtures *(26 51 13 00-0251)*		
26 51 13 00-0348		LED Linear Low Bay Fixtures (PlanLED) *(26 51 13 00-0347)*		
26 51 13 00-0349	EA	4' Length, 46 System Watts, LED Linear Low Bay Fixture (PlanLED A2W4A)	245.56	45.23
26 51 13 00-0350	EA	8' Length, 96 System Watts, LED Linear Low Bay Fixture (PlanLED A2W5A)	398.95	56.53
26 51 13 00-0351		LED Linear Low Bay Fixtures (CREE® CS) *(26 51 13 00-0347)*		
		Note: Includes 3,500 or 4,000K color temperature, 120/277 voltage and lightweight polymer housing assembly. Excludes sensors.		
26 51 13 00-0352	EA	4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Cree® CS14™)	503.80	45.23
26 51 13 00-0353	EA	7,500 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	626.13	56.53
26 51 13 00-0354	EA	8,000 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	801.35	56.53
26 51 13 00-0355		Wet/Hazardous Location, LED Fixtures *(26 51 13 00-0251)*		
26 51 13 00-0356		Wet Location, LED Fixtures *(26 51 13 00-0355)*		
26 51 13 00-0357		Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM) *(26 51 13 00-0356)*		
		Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 13 00-0358	EA	47 System Watts, 3,240 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM3L)	1,172.36	63.31
		For Ceiling Mount, Add	*41.90*	
		For Quick Clip Mounting Option, Add	*18.68*	
		For Frosted Lens, Add	*40.18*	
		For Warm White Color Rendering, Add	*53.82*	
		For Stanchion Mount, Add	*92.15*	
		For Wall Mount, Add	*98.45*	
		For Polycarbonate Lens, Add	*77.48*	
		For Teflon Coated Lens, Add	*85.28*	
		For 347 Or 480 VAC, Add	*117.35*	
26 51 13 00-0359	EA	63 System Watts, 3,778 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM5L)	1,227.80	67.84
		For Ceiling Mount, Add	*41.90*	
		For Quick Clip Mounting Option, Add	*18.68*	
		For Frosted Lens, Add	*40.18*	
		For Warm White Color Rendering, Add	*53.82*	
		For Stanchion Mount, Add	*92.15*	
		For Wall Mount, Add	*98.45*	
		For Polycarbonate Lens, Add	*77.48*	
		For Teflon Coated Lens, Add	*85.28*	
		For 347 Or 480 VAC, Add	*117.35*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0360	EA	98 System Watts, 6,340 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM7L)	1,380.99	72.36
		For Ceiling Mount, Add	*41.90*	
		For Quick Clip Mounting Option, Add	*18.68*	
		For Frosted Lens, Add	*40.18*	
		For Warm White Color Rendering, Add	*53.82*	
		For Stanchion Mount, Add	*92.15*	
		For Wall Mount, Add	*98.45*	
		For Polycarbonate Lens, Add	*77.48*	
		For Teflon Coated Lens, Add	*85.28*	
		For 347 Or 480 VAC, Add	*117.35*	
26 51 13 00-0361	EA	98 System Watts, 6,340 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM9L)	1,706.57	76.88
		For Ceiling Mount, Add	*41.90*	
		For Quick Clip Mounting Option, Add	*18.68*	
		For Frosted Lens, Add	*40.18*	
		For Warm White Color Rendering, Add	*53.82*	
		For Stanchion Mount, Add	*92.15*	
		For Wall Mount, Add	*98.45*	
		For Polycarbonate Lens, Add	*77.48*	
		For Teflon Coated Lens, Add	*85.28*	
		For 347 Or 480 VAC, Add	*117.35*	
26 51 13 00-0362	EA	137 System Watts, 9,720 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L)	1,992.99	81.40
		For Ceiling Mount, Add	*41.90*	
		For Quick Clip Mounting Option, Add	*18.68*	
		For Frosted Lens, Add	*40.18*	
		For Warm White Color Rendering, Add	*53.82*	
		For Stanchion Mount, Add	*92.15*	
		For Wall Mount, Add	*98.45*	
		For Polycarbonate Lens, Add	*77.48*	
		For Teflon Coated Lens, Add	*85.28*	
		For 347 Or 480 VAC, Add	*117.35*	

26 51 13 00-0363 Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM) *(26 51 13 00-0356)*

Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 13 00-0364	EA	64 System Watts, 3,160 Lumens, Yoke Mount, Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM5L)	1,269.55	67.84
		For Bolt-On Visor, Add	*29.38*	
		For Bolt-On Wire Guard, Add	*53.82*	
		For Factory Installed Fuse, Add	*75.70*	
		For 347 Or 480 VAC, Add	*117.35*	
		For Warm White Color Rendering, Add	*119.91*	
26 51 13 00-0365	EA	94 System Watts, 4,740 Lumens, Yoke Mount, Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM7L)	1,576.14	72.36
		For Bolt-On Visor, Add	*29.38*	
		For Bolt-On Wire Guard, Add	*53.82*	
		For Factory Installed Fuse, Add	*75.70*	
		For 347 Or 480 VAC, Add	*117.35*	
		For Warm White Color Rendering, Add	*119.91*	
26 51 13 00-0366	EA	126 System Watts, 6,320 Lumens, Yoke Mount, Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM9L)	1,736.43	76.88
		For Bolt-On Visor, Add	*29.38*	
		For Bolt-On Wire Guard, Add	*53.82*	
		For Factory Installed Fuse, Add	*75.70*	
		For 347 Or 480 VAC, Add	*117.35*	
		For Warm White Color Rendering, Add	*119.91*	
26 51 13 00-0367	EA	188 System Watts, 9,481 Lumens, Yoke Mount, Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM11L)	1,990.33	81.40
		For Bolt-On Visor, Add	*29.38*	
		For Bolt-On Wire Guard, Add	*53.82*	
		For Factory Installed Fuse, Add	*75.70*	
		For 347 Or 480 VAC, Add	*117.35*	
		For Warm White Color Rendering, Add	*119.91*	

26 51 13 00-0368 Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2L) *(26 51 13 00-0356)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 13 00-0369	EA	25 System Watts, 1,400 Lumens, Pendant Mount, Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2LC)	751.06	63.31
		For 12/24 Volt DC Driver, Add	*22.70*	
		For Frosted Lens, Add	*25.57*	
		For 55 Degree Ambient Suitability (AC Only), Add	*30.90*	
		For Warm White Color Rendering, Add	*36.17*	
		For Ceiling Mount, Add	*69.80*	
		For Wall Mount, Add	*92.22*	
		For Teflon Coated Lens, Add	*98.07*	
		For Wall Mount With Junction Box, Add	*124.94*	

26 51 13 00-0370 Class I Division 2, Hazardous Location, LED Fixtures *(26 51 13 00-0355)*

26 51 13 00-0371 Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV) *(26 51 13 00-0370)*

Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0372	EA	64 System Watts, 3,160 Lumens, Yoke Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV5L)	1,455.28	67.84
		For Bolt-On Visor, Add	*33.79*	
		For Bolt-On Wire Guard, Add	*61.89*	
		For Factory Installed Fuse, Add	*75.70*	
		For 347 Or 480 VAC, Add	*117.35*	
		For Warm White Color Rendering, Add	*119.91*	
26 51 13 00-0373	EA	94 System Watts, 4,740 Lumens, Yoke Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV7L)	1,779.78	72.36
		For Bolt-On Visor, Add	*33.79*	
		For Bolt-On Wire Guard, Add	*61.89*	
		For Factory Installed Fuse, Add	*75.70*	
		For 347 Or 480 VAC, Add	*117.35*	
		For Warm White Color Rendering, Add	*119.91*	
26 51 13 00-0374	EA	126 System Watts, 6,320 Lumens, Yoke Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV9L)	2,009.19	76.88
		For Bolt-On Visor, Add	*33.79*	
		For Bolt-On Wire Guard, Add	*61.89*	
		For Factory Installed Fuse, Add	*75.70*	
		For 347 Or 480 VAC, Add	*117.35*	
		For Warm White Color Rendering, Add	*119.91*	
26 51 13 00-0375	EA	188 System Watts, 9,481 Lumens, Yoke Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV11L)	2,244.95	81.40
		For Bolt-On Visor, Add	*33.79*	
		For Bolt-On Wire Guard, Add	*61.89*	
		For Factory Installed Fuse, Add	*75.70*	
		For 347 Or 480 VAC, Add	*117.35*	
		For Warm White Color Rendering, Add	*119.91*	

26 51 13 00-0376 Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC) *(26 51 13 00-0370)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 13 00-0377	EA	25 System Watts, 1,600 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC)	889.17	63.31
		For 12/24 Volt DC Driver, Add	*19.74*	
		For Frosted Lens, Add	*22.24*	
		For Warm White Color Temperature LEDs, Add	*26.87*	
		For 55 Degree Ambient Suitability (AC Only) Option, Add	*31.45*	
		For Stanchion Mount, Add	*60.12*	
		For Ceiling Mount, Add	*76.64*	
		For Wall Mount, Add	*100.18*	
		For Teflon Coated Lens, Add	*85.28*	
		For Wall Mount With Junction Box, Add	*134.54*	

26 51 13 00-0378 Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV) *(26 51 13 00-0370)*

Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 13 00-0379	EA	47 System Watts, 3,240 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV3L)	1,331.39	63.31
		For Ceiling Mount, Add	*48.46*	
		For Quick Clip Mounting Option, Add	*18.68*	
		For Frosted Lens, Add	*46.21*	
		For Warm White Color Rendering, Add	*53.82*	
		For Polycarbonate Lens, Add	*77.48*	
		For 347 Or 480 VAC, Add	*117.35*	
26 51 13 00-0380	EA	63 System Watts, 3,778 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV5L)	1,474.10	67.84
		For Ceiling Mount, Add	*48.46*	
		For Quick Clip Mounting Option, Add	*18.68*	
		For Frosted Lens, Add	*46.21*	
		For Warm White Color Rendering, Add	*53.82*	
		For Polycarbonate Lens, Add	*77.48*	
		For 347 Or 480 VAC, Add	*117.35*	
26 51 13 00-0381	EA	98 System Watts, 6,340 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV7L)	1,764.93	72.36
		For Ceiling Mount, Add	*48.46*	
		For Quick Clip Mounting Option, Add	*18.68*	
		For Frosted Lens, Add	*46.21*	
		For Warm White Color Rendering, Add	*53.82*	
		For Polycarbonate Lens, Add	*77.48*	
		For 347 Or 480 VAC, Add	*117.35*	
26 51 13 00-0382	EA	98 System Watts, 6,340 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV9L)	2,145.53	76.88
		For Ceiling Mount, Add	*48.46*	
		For Quick Clip Mounting Option, Add	*18.68*	
		For Frosted Lens, Add	*46.21*	
		For Warm White Color Rendering, Add	*53.82*	
		For Polycarbonate Lens, Add	*77.48*	
		For 347 Or 480 VAC, Add	*117.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0383	EA	137 System Watts, 9,720 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV11L)	2,416.67	81.40
		For Ceiling Mount, Add	*48.46*	
		For Quick Clip Mounting Option, Add	*18.68*	
		For Frosted Lens, Add	*46.21*	
		For Warm White Color Rendering, Add	*53.82*	
		For Polycarbonate Lens, Add	*77.48*	
		For 347 Or 480 VAC, Add	*117.35*	
26 51 13 00-0384		Class I Division 1, Explosion Proof, LED Fixtures *(26 51 13 00-0355)*		
26 51 13 00-0385		Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL) *(26 51 13 00-0384)*		
		Note: Includes 5,600K CRI LED arrays, shatter resistant and explosion proof glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 13 00-0386	EA	80 System Watts, 5,625 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL5L)	1,928.58	67.84
		For Wall Mount, Deduct	*49.54*	
		For Warm Color Temperature LEDs, Add	*51.26*	
		For Stainless Steel Guard, Add	*129.40*	
		For Ceiling Mount, Add	*142.01*	
		For Stanchion Mount, Add	*183.90*	
		For Yoke Mount, Add	*319.92*	
26 51 13 00-0387	EA	100 System Watts, 6,750 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL7L)	2,341.68	72.36
		For Wall Mount, Deduct	*49.54*	
		For Warm Color Temperature LEDs, Add	*51.26*	
		For Stainless Steel Guard, Add	*129.40*	
		For Ceiling Mount, Add	*142.01*	
		For Stanchion Mount, Add	*183.90*	
		For Yoke Mount, Add	*319.92*	
26 51 13 00-0388	EA	130 System Watts, 9,000 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL9L)	2,717.97	76.88
		For Wall Mount, Deduct	*49.54*	
		For Warm Color Temperature LEDs, Add	*51.26*	
		For Stainless Steel Guard, Add	*129.40*	
		For Ceiling Mount, Add	*142.01*	
		For Stanchion Mount, Add	*183.90*	
		For Yoke Mount, Add	*319.92*	
26 51 13 00-0389	EA	151 System Watts, 10,500 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL11L)	3,101.14	81.40
		For Wall Mount, Deduct	*49.54*	
		For Warm Color Temperature LEDs, Add	*51.26*	
		For Stainless Steel Guard, Add	*129.40*	
		For Ceiling Mount, Add	*142.01*	
		For Stanchion Mount, Add	*183.90*	
		For Yoke Mount, Add	*319.92*	
26 51 13 00-0390	EA	175 System Watts, 13,500 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL13L)	3,590.47	78.39
		For Wall Mount, Deduct	*49.54*	
		For Warm Color Temperature LEDs, Add	*51.26*	
		For Stainless Steel Guard, Add	*129.40*	
		For Ceiling Mount, Add	*142.01*	
		For Stanchion Mount, Add	*183.90*	
		For Yoke Mount, Add	*319.92*	
26 51 13 00-0391		Refrigeration/Display LED Fixtures *(26 51 13 00-0251)*		
26 51 13 00-0392	EA	5' Length, Center Mount, Refrigeration/Display, Vertical LED Fixture (Lithonia FSV5 CM DLC)	251.66	35.12
26 51 13 00-0393	EA	5' Length, Left And Right Mount (Pair), Refrigeration/Display, Vertical LED Fixture (Lithonia FSVDRVL RLEM DLC)	320.41	62.18
26 51 13 00-0394	EA	Up To 5 Door Configuration, LED Driver For Refrigeration/Display, Vertical LED Fixtures (Lithonia FSVDRVL)	312.67	49.75
26 51 13 00-0395		Recessed Fixtures *(26 51 13)*		
		Note: Housing and trim priced separately.		
26 51 13 00-0396		Recessed Fixture Housings *(26 51 13 00-0395)*		
		Note: Lamps included in all prices. The housing insulation must be 3" from housing. ICT may be covered with insulation. Remodel housing may be installed from below ceiling. ICAT housing is air tight. Demo cost of housing includes demo of any fixture trim.		
26 51 13 00-0397		Compact Fluorescent, Recessed Fixture Housings *(26 51 13 00-0396)*		
26 51 13 00-0398	EA	4" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	83.50	23.58
26 51 13 00-0399	EA	5" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	85.59	23.58
26 51 13 00-0400	EA	6" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	88.92	24.74
26 51 13 00-0401	EA	7" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	91.70	25.81
26 51 13 00-0402	EA	8" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	94.82	26.88
26 51 13 00-0403	EA	10" To 12" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	98.11	28.52
26 51 13 00-0404		Fluorescent, Recessed Fixture Housings *(26 51 13 00-0396)*		
26 51 13 00-0405	EA	4" Round, Fluorescent, T Or ICT Recessed Fixture Housing	74.38	23.58
26 51 13 00-0406	EA	5" Round, Fluorescent, T Or ICT Recessed Fixture Housing	76.50	23.58
26 51 13 00-0407	EA	6" Round, Fluorescent, T Or ICT Recessed Fixture Housing	79.76	24.66
26 51 13 00-0408	EA	7" Round, Fluorescent, T Or ICT Recessed Fixture Housing	83.74	25.56
26 51 13 00-0409	EA	8" Round, Fluorescent, T Or ICT Recessed Fixture Housing	87.29	26.88
26 51 13 00-0410	EA	10" To 12" Square, Fluorescent, T Or ICT Recessed Fixture Housing	90.73	28.52

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0411		**High Pressure Sodium, Recessed Fixture Housings** *(26 51 13 00-0396)*		
26 51 13 00-0412	EA	4" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	86.51	23.74
26 51 13 00-0413	EA	5" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	89.92	23.74
26 51 13 00-0414	EA	6" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	94.41	24.74
26 51 13 00-0415	EA	7" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	97.92	25.81
26 51 13 00-0416	EA	8" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	101.40	26.88
26 51 13 00-0417	EA	10" To 12" Square, High Pressure Sodium, T Or ICT Recessed Fixture Housing	104.79	28.52
26 51 13 00-0418		**Incandescent, Recessed Fixture Housings** *(26 51 13 00-0396)*		
26 51 13 00-0419	EA	4" Round, Incandescent, T Or ICT Recessed Fixture Housing	50.49	23.58
26 51 13 00-0420	EA	5" Round, Incandescent, T Or ICT Recessed Fixture Housing	50.49	23.58
26 51 13 00-0421	EA	6" Round, Incandescent, T Or ICT Recessed Fixture Housing	53.44	24.74
26 51 13 00-0422	EA	7" Round, Incandescent, T Or ICT Recessed Fixture Housing	56.47	25.81
26 51 13 00-0423	EA	8" Round, Incandescent, T Or ICT Recessed Fixture Housing	59.51	26.88
26 51 13 00-0424	EA	10" To 12" Square, Incandescent, T Or ICT Recessed Fixture Housing	61.19	28.52
26 51 13 00-0425		**LED, Recessed Fixture Housings** *(26 51 13 00-0396)*		
26 51 13 00-0426	EA	16 Watt, 6" Round, LED, Recessed Fixture Housing	336.86	24.74
26 51 13 00-0427	EA	25 Watt, 6" Round, LED, Recessed Fixture Housing	401.09	24.74
26 51 13 00-0428	EA	28 Watt, 8" Round, LED, Recessed Fixture Housing	490.03	26.88
26 51 13 00-0429	EA	36 Watt, 8" Round, LED, Recessed Fixture Housing	586.38	26.88
26 51 13 00-0430		**Recessed Fixture Trim** *(26 51 13 00-0395)*		
26 51 13 00-0431	EA	Circular, Recessed Fixture Trim	35.92	11.55
26 51 13 00-0432	EA	Circular Clear Lens, Recessed Fixture Trim	39.33	11.55
26 51 13 00-0433	EA	Open/Baffle, Recessed Fixture Trim	45.24	11.55
26 51 13 00-0434	EA	Specular Reflector, Recessed Fixture Trim	48.37	11.55
26 51 13 00-0435	EA	Eyeball, Recessed Fixture Trim	39.38	11.55
26 51 13 00-0436	EA	10" To 12" Square, Clear Lens, Recessed Fixture Trim	37.55	11.55
26 51 13 00-0437	EA	10" To 12" Square, Drop Dish, Recessed Fixture Trim	39.65	11.55
26 51 13 00-0438		**Recessed Mounted Box Type Fluorescent Fixtures, Direct/Indirect** *(26 51 13 00-0395)*		
26 51 13 00-0439		**2' x 2' Recessed Mounted Box Type Direct/Indirect** *(26 51 13 00-0438)*		
26 51 13 00-0440	EA	2' x 2' Recessed Mounted Box Type Direct/Indirect, 3 T5 Lamps Note: With electronic ballast.	225.96	30.15
26 51 13 00-0441		**Ceiling Mounted Fixtures** *(26 51 13)*		
26 51 13 00-0442		**Ceiling Mounted, Compact Fluorescent/Incandescent Fixtures** *(26 51 13 00-0441)*		
26 51 13 00-0443		**Glass Globe, Compact Fluorescent/Incandescent Fixtures** *(26 51 13 00-0442)*		
26 51 13 00-0444	EA	6" Diameter, Ceiling Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture	88.61	32.97
26 51 13 00-0445	EA	9" Diameter, Ceiling Mounted, Mushroom Style Glass Globe, Compact Fluorescent/Incandescent Fixture	102.00	32.97
26 51 13 00-0446		**Ceiling Mounted, Circline Fluorescent Fixtures** *(26 51 13 00-0441)*		
26 51 13 00-0447		**Exposed Lamps, Circline Fluorescent Fixtures** *(26 51 13 00-0446)*		
26 51 13 00-0448	EA	8-1/2" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	86.22	32.97
26 51 13 00-0449	EA	12" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	102.56	32.97
26 51 13 00-0450		**Low Profile Acrylic Diffuser, Circline Fluorescent Fixtures** *(26 51 13 00-0446)*		
26 51 13 00-0451	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	106.36	32.97
26 51 13 00-0452	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	143.21	32.97
26 51 13 00-0453	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	168.75	32.97
26 51 13 00-0454	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	118.30	32.97
26 51 13 00-0455	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	143.97	32.97
26 51 13 00-0456	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	168.75	32.97
26 51 13 00-0457		**Ceiling Mounted, Double Twin Tube Compact Fluorescent Fixtures** *(26 51 13 00-0441)*		
26 51 13 00-0458		**Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixtures** *(26 51 13 00-0457)*		
26 51 13 00-0459	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	131.25	32.97
26 51 13 00-0460	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	134.45	32.97
26 51 13 00-0461	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	157.39	32.97
26 51 13 00-0462	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	90.30	32.97
26 51 13 00-0463	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	104.36	32.97
26 51 13 00-0464	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	131.00	32.97
26 51 13 00-0465		**Pendant Mounted, Compact Fluorescent/Incandescent Downlights** *(26 51 13 00-0441)*		
26 51 13 00-0466		**Pendant Mounted, Compact Fluorescent/Incandescent Open Reflector Downlights** *(26 51 13 00-0465)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0467	EA	6" Diameter, Pendant Mounted, Open Reflector Compact Fluorescent/Incandescent Downlight	155.32	27.09
26 51 13 00-0468		Pendant Mounted, Compact Fluorescent/Incandescent Downlights With Baffle *(26 51 13 00-0465)*		
26 51 13 00-0469	EA	6" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	175.70	27.09
26 51 13 00-0470	EA	8" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	241.46	27.09
26 51 13 00-0471		Pendant Mounted, Horizontal Indirect Fluorescent Fixtures *(26 51 13 00-0441)*		
26 51 13 00-0472	EA	1 T5HO Lamp, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	160.32	27.09
26 51 13 00-0473	EA	2 T5HO Lamps, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	172.06	27.09
26 51 13 00-0474	EA	3 T5HO Lamps, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	205.48	27.09
26 51 13 00-0475	EA	2 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	210.47	27.09
26 51 13 00-0476	EA	4 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	253.66	27.09
26 51 13 00-0477	EA	6 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	303.75	27.09
26 51 13 00-0478		Finelite Fluorescent Fixtures *(26 51 13 00-0441)*		
26 51 13 00-0479		Pendant Mounted, Fluorescent Downlight Fixtures (Finelite Series 10) *(26 51 13 00-0478)*		
26 51 13 00-0480	EA	1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	263.16	38.42
26 51 13 00-0481	EA	2 T8 Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	261.37	38.42
26 51 13 00-0482	EA	3 T8 Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	280.92	38.42
26 51 13 00-0483	EA	1 T5HO Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	317.72	38.42
26 51 13 00-0484	EA	2 T5HO Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	349.16	38.42
26 51 13 00-0485	EA	3 T5HO Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	427.54	38.42
26 51 13 00-0486	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	369.70	40.07
26 51 13 00-0487	EA	4 T8 Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	378.93	40.07
26 51 13 00-0488	EA	6 T8 Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	418.02	40.07
26 51 13 00-0489	EA	2 T5HO Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	410.55	40.07
26 51 13 00-0490	EA	4 T5HO Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	516.10	40.07
26 51 13 00-0491	EA	6 T5HO Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	608.85	40.07
26 51 13 00-0492	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	484.77	41.71
26 51 13 00-0493	EA	6 T8 Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	500.75	41.71
26 51 13 00-0494	EA	9 T8 Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	550.86	41.71
26 51 13 00-0495	EA	3 T5HO Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	567.39	41.71
26 51 13 00-0496	EA	6 T5HO Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	704.38	41.71
26 51 13 00-0497	EA	9 T5HO Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	845.64	41.71
26 51 13 00-0498		Pendant Mounted, Fluorescent Wallwash Fixtures (Finelite Series X2-O) *(26 51 13 00-0478)*		
26 51 13 00-0499	EA	1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	254.14	38.42
26 51 13 00-0500	EA	1 T5 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	287.89	38.42
26 51 13 00-0501	EA	1 T5HO Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	278.50	38.42
26 51 13 00-0502	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	366.27	40.07
26 51 13 00-0503	EA	2 T5 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	415.77	40.07
26 51 13 00-0504	EA	2 T5HO Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	396.98	40.07
26 51 13 00-0505	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	478.40	41.71
26 51 13 00-0506	EA	3 T5 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	579.65	41.71
26 51 13 00-0507	EA	3 T5HO Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	551.47	41.71
26 51 13 00-0508		Pendant Mounted, Fluorescent Indirect Fixtures (Finelite Series 8) *(26 51 13 00-0478)*		
26 51 13 00-0509	EA	1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	197.64	38.42
26 51 13 00-0510	EA	2 T8 Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	207.02	38.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0511	EA	3 T8 Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	241.70	38.42
26 51 13 00-0512	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	253.52	40.07
26 51 13 00-0513	EA	4 T8 Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	295.28	40.07
26 51 13 00-0514	EA	6 T8 Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	345.09	40.07
26 51 13 00-0515	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	343.90	41.71
26 51 13 00-0516	EA	6 T8 Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	415.74	41.71
26 51 13 00-0517	EA	9 T8 Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	492.18	41.71
26 51 13 00-0518		Track Lighting *(26 51 13)*		
26 51 13 00-0519		Track Lighting Tracks *(26 51 13 00-0518)*		
26 51 13 00-0520	LF	1 Circuit Track Lighting Track	22.42	5.44
26 51 13 00-0521	LF	2 Circuit Track Lighting Track	29.82	5.44
26 51 13 00-0522	LF	3 Circuit Track Lighting Track	36.08	5.44
26 51 13 00-0523	LF	4 Circuit Track Lighting Track	42.34	6.59
26 51 13 00-0524		Track Lighting Fixtures *(26 51 13 00-0518)*		
26 51 13 00-0525		Compact Fluorescent Track Lighting Fixtures *(26 51 13 00-0524)*		
26 51 13 00-0526	EA	Compact Fluorescent Track Lighting Fixture	52.79	13.77
26 51 13 00-0527		Fluorescent Track Lighting Fixtures *(26 51 13 00-0524)*		
26 51 13 00-0528	EA	2L 18W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	249.79	13.77
26 51 13 00-0529	EA	2L 39W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	261.35	13.77
26 51 13 00-0530	EA	2L 40W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	268.58	13.77
26 51 13 00-0531	EA	2L 50W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	237.35	13.77
26 51 13 00-0532	EA	2L 55W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	303.81	13.77
26 51 13 00-0533		Metal Halide Track Lighting Fixtures *(26 51 13 00-0524)*		
26 51 13 00-0534	EA	Metal Halide Track Lighting Fixture	55.56	13.77
26 51 13 00-0535		Incandescent Track Lighting Fixtures *(26 51 13 00-0524)*		
26 51 13 00-0536	EA	Incandescent Track Lighting Fixture	45.91	13.77
26 51 13 00-0537	EA	Par 20 Track Fixture, White Or Black Finish, 120V	58.35	13.77
26 51 13 00-0538	EA	Par 30 Track Fixture, White Or Black Finish, 120V	87.49	13.77
26 51 13 00-0539	EA	Par 38 Track Fixture, White Or Black Finish, 120V	90.38	13.77
26 51 13 00-0540	EA	PAR 16, Baffled Cylinder Track Fixture, White or Black Finish, 120V	71.54	13.77
26 51 13 00-0541	EA	PAR 20, Baffled Cylinder Track Fixture, White or Black Finish, 120V	58.35	13.77
26 51 13 00-0542	EA	PAR 30, Baffled Cylinder Track Fixture, White or Black Finish Note: 120V.	70.16	13.77
26 51 13 00-0543	EA	PAR 38, Baffled Cylinder Track Fixture, White or Black Finish, 120V	93.27	13.77
26 51 13 00-0544		LED Track Lighting Fixtures *(26 51 13 00-0524)*		
26 51 13 00-0545	EA	19 Watt, Dimmable, LED Track Lighting Fixture (Juno® TRAC-MASTER® Cylindra™)	197.46	13.77
26 51 13 00-0546	EA	18 Watt, Dimmable, LED Track Lighting Fixture (HALO® Stasis L805MED)	351.47	13.77
26 51 13 00-0547	EA	24 Watt, Dimmable, LED Track Lighting Fixture (Amerlux CNTRV33)	203.31	13.77
26 51 13 00-0548		Track Lighting Accessories *(26 51 13 00-0518)*		
26 51 13 00-0549		Pendant Mounting *(26 51 13 00-0548)*		
26 51 13 00-0550	EA	Track Lighting Pendant Mounting, Up to 12"	22.52	
26 51 13 00-0551	EA	Track Lighting Pendant Mounting, >12" To 24"	29.91	
26 51 13 00-0552	EA	Track Lighting Pendant Mounting, >24" To 36"	36.78	
26 51 13 00-0553		Wet Location, Dust Resistant, Vapor Tight Fixtures *(26 51 13)*		
26 51 13 00-0554		Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 13 00-0553)*		
26 51 13 00-0555		Incandescent, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 13 00-0554)*		
26 51 13 00-0556	EA	100 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	117.31	32.97
26 51 13 00-0557	EA	200 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	138.73	32.97
26 51 13 00-0558		Compact Fluorescent, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 13 00-0554)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0559	EA	13 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	128.36	32.97
26 51 13 00-0560	EA	22 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	132.57	32.97
26 51 13 00-0561	EA	28 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	142.99	32.97
26 51 13 00-0562		Metal Halide, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 13 00-0554)*		
26 51 13 00-0563	EA	75 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	165.00	32.97
26 51 13 00-0564	EA	100 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	170.91	32.97
26 51 13 00-0565	EA	150 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	182.91	32.97
26 51 13 00-0566	EA	175 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	200.96	32.97
26 51 13 00-0567		High Pressure Sodium, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 13 00-0554)*		
26 51 13 00-0568	EA	70 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	150.94	32.97
26 51 13 00-0569	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	158.28	32.97
26 51 13 00-0570	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	186.65	32.97
26 51 13 00-0571		Prismatic Lensed, Enclosed And Gasketed Fluorescent Fixtures *(26 51 13 00-0553)*		
26 51 13 00-0572		4' Length, Prismatic Lensed, Enclosed And Gasketed Fluorescent Fixtures *(26 51 13 00-0571)*		
26 51 13 00-0573	EA	2 T8 Lamps, 4' Length, Prismatic Lensed, Enclosed And Gasketed Fluorescent Fixture	203.83	35.12
26 51 13 00-0574	EA	4 T8 Lamps, 4' Length, Prismatic Lensed, Enclosed And Gasketed Fluorescent Fixture	300.79	35.12
26 51 13 00-0575		8' Length, Prismatic Lensed, Enclosed And Gasketed Fluorescent Fixtures *(26 51 13 00-0571)*		
26 51 13 00-0576	EA	2 T8 Lamps, 8' Length, Prismatic Lensed, Enclosed And Gasketed Fluorescent Fixture	353.74	47.71
26 51 13 00-0577	EA	4 T8 Lamps, 8' Length, Prismatic Lensed, Enclosed And Gasketed Fluorescent Fixture	397.22	47.71
26 51 13 00-0578		Large Interior Area Fixtures *(26 51 13)*		
26 51 13 00-0579		Recessed Mounted, Large Interior Area Fixtures *(26 51 13 00-0578)* Note: Cast aluminum socket housing, anodized aluminum reflector, tempered glass or acrylic lens, plaster mounting frames and brackets.		
26 51 13 00-0580		High Pressure Sodium, Recessed Mounted, Large Interior Area Fixtures *(26 51 13 00-0579)*		
26 51 13 00-0581	EA	150 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	284.07	87.89
26 51 13 00-0582	EA	250 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	294.85	93.33
26 51 13 00-0583	EA	400 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	352.23	106.52
26 51 13 00-0584		Metal Halide, Recessed Mounted, Large Interior Area Fixtures *(26 51 13 00-0579)*		
26 51 13 00-0585	EA	150 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	301.68	87.89
26 51 13 00-0586	EA	250 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	292.34	93.33
26 51 13 00-0587	EA	400 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	305.30	106.52
26 51 13 00-0588		Low Bay Fixtures, Large Interior Area Fixtures *(26 51 13 00-0578)* Note: Heavy duty steel housing, aluminum reflector, tempered glass or acrylic lens. Low bay fixtures are for mounting below 20-25 feet.		
26 51 13 00-0589		High Pressure Sodium, Low Bay Fixtures *(26 51 13 00-0588)*		
26 51 13 00-0590	EA	150 Watt High Pressure Sodium, Low Bay Fixture	418.97	80.35
26 51 13 00-0591	EA	250 Watt High Pressure Sodium, Low Bay Fixture	427.48	85.32
26 51 13 00-0592	EA	400 Watt High Pressure Sodium, Low Bay Fixture	489.15	97.38
26 51 13 00-0593		Metal Halide, Low Bay Fixtures *(26 51 13 00-0588)*		
26 51 13 00-0594	EA	175 Watt Metal Halide, Low Bay Fixture	412.54	80.35
26 51 13 00-0595	EA	250 Watt Metal Halide, Low Bay Fixture	423.30	85.32
26 51 13 00-0596	EA	400 Watt Metal Halide, Low Bay Fixture	440.38	97.38
26 51 13 00-0597		High Bay Fixtures, Large Interior Area Fixtures *(26 51 13 00-0578)* Note: High bay fixtures are for mounting above 20-25 feet. See CSI section 01 22 23 00-0001 for lifts.		
26 51 13 00-0598		High Pressure Sodium, High Bay Fixtures *(26 51 13 00-0597)* Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.		
26 51 13 00-0599	EA	250 Watt High Pressure Sodium, High Bay Fixture	376.21	85.32
26 51 13 00-0600	EA	400 Watt High Pressure Sodium, High Bay Fixture	443.28	97.38
26 51 13 00-0601	EA	1000 Watt High Pressure Sodium, High Bay Fixture	637.69	102.43
26 51 13 00-0602		Metal Halide, High Bay Fixtures *(26 51 13 00-0597)* Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.		
26 51 13 00-0603	EA	250 Watt Metal Halide, High Bay Fixture	347.94	85.32
26 51 13 00-0604	EA	400 Watt Metal Halide, High Bay Fixture	364.81	97.38
26 51 13 00-0605	EA	1000 Watt Metal Halide, High Bay Fixture	535.36	102.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 51 13 00-0606 (T8) Fluorescent, High Bay Fixtures *(26 51 13 00-0597)*

26 51 13 00-0607 (T8) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 13 00-0606)*

Note: For 8' fixture, use two (2) 4' fixtures.

26 51 13 00-0608	EA	2 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	274.14	76.88
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0609	EA	3 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	288.27	85.17
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0610	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	326.70	97.23
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0611	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	385.39	102.43
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0612	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	416.79	107.18
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0613	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	345.26	97.23
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0614	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	357.75	102.43
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0615	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	416.60	107.18
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	

26 51 13 00-0616 (T5HO) Fluorescent, High Bay Fixtures *(26 51 13 00-0597)*

26 51 13 00-0617 (T5HO) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 13 00-0616)*

Note: For 8' fixture, use two (2) 4' fixtures.

26 51 13 00-0618	EA	2 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	283.48	76.88
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0619	EA	3 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	300.96	85.17
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0620	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	344.54	97.23
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0621	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	414.56	102.43
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0622	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	384.29	97.23
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0623	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	429.19	102.43
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0624	EA	8 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	514.70	107.18
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	

26 51 13 00-0625 Induction, High Bay Fixtures *(26 51 13 00-0597)*

26 51 13 00-0626 Induction, High Bay Fixtures (Everlast®) *(26 51 13 00-0625)*

Note: Includes die cast aluminum ballast casing and acrylic lens.

26 51 13 00-0627	EA	100 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	429.56	74.62
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 13 00-0628	EA	120 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	463.78	77.11
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 13 00-0629	EA	150 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	471.74	79.60
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 13 00-0630	EA	200 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	518.56	82.08
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 13 00-0631	EA	250 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	531.78	84.57
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 13 00-0632	EA	100 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	466.31	74.62
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 13 00-0633	EA	120 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	500.53	77.11
		For Impact Resistant Silicon Lens, Add	*20.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0634	EA	150 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	508.49	79.60
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 13 00-0635	EA	200 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	555.31	82.08
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 13 00-0636	EA	250 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	568.53	84.57
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 13 00-0637		LED, High Bay Fixtures *(26 51 13 00-0597)*		
26 51 13 00-0638		LED High Bay Fixtures (Lithonia IBL) *(26 51 13 00-0637)*		
		Note: Includes aluminum alloy chassis.		
26 51 13 00-0639	EA	9,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 9L)	540.07	82.91
26 51 13 00-0640	EA	12,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 12L)	592.57	82.91
26 51 13 00-0641	EA	18,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 18L)	734.32	82.91
26 51 13 00-0642	EA	24,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 24L)	791.02	82.91
26 51 13 00-0643		LED High Bay Fixtures (PlanLED LUNA) *(26 51 13 00-0637)*		
		Note: Includes aluminum alloy chassis.		
26 51 13 00-0644	EA	7,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN70)	540.82	82.91
26 51 13 00-0645	EA	9,800 Lumens, LED High Bay Fixture (PlanLED LUNA LN98)	640.82	82.91
26 51 13 00-0646	EA	13,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN130)	690.82	82.91
26 51 13 00-0647	EA	16,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN160)	765.82	82.91
26 51 13 00-0648		Ceiling Mounted, Large Interior Area Fixtures *(26 51 13 00-0578)*		
		Note: Heavy duty aluminum housing, aluminum reflector, acrylic drop dish lens, fully gasketed.		
26 51 13 00-0649		High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixtures *(26 51 13 00-0648)*		
26 51 13 00-0650	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	336.92	57.14
26 51 13 00-0651	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	374.19	57.14
26 51 13 00-0652	EA	250 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	423.97	57.14
26 51 13 00-0653	EA	400 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	595.78	57.14
26 51 13 00-0654		Metal Halide, Ceiling Mounted, Large Interior Area Fixtures *(26 51 13 00-0648)*		
26 51 13 00-0655	EA	100 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	297.06	57.14
26 51 13 00-0656	EA	175 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	302.72	63.40
26 51 13 00-0657	EA	250 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	323.45	68.67
26 51 13 00-0658	EA	400 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	343.67	81.78
26 51 13 00-0659		Interior Lighting Accessories *(26 51 13)*		
26 51 13 00-0660	LF	For Each Additional LF Of Interior Lighting Wire Whip, Add	0.89	
		Note: Wire whips are included with interior lighting fixtures, where necessary, up to six feet in length. Use this task for additional required whip length. For example, if the fixture requires a 15' wire whip then use 9 LF of this task to reach required length.		
26 51 13 00-0661		Lighting Accessories *(26 51 13)*		
26 51 13 00-0662		Photocells *(26 51 13 00-0661)*		
26 51 13 00-0663	EA	Plug-In Photocell For Lighting Fixtures	58.08	
26 51 13 00-0664	EA	Wired Photocell For Lighting Fixtures	142.58	
26 51 13 00-0665		Supports For Light Fixtures *(26 51 13 00-0661)*		
26 51 13 00-0666	EA	Bracket For Mounting Light Fixture On Wall	85.61	
26 51 13 00-0667		Modular Flexible Wiring Systems *(26 51 13 00-0661)*		
26 51 13 00-0668	EA	10' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-10)	54.15	4.45
26 51 13 00-0669	EA	15' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-15)	62.20	4.45
26 51 13 00-0670	EA	20' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-20)	74.57	4.45
26 51 13 00-0671	EA	15' Length, 2-Circuit, Modular Lighting Cable (Day-Brite LC-27-2E-15)	62.20	4.45
26 51 13 00-0672	EA	3 Out, 3-Circuit, Modular Lighting Interface (Day-Brite LI-27-3E)	55.98	4.45
26 51 13 00-0673	EA	13' Length, 2-Circuit, Modular Reddy-Connect Cable (Day-Brite RC-27-2D-13)	80.90	4.45
26 51 13 00-0674	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-7M)	45.53	4.45
26 51 13 00-0675	EA	3" Length, 2-Circuit, Modular Lighting Tap (Day-Brite LT-27-2E)	51.04	4.45
26 51 13 00-0676	EA	7' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-07)	63.89	4.45
26 51 13 00-0677	EA	7' Length, 1-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-ML-07)	63.89	4.45
26 51 13 00-0678	EA	7' Length, 2-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-2C-07)	64.92	4.45
26 51 13 00-0679	EA	7' Length, 1st 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3A-07)	64.54	4.45
26 51 13 00-0680	EA	7' Length, 2nd 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3B-07)	64.54	4.45
26 51 13 00-0681	EA	15' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-15)	73.82	4.45
26 51 13 00-0682	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-4D)	35.23	4.45
26 51 13 00-0683	EA	3" Length, 1-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-1E)	33.07	4.45
26 51 13 00-0684	EA	3" Length, 2-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-2E)	33.82	4.45
26 51 13 00-0685	EA	3" Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E)	41.85	4.45
26 51 13 00-0686	EA	15' Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E-15)	54.15	4.45
26 51 13 00-0687	EA	15' Length, 1-Circuit, Modular Lighting Cable (Day-Brite LC-27-1E-15)	55.46	4.45
26 51 13 00-0688	EA	Modular Lighting Junction Or Circuit Splitter (Day-Brite LJ-27-3E)	43.84	4.45
26 51 13 00-0689	EA	3" Length, 1-Circuit, Modular Power Distribution Cable (Day-Brite PD-12-1E)	33.07	4.45
26 51 13 00-0690	EA	Remove And Reinstall Of Modular Wiring Complete Including Storage And Cleaning	37.09	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 51 13 00-0691 Remove, Reinstall And Retrofit Lighting Fixtures *(26 51 13)*

26 51 13 00-0692 Retrofit Existing (T12) Fluorescent Fixtures *(26 51 13 00-0691)*
Note: Excludes removal of ballasts from demolished fixtures for recycling. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0001 for removal of ballasts from demolished fixtures, 02 84 16 00-0003 for ballast recycling, 02 84 16 00-0008 for leaking ballast disposal, 26 01 50 51-0096 for hazardous lamp recycling.

26 51 13 00-0693 Retrofit Existing (T12) Strip Style Fluorescent Fixtures Without Reflector *(26 51 13 00-0692)*
Note: Includes ballast, white reflective ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 51 13 00-0694	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate One 4' (T8) Lamp	74.92	
		For Specular Ballast Cover, Add	*9.21*	
26 51 13 00-0695	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps	82.18	
		For Specular Ballast Cover, Add	*10.67*	
26 51 13 00-0696	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps	102.08	
		For Specular Ballast Cover, Add	*14.65*	
26 51 13 00-0697	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Four 4' (T8) Lamps	112.97	
		For Specular Ballast Cover, Add	*16.82*	

26 51 13 00-0698 Retrofit Existing (T12) Strip Style Fluorescent Fixtures With Reflector *(26 51 13 00-0692)*
Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 51 13 00-0699	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate One 4' (T8) Lamp	77.84	
		For Specular Reflector, Add	*9.80*	
26 51 13 00-0700	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps	85.46	
		For Specular Reflector, Add	*11.32*	
26 51 13 00-0701	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps	106.18	
		For Specular Reflector, Add	*15.47*	
26 51 13 00-0702	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Four 4' (T8) Lamps	118.08	
		For Specular Reflector, Add	*17.85*	

26 51 13 00-0703 Retrofit Existing (T12) Troffer Style Fluorescent Fixtures *(26 51 13 00-0692)*
Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 51 13 00-0704	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate One 4' (T8) Lamps	93.70	
		For Specular Reflector, Add	*11.32*	
26 51 13 00-0705	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps	100.96	
		For Specular Reflector, Add	*12.77*	
26 51 13 00-0706	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Two 2' (T8) Lamps	103.88	
		For Specular Reflector, Add	*13.36*	
26 51 13 00-0707	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Three 2' (T8) Lamps	112.03	
		For Specular Reflector, Add	*14.99*	
26 51 13 00-0708	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Four 2' (T8) Lamps	121.63	
		For Specular Reflector, Add	*16.91*	
26 51 13 00-0709	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps	104.48	
		For Specular Reflector, Add	*13.48*	
26 51 13 00-0710	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Three 4' (T8) Lamps	110.58	
		For Specular Reflector, Add	*14.70*	
26 51 13 00-0711	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Four 4' (T8) Lamps	117.71	
		For Specular Reflector, Add	*16.12*	

26 51 13 00-0712 Removal And Reinstallation Of Light Fixtures *(26 51 13 00-0691)*
Note: Includes disconnection of wire, on-site storage, general cleaning, installation and electrical wire hook-up.

26 51 13 00-0713	EA	Remove And Reinstall Lay-In Fluorescent Light Fixture	87.81
26 51 13 00-0714	EA	Remove And Reinstall Surface Mounted Or Pendant Light Fixture	100.35

26 51 13 00-0715 Retrofit Existing Fluorescent Fixtures *(26 51 13)*

26 51 13 00-0716	EA	Convert 1L F96 fixture to operate (2) F32T8 lamps Note: Includes white enameled 8' reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.	159.84	
		For Specular Reflector, Add		*20.43*
		For Retrofit Kit Without Ballast, Deduct		*-61.34*
26 51 13 00-0717	EA	Convert 2L F96 fixture to operate (4) F32T8 lamps Note: Includes white enameled 8' reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.	163.97	
		For Specular Reflector, Add		*20.43*
		For Retrofit Kit Without Ballast, Deduct		*-61.96*
26 51 13 00-0718	EA	Convert 1L UFB40 fixture to operate (2) F17T8 lamps Note: Includes white enameled reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.	98.43	
		For Specular Reflector, Add		*6.35*
		For Retrofit Kit Without Ballast, Deduct		*-34.76*
26 51 13 00-0719	EA	Convert 2L UFB40 fixture to operate (3) F17T8 lamps Note: Includes white enameled reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.	101.73	
		For Specular Reflector, Add		*6.35*
		For Retrofit Kit Without Ballast, Deduct		*-35.25*

26 51 13 00-0720 Other Fixtures *(26 51 13)*

26 51 13 00-0721 Vandal Proof, Wraparound Fluorescent Fixtures *(26 51 13 00-0720)*
Note: 16 gauge welded steel body with powder coated finish, polycarbonate lens, and tamper resistant screws.

26 51 13 00-0722 6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures *(26 51 13 00-0721)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0723	EA	1 T8 Lamp, 6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	126.93	23.59
26 51 13 00-0724	EA	2 T8 Lamps, 6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	150.95	23.59
26 51 13 00-0725		6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures *(26 51 13 00-0721)*		
26 51 13 00-0726	EA	1 T8 Lamp, 6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	133.98	24.57
26 51 13 00-0727	EA	2 T8 Lamps, 6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	157.46	24.57
26 51 13 00-0728		8-1/4" x 2', Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 13 00-0721)*		
26 51 13 00-0729	EA	8-1/4" x 2', 2 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF)	185.78	37.93
26 51 13 00-0730	EA	8-1/4" x 2', 3 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF)	193.98	37.93
26 51 13 00-0731		8-1/4" x 4', Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 13 00-0721)*		
26 51 13 00-0732	EA	8-1/4" x 4', 1 T8 Lamp, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF)	210.37	37.93
26 51 13 00-0733	EA	8-1/4" x 4', 2 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF)	217.39	37.93
26 51 13 00-0734	EA	8-1/4" x 4', 3 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF)	226.75	37.93
26 51 13 00-0735		1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures *(26 51 13 00-0721)*		
26 51 13 00-0736	EA	2 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	155.40	26.08
26 51 13 00-0737	EA	3 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	183.83	26.08
26 51 13 00-0738	EA	4 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	198.44	26.08
26 51 13 00-0739		1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures *(26 51 13 00-0721)*		
26 51 13 00-0740	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	161.67	27.59
26 51 13 00-0741	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	189.76	27.59
26 51 13 00-0742	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	202.85	27.59

26 52 Emergency Lighting *(26 50)*

26 52 00 00-0001 Commercial Emergency Lights *(26 52)*

26 52 00 00-0002 Polycarbonate Housing, Commercial Emergency Lights *(26 52 00 00-0001)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 00 00-0003	EA	3 Max Wattage At 90 Minutes, 3.6 Volt, Polycarbonate Housing, LED Lamps, Commercial Emergency Light (Lithonia ELM2 LED)	130.47	20.61
26 52 00 00-0004	EA	10.8 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM2)	92.96	20.61
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 00 00-0005	EA	18 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM618)	142.05	20.61
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 00 00-0006	EA	27 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM627)	164.27	20.61
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 00 00-0007	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM654)	240.65	20.61
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 00 00-0008	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1254)	271.65	20.61
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 00 00-0009	EA	72 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1272)	392.43	20.61
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	

26 52 00 00-0010 Remote Heads For Commercial Emergency Lights *(26 52 00 00-0001)*

Note: For use with fixtures that have remote capability.

26 52 00 00-0011	EA	6 Watt, 6 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H0606)	87.62	12.37
26 52 00 00-0012	EA	6 Watt, 6 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0606)	88.18	12.37
26 52 00 00-0013	EA	8 Watt, 8 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0806)	90.06	12.37
26 52 00 00-0014	EA	12 Watt, 12 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H1212)	89.75	12.37
26 52 00 00-0015	EA	12 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H1212)	78.24	12.37
26 52 00 00-0016	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	55.38	12.37

26 52 00 00-0017 Industrial Emergency Lights *(26 52)*

26 52 00 00-0018 Painted Steel Housing, Industrial Emergency Lights *(26 52 00 00-0017)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 00 00-0019			**Painted Steel Housing, Industrial Emergency Lights** *(26 52 00 00-0018)* Note: Includes lead-calcium batteries and two adjustable lamp heads.		
26 52 00 00-0020		EA	16 Max Wattage At 90 Minutes, 6 Volt, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT16)	223.78	20.61
			For Wireguard, Add	*109.84*	
26 52 00 00-0021		EA	24 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT24)	189.09	20.61
			For Wireguard, Add	*109.84*	
26 52 00 00-0022		EA	36 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT36)	290.46	20.61
			For Wireguard, Add	*109.84*	
26 52 00 00-0023		EA	50 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT50)	307.96	20.61
			For Wireguard, Add	*109.84*	
26 52 00 00-0024		EA	125 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT125)	436.25	20.61
			For Wireguard, Add	*116.99*	
26 52 00 00-0025		EA	275 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT275)	681.69	20.61
			For Wireguard, Add	*116.99*	
26 52 00 00-0026			**Remote Heads For Painted Steel Housing, Industrial Emergency Lights** *(26 52 00 00-0018)* Note: For use with fixtures that have remote capability.		
26 52 00 00-0027		EA	8 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N0806)	68.55	12.37
			For Wireguard, Add	*88.64*	
26 52 00 00-0028		EA	12 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	70.73	12.37
			For Wireguard, Add	*88.64*	
26 52 00 00-0029		EA	8 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H0812)	68.86	12.37
			For Wireguard, Add	*88.64*	
26 52 00 00-0030		EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1212)	69.21	12.37
			For Wireguard, Add	*88.64*	
26 52 00 00-0031		EA	12 Watt, 25 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N2512)	70.73	12.37
			For Wireguard, Add	*88.64*	
26 52 00 00-0032		EA	12 Watt, 25 Volt, Aluminum Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA MT N2512)	81.79	12.37
			For Wireguard, Add	*88.64*	
26 52 00 00-0033			**Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights** *(26 52 00 00-0017)*		
26 52 00 00-0034			**Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights** *(26 52 00 00-0033)* Note: Includes lead-calcium batteries and two adjustable lamp heads.		
26 52 00 00-0035		EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND618)	220.99	20.61
			For Wireguard, Add	*106.80*	
			For Self-Diagnostics, Add	*105.50*	
26 52 00 00-0036		EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1236)	239.50	20.61
			For Wireguard, Add	*106.80*	
			For Self-Diagnostics, Add	*105.50*	
26 52 00 00-0037		EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND654)	234.43	20.61
			For Wireguard, Add	*106.80*	
			For Self-Diagnostics, Add	*105.50*	
26 52 00 00-0038		EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1254)	247.36	20.61
			For Wireguard, Add	*106.80*	
			For Self-Diagnostics, Add	*105.50*	
26 52 00 00-0039		EA	100 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND12100)	411.15	20.61
			For Wireguard, Add	*106.80*	
			For Self-Diagnostics, Add	*105.50*	
26 52 00 00-0040		EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX618)	324.69	20.61
			For Wireguard, Add	*106.80*	
			For Self-Diagnostics, Add	*61.50*	
26 52 00 00-0041		EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1236)	362.72	20.61
			For Wireguard, Add	*106.80*	
			For Self-Diagnostics, Add	*61.50*	
26 52 00 00-0042		EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1254)	381.99	20.61
			For Wireguard, Add	*106.80*	
			For Self-Diagnostics, Add	*61.50*	
26 52 00 00-0043			**Remote Heads For Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights** *(26 52 00 00-0033)* Note: For use with fixtures that have remote capability.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 00 00-0044	EA	9 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0906)	60.19	12.37
26 52 00 00-0045	EA	12 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1206)	64.60	12.37
26 52 00 00-0046	EA	9 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0912)	60.24	12.37
26 52 00 00-0047	EA	12 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1212)	63.48	12.37
26 52 00 00-0048	EA	12 Watt, 20 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H2012)	55.15	12.37

26 52 00 00-0049 Outdoor Emergency Lights *(26 52)*

26 52 00 00-0050 Gasketed Die-Cast Aluminum Housing, Outdoor Emergency Lights *(26 52 00 00-0049)*

Note: Includes nickel-cadmium batteries.

26 52 00 00-0051	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light (Dual-Lite PG Series)	343.20	20.61
26 52 00 00-0052	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light With Heater (Dual-Lite PG Series)	407.86	20.61

26 52 00 00-0053 Recessed Emergency Lights *(26 52)*

26 52 00 00-0054	EA	10 Watts At 90 Minutes, 6 Volt, Halogen Lamp, 8" Round, Recessed High-Hat Emergency Light (Lithonia ELRG)	372.65	20.61
		For Wire Guard, Add	*60.00*	
26 52 00 00-0055	EA	16 Watts At 90 Minutes, 6 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR2)	305.69	41.22
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
		For Wireguard, Add	*116.99*	
26 52 00 00-0056	EA	50 Watts At 90 Minutes, 12 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR4)	431.00	41.22
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
		For Wireguard, Add	*116.99*	

26 52 00 00-0057 Square Wraparound Emergency Lights *(26 52)*

26 52 00 00-0058	EA	10 Watts At 90 Minutes, 6 Volt, Halogen Lamp, 10-5/16" x 10-5/16" Lexan Frame, Square Wraparound Emergency Light (Lithonia ELSQ)	175.01	20.61

26 53 Exit Signs *(26 50)*

Note: Excludes pendants.

26 53 00 00-0001 LED Exit Signs *(26 53)*

Note: Includes red LED lamps.

26 53 00 00-0002	EA	Single Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM)	110.59	30.14
		For Green LED Lamps, Add	*15.00*	
26 53 00 00-0003	EA	Double Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM)	110.59	30.14
		For Green LED Lamps, Add	*15.00*	
26 53 00 00-0004	EA	Single Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN)	165.54	30.14
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
26 53 00 00-0005	EA	Double Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN)	165.54	30.14
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
26 53 00 00-0006	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC)	187.12	30.14
		For Green LED Lamps, Add	*15.00*	
26 53 00 00-0007	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC)	206.16	30.14
		For Green LED Lamps, Add	*15.00*	
26 53 00 00-0008	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC ELN)	199.82	30.14
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
26 53 00 00-0009	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC ELN)	218.84	30.14
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
26 53 00 00-0010	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM)	197.54	30.14
		Note: Includes two circular side mounted krypton emergency lights.		
		For Green LED Lamps, Add	*15.00*	
26 53 00 00-0011	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM LED)	281.55	30.14
		Note: Includes two circular side mounted LED emergency lights.		
		For Green LED Lamps, Add	*15.00*	
26 53 00 00-0012	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM-PH)	241.31	30.14
		Note: Includes two rectangular front mounted high intensity tungsten emergency lights.		
		For Green LED Lamps, Add	*15.00*	
26 53 00 00-0013	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM)	251.65	30.14
		Note: Includes two circular side mounted PAR 36 emergency lights.		
		For Green LED Lamps, Add	*15.00*	

26 53 00 00-0014 Edge-Lit LED Exit Signs *(26 53)*

Note: Includes red LED lamps.

26 53 00 00-0015	EA	Single Face, Edge-Lit LED Exit Sign	222.46	30.14
		For Green LED Lamps, Add	*40.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 53 00 00-0016	EA	Double Face, Edge-Lit LED Exit Sign	237.71	30.14
		For Green LED Lamps, Add	*40.00*	
26 53 00 00-0017	EA	Single Face, Edge-Lit LED Exit Sign With Battery Back-Up	269.56	30.14
		For Green LED Lamps, Add	*40.00*	
		For Self-Diagnostics, Add	*50.00*	
26 53 00 00-0018	EA	Double Face, Edge-Lit LED Exit Sign With Battery Back-Up	280.80	30.14
		For Green LED Lamps, Add	*40.00*	
		For Self-Diagnostics, Add	*50.00*	

26 53 00 00-0019 Self-Luminous Tritium Exit Signs *(26 53)*

Note: Includes red or green tritium filled pyrex glass light tubes with phosphor coating.

26 53 00 00-0020	EA	10 Year, Single Face, ABS Housing, Self-Luminous Tritium Exit Sign	297.60	30.14
26 53 00 00-0021	EA	10 Year, Double Face, ABS Housing, Self-Luminous Tritium Exit Sign	534.67	30.14
26 53 00 00-0022	EA	20 Year, Single Face, ABS Housing, Self-Luminous Tritium Exit Sign	351.60	30.14
26 53 00 00-0023	EA	20 Year, Double Face, ABS Housing, Self-Luminous Tritium Exit Sign	578.02	30.14
26 53 00 00-0024	EA	10 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign	324.47	30.14
26 53 00 00-0025	EA	10 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign	578.02	30.14
26 53 00 00-0026	EA	20 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign	394.71	30.14
26 53 00 00-0027	EA	20 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign	713.93	30.14

26 53 00 00-0028 Vandal-Resistant LED Exit Signs *(26 53)*

Note: Includes red LED lamps.

26 53 00 00-0029	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign	281.62	30.14
26 53 00 00-0030	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup	428.43	30.14
26 53 00 00-0031	EA	Single Face, Aluminum Housing, NEMA 4X, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup	518.44	30.14

26 53 00 00-0032 Remove And Reinstall Exit Light Fixture *(26 53)*

26 53 00 00-0033	EA	Removal And Reinstall Of Exit Light Fixtures Note: Includes storage and cleaning.	61.84	

26 53 00 00-0034 Exit Sign Accessories *(26 53)*

26 53 00 00-0035	EA	Polycarbonate Vandal Shield For Exit Signs	67.21	8.26
26 53 00 00-0036	EA	Wire Guard For Exit Signs	72.84	8.26
26 53 00 00-0037	EA	Replacement Battery For Exit Signs	68.25	10.32

26 55 Special Purpose Lighting *(26 50)*

26 55 61 Theatrical Lighting *(26 55)*

26 55 61 00-0001 Stage Lighting *(26 55 61)*

26 55 61 00-0002	EA	Ellipsoidal Spotlight, Two 6" x 9" Lenses Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.	408.55	100.25
26 55 61 00-0003	EA	Ellipsoidal Spotlight, Two 6" x 12" Lenses Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.	408.55	100.25
26 55 61 00-0004	EA	Ellipsoidal Spotlight, Two 6" x 16" Lenses Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.	408.55	100.25
26 55 61 00-0005	EA	14" Scoop Floodlight Altman #SC14	363.32	100.25
26 55 61 00-0006	EA	6" Diameter Fresnel Spotlight, Spherical Specular Alzak Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, c-clamp, safety cable, color frame, male pin connector and lamp.	285.98	100.25
26 55 61 00-0007	EA	8" Diameter Fresnel Spotlight, Spherical Specular Alzak Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, C-clamp, safety cable, color frame, male pin connector and lamp.	449.26	100.25
26 55 61 00-0008	EA	Follow Spotlight With Steel Chassis And Lightweight Note: Aluminum housing, includes lamp adjustment plate, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.	1,308.60	100.25
26 55 61 00-0009	EA	Follow Spotlight With Steel Chassis And Lightweight Note: Aluminum housing, includes lamp adjustment plate, ballast, electronic power supply, stepdown transformer, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.	1,643.29	100.25
26 55 61 00-0010	EA	PAR 64 Can Lighting With 20 Gauge Sheet Steel Note: Formed lamp housing, hinged and latched rear housing secured by retention ring, safety cable, safety screen, PAR 64 lamp, male pin connector.	247.54	100.25
26 55 61 00-0011	EA	6' Long Borderlight Sections Note: With continuous sheet steel housing, supported by 1-1/2" x 3/16" steel yoke with C-clamp, includes 30 lights per section wired on 3 circuits, alzak aluminum reflector with matte finish.	716.11	100.25
26 55 61 00-0012	EA	Strobe Light, Quartz, 1 To 15 Flashes Per Second	784.19	
26 55 61 00-0013	EA	Color Wheel, Five Hole, Motorized	340.71	

26 56 Exterior Lighting *(26 50)*

26 56 13 Lighting Poles And Standards *(26 56)*

26 56 13 00-0001 Poles And Standards *(26 56 13)*

See CSI section 26 05 46 00-0000 for additional poles, 26 05 46 00-0001 for additional pole, 26 56 19 00-0000 for street light fixtures.

26 56 13 00-0002 Aluminum Tapered Roadway Poles *(26 56 13 00-0001)*

Note: Seamless, anchor base type, with handhole.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0003		Single Member Arms, Tapered Tube, 4 Bolt Attachment *(26 56 13 00-0002)*		
26 56 13 00-0004		One Arm Per Pole *(26 56 13 00-0003)*		
26 56 13 00-0005	EA	20' High Round Tapered Aluminum Roadway Pole, 1 - 6' Arm	1,534.27	218.48
26 56 13 00-0006	EA	25' High Round Tapered Aluminum Roadway Pole, 1 - 6' Arm	1,923.99	268.87
26 56 13 00-0007	EA	30' High Round Tapered Aluminum Roadway Pole, 1 - 6' Arm	2,929.86	319.25
26 56 13 00-0008	EA	35' High Round Tapered Aluminum Roadway Pole, 1 - 6' Arm	3,253.83	355.51
26 56 13 00-0009	EA	40' High Round Tapered Aluminum Roadway Pole, 1 - 6' Arm	3,793.10	391.77
26 56 13 00-0010		Two Arms Per Pole *(26 56 13 00-0003)*		
26 56 13 00-0011	EA	20' High Round Tapered Aluminum Roadway Pole, 2 - 6' Arm	2,136.01	318.31
26 56 13 00-0012	EA	25' High Round Tapered Aluminum Roadway Pole, 2 - 6' Arm	2,719.21	318.31
26 56 13 00-0013	EA	30' High Round Tapered Aluminum Roadway Pole, 2 - 6' Arm	3,194.22	414.37
26 56 13 00-0014	EA	35' High Round Tapered Aluminum Roadway Pole, 2 - 6' Arm	3,516.84	414.37
26 56 13 00-0015	EA	40' High Round Tapered Aluminum Roadway Pole, 2 - 6' Arm	4,058.92	490.65
26 56 13 00-0016		Truss Arms, Tapered Upper Member, Pipe Lower Member *(26 56 13 00-0002)* Note: 6 Bolt attachment.		
26 56 13 00-0017		One Arm Per Pole *(26 56 13 00-0016)*		
26 56 13 00-0018	EA	25' High Aluminum Roadway Pole, 1 - 12' Truss Arm	2,663.16	269.34
26 56 13 00-0019	EA	30' High Aluminum Roadway Pole, 1 - 12' Truss Arm	3,083.06	269.34
26 56 13 00-0020	EA	35' High Aluminum Roadway Pole, 1 - 12' Truss Arm	3,407.03	367.28
26 56 13 00-0021	EA	40' High Aluminum Roadway Pole, 1 - 12' Truss Arm	4,015.93	367.28
26 56 13 00-0022		Two Arms Per Pole *(26 56 13 00-0016)*		
26 56 13 00-0023	EA	25' High Aluminum Roadway Pole, 2 - 12' Truss Arm	3,013.79	367.28
26 56 13 00-0024	EA	30' High Aluminum Roadway Pole, 2 - 12' Truss Arm	3,430.99	367.28
26 56 13 00-0025	EA	35' High Aluminum Roadway Pole, 2 - 12' Truss Arm	3,725.75	464.29
26 56 13 00-0026	EA	40' High Aluminum Roadway Pole, 2 - 12' Truss Arm	4,365.32	464.29
26 56 13 00-0027		Removal And Reinstallation Of Lighting Pole *(26 56 13 00-0002)*		
26 56 13 00-0028	EA	Remove And Relocate Lighting Pole And Standards With One Or Two Arms, Up To 45'	1,554.05	
26 56 13 00-0029		Galvanized Steel Tapered Roadway Poles *(26 56 13 00-0001)* Note: Anchor base type, with handhole.		
26 56 13 00-0030		Tapered Tube Single Member Arms, 4 Bolt Attachment *(26 56 13 00-0029)*		
26 56 13 00-0031		One Arm Per Pole *(26 56 13 00-0030)*		
26 56 13 00-0032	EA	20' Round Tapered Steel Roadway Pole, 1 - 6' Arm	1,549.05	245.79
26 56 13 00-0033	EA	25' Round Tapered Steel Roadway Pole, 1 - 6' Arm	1,773.99	576.35
26 56 13 00-0034	EA	30' Round Tapered Steel Roadway Pole, 1 - 6' Arm	2,051.42	287.23
26 56 13 00-0035	EA	35' Round Tapered Steel Roadway Pole, 1 - 6' Arm	2,344.78	390.83
26 56 13 00-0036	EA	40' Round Tapered Steel Roadway Pole, 1 - 6' Arm	2,581.07	447.33
26 56 13 00-0037		Two Arms Per Pole *(26 56 13 00-0030)*		
26 56 13 00-0038	EA	20' Round Tapered Steel Roadway Pole, 2 - 6' Arm	1,816.63	343.74
26 56 13 00-0039	EA	25' Round Tapered Steel Roadway Pole, 2 - 6' Arm	2,038.35	391.77
26 56 13 00-0040	EA	30' Round Tapered Steel Roadway Pole, 2 - 6' Arm	2,316.42	440.73
26 56 13 00-0041	EA	35' Round Tapered Steel Roadway Pole, 2 - 6' Arm	2,610.61	490.65
26 56 13 00-0042	EA	40' Round Tapered Steel Roadway Pole, 2 - 6' Arm	2,847.67	539.63
26 56 13 00-0043		Truss Arms Tapered Upper Member, Pipe Lower Member *(26 56 13 00-0029)* Note: 6 Bolt attachment.		
26 56 13 00-0044		One Arm Per Pole *(26 56 13 00-0043)*		
26 56 13 00-0045	EA	25' Steel Roadway Pole, 1 - 12' Truss Arm	1,801.85	294.77
26 56 13 00-0046	EA	30' Steel Roadway Pole, 1 - 12' Truss Arm	2,025.55	343.74
26 56 13 00-0047	EA	35' Steel Roadway Pole, 1 - 12' Truss Arm	2,497.99	391.77
26 56 13 00-0048	EA	40' Steel Roadway Pole, 1 - 12' Truss Arm	2,734.28	440.73
26 56 13 00-0049	EA	45' Steel Roadway Pole, 1 - 12' Truss Arm	3,042.40	490.65
26 56 13 00-0050		Two Arms Per Pole *(26 56 13 00-0043)*		
26 56 13 00-0051	EA	25' Steel Roadway Pole, 2 - 12' Truss Arm	2,149.78	391.77
26 56 13 00-0052	EA	30' Steel Roadway Pole, 2 - 12' Truss Arm	2,372.14	440.73
26 56 13 00-0053	EA	35' Steel Roadway Pole, 2 - 12' Truss Arm	2,847.44	490.65
26 56 13 00-0054	EA	40' Steel Roadway Pole, 2 - 12' Truss Arm	3,084.45	544.33
26 56 13 00-0055	EA	45' Steel Roadway Pole, 2 - 12' Truss Arm	3,390.34	588.59
26 56 13 00-0056		Area Lighting Poles *(26 56 13 00-0001)*		
26 56 13 00-0057		Anchor Base Type Aluminum Area Lighting Poles *(26 56 13 00-0056)*		
26 56 13 00-0058		Non-Tapered Aluminum Area Lighting Poles *(26 56 13 00-0057)*		
26 56 13 00-0059	EA	10' High, 3" Diameter Aluminum Light Pole, Non-Tapered	624.85	97.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0060	EA	12' High, 3" Diameter Aluminum Light Pole, Non-Tapered	836.55	147.86
26 56 13 00-0061	EA	14' High, 3" Diameter Aluminum Light Pole, Non-Tapered	1,060.90	195.89
26 56 13 00-0062		**Tapered Aluminum Area Lighting Poles** *(26 56 13 00-0057)*		
26 56 13 00-0063	EA	10' High, 3" Diameter Aluminum Area Light Pole, Tapered	653.54	97.94
26 56 13 00-0064	EA	12' High, 3" Diameter Aluminum Area Light Pole, Tapered	936.34	146.91
26 56 13 00-0065	EA	14' High, 3" Diameter Aluminum Area Light Pole, Tapered	1,102.06	195.89
26 56 13 00-0066	EA	16' High, 3" Diameter Aluminum Area Light Pole, Tapered	1,153.18	408.72
26 56 13 00-0067	EA	18' High, 3" Diameter Aluminum Area Light Pole, Tapered	1,523.46	245.79
26 56 13 00-0068	EA	20' High, 3" Diameter Aluminum Area Light Pole, Tapered	1,760.47	268.40
26 56 13 00-0069		**Steel Area Lighting Poles** *(26 56 13 00-0056)*		
26 56 13 00-0070		**Steel Area Lighting Poles, Powder Coat Finish** *(26 56 13 00-0069)*		
		Note: Accepts single luminary or bracket. Anchor base type.		
26 56 13 00-0071	EA	10' High Steel Area Light Pole, Powder Coat Finish	749.86	147.86
		Note: Round or square.		
26 56 13 00-0072	EA	15' High Steel Area Light Pole, Powder Coat Finish	1,025.85	245.79
		Note: Round or square.		
26 56 13 00-0073	EA	20' High Steel Area Light Pole, Powder Coat Finish	1,200.65	282.52
		Note: Round or square.		
26 56 13 00-0074	EA	25' High Steel Area Light Pole, Powder Coat Finish	1,388.34	376.70
		Note: Round or square.		
26 56 13 00-0075	EA	30' High Steel Area Light Pole, Powder Coat Finish	1,810.97	423.79
		Note: Round or square.		
26 56 13 00-0076	EA	35' High Steel Area Light Pole, Powder Coat Finish	2,173.58	447.33
		Note: Round or square.		
26 56 13 00-0077		**Tapered Steel Area Lighting Poles, Powder Coat Finish** *(26 56 13 00-0069)*		
		Note: Accepts single luminary or bracket. Anchor base type.		
26 56 13 00-0078	EA	20' High Round Tapered Steel Area Light Pole	1,472.34	268.06
		Note: Powder coat finish.		
26 56 13 00-0079	EA	25' High Round Tapered Steel Area Light Pole	1,833.33	357.40
		Note: Powder coat finish.		
26 56 13 00-0080	EA	30' High Round Tapered Steel Area Light Pole	2,154.93	402.07
		Note: Powder coat finish.		
26 56 13 00-0081	EA	35' High Round Tapered Steel Area Light Pole	2,320.44	424.41
		Note: Powder coat finish.		
26 56 13 00-0082	EA	39' High Round Tapered Steel Area Light Pole	2,551.31	446.76
		Note: Powder coat finish.		
26 56 13 00-0083		**Hinged Square Steel Area Lighting Poles, Powder Coat Finish** *(26 56 13 00-0069)*		
26 56 13 00-0084	EA	20' High Hinged Square Steel Area Light Pole	1,380.47	310.78
		Note: Powder coat finish.		
26 56 13 00-0085	EA	30' High Hinged Square Steel Area Light Pole	1,925.59	466.17
		Note: Powder coat finish.		
26 56 13 00-0086		**Concrete Area Lighting Poles** *(26 56 13 00-0056)*		
26 56 13 00-0087		**Concrete Octagonal Tapered Poles, Precast Butt Base Type** *(26 56 13 00-0086)*		
26 56 13 00-0088	EA	28' High Concrete Octagonal Area Light Pole, Tapered	1,467.95	355.99
26 56 13 00-0089	EA	30' High Concrete Octagonal Area Light Pole, Tapered	1,530.79	368.23
26 56 13 00-0090	EA	33' High Concrete Octagonal Area Light Pole, Tapered	1,590.87	386.12
26 56 13 00-0091	EA	36' High Concrete Octagonal Area Light Pole, Tapered	1,990.81	386.12
26 56 13 00-0092	EA	38' High Concrete Octagonal Area Light Pole, Tapered	2,217.38	414.37
26 56 13 00-0093	EA	43' High Concrete Octagonal Area Light Pole, Tapered	2,592.25	489.71
26 56 13 00-0094	EA	47' High Concrete Octagonal Area Light Pole, Tapered	2,985.76	489.71
26 56 13 00-0095	EA	27' High Concrete Octagonal Area Light Pole, Polished Brown With Acrylic Coating Finish	3,204.72	434.71
26 56 13 00-0096	EA	30' High Concrete Octagonal Area Light Pole, Polished Brown With Acrylic Coating Finish	3,683.70	450.25
26 56 13 00-0097	EA	Pole Adapter Base Plate, Galvanized Steel, 1" Thick For Adapting Up To 40'	405.68	141.26
26 56 13 00-0098	EA	13' High Concrete Octagonal Area Light Pole, Pink With Acrylic Coating, Finish Design	1,973.33	282.43
26 56 13 00-0099	EA	Pole Base Cover For All Octagon Poles	158.01	57.63
26 56 13 00-0100	EA	Pole Arms 24" Long, Square, 250 Watt Fixture, Dark, Architectural Bronze	322.81	115.27
26 56 13 00-0101		**Concrete Spun Tapered Pole, Cast Burial Type** *(26 56 13 00-0086)*		
26 56 13 00-0102	EA	13' High Burial Type Concrete Area Light Pole, Tapered Height Given Aboveground	1,816.28	282.52
26 56 13 00-0103	EA	16' High Burial Type Concrete Area Light Pole, Tapered Height Given Aboveground	1,962.37	293.82
26 56 13 00-0104	EA	18' High Burial Type Concrete Area Light Pole, Tapered Height Given Aboveground	2,113.75	316.43
26 56 13 00-0105	EA	30' High Burial Type Concrete Area Light Pole, Tapered Height Given Aboveground	2,736.80	367.28
26 56 13 00-0106	EA	35' High Burial Type Concrete Area Light Pole, Tapered Height Given Aboveground	3,167.91	391.77
26 56 13 00-0107	EA	40' High Burial Type Concrete Area Light Pole, Tapered Height Given Aboveground	3,680.86	439.80
26 56 13 00-0108	EA	45' High Burial Type Concrete Area Light Pole, Tapered Height Given Aboveground	4,105.69	490.65
26 56 13 00-0109		**Cast Iron Light Pole, Base And Lamp** *(26 56 13 00-0056)*		
		Note: As manufactured by Hadco and King Luminaries or an approved equal.		
26 56 13 00-0110	EA	10' Cast Iron Light Pole	806.96	117.72
26 56 13 00-0111	EA	12' Cast Iron Light Pole	857.93	135.61
26 56 13 00-0112	EA	14' Cast Iron Light Pole	926.83	141.26
26 56 13 00-0113	EA	16' Cast Iron Light Pole	1,133.48	164.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0114	EA	18' Cast Iron Light Pole	1,315.69	178.93
26 56 13 00-0115	EA	20' Cast Iron Light Pole	1,506.30	193.06
26 56 13 00-0116		Treated Wood Area Lighting Poles *(26 56 13 00-0056)*		
		See CSI section 26 05 46 00-0001 for wood poles.		
26 56 13 00-0117		Fiberglass Area Lighting Poles *(26 56 13 00-0056)*		
26 56 13 00-0118		Fiberglass Poles, Decorative, Gothic *(26 56 13 00-0117)*		
26 56 13 00-0119	EA	10' Decorative Fiberglass Pole	746.54	117.72
26 56 13 00-0120	EA	12' Decorative Fiberglass Pole	782.33	135.61
26 56 13 00-0121	EA	14' Decorative Fiberglass Pole	821.19	141.26
26 56 13 00-0122	EA	16' Decorative Fiberglass Pole	928.72	164.80
26 56 13 00-0123	EA	18' Decorative Fiberglass Pole	1,015.30	178.93
26 56 13 00-0124	EA	20' Decorative Fiberglass Pole	1,095.63	188.35
26 56 13 00-0125	EA	25' Decorative Fiberglass Pole	1,245.95	197.77
26 56 13 00-0126	EA	30' Decorative Fiberglass Pole	1,619.89	211.90
26 56 13 00-0127	EA	35' Decorative Fiberglass Pole	1,896.01	235.44
26 56 13 00-0128	EA	40' Decorative Fiberglass Pole	2,212.87	282.52
26 56 13 00-0129		Arms For Area Lighting Poles *(26 56 13 00-0056)*		
26 56 13 00-0130		Aluminum Arm Bracket Type *(26 56 13 00-0129)*		
26 56 13 00-0131	EA	Aluminum Two Arm Pole Bracket	226.08	47.08
26 56 13 00-0132	EA	Aluminum Three Arm Pole Bracket	269.99	47.08
26 56 13 00-0133	EA	Aluminum Four Arm Pole Bracket	348.93	47.08
26 56 13 00-0134		Galvanized Steel Arm Bracket Type *(26 56 13 00-0129)*		
26 56 13 00-0135	EA	Steel Two Arm Pole Bracket, Powder Coat Finish	176.74	47.08
26 56 13 00-0136	EA	Steel Three Arm Pole Bracket, Powder Coat Finish	240.48	47.08
26 56 13 00-0137	EA	Steel Four Arm Pole Bracket, Powder Coat Finish	280.33	47.08
26 56 13 00-0138		Landscape Lighting Post Round Steel Tube *(26 56 13 00-0001)*		
26 56 13 00-0139		Surface Type, Round, 8-1/2" Base, Anchor Bolts With Base Cover *(26 56 13 00-0138)*		
26 56 13 00-0140	EA	3' High, 1-7/8" Diameter Surface Round Steel Light Post, 8-1/2" Base, Landscape, Anchor Bolts And Base Cover	1,543.40	68.43
26 56 13 00-0141	EA	6' High, 1-7/8" Diameter Surface Round Steel Light Post, 8-1/2" Base, Landscape, Anchor Bolts And Base Cover	1,928.51	85.74
26 56 13 00-0142	EA	8' High, 1-7/8" Diameter Surface Round Steel Light Post, 8-1/2" Base, Landscape, Anchor Bolts And Base Cover	2,337.87	114.60
26 56 13 00-0143	EA	8' To 9' High, 2-3/8" Diameter Surface Round Steel Light Post, 8-1/2" Base, Landscape, Anchor Bolts And Base Cover	2,688.66	114.60
26 56 13 00-0144	EA	8' To 9' High, 2-7/8" Diameter Surface Round Steel Light Post, 8-1/2" Base, Landscape, Anchor Bolts And Base Cover	3,040.40	114.60
26 56 13 00-0145	EA	8' High, 3-1/2" Diameter Surface Round Steel Light Post, 8-1/2" Base, Landscape, Anchor Bolts And Base Cover	3,392.62	114.60
26 56 13 00-0146	EA	9' High, 3-1/2" Diameter 8-1/2" Surface Round Steel Light Post, Base, Landscape, Anchor Bolts And Base Cover	3,743.27	114.60
26 56 13 00-0147		Burial Type, Round, Height, Given Above Ground 18" Burial *(26 56 13 00-0138)*		
26 56 13 00-0148	EA	3' High, 1-7/8" Diameter Burial Type Round Steel Light Post, Height Given Aboveground, 18" Burial	733.96	85.74
26 56 13 00-0149	EA	6' High, 1-7/8" Diameter Burial Type Round Steel Light Post, Height Given Aboveground, 18" Burial	1,023.64	114.60
26 56 13 00-0150	EA	8' High, 1-7/8" Diameter Burial Type Round Steel Light Post, Height Given Aboveground, 18" Burial	1,351.74	124.49
26 56 13 00-0151	EA	8'/9' High, 2-3/8" Diameter Burial Type Round Steel Light Post, Height Given Aboveground, 18" Burial	1,792.50	124.49
26 56 13 00-0152	EA	8'/9' High, 2-7/8" Diameter Burial Type Round Steel Light Post, Height Given Aboveground, 18" Burial	2,409.58	124.49
26 56 13 00-0153	EA	8' High, 3-1/2" Diameter Burial Type Round Steel Light Post, Height Given Aboveground, 18" Burial	3,273.49	124.49
26 56 13 00-0154	EA	9' High, 3-1/2" Diameter Burial Type Round Steel Light Post, Height Given Aboveground, 18" Burial	4,482.96	124.49
26 56 13 00-0155		High Mast Lighting *(26 56 13 00-0001)*		
26 56 13 00-0156		High Mast Lighting Assemblies *(26 56 13 00-0155)*		
		Note: Includes non-latching system, ring assembly with internal bumper, acrylic top cover, pulley supports, cast arm filter for pipe tension, transition assembly, standard head frame assembly, standard hoist, and powder coated pole. See CSI section 26 56 19 00-0021 for high mast fixtures.		
26 56 13 00-0157	EA	60'-100' High Mast Lighting Assembly	22,755.21	2,390.13
26 56 13 00-0158	EA	110' High Mast Lighting Assembly	24,424.86	2,624.67
26 56 13 00-0159	EA	120' High Mast Lighting Assembly	25,694.96	2,870.38
26 56 13 00-0160	EA	130' High Mast Lighting Assembly	26,869.08	3,104.94
26 56 13 00-0161	EA	140' High Mast Lighting Assembly	28,139.19	3,350.65
26 56 13 00-0162	EA	150' High Mast Lighting Assembly	29,626.97	3,590.83
26 56 13 00-0163		High Mast Light Poles *(26 56 13 00-0155)*		
26 56 13 00-0164	EA	60'-100' High Mast Light Poles	13,460.51	1,912.10
26 56 13 00-0165	EA	110' High Mast Light Poles	14,739.38	2,099.74
26 56 13 00-0166	EA	120' High Mast Light Poles	15,730.39	2,296.31
26 56 13 00-0167	EA	130' High Mast Light Poles	16,625.45	2,483.94
26 56 13 00-0168	EA	140' High Mast Light Poles	17,616.48	2,680.51
26 56 13 00-0169	EA	150' High Mast Light Poles	18,703.46	2,872.63
26 56 13 00-0170		High Mast Lighting Accessories *(26 56 13 00-0155)*		
		See CSI section 26 56 19 00-0021 for light fixtures, 26 56 26 00-0017 for lighting fixtures.		
26 56 13 00-0171	EA	Bottom Latching System	325.17	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0172	EA	Top Latching System	859.82	
26 56 13 00-0173	EA	Centering Springs	650.29	
26 56 13 00-0174	EA	Electric Power Cord	289.03	
26 56 13 00-0175	EA	Aircraft Warning Lights	680.02	
26 56 13 00-0176	EA	Internal Motorized Hoist	5,006.58	
26 56 13 00-0177	EA	Portable Hoist Motor With Step Down Transformer	5,078.87	
26 56 13 00-0178		Concrete Bases *(26 56 13 00-0001)*		
		Note: Includes excavation/drilling, concrete, reinforcement, anchors/supports and backfill. Excludes conduit.		
26 56 13 00-0179		Concrete Bases, Cast In Place *(26 56 13 00-0178)*		
26 56 13 00-0180	VLF	2' Diameter Concrete Base For Poles	69.41	
		Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.		
26 56 13 00-0181	VLF	2-1/2' Diameter Concrete Base For Poles	86.82	
		Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.		
26 56 13 00-0182	VLF	3' Diameter Concrete Base For Poles	104.47	
		Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.		
26 56 13 00-0183	VLF	3-1/2' Diameter Concrete Base For Poles	128.20	
		Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.		
26 56 13 00-0184	VLF	4' Diameter Concrete Base For Poles	152.37	
		Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.		
26 56 13 00-0185	VLF	5' Diameter Concrete Base For Poles	207.96	
		Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.		
26 56 13 00-0186	VLF	6' Diameter Concrete Base For Poles	274.29	
		Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.		
26 56 13 00-0187		Area Lighting Fixtures *(26 56 13 00-0001)*		
26 56 13 00-0188		Shoebox Light Pole Fixture *(26 56 13 00-0187)*		
26 56 13 00-0189	EA	400 Watt High Pressure Sodium, Aluminum Shoe Box, Area Fixture	749.76	94.18
26 56 19		**Roadway Lighting** *(26 56)*		
26 56 19 00-0001		Metal Halide, Pole Mounted *(26 56 19)*		
26 56 19 00-0002	EA	175 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	603.86	189.37
26 56 19 00-0003	EA	250 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	686.82	205.56
26 56 19 00-0004	EA	400 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	799.61	221.12
26 56 19 00-0005	EA	1000 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	1,027.82	259.15
26 56 19 00-0006		High Pressure Sodium, Pole Mounted *(26 56 19)*		
26 56 19 00-0007	EA	100 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	503.38	221.12
26 56 19 00-0008	EA	150 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	518.85	221.12
26 56 19 00-0009	EA	175 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	541.16	221.12
26 56 19 00-0010	EA	250 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	595.43	221.12
26 56 19 00-0011	EA	400 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	725.26	221.12
26 56 19 00-0012	EA	1000 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	983.37	221.12
26 56 19 00-0013		Low Pressure Sodium, Pole Mounted *(26 56 19)*		
26 56 19 00-0014	EA	135 Watt Low Pressure Sodium Exterior Roadway Fixture, Enclosed And Gasketed	555.03	120.29
26 56 19 00-0015	EA	135 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	557.71	176.90
26 56 19 00-0016	EA	180 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	660.40	176.90
26 56 19 00-0017		Street Light Accessories *(26 56 19)*		
26 56 19 00-0018		Photo Controls *(26 56 19 00-0017)*		
26 56 19 00-0019	EA	Photo Control, 120 Volt As Manufactured By Cooper Lighting #RA1014	63.63	
26 56 19 00-0020	EA	Photo Control, Multi-Tap As Manufactured By Cooper Lighting #RA1016	71.94	
26 56 19 00-0021		High Mast Fixtures *(26 56 19)*		
26 56 19 00-0022		Metal Halide *(26 56 19 00-0021)*		
26 56 19 00-0023	EA	400 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,033.94	116.13
26 56 19 00-0024	EA	400 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,101.59	116.13
26 56 19 00-0025	EA	750 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,136.49	132.67
26 56 19 00-0026	EA	750 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,177.08	132.67
26 56 19 00-0027	EA	1000 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,201.00	165.84
26 56 19 00-0028	EA	1000 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,241.59	165.84
26 56 19 00-0029		High Pressure Sodium *(26 56 19 00-0021)*		
26 56 19 00-0030	EA	400 W High Mast HPS Fixture (VA 25 Type V) As Manufactured By Metrolux	1,119.92	116.13
26 56 19 00-0031	EA	400 W High Mast HPS Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,160.51	116.13
26 56 19 00-0032	EA	600 W High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	1,339.53	122.77
26 56 19 00-0033	EA	750 W High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	1,373.10	132.67
26 56 19 00-0034	EA	1000 W High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	1,457.90	165.84
26 56 19 00-0035		LED Roadway Lighting *(26 56 19)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0036		LED Roadway Lighting (Philips Lumec) *(26 56 19 00-0035)*		
26 56 19 00-0037		Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec GPL Series) *(26 56 19 00-0036)* Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 570mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0038	EA	49 LEDs, 102 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLS Series)	841.18	112.55
26 56 19 00-0039	EA	98 LEDs, 204 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLM Series)	1,282.35	115.59
26 56 19 00-0040		LED Roadway Lighting (Lithonia) *(26 56 19 00-0035)*		
26 56 19 00-0041		Horizontal Tenon Mount, LED Cobra Head Street Lights (Lithonia CSX1 Series) *(26 56 19 00-0040)* Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 700mA driver, die-cast extruded aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 19 00-0042	EA	30 LEDs, 74 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	1,179.84	106.47
26 56 19 00-0043	EA	60 LEDs, 146 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	1,915.33	109.51
26 56 19 00-0044		LED Roadway Lighting (CREE® BetaLED®) *(26 56 19 00-0035)*		
26 56 19 00-0045		Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® LEDway® STR-LWY) *(26 56 19 00-0044)* Note: UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0046	EA	20 LEDs, 25 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	661.96	103.42
26 56 19 00-0047	EA	30 LEDs, 35 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	746.83	106.47
26 56 19 00-0048	EA	40 LEDs, 45 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	846.99	109.51
26 56 19 00-0049	EA	50 LEDs, 55 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	930.70	112.55
26 56 19 00-0050	EA	60 LEDs, 65 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,015.57	115.59
26 56 19 00-0051	EA	70 LEDs, 75 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,218.05	118.63
26 56 19 00-0052	EA	80 LEDs, 86 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,301.75	121.67
26 56 19 00-0053	EA	90 LEDs, 96 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,386.62	124.72
26 56 19 00-0054	EA	100 LEDs, 111 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,549.12	127.76
26 56 19 00-0055	EA	110 LEDs, 122 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,633.99	130.80
26 56 19 00-0056	EA	120 LEDs, 133 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,718.86	133.85
26 56 19 00-0057		Horizontal Tenon Mount, Low Profile, LED Roadway Fixtures (CREE® BetaLED® LEDway® STR-SLM™) *(26 56 19 00-0044)* Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 525mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0058	EA	20 LEDs, 38 System Watts, Horizontal Tenon Mount, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLM™)	630.21	103.42
26 56 19 00-0059	EA	30 LEDs, 55 System Watts, Horizontal Tenon Mount, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLM™)	713.91	106.47
26 56 19 00-0060	EA	40 LEDs, 70 System Watts, Horizontal Tenon Mount, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLM™)	815.24	109.51
26 56 19 00-0061	EA	50 LEDs, 88 System Watts, Horizontal Tenon Mount, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLM™)	900.12	112.55
26 56 19 00-0062	EA	60 LEDs, 106 System Watts, Horizontal Tenon Mount, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLM™)	983.82	115.59
26 56 19 00-0063		Vertical/Horizontal Tenon Mount, IP66 Rated, Low Profile, LED Roadway Fixtures (CREE® BetaLED® LEDway® STR-SLMIP66™) *(26 56 19 00-0044)* Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 525mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0064	EA	20 LEDs, 38 System Watts, Vertical/Horizontal Tenon Mount, IP66 Rated, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLMIP66™)	670.19	103.42
26 56 19 00-0065	EA	30 LEDs, 55 System Watts, Vertical/Horizontal Tenon Mount, IP66 Rated, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLMIP66™)	753.89	106.47
26 56 19 00-0066	EA	40 LEDs, 70 System Watts, Vertical/Horizontal Tenon Mount, IP66 Rated, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLMIP66™)	854.05	109.51
26 56 19 00-0067	EA	50 LEDs, 88 System Watts, Vertical/Horizontal Tenon Mount, IP66 Rated, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLMIP66™)	938.93	112.55
26 56 19 00-0068	EA	60 LEDs, 106 System Watts, Vertical/Horizontal Tenon Mount, IP66 Rated, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLMIP66™)	1,023.80	115.59

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0069		Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® BXSP) *(26 56 19 00-0044)*		
		Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0070	EA	3,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® Aeroblades™ XSP2™ BXSP)	556.17	121.67
26 56 19 00-0071	EA	3,850 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® Aeroblades™ XSP2™ BXSP)	556.17	121.67
26 56 19 00-0072	EA	4,806 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® Aeroblades™ XSP2™ BXSP)	650.25	121.67
26 56 19 00-0073	EA	5,340 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® Aeroblades™ XSP2™ BXSP)	650.25	121.67
26 56 19 00-0074		Surface Mount, LED Transportation Fixtures (CREE® BetaLED® Edge® TSP-EDG) *(26 56 19 00-0044)*		
		Note: Direct, cantenary or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0075	EA	40 LEDs, 47 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,332.68	109.51
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 19 00-0076	EA	60 LEDs, 68 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,541.24	115.59
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 19 00-0077	EA	80 LEDs, 90 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,748.63	121.67
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 19 00-0078	EA	100 LEDs, 111 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,957.19	127.76
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 19 00-0079	EA	120 LEDs, 132 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,580.87	133.85
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 19 00-0080	EA	140 LEDs, 157 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,789.44	139.92
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 19 00-0081	EA	160 LEDs, 179 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,996.82	146.01
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 19 00-0082	EA	200 LEDs, 234 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	3,726.76	158.17
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 19 00-0083	EA	240 LEDs, 269 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	4,131.70	164.26
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 19 00-0084		LED Roadway Lighting (Cooper Lighting) *(26 56 19 00-0035)*		
26 56 19 00-0085		Horizontal Tenon Mount, LED Roadway Fixtures (Cooper Lighting Streetworks NVN™) *(26 56 19 00-0084)*		
		Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0086	EA	1 LED Light Square, 51 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	551.51	109.51
26 56 19 00-0087	EA	2 LED Light Squares, 103 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	733.28	121.67
26 56 19 00-0088	EA	3 LED Light Squares, 154 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	791.57	139.92
26 56 19 00-0089	EA	4 LED Light Squares, 206 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,147.88	152.10
26 56 19 00-0090	EA	6 LED Light Squares, 309 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,491.49	173.16
26 56 19 00-0091		LED Roadway Lighting (PlanLED HERA) *(26 56 19 00-0035)*		
26 56 19 00-0092		Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED HERA) *(26 56 19 00-0091)*		
		Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0093	EA	85 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED HERA 85W)	762.93	106.47
26 56 19 00-0094	EA	110 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED HERA 110W)	802.27	107.64
26 56 19 00-0095	EA	150 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED HERA 150W)	844.01	109.51
26 56 19 00-0096		LED Roadway Lighting (General Electric) *(26 56 19 00-0035)*		
26 56 19 00-0097		Horizontal Tenon Mount, LED Cobra Head Street Lights (General Electric) *(26 56 19 00-0096)*		
		Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or gray powder coat finish. Excludes sensors.		
26 56 19 00-0098	EA	3,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1)	699.44	121.67
26 56 19 00-0099	EA	4,600 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1)	758.70	121.67
26 56 19 00-0100	EA	8,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS2)	973.97	121.67
26 56 19 00-0101		LED Roadway Lighting (Acuity AEL Autobahn) *(26 56 19 00-0035)*		
26 56 19 00-0102		Horizontal Tenon Mount, LED Cobra Head Street Lights (Acuity AEL Autobahn) *(26 56 19 00-0101)*		
		Note: UL wet listed. Includes 4,000K or 5,000K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and white, black, gray, graphite or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0103	EA	4,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0)	845.27	121.67
26 56 19 00-0104	EA	9,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0)	1,070.99	121.67
26 56 19 00-0105	EA	12,600 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2)	1,131.60	121.67
26 56 19 00-0106		Induction Roadway Lighting *(26 56 19)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0107		Induction Roadway Lighting (Crystal Lighting) *(26 56 19 00-0106)*		
		Note: Includes gray powder coat finish heavy duty die cast aluminum body and borosilicate drop glass lens.		
26 56 19 00-0108	EA	40 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH29)	488.69	140.39
		For Black Powder Coat Finish, Add	*20.00*	
26 56 19 00-0109	EA	65 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH29)	522.20	145.07
		For Black Powder Coat Finish, Add	*20.00*	
26 56 19 00-0110	EA	80 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH29)	545.21	149.76
		For Black Powder Coat Finish, Add	*20.00*	
		For Dimming, Add	*80.00*	
26 56 19 00-0111	EA	100 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH29)	573.46	154.44
		For Black Powder Coat Finish, Add	*20.00*	
26 56 19 00-0112	EA	120 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH36)	717.23	159.11
		For Black Powder Coat Finish, Add	*20.00*	
26 56 19 00-0113	EA	150 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH36)	732.88	163.79
		For Black Powder Coat Finish, Add	*20.00*	
		For Dimming, Add	*80.00*	
26 56 19 00-0114	EA	200 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH36)	763.25	168.47
		For Black Powder Coat Finish, Add	*20.00*	
		For Dimming, Add	*80.00*	
26 56 19 00-0115		Induction Roadway Lighting (US Lighting Tech) *(26 56 19 00-0106)*		
		Note: Includes gray powder coat finish heavy duty die cast aluminum body and flat glass lens.		
26 56 19 00-0116	EA	40 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	548.54	140.39
26 56 19 00-0117	EA	70 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	610.40	145.07
26 56 19 00-0118	EA	100 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	629.11	154.44
26 56 19 00-0119	EA	150 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	647.83	163.79
26 56 19 00-0120	EA	200 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	777.95	168.47
26 56 19 00-0121	EA	250 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	791.50	173.16
26 56 19 00-0122	EA	40 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	504.44	140.39
26 56 19 00-0123	EA	70 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	572.60	145.07
26 56 19 00-0124	EA	100 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	591.31	154.44
26 56 19 00-0125	EA	150 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	610.03	163.79
26 56 23		**Area Lighting** *(26 56)*		
26 56 23 00-0001		Exterior Globe *(26 56 23)*		
26 56 23 00-0002		Incandescent *(26 56 23 00-0001)*		
26 56 23 00-0003	EA	100 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	47.78	15.08
26 56 23 00-0004	EA	150-200 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	80.32	15.08
26 56 23 00-0005	EA	100 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	59.11	15.08
26 56 23 00-0006	EA	150-200 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	84.68	15.08
26 56 23 00-0007		Surface Mounted, Rectangular Exterior Area Fixture *(26 56 23)*		
26 56 23 00-0008		Metal Halide *(26 56 23 00-0007)*		
26 56 23 00-0009	EA	175 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	560.13	176.90
		For Round Body, Add	*38.52*	
		For Spherical Dome Body, Add	*75.54*	
26 56 23 00-0010	EA	250 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	647.20	199.01
		For Round Body, Add	*46.96*	
		For Spherical Dome Body, Add	*92.08*	
26 56 23 00-0011	EA	400 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	777.24	221.12
		For Round Body, Add	*60.68*	
		For Spherical Dome Body, Add	*118.99*	
26 56 23 00-0012	EA	1000 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,007.02	259.15
		For Round Body, Add	*73.58*	
		For Spherical Dome Body, Add	*144.27*	
26 56 23 00-0013		High Pressure Sodium *(26 56 23 00-0007)*		
26 56 23 00-0014	EA	70 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	556.31	151.25
		For Round Body, Add	*42.74*	
		For Spherical Dome Body, Add	*83.80*	
26 56 23 00-0015	EA	100 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	608.01	160.97
		For Round Body, Add	*47.73*	
		For Spherical Dome Body, Add	*93.59*	
26 56 23 00-0016	EA	150 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	660.40	169.82
		For Round Body, Add	*52.62*	
		For Spherical Dome Body, Add	*103.19*	
26 56 23 00-0017	EA	175 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	681.04	176.90
		For Round Body, Add	*53.94*	
		For Spherical Dome Body, Add	*105.77*	
26 56 23 00-0018	EA	250 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	757.62	199.01
		For Round Body, Add	*61.04*	
		For Spherical Dome Body, Add	*119.68*	
26 56 23 00-0019	EA	400 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	857.99	221.12
		For Round Body, Add	*70.98*	
		For Spherical Dome Body, Add	*139.18*	
26 56 23 00-0020	EA	1000 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,131.74	259.15
		For Round Body, Add	*89.48*	
		For Spherical Dome Body, Add	*175.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0021		Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 23)*		
26 56 23 00-0022		High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 23 00-0021)*		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 23 00-0023	EA	35 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	547.86	119.40
26 56 23 00-0024	EA	50 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	559.26	132.67
26 56 23 00-0025	EA	70 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	506.36	151.25
26 56 23 00-0026	EA	100 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	614.70	160.97
26 56 23 00-0027	EA	150 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	634.71	169.82
26 56 23 00-0028	EA	175 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	663.98	176.90
26 56 23 00-0029	EA	250 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	724.58	199.01
26 56 23 00-0030	EA	400 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	914.67	221.12
26 56 23 00-0031		Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 23 00-0021)*		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 23 00-0032	EA	50 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	517.11	132.67
26 56 23 00-0033	EA	70 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	540.60	151.25
26 56 23 00-0034	EA	100 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	556.23	160.97
26 56 23 00-0035	EA	150 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	587.48	169.82
26 56 23 00-0036	EA	175 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	580.72	176.90
26 56 23 00-0037	EA	250 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	634.29	199.01
26 56 23 00-0038	EA	400 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	778.12	221.12
26 56 23 00-0039		Compact Fluorescent And Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 23 00-0021)*		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 23 00-0040	EA	7 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	163.91	60.30
26 56 23 00-0041	EA	9 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	171.48	64.07
26 56 23 00-0042	EA	13 Or 14 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	186.70	67.84
26 56 23 00-0043	EA	75 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	188.42	75.37
26 56 23 00-0044	EA	100 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	211.98	86.67
26 56 23 00-0045		Wall Packs *(26 56 23)*		
26 56 23 00-0046		Non Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 23 00-0045)*		
		Note: Polycarbonate body and aluminum reflector. 11" x 6-1/2" x 5-1/4". Lithonia TWS.		
26 56 23 00-0047	EA	13 Watt Compact Fluorescent, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	211.82	41.22
26 56 23 00-0048	EA	50 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	224.77	41.22
26 56 23 00-0049	EA	35 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	224.77	41.22
26 56 23 00-0050	EA	70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	287.55	41.22
26 56 23 00-0051		Semi Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 23 00-0045)*		
		Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWA.		
26 56 23 00-0052	EA	42 Watt Compact Fluorescent, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	388.90	41.22
26 56 23 00-0053	EA	50 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	393.55	41.22
26 56 23 00-0054	EA	70 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	397.58	41.22
26 56 23 00-0055	EA	100 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	390.23	41.22
26 56 23 00-0056	EA	70 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	360.02	41.22
26 56 23 00-0057	EA	100 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	343.42	41.22
26 56 23 00-0058		Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 23 00-0045)*		
		Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWAC.		
26 56 23 00-0059	EA	50 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	408.01	41.22
26 56 23 00-0060	EA	70 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	412.26	41.22
26 56 23 00-0061	EA	100 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	404.92	41.22
26 56 23 00-0062	EA	70 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	410.83	41.22
26 56 23 00-0063	EA	100 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	410.83	41.22
26 56 23 00-0064		Non Cutoff, Borosilicate Glass Lens, Small Wall Packs *(26 56 23 00-0045)*		
		Note: Aluminum body and reflector. 9" x 13" x 7-3/8". Lithonia TWR1.		
26 56 23 00-0065	EA	70 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	400.41	54.90
26 56 23 00-0066	EA	100 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	400.41	54.90
26 56 23 00-0067	EA	175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	377.67	54.90
26 56 23 00-0068	EA	70 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	386.39	54.90
26 56 23 00-0069	EA	100 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	386.39	54.90
26 56 23 00-0070	EA	150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	361.17	54.90
26 56 23 00-0071		Cutoff, Borosilicate Glass Lens, Small Wall Packs *(26 56 23 00-0045)*		
		Note: Aluminum body and reflector. 10-1/4" x 13" x 8-15/32". Lithonia TWR1C.		
26 56 23 00-0072	EA	70 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	413.88	54.90
26 56 23 00-0073	EA	100 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	413.88	54.90
26 56 23 00-0074	EA	175 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	413.88	54.90
26 56 23 00-0075	EA	70 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	400.51	54.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0076	EA	100 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	400.51	54.90
26 56 23 00-0077	EA	150 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	400.51	54.90
26 56 23 00-0078		Full Cutoff, Tempered Glass Lens, Small Wall Packs *(26 56 23 00-0045)*		
		Note: Aluminum body and reflector. 9-3/8" x 14-3/8" x 8-3/4". Meets Nighttime Friendly criteria. Lithonia TWR1S.		
26 56 23 00-0079	EA	175 Watt Metal Halide, Full Cutoff, Tempered Glass Lens, Small Wall Pack	522.73	54.90
26 56 23 00-0080		Cutoff, Borosilicate Glass Lens, Medium Wall Packs *(26 56 23 00-0045)*		
		Note: Aluminum body and reflector. Lithonia TWR2.		
26 56 23 00-0081	EA	250 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 9-3/8".	504.20	68.01
26 56 23 00-0082	EA	400 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 12-1/2".	535.03	68.01
26 56 23 00-0083	EA	250 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 9-3/8".	571.78	68.01
26 56 23 00-0084	EA	400 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 12-1/2".	581.90	68.01
26 56 23 00-0085		Cutoff, Tempered Glass Lens, Medium Wall Packs *(26 56 23 00-0045)*		
		Note: Aluminum body and reflector. 10" x 17-1/8" x 14-1/2". Lithonia TWR2C.		
26 56 23 00-0086	EA	250 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	543.85	68.01
26 56 23 00-0087	EA	400 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	578.49	68.01
26 56 23 00-0088		Non Cutoff, Polycarbonate Lens, Large Wall Packs *(26 56 23 00-0045)*		
		Note: Polycarbonate body and powder coated reflector. 15-7/16" x 16-1/8" x 7-3/4". Lithonia TWP.		
26 56 23 00-0089	EA	100 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack	516.36	82.45
26 56 23 00-0090	EA	175 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack	479.67	82.45
26 56 23 00-0091	EA	70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	507.87	82.45
26 56 23 00-0092	EA	100 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	510.67	82.45
26 56 23 00-0093	EA	150 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	513.62	82.45
26 56 23 00-0094		Non Cutoff, Borosilicate Glass Lens, Large Wall Packs *(26 56 23 00-0045)*		
		Note: Aluminum body and reflector. 15-3/4" x 16-1/4" x 8". Lithonia TWH.		
26 56 23 00-0095	EA	175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	516.37	82.45
26 56 23 00-0096	EA	250 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	528.61	82.45
26 56 23 00-0097	EA	400 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	565.30	82.45
26 56 23 00-0098	EA	150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	540.84	82.45
26 56 23 00-0099	EA	250 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	553.08	82.45
26 56 23 00-0100	EA	400 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	577.52	82.45
26 56 23 00-0101		Full Cutoff, LED Wall Packs *(26 56 23 00-0045)*		
26 56 23 00-0102		Full Cutoff, LED Wall Packs (Lithonia) *(26 56 23 00-0101)*		
26 56 23 00-0103	EA	30 LEDs, 57 System Watts, 530 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED)	937.64	81.90
26 56 23 00-0104	EA	30 LEDs, 35 System Watts, 350 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED)	1,021.64	81.90
26 56 23 00-0105		Full Cutoff, LED Wall Packs (CREE® BetaLED®) *(26 56 23 00-0101)*		
26 56 23 00-0106		Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® Edge® SEC-EDG) *(26 56 23 00-0105)* Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0107	EA	20 LEDs, 26 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	700.07	79.55
26 56 23 00-0108	EA	40 LEDs, 47 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	905.82	84.24
26 56 23 00-0109	EA	60 LEDs, 68 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,111.57	88.92
26 56 23 00-0110	EA	80 LEDs, 90 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,316.15	93.60
26 56 23 00-0111	EA	100 LEDs, 111 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,568.95	98.27
26 56 23 00-0112	EA	120 LEDs, 132 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,727.65	102.95
26 56 23 00-0113		Wall Pack Accessories *(26 56 23 00-0045)*		
26 56 23 00-0114	EA	Photocell For Wall Pack	78.72	20.61
26 56 23 00-0115	EA	Wire Guard For Mini And Small Wall Pack	86.56	20.61
26 56 23 00-0116	EA	Wire Guard For Medium And Large Wall Pack	119.35	20.61
26 56 23 00-0117	EA	Vandal Guard For Wall Pack	166.66	20.61
26 56 23 00-0118	EA	Full Cutoff Visor For Wall Pack	84.43	20.61
26 56 23 00-0119		LED Area Fixtures *(26 56 23)*		
26 56 23 00-0120		Pole Mount, LED Area Fixtures *(26 56 23 00-0119)*		
26 56 23 00-0121		Pole Mount, Rectangular, LED Architectural Area Fixtures (CREE® Aeroblades™ BXABP) *(26 56 23 00-0120)* Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 525mA remote driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0122	EA	20 LEDs, 39 System Watts, Pole Mount, Rectangular, LED Architectural Area Fixture (CREE® Aeroblades™ BXABP)	1,351.57	79.55
		For 0 To 10 V Dimming, Add	*47.04*	
		For 347 To 480 V, Add	*71.74*	
26 56 23 00-0123	EA	40 LEDs, 70 System Watts, Pole Mount, Rectangular, LED Architectural Area Fixture (CREE® Aeroblades™ BXABP)	1,831.33	84.24
		For 0 To 10 V Dimming, Add	*47.04*	
		For 347 To 480 V, Add	*71.74*	
26 56 23 00-0124	EA	60 LEDs, 103 System Watts, Pole Mount, Rectangular, LED Architectural Area Fixture (CREE® Aeroblades™ BXABP)	2,311.09	88.92
		For 0 To 10 V Dimming, Add	*47.04*	
		For 347 To 480 V, Add	*71.74*	

26 56 23 00-0125 Arm Mount, Rectangular, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDG) *(26 56 23 00-0120)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors. All fixtures without the backlight control shield are DLC qualified

26 56 23 00-0126	EA	40 LEDs, 47 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	984.61	84.24
		For Backlight Shielding, Add	*16.46*	
		For 480 V, Add	*71.74*	
		For Multi-Level Drive Currents, Add	*164.64*	
		For Post Top Mount, Add	*255.16*	
26 56 23 00-0127	EA	60 LEDs, 68 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,189.19	88.92
		For Backlight Shielding, Add	*16.46*	
		For 480 V, Add	*71.74*	
		For Multi-Level Drive Currents, Add	*164.64*	
		For Post Top Mount, Add	*257.97*	
26 56 23 00-0128	EA	80 LEDs, 90 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,473.73	93.60
		For Backlight Shielding, Add	*16.46*	
		For 480 V, Add	*71.74*	
		For Multi-Level Drive Currents, Add	*164.64*	
		For Post Top Mount, Add	*260.78*	
26 56 23 00-0129	EA	100 LEDs, 111 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,678.32	98.27
		For Backlight Shielding, Add	*16.46*	
		For 480 V, Add	*71.74*	
		For Multi-Level Drive Currents, Add	*164.64*	
		For Post Top Mount, Add	*263.59*	
26 56 23 00-0130	EA	120 LEDs, 132 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,884.06	102.95
		For Backlight Shielding, Add	*16.46*	
		For 480 V, Add	*71.74*	
		For Multi-Level Drive Currents, Add	*164.64*	
		For Post Top Mount, Add	*266.39*	
26 56 23 00-0131	EA	140 LEDs, 157 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,152.14	107.64
		For Backlight Shielding, Add	*16.46*	
		For 480 V, Add	*71.74*	
		For Multi-Level Drive Currents, Add	*164.64*	
		For Post Top Mount, Add	*269.20*	
26 56 23 00-0132	EA	160 LEDs, 179 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,357.89	112.32
		For Backlight Shielding, Add	*16.46*	
		For 480 V, Add	*71.74*	
		For Multi-Level Drive Currents, Add	*164.64*	
		For Post Top Mount, Add	*272.01*	
26 56 23 00-0133	EA	200 LEDs, 221 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,768.22	121.67
		For Backlight Shielding, Add	*16.46*	
		For 480 V, Add	*71.74*	
		For Multi-Level Drive Currents, Add	*164.64*	
		For Post Top Mount, Add	*277.63*	
26 56 23 00-0134	EA	240 LEDs, 264 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	3,169.19	126.36
		For Backlight Shielding, Add	*16.46*	
		For 480 V, Add	*71.74*	
		For Multi-Level Drive Currents, Add	*164.64*	
		For Post Top Mount, Add	*280.43*	

26 56 23 00-0135 Arm Mount, Round, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDR) *(26 56 23 00-0120)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 23 00-0136	EA	40 LEDs, 47 System Watts, Arm Mount, Round, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR)	1,125.73	84.24
		For Backlight Shielding, Add	*16.46*	
		For 480 V, Add	*71.74*	
		For Multi-Level Drive Currents, Add	*164.64*	
		For Post Top Mount, Add	*255.16*	
26 56 23 00-0137	EA	60 LEDs, 68 System Watts, Arm Mount, Round, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR)	1,330.31	88.92
		For Backlight Shielding, Add	*16.46*	
		For 480 V, Add	*71.74*	
		For Multi-Level Drive Currents, Add	*164.64*	
		For Post Top Mount, Add	*257.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0138	EA	80 LEDs, 90 System Watts, Arm Mount, Round, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR)	1,536.06	93.60
		For Backlight Shielding, Add	*16.46*	
		For 480 V, Add	*71.74*	
		For Multi-Level Drive Currents, Add	*164.64*	
		For Post Top Mount, Add	*260.78*	
26 56 23 00-0139	EA	100 LEDs, 111 System Watts, Arm Mount, Round, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR)	1,741.82	98.27
		For Backlight Shielding, Add	*16.46*	
		For 480 V, Add	*71.74*	
		For Multi-Level Drive Currents, Add	*164.64*	
		For Post Top Mount, Add	*263.59*	
26 56 23 00-0140	EA	120 LEDs, 132 System Watts, Arm Mount, Round, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR)	1,946.39	102.95
		For Backlight Shielding, Add	*16.46*	
		For 480 V, Add	*71.74*	
		For Multi-Level Drive Currents, Add	*164.64*	
		For Post Top Mount, Add	*266.39*	

26 56 23 00-0141 Direct Or Arm Mount, Rectangular, High Output, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EHO) *(26 56 23 00-0120)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 23 00-0142	EA	120 LEDs, 279 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)	1,694.73	102.95
		For 480 V, Add	*71.74*	
26 56 23 00-0143	EA	240 LEDs, 557 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)	2,838.73	126.36
		For 480 V, Add	*71.74*	

26 56 23 00-0144 Wall Mount, LED Area Fixtures *(26 56 23 00-0119)*

26 56 23 00-0145 Wall Mount, Rectangular, LED Architectural Area Fixtures (CREE® Aeroblades™ BXABR) *(26 56 23 00-0144)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 525mA remote driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 23 00-0146	EA	20 LEDs, 39 System Watts, Wall Mount, Rectangular, LED Architectural Area Fixture (CREE® Aeroblades™ BXABR)	1,304.53	79.55
		For 0 To 10 V Dimming, Add	*47.04*	
		For 347 To 480 V, Add	*71.74*	
26 56 23 00-0147	EA	40 LEDs, 70 System Watts, Wall Mount, Rectangular, LED Architectural Area Fixture (CREE® Aeroblades™ BXABR)	1,793.65	88.92
		For 0 To 10 V Dimming, Add	*47.04*	
		For 347 To 480 V, Add	*71.74*	
26 56 23 00-0148	EA	60 LEDs, 103 System Watts, Wall Mount, Rectangular, LED Architectural Area Fixture (CREE® Aeroblades™ BXABR)	2,264.05	88.92
		For 0 To 10 V Dimming, Add	*47.04*	
		For 347 To 480 V, Add	*71.74*	

26 56 23 00-0149 Surface Mount, LED Parking Structure Fixtures *(26 56 23 00-0119)*

26 56 23 00-0150 Surface Mount, Rectangular, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-EDG) *(26 56 23 00-0149)*

Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 23 00-0151	EA	20 LEDs, 26 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	661.26	79.55
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 23 00-0152	EA	40 LEDs, 47 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	867.01	84.24
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 23 00-0153	EA	60 LEDs, 68 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,071.59	88.92
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 23 00-0154	EA	80 LEDs, 90 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,277.34	93.60
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 23 00-0155	EA	100 LEDs, 111 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,483.10	98.27
		For Multi-Level Drive Currents, Add	*164.64*	

26 56 23 00-0156 Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-304) *(26 56 23 00-0149)*

Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 23 00-0157	EA	40 LEDs, 47 System Watts, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304)	835.26	84.24
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 23 00-0158	EA	60 LEDs, 68 System Watts, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304)	923.41	88.92
		For Multi-Level Drive Currents, Add	*164.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0159		**Surface Mount, Rectangular, LED Parking Structure Fixtures (Philips Gardco ELG)** *(26 56 23 00-0149)* Note: Direct or pendant mount. UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and aluminum finish. Excludes sensors.		
26 56 23 00-0160	EA	70 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG)	1,001.33	88.92
26 56 23 00-0161	EA	110 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG)	1,020.06	98.27
26 56 23 00-0162		**Surface Mount, LED Canopy Fixtures** *(26 56 23 00-0119)*		
26 56 23 00-0163		**Surface Mount, Rectangular, LED Canopy Fixtures (CREE® BetaLED® Edge® CAN-EDG)** *(26 56 23 00-0162)* Note: Direct or pendant mount. UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0164	EA	40 LEDs, 47 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,008.13	84.24
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 23 00-0165	EA	60 LEDs, 68 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,212.71	88.92
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 23 00-0166	EA	80 LEDs, 90 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,418.46	93.60
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 23 00-0167	EA	100 LEDs, 111 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,624.22	98.27
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 23 00-0168	EA	120 LEDs, 132 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,828.79	102.95
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 23 00-0169	EA	140 LEDs, 157 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,113.33	107.64
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 23 00-0170	EA	160 LEDs, 179 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,317.91	112.32
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 23 00-0171	EA	200 LEDs, 221 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,729.41	121.67
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 23 00-0172	EA	240 LEDs, 264 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	3,130.38	126.36
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 23 00-0173		**Recessed Mount, LED Soffit Fixtures** *(26 56 23 00-0119)*		
26 56 23 00-0174		**Recessed Mount, Rectangular, LED Soffit Fixtures (CREE® BetaLED® SFT-227)** *(26 56 23 00-0173)* Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0175	EA	30 LEDs, 36 System Watts, Recessed Mount, Rectangular, LED Soffit Fixture (CREE® BetaLED® SFT-227)	836.46	81.90
26 56 23 00-0176	EA	60 LEDs, 68 System Watts, Recessed Mount, Rectangular, LED Soffit Fixture (CREE® BetaLED® SFT-227)	1,093.93	88.92
26 56 23 00-0177	EA	90 LEDs, 101 System Watts, Recessed Mount, Rectangular, LED Soffit Fixture (CREE® BetaLED® SFT-227)	1,445.49	95.93
26 56 23 00-0178	EA	120 LEDs, 139 System Watts, Recessed Mount, Rectangular, LED Soffit Fixture (CREE® BetaLED® SFT-227)	1,670.03	102.95
26 56 23 00-0179		**Recessed Mount, Square, LED Soffit Fixtures (CREE® BetaLED® SFT-304)** *(26 56 23 00-0173)* Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0180	EA	40 LEDs, 47 System Watts, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304)	850.55	84.24
26 56 23 00-0181	EA	60 LEDs, 68 System Watts, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304)	937.53	88.92
26 56 23 00-0182		**Surface Mount, LED Area Fixtures** *(26 56 23 00-0119)*		
26 56 23 00-0183		**Surface Mount, Square, LED Multi-Purpose Area Fixtures (LSI Industries® Crossover® XPG)** *(26 56 23 00-0182)* Note: UL wet listed. Includes 5,300K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black or silver powder coat finish. Excludes sensors.		
26 56 23 00-0184	EA	50 LEDs, 59 System Watts, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	598.67	84.24
26 56 23 00-0185	EA	50 LEDs, 59 System Watts, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	741.38	84.24
26 56 23 00-0186	EA	68 LEDs, 79 System Watts, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	630.50	93.60
26 56 23 00-0187	EA	68 LEDs, 79 System Watts, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	767.30	93.60
26 56 23 00-0188		**Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour®)** *(26 56 23 00-0182)* Note: Wall, inverted, post, bollard, floodlight trunnion, or floodlight knuckle mount. UL wet listed. Includes 5,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0189	EA	13 System Watts, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR1A)	194.58	29.68
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0190	EA	20 System Watts, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR2A)	225.36	29.68
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
26 56 23 00-0191	EA	30 System Watts, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR3A)	283.99	29.68
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
26 56 23 00-0192		Surface Mount, LED Facade Fixtures *(26 56 23 00-0119)*		
26 56 23 00-0193		Surface Mount, LED Facade Fixtures (lumenpulse™ lumenfacade™) *(26 56 23 00-0192)*		
26 56 23 00-0194	EA	12" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	375.62	34.67
26 56 23 00-0195	EA	24" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	600.94	31.65
26 56 23 00-0196	EA	36" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	761.98	26.38
26 56 23 00-0197	EA	48" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	923.01	21.10
26 56 23 00-0198		Post Top, LED Area Fixtures *(26 56 23 00-0119)*		
26 56 23 00-0199		Post Top, LED Area Fixtures (Cooper Lighting Invue® MSA) *(26 56 23 00-0198)*		
		Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 350mA remote driver, die-cast extruded aluminum housing assembly and white, black, grey, dark platinum, graphite metallic or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0200	EA	27 System Watts, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO1)	1,085.96	128.70
26 56 23 00-0201	EA	54 System Watts, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO2)	1,191.68	128.70
26 56 23 00-0202	EA	77 System Watts, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO3)	1,275.25	128.70
26 56 23 00-0203		Induction Area Fixtures *(26 56 23)*		
26 56 23 00-0204		Post Top, Induction Area Fixtures *(26 56 23 00-0203)*		
26 56 23 00-0205		Post Top, Induction Area Fixtures (Crystal Lighting) *(26 56 23 00-0204)*		
		Note: Includes black powder coat finish heavy duty die cast aluminum body and acrylic lens.		
26 56 23 00-0206	EA	65 Watt Induction, Post Top Mount, Acorn Style Area Fixture (Crystal Lighting CLP-ACRN)	614.39	128.70
26 56 23 00-0207	EA	80 Watt Induction, Post Top Mount, Acorn Style Area Fixture (Crystal Lighting CLP-ACRN)	676.34	128.70
26 56 23 00-0208		Post Top, Induction Area Fixtures (US Lighting Tech) *(26 56 23 00-0204)*		
		Note: Includes black powder coat finish heavy duty die cast aluminum body and no-lite lid acrylic lens.		
26 56 23 00-0209	EA	40 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	636.44	128.70
26 56 23 00-0210	EA	70 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	697.34	128.70
26 56 23 00-0211	EA	100 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	697.34	128.70
26 56 23 00-0212	EA	150 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	697.34	128.70
26 56 23 00-0213		Surface Mount, Induction Parking Structure Fixtures *(26 56 23 00-0203)*		
26 56 23 00-0214		Surface Mount, Induction Parking Structure Fixtures (Everlast®) *(26 56 23 00-0213)*		
26 56 23 00-0215	EA	40 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	563.09	116.99
26 56 23 00-0216	EA	55 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	603.47	119.33
26 56 23 00-0217	EA	70 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	612.35	121.67
26 56 23 00-0218	EA	80 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	621.23	124.01
26 56 23 00-0219	EA	100 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	630.11	126.36
26 56 23 00-0220	EA	120 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	643.19	128.70
26 56 23 00-0221	EA	70/28 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	673.25	121.67
26 56 23 00-0222	EA	80/32 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	682.13	124.01
26 56 23 00-0223	EA	100/40 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	691.01	126.36
26 56 23 00-0224	EA	120/48 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	721.94	128.70
26 56 26		**Landscape Lighting** *(26 56)*		
26 56 26 00-0001		Bollards *(26 56 26)*		
26 56 26 00-0002	EA	24" Incandescent Bollard	684.38	131.92
26 56 26 00-0003	EA	36" Incandescent Bollard	835.61	164.89
26 56 26 00-0004	EA	42" Incandescent Bollard	864.03	164.89
26 56 26 00-0005	EA	24" H.I.D. Bollard	661.64	131.92
26 56 26 00-0006	EA	36" H.I.D. Bollard	773.09	164.89
26 56 26 00-0007	EA	42" H.I.D. Bollard	932.23	164.89
26 56 26 00-0008	EA	8" Diameter x 44" High Concrete Bollard	960.23	164.89
26 56 26 00-0009	EA	10" Diameter x 44" High Concrete Bollard	1,052.86	185.50
26 56 26 00-0010	EA	12" Diameter x 48" High Concrete Bollard	1,555.43	206.11
26 56 26 00-0011	EA	18" Diameter x 58 High Concrete Bollard	1,686.34	274.79
26 56 26 00-0012		Low Voltage *(26 56 26)*		
26 56 26 00-0013	EA	Low Voltage Recessed Uplight	646.80	150.05
26 56 26 00-0014	EA	Low Voltage Walkway	477.48	82.45
26 56 26 00-0015	EA	Low Voltage Malibu - 5 Light Set	447.48	110.07
26 56 26 00-0016	EA	Low Voltage Mushroom 24" Pier	397.91	82.45
26 56 26 00-0017		Recessed, Adjustable *(26 56 26)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 26 00-0018	EA	150 Watt Incandescent Recessed, Adjustable	792.37	131.92
26 56 26 00-0019	EA	300 Watt Incandescent Recessed, Adjustable	877.62	131.92
26 56 26 00-0020		**Recessed, Uplight** *(26 56 26)*		
26 56 26 00-0021	EA	50 Watt Incandescent Recessed Uplight	695.75	131.92
26 56 26 00-0022	EA	150 Watt Incandescent Recessed Uplight	712.80	131.92
26 56 26 00-0023	EA	300 Watt Incandescent Recessed Uplight	763.95	131.92
26 56 26 00-0024	EA	500 Watt Quartz Recessed Uplight	758.26	131.92
26 56 26 00-0025	EA	5 Watt LED Recessed Uplight	632.07	131.92
26 56 26 00-0026	EA	15 Watt LED Recessed Uplight	688.28	131.92
26 56 26 00-0027		**Recessed Wall Light** *(26 56 26)*		
26 56 26 00-0028	EA	100 Watt Incandescent Recessed Wall Light	346.76	82.45
26 56 26 00-0029	EA	100 Watt Fluorescent Recessed Wall Light	329.71	82.45
26 56 26 00-0030	EA	100 Watt H.I.D. Recessed Wall Light	555.47	110.07
26 56 26 00-0031		**Step Lights** *(26 56 26)*		
26 56 26 00-0032	EA	Incandescent Step Light	285.32	65.96
26 56 26 00-0033	EA	Fluorescent Step Light	342.21	65.96
26 56 26 00-0034	EA	5 Watt LED Step Light	343.62	65.96
26 56 26 00-0035	EA	15 Watt LED Step Light	403.57	65.96
26 56 26 00-0036		**Tree Lights, Surface Adjustable** *(26 56 26)*		
26 56 26 00-0037	EA	50 Watt Incandescent Tree Lights	629.35	110.07
26 56 26 00-0038	EA	100 Watt Incandescent Tree Lights	646.40	110.07
26 56 26 00-0039	EA	150 Watt Incandescent Tree Lights	784.46	164.89
26 56 26 00-0040		**Underwater Lights** *(26 56 26)*		
26 56 26 00-0041	EA	150 Watt, 120 V Underwater Lights	547.29	54.82
26 56 26 00-0042	EA	300 Watt, 120 V Underwater Lights	615.49	54.82
26 56 26 00-0043	EA	1000 Watt, 120 V Underwater Lights	1,557.35	82.45
26 56 26 00-0044	EA	50 Watt, 12 V Underwater Lights	575.71	54.82
26 56 26 00-0045	EA	300 Watt, 12 V Underwater Lights	655.28	54.82
26 56 26 00-0046	EA	Under Water Fountain Fixture, Set Of 6, 300 Watt, Incandescent	1,696.27	123.67
26 56 33		**Walkway Lighting** *(26 56)*		
26 56 33 00-0001		**Incandescent Walkway** *(26 56 33)*		
26 56 33 00-0002	EA	Post Top 300 Watt Incandescent Walkway Fixture	358.21	76.67
26 56 33 00-0003		**Metal Halide Walkway** *(26 56 33)*		
26 56 33 00-0004	EA	Post Top 100 Watt Metal Halide Walkway Fixture	548.86	120.53
26 56 33 00-0005	EA	Post Top 150-175 Watt Metal Halide Walkway Fixture	584.40	124.90
26 56 33 00-0006	EA	Post Top 250 Watt Metal Halide Walkway Fixture	636.09	129.68
26 56 33 00-0007	EA	Post Top 400 Watt Metal Halide Walkway Fixture	679.56	140.16
26 56 33 00-0008	EA	Round Luminaries 100 Watt Metal Halide Walkway Fixture	600.20	129.68
26 56 33 00-0009	EA	Round Luminaries 150-175 Watt Metal Halide Walkway Fixture	617.90	120.53
26 56 33 00-0010	EA	Round Luminaries 250 Watt Metal Halide Walkway Fixture	627.48	124.90
26 56 33 00-0011	EA	Spherical 100 Watt Metal Halide Walkway Fixture	512.70	85.90
26 56 33 00-0012	EA	Spherical 150-175 Watt Metal Halide Walkway Fixture	548.59	85.90
26 56 33 00-0013	EA	Spherical 250 Watt Metal Halide Walkway Fixture	584.48	85.90
26 56 33 00-0014	EA	Spherical 400 Watt Metal Halide Walkway Fixture	660.10	96.71
26 56 33 00-0015	EA	Low Walkway 100 Watt Metal Halide Walkway Fixture	495.33	77.17
26 56 33 00-0016		**High Pressure Sodium Walkway** *(26 56 33)*		
26 56 33 00-0017	EA	Post Top 100 Watt High Pressure Sodium Walkway Fixture	481.53	120.53
26 56 33 00-0018	EA	Post Top 150-175 Watt High Pressure Sodium Walkway Fixture	511.21	124.90
26 56 33 00-0019	EA	Post Top 250 Watt High Pressure Sodium Walkway Fixture	553.66	129.68
26 56 33 00-0020	EA	Post Top 400 Watt High Pressure Sodium Walkway Fixture	592.25	140.16
26 56 33 00-0021	EA	Round Luminaries 100 Watt High Pressure Sodium Walkway Fixture	525.62	129.68
26 56 33 00-0022	EA	Round Luminaries 150-175 Watt High Pressure Sodium Walkway Fixture	535.47	120.53
26 56 33 00-0023	EA	Round Luminaries 250 Watt High Pressure Sodium Walkway Fixture	544.87	124.90
26 56 33 00-0024	EA	Spherical 100 Watt High Pressure Sodium Walkway Fixture	438.12	85.90
26 56 33 00-0025	EA	Spherical 175 150-Watt High Pressure Sodium Walkway Fixture	466.16	85.90
26 56 33 00-0026	EA	Spherical 250 Watt High Pressure Sodium Walkway Fixture	494.20	85.90
26 56 33 00-0027	EA	Spherical 400 Watt High Pressure Sodium Walkway Fixture	558.04	96.71
26 56 33 00-0028	EA	Low Walkway 100 Watt High Pressure Sodium Walkway Fixture	420.75	77.17
26 56 33 00-0029		**Walkway, Adjustable** *(26 56 33)*		
26 56 33 00-0030	EA	2' Fluorescent Adjustable Walkway Fixture	521.16	110.07
26 56 33 00-0031	EA	4' Fluorescent Adjustable Walkway Fixture	538.86	110.07
26 56 33 00-0032	EA	8' Fluorescent Adjustable Walkway Fixture	955.42	164.89
26 56 33 00-0033	EA	50 Watt Incandescent Adjustable Walkway Fixture	448.20	82.45
26 56 33 00-0034	EA	150 Watt Incandescent Adjustable Walkway Fixture	471.81	82.45

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 33 00-0035		LED Walkway *(26 56 33)*		
26 56 33 00-0036		LED Pathway Fixtures (CREE® BetaLED® Edge® PWY-EDG) *(26 56 33 00-0035)* Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 33 00-0037	EA	13" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	693.52	63.31
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 33 00-0038	EA	18" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	717.04	63.31
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 33 00-0039	EA	36" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	757.02	63.31
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 33 00-0040	EA	42" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	787.60	63.31
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 33 00-0041	EA	96" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	904.77	81.40
		For Multi-Level Drive Currents, Add	*164.64*	
26 56 36		**Flood Lighting** *(26 56)*		
26 56 36 00-0001		General Electric Powerflood® Flood Lights *(26 56 36)*		
26 56 36 00-0002		MPF (Small Size) Series GE Flood Lights *(26 56 36 00-0001)* Note: For perimeters, entrances, building facades and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. 1/2" threaded mounting knuckle.		
26 56 36 00-0003		High Pressure Sodium MPF Series GE Flood Lights *(26 56 36 00-0002)*		
26 56 36 00-0004	EA	70 Watt High Pressure Sodium MPF Series GE Flood Light	224.47	70.64
26 56 36 00-0005	EA	100 Watt High Pressure Sodium MPF Series GE Flood Light	226.14	70.64
26 56 36 00-0006	EA	150 Watt High Pressure Sodium MPF Series GE Flood Light	228.91	70.64
26 56 36 00-0007		Metal Halide MPF Series GE Flood Lights *(26 56 36 00-0002)*		
26 56 36 00-0008	EA	70 Watt Metal Halide MPF Series GE Flood Light	290.49	70.64
26 56 36 00-0009		P-154 (Small Size) Series GE Flood Lights *(26 56 36 00-0001)* Note: For parking lots, building security, building facades, recreation areas and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0010		High Pressure Sodium P-154 Series GE Flood Lights *(26 56 36 00-0009)*		
26 56 36 00-0011	EA	70 Watt High Pressure Sodium P-154 Series GE Flood Light	427.45	94.18
26 56 36 00-0012	EA	100 Watt High Pressure Sodium P-154 Series GE Flood Light	429.67	94.18
26 56 36 00-0013	EA	150 Watt High Pressure Sodium P-154 Series GE Flood Light	433.55	94.18
26 56 36 00-0014	EA	250 Watt High Pressure Sodium P-154 Series GE Flood Light	477.37	94.18
26 56 36 00-0015	EA	400 Watt High Pressure Sodium P-154 Series GE Flood Light	490.13	94.18
26 56 36 00-0016		Metal Halide P-154 Series GE Flood Lights *(26 56 36 00-0009)*		
26 56 36 00-0017	EA	175 Watt Metal Halide P-154 Series GE Flood Light	423.56	94.18
26 56 36 00-0018	EA	250 Watt Metal Halide P-154 Series GE Flood Light	442.98	94.18
26 56 36 00-0019	EA	400 Watt Metal Halide P-154 Series GE Flood Light	452.97	94.18
26 56 36 00-0020		PF-154 (Medium Size) Series GE Flood Lights *(26 56 36 00-0001)* Note: For parking lots, building security and building facades. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0021		High Pressure Sodium PF-154 Series GE Flood Lights *(26 56 36 00-0020)*		
26 56 36 00-0022	EA	70 Watt High Pressure Sodium PF-154 Series GE Flood Light	441.57	105.95
26 56 36 00-0023	EA	100 Watt High Pressure Sodium PF-154 Series GE Flood Light	444.34	105.95
26 56 36 00-0024	EA	150 Watt High Pressure Sodium PF-154 Series GE Flood Light	448.78	105.95
26 56 36 00-0025	EA	250 Watt High Pressure Sodium PF-154 Series GE Flood Light	492.05	105.95
26 56 36 00-0026	EA	400 Watt High Pressure Sodium PF-154 Series GE Flood Light	504.25	105.95
26 56 36 00-0027		Metal Halide PF-154 GE Flood Lights *(26 56 36 00-0020)*		
26 56 36 00-0028	EA	175 Watt Metal Halide PF-154 Series GE Flood Light	438.24	105.95
26 56 36 00-0029	EA	250 Watt Metal Halide PF-154 Series GE Flood Light	457.10	105.95
26 56 36 00-0030	EA	400 Watt Metal Halide PF-154 Series GE Flood Light	467.08	105.95
26 56 36 00-0031		PF-400 (Medium Size) Series GE Flood Lights *(26 56 36 00-0001)* Note: For parking lots, building security, building facades, shipping yards and rail yards. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0032		High Pressure Sodium PF-400 Series GE Flood Lights *(26 56 36 00-0031)*		
26 56 36 00-0033	EA	150 Watt High Pressure Sodium PF-400 Series GE Flood Light	572.49	105.95
26 56 36 00-0034	EA	200 Watt High Pressure Sodium PF-400 Series GE Flood Light	611.32	105.95
26 56 36 00-0035	EA	250 Watt High Pressure Sodium PF-400 Series GE Flood Light	608.55	105.95
26 56 36 00-0036	EA	400 Watt High Pressure Sodium PF-400 Series GE Flood Light	622.42	105.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 36 00-0037		Metal Halide PF-400 GE Flood Lights *(26 56 36 00-0031)*		
26 56 36 00-0038	EA	175 Watt Metal Halide PF-400 Series GE Flood Light	586.91	105.95
26 56 36 00-0039	EA	250 Watt Metal Halide PF-400 Series GE Flood Light	598.56	105.95
26 56 36 00-0040	EA	400 Watt Metal Halide PF-400 Series GE Flood Light	610.77	105.95
26 56 36 00-0041		PF-1000 (Large Size) Series GE Flood Lights *(26 56 36 00-0001)*		
		Note: For parking lots, industrial yards and sports stadiums. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0042		High Pressure Sodium PF-154 Series GE Flood Lights *(26 56 36 00-0041)*		
26 56 36 00-0043	EA	750 Watt High Pressure Sodium PF-1000 Series GE Flood Light	761.90	117.72
26 56 36 00-0044	EA	1000 Watt High Pressure Sodium PF-1000 Series GE Flood Light	761.90	117.72
26 56 36 00-0045		Metal Halide PF-1000 Series GE Flood Lights *(26 56 36 00-0041)*		
26 56 36 00-0046	EA	1000 Watt Metal Halide PF-1000 Series GE Flood Light	729.72	117.72
26 56 36 00-0047		HLU/VLU (Medium Size) FRP Series GE Flood Lights *(26 56 36 00-0001)*		
		Note: For parking lots, industrial yards, construction sites, recreation areas and facades. Includes corrosion resistant reinforced polyester housing and thermal shock resistant lens. Hydroformed aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0048		High Pressure Sodium HLU/VLU FRP Series GE Flood Lights *(26 56 36 00-0047)*		
26 56 36 00-0049	EA	250 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	625.74	105.95
26 56 36 00-0050	EA	400 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	636.28	105.95
26 56 36 00-0051		Metal Halide HLU/VLU Series GE Flood Lights *(26 56 36 00-0047)*		
26 56 36 00-0052	EA	400 Watt Metal Halide HLU/VLU FRP Series GE Flood Light	631.85	105.95
26 56 36 00-0053		Accessories For Powerflood GE Flood Lights *(26 56 36 00-0001)*		
26 56 36 00-0054	EA	Wireguard For Powerflood GE Flood Light	110.88	23.54
26 56 36 00-0055	EA	Polycarbonate Vandal Shield For Powerflood GE Flood Light	69.82	23.54
26 56 36 00-0056	EA	Top Visor For Powerflood Flood Light	95.34	23.54
26 56 36 00-0057	EA	Top And Two Side Visors For Powerflood GE Flood Light	75.93	23.54
26 56 36 00-0058	EA	Pipe Wall Mounting Bracket For Powerflood GE Flood Light	197.84	70.64
26 56 36 00-0059	EA	Multiple Mounting Channel For Powerflood GE Flood Light	82.03	23.54
26 56 36 00-0060	EA	Wall Or Flat Surface Bracket For Powerflood GE Flood Light	156.24	70.64
26 56 36 00-0061	EA	Steel Angle Bracket For Powerflood GE Flood Light	161.23	70.64
26 56 36 00-0062	EA	Cross Arm Adaptor For Powerflood GE Flood Light	64.83	23.54
26 56 36 00-0063	EA	120/240V, 277V NEMA Twistlock Photocontrol For Powerflood GE Flood Light	63.17	23.54
26 56 36 00-0064		Lithonia Contour Series Flood Lights *(26 56 36)*		
26 56 36 00-0065		TFM (Small Size) Series Lithonia Flood Lights *(26 56 36 00-0064)*		
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Faceted parabolic optics. 1/2" threaded mounting knuckle.		
26 56 36 00-0066		High Pressure Sodium TFM Series Lithonia Flood Lights *(26 56 36 00-0065)*		
26 56 36 00-0067	EA	70 Watt High Pressure Sodium TFM Series Lithonia Flood Light	397.91	94.18
26 56 36 00-0068	EA	100 Watt High Pressure Sodium TFM Series Lithonia Flood Light	429.94	94.18
26 56 36 00-0069	EA	150 Watt High Pressure Sodium TFM Series Lithonia Flood Light	461.31	94.18
26 56 36 00-0070		Metal Halide TFM Series Lithonia Flood Lights *(26 56 36 00-0065)*		
26 56 36 00-0071	EA	50 Watt Metal Halide TFM Series Lithonia Flood Light	500.45	94.18
26 56 36 00-0072	EA	70 Watt Metal Halide TFM Series Lithonia Flood Light	492.74	94.18
26 56 36 00-0073	EA	100 Watt Metal Halide TFM Series Lithonia Flood Light	480.31	94.18
26 56 36 00-0074	EA	175 Watt Metal Halide TFM Series Lithonia Flood Light	479.39	94.18
26 56 36 00-0075		Compact Fluorescent TFM Series Lithonia Flood Lights *(26 56 36 00-0065)*		
26 56 36 00-0076	EA	42 Watt Compact Fluorescent TFM Series Lithonia Flood Light	497.26	94.18
26 56 36 00-0077		TFL (Medium Size) Series Lithonia Flood Lights *(26 56 36 00-0064)*		
		Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0078		High Pressure Sodium TFL Series Lithonia Flood Lights *(26 56 36 00-0077)*		
26 56 36 00-0079	EA	250 Watt High Pressure Sodium TFL Series Lithonia Flood Light	588.38	105.95
26 56 36 00-0080	EA	400 Watt High Pressure Sodium TFL Series Lithonia Flood Light	599.06	105.95
26 56 36 00-0081		Metal Halide TFL Series Lithonia Flood Lights *(26 56 36 00-0077)*		
26 56 36 00-0082	EA	175 Watt Metal Halide TFL Series Lithonia Flood Light	564.37	105.95
26 56 36 00-0083	EA	250 Watt Metal Halide TFL Series Lithonia Flood Light	564.37	105.95
26 56 36 00-0084	EA	400 Watt Metal Halide TFL Series Lithonia Flood Light	581.12	105.95

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 36 00-0085		TFR (Low Profile) Series Lithonia Flood Lights *(26 56 36 00-0064)* Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0086		High Pressure Sodium TFR Lithonia Flood Lights *(26 56 36 00-0085)*		
26 56 36 00-0087	EA	150 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	559.50	94.18
26 56 36 00-0088	EA	250 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	575.49	94.18
26 56 36 00-0089	EA	400 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	588.85	94.18
26 56 36 00-0090		Metal Halide TFR Lithonia Flood Lights *(26 56 36 00-0085)*		
26 56 36 00-0091	EA	250 Watt Metal Halide TFR Series Lithonia Flood Light	554.15	94.18
26 56 36 00-0092	EA	400 Watt Metal Halide TFR Series Lithonia Flood Light	570.16	94.18
26 56 36 00-0093		TFA (Large Size) Series Lithonia Flood Lights *(26 56 36 00-0064)* Note: For industrial yards, parking lots, construction sites, streets and recreational areas. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0094		High Pressure Sodium TFA Series Lithonia Flood Lights *(26 56 36 00-0093)*		
26 56 36 00-0095	EA	1000 Watt High Pressure Sodium TFA Series Lithonia Flood Light	1,049.68	117.72
26 56 36 00-0096		Metal Halide TFA Series Lithonia Flood Lights *(26 56 36 00-0093)*		
26 56 36 00-0097	EA	400 Watt Metal Halide TFA Series Lithonia Flood Light	822.75	117.72
26 56 36 00-0098	EA	1000 Watt Metal Halide TFA Series Lithonia Flood Light	902.84	117.72
26 56 36 00-0099		Accessories For Contour Series Lithonia Flood Lights *(26 56 36 00-0064)*		
26 56 36 00-0100	EA	Wireguard For Contour Series Lithonia Flood Light	97.42	23.54
26 56 36 00-0101	EA	Vandal Guard For Contour Series Lithonia Flood Light	176.03	23.54
26 56 36 00-0102	EA	Upper Visor For Contour Series Lithonia Flood Light	82.58	23.54
26 56 36 00-0103	EA	Full Visor For Contour Series Lithonia Flood Light	106.60	23.54
26 56 36 00-0104	EA	Pipe Wall Mounting Bracket For Contour Series Lithonia Flood Light	248.03	70.64
26 56 36 00-0105	EA	Radius Wall Bracket For Contour Series Lithonia Flood Light	205.52	70.64
26 56 36 00-0106	EA	Steel Angle Bracket For Contour Series Lithonia Flood Light	205.52	70.64
26 56 36 00-0107	EA	U Bolt Wall Bracket For Contour Series Lithonia Flood Light, Mounts To 2" Pipe	222.48	70.64
26 56 36 00-0108	EA	Crossarm Adapter For Horizontal Mounted Contour Lithonia Series Flood Light	93.77	23.54
26 56 36 00-0109	EA	120/240V, 277V NEMA Twistlock Photocontrol For Contour Lithonia Series Flood Light	77.48	23.54
26 56 36 00-0110		Ruud Flood Lights *(26 56 36)*		
26 56 36 00-0111		NS (Micro) Series Ruud Flood Lights *(26 56 36 00-0110)* Note: Provides conventional floodlighting. 1/2" threaded mounting knuckle.		
26 56 36 00-0112		High Pressure Sodium NS Series Ruud Flood Lights *(26 56 36 00-0111)*		
26 56 36 00-0113	EA	35 Watt High Pressure Sodium NS Series Ruud Flood Light	266.63	70.64
26 56 36 00-0114	EA	50 Watt High Pressure Sodium NS Series Ruud Flood Light	266.63	70.64
26 56 36 00-0115	EA	70 Watt High Pressure Sodium NS Series Ruud Flood Light	266.63	70.64
26 56 36 00-0116	EA	100 Watt High Pressure Sodium NS Series Ruud Flood Light	266.63	70.64
26 56 36 00-0117	EA	150 Watt High Pressure Sodium NS Series Ruud Flood Light	266.63	70.64
26 56 36 00-0118		Metal Halide NS Series Ruud Flood Lights *(26 56 36 00-0111)*		
26 56 36 00-0119	EA	50 Watt Metal Halide NS Series Ruud Flood Light	297.70	70.64
26 56 36 00-0120	EA	70 Watt Metal Halide NS Series Ruud Flood Light	297.70	70.64
26 56 36 00-0121	EA	100 Watt Metal Halide NS Series Ruud Flood Light	297.70	70.64
26 56 36 00-0122		Compact Fluorescent NS Series Ruud Flood Lights *(26 56 36 00-0111)*		
26 56 36 00-0123	EA	13 Watt Compact Fluorescent NS Series Ruud Flood Light	234.46	70.64
26 56 36 00-0124	EA	26 Watt Compact Fluorescent NS Series Ruud Flood Light	242.22	70.64
26 56 36 00-0125	EA	32 Watt Compact Fluorescent NS Series Ruud Flood Light	244.44	70.64
26 56 36 00-0126	EA	42 Watt Compact Fluorescent NS Series Ruud Flood Light	246.66	70.64
26 56 36 00-0127		NSF/NSW/NSC (Standard, Wide And Cutoff Micro) Series Ruud Flood Lights *(26 56 36 00-0110)* Note: The NSF is suited for large open areas and façade applications. The NSW is suited for roadway applications, parking areas or security. The NSC is designed for parking lot and outdoor sports areas. Yoke or slip fitter mounting.		
26 56 36 00-0128		High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Lights *(26 56 36 00-0127)*		
26 56 36 00-0129	EA	150 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	409.39	105.95
26 56 36 00-0130	EA	250 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	429.36	105.95
26 56 36 00-0131	EA	400 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	440.46	105.95
26 56 36 00-0132		Metal Halide NSF/NSW/NSC Series Ruud Flood Lights *(26 56 36 00-0127)*		
26 56 36 00-0133	EA	175 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	404.95	105.95
26 56 36 00-0134	EA	250 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	407.17	105.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 36 00-0135	EA	400 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	413.83	105.95
26 56 36 00-0136		**Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Lights** *(26 56 36 00-0127)*		
26 56 36 00-0137	EA	70 Watt Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Light	397.19	105.95
26 56 36 00-0138		**FS (Square) Series Ruud Flood Lights** *(26 56 36 00-0110)*		
		Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
26 56 36 00-0139		**High Pressure Sodium FS Series Ruud Flood Lights** *(26 56 36 00-0138)*		
26 56 36 00-0140	EA	250 Watt High Pressure Sodium FS Series Ruud Flood Light	468.19	105.95
26 56 36 00-0141	EA	400 Watt High Pressure Sodium FS Series Ruud Flood Light	470.41	105.95
26 56 36 00-0142	EA	1000 Watt High Pressure Sodium FS Series Ruud Flood Light	762.45	117.72
26 56 36 00-0143		**Metal Halide FS Series Ruud Flood Lights** *(26 56 36 00-0138)*		
26 56 36 00-0144	EA	175 Watt Metal Halide FS Series Ruud Flood Light	468.19	105.95
26 56 36 00-0145	EA	250 Watt Metal Halide FS Series Ruud Flood Light	470.41	105.95
26 56 36 00-0146	EA	400 Watt Metal Halide FS Series Ruud Flood Light	477.07	105.95
26 56 36 00-0147	EA	1000 Watt Metal Halide FS Series Ruud Flood Light	689.23	117.72
26 56 36 00-0148		**MFS (Mini Square) Series Ruud Flood Lights** *(26 56 36 00-0110)*		
		Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
26 56 36 00-0149		**High Pressure Sodium MFS Series Ruud Flood Lights** *(26 56 36 00-0148)*		
26 56 36 00-0150	EA	35 Watt High Pressure Sodium MFS Series Ruud Flood Light	373.64	94.18
26 56 36 00-0151	EA	50 Watt High Pressure Sodium MFS Series Ruud Flood Light	396.94	94.18
26 56 36 00-0152	EA	70 Watt High Pressure Sodium MFS Series Ruud Flood Light	396.94	94.18
26 56 36 00-0153	EA	100 Watt High Pressure Sodium MFS Series Ruud Flood Light	396.94	94.18
26 56 36 00-0154	EA	150 Watt High Pressure Sodium MFS Series Ruud Flood Light	396.94	94.18
26 56 36 00-0155		**Metal Halide MFS Series Ruud Flood Lights** *(26 56 36 00-0148)*		
26 56 36 00-0156	EA	50 Watt Metal Halide MFS Series Ruud Flood Light	404.70	94.18
26 56 36 00-0157	EA	70 Watt Metal Halide MFS Series Ruud Flood Light	404.70	94.18
26 56 36 00-0158	EA	100 Watt Metal Halide MFS Series Ruud Flood Light	404.70	94.18
26 56 36 00-0159	EA	175 Watt Metal Halide MFS Series Ruud Flood Light	392.50	94.18
26 56 36 00-0160		**MCF/MPM/MPN (Mini Cutoff. Parabolic Medium And Narrow Mini Square) Series Ruud Flood Lights** *(26 56 36 00-0110)*		
		Note: The MCF is suited for parking lots, volleyball courts and tennis courts. The MPM and MPN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 56 36 00-0161		**High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Lights** *(26 56 36 00-0160)*		
26 56 36 00-0162	EA	35 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	401.37	94.18
26 56 36 00-0163	EA	50 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	424.67	94.18
26 56 36 00-0164	EA	70 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	424.67	94.18
26 56 36 00-0165	EA	100 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	424.67	94.18
26 56 36 00-0166	EA	150 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	424.67	94.18
26 56 36 00-0167		**Metal Halide MCF/MPM/MPN Series Ruud Flood Lights** *(26 56 36 00-0160)*		
26 56 36 00-0168	EA	50 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	432.44	94.18
26 56 36 00-0169	EA	70 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	432.44	94.18
26 56 36 00-0170	EA	100 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	432.44	94.18
26 56 36 00-0171	EA	175 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	420.24	94.18
26 56 36 00-0172		**CF (Cutoff Square) Series Ruud Flood Lights** *(26 56 36 00-0110)*		
		Note: The CF is suited for parking lots, volleyball courts and tennis courts. Yoke or slip fitter mounting.		
26 56 36 00-0173		**High Pressure Sodium CF Series Ruud Flood Lights** *(26 56 36 00-0172)*		
26 56 36 00-0174	EA	250 Watt High Pressure Sodium CF Series Ruud Flood Light	520.34	105.95
26 56 36 00-0175	EA	400 Watt High Pressure Sodium CF Series Ruud Flood Light	531.44	105.95
26 56 36 00-0176	EA	1000 Watt High Pressure Sodium CF Series Ruud Flood Light	790.19	117.72
26 56 36 00-0177		**Metal Halide CF Series Ruud Flood Lights** *(26 56 36 00-0172)*		
26 56 36 00-0178	EA	175 Watt Metal Halide CF Series Ruud Flood Light	495.93	105.95
26 56 36 00-0179	EA	250 Watt Metal Halide CF Series Ruud Flood Light	498.15	105.95
26 56 36 00-0180	EA	400 Watt Metal Halide CF Series Ruud Flood Light	504.81	105.95
26 56 36 00-0181	EA	1000 Watt Metal Halide CF Series Ruud Flood Light	716.96	117.72
26 56 36 00-0182		**CN (Narrow Beam Cutoff Square) Series Ruud Flood Lights** *(26 56 36 00-0110)*		
		Note: The CN is suited for large sports fields, building facades and signs. Yoke or slip fitter mounting.		
26 56 36 00-0183		**High Pressure Sodium CN Series Ruud Flood Lights** *(26 56 36 00-0182)*		
26 56 36 00-0184	EA	400 High Pressure Sodium CN Series Ruud Flood Light	661.49	117.72
26 56 36 00-0185	EA	1000 High Pressure Sodium CN Series Ruud Flood Light	776.88	117.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 36 00-0186		Metal Halide CN Series Ruud Flood Lights *(26 56 36 00-0182)*		
26 56 36 00-0187	EA	400 Watt Metal Halide CN Series Ruud Flood Light	634.86	117.72
26 56 36 00-0188	EA	1000 Watt Metal Halide CN Series Ruud Flood Light	703.65	117.72
26 56 36 00-0189		PM/PN (Parabolic Medium And Narrow Square) Series Ruud Flood Lights *(26 56 36 00-0110)*		
		Note: The PM and PN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 56 36 00-0190		High Pressure Sodium PM/PN Series Ruud Flood Lights *(26 56 36 00-0189)*		
26 56 36 00-0191	EA	250 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	535.87	105.95
26 56 36 00-0192	EA	400 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	546.97	105.95
26 56 36 00-0193		Metal Halide PM/PN Series Ruud Flood Lights *(26 56 36 00-0189)*		
26 56 36 00-0194	EA	175 Watt Metal Halide PM/PN Series Ruud Flood Light	511.46	105.95
26 56 36 00-0195	EA	250 Watt Metal Halide PM/PN Series Ruud Flood Light	513.68	105.95
26 56 36 00-0196	EA	400 Watt Metal Halide PM/PN Series Ruud Flood Light	520.34	105.95
26 56 36 00-0197	EA	1000 Watt Metal Halide PM/PN Series Ruud Flood Light	732.50	117.72
26 56 36 00-0198		Accessories For Ruud Flood Lighting *(26 56 36 00-0110)*		
26 56 36 00-0199	EA	Wireguard For Rudd Flood Light	63.72	23.54
26 56 36 00-0200	EA	Deep Baffle (Full Visor) For Rudd Flood Light	93.68	23.54
26 56 36 00-0201	EA	Glare Guard (Upper Visor) For Rudd Flood Light	71.49	23.54
26 56 36 00-0202	EA	Vandal Shield For Rudd Flood Light	82.58	23.54
26 56 36 00-0203	EA	Pipe Mounting Bracket For Ruud Flood Light	178.98	70.64
26 56 36 00-0204	EA	120/240V, 277V NEMA Twistlock Photocontrol For Ruud Flood Light	57.07	23.54
26 56 36 00-0205		Lumark Flood Lights *(26 56 36)*		
26 56 36 00-0206		QZ Wedge Series Quartz Lumark Flood Lights *(26 56 36 00-0205)*		
		Note: For small outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 56 36 00-0207	EA	500 Watt QZ Wedge Series Quartz Lumark Flood Light	163.95	70.64
26 56 36 00-0208		LQL Series Quartz Lumark Flood Lights *(26 56 36 00-0205)*		
		Note: For medium size outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 56 36 00-0209	EA	1500 Watt LQL Series Quartz Lumark Flood Light	196.68	70.64
26 56 36 00-0210		Kim Lighting *(26 56 36)*		
26 56 36 00-0211		MicroFlood® Series Kim Lighting Flood Lights *(26 56 36 00-0210)*		
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 56 36 00-0212		LED MicroFlood® Series Kim Lighting Flood Lights *(26 56 36 00-0211)*		
26 56 36 00-0213	EA	5 Watt LED MicroFlood® Series Kim Lighting Flood Light	276.20	28.90
26 56 36 00-0214	EA	15 Watt LED MicroFlood® Series Kim Lighting Flood Light	337.76	28.90
26 56 36 00-0215		Scarab® Series Kim Lighting Flood Lights *(26 56 36 00-0210)*		
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 56 36 00-0216		LED Scarab® Series Kim Lighting Accent Flood Lights *(26 56 36 00-0215)*		
		Note: Spot or narrow style accent flood lights.		
26 56 36 00-0217	EA	6 Watt LED Scarab® Series Kim Lighting Accent Flood Light	413.47	28.90
26 56 36 00-0218		CREE® BetaLED® Flood Lights *(26 56 36)*		
26 56 36 00-0219		Yoke Mount, Square, LED Flood Lights (CREE® BetaLED® FLD-304) *(26 56 36 00-0218)*		
		Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 36 00-0220	EA	40 LEDs, 47 System Watts, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304)	897.59	84.24
26 56 36 00-0221	EA	60 LEDs, 68 System Watts, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304)	985.74	88.92
26 56 36 00-0222		Adjustable Arm Mount, Rectangular, LED Flood Lights (CREE® BetaLED® Edge® FLD-EDG) *(26 56 36 00-0218)*		
		Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 36 00-0223	EA	20 LEDs, 26 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	778.86	79.55
		For 480 V, Add	*71.74*	
26 56 36 00-0224	EA	40 LEDs, 47 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	984.61	84.24
		For 480 V, Add	*71.74*	
26 56 36 00-0225	EA	60 LEDs, 68 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,189.19	88.92
		For 480 V, Add	*71.74*	
26 56 36 00-0226	EA	80 LEDs, 90 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,473.73	93.60
		For 480 V, Add	*71.74*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 36 00-0227		EA	100 LEDs, 111 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,678.32	98.27
			For 480 V, Add	*71.74*	
26 56 36 00-0228		EA	120 LEDs, 132 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,884.06	102.95
			For 480 V, Add	*71.74*	
26 56 36 00-0229		EA	140 LEDs, 157 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,152.14	107.64
			For 480 V, Add	*71.74*	
26 56 36 00-0230		EA	160 LEDs, 179 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,357.89	112.32
			For 480 V, Add	*71.74*	
26 56 36 00-0231		EA	200 LEDs, 221 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,768.22	121.67
			For 480 V, Add	*71.74*	
26 56 36 00-0232		EA	240 LEDs, 264 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	3,169.19	126.36
			For 480 V, Add	*71.74*	

26 56 36 00-0233 Adjustable Arm Mount, Round, LED Flood Lights (CREE® BetaLED® Edge® FLD-EDR) *(26 56 36 00-0218)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 36 00-0234		EA	40 LEDs, 47 System Watts, Adjustable Arm Mount, Round, LED Flood Light (CREE® BetaLED® Edge® FLD-EDR)	1,125.73	84.24
			For 480 V, Add	*71.74*	
26 56 36 00-0235		EA	60 LEDs, 68 System Watts, Adjustable Arm Mount, Round, LED Flood Light (CREE® BetaLED® Edge® FLD-EDR)	1,330.31	88.92
			For 480 V, Add	*71.74*	
26 56 36 00-0236		EA	80 LEDs, 90 System Watts, Adjustable Arm Mount, Round, LED Flood Light (CREE® BetaLED® Edge® FLD-EDR)	1,466.68	93.60
			For 480 V, Add	*71.74*	
26 56 36 00-0237		EA	100 LEDs, 111 System Watts, Adjustable Arm Mount, Round, LED Flood Light (CREE® BetaLED® Edge® FLD-EDR)	1,741.82	98.27
			For 480 V, Add	*71.74*	
26 56 36 00-0238		EA	120 LEDs, 132 System Watts, Adjustable Arm Mount, Round, LED Flood Light (CREE® BetaLED® Edge® FLD-EDR)	1,946.39	102.95
			For 480 V, Add	*71.74*	

26 56 36 00-0239 Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® Edge® FLD-EHO) *(26 56 36 00-0218)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 36 00-0240		EA	120 LEDs, 279 System Watts, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO)	1,947.57	102.95
			For 480 V, Add	*71.74*	
26 56 36 00-0241		EA	240 LEDs, 557 System Watts, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO)	2,964.57	126.36
			For 480 V, Add	*71.74*	

26 56 39 Hazardous Location Flood Lights *(26 56)*

Note: For general to heavy industrial applications in marine and corrosive environments. Class 1 Division 2.

26 56 39 00-0001 Lithonia Hazardous Location Flood Lights *(26 56 39)*

26 56 39 00-0002 HFR (Horizontally Oriented Mogul Base) Series Hazardous Location Flood Lights *(26 56 39 00-0001)*

Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.

26 56 39 00-0003 High Pressure Sodium HFR Series Hazardous Location Flood Lights *(26 56 39 00-0002)*

26 56 39 00-0004		EA	150 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	554.83	94.18
26 56 39 00-0005		EA	250 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	589.22	94.18
26 56 39 00-0006		EA	400 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	555.94	94.18

26 56 39 00-0007 Metal Halide HFR Series Lithonia Hazardous Location Flood Lights *(26 56 39 00-0002)*

26 56 39 00-0008		EA	250 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	585.55	94.18
26 56 39 00-0009		EA	400 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	569.25	94.18

26 56 39 00-0010 HFM (Medium Base) Series Hazardous Location Flood Lights *(26 56 39 00-0001)*

Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.

26 56 39 00-0011 High Pressure Sodium HFM Series Lithonia Hazardous Location Flood Lights *(26 56 39 00-0010)*

26 56 39 00-0012		EA	100 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	531.19	94.18
26 56 39 00-0013		EA	150 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	551.71	94.18

26 56 39 00-0014 Metal Halide HFM Series Lithonia Hazardous Location Flood Lights *(26 56 39 00-0010)*

26 56 39 00-0015		EA	175 Watt Metal Halide HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	475.71	94.18

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 39 00-0016		HFA (Large) Series Hazardous Location Flood Lights *(26 56 39 00-0001)* Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 56 39 00-0017		High Pressure Sodium HFA Series Lithonia Hazardous Location Flood Lights *(26 56 39 00-0016)*		
26 56 39 00-0018	EA	250 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	742.48	117.72
26 56 39 00-0019	EA	400 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	752.47	117.72
26 56 39 00-0020		Metal Halide HFA Series Lithonia Hazardous Location Flood Lights *(26 56 39 00-0016)*		
26 56 39 00-0021	EA	250 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	739.15	117.72
26 56 39 00-0022	EA	400 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	752.47	117.72
26 56 39 00-0023		HFL (Medium) Series Hazardous Location Flood Lights *(26 56 39 00-0001)* Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 56 39 00-0024		High Pressure Sodium HFL Series Lithonia Hazardous Location Flood Lights *(26 56 39 00-0023)*		
26 56 39 00-0025	EA	400 Watt High Pressure Sodium HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	561.39	105.95
26 56 39 00-0026		Metal Halide HFL Series Lithonia Hazardous Location Flood Lights *(26 56 39 00-0023)*		
26 56 39 00-0027	EA	400 Watt Metal Halide HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	600.22	105.95
26 56 39 00-0028		Accessories For Lithonia Hazardous Location Flood Lights *(26 56 39 00-0001)* See CSI section 26 56 36 00-0099 for accessories.		
26 56 43		**High Performance Flood Lights** *(26 56)* Note: For airport aprons and parking areas.		
26 56 43 00-0001		Lithonia High Performance Flood Lights *(26 56 43)*		
26 56 43 00-0002		170S Series Lithonia High Performance Flood Lights *(26 56 43 00-0001)* Note: Die-cast aluminum housing welded seams, stainless steel hardware, corrosion resistant polyester powder finish, and thermal and shock resistant flat lens.		
26 56 43 00-0003		High Pressure Sodium 170S Series Lithonia High Performance Flood Lights *(26 56 43 00-0002)*		
26 56 43 00-0004	EA	250 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,246.68	141.26
26 56 43 00-0005	EA	400 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,337.65	141.26
26 56 43 00-0006	EA	750 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,342.09	141.26
26 56 43 00-0007	EA	1000 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,480.78	141.26
26 56 43 00-0008		Metal Halide 170S Series Lithonia High Performance Flood Lights *(26 56 43 00-0002)*		
26 56 43 00-0009	EA	320 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,423.09	141.26
26 56 43 00-0010	EA	350 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,361.56	141.26
26 56 43 00-0011	EA	400 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,303.26	141.26
26 56 43 00-0012	EA	1000 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,360.95	141.26
26 56 43 00-0013		Accessories For Lithonia High Performance Flood Lights *(26 56 43 00-0002)* See CSI section 26 56 36 00-0099 for accessories.		

END OF SECTION 26

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 Communications

Note: Termination costs are included with all communication equipment, panel boards, and devices. Terminations are not included with patch panels where the number of terminations is not known.

27 05 Common Work Results for Communications *(27)*

27 05 26 Grounding and Bonding for Communications Systems *(27 05)*

27 05 26 00-0001	EA	Lucent 489ACA1-025, 25 Pair Protector Panel, Including Terminations	556.10	84.40
27 05 26 00-0002	EA	Lucent 489ACA1-050, 50 Pair Protector Panel, Including Terminations	718.57	112.56
27 05 26 00-0003	EA	Lucent 489ACA1-100, 100 Pair Protector Panel, Including Terminations	1,065.18	168.80
27 05 26 00-0004	EA	Lucent 3B1-EW, Gas Tube Protector Unit	6.74	1.23
27 05 26 00-0005	EA	ITE #ECGK Copper Ground Bus Bar	64.79	22.30
27 05 26 00-0006	EA	2" x 1/4" x 12", TGB Pattern, Grounding Bus Bar	152.86	22.30
27 05 26 00-0007	EA	4" x 1/4" x 12", TMGB Pattern, Grounding Bus Bar	180.78	22.30
27 05 26 00-0008	EA	#6 AWG, Cable Runway Ground Strap	43.31	4.13
27 05 26 00-0009	EA	1/4" Screw Size, #6 AWG Compression Lug	15.87	4.13
27 05 26 00-0010	EA	3/8" Screw Size, #6 AWG Compression Lug	16.79	4.13
27 05 26 00-0011	EA	Two Mounting Hole, Ground Terminal Block	18.34	4.13

27 05 29 Hangers And Supports For Communications Systems *(27 05)*

See CSI section 26 05 29 00-0000 for hangers and supports.

27 05 33 Conduits And Backboxes For Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for conduit and boxes.

27 05 36 Cable Trays For Communications Systems *(27 05)*

See CSI section 26 05 36 00-0000 for cable trays.

27 05 39 Surface Raceways For Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for surface raceways.

27 10 Structured Cabling *(27)*

27 11 Communications Equipment Room Fittings *(27 10)*

27 11 16 Communications Cabinets, Racks, Frames, And Enclosures *(27 11)*

27 11 16 00-0001 3/4" Fire Retardant Plywood Backboards *(27 11 16)*

27 11 16 00-0002	EA	4' x 4' x 3/4" Fire Retardant Plywood Phone Backboard	63.02	21.44
27 11 16 00-0003	EA	4' x 8' x 3/4" Fire Retardant Plywood Phone Backboard	126.04	42.88

27 11 16 00-0004 Terminal Cabinets *(27 11 16)*

27 11 16 00-0005	EA	12" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	221.49	61.83
27 11 16 00-0006	EA	18" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	275.79	68.01
27 11 16 00-0007	EA	24" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	317.35	78.33
27 11 16 00-0008	EA	18" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	329.16	80.38
27 11 16 00-0009	EA	24" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	396.19	82.45
27 11 16 00-0010	EA	26" x 36" x 4" Phone Terminal Cabinet With Wood Backboard	486.77	92.75
27 11 16 00-0011	EA	24" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	496.62	90.69
27 11 16 00-0012	EA	30" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	642.89	129.19
27 11 16 00-0013	EA	36" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	689.25	141.97
27 11 16 00-0014	EA	42" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	824.12	149.97
27 11 16 00-0015	EA	30" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	680.58	123.67
27 11 16 00-0016	EA	36" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	736.12	133.97
27 11 16 00-0017	EA	48" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	919.62	171.74
27 11 16 00-0018	EA	54" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,107.65	214.68
27 11 16 00-0019	EA	48" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	1,243.62	212.30
27 11 16 00-0020	EA	60" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	1,434.18	258.30
27 11 16 00-0021	EA	19" x 84" Equipment Rack With Base And Two Sides	1,609.12	206.11

27 11 16 00-0022 Racks *(27 11 16)*

27 11 16 00-0023	EA	19" x 84" Equipment Rack, Modular Networking Frame	257.45	41.22

27 11 19 Communications Termination Blocks And Patch Panels *(27 11)*

Note: The terminating, testing, and labeling of the cables in question should be done according to the task description as well as the current contract specifications. See CSI section 27 14 43 00-0073 for labeling.

27 11 19 00-0001 Computer Network Components *(27 11 19)*

27 11 19 00-0002 Ethernet Patch Panels *(27 11 19 00-0001)*

27 11 19 00-0003	EA	Terminate One End Of A 4 Pair Cable To Category V Specifications, 1 To 5 Cables	29.22	
27 11 19 00-0004	EA	Terminate One End Of A 4 Pair Cable To Category V Specifications, 6 To 10 Cables	24.34	
27 11 19 00-0005	EA	Terminate One End Of A 4 Pair Cable To Category V Specifications, >10 Cables	14.60	
27 11 19 00-0006	EA	12 Port, Category 5E Patch Panel	169.45	41.22
27 11 19 00-0007	EA	24 Port, Category 5E Patch Panel	243.68	41.22
27 11 19 00-0008	EA	32 Port, Category 5E Patch Panel	313.91	41.22
27 11 19 00-0009	EA	48 Port, Category 5E Patch Panel	379.36	41.22
27 11 19 00-0010	EA	64 Port, Category 5E Patch Panel	507.39	51.53
27 11 19 00-0011	EA	96 Port, Category 5E Patch Panel	695.15	61.83
27 11 19 00-0012	EA	12 Port, Category 6 Patch Panel	202.17	41.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0013	EA	24 Port, Category 6 Patch Panel	248.47	41.22
27 11 19 00-0014	EA	48 Port, Category 6 Patch Panel	414.48	41.22
27 11 19 00-0015	EA	96 Port, Category 6 Patch Panel	762.19	61.83
27 11 19 00-0016	EA	Up To 10 Connections At Patch Panel Per Termination Note: Includes testing port.	7.55	
27 11 19 00-0017	EA	>10 To 25 Connections At Patch Panel Per Termination Note: Includes testing port.	5.39	
27 11 19 00-0018	EA	>25 To 50 Connections At Patch Panel Per Termination Note: Includes testing port.	3.96	
27 11 19 00-0019	EA	>50 Connections At Patch Panel Per Termination Note: Includes testing port.	3.24	
27 11 19 00-0020		Fiber Optic Cable Patch Panels And Enclosures *(27 11 19 00-0001)*		
27 11 19 00-0021		Fiber Optic Cable Connector Housings *(27 11 19 00-0020)*		
27 11 19 00-0022		Wall Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0021)* Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0047 for connector panels.		
27 11 19 00-0023	EA	1-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	74.83	18.55
27 11 19 00-0024	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	102.65	18.55
27 11 19 00-0025	EA	4-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	160.02	18.55
27 11 19 00-0026	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	260.84	30.92
27 11 19 00-0027	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	354.49	30.92
27 11 19 00-0028		Rack Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0021)* Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0047 for connector panels.		
27 11 19 00-0029	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	291.94	30.92
27 11 19 00-0030	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	330.09	30.92
27 11 19 00-0031	EA	6-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	363.72	30.92
27 11 19 00-0032	EA	9-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	400.97	30.92
27 11 19 00-0033	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	420.19	30.92
27 11 19 00-0034	EA	15-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	446.35	30.92
27 11 19 00-0035		Rack Mount, Fiber Optic Cable Pretium Connector Housings *(27 11 19 00-0021)* Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0047 for connector panels.		
27 11 19 00-0036	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Connector Housing	350.29	30.92
		For Splice Tray Bracket, Add	*38.57*	
27 11 19 00-0037	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Connector Housing	476.46	30.92
		For Splice Tray Bracket, Add	*42.17*	
27 11 19 00-0038	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Connector Housing	508.68	30.92
		For Splice Tray Bracket, Add	*153.65*	
27 11 19 00-0039		Wall Mount, Fiber Optic Cable Industrial Connector Housings *(27 11 19 00-0021)* Note: Includes powder-coat finish, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0047 for connector panels.		
27 11 19 00-0040	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	399.49	18.55
27 11 19 00-0041	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	600.24	30.92
27 11 19 00-0042	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	581.13	30.92
27 11 19 00-0043		Wall Mount, Fiber Optic Cable Environmental Connector Housings *(27 11 19 00-0021)* Note: Includes NEMA 4X enclosure, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0047 for connector panels.		
27 11 19 00-0044	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	418.07	18.55
27 11 19 00-0045	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	471.55	30.92
27 11 19 00-0046	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	583.29	30.92
27 11 19 00-0047		Fiber Optic Cable Connector Panels *(27 11 19 00-0020)*		
27 11 19 00-0048		SC Simplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0047)*		
27 11 19 00-0049	EA	6-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	41.24	4.12
27 11 19 00-0050	EA	6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	54.19	4.12
27 11 19 00-0051	EA	8-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	48.92	4.12
27 11 19 00-0052	EA	8-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	66.20	4.12
27 11 19 00-0053	EA	12-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	64.30	4.12
27 11 19 00-0054	EA	12-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	90.22	4.12
27 11 19 00-0055		SC Duplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0047)*		
27 11 19 00-0056	EA	6-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	38.05	4.12
27 11 19 00-0057	EA	6-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	49.19	4.12
27 11 19 00-0058	EA	8-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	44.69	4.12
27 11 19 00-0059	EA	8-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	59.51	4.12
27 11 19 00-0060	EA	12-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	57.95	4.12
27 11 19 00-0061	EA	12-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	80.20	4.12
27 11 19 00-0062		LC Duplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0047)*		
27 11 19 00-0063	EA	12-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	76.04	4.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0064	EA	12-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	94.93	4.12
27 11 19 00-0065	EA	24-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	192.86	4.12
27 11 19 00-0066		ST Simplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0047)*		
27 11 19 00-0067	EA	6-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	32.60	4.12
27 11 19 00-0068	EA	6-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	37.97	4.12
27 11 19 00-0069	EA	8-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	37.32	4.12
27 11 19 00-0070	EA	8-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	44.50	4.12
27 11 19 00-0071	EA	12-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	46.76	4.12
27 11 19 00-0072	EA	12-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	57.53	4.12
27 11 19 00-0073		MT-RJ, Fiber Optic Cable Connector Panels *(27 11 19 00-0047)*		
27 11 19 00-0074	EA	12-Fiber, Multimode, MT-RJ, Fiber Optic Cable Connector Panel	45.25	4.12
27 11 19 00-0075	EA	12-Fiber, Singlemode, MT-RJ, Fiber Optic Cable Connector Panel	73.59	4.12
27 11 19 00-0076		Fiber Optic Cable Splice Housings *(27 11 19 00-0020)*		
27 11 19 00-0077		Wall Mount, Fiber Optic Cable Splice Housings *(27 11 19 00-0076)*		
		Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0078	EA	12 Splice Tray Capacity, Wall Mount, Fiber Optic Splice Housing With Locking Door	211.22	41.22
27 11 19 00-0079		Rack Mount, Fiber Optic Cable Splice Housings *(27 11 19 00-0076)*		
		Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0080	EA	12 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing	300.69	30.92
27 11 19 00-0081	EA	22 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing	313.02	30.92
27 11 19 00-0082		Fiber Optic Cable Splice Trays *(27 11 19 00-0076)*		
27 11 19 00-0083	EA	Fiber Optic Cable Splice Tray	60.01	10.30
27 11 19 00-0084		Fiber Optic Cable Jumper Management Panels *(27 11 19 00-0020)*		
		Note: Includes mounting hardware.		
27 11 19 00-0085	EA	Rack Mount, Fiber Optic Cable Jumper Management Panel	119.40	30.92
27 11 19 00-0086		Miscellaneous Accessories *(27 11 19 00-0001)*		
27 11 19 00-0087	EA	Wall Mount Bracket For 12 Or 24 Port Patch Panel	43.96	
27 11 19 00-0088	EA	Wall Mount Bracket For 32 Or 48 Port Patch Panel	58.22	
27 11 19 00-0089	EA	Wall Mount Bracket For 64 Or 72 Port Patch Panel	63.79	
27 11 19 00-0090	EA	Wall Mount Bracket For 96 Port Patch Panel	71.19	
27 11 19 00-0091	EA	Lightning Protection Plus Stainless Steel Modules, Siemon	278.16	41.22
27 11 19 00-0092		Telephone Components *(27 11 19)*		
27 11 19 00-0093		Terminal Blocks With Wide Range Of 22-8 AWG *(27 11 19 00-0092)*		
27 11 19 00-0094	EA	Terminal Block, Circuit Isolation Switch With Wire Range 22-8 AWG	22.37	8.26
27 11 19 00-0095	EA	Terminal Block, Fuse Holder 600V/6.3A With Wire Range 22-8 AWG	38.43	8.26
27 11 19 00-0096	EA	Terminal Block, Fuse Holder 600V/10A With Wire Range 22-8 AWG	31.86	8.26
27 11 19 00-0097	EA	Terminal Block, Solderless Box With Lugs And Wire Range 22-8 AWG	17.95	8.26
27 11 19 00-0098	EA	Flat Terminal Block Connection With Wire Range 22-8 AWG	12.78	5.78
27 11 19 00-0099	EA	Ground Terminal Block With Wire Range 22-8 AWG	23.07	8.26
27 11 19 00-0100	EA	Terminal Block, Solderless Box With Lug 600V/60A With Wire Range 22-8 AWG	17.95	8.26
27 11 19 00-0101	EA	Terminal Block, Mini Box Lug 300V/30A With Wire Range 22-8 AWG	12.68	5.78
27 11 19 00-0102	EA	Flat Terminal Block Connection 300V/20A With Wire Range 22-8 AWG	12.61	5.78
27 11 19 00-0103	EA	Self Lifting Terminal Block, 300V/40A Wire Connection With Wire Range 22-12 AWG	12.93	5.78
27 11 19 00-0104		Terminal Block Mounting Channel *(27 11 19 00-0092)*		
27 11 19 00-0105	EA	Terminal Block Mounting Channel, .5 M Galvanized Steel	11.69	4.13
27 11 19 00-0106	EA	Terminal Block Mounting Channel, 1 M Galvanized Steel	14.51	4.13
27 11 19 00-0107	EA	Terminal Block Mounting Channel, 2 M Galvanized Steel	19.39	4.13
27 11 19 00-0108	EA	Terminal Block Mounting Channel, .5 M Bi-Chrome Zinc	14.65	4.96
27 11 19 00-0109	EA	Terminal Block Mounting Channel, 1 M Bi-Chrome Zinc	19.29	4.96
27 11 19 00-0110	EA	Terminal Block Mounting Channel, 2 M Bi-Chrome Zinc	26.79	4.96
27 11 19 00-0111		Outlet Termination Hardware *(27 11 19 00-0092)*		
27 11 19 00-0112	EA	Telephone Outlet Blocks	20.39	4.13
27 11 19 00-0113	EA	Phone Outlet Block For Floor Box	67.70	31.33
		Note: Excludes box.		
27 11 19 00-0114	EA	Fiber Optic "SC" Type Modular Bulkhead	54.51	18.55
27 11 19 00-0115	EA	Fiber Optic "ST" Type Modular Bulkhead	54.51	18.55
27 11 19 00-0116	EA	Type "F" Coaxial Connector Male	32.72	12.37
27 11 19 00-0117	EA	Modular Plate For 3-RJ-45, 4 - "SC" And 1 -"F" Connector	78.21	20.61
27 11 19 00-0118	EA	Modular Plate For 3-RJ-45, 4 - "ST" And 1 -"F" Connector	78.21	20.61
27 11 19 00-0119	EA	Access Floor Box With 3-RJ-45, 4 - "SC" And 1 -"F" Connector	91.99	20.61
27 11 19 00-0120	EA	Access Floor Box With 3-RJ-45, 4 - "ST" And 1 -"F" Connector	91.99	20.61
27 11 19 00-0121	EA	Access Floor Box With 2-RJ-45, 4 - "SC" And 1 -25 Pin Connector	84.74	20.61
27 11 19 00-0122	EA	Terminal Type - Punch Down Block 110 Type - 300 Pair Category 5	693.54	103.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0123	EA	Wiring (Punch Down) Block with Stand-Off Legs, 100 Pair, Category V Note: Excludes cable terminations.	37.33	8.25
27 11 19 00-0124	EA	Connecting Block, 5-Pair	2.33	0.82
27 11 19 00-0125	EA	Connecting Block, 4-Pair	2.28	0.82
27 11 19 00-0126	EA	Plastic Label Holder, Transparent	9.59	2.06
27 11 19 00-0127	EA	Marked Label, White, 5-Pair	2.71	
27 11 19 00-0128	EA	Marked Label, Blue, 4-Pair	2.71	

27 11 19 00-0129 Terminations in Manhole or Junction Box *(27 11 19 00-0092)*

27 11 19 00-0130	EA	25 Pair Cable Termination In Manhole Or Junction Box	143.55	
27 11 19 00-0131	EA	50 Pair Cable Termination In Manhole Or Junction Box	277.03	
27 11 19 00-0132	EA	100 Pair Cable Termination In Manhole Or Junction Box	554.07	
27 11 19 00-0133	EA	150 Pair Cable Termination In Manhole Or Junction Box	831.36	
27 11 19 00-0134	EA	200 Pair Cable Termination In Manhole Or Junction Box	985.82	
27 11 19 00-0135	EA	300 Pair Cable Termination In Manhole Or Junction Box	1,467.89	
27 11 19 00-0136	EA	400 Pair Cable Termination In Manhole Or Junction Box	1,851.74	
27 11 19 00-0137	EA	500 Pair Cable Termination In Manhole Or Junction Box	2,301.32	
27 11 19 00-0138	EA	750 Pair Cable Termination In Manhole Or Junction Box	3,434.00	
27 11 19 00-0139	EA	1000 Pair Cable Termination In Manhole Or Junction Box	4,162.56	
27 11 19 00-0140	EA	1200 Pair Cable Termination In Manhole Or Junction Box	4,733.49	

27 11 23 Communications Cable Management and Ladder Rack *(27 11)*

27 11 23 00-0001 Equipment Hardware, Racks And Patch Panels *(27 11 23)*

27 11 23 00-0002	EA	Wire Management Trough	23.50	4.12
27 11 23 00-0003	EA	19" Width, Horizontal Cable Manager	189.31	27.45
27 11 23 00-0004	EA	3" Channel Width, 84" Height, Vertical Cable Manager	153.47	20.61
27 11 23 00-0005	EA	6" Channel Width, 84" Height, Vertical Cable Manager	253.02	20.61
27 11 23 00-0006	EA	19" x 48" Vertical Cable Management Rack	193.69	41.29
27 11 23 00-0007	EA	19" x 60" Vertical Cable Management Rack	248.02	51.61
27 11 23 00-0008	EA	19" x 72" Vertical Cable Management Rack	301.18	68.13
27 11 23 00-0009	EA	19" x 84" Vertical Cable Management Rack	340.17	82.58
27 11 23 00-0010	EA	2" J-Hooks With Beam Clamps	11.97	2.72
27 11 23 00-0011	LF	Velcro CMP	1.97	0.82
27 11 23 00-0012	EA	12" x 5'-11" Tubular Runway	70.61	19.78
27 11 23 00-0013	EA	12" x 9'-11" Tubular Runway	121.86	32.97
27 11 23 00-0014	EA	Shelf Bracket Support For Tubular Runway	22.45	6.18
27 11 23 00-0015	EA	Straight Clamp Hardware For Tubular Runway	10.33	4.12
27 11 23 00-0016	EA	Corner Clamp Hardware For Tubular Runway	10.85	4.12
27 11 23 00-0017	EA	90 Degree Edge Clamp Hardware For Tubular Runway	23.88	7.42
27 11 23 00-0018	EA	Wall Angle Assembly Hardware For 12" Wide Tubular Runway	49.17	12.37
27 11 23 00-0019	EA	J-Bolt Hardware For Tubular Runway	9.58	1.81
27 11 23 00-0020	EA	T Bracket Hardware For Tubular Runway	26.18	10.30
27 11 23 00-0021	EA	Horizontal Cable Management Panel, Two Rack Space	64.93	10.30
27 11 23 00-0022	EA	Vertical Cable Management Center Panel	84.53	12.37
27 11 23 00-0023	EA	2" Wide Vertical Cable Management Bracket	13.88	4.12

27 14 Communications Cabling *(27 10)*

27 14 13 Communications Copper Cabling *(27 14)*

27 14 13 13 Communications Copper Cable Splicing and Terminations *(27 14 13)*

27 14 13 13-0001 Modular Plugs For Copper Communications Cable *(27 14 13 13)*

27 14 13 13-0002	EA	Modular Plug For Non-Shielded Copper Communications Cable Note: Up to 8-position/8-contact non-shielded modular plug for solid or stranded wire. Includes termination.	18.54
		For >5 To 10, Deduct	*-2.47*
		For >10, Deduct	*-4.94*
27 14 13 13-0003	EA	Modular Plug For Shielded Copper Communications Cable Note: Up to 8-position/8-contact shielded modular plug for solid or stranded wire. Includes termination.	21.03
		For >5 To 10, Deduct	*-2.78*
		For >10, Deduct	*-5.55*

27 14 13 13-0004 Communications Termination Blocks *(27 14 13 13)*

27 14 13 13-0005	EA	100-Pair, 110 Block With Legs	35.62	10.30
27 14 13 13-0006	EA	300-Pair, 110 Block With Legs	55.92	10.30
27 14 13 13-0007	EA	Clear Label Holder For 110 Wiring Block	10.32	4.12
27 14 13 13-0008	EA	4-Pair, 110C Connecting Block	4.75	2.06
27 14 13 13-0009	EA	5-Pair, 110C Connecting Block	4.84	2.06
27 14 13 13-0010	EA	100-Pair, 110 Jack Panel System Note: Includes twelve 8-pin modular jacks and mounting legs.	159.54	12.37
27 14 13 13-0011	EA	300-Pair, 110 Jack Panel System Note: Includes twelve 8-pin modular jacks and mounting legs.	405.99	12.37

27 14 13 13-0012 Testing And Certification Of Copper Communications Cable *(27 14 13 13)*

27 14 13 13-0013	PR	Test 1-Pair Of A Copper Communications Cable For Continuity	4.12	
		For >25-Pair, Deduct	*-1.64*	
27 14 13 13-0014	PR	Certify 1-Pair Of A Copper Communications Cable	6.59	
		For >25-Pair, Deduct	*-2.63*	
27 14 13 13-0015	PR	Certify And Document 1-Pair Of A Copper Communications Cable	9.89	
		For >25-Pair, Deduct	*-3.95*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 13-0016		Building Entrance Terminals *(27 14 13 13)*		
27 14 13 13-0017	EA	25 Pair Gas Protective Unit Assembly Complete With Gas Protector	1,394.18	180.90
27 14 13 13-0018	EA	50 Pair Gas Protective Unit Assembly Complete With Gas Protector	1,896.77	301.49
27 14 13 13-0019	EA	100 Pair Gas Protective Unit Assembly Complete With Gas Protector	2,721.53	482.77
27 14 13 16		**Communications Copper Cabling** ***(27 14 13)***		
27 14 13 16-0001		Copper Communications Cable *(27 14 13 16)*		
27 14 13 16-0002		Indoor Telecommunications Cable *(27 14 13 16-0001)* Note: Telecommunications cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Telecommunications cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. Shielded twisted pair cables (STP) include a metallic foil wrap. Un-shielded twisted pair cables (UTP) exclude any shielding.		
27 14 13 16-0003		Category 3, Indoor Telecommunications Cable *(27 14 13 16-0002)* Note: Un-shielded twisted pair cables (UTP).		
27 14 13 16-0004		Category 3, Indoor Telecommunications Riser Cable *(27 14 13 16-0003)*		
27 14 13 16-0005		24 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 14 13 16-0004)*		
27 14 13 16-0006		24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 14 13 16-0005)*		
27 14 13 16-0007	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	657.40	346.27
27 14 13 16-0008	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	691.56	346.27
27 14 13 16-0009	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	703.51	346.27
27 14 13 16-0010	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	854.28	395.74
27 14 13 16-0011	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,105.35	395.74
27 14 13 16-0012	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,505.03	395.74
27 14 13 16-0013	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	2,424.87	494.67
27 14 13 16-0014	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	4,402.09	791.47
27 14 13 16-0015	MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	5,994.88	890.40
27 14 13 16-0016	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	8,002.71	989.35
27 14 13 16-0017	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	11,716.21	1,385.08
27 14 13 16-0018	MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	15,375.77	1,711.56
27 14 13 16-0019	MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	23,990.66	2,374.42
27 14 13 16-0020	MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	38,836.64	4,748.83
27 14 13 16-0021	MLF	1200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	52,700.48	7,123.26
27 14 13 16-0022		24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 14 13 16-0005)*		
27 14 13 16-0023	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,234.51	692.54
27 14 13 16-0024	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,268.67	692.54
27 14 13 16-0025	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,280.62	692.54
27 14 13 16-0026	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,348.95	692.54
27 14 13 16-0027	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,600.02	692.54
27 14 13 16-0028	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	2,164.59	791.47
27 14 13 16-0029	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	3,249.32	989.35
27 14 13 16-0030	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	5,061.65	1,187.21
27 14 13 16-0031	MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	6,736.89	1,335.61
27 14 13 16-0032	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	8,827.16	1,484.01
27 14 13 16-0033	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	12,870.44	2,077.61
27 14 13 16-0034	MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	16,810.31	2,572.29
27 14 13 16-0035	MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	25,969.34	3,561.62
27 14 13 16-0036	MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	42,794.00	7,123.26
27 14 13 16-0037	MLF	1200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	58,636.53	10,684.89
27 14 13 16-0038		22 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 14 13 16-0004)*		
27 14 13 16-0039		22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 14 13 16-0038)*		
27 14 13 16-0040	MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	2,459.29	395.74
27 14 13 16-0041	MLF	50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,681.45	494.67
27 14 13 16-0042	MLF	100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	6,744.80	791.47
27 14 13 16-0043	MLF	200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	12,060.27	989.35
27 14 13 16-0044	MLF	300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	17,844.56	1,385.08
27 14 13 16-0045	MLF	400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	23,260.94	1,711.56
27 14 13 16-0046	MLF	600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	34,341.75	2,374.42
27 14 13 16-0047		22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 14 13 16-0038)*		
27 14 13 16-0048	MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	3,118.85	791.47
27 14 13 16-0049	MLF	50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,505.90	989.35
27 14 13 16-0050	MLF	100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	7,404.36	1,187.21
27 14 13 16-0051	MLF	200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	12,884.72	1,484.01
27 14 13 16-0052	MLF	300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	18,998.79	2,077.61
27 14 13 16-0053	MLF	400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	24,695.48	2,572.29
27 14 13 16-0054	MLF	600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	36,320.43	3,561.62

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CSI		MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0055			Category 3, Indoor Telecommunications Plenum Cable *(27 14 13 16-0003)*		
27 14 13 16-0056			24 AWG, Category 3, Indoor Telecommunications Plenum Cable *(27 14 13 16-0055)*		
27 14 13 16-0057			24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 14 13 16-0056)*		
	27 14 13 16-0058	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	679.61	346.27
	27 14 13 16-0059	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	713.76	346.27
	27 14 13 16-0060	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	737.67	346.27
	27 14 13 16-0061	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	890.15	395.74
	27 14 13 16-0062	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,151.47	395.74
	27 14 13 16-0063	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,863.70	395.74
	27 14 13 16-0064	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	3,143.94	494.67
	27 14 13 16-0065	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	5,959.80	791.47
	27 14 13 16-0066	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	10,376.86	989.35
	27 14 13 16-0067	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	15,567.78	1,385.08
27 14 13 16-0068			24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 14 13 16-0056)*		
	27 14 13 16-0069	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,256.72	692.54
	27 14 13 16-0070	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,290.87	692.54
	27 14 13 16-0071	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,314.78	692.54
	27 14 13 16-0072	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,384.82	692.54
	27 14 13 16-0073	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,646.14	692.54
	27 14 13 16-0074	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	2,523.26	791.47
	27 14 13 16-0075	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	3,968.39	989.35
	27 14 13 16-0076	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	6,619.36	1,187.21
	27 14 13 16-0077	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	11,201.31	1,484.01
	27 14 13 16-0078	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	16,722.01	2,077.61
27 14 13 16-0079			Category 5E, Indoor Telecommunications Cable *(27 14 13 16-0002)*		
27 14 13 16-0080			Category 5E, Indoor Telecommunications Riser Cable *(27 14 13 16-0079)*		
27 14 13 16-0081			Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 14 13 16-0080)*		
	27 14 13 16-0082	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	765.00	346.27
	27 14 13 16-0083	MLF	4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	809.13	346.27
	27 14 13 16-0084	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	892.43	395.74
	27 14 13 16-0085	MLF	4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	936.82	395.74
27 14 13 16-0086			Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed *(27 14 13 16-0080)*		
	27 14 13 16-0087	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,342.11	692.54
	27 14 13 16-0088	MLF	4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,386.24	692.54
	27 14 13 16-0089	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,551.99	791.47
	27 14 13 16-0090	MLF	4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,596.38	791.47
27 14 13 16-0091			Category 5E, Indoor Telecommunications Plenum Cable *(27 14 13 16-0079)*		
27 14 13 16-0092			Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 14 13 16-0091)*		
	27 14 13 16-0093	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	911.89	346.27
	27 14 13 16-0094	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,323.27	395.74
27 14 13 16-0095			Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 14 13 16-0091)*		
	27 14 13 16-0096	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	1,489.00	692.54
	27 14 13 16-0097	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	1,982.83	791.47
27 14 13 16-0098			Category 6, Indoor Telecommunications Cable *(27 14 13 16-0002)*		
27 14 13 16-0099			Category 6, Indoor Telecommunications Riser Cable *(27 14 13 16-0098)*		
27 14 13 16-0100			Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 14 13 16-0099)*		
	27 14 13 16-0101	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	874.31	346.27
	27 14 13 16-0102	MLF	4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	907.54	346.27
27 14 13 16-0103			Category 6, Indoor Telecommunications Riser Cable, Installed Exposed *(27 14 13 16-0099)*		
	27 14 13 16-0104	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed	1,451.42	692.54
	27 14 13 16-0105	MLF	4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed	1,484.65	692.54
27 14 13 16-0106			Category 6, Indoor Telecommunications Plenum Cable *(27 14 13 16-0098)*		
27 14 13 16-0107			Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 14 13 16-0106)*		
	27 14 13 16-0108	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,181.76	346.27

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0109		Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 14 13 16-0106)*		
27 14 13 16-0110	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed	1,758.87	692.54
27 14 13 16-0111		Category 6a, Indoor Telecommunications Cable *(27 14 13 16-0002)*		
27 14 13 16-0112		Category 6a, Indoor Telecommunications Riser Cable *(27 14 13 16-0111)*		
27 14 13 16-0113		Category 6a Indoor Telecommunications Riser Cable, Installed In Conduit *(27 14 13 16-0112)*		
27 14 13 16-0114	MLF	4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Riser Cable, Installed In Conduit	977.45	346.27
27 14 13 16-0115		Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed *(27 14 13 16-0112)*		
27 14 13 16-0116	MLF	4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed	1,554.56	692.54
27 14 13 16-0117		Category 6a, Indoor Telecommunications Plenum Cable *(27 14 13 16-0111)*		
27 14 13 16-0118		Category 6a, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 14 13 16-0117)*		
27 14 13 16-0119	MLF	4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,447.73	346.27
27 14 13 16-0120		Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 14 13 16-0117)*		
27 14 13 16-0121	MLF	4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed	2,024.84	692.54
27 14 13 16-0122		Category 7, Indoor Telecommunications Cable *(27 14 13 16-0002)*		
27 14 13 16-0123		Category 7, Indoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0122)*		
27 14 13 16-0124	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed In Conduit	2,009.92	395.74
27 14 13 16-0125	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed In Conduit	3,955.88	395.74
27 14 13 16-0126		Category 7, Indoor Telecommunications Cable, Installed Exposed *(27 14 13 16-0122)*		
27 14 13 16-0127	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed Exposed	2,669.48	791.47
27 14 13 16-0128	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed Exposed	4,615.44	791.47
27 14 13 16-0129		Outdoor Telecommunications Cable *(27 14 13 16-0001)* Note: Telecommunications cable installed in conduit includes pull wires and installation in conduit, innerduct, etc. Telecommunications cable buried in trench excludes excavation.		
27 14 13 16-0130		PE-89 Outdoor Telecommunications Cable *(27 14 13 16-0129)* Note: Includes foam-skin polyolefin insulated conductors.		
27 14 13 16-0131		24 AWG, PE-89 Outdoor Telecommunications Cable *(27 14 13 16-0130)*		
27 14 13 16-0132		24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0131)*		
27 14 13 16-0133	MLF	6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,472.28	692.54
27 14 13 16-0134	MLF	12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,606.80	692.54
27 14 13 16-0135	MLF	25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,896.59	692.54
27 14 13 16-0136	MLF	50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,448.66	692.54
27 14 13 16-0137	MLF	75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,997.39	692.54
27 14 13 16-0138	MLF	100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,547.39	692.54
27 14 13 16-0139	MLF	200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,025.19	890.40
27 14 13 16-0140	MLF	300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	8,840.27	1,286.14
27 14 13 16-0141	MLF	400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	11,697.16	1,681.88
27 14 13 16-0142	MLF	600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	15,879.42	2,275.48
27 14 13 16-0143	MLF	900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	25,790.67	4,550.97
27 14 13 16-0144	MLF	1200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	35,629.04	6,727.52
27 14 13 16-0145		24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 14 13 16-0131)*		
27 14 13 16-0146	MLF	6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,224.95	
27 14 13 16-0147	MLF	12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,359.47	
27 14 13 16-0148	MLF	25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,649.26	
27 14 13 16-0149	MLF	50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,201.33	
27 14 13 16-0150	MLF	75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,750.06	
27 14 13 16-0151	MLF	100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	3,300.06	
27 14 13 16-0152	MLF	200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	5,860.30	
27 14 13 16-0153	MLF	300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	8,345.60	
27 14 13 16-0154	MLF	400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	10,666.59	
27 14 13 16-0155	MLF	600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	14,065.63	
27 14 13 16-0156	MLF	900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	20,843.98	
27 14 13 16-0157	MLF	1200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	28,373.86	
27 14 13 16-0158		22 AWG, PE-89 Outdoor Telecommunications Cable *(27 14 13 16-0130)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0159		22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0158)*		
27 14 13 16-0160	MLF	6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,557.80	692.54
27 14 13 16-0161	MLF	12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,766.58	692.54
27 14 13 16-0162	MLF	25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,223.65	692.54
27 14 13 16-0163	MLF	50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,030.79	692.54
27 14 13 16-0164	MLF	75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,907.09	692.54
27 14 13 16-0165	MLF	100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	4,784.10	692.54
27 14 13 16-0166	MLF	200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	8,410.98	890.40
27 14 13 16-0167	MLF	300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	12,242.88	1,286.14
27 14 13 16-0168	MLF	400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	16,284.18	1,681.88
27 14 13 16-0169	MLF	600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	23,889.80	2,275.48
27 14 13 16-0170	MLF	900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	35,907.12	4,550.97
27 14 13 16-0171	MLF	1200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	50,764.18	6,727.52
27 14 13 16-0172		22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 14 13 16-0158)*		
27 14 13 16-0173	MLF	6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,310.47	
27 14 13 16-0174	MLF	12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,519.25	
27 14 13 16-0175	MLF	25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,976.32	
27 14 13 16-0176	MLF	50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,783.46	
27 14 13 16-0177	MLF	75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	3,659.76	
27 14 13 16-0178	MLF	100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	4,536.77	
27 14 13 16-0179	MLF	200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	8,246.09	
27 14 13 16-0180	MLF	300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	11,748.21	
27 14 13 16-0181	MLF	400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	15,253.61	
27 14 13 16-0182	MLF	600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	22,076.01	
27 14 13 16-0183	MLF	900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	30,960.43	
27 14 13 16-0184	MLF	1200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	43,509.00	
27 14 13 16-0185		19 AWG, PE-89 Outdoor Telecommunications Cable *(27 14 13 16-0130)*		
27 14 13 16-0186		19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0185)*		
27 14 13 16-0187	MLF	25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,231.90	692.54
27 14 13 16-0188	MLF	50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	5,001.59	692.54
27 14 13 16-0189	MLF	75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	7,412.78	692.54
27 14 13 16-0190	MLF	100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	8,687.69	692.54
27 14 13 16-0191		19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 14 13 16-0185)*		
27 14 13 16-0192	MLF	25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,984.57	
27 14 13 16-0193	MLF	50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	4,754.26	
27 14 13 16-0194	MLF	75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	7,165.45	
27 14 13 16-0195	MLF	100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	8,440.36	
27 14 13 16-0196		PE-39 Outdoor Telecommunications Cable *(27 14 13 16-0129)* Note: Includes solid polyolefin insulated conductors.		
27 14 13 16-0197		24 AWG, PE-39 Outdoor Telecommunications Cable *(27 14 13 16-0196)*		
27 14 13 16-0198		24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0197)*		
27 14 13 16-0199	MLF	6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	1,484.30	692.54
27 14 13 16-0200	MLF	12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	1,648.88	692.54
27 14 13 16-0201	MLF	25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	1,980.91	692.54
27 14 13 16-0202	MLF	50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,578.82	692.54
27 14 13 16-0203	MLF	100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,791.48	692.54
27 14 13 16-0204	MLF	200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	6,583.42	890.40
27 14 13 16-0205	MLF	300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	9,601.72	1,286.14
27 14 13 16-0206	MLF	400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	12,624.99	1,681.88
27 14 13 16-0207	MLF	600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	17,234.12	2,275.48
27 14 13 16-0208	MLF	900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	27,542.63	4,550.97
27 14 13 16-0209	MLF	1200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	40,172.92	6,727.52
27 14 13 16-0210		24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 14 13 16-0197)*		
27 14 13 16-0211	MLF	6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,236.97	
27 14 13 16-0212	MLF	12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,401.55	
27 14 13 16-0213	MLF	25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,733.58	
27 14 13 16-0214	MLF	50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,331.49	
27 14 13 16-0215	MLF	100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,544.15	
27 14 13 16-0216	MLF	200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	6,418.53	
27 14 13 16-0217	MLF	300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	9,107.05	
27 14 13 16-0218	MLF	400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	11,594.42	
27 14 13 16-0219	MLF	600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	15,420.33	
27 14 13 16-0220	MLF	900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	22,595.94	
27 14 13 16-0221	MLF	1200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	32,917.74	
27 14 13 16-0222		22 AWG, PE-39 Outdoor Telecommunications Cable *(27 14 13 16-0196)*		
27 14 13 16-0223		22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0222)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0224	MLF	6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	1,579.45	692.54
27 14 13 16-0225	MLF	12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	1,821.29	692.54
27 14 13 16-0226	MLF	25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,335.93	692.54
27 14 13 16-0227	MLF	50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,282.70	692.54
27 14 13 16-0228	MLF	100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,258.47	692.54
27 14 13 16-0229	MLF	200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	9,406.60	890.40
27 14 13 16-0230	MLF	300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	13,769.08	1,286.14
27 14 13 16-0231	MLF	400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	17,665.33	1,681.88
27 14 13 16-0232	MLF	600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	24,619.38	2,275.48
27 14 13 16-0233	MLF	900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	39,501.08	4,550.97

27 14 13 16-0234 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 14 13 16-0222)*

27 14 13 16-0235	MLF	6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,332.12	
27 14 13 16-0236	MLF	12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,573.96	
27 14 13 16-0237	MLF	25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,088.60	
27 14 13 16-0238	MLF	50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,035.37	
27 14 13 16-0239	MLF	100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	5,011.14	
27 14 13 16-0240	MLF	200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	9,241.71	
27 14 13 16-0241	MLF	300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	13,274.41	
27 14 13 16-0242	MLF	400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	16,634.76	
27 14 13 16-0243	MLF	600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	22,805.59	
27 14 13 16-0244	MLF	900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	34,554.39	

27 14 13 16-0245 19 AWG, PE-39 Outdoor Telecommunications Cable *(27 14 13 16-0196)*

27 14 13 16-0246 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0245)*

27 14 13 16-0247	MLF	25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,475.99	692.54
27 14 13 16-0248	MLF	50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,396.15	692.54
27 14 13 16-0249	MLF	100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	9,377.89	692.54

27 14 13 16-0250 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 14 13 16-0245)*

27 14 13 16-0251	MLF	25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,228.66	
27 14 13 16-0252	MLF	50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	5,148.82	
27 14 13 16-0253	MLF	100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	9,130.56	

27 14 13 16-0254 (Aerial) Outdoor Telecommunications Cable *(27 14 13 16-0129)*

Note: Includes support wire.

27 14 13 16-0255 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 14 13 16-0254)*

27 14 13 16-0256	MLF	6-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	4,558.76	1,415.19
27 14 13 16-0257	MLF	12-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	4,695.69	1,415.19
27 14 13 16-0258	MLF	25-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	5,035.68	1,415.19
27 14 13 16-0259	MLF	50-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	5,665.15	1,415.19
27 14 13 16-0260	MLF	100-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	6,880.98	1,415.19
27 14 13 16-0261	MLF	200-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,650.49	1,556.71
27 14 13 16-0262	MLF	300-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	12,435.03	1,698.22

27 14 13 16-0263 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 14 13 16-0254)*

27 14 13 16-0264	MLF	6-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	4,722.59	1,415.19
27 14 13 16-0265	MLF	12-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	4,924.90	1,415.19
27 14 13 16-0266	MLF	25-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	5,412.20	1,415.19
27 14 13 16-0267	MLF	50-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	6,374.89	1,415.19
27 14 13 16-0268	MLF	100-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,704.03	1,415.19
27 14 13 16-0269	MLF	200-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	12,760.14	1,556.71

27 14 13 16-0270 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 14 13 16-0254)*

27 14 13 16-0271	MLF	6-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	4,939.18	1,415.19
27 14 13 16-0272	MLF	12-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	5,396.71	1,415.19
27 14 13 16-0273	MLF	25-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	6,296.28	1,415.19
27 14 13 16-0274	MLF	50-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,095.44	1,415.19
27 14 13 16-0275	MLF	100-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	11,921.01	1,415.19

27 14 13 16-0276 Solid Conductor Low Voltage Cable *(27 14 13 16)*

27 14 13 16-0277 Low Voltage Cable, Pulled In Conduit *(27 14 13 16-0276)*

27 14 13 16-0278 #12 AWG Low Voltage Cable, Pulled In Conduit *(27 14 13 16-0277)*

27 14 13 16-0279	MLF	1 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,075.67	746.19
		For #10 AWG, Add	*523.28*	
		For Installation On Exposed Surface, Deduct	*-248.75*	
27 14 13 16-0280	MLF	2 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,823.18	772.58
		For #10 AWG, Add	*764.21*	
		For Installation On Exposed Surface, Deduct	*-257.60*	
27 14 13 16-0281	MLF	3 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,471.28	799.71
		For #10 AWG, Add	*972.30*	
		For Installation On Exposed Surface, Deduct	*-266.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0282	MLF	4 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	4,158.93	826.84
		For #10 AWG, Add	*1,193.24*	
		For Installation On Exposed Surface, Deduct	*-275.70*	
27 14 13 16-0283	MLF	5 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	4,855.52	882.62
		For #10 AWG, Add	*1,411.03*	
		For Installation On Exposed Surface, Deduct	*-294.29*	
27 14 13 16-0284	MLF	6 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	5,482.48	937.64
		For #10 AWG, Add	*1,606.01*	
		For Installation On Exposed Surface, Deduct	*-312.63*	
27 14 13 16-0285	MLF	8 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	5,875.60	1,049.19
		For #10 AWG, Add	*1,711.67*	
		For Installation On Exposed Surface, Deduct	*-349.66*	
27 14 13 16-0286	MLF	12 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	7,807.75	1,383.09
		For #10 AWG, Add	*2,276.95*	
		For Installation On Exposed Surface, Deduct	*-460.94*	
27 14 13 16-0287	MLF	24 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	11,658.03	2,042.61
		For #10 AWG, Add	*3,404.70*	
		For Installation On Exposed Surface, Deduct	*-680.69*	

27 14 13 16-0288 #14 AWG Low Voltage Cable, Pulled In Conduit *(27 14 13 16-0277)*

27 14 13 16-0289	MLF	1 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,778.83	652.73
		For Installation On Exposed Surface, Deduct	*-217.53*	
27 14 13 16-0290	MLF	2 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,402.31	676.10
		For Installation On Exposed Surface, Deduct	*-225.36*	
27 14 13 16-0291	MLF	3 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,943.04	699.46
		For Installation On Exposed Surface, Deduct	*-233.20*	
27 14 13 16-0292	MLF	4 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,516.08	723.58
		For Installation On Exposed Surface, Deduct	*-241.19*	
27 14 13 16-0293	MLF	5 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	4,098.99	772.58
		For Installation On Exposed Surface, Deduct	*-257.47*	
27 14 13 16-0294	MLF	6 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	4,623.60	820.81
		For Installation On Exposed Surface, Deduct	*-273.45*	
27 14 13 16-0295	MLF	8 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	4,959.17	918.04
		For Installation On Exposed Surface, Deduct	*-306.01*	
27 14 13 16-0296	MLF	12 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	6,588.37	1,209.73
		For Installation On Exposed Surface, Deduct	*-403.24*	
27 14 13 16-0297	MLF	24 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	9,836.96	1,787.09
		For Installation On Exposed Surface, Deduct	*-595.75*	

27 14 13 16-0298 #16 AWG Low Voltage Cable, Pulled In Conduit *(27 14 13 16-0277)*

27 14 13 16-0299	MLF	1 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,580.22	582.63
		For Installation On Exposed Surface, Deduct	*-194.31*	
27 14 13 16-0300	MLF	2 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,435.03	603.74
		For Installation On Exposed Surface, Deduct	*-201.25*	
27 14 13 16-0301	MLF	3 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,006.93	624.84
		For Installation On Exposed Surface, Deduct	*-208.18*	
27 14 13 16-0302	MLF	4 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,257.43	645.95
		For Installation On Exposed Surface, Deduct	*-215.42*	
27 14 13 16-0303	MLF	5 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	4,364.22	689.66
		For Installation On Exposed Surface, Deduct	*-229.89*	
27 14 13 16-0304	MLF	6 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	4,793.03	732.62
		For Installation On Exposed Surface, Deduct	*-244.21*	
27 14 13 16-0305	MLF	7 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	5,651.22	776.34
		For Installation On Exposed Surface, Deduct	*-258.68*	
27 14 13 16-0306	MLF	8 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	6,510.18	820.06
		For Installation On Exposed Surface, Deduct	*-273.30*	
27 14 13 16-0307	MLF	9 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	7,134.09	872.06
		For Installation On Exposed Surface, Deduct	*-290.64*	
27 14 13 16-0308	MLF	25 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	12,081.46	1,634.08
		For Installation On Exposed Surface, Deduct	*-544.57*	

27 14 13 16-0309 #18 AWG Low Voltage Cable, Pulled In Conduit *(27 14 13 16-0277)*

27 14 13 16-0310	MLF	1 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,603.42	513.29
		For Installation On Exposed Surface, Deduct	*-170.95*	
27 14 13 16-0311	MLF	2 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,308.71	531.38
		For Installation On Exposed Surface, Deduct	*-177.13*	
27 14 13 16-0312	MLF	3 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,882.56	549.47
		For Installation On Exposed Surface, Deduct	*-183.31*	
27 14 13 16-0313	MLF	4 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,087.78	568.31
		For Installation On Exposed Surface, Deduct	*-189.49*	
27 14 13 16-0314	MLF	5 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	4,315.60	606.75
		For Installation On Exposed Surface, Deduct	*-202.30*	
27 14 13 16-0315	MLF	6 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	4,966.87	644.43
		For Installation On Exposed Surface, Deduct	*-214.96*	
27 14 13 16-0316	MLF	8 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	5,574.32	721.31
		For Installation On Exposed Surface, Deduct	*-240.44*	
27 14 13 16-0317	MLF	12 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	7,225.08	950.46
		For Installation On Exposed Surface, Deduct	*-316.87*	
27 14 13 16-0318	MLF	24 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	11,627.51	1,404.20
		For Installation On Exposed Surface, Deduct	*-468.06*	

27 14 13 16-0319 #20 AWG Low Voltage Cable, Pulled In Conduit *(27 14 13 16-0277)*

27 14 13 16-0320	MLF	1 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,091.44	466.56
		For Installation On Exposed Surface, Deduct	*-155.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0321	MLF	2 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,507.95	483.14
		For Installation On Exposed Surface, Deduct	*-161.00*	
27 14 13 16-0322	MLF	4 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,127.44	517.06
		For Installation On Exposed Surface, Deduct	*-172.30*	
27 14 13 16-0323	MLF	6 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,565.62	586.40
		For Installation On Exposed Surface, Deduct	*-195.37*	
27 14 13 16-0324	MLF	8 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,004.63	655.74
		For Installation On Exposed Surface, Deduct	*-218.58*	
27 14 13 16-0325	MLF	12 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	4,355.13	864.52
		For Installation On Exposed Surface, Deduct	*-288.08*	
27 14 13 16-0326	MLF	24 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	6,685.64	1,276.82
		For Installation On Exposed Surface, Deduct	*-425.55*	
27 14 13 16-0327	MLF	25 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	7,250.50	1,306.97
		For Installation On Exposed Surface, Deduct	*-435.65*	
27 14 13 16-0328	MLF	36 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	8,751.57	1,521.78
		For Installation On Exposed Surface, Deduct	*-507.26*	
27 14 13 16-0329	MLF	40 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	9,401.70	1,628.81
		For Installation On Exposed Surface, Deduct	*-542.98*	
27 14 13 16-0330	MLF	50 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	10,965.14	2,035.82
		For Installation On Exposed Surface, Deduct	*-678.50*	
27 14 13 16-0331	MLF	100 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	15,182.55	2,680.25
		For Installation On Exposed Surface, Deduct	*-893.31*	

27 14 13 16-0332 Triad *(27 14 13 16-0277)*

27 14 13 16-0333	MLF	1 Triad #16	3,298.40	624.84
27 14 13 16-0334	MLF	4 Triad #20	4,155.10	864.52
27 14 13 16-0335	MLF	8 Triad #20	6,699.92	1,276.82
27 14 13 16-0336	MLF	12 Triad #20	8,537.25	1,521.78
27 14 13 16-0337	MLF	24 Triad #20	14,359.40	2,357.66
27 14 13 16-0338	MLF	36 Triad #20	16,611.35	2,680.25

27 14 13 16-0339 Low Voltage Cable Buried In Trench *(27 14 13 16-0276)*

Note: Excludes excavation.

27 14 13 16-0340	MLF	1 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable	1,388.55	
27 14 13 16-0341	MLF	2 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable	1,439.70	
27 14 13 16-0342	MLF	3 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable	1,706.81	
27 14 13 16-0343	MLF	4 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable	1,830.50	
27 14 13 16-0344	MLF	5 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable	2,054.23	
27 14 13 16-0345	MLF	6 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable	2,157.23	

27 14 13 16-0346 Low Voltage Cable Installed On Poles, Aerially *(27 14 13 16-0276)*

27 14 13 16-0347	MLF	1 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable	1,465.88	412.80
27 14 13 16-0348	MLF	2 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable	1,559.62	442.24
27 14 13 16-0349	MLF	3 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable	2,100.49	559.09
27 14 13 16-0350	MLF	4 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable	2,419.33	646.66
27 14 13 16-0351	MLF	5 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable	2,807.22	737.05
27 14 13 16-0352	MLF	6 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable	3,378.74	941.63

27 14 13 16-0353 Non-Shielded Low Voltage Cable Pulled In Conduit *(27 14 13 16-0276)*

27 14 13 16-0354	MLF	4 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	3,563.49	723.58
		For Installation On Exposed Surface, Deduct	*-241.19*	
27 14 13 16-0355	MLF	8 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	4,959.17	918.04
		For Installation On Exposed Surface, Deduct	*-306.01*	
27 14 13 16-0356	MLF	12 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	6,588.37	1,209.73
		For Installation On Exposed Surface, Deduct	*-403.24*	
27 14 13 16-0357	MLF	24 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	9,836.96	1,787.09
		For Installation On Exposed Surface, Deduct	*-595.75*	
27 14 13 16-0358	MLF	1 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,385.90	582.63
		For Installation On Exposed Surface, Deduct	*-194.31*	
27 14 13 16-0359	MLF	2 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,749.21	603.74
		For Installation On Exposed Surface, Deduct	*-201.25*	
27 14 13 16-0360	MLF	3 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,955.33	624.84
		For Installation On Exposed Surface, Deduct	*-208.18*	
27 14 13 16-0361	MLF	4 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	2,248.69	645.95
		For Installation On Exposed Surface, Deduct	*-215.42*	
27 14 13 16-0362	MLF	5 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	2,548.91	688.91
		For Installation On Exposed Surface, Deduct	*-229.74*	
27 14 13 16-0363	MLF	6 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	2,849.87	732.62
		For Installation On Exposed Surface, Deduct	*-244.21*	
27 14 13 16-0364	MLF	7 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	3,265.13	776.34
		For Installation On Exposed Surface, Deduct	*-258.68*	
27 14 13 16-0365	MLF	8 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	3,595.44	820.06
		For Installation On Exposed Surface, Deduct	*-273.30*	
27 14 13 16-0366	MLF	9 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	4,053.52	872.06
		For Installation On Exposed Surface, Deduct	*-290.62*	
27 14 13 16-0367	MLF	25 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	7,517.81	1,595.64
		For Installation On Exposed Surface, Deduct	*-531.98*	
27 14 13 16-0368	MLF	1 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,206.93	512.53
		For Installation On Exposed Surface, Deduct	*-170.95*	
27 14 13 16-0369	MLF	2 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,517.16	531.38
		For Installation On Exposed Surface, Deduct	*-177.13*	
27 14 13 16-0370	MLF	3 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,693.80	550.22
		For Installation On Exposed Surface, Deduct	*-183.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0371	MLF	4 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,943.31	568.31
		For Installation On Exposed Surface, Deduct	*-189.49*	
27 14 13 16-0372	MLF	5 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	2,201.69	606.75
		For Installation On Exposed Surface, Deduct	*-202.30*	
27 14 13 16-0373	MLF	6 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	2,459.33	645.19
		For Installation On Exposed Surface, Deduct	*-214.96*	
27 14 13 16-0374	MLF	8 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	3,096.79	721.31
		For Installation On Exposed Surface, Deduct	*-240.44*	
27 14 13 16-0375	MLF	12 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	3,987.57	950.46
		For Installation On Exposed Surface, Deduct	*-316.87*	
27 14 13 16-0376	MLF	24 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	5,983.75	1,404.20
		For Installation On Exposed Surface, Deduct	*-468.06*	
27 14 13 16-0377	MLF	1 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,025.71	466.56
		For Installation On Exposed Surface, Deduct	*-155.42*	
27 14 13 16-0378	MLF	2 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,290.77	483.14
		For Installation On Exposed Surface, Deduct	*-161.00*	
27 14 13 16-0379	MLF	4 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,818.81	517.06
		For Installation On Exposed Surface, Deduct	*-172.30*	
27 14 13 16-0380	MLF	8 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	2,950.34	655.74
		For Installation On Exposed Surface, Deduct	*-218.58*	
27 14 13 16-0381	MLF	12 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	3,640.73	864.52
		For Installation On Exposed Surface, Deduct	*-288.08*	
27 14 13 16-0382	MLF	24 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	5,556.88	1,276.82
		For Installation On Exposed Surface, Deduct	*-425.55*	
27 14 13 16-0383	MLF	25 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	6,178.90	1,306.97
		For Installation On Exposed Surface, Deduct	*-435.65*	
27 14 13 16-0384	MLF	36 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	8,108.61	1,521.78
		For Installation On Exposed Surface, Deduct	*-507.26*	
27 14 13 16-0385	MLF	40 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	8,544.42	1,628.81
		For Installation On Exposed Surface, Deduct	*-542.98*	
27 14 13 16-0386	MLF	50 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	11,393.78	2,035.82
		For Installation On Exposed Surface, Deduct	*-678.50*	
27 14 13 16-0387	MLF	100 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	14,753.91	2,680.25
		For Installation On Exposed Surface, Deduct	*-893.31*	
27 14 13 16-0388	MLF	1 Single #16 TC	1,257.31	582.63
		For Installation On Exposed Surface, Deduct	*-194.31*	
27 14 13 16-0389	MLF	24 Single #16 TC	5,553.90	1,595.64
		For Installation On Exposed Surface, Deduct	*-531.83*	
27 14 13 16-0390	MLF	3 Single #14 TC	1,743.25	699.46
		For Installation On Exposed Surface, Deduct	*-233.20*	
27 14 13 16-0391	MLF	4 Single #14 TC	1,914.65	723.58
		For Installation On Exposed Surface, Deduct	*-241.19*	
27 14 13 16-0392	MLF	6 Single #14 TC	2,438.86	820.81
		For Installation On Exposed Surface, Deduct	*-273.45*	
27 14 13 16-0393	MLF	7 Single #14 TC	2,628.85	869.04
		For Installation On Exposed Surface, Deduct	*-289.73*	
27 14 13 16-0394	MLF	9 Single #14 TC	3,746.28	906.43
		For Installation On Exposed Surface, Deduct	*-453.21*	
27 14 13 16-0395	MLF	12 Single #14 TC	4,087.98	1,209.73
		For Installation On Exposed Surface, Deduct	*-403.24*	
27 14 13 16-0396	MLF	24 Single #14 TC	6,907.93	1,787.09
		For Installation On Exposed Surface, Deduct	*-595.75*	
27 14 13 16-0397	MLF	37 Single #14 TC	10,002.47	2,154.15
		For Installation On Exposed Surface, Deduct	*-718.00*	
27 14 13 16-0398	MLF	3 Single #12 TC	2,096.22	774.83
		For Installation On Exposed Surface, Deduct	*-258.08*	
27 14 13 16-0399	MLF	3 Single #10 TC	2,609.98	849.45
		For Installation On Exposed Surface, Deduct	*-283.10*	

27 14 13 16-0400 Plenum Rated Low Voltage Cable *(27 14 13 16-0276)*

27 14 13 16-0401	MLF	1 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	1,670.77	582.63
27 14 13 16-0402	MLF	2 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	2,649.35	603.74
27 14 13 16-0403	MLF	3 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	3,301.83	624.84
27 14 13 16-0404	MLF	4 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	3,584.48	645.95
27 14 13 16-0405	MLF	5 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	4,846.44	688.91
27 14 13 16-0406	MLF	6 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	5,328.83	732.62
27 14 13 16-0407	MLF	8 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	7,281.73	820.06
27 14 13 16-0408	MLF	12 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	8,658.28	1,080.09
27 14 13 16-0409	MLF	24 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	13,422.32	1,595.64
27 14 13 16-0410	MLF	1 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	1,382.86	512.53
27 14 13 16-0411	MLF	2 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	2,179.46	531.38
27 14 13 16-0412	MLF	3 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	2,818.32	550.22
27 14 13 16-0413	MLF	4 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	3,075.94	568.31
27 14 13 16-0414	MLF	5 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	4,145.47	606.75
27 14 13 16-0415	MLF	6 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	4,886.58	645.19
27 14 13 16-0416	MLF	8 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	5,564.39	721.31
27 14 13 16-0417	MLF	12 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	7,072.59	950.46
27 14 13 16-0418	MLF	24 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	12,021.98	1,404.20
27 14 13 16-0419	MLF	1 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	1,138.59	466.56
27 14 13 16-0420	MLF	2 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	1,613.39	483.14
27 14 13 16-0421	MLF	3 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	2,070.29	499.72
27 14 13 16-0422	MLF	4 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	2,317.32	517.06
27 14 13 16-0423	MLF	5 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	2,593.73	551.73
27 14 13 16-0424	MLF	6 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	2,935.00	586.40
27 14 13 16-0425	MLF	8 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	3,291.39	655.74
27 14 13 16-0426	MLF	12 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	4,792.34	864.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0427	MLF	24 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	7,512.19	1,276.82
27 14 13 16-0428	MLF	25 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	8,169.93	1,306.97
27 14 13 16-0429	MLF	36 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	9,856.90	1,521.78
27 14 13 16-0430	MLF	40 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	10,614.39	1,628.81
27 14 13 16-0431	MLF	50 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	12,338.46	2,035.82
27 14 13 16-0432	MLF	100 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	17,125.95	2,680.25
27 14 13 16-0433	MLF	250 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	34,933.14	4,936.91
27 14 13 16-0434	MLF	500 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	58,157.62	6,533.32
27 14 13 16-0435	MLF	750 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	81,095.90	8,232.97
27 14 13 16-0436	MLF	1200 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	116,095.59	11,293.10
27 14 13 16-0437	MLF	1 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	1,008.34	466.56
27 14 13 16-0438	MLF	2 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	1,322.09	483.14
27 14 13 16-0439	MLF	3 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	1,624.43	499.72
27 14 13 16-0440	MLF	4 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	1,792.76	517.06
27 14 13 16-0441	MLF	5 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	1,990.49	551.73
27 14 13 16-0442	MLF	6 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	2,229.42	586.40
27 14 13 16-0443	MLF	8 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	2,499.21	655.74
27 14 13 16-0444	MLF	12 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	3,584.56	864.52
27 14 13 16-0445	MLF	24 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	5,572.08	1,276.82
27 14 13 16-0446	MLF	25 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	6,011.00	1,306.97
27 14 13 16-0447	MLF	36 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	7,233.10	1,521.78
27 14 13 16-0448	MLF	40 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	7,768.02	1,628.81
27 14 13 16-0449	MLF	50 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	9,115.01	2,035.82
27 14 13 16-0450	MLF	100 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	12,564.50	2,680.25
27 14 13 16-0451	MLF	250 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	25,279.91	4,936.91
27 14 13 16-0452	MLF	500 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	41,114.68	6,533.32
27 14 13 16-0453	MLF	750 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	56,803.04	8,232.97
27 14 13 16-0454	MLF	1200 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	81,024.41	11,293.10

27 14 13 16-0455 Non-Shielded Plenum Rated Low Voltage Cable *(27 14 13 16-0276)*

27 14 13 16-0456	MLF	1 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,448.05	582.63
27 14 13 16-0457	MLF	2 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,860.65	603.74
27 14 13 16-0458	MLF	3 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	2,092.50	624.84
27 14 13 16-0459	MLF	4 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	2,423.68	645.95
27 14 13 16-0460	MLF	5 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	2,759.69	688.91
27 14 13 16-0461	MLF	6 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	3,094.19	732.62
27 14 13 16-0462	MLF	8 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	3,929.77	820.06
27 14 13 16-0463	MLF	12 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	5,054.02	1,080.09
27 14 13 16-0464	MLF	24 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	7,589.25	1,595.64
27 14 13 16-0465	MLF	1 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,259.77	512.53
27 14 13 16-0466	MLF	2 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,611.89	531.38
27 14 13 16-0467	MLF	3 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,810.39	550.22
27 14 13 16-0468	MLF	4 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	2,092.71	568.31
27 14 13 16-0469	MLF	5 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	2,380.23	606.75
27 14 13 16-0470	MLF	6 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	2,667.02	645.19
27 14 13 16-0471	MLF	8 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	3,380.97	721.31
27 14 13 16-0472	MLF	12 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	4,349.71	950.46
27 14 13 16-0473	MLF	24 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	6,530.27	1,404.20
27 14 13 16-0474	MLF	1 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,063.00	466.56
27 14 13 16-0475	MLF	2 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,363.64	483.14
27 14 13 16-0476	MLF	3 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,559.13	499.72
27 14 13 16-0477	MLF	4 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,953.84	517.06
27 14 13 16-0478	MLF	5 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	2,240.62	551.73
27 14 13 16-0479	MLF	6 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	2,890.73	586.40
27 14 13 16-0480	MLF	8 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	3,228.95	655.74
27 14 13 16-0481	MLF	12 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	3,970.78	864.52
27 14 13 16-0482	MLF	24 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	6,071.25	1,276.82
27 14 13 16-0483	MLF	25 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	6,564.17	1,306.97
27 14 13 16-0484	MLF	36 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	7,910.99	1,521.78
27 14 13 16-0485	MLF	40 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	8,497.34	1,628.81
27 14 13 16-0486	MLF	50 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	9,940.93	2,035.82
27 14 13 16-0487	MLF	100 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	13,733.24	2,680.25
27 14 13 16-0488	MLF	250 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	27,756.46	4,936.91
27 14 13 16-0489	MLF	500 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	45,485.26	6,533.32
27 14 13 16-0490	MLF	750 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	63,034.37	8,232.97
27 14 13 16-0491	MLF	1200 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	90,018.56	11,292.35
27 14 13 16-0492	MLF	1 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	959.98	466.56
27 14 13 16-0493	MLF	2 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,162.35	483.14
27 14 13 16-0494	MLF	3 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,297.46	499.72
27 14 13 16-0495	MLF	4 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,560.25	517.06
27 14 13 16-0496	MLF	5 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,764.61	551.73
27 14 13 16-0497	MLF	6 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	2,201.13	586.40
27 14 13 16-0498	MLF	8 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	2,459.30	655.74
27 14 13 16-0499	MLF	12 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	3,059.03	864.52
27 14 13 16-0500	MLF	24 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	4,650.33	1,276.82
27 14 13 16-0501	MLF	25 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	4,983.83	1,306.97
27 14 13 16-0502	MLF	36 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	5,974.35	1,521.78
27 14 13 16-0503	MLF	40 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	6,413.80	1,628.81
27 14 13 16-0504	MLF	50 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	7,581.38	2,035.82
27 14 13 16-0505	MLF	100 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	10,394.25	2,680.25
27 14 13 16-0506	MLF	250 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	20,689.63	4,936.91
27 14 13 16-0507	MLF	500 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	33,009.29	6,533.32
27 14 13 16-0508	MLF	750 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	45,252.45	8,232.97
27 14 13 16-0509	MLF	1200 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	64,347.62	11,293.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0510		Sound System Cables *(27 14 13 16-0276)*		
		Note: Cables shall be type CL2 or CM and as manufactured by West Penn Wire, Belden or approved equal.		
27 14 13 16-0511	MLF	2/c #18 AWG, Stranded Copper Conductor, Speakers	869.08	96.18
27 14 13 16-0512	MLF	2/c #16 AWG, Stranded Copper Conductor, Speakers	975.43	101.00
27 14 13 16-0513	MLF	2/c #22 AWG, Shielded, Stranded Copper Conductor, Microphone	634.49	76.88
27 14 13 16-0514	MLF	4/c #22 AWG, 2 Shielded, 2 Unshielded, Stranded Copper Conductor, Microphone	700.96	80.80
27 14 13 16-0515	MLF	2/c #20 AWG, Shielded, Stranded Copper Conductors, Microphone	797.26	91.36
27 14 13 16-0516	MLF	4/c #20 AWG, 2 Shielded, 2 Unshielded, Stranded Copper Conductor, Microphone	905.99	100.70
27 14 23		**Communications Optical Fiber Cabling** *(27 14)*		
27 14 23 13		**Communications Optical Fiber Splicing And Terminations** *(27 14 23)*		
27 14 23 13-0001		Fiber Optic Cable Splice Closures *(27 14 23 13)*		
		Note: Includes mounting hardware. Excludes splicing and splice trays.		
27 14 23 13-0002	EA	Up To 144-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	519.52	82.45
27 14 23 13-0003	EA	Up To 144-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	684.41	164.89
27 14 23 13-0004	EA	Up To 144-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	684.41	164.89
27 14 23 13-0005	EA	Up To 288-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	840.40	82.45
27 14 23 13-0006	EA	Up To 288-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	1,005.29	164.89
27 14 23 13-0007	EA	Up To 288-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	1,005.29	164.89
27 14 23 13-0008	EA	Splice Tray For Fiber Optic Cable Splice Closure	38.49	10.30
		Note: Up to 12-fiber, mechanical or fusion splice tray. Excludes splice.		
27 14 23 13-0009		Fiber Optic Cable Splicing *(27 14 23 13)*		
27 14 23 13-0010	EA	Single Strand, Fusion Splice Of Fiber Optic Cable	24.74	
27 14 23 13-0011	EA	12-Strand Ribbon, Fusion Splice Of Fiber Optic Cable	82.45	
27 14 23 13-0012		Fiber Optic Cable Testing *(27 14 23 13)*		
		Note: Price based on testing one wavelength.		
27 14 23 13-0013		Fiber Optic Cable Testing Using An OTDR *(27 14 23 13-0012)*		
		Note: Testing using an optical time domain reflectometer.		
27 14 23 13-0014	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test	16.49	
		For >12 To 48 Strands, Deduct	*-1.24*	
		For >48 Strands, Deduct	*-1.65*	
27 14 23 13-0015	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test	24.74	
		For >12 To 48 Strands, Deduct	*-1.86*	
		For >48 Strands, Deduct	*-2.47*	
27 14 23 13-0016	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test With Documentation	41.22	
		For >12 To 48 Strands, Deduct	*-3.09*	
		For >48 Strands, Deduct	*-4.12*	
27 14 23 13-0017	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test With Documentation	61.83	
		For >12 To 48 Strands, Deduct	*-4.64*	
		For >48 Strands, Deduct	*-6.18*	
27 14 23 13-0018		Fiber Optic Cable Testing Using A Power Meter *(27 14 23 13-0012)*		
27 14 23 13-0019	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional Power Meter Test	16.49	
		For >12 To 48 Strands, Deduct	*-1.24*	
		For >48 Strands, Deduct	*-1.65*	
27 14 23 13-0020	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional Power Meter Test	24.74	
		For >12 To 48 Strands, Deduct	*-1.86*	
		For >48 Strands, Deduct	*-2.47*	
27 14 23 13-0021		Fiber Optic Cable Light Source/Continuity Testing *(27 14 23 13-0012)*		
27 14 23 13-0022	EA	Test 1-Strand Of Fiber Optic Cable Using A Light Source/Continuity Test	16.49	
		For >12 To 48 Strands, Deduct	*-1.24*	
		For >48 Strands, Deduct	*-1.65*	
27 14 23 13-0023		Other Fiber Optic Cable Splicing *(27 14 23 13)*		
27 14 23 13-0024	EA	Fiber Optic Finger Splice	29.60	15.49
27 14 23 13-0025	EA	Fiber Optic Splice Box - Manholes	5,026.49	
27 14 23 13-0026		Fiber Optic Cable Fan Out Kits *(27 14 23 13)*		
27 14 23 13-0027	EA	6-Fiber, Indoor Fan Out Kit For Fiber Optic Cable	179.58	
27 14 23 13-0028	EA	12-Fiber, Indoor Fan Out Kit For Fiber Optic Cable	182.37	
27 14 23 13-0029	EA	6-Fiber, Outdoor Fan Out Kit For Fiber Optic Cable	204.09	
27 14 23 13-0030	EA	12-Fiber, Outdoor Fan Out Kit For Fiber Optic Cable	217.76	
27 14 23 16		**Communications Optical Fiber Cabling** *(27 14 23)*		
27 14 23 16-0001		Indoor Fiber Optic Cable *(27 14 23 16)*		
		Note: Distribution cables contain multiple tight-buffered fibers bundled under the same jacket with Kevlar strength members. Break-out cables contain multiple individually reinforced and jacketed simplex cables bundled together.		
27 14 23 16-0002		Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0001)*		
		Note: Excludes conduit or innerduct.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0003		Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0002)*		
27 14 23 16-0004		Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0003)*		
27 14 23 16-0005		Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0004)*		
27 14 23 16-0006	MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	744.72	296.80
27 14 23 16-0007	MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	817.23	296.80
27 14 23 16-0008	MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	942.26	296.80
27 14 23 16-0009	MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,107.30	296.80
27 14 23 16-0010	MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,232.31	296.80
27 14 23 16-0011	MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,517.38	296.80
27 14 23 16-0012	MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,390.22	346.27
27 14 23 16-0013	MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,899.71	346.27
27 14 23 16-0014	MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,615.47	346.27
27 14 23 16-0015	MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,428.16	346.27
27 14 23 16-0016	MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,113.31	346.27
27 14 23 16-0017	MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,826.18	346.27
27 14 23 16-0018	MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,776.60	346.27
27 14 23 16-0019	MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,561.91	395.74
27 14 23 16-0020	MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,262.27	395.74
27 14 23 16-0021		50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0004)*		
27 14 23 16-0022	MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	770.47	296.80
27 14 23 16-0023	MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	957.26	296.80
27 14 23 16-0024	MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,257.33	296.80
27 14 23 16-0025	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,544.90	296.80
27 14 23 16-0026	MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,799.96	296.80
27 14 23 16-0027	MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,377.55	296.80
27 14 23 16-0028	MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,798.03	346.27
27 14 23 16-0029	MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,303.15	346.27
27 14 23 16-0030	MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,046.21	346.27
27 14 23 16-0031	MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,203.99	346.27
27 14 23 16-0032	MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,649.51	346.27
27 14 23 16-0033	MLF	72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,209.83	346.27
27 14 23 16-0034	MLF	96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,368.22	346.27
27 14 23 16-0035	MLF	120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	20,608.85	395.74
27 14 23 16-0036	MLF	144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	23,757.12	395.74
27 14 23 16-0037		62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0004)*		
27 14 23 16-0038	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	784.26	296.80
27 14 23 16-0039	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	980.39	296.80
27 14 23 16-0040	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,295.46	296.80
27 14 23 16-0041	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,597.41	296.80
27 14 23 16-0042	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,865.22	296.80
27 14 23 16-0043	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,471.70	296.80
27 14 23 16-0044	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,009.08	346.27
27 14 23 16-0045	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,539.45	346.27
27 14 23 16-0046	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,419.66	346.27
27 14 23 16-0047	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,635.33	346.27
27 14 23 16-0048	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,203.13	346.27
27 14 23 16-0049	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,841.47	346.27
27 14 23 16-0050	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,207.77	346.27

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0051	MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	21,606.31	395.74
27 14 23 16-0052	MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	23,872.61	395.74
27 14 23 16-0053		Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0003)*		
27 14 23 16-0054		Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0053)*		
27 14 23 16-0055	MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,451.12	296.80
27 14 23 16-0056	MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,734.52	296.80
27 14 23 16-0057	MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,357.97	296.80
27 14 23 16-0058	MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,655.53	296.80
27 14 23 16-0059	MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,536.43	296.80
27 14 23 16-0060	MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,934.30	346.27
27 14 23 16-0061	MLF	24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,240.26	346.27
27 14 23 16-0062	MLF	36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,830.95	346.27
27 14 23 16-0063	MLF	48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,850.15	346.27
27 14 23 16-0064		50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0053)*		
27 14 23 16-0065	MLF	2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,710.89	296.80
27 14 23 16-0066	MLF	4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,100.57	296.80
27 14 23 16-0067	MLF	6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,809.07	296.80
27 14 23 16-0068	MLF	8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,210.52	296.80
27 14 23 16-0069	MLF	12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,757.39	296.80
27 14 23 16-0070	MLF	18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,221.37	346.27
27 14 23 16-0071	MLF	24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,898.15	346.27
27 14 23 16-0072	MLF	36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,199.67	346.27
27 14 23 16-0073	MLF	48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,026.51	346.27
27 14 23 16-0074		62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0053)*		
27 14 23 16-0075	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,771.70	296.80
27 14 23 16-0076	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,180.87	296.80
27 14 23 16-0077	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,924.79	296.80
27 14 23 16-0078	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,346.31	296.80
27 14 23 16-0079	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,970.53	296.80
27 14 23 16-0080	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,503.59	346.27
27 14 23 16-0081	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,264.20	346.27
27 14 23 16-0082	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,730.80	346.27
27 14 23 16-0083	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,698.98	346.27
27 14 23 16-0084		Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0002)*		
27 14 23 16-0085		Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0084)*		
27 14 23 16-0086		Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0085)*		
27 14 23 16-0087	MLF	1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	744.72	296.80
27 14 23 16-0088	MLF	2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	867.24	296.80
27 14 23 16-0089	MLF	4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,007.28	296.80
27 14 23 16-0090	MLF	6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,142.31	296.80
27 14 23 16-0091	MLF	8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,392.36	296.80
27 14 23 16-0092	MLF	12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,567.39	296.80
27 14 23 16-0093	MLF	18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,865.31	346.27
27 14 23 16-0094	MLF	24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,572.97	346.27
27 14 23 16-0095	MLF	36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,936.19	346.27
27 14 23 16-0096	MLF	48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,566.11	346.27
27 14 23 16-0097	MLF	60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,419.25	346.27
27 14 23 16-0098	MLF	72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,497.17	346.27
27 14 23 16-0099	MLF	96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,792.89	346.27

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0100		**50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 14 23 16-0085)*		
27 14 23 16-0101	MLF	1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	800.29	296.80
27 14 23 16-0102	MLF	2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	999.78	296.80
27 14 23 16-0103	MLF	4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,284.85	296.80
27 14 23 16-0104	MLF	6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,567.39	296.80
27 14 23 16-0105	MLF	8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,932.46	296.80
27 14 23 16-0106	MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,392.58	296.80
27 14 23 16-0107	MLF	18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,953.29	346.27
27 14 23 16-0108	MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,390.87	346.27
27 14 23 16-0109	MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,046.21	346.27
27 14 23 16-0110	MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,501.96	346.27
27 14 23 16-0111	MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,910.20	346.27
27 14 23 16-0112	MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,860.83	346.27
27 14 23 16-0113	MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	23,019.47	346.27
27 14 23 16-0114		**62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 14 23 16-0085)*		
27 14 23 16-0115	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	815.57	296.80
27 14 23 16-0116	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,025.04	296.80
27 14 23 16-0117	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,324.36	296.80
27 14 23 16-0118	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,621.02	296.80
27 14 23 16-0119	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,004.35	296.80
27 14 23 16-0120	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,487.47	296.80
27 14 23 16-0121	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,222.10	346.27
27 14 23 16-0122	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,681.55	346.27
27 14 23 16-0123	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,419.66	346.27
27 14 23 16-0124	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,048.20	346.27
27 14 23 16-0125	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,626.85	346.27
27 14 23 16-0126	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,725.02	346.27
27 14 23 16-0127	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	23,131.69	346.27
27 14 23 16-0128		**Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 14 23 16-0084)*		
27 14 23 16-0129		**Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 14 23 16-0128)*		
27 14 23 16-0130	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,317.83	296.80
27 14 23 16-0131	MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,662.62	296.80
27 14 23 16-0132	MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,491.55	296.80
27 14 23 16-0133	MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,303.96	296.80
27 14 23 16-0134	MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,600.47	296.80
27 14 23 16-0135	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,002.06	346.27
27 14 23 16-0136	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,306.99	346.27
27 14 23 16-0137	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,014.73	346.27
27 14 23 16-0138	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,505.20	346.27
27 14 23 16-0139		**50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 14 23 16-0128)*		
27 14 23 16-0140	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,457.16	296.80
27 14 23 16-0141	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,938.93	296.80
27 14 23 16-0142	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,904.85	296.80
27 14 23 16-0143	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,856.56	296.80

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0144	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,429.42	296.80
27 14 23 16-0145	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,492.20	346.27
27 14 23 16-0146	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,967.20	346.27
27 14 23 16-0147	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	16,503.89	346.27
27 14 23 16-0148	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	20,823.28	346.27

27 14 23 16-0149 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0128)*

27 14 23 16-0150	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,555.28	296.80
27 14 23 16-0151	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,061.14	296.80
27 14 23 16-0152	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,075.35	296.80
27 14 23 16-0153	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,074.65	296.80
27 14 23 16-0154	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,726.16	296.80
27 14 23 16-0155	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,937.96	346.27
27 14 23 16-0156	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,536.70	346.27
27 14 23 16-0157	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,300.23	346.27
27 14 23 16-0158	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	21,835.58	346.27

27 14 23 16-0159 Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0001)*

Note: For non-conduit installations such as cable trays, surface runways, etc.

27 14 23 16-0160 Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0159)*

27 14 23 16-0161 Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0160)*

27 14 23 16-0162 Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0161)*

27 14 23 16-0163	MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	909.61	395.74
27 14 23 16-0164	MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	982.12	395.74
27 14 23 16-0165	MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,107.15	395.74
27 14 23 16-0166	MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,272.19	395.74
27 14 23 16-0167	MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,397.20	395.74
27 14 23 16-0168	MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,682.27	395.74
27 14 23 16-0169	MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,555.11	445.20
27 14 23 16-0170	MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,064.60	445.20
27 14 23 16-0171	MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,780.36	445.20
27 14 23 16-0172	MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,593.05	445.20
27 14 23 16-0173	MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,278.20	445.20
27 14 23 16-0174	MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,991.07	445.20
27 14 23 16-0175	MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,941.49	445.20
27 14 23 16-0176	MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,726.80	494.67
27 14 23 16-0177	MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,427.16	494.67

27 14 23 16-0178 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0161)*

27 14 23 16-0179	MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	935.36	395.74
27 14 23 16-0180	MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,122.15	395.74
27 14 23 16-0181	MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,422.22	395.74
27 14 23 16-0182	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,709.79	395.74
27 14 23 16-0183	MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,964.85	395.74
27 14 23 16-0184	MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,542.44	395.74
27 14 23 16-0185	MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,962.92	445.20
27 14 23 16-0186	MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,468.04	445.20
27 14 23 16-0187	MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,211.10	445.20
27 14 23 16-0188	MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,368.88	445.20
27 14 23 16-0189	MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,814.40	445.20
27 14 23 16-0190	MLF	72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,374.72	445.20
27 14 23 16-0191	MLF	96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,533.11	445.20
27 14 23 16-0192	MLF	120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	20,773.74	494.67
27 14 23 16-0193	MLF	144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	23,922.01	494.67

27 14 23 16-0194 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0161)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0195	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	949.15	395.74
27 14 23 16-0196	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,145.28	395.74
27 14 23 16-0197	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,460.35	395.74
27 14 23 16-0198	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,762.30	395.74
27 14 23 16-0199	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,030.11	395.74
27 14 23 16-0200	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,636.59	395.74
27 14 23 16-0201	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,173.97	445.20
27 14 23 16-0202	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,704.34	445.20
27 14 23 16-0203	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,584.55	445.20
27 14 23 16-0204	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,800.22	445.20
27 14 23 16-0205	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,368.02	445.20
27 14 23 16-0206	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,006.36	445.20
27 14 23 16-0207	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,372.66	445.20
27 14 23 16-0208	MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	21,771.20	494.67
27 14 23 16-0209	MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	24,037.50	494.67

27 14 23 16-0210 Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0160)*

27 14 23 16-0211 Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0210)*

27 14 23 16-0212	MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,616.01	395.74
27 14 23 16-0213	MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,899.41	395.74
27 14 23 16-0214	MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,522.86	395.74
27 14 23 16-0215	MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,820.42	395.74
27 14 23 16-0216	MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,701.32	395.74
27 14 23 16-0217	MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,099.19	445.20
27 14 23 16-0218	MLF	24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,405.15	445.20
27 14 23 16-0219	MLF	36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,995.84	445.20
27 14 23 16-0220	MLF	48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,015.04	445.20

27 14 23 16-0221 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0210)*

27 14 23 16-0222	MLF	2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,875.78	395.74
27 14 23 16-0223	MLF	4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,265.46	395.74
27 14 23 16-0224	MLF	6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,973.96	395.74
27 14 23 16-0225	MLF	8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,375.41	395.74
27 14 23 16-0226	MLF	12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,922.28	395.74
27 14 23 16-0227	MLF	18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,386.26	445.20
27 14 23 16-0228	MLF	24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,063.04	445.20
27 14 23 16-0229	MLF	36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,364.56	445.20
27 14 23 16-0230	MLF	48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,191.40	445.20

27 14 23 16-0231 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0210)*

27 14 23 16-0232	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,936.59	395.74
27 14 23 16-0233	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,345.76	395.74
27 14 23 16-0234	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,089.68	395.74
27 14 23 16-0235	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,511.20	395.74
27 14 23 16-0236	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,135.42	395.74
27 14 23 16-0237	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,668.48	445.20
27 14 23 16-0238	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,429.09	445.20
27 14 23 16-0239	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,895.69	445.20
27 14 23 16-0240	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,863.87	445.20

27 14 23 16-0241 Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0159)*

27 14 23 16-0242 Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0241)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0243		Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0242)*		
27 14 23 16-0244	MLF	1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	909.61	395.74
27 14 23 16-0245	MLF	2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,032.13	395.74
27 14 23 16-0246	MLF	4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,172.17	395.74
27 14 23 16-0247	MLF	6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,307.20	395.74
27 14 23 16-0248	MLF	8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,557.25	395.74
27 14 23 16-0249	MLF	12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,732.28	395.74
27 14 23 16-0250	MLF	18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,030.20	445.20
27 14 23 16-0251	MLF	24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,737.86	445.20
27 14 23 16-0252	MLF	36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,101.08	445.20
27 14 23 16-0253	MLF	48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,731.00	445.20
27 14 23 16-0254	MLF	60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,584.14	445.20
27 14 23 16-0255	MLF	72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,662.06	445.20
27 14 23 16-0256	MLF	96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,957.78	445.20
27 14 23 16-0257		50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0242)*		
27 14 23 16-0258	MLF	1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	965.18	395.74
27 14 23 16-0259	MLF	2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,164.67	395.74
27 14 23 16-0260	MLF	4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,449.74	395.74
27 14 23 16-0261	MLF	6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,732.28	395.74
27 14 23 16-0262	MLF	8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,097.35	395.74
27 14 23 16-0263	MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,557.47	395.74
27 14 23 16-0264	MLF	18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,118.18	445.20
27 14 23 16-0265	MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,555.76	445.20
27 14 23 16-0266	MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,211.10	445.20
27 14 23 16-0267	MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,666.85	445.20
27 14 23 16-0268	MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,075.09	445.20
27 14 23 16-0269	MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,025.72	445.20
27 14 23 16-0270	MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	23,184.36	445.20
27 14 23 16-0271		62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0242)*		
27 14 23 16-0272	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	980.46	395.74
27 14 23 16-0273	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,189.93	395.74
27 14 23 16-0274	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,489.25	395.74
27 14 23 16-0275	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,785.91	395.74
27 14 23 16-0276	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,169.24	395.74
27 14 23 16-0277	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,652.36	395.74
27 14 23 16-0278	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,386.99	445.20
27 14 23 16-0279	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,846.44	445.20
27 14 23 16-0280	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,584.55	445.20
27 14 23 16-0281	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,213.09	445.20
27 14 23 16-0282	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,791.74	445.20
27 14 23 16-0283	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,889.91	445.20
27 14 23 16-0284	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	23,296.58	445.20
27 14 23 16-0285		Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0241)*		
27 14 23 16-0286		Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0285)*		
27 14 23 16-0287	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,482.72	395.74
27 14 23 16-0288	MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,827.51	395.74
27 14 23 16-0289	MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,656.44	395.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0290	MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,468.85	395.74
27 14 23 16-0291	MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,765.36	395.74
27 14 23 16-0292	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,166.95	445.20
27 14 23 16-0293	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,471.88	445.20
27 14 23 16-0294	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,179.62	445.20
27 14 23 16-0295	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,670.09	445.20
27 14 23 16-0296		50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0285)*		
27 14 23 16-0297	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,622.05	395.74
27 14 23 16-0298	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,103.82	395.74
27 14 23 16-0299	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,069.74	395.74
27 14 23 16-0300	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,021.45	395.74
27 14 23 16-0301	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,594.31	395.74
27 14 23 16-0302	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,657.09	445.20
27 14 23 16-0303	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,132.09	445.20
27 14 23 16-0304	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,668.78	445.20
27 14 23 16-0305	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	20,988.17	445.20
27 14 23 16-0306		62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0285)*		
27 14 23 16-0307	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,720.17	395.74
27 14 23 16-0308	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,226.03	395.74
27 14 23 16-0309	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,240.24	395.74
27 14 23 16-0310	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,239.54	395.74
27 14 23 16-0311	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,891.05	395.74
27 14 23 16-0312	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,102.85	445.20
27 14 23 16-0313	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,701.59	445.20
27 14 23 16-0314	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,465.12	445.20
27 14 23 16-0315	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	22,000.47	445.20
27 14 23 16-0316		Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0001)* Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.		
27 14 23 16-0317		Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0316)*		
27 14 23 16-0318	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,186.56	296.80
27 14 23 16-0319	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,948.32	296.80
27 14 23 16-0320	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	4,604.01	346.27
27 14 23 16-0321	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	7,319.92	346.27
27 14 23 16-0322		Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0316)*		
27 14 23 16-0323	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,445.40	296.80
27 14 23 16-0324	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,980.85	296.80
27 14 23 16-0325	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	5,484.71	346.27
27 14 23 16-0326	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	9,539.16	346.27
27 14 23 16-0327		Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0001)* Note: Singlemode and multimode combination cable. For non-conduit installations such as cable trays, surface runways, etc.		
27 14 23 16-0328		Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0327)*		
27 14 23 16-0329	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,351.45	395.74
27 14 23 16-0330	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,113.21	395.74
27 14 23 16-0331	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	4,768.90	445.20

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0332		MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	7,484.81	445.20

27 14 23 16-0333 Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0327)*

27 14 23 16-0334		MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,610.29	395.74
27 14 23 16-0335		MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,145.74	395.74
27 14 23 16-0336		MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	5,649.60	445.20
27 14 23 16-0337		MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	9,704.05	445.20

27 14 23 16-0338 Outdoor Fiber Optic Cable *(27 14 23 16)*

27 14 23 16-0339 Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0338)*

Note: Excludes conduit or innerduct.

27 14 23 16-0340 Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0339)*

27 14 23 16-0341 Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0340)*

27 14 23 16-0342		MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,524.85	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0343		MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,553.49	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0344		MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,602.18	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0345		MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,673.77	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0346		MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,721.01	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0347		MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,852.58	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0348		MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,980.67	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0349		MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,231.23	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0350		MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,481.55	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0351		MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,738.28	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0352		MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,059.17	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0353		MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,704.20	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0354		MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,355.60	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0355		MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,026.30	593.61
			For Armored Cable, Add	*90.00*	

27 14 23 16-0356 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0340)*

27 14 23 16-0357		MLF	2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,739.51	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0358		MLF	4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,878.43	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0359		MLF	6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,038.17	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0360		MLF	8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,229.20	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0361		MLF	12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,552.18	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0362		MLF	18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,066.17	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0363		MLF	24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,576.70	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0364		MLF	36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,656.81	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0365		MLF	48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,570.17	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0366		MLF	60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,560.00	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0367		MLF	72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,650.49	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0368		MLF	96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	9,946.12	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0369		MLF	120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	13,170.01	593.61
			For Armored Cable, Add	*90.00*	
27 14 23 16-0370		MLF	144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	18,315.99	593.61
			For Armored Cable, Add	*90.00*	

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

27 14 23 16-0371 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0340)*

27 14 23 16-0372 MLF 2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,777.02 593.61
For Armored Cable, Add *90.00*
27 14 23 16-0373 MLF 4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,922.88 593.61
For Armored Cable, Add *90.00*
27 14 23 16-0374 MLF 6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,090.61 593.61
For Armored Cable, Add *90.00*
27 14 23 16-0375 MLF 8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,291.19 593.61
For Armored Cable, Add *90.00*
27 14 23 16-0376 MLF 12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,630.32 593.61
For Armored Cable, Add *90.00*
27 14 23 16-0377 MLF 18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 3,170.01 593.61
For Armored Cable, Add *90.00*
27 14 23 16-0378 MLF 24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 3,706.07 593.61
For Armored Cable, Add *90.00*
27 14 23 16-0379 MLF 36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 4,840.18 593.61
For Armored Cable, Add *90.00*
27 14 23 16-0380 MLF 48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 5,799.21 593.61
For Armored Cable, Add *90.00*
27 14 23 16-0381 MLF 60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 6,838.54 593.61
For Armored Cable, Add *90.00*
27 14 23 16-0382 MLF 72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 7,983.55 593.61
For Armored Cable, Add *90.00*
27 14 23 16-0383 MLF 96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 10,393.96 593.61
For Armored Cable, Add *90.00*
27 14 23 16-0384 MLF 120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 13,779.05 593.61
For Armored Cable, Add *90.00*
27 14 23 16-0385 MLF 144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 19,182.32 593.61
For Armored Cable, Add *90.00*

27 14 23 16-0386 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0339)*

27 14 23 16-0387 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0386)*

27 14 23 16-0388 MLF 2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,702.41 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0389 MLF 4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,751.07 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0390 MLF 6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,796.91 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0391 MLF 8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,845.60 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0392 MLF 12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,948.71 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0393 MLF 18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,067.56 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0394 MLF 24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,186.33 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0395 MLF 36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,436.63 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0396 MLF 48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,686.95 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0397 MLF 60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,940.44 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0398 MLF 72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 3,277.39 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0399 MLF 96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 3,925.61 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0400 MLF 120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 4,650.86 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0401 MLF 144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 5,260.56 593.61
For Armored Cable, Add *70.00*

27 14 23 16-0402 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0386)*

27 14 23 16-0403 MLF 2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,954.82 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0404 MLF 4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,097.20 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0405 MLF 6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,256.98 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0406 MLF 8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,441.05 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0407 MLF 12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,767.51 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0408 MLF 18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 3,298.86 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0409 MLF 24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 3,819.79 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0410 MLF 36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 4,910.32 593.61
For Armored Cable, Add *70.00*
27 14 23 16-0411 MLF 48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 6,075.16 593.61
For Armored Cable, Add *70.00*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0412	MLF	60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,103.99	593.61
		For Armored Cable, Add	*70.00*	
27 14 23 16-0413	MLF	72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,132.83	593.61
		For Armored Cable, Add	*70.00*	
27 14 23 16-0414	MLF	96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,425.83	593.61
		For Armored Cable, Add	*70.00*	
27 14 23 16-0415	MLF	120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	12,819.94	593.61
		For Armored Cable, Add	*70.00*	
27 14 23 16-0416	MLF	144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	19,273.28	593.61
		For Armored Cable, Add	*70.00*	

27 14 23 16-0417 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0386)*

27 14 23 16-0418	MLF	2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,003.09	593.61
		For Armored Cable, Add	*70.00*	
27 14 23 16-0419	MLF	4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,152.59	593.61
		For Armored Cable, Add	*70.00*	
27 14 23 16-0420	MLF	6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,320.36	593.61
		For Armored Cable, Add	*70.00*	
27 14 23 16-0421	MLF	8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,513.63	593.61
		For Armored Cable, Add	*70.00*	
27 14 23 16-0422	MLF	12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,856.42	593.61
		For Armored Cable, Add	*70.00*	
27 14 23 16-0423	MLF	18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,414.34	593.61
		For Armored Cable, Add	*70.00*	
27 14 23 16-0424	MLF	24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,961.31	593.61
		For Armored Cable, Add	*70.00*	
27 14 23 16-0425	MLF	36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,106.37	593.61
		For Armored Cable, Add	*70.00*	
27 14 23 16-0426	MLF	48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,329.45	593.61
		For Armored Cable, Add	*70.00*	
27 14 23 16-0427	MLF	60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,409.73	593.61
		For Armored Cable, Add	*70.00*	
27 14 23 16-0428	MLF	72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,490.00	593.61
		For Armored Cable, Add	*70.00*	
27 14 23 16-0429	MLF	96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,897.66	593.61
		For Armored Cable, Add	*70.00*	
27 14 23 16-0430	MLF	120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	13,411.47	593.61
		For Armored Cable, Add	*70.00*	
27 14 23 16-0431	MLF	144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	20,187.48	593.61
		For Armored Cable, Add	*70.00*	

27 14 23 16-0432 Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0338)*

Note: Excludes trenching.

27 14 23 16-0433 Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0432)*

27 14 23 16-0434 Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0433)*

27 14 23 16-0435	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,442.40	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0436	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,471.04	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0437	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,519.73	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0438	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,591.32	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0439	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,638.56	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0440	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,770.13	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0441	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,898.22	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0442	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,148.78	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0443	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,399.10	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0444	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,655.83	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0445	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,976.72	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0446	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,621.75	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0447	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,273.15	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0448	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,943.85	
		For Armored Cable, Add	*90.00*	

27 14 23 16-0449 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0433)*

27 14 23 16-0450	MLF	2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,657.06	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0451	MLF	4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,795.98	
		For Armored Cable, Add	*90.00*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0452	MLF	6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,955.72	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0453	MLF	8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,146.75	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0454	MLF	12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,469.73	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0455	MLF	18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,983.72	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0456	MLF	24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,494.25	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0457	MLF	36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,574.36	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0458	MLF	48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,487.72	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0459	MLF	60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,477.55	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0460	MLF	72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,568.04	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0461	MLF	96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	9,863.67	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0462	MLF	120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	13,087.56	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0463	MLF	144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	18,233.54	
		For Armored Cable, Add	*90.00*	

27 14 23 16-0464 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0433)*

27 14 23 16-0465	MLF	2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,694.57	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0466	MLF	4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,840.43	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0467	MLF	6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,008.16	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0468	MLF	8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,208.74	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0469	MLF	12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,547.87	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0470	MLF	18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,087.56	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0471	MLF	24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,623.62	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0472	MLF	36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,757.73	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0473	MLF	48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,716.76	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0474	MLF	60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,756.09	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0475	MLF	72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,901.10	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0476	MLF	96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,311.51	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0477	MLF	120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	13,696.60	
		For Armored Cable, Add	*90.00*	
27 14 23 16-0478	MLF	144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	19,099.87	
		For Armored Cable, Add	*90.00*	

27 14 23 16-0479 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0432)*

27 14 23 16-0480 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0479)*

27 14 23 16-0481	MLF	2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,619.96	
		For Armored Cable, Add	*70.00*	
27 14 23 16-0482	MLF	4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,668.62	
		For Armored Cable, Add	*70.00*	
27 14 23 16-0483	MLF	6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,714.46	
		For Armored Cable, Add	*70.00*	
27 14 23 16-0484	MLF	8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,763.15	
		For Armored Cable, Add	*70.00*	
27 14 23 16-0485	MLF	12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,866.26	
		For Armored Cable, Add	*70.00*	
27 14 23 16-0486	MLF	18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,985.11	
		For Armored Cable, Add	*70.00*	
27 14 23 16-0487	MLF	24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,103.88	
		For Armored Cable, Add	*70.00*	
27 14 23 16-0488	MLF	36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,354.18	
		For Armored Cable, Add	*70.00*	
27 14 23 16-0489	MLF	48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,604.50	
		For Armored Cable, Add	*70.00*	
27 14 23 16-0490	MLF	60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,857.99	
		For Armored Cable, Add	*70.00*	
27 14 23 16-0491	MLF	72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,194.94	
		For Armored Cable, Add	*70.00*	
27 14 23 16-0492	MLF	96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,843.16	
		For Armored Cable, Add	*70.00*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0493		MLF	120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,568.41	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0494		MLF	144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,178.11	
			For Armored Cable, Add	*70.00*	

27 14 23 16-0495 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0479)*

27 14 23 16-0496		MLF	2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,872.37	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0497		MLF	4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,014.75	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0498		MLF	6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,174.53	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0499		MLF	8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,358.60	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0500		MLF	12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,685.06	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0501		MLF	18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,216.41	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0502		MLF	24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,737.34	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0503		MLF	36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,827.87	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0504		MLF	48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,992.71	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0505		MLF	60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,021.54	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0506		MLF	72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,050.38	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0507		MLF	96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,343.38	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0508		MLF	120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	12,737.49	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0509		MLF	144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	19,190.83	
			For Armored Cable, Add	*70.00*	

27 14 23 16-0510 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0479)*

27 14 23 16-0511		MLF	2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,920.64	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0512		MLF	4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,070.14	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0513		MLF	6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,237.91	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0514		MLF	8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,431.18	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0515		MLF	12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,773.97	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0516		MLF	18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,331.89	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0517		MLF	24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,878.86	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0518		MLF	36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,023.92	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0519		MLF	48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,247.00	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0520		MLF	60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,327.28	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0521		MLF	72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,407.55	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0522		MLF	96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,815.21	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0523		MLF	120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	13,329.02	
			For Armored Cable, Add	*70.00*	
27 14 23 16-0524		MLF	144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	20,105.03	
			For Armored Cable, Add	*70.00*	

27 14 23 16-0525 (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 14 23 16-0338)*

27 14 23 16-0526 Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 14 23 16-0525)*

27 14 23 16-0527 Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 14 23 16-0526)*

27 14 23 16-0528		MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,557.06	2,260.20
			For Armored Cable, Add	*90.00*	
27 14 23 16-0529		MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,535.37	2,260.20
			For Armored Cable, Add	*90.00*	
27 14 23 16-0530		MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,584.05	2,260.20
			For Armored Cable, Add	*90.00*	
27 14 23 16-0531		MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,699.85	2,260.20
			For Armored Cable, Add	*90.00*	
27 14 23 16-0532		MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,758.76	2,260.20
			For Armored Cable, Add	*90.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0533	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,945.96	2,260.20
		For Armored Cable, Add	*90.00*	
27 14 23 16-0534	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	7,096.68	2,260.20
		For Armored Cable, Add	*90.00*	
27 14 23 16-0535	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	7,428.84	2,260.20
		For Armored Cable, Add	*90.00*	
27 14 23 16-0536	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	7,741.04	2,260.20
		For Armored Cable, Add	*90.00*	
27 14 23 16-0537	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	8,522.10	2,260.20
		For Armored Cable, Add	*90.00*	
27 14 23 16-0538	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,038.27	2,260.20
		For Armored Cable, Add	*90.00*	
27 14 23 16-0539	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,106.08	2,260.20
		For Armored Cable, Add	*90.00*	
27 14 23 16-0540	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	11,115.66	2,260.20
		For Armored Cable, Add	*90.00*	
27 14 23 16-0541	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	12,159.84	2,260.20
		For Armored Cable, Add	*90.00*	

27 14 23 16-0542 Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0338)*
Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.

27 14 23 16-0543 Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0542)*

27 14 23 16-0544	MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	2,900.55	494.67
27 14 23 16-0545	MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	3,701.55	494.67
27 14 23 16-0546	MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	5,485.92	494.67

27 14 23 16-0547 Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0542)*

27 14 23 16-0548	MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	3,922.20	494.67
27 14 23 16-0549	MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,377.40	494.67
27 14 23 16-0550	MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	6,368.57	494.67

27 14 23 16-0551 Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0338)*
Note: Singlemode and multimode combination cable. Excludes trenching.

27 14 23 16-0552 Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0551)*

27 14 23 16-0553	MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	2,818.10	453.45
27 14 23 16-0554	MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	3,619.10	453.45
27 14 23 16-0555	MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	5,403.47	453.45

27 14 23 16-0556 Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0551)*

27 14 23 16-0557	MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	3,839.75	453.45
27 14 23 16-0558	MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,294.95	453.45
27 14 23 16-0559	MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	6,286.12	453.45

27 14 33 Communications Coaxial Cabling *(27 14)*

27 14 33 16 Communications Coaxial Cabling *(27 14 33)*

27 14 33 16-0001 Indoor Coaxial Cable *(27 14 33 16)*

27 14 33 16-0002 Coaxial Distribution Cable *(27 14 33 16-0001)*
Note: Cables shall be as Belden, Times Fiber, West Penn or approved equal

27 14 33 16-0003	MLF	RG-6/U Coaxial Distribution Cable, In Conduit	1,559.98	241.19
27 14 33 16-0004	MLF	RG-6A/U Coaxial Distribution Cable, In Conduit	5,539.51	241.19
27 14 33 16-0005	MLF	RG-8/U Coaxial Distribution Cable, In Conduit	2,964.11	254.76
27 14 33 16-0006	MLF	RG-8A/U Coaxial Distribution Cable, In Conduit	3,711.63	254.76
27 14 33 16-0007	MLF	RG-11/U Coaxial Distribution Cable, In Conduit	3,327.81	301.49
27 14 33 16-0008	MLF	RG-11A/U Coaxial Distribution Cable, In Conduit	4,773.47	301.49
27 14 33 16-0009	MLF	RG-11/U Coaxial Distribution Cable, In Plenum	10,695.66	602.98
27 14 33 16-0010	MLF	RG-58/U Coaxial Distribution Cable, In Conduit	1,162.29	211.05
27 14 33 16-0011	MLF	RG-58A/U Coaxial Distribution Cable, In Conduit	1,310.42	211.05
27 14 33 16-0012	MLF	RG-58C/U Coaxial Distribution Cable, In Conduit	1,571.36	211.05
27 14 33 16-0013	MLF	RG-58/U Coaxial Distribution Cable, In Plenum	3,803.36	422.09
27 14 33 16-0014	MLF	RG-59/U Coaxial Distribution Cable, In Conduit	1,854.33	211.05
27 14 33 16-0015	MLF	RG-59/U Coaxial Distribution Cable, In Plenum	4,579.75	422.09
27 14 33 16-0016	MLF	1/2" Hard Line Coaxial, In Conduit	1,898.76	422.09

27 14 33 16-0017 Coaxial, Indoor Telecommunications Cable *(27 14 33 16-0001)*

27 14 33 16-0018 Coaxial, Indoor Telecommunications Cable, Installed In Conduit *(27 14 33 16-0017)*

27 14 33 16-0019	MLF	RG 59/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9108)	991.88	346.27

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 33 16-0020	MLF	RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82108)	2,174.90	346.27
27 14 33 16-0021	MLF	RG 6/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9114)	859.28	395.74
27 14 33 16-0022	MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82120)	2,723.35	395.74
27 14 33 16-0023		Coaxial, Indoor Telecommunications Cable, Installed Exposed *(27 14 33 16-0017)*		
27 14 33 16-0024	MLF	RG 59/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9108)	1,568.99	692.54
27 14 33 16-0025	MLF	RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82108)	2,752.01	692.54
27 14 33 16-0026	MLF	RG 6/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9114)	1,518.84	791.47
27 14 33 16-0027	MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82120)	3,382.91	791.47
27 14 33 16-0028		Outdoor Coaxial Cable *(27 14 33 16)*		
27 14 33 16-0029		Coaxial Cables "Television" Copper Covered Aluminum Center Core *(27 14 33 16-0028)*		
		Note: Corrugated steel armor jacket.		
27 14 33 16-0030	MLF	TV Coaxial Trunk Cable 3/4" Diameter, Direct Burial	4,468.28	1,128.49
27 14 33 16-0031	MLF	TV Coaxial Distribution Cable 1/2" Diameter, Direct Burial	2,829.30	793.75
27 14 33 16-0032	MLF	TV Coaxial Distribution Cable 3/8" Diameter, Direct Burial	2,360.67	468.29
27 14 33 16-0033	MLF	TV Coaxial Cable Drop 1/4" Diameter, Direct Burial	1,323.05	468.29
27 14 33 16-0034	MLF	TV Coaxial Cable Drop 1/4" Diameter, Placed In Conduit	1,981.62	731.72
27 14 43		**Communications Faceplates And Connectors** *(27 14)*		
27 14 43 00-0001		Plastic Communications Faceplates *(27 14 43)*		
		Note: Excludes modular jacks. See CSI section 27 14 43 00-0035 for modular jacks.		
27 14 43 00-0002	EA	One Port, Single Gang, Plastic Communication Faceplate With Station ID	6.30	2.07
27 14 43 00-0003	EA	Two Port, Single Gang, Plastic Communication Faceplate With Station ID	6.30	2.07
27 14 43 00-0004	EA	Three Port, Single Gang, Plastic Communication Faceplate With Station ID	6.30	2.07
27 14 43 00-0005	EA	Four Port, Single Gang, Plastic Communication Faceplate With Station ID	6.30	2.07
27 14 43 00-0006	EA	Six Port, Single Gang, Plastic Communication Faceplate With Station ID	6.30	2.07
27 14 43 00-0007	EA	Four Port, Double Gang, Plastic Communications Faceplate With Station ID	9.40	2.07
27 14 43 00-0008	EA	Six Port, Double Gang, Plastic Communication Faceplate With Station ID	9.40	2.07
27 14 43 00-0009	EA	Eight Port, Double Gang, Plastic Communication Faceplate With Station ID	9.40	2.07
27 14 43 00-0010	EA	Nine Port, Double Gang, Plastic Communication Faceplate With Station ID	9.40	2.07
27 14 43 00-0011	EA	Twelve Port, Double Gang, Plastic Communication Faceplate With Station ID	9.40	2.07
27 14 43 00-0012		Stainless Steel Communications Faceplates *(27 14 43)*		
		Note: Excludes modular jacks. See CSI section 27 14 43 00-0035 for modular jacks.		
27 14 43 00-0013		Stainless Steel Communications Faceplates *(27 14 43 00-0012)*		
27 14 43 00-0014	EA	One Port, Single Gang, Stainless Steel Communications Faceplate	11.54	2.07
27 14 43 00-0015	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate	11.54	2.07
27 14 43 00-0016	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate	11.54	2.07
27 14 43 00-0017	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate	12.31	2.07
27 14 43 00-0018	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate	12.31	2.07
27 14 43 00-0019	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate	16.45	2.07
27 14 43 00-0020	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate	16.93	2.07
27 14 43 00-0021	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate	19.53	2.07
27 14 43 00-0022	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate	19.53	2.07
27 14 43 00-0023	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate	19.53	2.07
27 14 43 00-0024		Stainless Steel Communications Faceplates With Station ID *(27 14 43 00-0012)*		
27 14 43 00-0025	EA	One Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	16.36	2.07
27 14 43 00-0026	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	16.36	2.07
27 14 43 00-0027	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	16.36	2.07
27 14 43 00-0028	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	16.36	2.07
27 14 43 00-0029	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	16.36	2.07
27 14 43 00-0030	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	34.74	2.07
27 14 43 00-0031	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	34.74	2.07
27 14 43 00-0032	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	34.74	2.07
27 14 43 00-0033	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate With Station ID	34.74	2.07
27 14 43 00-0034	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	34.74	2.07
27 14 43 00-0035		Snap-In Modular Jacks *(27 14 43)*		
		Note: Includes termination.		
27 14 43 00-0036	EA	Cat 3, Snap-In Modular Jack	22.00	8.26
27 14 43 00-0037	EA	Cat 5E, Snap-In Modular Jack	23.06	8.26
27 14 43 00-0038	EA	Cat 5E Shielded, Snap-In Modular Jack	26.23	8.26
27 14 43 00-0039	EA	Cat 6, Snap-In Modular Jack	26.23	8.26
27 14 43 00-0040	EA	Cat 6 Shielded, Snap-In Modular Jack	29.80	8.26
27 14 43 00-0041	EA	Voice, RJ-11, Snap-In Modular Jack	14.30	4.13
27 14 43 00-0042	EA	SC Type Fiber Optic, Snap-In Modular Jack	24.40	8.26
27 14 43 00-0043	EA	ST Type Fiber Optic, Snap-In Modular Jack	27.10	8.26
27 14 43 00-0044	EA	LC Type Fiber Optic, Snap-In Modular Jack	32.39	8.26
27 14 43 00-0045	EA	Blank Fill In, Snap-In Modular Jack	4.63	2.07
27 14 43 00-0046	EA	Open Cable Pass Through Insert, Snap-In Modular Jack	5.19	2.07
27 14 43 00-0047	EA	Coaxial F-Type Coupler, Snap-In Modular Jack	18.26	6.19
		Note: Includes female to female connection.		
		For Gold Bulkhead, Add	*1.03*	
27 14 43 00-0048	EA	RCA Jack Pass-Through Coupler, Snap-In Modular Jack	18.46	6.19
		Note: Includes female to female connection.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 43 00-0049	EA	RCA Solder Coupler, Snap-In Modular Jack	37.55	8.26
27 14 43 00-0050	EA	RCA Jack With 110 Punch Down, Snap-In Modular Jack	45.35	8.26
27 14 43 00-0051	EA	3.5 m Mini Stereo Jack, Snap-In Modular Jack	22.77	8.26
27 14 43 00-0052	EA	MT-RJ Pass-Through Coupler, Snap-In Modular Jack	23.16	4.13
27 14 43 00-0053	EA	BNC Connector, Snap-In Modular Jack	25.94	8.26
27 14 43 00-0054	EA	S-Video With 110 Punch Down, Snap-In Modular Jack	28.83	8.26
27 14 43 00-0055	PR	Speaker Connectors, Snap-In Modular Jack Note: Includes a pair of binding posts, banana jacks or spring clip connectors. Requires two open ports.	37.62	12.39
27 14 43 00-0056	EA	USB Audio Video Connector, Snap-In Modular Jack	42.12	8.26
27 14 43 00-0057		Surface Mount Plastic Communication Boxes *(27 14 43)* Note: Excludes modular jacks. See CSI section 27 14 43 00-0035 for modular jacks.		
27 14 43 00-0058	EA	One Port, Surface Mount Plastic Communication Box With Station ID	23.38	10.32
27 14 43 00-0059	EA	Two Port, Surface Mount Plastic Communication Box With Station ID	23.87	10.32
27 14 43 00-0060	EA	Four Port, Surface Mount Plastic Communication Box With Station ID	27.19	10.32
27 14 43 00-0061	EA	Six Port, Surface Mount Plastic Communication Box With Station ID	31.13	10.32
27 14 43 00-0062	EA	Twelve Port, Surface Mount Plastic Communication Box With Station ID	35.27	10.32
27 14 43 00-0063		Wall Mounted Telephone Faceplates *(27 14 43)* Note: Includes standard telephone mounting studs.		
27 14 43 00-0064		Plastic Faceplates For Wall Mounted Telephones *(27 14 43 00-0063)*		
27 14 43 00-0065	EA	Single Gang, 6-Position RJ25 Jack, Flush, Plastic Faceplate For Wall Mounted Telephones	26.89	10.30
27 14 43 00-0066		Stainless Steel Faceplates For Wall Mounted Telephones *(27 14 43 00-0063)*		
27 14 43 00-0067	EA	Single Gang, Keystone Opening, Flush, Stainless Steel Faceplate For Wall Mounted Telephones Note: Requires one snap-in modular jack.	21.73	4.12
27 14 43 00-0068	EA	Single Gang, 6-Position RJ25 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	38.81	10.30
27 14 43 00-0069	EA	Single Gang, 8-Position RJ45 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	45.31	12.37
27 14 43 00-0070	EA	Single Gang, Keystone Opening, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones Note: Requires one snap-in modular jack.	20.94	4.12
27 14 43 00-0071	EA	Single Gang, 6-Position RJ25 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	35.49	10.30
27 14 43 00-0072	EA	Single Gang, 8-Position RJ45 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	42.07	12.37
27 14 43 00-0073		Communications Equipment Labeling *(27 14 43)*		
27 14 43 00-0074	EA	Label Both Ends Of One 4 Pair Cable	16.23	
27 14 43 00-0075	EA	Label single gang face plate (2 labels required)	12.98	
27 14 43 00-0076	EA	Label two gang face plate (4 labels required)	19.47	
27 14 43 00-0077	EA	Label both ends of a Siamese (dual 4 Pair cable)	16.23	
27 14 53		**Communications Cable Innerduct** *(27 14)* Note: Includes pull rope. Excludes conduit.		
27 14 53 00-0001		Indoor Innerduct *(27 14 53)*		
27 14 53 00-0002		Indoor Innerduct, Installed In Conduit *(27 14 53 00-0001)*		
27 14 53 00-0003		Riser Rated, Indoor Innerduct, Installed In Conduit *(27 14 53 00-0002)*		
27 14 53 00-0004	MLF	1" Riser Rated, Indoor Innerduct, Installed In Conduit	3,048.55	1,236.67
27 14 53 00-0005	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed In Conduit	3,970.91	1,648.90
27 14 53 00-0006	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed In Conduit	5,211.46	2,061.13
27 14 53 00-0007	MLF	2" Riser Rated, Indoor Innerduct, Installed In Conduit	6,121.59	2,473.35
27 14 53 00-0008		Plenum Rated, Indoor Innerduct, Installed In Conduit *(27 14 53 00-0002)*		
27 14 53 00-0009	MLF	1" Plenum Rated, Indoor Innerduct, Installed In Conduit	4,272.38	1,236.67
27 14 53 00-0010	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed In Conduit	5,402.79	1,648.90
27 14 53 00-0011	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed In Conduit	7,108.40	2,061.13
27 14 53 00-0012	MLF	2" Plenum Rated, Indoor Innerduct, Installed In Conduit	8,569.25	2,473.35
27 14 53 00-0013		Indoor Innerduct, Installed Exposed *(27 14 53 00-0001)*		
27 14 53 00-0014		Riser Rated, Indoor Innerduct, Installed Exposed *(27 14 53 00-0013)*		
27 14 53 00-0015	MLF	1" Riser Rated, Indoor Innerduct, Installed Exposed	3,873.00	1,648.90
27 14 53 00-0016	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed Exposed	4,795.36	2,061.13
27 14 53 00-0017	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed Exposed	6,035.92	2,473.35
27 14 53 00-0018	MLF	2" Riser Rated, Indoor Innerduct, Installed Exposed	6,946.03	2,885.58
27 14 53 00-0019		Plenum Rated, Indoor Innerduct, Installed Exposed *(27 14 53 00-0013)*		
27 14 53 00-0020	MLF	1" Plenum Rated, Indoor Innerduct, Installed Exposed	5,096.83	1,648.90
27 14 53 00-0021	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed Exposed	6,227.24	2,061.13
27 14 53 00-0022	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed Exposed	7,932.86	2,473.35
27 14 53 00-0023	MLF	2" Plenum Rated, Indoor Innerduct, Installed Exposed	9,393.69	2,885.58
27 14 53 00-0024		Outdoor Innerduct *(27 14 53)*		
27 14 53 00-0025		Outdoor Innerduct, Installed In Conduit *(27 14 53 00-0024)*		
27 14 53 00-0026	MLF	1" Outdoor Innerduct, Installed In Conduit	2,901.69	1,236.67

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 53 00-0027	MLF	1-1/4" Outdoor Innerduct, Installed In Conduit	3,754.34	1,648.90
27 14 53 00-0028	MLF	1-1/2" Outdoor Innerduct, Installed In Conduit	4,773.57	2,061.13
27 14 53 00-0029	MLF	2" Outdoor Innerduct, Installed In Conduit	5,707.20	2,473.35

27 14 53 00-0030 Outdoor Innerduct, Buried In Trench *(27 14 53 00-0024)*

27 14 53 00-0031	MLF	1" Outdoor Innerduct, Buried In Trench	2,077.24	
27 14 53 00-0032	MLF	1-1/4" Outdoor Innerduct, Buried In Trench	2,929.89	
27 14 53 00-0033	MLF	1-1/2" Outdoor Innerduct, Buried In Trench	3,949.12	
27 14 53 00-0034	MLF	2" Outdoor Innerduct, Buried In Trench	4,882.74	

27 16 Communications Connecting Cords, Devices, And Adapters *(27 10)*

27 16 16 Communications Media Converters, Adapters, and Transceivers *(27 16)*

27 16 16 00-0001 Fiber Optic Receivers *(27 16 16)*

27 16 16 00-0002	EA	Fiber Optic Receiver, Range 6.2 Miles	703.75	41.22

27 16 16 00-0003 Fiber Optic Transmitters *(27 16 16)*

27 16 16 00-0004	EA	Fiber Optic Transmitter, Range 6.2 Miles	703.74	41.22

27 16 16 00-0005 Fiber Optic Repeaters *(27 16 16)*

Note: Consist of transmitter and receiver, back-to-back. Excludes power source.

27 16 16 00-0006	EA	Fiber Optic Repeater, 6.2 Miles Transmitter And Receiver Back-Back, No Power	786.18	82.45
27 16 16 00-0007	EA	Fiber Optic Digital Repeater, 2000 Miles Transmitter And Receiver Back-Back, No Power	1,225.82	164.89

27 16 16 00-0008 Fiber Optic Transceivers *(27 16 16)*

27 16 16 00-0009	EA	Fiber Optic Transceivers, 3000 Miles Range	804.38	164.89
27 16 16 00-0010	EA	Fiber Optic Transceivers, Digital 2000 Miles Range	804.38	164.89
27 16 16 00-0011	EA	Fiber Optic Ethernet Transceiver	1,059.95	247.34
27 16 16 00-0012	EA	Transceiver (Low Cost Bi- Directional)	392.18	61.83

27 16 19 Communications Patch Cords, Station Cords, And Cross Connect Wire *(27 16)*

27 16 19 00-0001 Cross Connect Wire *(27 16 19)*

Note: Up to 20' length.

27 16 19 00-0002	EA	2-Pair Cross Connect Wire	8.25	
27 16 19 00-0003	EA	3-Pair Cross Connect Wire	9.89	
27 16 19 00-0004	EA	4-Pair Cross Connect Wire	12.37	

27 16 19 00-0005 Fiber Optic Patch Cords *(27 16 19)*

27 16 19 00-0006 Simplex Fiber Optic Patch Cables *(27 16 19 00-0005)*

27 16 19 00-0007 Singlemode, Simplex Fiber Optic Patch Cables *(27 16 19 00-0006)*

27 16 19 00-0008	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	29.24	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0009	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	24.17	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0010	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	30.76	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0011	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	25.33	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0012	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	29.03	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0013	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	28.62	
		For Each Additional Meter In Length, Add	*0.26*	

27 16 19 00-0014 Duplex Fiber Optic Patch Cables *(27 16 19 00-0005)*

27 16 19 00-0015 Singlemode, Duplex Fiber Optic Patch Cables *(27 16 19 00-0014)*

27 16 19 00-0016	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	49.62	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0017	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	48.19	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0018	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	53.27	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0019	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	41.81	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0020	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	49.20	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0021	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	48.39	
		For Each Additional Meter In Length, Add	*0.51*	

27 16 19 00-0022 Multimode, Duplex Fiber Optic Patch Cables *(27 16 19 00-0014)*

27 16 19 00-0023	EA	ST To ST Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	37.90	
		For Each Additional Meter In Length, Add	*1.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 16 19 00-0024	EA	ST To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	41.21	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0025	EA	ST To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	41.55	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0026	EA	ST To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	42.62	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0027	EA	SC To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	38.04	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0028	EA	SC To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	42.81	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0029	EA	SC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	49.99	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0030	EA	MTRJ To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	34.99	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0031	EA	LC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	42.19	
		For Each Additional Meter In Length, Add	*1.48*	

27 16 19 00-0032 Fiber Optic Cable Pig Tail *(27 16 19)*

27 16 19 00-0033	EA	Simplex Fiber Optic Cable Pig Tail	52.84	28.85
27 16 19 00-0034	EA	Duplex Fiber Optic Cable Pig Tail	64.87	28.85

27 16 19 00-0035 Ethernet Patch Cords *(27 16 19)*

27 16 19 00-0036	EA	3' Category 5E Patch Cables With Boots	13.00	
27 16 19 00-0037	EA	5' Category 5E Patch Cables With Boots	13.73	
27 16 19 00-0038	EA	7' Category 5E Patch Cables With Boots	14.46	
27 16 19 00-0039	EA	10' Category 5E Patch Cables With Boots	19.69	
27 16 19 00-0040	EA	15' Category 5E Patch Cables With Boots	21.52	
27 16 19 00-0041	EA	25' Category 5E Patch Cables With Boots	25.17	
27 16 19 00-0042	EA	3' Category 6 Patch Cables With Boots	14.03	
27 16 19 00-0043	EA	5' Category 6 Patch Cables With Boots	14.97	
27 16 19 00-0044	EA	7' Category 6 Patch Cables With Boots	15.91	
27 16 19 00-0045	EA	10' Category 6 Patch Cables With Boots	21.45	
27 16 19 00-0046	EA	15' Category 6 Patch Cables With Boots	23.80	
27 16 19 00-0047	EA	25' Category 6 Patch Cables With Boots	28.50	
27 16 19 00-0048	EA	50' Category 6 Patch Cables With Boots	40.26	
27 16 19 00-0049	EA	100' Category 6 Patch Cables With Boots	67.89	

27 20 Data Communications *(27)*

27 21 Data Communications Network Equipment *(27 20)*

Note: Includes testing of new devices and certification.

27 21 16 Data Communications Routers, CSU/DSU, Multiplexers, Codecs, and Modems *(27 21)*

27 21 16 00-0001 Fiber Optic Modems *(27 21 16)*

27 21 16 00-0002	EA	Fiber Optic Modems, Range 6.2 Miles	1,365.27	164.89
27 21 16 00-0003	EA	Fiber Optic Modem, Range 3.1 Miles, 12 Channel	2,659.62	164.89

27 21 16 00-0004 Ethernet Hubs and Switches *(27 21 16)*

27 21 16 00-0005	EA	16 Port Managed Hub With Fiberport And Standard Management	2,046.00	123.87
27 21 16 00-0006	EA	16 Port Unmanaged Hub	388.34	82.58

27 30 Voice Communications *(27)*

27 31 Voice Communications Switching and Routing Equipment *(27 30)*

Note: Includes testing of new devices and certification.

27 31 13 PBX/Key Systems *(27 31)*

27 31 13 00-0001 Interior PBX Telephone System *(27 31 13)*

Note: Includes telephone instruments cabling and solid state switching.

27 31 13 00-0002 Interior PBX Telephone System *(27 31 13 00-0001)*

Note: Cost is for each line up to 1000 lines.

27 31 13 00-0003	EA	1 Line PBX Connection, Cost Per Each Line Up To 1000	1,121.71	430.08

27 31 13 00-0004 Additional Telephones Less Solid State Switching (PBX) *(27 31 13 00-0001)*

27 31 13 00-0005	EA	Add For Each Additional PBX Phone Line Less Solid State Switching	332.94	33.81

27 31 13 00-0006 Telephones *(27 31 13 00-0001)*

27 31 13 00-0007	EA	Telephones, Desk Type Intercommunication Equipment	139.46	32.15
27 31 13 00-0008	EA	Telephones, Wall Type Intercommunication Equipment	161.13	42.88

27 32 Voice Communications Terminal Equipment *(27 30)*

Note: Includes testing of new devices and certification.

27 32 19 Interior Telephone System *(27 32)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 32 19 00-0001		**Components** *(27 32 19)*		
27 32 19 00-0002	EA	Solid State Exchange Unit With Power Supply	4,049.82	753.38
27 32 19 00-0003	EA	Dial Telephone - Handset In Cabinet	251.54	61.59
27 32 19 00-0004	EA	Elevator Cab Telephone With Trailer Cable	255.43	66.04
27 32 19 00-0005	EA	Loud Ring Bell, 6"	204.47	61.26
27 32 19 00-0006	EA	Audio/Visual Indicator	251.81	57.71
27 32 19 00-0007	EA	Administrative Telephone With Digital Display	258.72	51.78
27 32 19 00-0008	EA	Processing Unit For 16 Station System	1,353.16	422.37
27 32 19 00-0009	EA	Handset For 16 Station System	184.80	42.04
27 32 19 00-0010	EA	Handset In Cabinet, For 16 Station System	250.23	56.72
27 32 19 00-0011	MLF	20 Conductor Unshielded Cable, #22	1,899.56	909.13
27 32 19 00-0012	EA	Power Supply For 16 Station System	257.83	112.21
27 32 19 00-0013	EA	Intercom Terminal Board	239.54	126.30
27 32 19 00-0014	EA	Power Supply For Five Station System, 24 VDC	266.12	112.21
27 32 19 00-0015	EA	Telephone Communication Board, Insulated Blueboard 24" x 24" x 1/2" Thick	126.14	46.13
27 32 19 00-0016	EA	Telephone Cabinet With Backboard 24" High x 24" Wide x 6" Deep	376.17	101.52
27 32 19 00-0017	EA	Telephone Cabinet With Backboard 30" High x 24" Wide x 6" Deep	442.31	115.40
27 32 19 00-0018	EA	Telephone Cabinet With Backboard 30" High x 30" Wide x 6" Deep	535.00	136.57
27 32 19 00-0019	EA	Telephone Cabinet With Backboard 36" High x 30" Wide x 6" Deep	625.61	147.65
27 32 19 00-0020	EA	Telephone Cabinet With Backboard 48" High x 30" Wide x 6" Deep	948.92	168.00
27 32 19 00-0021	EA	Ring Rung 3"	8.54	4.60
27 32 19 00-0022	EA	G66B50 Telephone Blocks Including 50 Terminators, Exterior Ring, Marking, ID	20.71	8.16
27 32 19 00-0023	EA	G110 Data Blocks Including Terminator, Exterior Ring, Marking, ID And Testing	38.62	16.74
27 32 19 00-0024		**Accessories** *(27 32 19)*		
27 32 19 00-0025	EA	Blank Telephone Receptacle, Exposed Devices - Complete	9.10	4.45
27 32 19 00-0026	EA	4-Pin Telephone Receptacle, Exposed Devices - Complete	19.06	17.15
27 32 19 00-0027	EA	Level 5, RJ-45 Jack, Dual Flush Mounted - Complete	45.48	18.84
27 32 19 00-0028	EA	Level 5, RJ-45 Jack, Wall Mount - Complete	43.75	18.84
27 32 19 00-0029	EA	Terminating Strips, Inside	88.36	37.69
27 32 19 00-0030	EA	Dual Outlet, 4-Pin Telephone Receptacle, Concealed Type RJ-45 - Complete	40.75	19.37
27 32 19 00-0031	EA	Ready Access Closure 3 To 25 Pair	106.64	45.42
27 32 19 00-0032	EA	Ready Access Closure 25 To 100 Pair	123.13	50.78
27 32 19 00-0033	EA	Termination Block With Bracket 25 Pair	39.03	15.25
27 32 19 00-0034	EA	RJ-11 Telephone Receptacle, Concealed Devices - Complete	40.05	19.12
27 32 19 00-0035	EA	Interior Protected Terminal 25 Pair	400.62	110.15
27 32 19 00-0036	EA	Interior Protected Terminal 50 Pair	462.02	111.88
27 32 19 00-0037	EA	Pedestal 6" x 6" x 50" 3 To 100 Pair	160.85	45.84
27 32 19 00-0038	EA	Pedestal 8" x 8" x 50" 100 To 300 Pair	165.01	45.84
27 32 19 00-0039	EA	Pedestal 10" x 10" x 43" 300 To 600 Pair	216.59	58.62
27 32 19 00-0040	EA	Pedestal 10" x 16" x 439 600 Pair	438.49	105.61
27 32 19 00-0041	EA	Entrance Protector Terminal 100 Pair	589.12	120.53
27 32 19 00-0042	EA	Gas Protection Module	10.66	4.12
27 32 19 00-0043	EA	Terminating Boxes, Outside With 3 Element Protectors, Per Pair	16.20	3.77

27 32 26 Ring-Down Emergency Telephones *(27 32)*

27 32 26 00-0001 Emergency Telephone *(27 32 26)*

Note: Standard features include: CB3000 speakerphone, 3 auxiliary Inputs, 2 auxiliary outputs, phone line surge suppressor, analog telephone connection, 70w area light with blue beacon, high power strobe, lighted faceplate, 110VAC power, ultra weather resistant finish, vandal resistant hardware, UV resistant Lens, dome vent; flat area for directory, access control or other options; 12.75" diameter/8'-6" height, 1/4" thick steel construction, foundation anchor kit, ADA compliant.

27 32 26 00-0002	EA	Code Blue 1-Standard Emergency Telephone Pedestal Unit (CB 1-s) Note: Includes IA4100 FP1 analog speakerphone with single red “Push For Help” button, “Push For Help” bezel, hard wire phone line, passive vent at top, 24V AC, and standard color.	6,009.39	339.47
27 32 26 00-0003	EA	Code Blue 1-Dual Emergency Telephone Pedestal Unit (CB 1-d) Note: Includes IA4100 FP1 analog speakerphone with single red “Push For Help” button, “Push For Help” bezel, blank stainless steel plate second opening, hard wire phone line, passive vent at top, 24V AC, and standard color.	6,297.18	339.47
27 32 26 00-0004	EA	Analog Speakerphone With Black “Info” Button And Red "Push For Help" Button Code Blue Option (Code Blue IA4100 FP2)	95.93	
27 32 26 00-0005	EA	Analog Speakerphone With Black “Call” Button, Keypad And Red "Push For Help" Button Code Blue Option (Code Blue IA4100 FP2-K)	143.89	
27 32 26 00-0006	EA	IP Speakerphone With Single Red “Push For Help” Button Code Blue Option (Code Blue IP5000 FP1)	359.74	
27 32 26 00-0007	EA	IP Speakerphone With Back “Info” Button And Red “Push For Help” Button Code Blue Option (Code Blue IP5000 FP2)	489.24	
27 32 26 00-0008	EA	IP Speakerphone With Black “Call” Button, Keypad And Red "Push For Help" Button Code Blue Option (Code Blue IP5000 FP2-K)	537.21	
27 32 26 00-0009	EA	EMERGENCY (Raised Letters With Braille) Main Bezel Code Blue Option	9.59	
27 32 26 00-0010	EA	EMERGENCY/EMERGENCIA (Raised Letters With Braille) Main Bezel Code Blue Option	9.59	
27 32 26 00-0011	EA	Directory, Second Opening Code Blue Option	86.34	
27 32 26 00-0012	EA	Camera Enclosure With Color IP Camera, Second Opening Code Blue Option	911.33	
27 32 26 00-0013	EA	HID Card Reader, Second Opening Code Blue Option	422.09	
27 32 26 00-0014	EA	HID Card Reader And Color IP Camera, Second Opening Code Blue Option	1,367.00	
27 32 26 00-0015	EA	IP Wireless Communication Code Blue Option Note: 802.11g or secure mesh 5.8. (system UPS backup or unit NightCharge recommended). IP5000 VoIP Speakerphone option must be ordered when selecting IP Wireless Communications. Requires Base Unit(s) and site survey.	2,873.09	
27 32 26 00-0016	EA	Active Venting Code Blue Option	153.49	
27 32 26 00-0017	EA	NightCharge Power Code Blue Option Note: Requires 120V AC external power supplied to Code Blue unit.	1,338.22	
27 32 26 00-0018	EA	Power Transformer Kit, Alternate Incoming Power Code Blue Option	335.75	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 32 26 00-0019	EA	Overhead Camera Mount Code Blue Option Note: Excludes camera.	762.64	
27 32 26 00-0020	EA	Custom Color For Overhead Camera Mount Code Blue Option	33.58	

27 32 26 00-0021 City Police Call System *(27 32 26)*

27 32 26 00-0022 Components *(27 32 26 00-0021)*

27 32 26 00-0023	EA	City Police Call System	474.74	96.13
27 32 26 00-0024	EA	Concrete Foundation For Police Department Telephone Post	447.23	139.25

27 40 Audio-Video Communications *(27)*

27 41 Audio-Video Systems *(27 40)*

27 41 16 Integrated Audio-Video Systems and Equipment *(27 41)*

Note: Includes testing of new devices and certification.

27 41 16 00-0001 Television Distribution System *(27 41 16)*

See CSI section 26 05 13 00-0001 for basic wiring, 26 05 19 16-0274 for basic wiring.

27 41 16 00-0002 Television Support System *(27 41 16 00-0001)*

27 41 16 00-0003	EA	Ceiling Mounted Television Support, 19" To 20"	289.10	92.49
27 41 16 00-0004	EA	Ceiling Mounted Television Support, 19" To 20" With Rack	364.75	103.22
27 41 16 00-0005	EA	Ceiling Mounted Television Support, 25" To 27"	299.75	92.49
27 41 16 00-0006	EA	Ceiling Mounted Television Support, 25" To 27" With Rack	375.40	103.22
27 41 16 00-0007	EA	Wall Mounted Television Support, 13"	228.37	74.32
27 41 16 00-0008	EA	Wall Mounted Television Support, 13" With Rack	304.02	82.58
27 41 16 00-0009	EA	Wall Mounted Television Support, 19" To 20"	242.34	74.32
27 41 16 00-0010	EA	Wall Mounted Television Support, 19" To 20" With Rack	318.00	82.58
27 41 16 00-0011	EA	Wall Mounted Television Support, 25" To 27"	256.32	74.32
27 41 16 00-0012	EA	Wall Mounted Television Support, 25" To 27" With Rack	331.97	82.58

27 41 16 00-0013 Distribution System *(27 41 16 00-0001)*

See CSI section 26 05 13 00-0001 for wire and cabling.

27 41 16 00-0014 TV Distribution Rack *(27 41 16 00-0013)*

27 41 16 00-0015	EA	Steel Rack Cabinet With Shelves	911.01	151.62
27 41 16 00-0016	EA	Switch And Pilot Light	159.76	67.36
27 41 16 00-0017	LF	Surface Raceway With Outlets	19.57	9.15
27 41 16 00-0018	EA	Service Label	23.94	12.62

27 41 16 00-0019 Head End Amplifier *(27 41 16 00-0013)*

27 41 16 00-0020	EA	Head End Amplifier	607.72	100.92

27 41 16 00-0021 UHF In-Line Booster Amplifier And Power Supply *(27 41 16 00-0013)*

27 41 16 00-0022	EA	UHF In-Line Booster	372.21	100.92

27 41 16 00-0023 Preamplifiers *(27 41 16 00-0013)*

27 41 16 00-0024	EA	VHF Preamplifier	455.14	100.92
27 41 16 00-0025	EA	UHF Preamplifier	372.21	100.92

27 41 16 00-0026 Power Supplies *(27 41 16 00-0013)*

27 41 16 00-0027	EA	Common Power Supply	650.20	144.19

27 41 16 00-0028 Line Splitter And Mixer *(27 41 16 00-0013)*

27 41 16 00-0029	EA	Line Splitter	64.95	33.64
27 41 16 00-0030	EA	Two-Way Splitter	71.55	33.64
27 41 16 00-0031	EA	Frequency Filter	148.83	50.54
27 41 16 00-0032	EA	Line Splitter And Mixer	197.53	74.20

27 41 16 00-0033 Power Line Filters *(27 41 16 00-0013)*

27 41 16 00-0034	EA	120-Volt Power Supply Line Filter	275.85	67.36

27 41 16 00-0035 Wall Box And Receiver Outlets *(27 41 16 00-0013)*

27 41 16 00-0036	EA	Wall Box With Lockable Cover, Excluding Outlet Plug	148.83	50.54
27 41 16 00-0037	EA	TV Receiver Outlet Plug	71.55	33.64
27 41 16 00-0038	EA	TV Camera Outlet Plug	71.55	33.64
27 41 16 00-0039	EA	Audio Outlet Plug	63.28	33.64
27 41 16 00-0040	EA	12 Ft RG 6U Cable With G-59 And TV Set Fittings	130.73	67.36
27 41 16 00-0041	EA	Male Plug PL-259	71.55	33.64
27 41 16 00-0042	EA	Wall Box And Receiver Outlet Television Outlets	87.83	35.29

27 41 16 00-0043 Metal And Electric Shop Antenna Systems *(27 41 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 41 16 00-0044		Antenna *(27 41 16 00-0043)*		
27 41 16 00-0045	EA	Amateur Radio Antenna	577.18	123.67
27 41 16 00-0046	EA	Multi-Band Radio Antenna	458.39	123.67
27 41 16 00-0047		Receptacles *(27 41 16 00-0043)*		
27 41 16 00-0048	EA	Amateur Radio Antenna System Receptacle With Mating Plugs And Adapter	140.55	50.54
27 41 16 00-0049	EA	Multi-Band Radio Antenna System Receptacle With Mating Plugs	140.55	50.54

27 50 Distributed Communications And Monitoring Systems *(27)*

27 51 Distributed Audio-Video Communications Systems *(27 50)*

27 51 33 Sound Reinforcement *(27 51)*

Note: Includes testing of new devices and certification.

27 51 33 00-0001		Amplifiers *(27 51 33)*		
27 51 33 00-0002	EA	10 Watt PA/Paging System Amplifier, 70 Volt (Bogen C10)	325.67	82.58
27 51 33 00-0003	EA	35 Watt PA/Paging System Amplifier, 70 Volt (Bogen C35)	446.00	82.58
27 51 33 00-0004	EA	60 Watt PA/Paging System Amplifier, 70 Volt (Bogen C60)	530.20	82.58
27 51 33 00-0005	EA	100 Watt PA/Paging System Amplifier, 70 Volt (Bogen 100)	586.36	82.58
27 51 33 00-0006	EA	150 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS150)	722.47	82.58
27 51 33 00-0007	EA	250 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS250)	926.03	82.58
27 51 33 00-0008		Speakers *(27 51 33)*		
27 51 33 00-0009	EA	Atlas/Soundlier Speaker Model FD72W Recessed Mounted	275.54	22.10
27 51 33 00-0010	EA	Atlas/Soundlier Speaker Model FD72W	190.78	18.80
27 51 33 00-0011	EA	Atlas/Soundlier Baffle Model 51-8	29.93	4.12
27 51 33 00-0012	EA	Atlas/Soundlier T-Bar Support	28.51	4.12
27 51 33 00-0013	EA	Atlas/Soundlier Black Box Model Q408	88.92	4.12
27 51 33 00-0014	EA	Atlas/Soundlier And Relay Assembly, At -10-PA With Box	88.47	7.42
27 51 33 00-0015	EA	Atlas-Soundlier Speaker Model: EZSV1-2K	130.28	20.45
27 51 33 00-0016	EA	Exposed Bucket Speakers, Supported From Structure	406.17	47.16
27 51 33 00-0017		Accessories *(27 51 33)*		
27 51 33 00-0018	EA	Microphone And Stand For Audio/Video System (Bogen MBS-1000A)	163.91	10.32
27 51 33 00-0019	EA	Tape Deck For Audio/Video System	119.54	10.32
27 51 33 00-0020	EA	5 Disk CD Player For Audio/Video System (Bogen DCM290-P)	361.41	10.32
27 51 33 00-0021	EA	Weather Proof Horn For Audio/Video System (Bogen SPT5A)	101.23	20.64
27 51 33 00-0022	EA	Trumpet Driver And Line Matching Transformer For Audio/Video System	178.06	20.64
27 51 33 00-0023	EA	Headset Microphone For Audio/Video System	133.12	20.61
27 51 33 00-0024	EA	Microphone Jack For Audio/Video System	67.56	20.64
27 51 33 00-0025	EA	Terminal Cabinet For Audio/Video System	521.97	82.58
27 51 33 00-0026	EA	Volume Control For Audio/Video System (Bogen AT10A)	65.08	20.64

27 52 Healthcare Communications And Monitoring Systems *(27 50)*

27 52 23 Nurse Call/Code Blue Systems *(27 52)*

27 52 23 00-0001		Wireless Equipment Nurses Call Systems *(27 52 23)* Note: Includes all mounting hardware, batteries, cable and connections. Telectronic.		
27 52 23 00-0002		Wireless Nurses Call System *(27 52 23 00-0001)*		
27 52 23 00-0003	EA	NurseCall Main Unit (Rechargeable Battery Included); NCM2	4,359.01	
27 52 23 00-0004	EA	NurseCall Main Unit (Rechargeable Battery Included) 300+ Transmitters; NCM2S	4,894.22	
27 52 23 00-0005	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 1-5 Units; NCL2	3,049.57	
27 52 23 00-0006	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 6-10 Units; NCL2	2,485.23	
27 52 23 00-0007	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 11-15 Units; NCL2	2,238.86	
27 52 23 00-0008	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 16+ Units; NCL2	1,992.41	
27 52 23 00-0009	EA	Resident Bed Station With Relay; N45	505.84	
27 52 23 00-0010	EA	Bed Push Button For Use With N45 (9'); RB13-9	248.07	
27 52 23 00-0011	EA	Pull Cord Replacement For S35; S35PC	18.36	
27 52 23 00-0012	EA	Wall Mount Pull-Cord Transmitter/Mounting Hardware - Auto Supervision; S35S	362.80	
27 52 23 00-0013	EA	Wall Mount Pull-Cord Transmitter/Mounting Hardware - Assist Tone; S35A	362.80	
27 52 23 00-0014	EA	Remote Reset Button; S35R	352.69	
27 52 23 00-0015	EA	Waterproof Wrist Transmitter (Automatic Supervision); S37	246.62	
27 52 23 00-0016	EA	Wrist Band Replacement For S37; S37WB	22.70	
27 52 23 00-0017	EA	Locate 1 Waterproof Wrist Transceiver; S37L	300.08	
27 52 23 00-0018	EA	Locate 1 Beacon; IS75	953.07	
27 52 23 00-0019	EA	Wireless Smoke Detector Transmitter; SD35	616.43	
27 52 23 00-0020	EA	Wireless Door Contact Transmitter; RAC35	484.94	
27 52 23 00-0021	EA	Wireless Time Controlled Door Contact; RAC45	484.94	
27 52 23 00-0022	EA	Local Receiver With Relay (110VAC); LE9	594.76	
27 52 23 00-0023	EA	Voice Response Unit (Rechargeable Battery Included); S10	1,016.76	
27 52 23 00-0024	EA	Alarm Receiving Unit (Rechargeable Battery Included); ARU	2,005.56	
27 52 23 00-0025	EA	NurseCall Programming Software; NPS	5,459.28	
27 52 23 00-0026	EA	NurseCall Printer Interface; NCPI	1,865.59	
27 52 23 00-0027	EA	NurseCall Computer Center (Includes NurseCall Software, PC, Monitor, Printer And UPS); NCCN	9,562.79	
27 52 23 00-0028	EA	9V NiMH Rechargeable Battery (Replacement For S10, NCM2, And NCL2); NMH9R	45.60	
27 52 23 00-0029	EA	6V Lithium Battery (Replacement For S35 And RAC35); LIT6	41.27	
27 52 23 00-0030	EA	9V Alkaline Battery (Replacement For N45); ALK9	21.04	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 52 23 00-0031	EA	Giant LED Single Sided Display; NCGD	9,397.85	
27 52 23 00-0032	EA	Serial Printer; NCSP	985.14	
27 52 23 00-0033	EA	Modular Duplex T-Adapter (Replacement For S10); SE-486A	21.25	
27 52 23 00-0034	EA	AC Adapter (Replacement For S10); STA-4110A	38.59	
27 52 23 00-0035	EA	S10 Phone Cord (Replacement For S10); STC	21.25	
27 52 23 00-0036	EA	Waveware Paging System, Use With NCCN (Dell Computer); SPS-5	4,228.22	
27 52 23 00-0037	EA	Waveware Pagers; DAP-040	594.63	

27 52 23 00-0038 Wireless Nurses Call Tele/Management System *(27 52 23 00-0001)*

27 52 23 00-0039	EA	Tele/Management Unit; TP12	2,486.09	
27 52 23 00-0040	EA	Tele/Management Software; TP12S	2,241.21	

27 52 23 00-0041 Wireless Nurses Call Paging System *(27 52 23 00-0001)*

27 52 23 00-0042	EA	Standard Paging System (2.5 Watt Transmitter); RPE673	7,063.62	
27 52 23 00-0043	EA	Replacement Antenna For RPE673; RPE673AN	492.77	
27 52 23 00-0044	EA	Replacement Power For RPE673; RPE673PS	657.49	
27 52 23 00-0045	EA	Alphanumeric Pager; RPR583	800.54	
27 52 23 00-0046	EA	Replacement Holster For RPR583; RPR583H	46.83	

27 52 23 00-0047 Wireless Nurses Call System (Fisher-Berkley) *(27 52 23 00-0001)*

Note: Repair Parts: Alco Sales

27 52 23 00-0048	EA	Staff Station (Fisher-Berkley AL-59900R)	496.06	
27 52 23 00-0049	EA	Area Central Module (Fisher-Berkley AL-59901R)	406.06	
27 52 23 00-0050	EA	Dual Patient (Fisher-Berkley AL-59902R)	466.11	
27 52 23 00-0051	EA	Code Blue (Fisher-Berkley AL-59903R)	286.06	
27 52 23 00-0052	EA	Bath Emergency Station (Fisher-Berkley AL-59904R)	416.06	
27 52 23 00-0053	EA	Single Station With Sidecoom (Fisher-Berkley AL-59905R)	526.06	
27 52 23 00-0054	EA	Dual Station With Sidecom (Fisher-Berkley AL-59906R)	697.29	
27 52 23 00-0055	EA	Single Patient Station (Fisher-Berkley AL-59907R)	306.06	
27 52 23 00-0056	EA	Duty Station (Fisher-Berkley AL-59908R)	326.06	
27 52 23 00-0057	EA	Master Station (Fisher-Berkley AL-59909R)	3,572.18	
27 52 23 00-0058	EA	Station In/Out Board (Fisher-Berkley AL-59910R)	1,789.73	
27 52 23 00-0059	EA	Power Supply (Fisher-Berkley AL-59911R)	1,782.40	
27 52 23 00-0060	EA	Pillow Speaker (Fisher-Berkley AL-59913R)	386.06	
27 52 23 00-0061	EA	Staff Presence Station (Fisher-Berkley AL-59914R)	306.06	
27 52 23 00-0062	EA	HB System Patient Station (Fisher-Berkley AL-59915R)	336.06	
27 52 23 00-0063	EA	HB System Staff Station (Fisher-Berkley AL-59916R)	316.06	
27 52 23 00-0064	EA	Station In/Out Board Expdr (Fisher-Berkley AL-59917R)	1,488.51	
27 52 23 00-0065	EA	Master In/Out Board (Fisher-Berkley AL-59918R)	1,228.51	
27 52 23 00-0066	EA	MMC Central Processor Unit (Fisher-Berkley AL-59919R)	1,484.51	

27 52 23 00-0067 Equipment Nurses Call Systems *(27 52 23)*

27 52 23 00-0068	EA	Nurses Call System, Page/Talk Relay Intercommunication Equipment	165.66	42.88
27 52 23 00-0069	EA	Nurses Call System, Main Equipment Panel Intercommunication Equipment	1,636.01	171.49
27 52 23 00-0070	EA	Nurses Call System, Re-Entrant Horn Intercommunication Equipment	179.89	56.07
27 52 23 00-0071	EA	Nurses Call System, Nurses Control Station Intercommunication Equipment	907.50	164.89
27 52 23 00-0072	EA	Nurses Call System, Duty Station Intercommunication Equipment	439.83	128.61
27 52 23 00-0073	EA	Nurses Call System, Staff Station Intercommunication Equipment	218.81	42.88
27 52 23 00-0074	EA	Nurses Call System, Single Bedside Station Intercommunication Equipment	208.31	42.88
27 52 23 00-0075	EA	Nurses Call System, Double Bedside Station Intercommunication Equipment	322.90	75.03
27 52 23 00-0076	EA	Nurses Call System, Emergency Call Button Intercommunication Equipment	101.32	32.97
27 52 23 00-0077	EA	Nurses Call System, Pull Cord Button Intercommunication Equipment	94.56	32.97
27 52 23 00-0078	EA	Nurses Call System, Single Dome Light Intercommunication Equipment	67.46	21.44
27 52 23 00-0079	EA	Nurses Call System, Double Dome Light Intercommunication Equipment	98.43	32.97
27 52 23 00-0080	EA	Nurses Call System, Pillow Speaker Intercommunication Equipment	137.23	21.44
27 52 23 00-0081	EA	Nurses Call System, Cord Set Intercommunication Equipment	72.55	21.44
27 52 23 00-0082	EA	Nurse Call System, Master-20 Station	3,272.71	164.89
27 52 23 00-0083	EA	Dukane Duty Station - Tone Only, PC1000	580.52	128.70

27 53 Distributed Systems *(27 50)*

27 53 13 Clock Systems *(27 53)*

27 53 13 00-0001 Wired Self-Corrective Clock Systems *(27 53 13)*

27 53 13 00-0002 Wired Self-Corrective Clocks *(27 53 13 00-0001)*

27 53 13 00-0003 Analog, Wired Self-Corrective Clocks (Telecor) *(27 53 13 00-0002)*

27 53 13 00-0004 24 VAC, Analog, Wired Self-Corrective Clocks *(27 53 13 00-0003)*

27 53 13 00-0005	EA	12", Single Sided, 24 VAC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	178.09	20.61
		For >50 To 100, Deduct	*-11.64*	
		For >100, Deduct	*-17.12*	
27 53 13 00-0006	EA	12", Dual Sided, 24 VAC, Analog, Wired Self-Corrective Clock, Surface Mount	422.37	20.61
		For >50 To 100, Deduct	*-21.42*	
		For >100, Deduct	*-36.66*	
27 53 13 00-0007	EA	16", Single Sided, 24 VAC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	223.13	20.61
		For >50 To 100, Deduct	*-15.27*	
		For >100, Deduct	*-22.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 00-0008	EA	16", Dual Sided, 24 VAC, Analog, Wired Self-Corrective Clock, Surface Mount	557.50	20.61
		For >50 To 100, Deduct	*-57.80*	
		For >100, Deduct	*-78.45*	

27 53 13 00-0009 120 VAC, Analog, Wired Self-Corrective Clocks *(27 53 13 00-0003)*

27 53 13 00-0010	EA	12", Single Sided, 120 VAC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	178.09	20.61
		For >50 To 100, Deduct	*-11.64*	
		For >100, Deduct	*-17.12*	
27 53 13 00-0011	EA	12", Dual Sided, 120 VAC, Analog, Wired Self-Corrective Clock, Surface Mount	422.37	20.61
		For >50 To 100, Deduct	*-21.42*	
		For >100, Deduct	*-36.66*	
27 53 13 00-0012	EA	16", Single Sided, 120 VAC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	223.13	20.61
		For >50 To 100, Deduct	*-15.27*	
		For >100, Deduct	*-22.54*	
27 53 13 00-0013	EA	16", Dual Sided, 120 VAC, Analog, Wired Self-Corrective Clock, Surface Mount	557.50	20.61
		For >50 To 100, Deduct	*-57.80*	
		For >100, Deduct	*-78.45*	

27 53 13 00-0014 Accessories For Analog Wired Self-Corrective Clocks *(27 53 13 00-0003)*

27 53 13 00-0015	EA	Wire Guards For 12", 15" Or 16" Analog Wired Self-Corrective Clocks	146.22	10.30
27 53 13 00-0016	EA	Back Box For 10", 12" Or 15" Flush Mount Analog Wired Self-Corrective Clocks	37.93	10.30
27 53 13 00-0017	EA	Surface Mounting Rings For 12" Analog Wired Self-Corrective Clocks	47.90	10.30
27 53 13 00-0018	EA	Surface Mounting Rings For 15" Analog Wired Self-Corrective Clocks	58.30	10.30
27 53 13 00-0019	EA	Combination Back Box For Speaker And Clock	84.87	16.49

27 53 13 00-0020 Digital, Wired Self-Corrective Clocks (Telecor) *(27 53 13 00-0002)*

27 53 13 00-0021 24 VAC, Digital, Wired Self-Corrective Clocks *(27 53 13 00-0020)*

27 53 13 00-0022	EA	2.5", 24 VAC, Digital, Wired Self-Corrective Clock, Flush Mount	219.67	20.61
		For Surface Mount, Add	*35.69*	
		For >50 To 100, Deduct	*-10.71*	
		For >100, Deduct	*-17.85*	
27 53 13 00-0023	EA	4", 24 VAC, Digital, Wired Self-Corrective Clock, Flush Mount	337.48	20.61
		For Surface Mount, Add	*59.25*	
		For >50 To 100, Deduct	*-17.78*	
		For >100, Deduct	*-29.63*	

27 53 13 00-0024 120 VAC, Digital, Wired Self-Corrective Clocks *(27 53 13 00-0020)*

27 53 13 00-0025	EA	2.5", 120 VAC, Digital, Wired Self-Corrective Clock, Flush Mount	219.67	20.61
		For Surface Mount, Add	*35.69*	
		For >50 To 100, Deduct	*-10.71*	
		For >100, Deduct	*-17.85*	
27 53 13 00-0026	EA	4", 120 VAC, Digital, Wired Self-Corrective Clock, Flush Mount	337.48	20.61
		For Surface Mount, Add	*59.25*	
		For >50 To 100, Deduct	*-17.78*	
		For >100, Deduct	*-29.63*	

27 53 13 00-0027 Replacement Modules For 24 VAC, Digital, Wired Self-Corrective Clocks *(27 53 13 00-0020)*

27 53 13 00-0028	EA	2.5", Replacement Module For 24 VAC, Digital, Wired Self-Corrective Clocks	188.06	20.61
		For >50 To 100, Deduct	*-8.81*	
		For >100, Deduct	*-14.68*	
27 53 13 00-0029	EA	4" Replacement Module For 24 VAC, Digital, Wired Self-Corrective Clocks	308.89	20.61
		For >50 To 100, Deduct	*-16.06*	
		For >100, Deduct	*-26.77*	

27 53 13 00-0030 Replacement Modules For 120 VAC, Digital, Wired Self-Corrective Clocks *(27 53 13 00-0020)*

27 53 13 00-0031	EA	2.5", Replacement Module For 120 VAC, Digital, Wired Self-Corrective Clocks	188.06	20.61
		For >50 To 100, Deduct	*-8.81*	
		For >100, Deduct	*-14.68*	
27 53 13 00-0032	EA	4" Replacement Module For 120 VAC, Digital, Wired Self-Corrective Clocks	308.89	20.61
		For >50 To 100, Deduct	*-16.06*	
		For >100, Deduct	*-26.77*	

27 53 13 00-0033 Accessories For Digital Wired Self-Corrective Clocks *(27 53 13 00-0020)*

27 53 13 00-0034	EA	Wire Guard For 4" Surface Mount Analog Wired Self-Corrective Clocks	199.06	10.30
27 53 13 00-0035	EA	2.5", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	48.33	10.30
27 53 13 00-0036	EA	4", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	66.52	10.30
27 53 13 00-0037	EA	Dual Mounting Kit For Surface Mount Digital Wired Self-Corrective Clocks	173.94	10.30
27 53 13 00-0038	EA	4 Gang Extension Ring For Surface Mount Digital Wired Self-Corrective Clocks	49.64	10.30

27 53 13 00-0039 Wired Self-Corrective Master Clocks *(27 53 13 00-0001)*

27 53 13 00-0040 Wired Self-Corrective Master Clocks *(27 53 13 00-0039)*

27 53 13 00-0041	EA	24 VAC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-24)	2,058.82	164.89
27 53 13 00-0042	EA	120 VAC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-120)	2,188.75	164.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 00-0043		**Accessories For Wired Self-Corrective Master Clocks** *(27 53 13 00-0039)*		
27 53 13 00-0044	EA	5 Amp Power Transformer For 24 VAC, Wired Self-Corrective Clock Systems (Telecor 2405)	213.69	41.22
27 53 13 00-0045	EA	10 Amp Power Transformer For 24 VAC, Wired Self-Corrective Clock Systems (Telecor 2406)	240.97	41.22
27 53 13 00-0046		**Other Clock And Program Systems** *(27 53 13)*		
27 53 13 00-0047	EA	4 Circuit Master Clock And Signal Control (Lathem LTR4-512)	1,001.61	82.45
27 53 13 00-0048	EA	8 Circuit Master Clock And Signal Control (Lathem LTR8-512)	1,245.84	164.89
27 53 13 00-0049	EA	Program Bell (Lathem 906-6)	163.02	41.22
27 53 13 00-0050	EA	Combination Clock And Speaker	375.15	103.05

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

28 Electronic Safety And Security

Note: Termination costs are included with all safety and security equipment, panel boards, and devices. Terminations are not included with patch panels where the number of terminations is not known.

28 05 Common Work Results For Electronic Safety And Security *(28)*

28 05 13 Conductors And Cables For Electronic Safety And Security *(28 05)*

28 05 13 16 Access Control Communications Conductors And Cables *(28 05 13)*

28 05 13 16-0001 Low Voltage Control Cables *(28 05 13 16)*

Note: Type "TC" multi-conductor (individually numbered conductors) control cables installed in conduit.

28 05 13 16-0002	MLF	4/c #18 AWG "TC" Copper Conductor Cable	1,872.83	163.11
28 05 13 16-0003	MLF	6/c #18 AWG "TC" Copper Conductor Cable	2,536.89	182.70
28 05 13 16-0004	MLF	8/c #18 AWG "TC" Copper Conductor Cable	3,111.85	219.19
28 05 13 16-0005	MLF	10/c #18 AWG "TC" Copper Conductor Cable	3,884.58	262.90
28 05 13 16-0006	MLF	12/c #18 AWG "TC" Copper Conductor Cable	4,392.13	294.56
28 05 13 16-0007	MLF	37/c #18 AWG "TC" Copper Conductor Cable	10,820.41	380.70

28 05 13 19 Intrusion Detection Communications Conductors And Cables *(28 05 13)*

28 05 13 19-0001 Security System Cable *(28 05 13 19)*

28 05 13 19-0002	CLF	2/c #18 AWG, "Red", Twisted Shielded Solid Copper , In Conduit	228.92	44.93
28 05 13 19-0003	CLF	2/c #16 AWG, "Red", Twisted Shielded Solid Copper , In Conduit	339.08	55.17
28 05 13 19-0004	CLF	2/c #18 AWG, "Red", Twisted Shielded Solid Copper , Plenum	240.04	47.03
28 05 13 19-0005	CLF	2/c #16 AWG, "Red", Twisted Shielded Solid Copper , Plenum	355.94	57.89
28 05 13 19-0006	CLF	4/c #18 AWG Stranded Copper Cable, In Conduit	263.34	50.05
28 05 13 19-0007	CLF	6/c #18 AWG Stranded Copper Cable, In Conduit	323.52	60.30
28 05 13 19-0008	CLF	2/c #22 AWG, Type CL2R/MPR Bare Copper Conductor	216.32	44.93
28 05 13 19-0009	CLF	4/c #22 AWG, Type CL2R/MPR Bare Copper Conductor	317.33	55.17
28 05 13 19-0010	CLF	6/c #22 AWG, Type CL2R/MPR Bare Copper Conductor	333.12	57.89

28 05 13 23 Fire Alarm Communications Conductors And Cables *(28 05 13)*

28 05 13 23-0001 Cable For Fire Alarm System *(28 05 13 23)*

28 05 13 23-0002	CLF	Red Teflon 1-Pair #18 Gauge, Twisted Shielded Solid CU	169.29	33.17
28 05 13 23-0003	CLF	Red Teflon 2-Pair #18 Gauge, Twisted Shielded Solid CU	196.37	37.09
28 05 13 23-0004	CLF	Red Teflon 4-Pair #18 Gauge, Twisted Shielded Solid CU	263.32	50.05
28 05 13 23-0005	CLF	Red Teflon 6-Pair #18 Gauge, Twisted Shielded Solid CU	323.52	60.30
28 05 13 23-0006	CLF	Red Teflon 8-Pair #18 Gauge, Twisted Shielded Solid CU	379.92	69.04
28 05 13 23-0007	CLF	Red Teflon 10-Pair #18 Gauge, Twisted Shielded Solid CU	443.13	80.50
28 05 13 23-0008	CLF	Red Teflon 1-Pair #14 Gauge, Twisted Shielded Solid CU	261.01	42.21
28 05 13 23-0009	CLF	Red Teflon 2-Pair #14 Gauge, Twisted Shielded Solid CU	343.74	54.57
28 05 13 23-0010	CLF	Red Teflon 2-Pair #16 Gauge, Twisted Shielded Solid CU	339.08	55.17

28 05 26 Grounding And Bonding For Electronic Safety And Security *(28 05)*

See CSI section 26 05 26 00-0000 for grounding and bonding.

28 05 28 Pathways For Electronic Safety And Security *(28 05)*

28 05 28 29 Hangers And Supports For Electronic Safety And Security *(28 05 28)*

See CSI section 26 05 29 00-0000 for hangers and supports.

28 05 28 33 Conduits And Backboxes For Electronic Safety And Security *(28 05 28)*

See CSI section 26 05 33 13-0000 for conduits.

28 05 28 36 Cable Trays For Electronic Safety And Security *(28 05 28)*

See CSI section 26 05 36 00-0000 for cable trays.

28 05 28 39 Surface Raceways For Electronic Safety And Security *(28 05 28)*

See CSI section 26 05 33 23-0000 for surface raceways.

28 05 53 Identification For Electronic Safety And Security *(28 05)*

See CSI section 26 05 53 00-0000 for identification.

28 10 Electronic Access Control And Intrusion Detection *(28)*

Note: Includes testing of new devices and certification. See CSI section 26 05 19 16-0009 for electrical connections and terminations.

28 13 Access Control *(28 10)*

28 13 33 Access Control Interfaces *(28 13)*

28 13 33 16 Access Control Interfaces To Access Door Control *(28 13 33)*

28 13 33 16-0001 Stand Alone Access Controls *(28 13 33 16)*

28 13 33 16-0002 Push Button Controls, Stand Alone Access Controls *(28 13 33 16-0001)*

28 13 33 16-0003 Interior Mount, Push Button Controls, Stand Alone Access Controls *(28 13 33 16-0002)*

28 13 33 16-0004	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls Note: Controls mount to a standard mullion.	77.22	20.61
28 13 33 16-0005	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	80.22	20.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 13 33 16-0006	EA	Three Button, Push Button Controls, Interior Stand Alone Access Controls For Gate Operators Note: Controls mount into a single gang electrical box. Excludes electrical box.	95.22	20.61
28 13 33 16-0007		Exterior Mount, Push Button Controls, Stand Alone Access Controls *(28 13 33 16-0002)* Note: Includes a lockable, gasketed 16 gauge steel enclosure. Excludes mounting posts.		
28 13 33 16-0008	EA	Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	93.22	20.61
28 13 33 16-0009	EA	42" High Aluminum Post With Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls Note: Includes post, mounting base and push button control. Excludes concrete foundation.	422.67	61.83
28 13 33 16-0010	EA	Three Button, Exterior Stand Alone Access Controls For Gate Operators Note: Includes open, close and stop controls.	138.72	20.61
28 13 33 16-0011	EA	Operator Reset Control, Exterior Stand Alone Access Controls For Gate Operators Note: Includes audible and visual alarm.	179.22	20.61
28 13 33 16-0012		Key Controls, Stand Alone Access Controls *(28 13 33 16-0001)*		
28 13 33 16-0013		Interior Mount, Key Controls, Stand Alone Access Controls *(28 13 33 16-0012)*		
28 13 33 16-0014	EA	Standard Mortise Key, Key Controls, Interior Stand Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	103.10	20.61
28 13 33 16-0015		Exterior Mount, Key Controls, Stand Alone Access Controls *(28 13 33 16-0012)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 13 33 16-0016	EA	Postal Or Fire Department Lock Box, Key Controls, Exterior Stand Alone Access Controls Note: Opens door or gate with a postal or fire department key.	157.07	41.22
28 13 33 16-0017	EA	Standard Mortise Key, Key Controls, Exterior Stand Alone Access Controls	244.45	41.22
28 13 33 16-0018	EA	Ace Key, Key Controls, Exterior Stand Alone Access Controls	244.45	41.22
28 13 33 16-0019	EA	Standard Mortise Key And Push Button Intercom, Key Controls, Exterior Stand Alone Access Controls	358.45	41.22
28 13 33 16-0020		Keypad Controls, Stand Alone Access Controls *(28 13 33 16-0001)*		
28 13 33 16-0021		Interior Mount, Keypad Controls, Stand Alone Access Controls *(28 13 33 16-0020)*		
28 13 33 16-0022	EA	One Code Memory, Keypad Control, Interior Stand Alone Access Controls Note: Stores one 4-digit entry code and one 4-digit hold code. Controls mount into a single gang electrical box. Excludes electrical box.	138.72	20.61
28 13 33 16-0023		Exterior Mount, Keypad Controls, Stand Alone Access Controls *(28 13 33 16-0020)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 13 33 16-0024		Keypad Controls, Exterior Stand Alone Access Controls *(28 13 33 16-0023)*		
28 13 33 16-0025	EA	2 Code Memory, Keypad Control, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores two 4-digit entry codes, two 5-digit entry codes and one 4-digit hold code.	497.89	82.45
		For Flush Mount Keypad Controls, Add	*53.28*	
28 13 33 16-0026	EA	10 Code Memory, Keypad Control, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores ten 4-digit entry codes and six 5-digit entry codes.	578.89	82.45
		For Flush Mount Keypad Controls, Add	*66.24*	
28 13 33 16-0027	EA	50 Code Memory, Keypad Control, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores fifty 4-digit entry codes and six 5-digit entry codes.	638.89	82.45
		For Flush Mount Keypad Controls, Add	*75.84*	
28 13 33 16-0028	EA	100 Code Memory, Keypad Control, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores one hundred 4-digit entry codes and six 5-digit entry codes.	698.89	82.45
		For Flush Mount Keypad Controls, Add	*85.44*	
28 13 33 16-0029	EA	250 Code Memory, Keypad Control, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores two hundred and fifty 4-digit entry codes and six 5-digit entry codes.	758.89	82.45
		For Flush Mount Keypad Controls, Add	*95.04*	
28 13 33 16-0030	EA	500 Code Memory, Keypad Control, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores five hundred 4-digit entry codes and six 5-digit entry codes.	818.89	82.45
		For Flush Mount Keypad Controls, Add	*104.64*	
28 13 33 16-0031	EA	1000 Code Memory, Keypad Control, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.	878.89	82.45
		For Flush Mount Keypad Controls, Add	*114.24*	
28 13 33 16-0032		Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls *(28 13 33 16-0023)* Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 13 33 16-0033	EA	2 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores two 4-digit entry codes, two 5-digit entry codes and one 4-digit hold code.	614.50	92.75
28 13 33 16-0034	EA	10 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores ten 4-digit entry codes and six 5-digit entry codes.	695.50	92.75
28 13 33 16-0035	EA	50 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores fifty 4-digit entry codes and six 5-digit entry codes.	755.50	92.75
28 13 33 16-0036	EA	100 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores one hundred 4-digit entry codes and six 5-digit entry codes.	815.50	92.75
28 13 33 16-0037	EA	250 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores two hundred and fifty 4-digit entry codes and six 5-digit entry codes.	875.50	92.75
28 13 33 16-0038	EA	500 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores five hundred 4-digit entry codes and six 5-digit entry codes.	935.50	92.75
28 13 33 16-0039	EA	1000 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.	995.50	92.75

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 13 33 16-0040		RF Controls, Stand Alone Access Controls *(28 13 33 16-0001)*		
28 13 33 16-0041		Exterior Mount, RF Controls, Stand Alone Access Controls *(28 13 33 16-0040)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 13 33 16-0042		RF Receivers, RF Controls, Exterior Stand Alone Access Controls *(28 13 33 16-0041)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 13 33 16-0043	EA	50 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	367.39	82.45
28 13 33 16-0044	EA	100 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	407.89	82.45
28 13 33 16-0045	EA	250 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	446.89	82.45
28 13 33 16-0046	EA	500 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	488.89	82.45
28 13 33 16-0047	EA	1000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	527.89	82.45
28 13 33 16-0048	EA	5000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	569.89	82.45
28 13 33 16-0049	EA	16000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	608.89	82.45
28 13 33 16-0050		RF Transmitters, RF Controls, Exterior Stand Alone Access Controls *(28 13 33 16-0041)*		
28 13 33 16-0051	EA	1 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	27.00	
		For >40 To 110, Deduct	*-1.35*	
		For >110, Deduct	*-2.70*	
		For Built In Proximity Tags, Add	*5.40*	
28 13 33 16-0052	EA	2 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	28.50	
		For >40 To 110, Deduct	*-1.43*	
		For >110, Deduct	*-2.85*	
		For Built In Proximity Tags, Add	*5.70*	
28 13 33 16-0053	EA	3 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	30.00	
		For >40 To 110, Deduct	*-1.50*	
		For >110, Deduct	*-3.00*	
		For Built In Proximity Tags, Add	*6.00*	
28 13 33 16-0054		Accessories For RF Receivers, Exterior Stand Alone Access Controls *(28 13 33 16-0041)*		
28 13 33 16-0055	EA	Coax Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls Note: Includes 15' of coax cable.	159.67	61.83
28 13 33 16-0056	EA	Antenna Amplifier For RF Receivers, Exterior Stand Alone Access Controls Note: Includes 20' of coax cable.	243.67	61.83
28 13 33 16-0057	EA	Yagi High-Gain Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls Note: Includes 15' of coax cable.	252.67	61.83
28 13 33 16-0058		Proximity Card Controls, Stand Alone Access Controls *(28 13 33 16-0001)*		
28 13 33 16-0059		Exterior Mount, Proximity Card Controls, Stand Alone Access Controls *(28 13 33 16-0058)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 13 33 16-0060		DKS Proximity Card Controls, Exterior Stand Alone Access Controls *(28 13 33 16-0059)*		
28 13 33 16-0061		DKS Proximity Card Readers, Exterior Stand Alone Access Controls *(28 13 33 16-0060)*		
28 13 33 16-0062	EA	DKS Proximity Card Reader, Exterior Stand Alone Access Controls	685.39	82.45
28 13 33 16-0063		AWID Proximity Card Controls, Exterior Stand Alone Access Controls *(28 13 33 16-0059)*		
28 13 33 16-0064		AWID Proximity Card Readers, Exterior Stand Alone Access Controls *(28 13 33 16-0063)*		
28 13 33 16-0065	EA	AWID Proximity Card Reader, Exterior Stand Alone Access Controls	700.39	82.45
28 13 33 16-0066		HID Proximity Card Controls, Exterior Stand Alone Access Controls *(28 13 33 16-0059)*		
28 13 33 16-0067		HID Proximity Card Readers, Exterior Stand Alone Access Controls *(28 13 33 16-0066)*		
28 13 33 16-0068	EA	HID Proximity Card Reader, Exterior Stand Alone Access Controls	827.89	82.45
28 13 33 16-0069		Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 13 33 16-0001)*		
28 13 33 16-0070		Interior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 13 33 16-0069)*		
28 13 33 16-0071	EA	Magnetic Stripe Reader, Interior Stand Alone Access Controls	464.89	82.45
28 13 33 16-0072		Exterior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 13 33 16-0069)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 13 33 16-0073	EA	Magnetic Stripe Reader, Exterior Stand Alone Access Controls	514.89	82.45
28 13 33 16-0074		Other Stand Alone Access Controls *(28 13 33 16-0001)*		
28 13 33 16-0075	EA	Toggle Switch, Interior Access Controls For Gate Operators Note: Controls mount into a single gang electrical box. Excludes electrical box.	73.84	20.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 13 33 16-0076		Wiegand Output Access Controls *(28 13 33 16)* Note: Excludes controllers.		
28 13 33 16-0077		Proximity Card Controls, Wiegand Output Access Controls *(28 13 33 16-0076)*		
28 13 33 16-0078		DKS, Proximity Card Controls, Wiegand Output Access Controls *(28 13 33 16-0077)*		
28 13 33 16-0079		DKS, Proximity Cards *(28 13 33 16-0078)*		
28 13 33 16-0080	EA	Clamshell Type, DKS Proximity Card (DKS 170)	3.71	
28 13 33 16-0081	EA	ISO Compliant Graphics Card, DKS Proximity Card (DKS 80)	6.23	
28 13 33 16-0082	EA	DKS Proximity Key Fob (DKS 50)	5.95	
28 13 33 16-0083	EA	Active Tag, DKS Proximity Tag (DKS 150) Note: Battery powered tag to boost signal.	39.20	
28 13 33 16-0084	EA	Active Tag, DKS Proximity Tag (DKS 200) Note: Battery powered tag to boost signal.	44.10	
28 13 33 16-0085		DKS, Proximity Card Readers, Wiegand Output Access Controls *(28 13 33 16-0078)*		
28 13 33 16-0086	EA	Up To 4" Read Range, 5-12 VDC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Tiny) Note: For mullion mounting.	357.31	103.05
28 13 33 16-0087	EA	Up To 4" Read Range, 5-12 VDC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS 10) Note: For mullion mounting.	357.31	103.05
28 13 33 16-0088	EA	Up To 12" Read Range, 5-12 VDC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS 30) Note: Includes 12 VDC regulated power supply.	570.11	103.05
28 13 33 16-0089	EA	Up To 18" Read Range, 5-12 VDC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS 70) Note: Includes mounting bracket and 12 VDC regulated power supply.	1,335.56	103.05
28 13 33 16-0090		AWID, Proximity Card Controls, Wiegand Output Access Controls *(28 13 33 16-0077)*		
28 13 33 16-0091		AWID, Proximity Cards *(28 13 33 16-0090)*		
28 13 33 16-0092	EA	Clamshell Type, AWID Proximity Card (AWID Prox-Linc CS)	3.64	
28 13 33 16-0093	EA	ISO Compliant Graphics Card, AWID Proximity Card (AWID Prox-Linc GR)	5.53	
28 13 33 16-0094	EA	AWID Proximity Key Fob (AWID Prox-Linc KT)	5.88	
28 13 33 16-0095	EA	Windshield Tag For LR 911 Readers, AWID Proximity Tag	19.60	
28 13 33 16-0096	EA	Metal Mount Tag For LR 911 Readers, AWID Proximity Tag	19.60	
28 13 33 16-0097		AWID, Proximity Card Readers, Wiegand Output Access Controls *(28 13 33 16-0090)*		
28 13 33 16-0098	EA	Up To 4" Read Range, 5-12 VDC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID SR 2400) Note: For mullion mounting.	357.31	103.05
28 13 33 16-0099	EA	Up To 8" Read Range, 5-12 VDC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6800) Note: For mullion mounting.	432.91	103.05
28 13 33 16-0100	EA	Up To 8" Read Range, 5-12 VDC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6820) Note: For single gang electrical box mounting.	530.11	103.05
28 13 33 16-0101	EA	Up To 24" Read Range, 5-12 VDC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MR 1824) Note: Includes 12 VDC regulated power supply.	661.11	103.05
28 13 33 16-0102	EA	Up To 11' Read Range, 12 VDC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID LR 911) Note: Includes mounting bracket and 12 VDC regulated power supply.	2,335.16	103.05
28 13 33 16-0103		HID, Proximity Card Controls, Wiegand Output Access Controls *(28 13 33 16-0077)*		
28 13 33 16-0104		HID, Proximity Cards *(28 13 33 16-0103)*		
28 13 33 16-0105	EA	Clamshell Type, HID Proximity Card (HID ProxCard II)	10.52	
28 13 33 16-0106	EA	ISO Compliant Graphics Card, HID Proximity Card (HID ISOProx II)	13.04	
28 13 33 16-0107	EA	HID Proximity Key Fob (HID ProxKey II)	13.32	
28 13 33 16-0108		HID, Proximity Card Readers, Wiegand Output Access Controls *(28 13 33 16-0103)*		
28 13 33 16-0109	EA	Up To 3" Read Range, 5-16 VDC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ProxPoint Plus) Note: For mullion mounting. (HID P/N 6005).	324.39	103.05
28 13 33 16-0110	EA	Up To 5" Read Range, 5-16 VDC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ThinLine II) Note: For single gang electrical box mounting. (HID P/N 5395).	372.19	103.05
28 13 33 16-0111	EA	Up To 5" Read Range, 5-16 VDC, HID Proximity Card Reader, Wiegand Output Access Controls (HID MiniProx) Note: For mullion mounting. (HID P/N 5365).	408.03	103.05
28 13 33 16-0112	EA	EntryProx Single-Door Proximity Access Control Note: (HID P/N 4045) Stores up to 2,000 users and 1,000 time-stamped transactions 12 position keypad for Pin entry or programming optional use with card/key fob, code only or card plus pin code Wiegand output mode. Continental Instrument CICR2358P.	504.81	103.05
28 13 33 16-0113		Contactless Smart Card Controls, Wiegand Output Access Controls *(28 13 33 16-0076)*		
28 13 33 16-0114		HID, Contactless Smart Cards *(28 13 33 16-0113)*		
28 13 33 16-0115	EA	2K Bits, Clamshell Type, HID iClass, Contactless Smart Card	3.02	
28 13 33 16-0116	EA	16K Bits, ISO Compliant Graphics Card, HID iClass, Contactless Smart Card	6.54	
28 13 33 16-0117	EA	16K Bits, Contactless Smartcard Key Fob, HID iClass, Contactless Smart Card	9.15	
28 13 33 16-0118	EA	16K Bits, Contactless Smartcard Tag, HID iClass, Contactless Smart Card Note: Battery powered tag to boost signal.	5.61	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 13 33 16-0119		HID, Contactless Smart Card Readers, Wiegand Output Access Controls *(28 13 33 16-0113)*		
28 13 33 16-0120	EA	Up To 3-1/4" Read Range, 5-16 VDC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R10) Note: For mullion mounting.	315.01	103.05
28 13 33 16-0121	EA	Up To 4-1/4" Read Range, 5-12 VDC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R40) Note: For mullion mounting.	403.01	103.05
28 13 33 16-0122	EA	Up To 4-1/4" Read Range, 5-12 VDC, HID iClass Contactless Smart Card Reader With Keypad, Wiegand Output Access Controls (HID RK40) Note: For mullion mounting.	580.11	103.05
28 13 33 16-0123		HID, Contactless Smart Card Programmer, Wiegand Output Access Controls *(28 13 33 16-0113)*		
28 13 33 16-0124	EA	HID iClass Contactless Smart Card Programmer, Wiegand Output Access Controls (HID CP400) Note: For mullion mounting.	2,075.01	103.05
28 13 33 16-0125		Call Station Controls, Wiegand Output Access Controls *(28 13 33 16-0076)* Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 13 33 16-0126	EA	Call Station With Entry Keypad, Exterior Wiegand Output Access Controls Note: For mullion mounting.	746.11	103.05
28 13 33 16-0127	EA	Call Station With Proximity Card Reader, Exterior Wiegand Output Access Controls Note: For mullion mounting.	633.61	103.05
28 13 33 16-0128		Biometrics Readers, Wiegand Output Access Controls *(28 13 33 16-0076)*		
28 13 33 16-0129	EA	Palm Reader Recognition System, Biometrics Readers, Wiegand Output Access Controls	3,090.84	82.45
28 13 33 16-0130	EA	CCD Camera, Face Image, Biometrics Readers, Wiegand Output Access Controls	3,763.19	82.45
28 13 33 16-0131	EA	Video Grabber Card For DFR Reader, Biometrics Readers, Wiegand Output Access Controls	1,516.37	82.45
28 13 33 16-0132	EA	Fingerprint Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Pass)	1,032.79	82.45
28 13 33 16-0133	EA	Fingerprint Reader With HID Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Prox)	1,043.79	82.45
28 13 33 16-0134	EA	Fingerprint Reader With Contactless Smart Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Smart)	1,369.39	82.45
28 13 33 16-0135		Exterior Mounting Posts For Gate Operator Access Controls *(28 13 33 16)* Note: Includes mounting plate for access controls, baked on enamel finish and mounting bolt covers. Excludes concrete pads and electrical connections.		
28 13 33 16-0136		2" x 2" Steel, Exterior Mounting Posts For Gate Operator Access Controls *(28 13 33 16-0135)*		
28 13 33 16-0137	EA	44" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 5" x 5" base plate.	193.66	16.58
28 13 33 16-0138	EA	73" Tall, Gooseneck Style, Dual Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	455.16	16.58
28 13 33 16-0139	EA	Anchor Post For 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	175.66	16.58
28 13 33 16-0140		4" x 4" Steel, Exterior Mounting Posts For Gate Operator Access Controls *(28 13 33 16-0135)*		
28 13 33 16-0141	EA	59" Tall, Straight Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	342.16	16.58
28 13 33 16-0142	EA	49" Tall, Offset Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate and a 14" offset from back of post.	390.16	16.58
28 13 33 16-0143	EA	Anchor Post For 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	250.66	16.58
28 13 33 16-0144		4" x 8" Steel, Exterior Mounting Posts For Gate Operator Access Controls *(28 13 33 16-0135)*		
28 13 33 16-0145	EA	59" Tall, Straight Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 11" x 13" base plate.	1,105.66	16.58
28 13 33 16-0146	EA	50" Tall, Offset Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 10" x 14" base plate and a 14" offset from back of post.	1,158.16	16.58
28 13 33 16-0147	EA	Anchor Post For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	475.66	16.58
28 13 33 16-0148	EA	48" Light Tower For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls	760.66	16.58
28 13 33 16-0149		Magnetic Locks *(28 13 33 16)* Note: Excludes access controls.		
28 13 33 16-0150		Magnetic Door Locks *(28 13 33 16-0149)*		
28 13 33 16-0151		300# Magnetic Door Locks *(28 13 33 16-0150)*		
28 13 33 16-0152	EA	Single Door, Surface Mount, 300# Magnetic Door Lock	335.14	82.45
28 13 33 16-0153		600# Magnetic Door Locks *(28 13 33 16-0150)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 13 33 16-0154	EA	Single Door, Surface Mount, 600# Magnetic Door Lock	452.51	82.45
		For LED Status Indicator And Signal Relay, Add	*35.95*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*71.91*	
		For Mortise Mount, Deduct	*-57.52*	
28 13 33 16-0155	EA	Dual Doors, Surface Mount, 600# Magnetic Door Lock	647.14	82.45
		For LED Status Indicator And Signal Relay, Add	*60.28*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*120.56*	
28 13 33 16-0156		**1200# Magnetic Door Locks** *(28 13 33 16-0150)*		
28 13 33 16-0157	EA	Single Door, Surface Mount, 1200# Magnetic Door Lock	473.89	82.45
		For LED Status Indicator And Signal Relay, Add	*71.07*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*92.70*	
28 13 33 16-0158	EA	Dual Doors, Surface Mount, 1200# Magnetic Door Lock	687.64	82.45
		For LED Status Indicator And Signal Relay, Add	*120.23*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*156.83*	
28 13 33 16-0159		**2000# Shear Lock, Magnetic And Mechanical Locks** *(28 13 33 16-0150)*		
		Note: Includes LED status indicator and built-in signal relay.		
28 13 33 16-0160	EA	Single Door, Mortise Mount, 2000# Shear Lock, Magnetic And Mechanical Door Lock	489.64	82.45
28 13 33 16-0161		**Magnetic Gate Locks** *(28 13 33 16-0149)*		
28 13 33 16-0162		**600# Magnetic Gate Locks** *(28 13 33 16-0161)*		
28 13 33 16-0163	EA	600# Magnetic Gate Lock	382.39	82.45
28 13 33 16-0164		**1200# Magnetic Gate Locks** *(28 13 33 16-0161)*		
28 13 33 16-0165	EA	1200# Magnetic Gate Lock	446.14	82.45
		For LED Status Indicator And Signal Relay, Add	*35.16*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*70.31*	
		For Mortise Mount, Deduct	*-56.25*	
28 13 33 16-0166		**Magnetic Lock Power Supply And Chargers** *(28 13 33 16-0149)*		
		Note: Includes lockable metal enclosure, batteries, battery charger and electronically regulated outputs.		
28 13 33 16-0167	EA	12/24 VDC At 1 Amp, Magnetic Lock Backup Power Supply And Charger	302.93	82.45
28 13 33 16-0168	EA	12/24 VDC At 2-1/2 Amp, Magnetic Lock Backup Power Supply And Charger	368.53	82.45
28 13 33 16-0169	EA	12 VDC At 4 Amp And 24 VDC At 3 Amp, Magnetic Lock Backup Power Supply And Charger	408.53	82.45
28 13 33 16-0170	EA	12/24 VDC At 6 Amp, Magnetic Lock Backup Power Supply And Charger	492.33	82.45
28 13 33 16-0171		**Access Control Accessories** *(28 13 33 16)*		
28 13 33 16-0172	EA	Modem: Multitech, Mt2834L	1,243.47	
28 13 33 16-0173	EA	6 VDC, 12 VDC Or 24 VDC @ 4 Amps, Power Supply/Charger (Altronix SMP-5)	336.00	
28 13 33 16-0174	EA	12 Volt, 7 Amp, Battery	41.30	
28 13 33 16-0175	EA	12 Volt, 18 Amp, Battery	92.06	
28 13 33 16-0176	EA	Door Personality Module (Sensormatic RM-4)	363.97	20.61
28 13 33 16-0177	EA	Mini-Alert Door Ajar Sounder (System Sensor PA400)	161.00	41.22
28 13 33 16-0178	EA	Recessed Contact For Steel Doors, Door Monitor Switch (Sentrol 1078C)	60.19	24.74
28 13 33 16-0179	EA	Access Control Systems Power Supply (Altronix AL400ULACMCB)	385.33	16.49
28 13 33 16-0180	EA	Surge Suppressor (Tripp-Lite IBAR4)	59.02	4.13
28 13 33 16-0181	EA	Door Strike Relay (Altronix RBSN-TTL)	48.64	16.49
28 13 33 16-0182		**Access Controllers** *(28 13 33 16)*		
28 13 33 16-0183		**Microterm Controller** *(28 13 33 16-0182)*		
28 13 33 16-0184	EA	Microterm Stand Alone One Or Two Door Processing Panel (Continental Instruments CICP1100)	968.41	103.05
		Note: Up to 1,000 card capacity. Includes 2 alarm inputs, tamper alarm, and 3 relay outputs.		
28 13 33 16-0185	EA	Microterm PC Board (Continental Instruments CICP1100PCB)	685.04	61.83
28 13 33 16-0186	EA	Battery Standby For Microterm (Continental Instruments CICP1100BAT-2)	317.27	
		Note: Input 120VAC, output 12VDC to temporarily power the Microterm only.		
28 13 33 16-0187		**Miniterm Controller** *(28 13 33 16-0182)*		
28 13 33 16-0188	EA	Miniterm Two Reader Processing Panel (Continental Instrument CICP1200)	1,491.76	103.05
		Note: Up to 3,000 card capacity. Includes 8 EOL Class A supervised alarm inputs, temper alarm, and 5 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.		
28 13 33 16-0189	EA	Miniterm PC Board (Continental Instrument CICP1200PCB)	1,112.80	61.83
28 13 33 16-0190		**Super-2 Controller** *(28 13 33 16-0182)*		
28 13 33 16-0191	EA	Super-Two - Two Reader Processing Panel (Continental Instruments CICP1300)	1,115.49	103.05
		Note: For use with CA3000 V2.0.25 and above. Up to a 125,000 card capacity, 8 EOL supervised alarm inputs, tamper, 5 relay outputs. Support for on-board LAN adapter, 57,600 baud rate, 6 access groups per card-holder and compressed data mode. Complete in a lockable steel enclosure with battery standby for memory and system operation.		
28 13 33 16-0192	EA	Super-Two - PC Board (Continental Instruments CICP1300BD)	753.19	61.83
28 13 33 16-0193	EA	Network Interface Board For Super-2 (Continental Instruments CICP1300NETBD)	220.45	61.83
		Note: Optional on-board adapter allows for communication over TCP/IP.		
28 13 33 16-0194		**Smarterm Controller** *(28 13 33 16-0182)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 13 33 16-0195	EA	Smarterm Four Reader Processing Panel (Continental Instrument CICP1400) ..... Note: Card capacity up to 2,500. Includes 16 alarm inputs, tamper alarm, and 9 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	3,094.32	123.67
28 13 33 16-0196	EA	Smarterm PC Board (Continental Instrument CICP1400PCB)	2,359.65	61.83
28 13 33 16-0197	EA	Smarterm Memory Board - 256K (Continental Instrument CICP1400MB256-1) ..... Note: Up to 10,000 cardholders.	928.26	61.83
28 13 33 16-0198	EA	Smarterm Memory Board - 2MB (Continental Instrument CICP1400MB2-1) ..... Note: Up to 50,000 cardholders.	1,312.73	61.83
28 13 33 16-0199	EA	Smarterm Relay Expander Board (Continental Instrument CICP1400RB) ..... Note: 16 Output relays, 8 alarm inputs.	1,024.63	61.83
28 13 33 16-0200	EA	Smarterm Alarm Expander Board (Continental Instrument CICP1400RB) ..... Note: (Supervised) 16 alarm inputs.	1,024.63	61.83
28 13 33 16-0201		**Superterm-4 Controller** *(28 13 33 16-0182)*		
28 13 33 16-0202	EA	Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400UL) ..... Note: 20,000 card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	2,859.70	123.67
28 13 33 16-0203	EA	Superterm-4 PC Board (Continental Instrument CICP1400ULPCB)	2,320.21	61.83
28 13 33 16-0204		**Superterm-8 Controller** *(28 13 33 16-0182)*		
28 13 33 16-0205	EA	Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800) ..... Note: Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	3,823.09	206.11
28 13 33 16-0206	EA	Superterm-8 - Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800EXP) ..... Note: With expanded power supply. (required if more than 1 relay expander board is used.) Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	4,143.49	206.11
28 13 33 16-0207	EA	Superterm-8 PC Board (Continental Instrument CICP1800PCB)	3,118.71	61.83
28 13 33 16-0208		**Turbo Superterm-4 Controller** *(28 13 33 16-0182)*		
28 13 33 16-0209	EA	Turbo Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400ULT) ..... Note: 20,000 Card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	2,859.70	123.67
28 13 33 16-0210	EA	Turbo Superterm-4 PC Board (Continental Instrument CICP1400ULTPCB)	2,320.21	61.83
28 13 33 16-0211		**Turbo Superterm-8 Controller** *(28 13 33 16-0182)*		
28 13 33 16-0212	EA	Turbo Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800T) ..... Note: For use with CA3000 V2.0.25 and above. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	3,823.09	206.11
28 13 33 16-0213	EA	Turbo Superterm-8 -Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800TEXP) ..... Note: Required if more than one relay expander board is used. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	4,143.49	206.11
28 13 33 16-0214	EA	Turbo Superterm-8 PC Board (Continental Instrument CICP1800TPCB)	3,118.71	61.83
28 13 33 16-0215	EA	Superterm Memory Board - 2MB (Continental Instrument CICP1800MB2) ..... Note: Up to 140,000 cardholders.	1,312.73	61.83
28 13 33 16-0216	EA	Turbo/Superterm-8 Memory Board - 2MB (Continental Instrument CICP1800MB2X2) ..... Note: Up to 140,000 cardholders.	1,107.67	61.83
28 13 33 16-0217	EA	Turbo Superterm-8 Relay Expander Board (Continental Instrument CICP1800RB) ..... Note: 16 Output relays, 8 alarm inputs.	1,025.67	61.83
28 13 33 16-0218	EA	Turbo Superterm-8 Alarm Expander Board (Continental Instrument CICP1800RB) ..... Note: (Supervised) 16 Alarm inputs.	1,025.67	61.83
28 13 33 16-0219	EA	Expanded Power Supply For Superterm Or Turbo Superterm (Continental Instrument CICPEXPPWS)	410.97	
28 13 33 16-0220		**Access Control Bundled System** *(28 13 33 16)*		
28 13 33 16-0221	EA	CA 3000 Bundled System, Supports 25 Users (Continental Instrument CA3B250P4O3V0R0) ..... Note: System includes PC, monitor, keyboard, mouse, OS, Card Access 3000 file server software, MS SQL 2000, 1 SQL host license, and security key.	20,495.43	
28 13 33 16-0222		**Master Door Buzzer Stations** *(28 13 33 16)*		
28 13 33 16-0223		**Master Stations** *(28 13 33 16-0222)*		
28 13 33 16-0224	EA	Master Stations, 5 Station Intercommunication Equipment	639.13	128.61
28 13 33 16-0225	EA	Master Stations, 10 Station Intercommunication Equipment	989.75	248.98
28 13 33 16-0226	EA	Master Station, Desk Style Remote Intercommunication Equipment	279.41	64.30
28 13 33 16-0227	EA	Master Station, Flush Wall Remote Intercommunication Equipment	370.89	107.18
28 13 33 16-0228	EA	Sound System Outlet, Protector	102.82	41.96
28 13 33 16-0229	EA	Sound System Microphone Outlet	186.45	85.90
28 13 33 16-0230	EA	Sound System Speaker Ceiling Or Wall	130.10	41.96
28 13 33 16-0231	EA	Sound System Monitor Panel	360.71	85.90
28 13 33 16-0232	EA	Sound System Volume Control	115.40	41.96
28 13 33 16-0233	EA	Sound System Amplifier 250 W	1,640.31	343.55
28 13 33 16-0234	EA	Sound System Cabinet	1,033.45	343.55
28 13 33 16-0235		**Master Door Stations** *(28 13 33 16-0222)*		
28 13 33 16-0236	EA	Master Door Stations, Button Buzzer Type, 25 Station	1,583.61	
		For Intercom Type Master Door Station, Add	*104.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 13 33 16-0237	EA	Master Door Stations, Button Buzzer Type, 50 Station	2,627.16	
		For Intercom Type Master Door Station, Add	*169.81*	
28 13 33 16-0238	EA	Master Door Stations, Button Buzzer Type, 75 Station	3,620.47	
		For Intercom Type Master Door Station, Add	*220.12*	
28 13 33 16-0239	EA	Master Door Stations, Button Buzzer Type, 100 Station	4,131.15	
		For Intercom Type Master Door Station, Add	*257.86*	
28 13 33 16-0240	EA	Master Door Stations, Button Buzzer Type, 150 Station	4,938.42	
		For Intercom Type Master Door Station, Add	*377.35*	
28 13 33 16-0241	EA	Master Door Stations, Button Buzzer Type, 200 Station	5,743.47	
		For Intercom Type Master Door Station, Add	*486.37*	
28 13 33 16-0242	EA	Master Door Stations, Button Buzzer Type, 250 Station	7,210.86	
		For Intercom Type Master Door Station, Add	*628.92*	
28 13 33 16-0243	EA	Master Door Stations, Button Buzzer Type, 300 Station	8,649.71	
		For Intercom Type Master Door Station, Add	*721.16*	
28 13 33 16-0244	EA	Transformer	109.70	
28 13 33 16-0245	EA	Door Opener	162.77	
28 13 33 16-0246	EA	Buzzer With Door Release And Plate	204.02	
28 13 33 16-0247	EA	Amplifier For Intercom Type Unit	306.94	
28 13 33 16-0248	EA	Speaker With Door Release	132.41	

28 13 33 16-0249 Request To Exit Detector *(28 13 33 16)*

28 13 33 16-0250	EA	Request-To-Exit Detector; Bosch DS160	139.00	64.30

28 13 33 16-0251 Access Power Controllers *(28 13 33 16)*

28 13 33 16-0252	EA	26" x 19" x 6.25" Access Power Controller Enclosure; A Tronix; Maim 75D Note: Includes power supply	913.00	75.85

28 13 53 Security Access Detection *(28 13)*

28 13 53 13 Security Access Metal Detectors *(28 13 53)*

28 13 53 13-0001	EA	Hand-Held Metal Detector	206.64	20.61
28 13 53 13-0002	EA	Walk-Through Metal Detector, Complete Unit	4,835.39	329.78

28 20 Electronic Surveillance *(28)*

Note: Includes testing of new devices and certification. See CSI section 26 05 19 16-0009 for electrical connections and termination.

28 23 Video Surveillance *(28 20)*

28 23 00 00-0001 Closed Circuit Television And Surveillance Systems (Vicon) *(28 23)*

Note: Includes a 3 year manufacturer's warranty. Use Vicon replacement models, "or equal", when the listed models are superseded.

28 23 00 00-0002 Vicon CCTV Factory Project Management Program *(28 23 00 00-0001)*

Note: For first time installations at a facility.

28 23 00 00-0003	EA	Factory Project Management Program For 1 To 20 Camera System Vicon CCTV Installation Support Note: Includes two site visits by a Vicon technical representative. First site visit to generate punch list and 2nd site visit for final inspection and training.	3,043.20	
28 23 00 00-0004	EA	Factory Project Management Program For 21 To 40 Camera System Vicon CCTV Installation Support Note: Includes two site visits by a Vicon technical representative. First site visit to generate punch list and 2nd site visit for final inspection and training.	3,804.00	
28 23 00 00-0005	EA	Factory Project Management Program For >40 Camera System Vicon CCTV Installation Support Note: Includes three site visits by a Vicon technical representative. First site visit during installation commencement, 2nd to generate punch list, and 3rd site visit for final inspection and training.	4,564.80	

28 23 00 00-0006 Digital Video Transport And Storage Systems *(28 23 00 00-0001)*

28 23 00 00-0007 Kollector Pro Digital Recorders *(28 23 00 00-0006)*

28 23 00 00-0008	EA	16-Channel Digital Recorder, 120 fps, 500 GB HDD, DVD-R/RW Drive Note: Kollector Pro. Vicon KP121650-DVD.	4,885.42	20.64
28 23 00 00-0009	EA	16-Channel Digital Recorder, 240 fps, 900 GB HDD, DVD-R/RW Drive Note: Kollector Pro. Vicon model KP241690-DVD.	7,399.18	20.64
28 23 00 00-0010	EA	2-Port KVM Switch Note: Allows control of two Kollectors from one keyboard, mouse, and monitor. Vicon model VTK-205l.	114.61	9.26
28 23 00 00-0011	EA	16-Channel Digital Recorder, 120 fps, 500 GB HDD, DVD-R/RW Drive Note: Special Kollector Pro Server. Preloaded ViconNet version 3.0. 16x4 Analog video matrix, NTSC/EIA and PAL/CCIR, LD GSA-4163B. Vicon model KP120M-500-DVD.	4,550.76	20.64
28 23 00 00-0012	EA	16-Channel Digital Recorder, 240 fps, 900 GB HDD, DVD-R/RW Drive Note: Special Kollector Pro Server. Preloaded ViconNet version 3.0. 16x4 Analog video matrix, NTSC/EIA and PAL/CCIR, LD GSA-4163B. Vicon model KP240M-900-DVD.	6,889.36	20.64
28 23 00 00-0013	EA	16-Channel Digital Recorder, 30 fps, 160 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX30-160.	3,530.83	20.64
28 23 00 00-0014	EA	16-Channel Digital Recorder, 30 fps, 160 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog video matrix. Vicon model KPX30M-160.	3,781.89	20.64
28 23 00 00-0015	EA	16-Channel Digital Recorder, 30 fps, 320 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX30-320.	3,925.23	20.64
28 23 00 00-0016	EA	16-Channel Digital Recorder, 30 fps, 320 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX30M-320.	4,176.29	20.64
28 23 00 00-0017	EA	16-Channel Digital Recorder, 30 fps, 500 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX30-500.	4,320.54	20.64
28 23 00 00-0018	EA	16-Channel Digital Recorder, 30 fps, 500 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX30M-500.	4,571.60	20.64
28 23 00 00-0019	EA	16-Channel Digital Recorder, 60 fps, 250 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX60-250.	4,271.24	20.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0020	EA	16-Channel Digital Recorder, 60 fps, 250 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX60M-250.	4,522.30	20.64
28 23 00 00-0021	EA	16-Channel Digital Recorder, 60 fps, 400 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX60-400.	4,764.24	20.64
28 23 00 00-0022	EA	16-Channel Digital Recorder, 60 fps, 400 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX60M-400.	5,015.30	20.64
28 23 00 00-0023	EA	16-Channel Digital Recorder, 60 fps, 660 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KP60-660.	5,258.15	20.64
28 23 00 00-0024	EA	16-Channel Digital Recorder, 60 fps, 660 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX60M-660.	5,509.21	20.64
28 23 00 00-0025	EA	16-Channel Digital Recorder, 120 fps, 250 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX120-250.	5,307.45	20.64
28 23 00 00-0026	EA	16-Channel Digital Recorder, 120 fps, 250 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX120M-250.	5,558.51	20.64
28 23 00 00-0027	EA	16-Channel Digital Recorder, 120 fps, 500 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX120-500.	6,047.86	20.64
28 23 00 00-0028	EA	16-Channel Digital Recorder, 120 fps, 500 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX120M-500.	6,298.92	20.64
28 23 00 00-0029	EA	16-Channel Digital Recorder, 120 fps, 900 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX120-900.	7,034.77	20.64
28 23 00 00-0030	EA	16-Channel Digital Recorder, 120 fps, 900 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX120M-900.	7,285.83	20.64
28 23 00 00-0031	EA	16-Channel Digital Recorder, 120 fps, 1200 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX120-1200.	7,781.57	20.64
28 23 00 00-0032	EA	16-Channel Digital Recorder, 120 fps, 1200 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX120M-1200.	8,032.64	20.64
28 23 00 00-0033	EA	16-Channel Digital Recorder, 240 fps, 320 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX240-320.	7,775.18	20.64
28 23 00 00-0034	EA	16-Channel Digital Recorder, 240 fps, 320 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX240M-320.	8,026.24	20.64
28 23 00 00-0035	EA	16-Channel Digital Recorder, 240 fps, 900 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX240-900.	9,255.09	20.64
28 23 00 00-0036	EA	16-Channel Digital Recorder, 240 fps, 900 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX240M-900.	9,506.15	20.64
28 23 00 00-0037	EA	16-Channel Digital Recorder, 240 fps, 1200 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX24-1200.	9,995.50	20.64
28 23 00 00-0038	EA	16-Channel Digital Recorder, 240 fps, 1200 GB HDD Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX24M-1200.	10,246.56	20.64
28 23 00 00-0039		Kollector Elite Digital Recorders And Master Workstations *(28 23 00 00-0006)*		
28 23 00 00-0040	EA	16-Channel Digital Recorder, 120 fps, 250 GB Internal HDD Note: Kollector Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-250.	7,478.47	20.64
28 23 00 00-0041	EA	16-Channel Digital Recorder, 120 fps, 500 GB Internal HDD Note: Kollector Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-500.	8,218.88	20.64
28 23 00 00-0042	EA	16-Channel Digital Recorder, 120 fps, 900 GB Internal HDD Note: Kollector Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-900.	8,959.29	20.64
28 23 00 00-0043	EA	16-Channel Digital Recorder, 120 fps, 1200 GB Internal HDD Note: Kollector Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-1200.	9,700.61	20.64
28 23 00 00-0044	EA	16-Channel Digital Recorder, 120 fps, 1600 GB Internal HDD Note: Kollector Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-1600.	10,686.61	20.64
28 23 00 00-0045	EA	16-Channel Digital Recorder, 240 fps, 300 GB Internal HDD Note: Kollector Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-300.	9,576.45	20.64
28 23 00 00-0046	EA	16-Channel Digital Recorder, 240 fps, 660 GB Internal HDD Note: Kollector Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-660.	10,315.95	20.64
28 23 00 00-0047	EA	16-Channel Digital Recorder, 240 fps, 900 GB Internal HDD Note: Kollector Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-900.	11,056.36	20.64
28 23 00 00-0048	EA	16-Channel Digital Recorder, 240 fps, 1200 GB Internal HDD Note: Kollector Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-1200.	11,795.86	20.64
28 23 00 00-0049	EA	16-Channel Digital Recorder, 240 fps, 1600 GB Internal HDD Note: Kollector Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-1600.	12,786.42	20.64
28 23 00 00-0050	EA	16-Channel Digital Recorder, 480 fps, 250 GB Internal HDD Note: Kollector Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX480M-250.	11,946.50	20.64
28 23 00 00-0051	EA	16-Channel Digital Recorder, 480 fps, 1200 GB Internal HDD Note: Kollector Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX480M-1200.	14,043.56	20.64
28 23 00 00-0052	EA	16-Channel Digital Recorder, 480 fps, 1600 GB Internal HDD Note: Kollector Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX480M-1600.	15,055.12	20.64
28 23 00 00-0053		Kollector Network Servers *(28 23 00 00-0006)*		
28 23 00 00-0054	EA	Kollector Network Server, 120 fps, 40 GB HD, 4 Sensor Channels Note: 16-Channel networked digital video server, NTSC/EIA and PAL/CCIR. Includes ViconNet software for local viewing of live and recorded video. Windows XP. Vicon model KNS120-40.	3,777.02	20.64
28 23 00 00-0055	EA	Kollector Network Server, 120 fps, 400 GB HD, 4 Sensor Channels Note: 16-Channel networked digital video server, NTSC/EIA and PAL/CCIR. Includes ViconNet software for local viewing of live and recorded video. Windows XP. Vicon model KNS120-400.	4,887.79	20.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0056	EA	Kollector Network Server, 120 fps, 800 GB HD, 4 Sensor Channels Note: 16-Channel networked digital video server, NTSC/EIA and PAL/CCIR. Includes ViconNet software for local viewing of live and recorded video. Windows XP. Vicon model KNS120-800.	6,245.06	20.64
28 23 00 00-0057		**ViconNet IP Video Servers And Camera/Server** *(28 23 00 00-0006)*		
28 23 00 00-0058	EA	ViconNet 1-Channel Video Server Note: Accepts 1 analog video input for transmission over TCP/IP network (30 fps total). Includes ViconNet VN100V3 4-channel viewing software. Vicon model VN-301TV3.	816.60	20.64
28 23 00 00-0059	EA	ViconNet 4-Channel Digital Video Server Note: 120 fps, ViconNet VN100V3 4-channel viewing software. Vicon model KTX-4.	1,447.46	20.64
28 23 00 00-0060	EA	IP Camera/ 4-Channel Digital Video Server Note: 120 fps, ViconNet Version 3.0; audio input/output; power over ethernet capability. Vicon model VN-755IPV3.	1,064.01	20.64
28 23 00 00-0061	EA	Alarm/Audio Accessory Kit For VN-755IP Note: Provides for alarm and audio capability. Vicon model VN-755KIT.	43.99	8.26
28 23 00 00-0062	EA	Double Width Rack Kit For Use With KTX-4 IP Encoder Note: Mounts two (2) KTX-4 encoders in standard 19" rack. Vicon model KX-4-RK2.	24.57	4.91
28 23 00 00-0063		**ViconNet Software Enhancement** *(28 23 00 00-0006)*		
28 23 00 00-0064	EA	Viconnet Software Enhancements For Kollector Elite Recorders Note: Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KE-SE.	989.11	
28 23 00 00-0065	EA	Viconnet Software Enhancements For Kollector Pro Recorders Note: Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KPR-SE.	854.27	
28 23 00 00-0066	EA	Viconnet Software Enhancements For Kollector Network Servers Note: Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KN-SE.	641.19	
28 23 00 00-0067	EA	Viconnet Software Enhancements For Master Workstations Note: For ViconNet VN1000/5000 master workstations and software. Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-SW-1000-SE.	219.40	
28 23 00 00-0068	EA	Viconnet Software Enhancements For 16-Channel Viewer Software Note: For ViconNet VN500. Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-SW-500-SE.	65.89	
28 23 00 00-0069		**ViconNet Software Maintenance Programs** *(28 23 00 00-0006)*		
28 23 00 00-0070	EA	ViconNet Software Maintenance For Kollector Elite Recorders Note: Includes all ViconNet software patches released by Vicon for the original revision within the period of one year from date of purchase. All patches are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KE-SM.	128.10	
28 23 00 00-0071	EA	ViconNet Software Maintenance For Kollector Pro Recorders Note: Includes all ViconNet software patches released by Vicon for the original revision within the period of one year from date of purchase. All patches are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KPR-SM.	114.61	
28 23 00 00-0072	EA	ViconNet Software Maintenance For Master Workstations Note: For ViconNet VN1000/5000 master workstations and software. Includes all ViconNet software patches released by Vicon for the original revision within the period of one year from date of purchase. All patches are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-1000-SM.	60.68	
28 23 00 00-0073	EA	ViconNet Software Maintenance For 16-Channel Viewer Note: For ViconNet VN500. Includes all ViconNet software patches released by Vicon for the original revision within the period of one year from date of purchase. All patches are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-500-SM.	33.70	
28 23 00 00-0074		**ViconNet Options** *(28 23 00 00-0006)*		
28 23 00 00-0075	EA	16-Bay Raid Storage Unit, 16-160 GB Hot Swappable Hard Drives Note: Used with Kollector Elite and Pro Recorders. Provides RAID 3 protection. Vicon model VN-RAID-16-160.	11,117.22	20.64
28 23 00 00-0076	EA	16-Bay Raid Storage Unit, 16-250 GB Hot Swappable Hard Drives Note: Used with Kollector Elite and Pro Recorders. Provides RAID 3 protection. Vicon model VN-RAID-16-250.	13,376.80	20.64
28 23 00 00-0077	EA	Network Switch, 8-Channel LAN Connections Note: 10/100 Autosensing ports. Vicon model NETSWITCH-8.	155.48	13.75
28 23 00 00-0078	EA	Network Switch, 16-Channel LAN Connections Note: 10/100 Autosensing ports. Vicon model NETSWITCH-16.	196.56	13.75
28 23 00 00-0079	EA	Network Switch, 24-Channel LAN Connections Note: 10/100/1000 Autosensing ports. Vicon model NETSWITCH-24.	764.12	13.75
28 23 00 00-0080	EA	Uninterruptible Power Supply, Desk-top, 725 VA/450W Note: USB control port, 120 VAC input/output. Vicon model V725-UPS.	169.17	13.75
28 23 00 00-0081	EA	8-Bay Raid Storage Unit, 8-250 GB Hot Swappable Hard Drives Note: Used with Kollector Elite and Pro Recorders. Provides RAID 3 protection, includes eight 250 GB hot swappable hard drives. Vicon model VN-RAID-8-250.	7,132.46	20.64
28 23 00 00-0082	EA	17" S-VGA Monitor Note: For use with Kollector Elite and Kollector Pro Recorders and VN-NVR Workstation. Vicon model VN-MON.	295.46	13.75
28 23 00 00-0083	EA	17" S-VGA TFT LCD Monitor Note: For use with Kollector Elite and Kollector Pro Recorders and VN-NVR Workstation. Vicon model VN-17FLT.	648.47	13.75
28 23 00 00-0084	EA	17" Flat Panel Monitor Note: Resolution up to 1280 x 1024 (depending on scan rate); VGA, BNC, or S-Video video input and output; accepts NTSC/PAL. Vicon model VN-617LCD.	826.50	13.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0085	EA	19" Flat Panel Monitor Note: Resolution up to 1280 x 1024 (depending on scan rate); VGA, BNC, or S-Video video input and output; accepts NTSC/PAL. Vicon model VN-619LCD.	973.49	13.75
28 23 00 00-0086	EA	PC-To-TV Converter, Self-Powered USB Interface Note: VGA in and VGA out connections, composite and S-video (NTSC) output. Vicon model VGEZ-1000.	148.17	13.75
28 23 00 00-0087		AurorACorD Digital Video Multiplexer And Recorder *(28 23 00 00-0006)*		
28 23 00 00-0088	EA	Digital Video Multiplexer And Recorder, 30 fps, 80 GB HDD Note: Auroracord, 16-Channel, color, duplex, includes floppy drive, and CD drive. Vicon model AURC-FCD80.	2,293.46	20.64
28 23 00 00-0089	EA	Digital Video Multiplexer And Recorder, 30 fps, 160 GB HDD Note: Auroracord, 16-Channel, color, duplex, includes floppy drive, and CD drive. Vicon model AURC-FCD160.	2,421.28	20.64
28 23 00 00-0090	EA	Digital Video Multiplexer And Recorder, 30 fps, 2-160 GB HDDs Note: Auroracord, 16-Channel, color, duplex, includes floppy drive, and CD drive. Vicon model AURC-CD320.	2,745.38	20.64
28 23 00 00-0091	EA	Digital Video Multiplexer And Recorder, 30 fps, 2-250 GB HDDs Note: Auroracord, 16-Channel, color, duplex, includes floppy drive, and CD drive. Vicon model AURC-CD500.	3,116.65	20.64
28 23 00 00-0092		AurorACorD Options *(28 23 00 00-0006)* Note: Also used for AurorA2000.		
28 23 00 00-0093	EA	Remote Keyboard Note: Provides control for up to 16 AurorA 2000 or AurorACorD units and 16 VCRs. Vicon model AUR2K-KBD.	541.96	13.75
28 23 00 00-0094		Digital Video Recorders *(28 23 00 00-0006)*		
28 23 00 00-0095	EA	4-Channel Digital Video Recorder, 120 GB Hard Drive, 30 fps Note: CD/RW, PTZ control, audio, network control and viewing software included. Vicon model VDR-204-12CD.	1,223.78	20.64
28 23 00 00-0096	EA	4-Channel Digital Video Recorder, 300 GB Hard Drive, 30 fps Note: CD/RW, PTZ control, audio, network control and viewing software included. Vicon model VDR-204-30CD.	1,433.76	20.64
28 23 00 00-0097	EA	8-Channel Digital Video Recorder, 300 GB Hard Drive, 30 fps Note: CD/RW, PTZ control, audio, network control and viewing software included. Vicon model VDR-204-30CD.	1,926.76	20.64
28 23 00 00-0098	EA	4-Channel Digital Video Recorder, 500 GB Hard Drive, 30 fps Note: CD/RW, PTZ control, audio, network control and viewing software included. Vicon model VDR-204-50CD.	1,940.45	20.64
28 23 00 00-0099		ViconNet Network Video Recorder Software Version 3.0 *(28 23 00 00-0006)*		
28 23 00 00-0100	EA	ViconNet NVR And Workstation Software Note: For use with ViconNet 3.0 digital recorders, video servers and ViconNet IP cameras. Single PC license. Vicon model VN1000V3	1,310.51	
28 23 00 00-0101	EA	ViconNet Multi-Pack, 10 User License Pack Of VN1000V3 NVR Note: Vicon model VN1000V3-10.	7,365.76	
28 23 00 00-0102	EA	ViconNet 16-Channel Viewer Software, Version 3 Note: Single PC license. Vicon model VN500V3.	574.67	
28 23 00 00-0103	EA	ViconNet 4-Channel Viewer Software, Version 3 Note: Single PC license. Vicon model VN500V3.	196.70	
28 23 00 00-0104	EA	ViconNet-Hirsch Integration Software Note: To use ViconNet on a Hirsch Velocity access control workstation. Vicon model VN-HIRSCH-INT.	3,734.42	
28 23 00 00-0105		Network Video Recorders Version 3.0 *(28 23 00 00-0006)*		
28 23 00 00-0106	EA	Network Video Recorder, 80 GB Internal HDD Storage Note: Preloaded ViconNet Version 3, view, record and configure ViconNet IP devices and recorders. Vicon model VN-NVR-80.	3,161.08	20.64
28 23 00 00-0107	EA	Network Video Recorder, 800 GB Internal HDD Storage Note: Preloaded ViconNet Version 3, view, record and configure ViconNet IP devices and recorders. Vicon model VN-NVR-800.	5,133.99	20.64
28 23 00 00-0108	EA	Network Video Recorder, 1200 GB Internal HDD Storage Note: Preloaded ViconNet Version 3, view, record and configure ViconNet IP devices and recorders. Vicon model VN-NVR-1200.	6,135.50	20.64
28 23 00 00-0109	EA	Network Video Recorder, 1600 GB Internal HDD Storage Note: Preloaded ViconNet Version 3, view, record and configure ViconNet IP devices and recorders. Vicon model VN-NVR-1600.	7,112.37	20.64
28 23 00 00-0110		ViconNet Version 3.0 Compatible Keypads For PTZ Control *(28 23 00 00-0006)*		
28 23 00 00-0111	EA	RS-252/RS-422 Interface Converter Note: Required to allow matrix keyboard to work with all PC workstations and Kollector Elites and Pros with older version hardware backpanels (with RJ-45 connectors). Vicon model V422-CONV.	230.48	20.64
28 23 00 00-0112	EA	Control Keypad, Small Profile Desk-Top Note: Provides variable-speed joystick for pan-and-tilt control and push buttons for lens functions only; requires converter to work with workstations and older Kollector Elites and Pros. Vicon model V1410X-DVC.	570.10	20.64
28 23 00 00-0113	EA	Control Keypad, Desk-Top Note: Provides variable-speed joystick for pan-and-tilt control and push buttons for lens functions only; requires converter to work with workstations and older Kollector Elites and Pros. Vicon model V1411X-DVC.	693.35	20.64
28 23 00 00-0114	EA	Control Keypad, Desk-Top Note: Provides three-function variable-speed joystick for pan-and-tilt control and push buttons for lens functions only; requires converter to work with workstations and older Kollector Elites and Pros. Vicon model V1411J-DVC.	816.60	20.64
28 23 00 00-0115		Cameras And Accessories *(28 23 00 00-0001)*		
28 23 00 00-0116		Camera Dome Systems And Cameras *(28 23 00 00-0115)*		
28 23 00 00-0117		SurveyorVFT 22X High Sensitivity IP Camera Dome Systems *(28 23 00 00-0116)*		
28 23 00 00-0118	EA	Indoor/In-Ceiling, Color Camera Dome Note: Vicon model SVFT-C22. Includes variable-speed drive, in-ceiling metal housing, 22X high-sensitivity high-resolution color camera/lens with ExView technology and smoked lower dome.	2,172.37	120.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0119	EA	Indoor/Pendant, Color Camera Dome Note: Vicon model SVFT-P22. Includes variable-speed drive; pendant upper housing, 22X high-sensitivity high-resolution color camera/lens with ExView technology and smoked lower dome.	2,299.58	127.92
28 23 00 00-0120	EA	Outdoor Camera Dome Note: Vicon model SVFT-W22. Includes variable-speed drive, environmental housing, 22X high-sensitivity high-resolution camera/lens with ExView technology and clear outer dome.	2,362.20	131.40
28 23 00 00-0121		**SurveyorVFT 23X Day/Night Camera Dome Systems** *(28 23 00 00-0116)*		
28 23 00 00-0122	EA	Indoor In-Ceiling Day/Night Camera Dome Note: Includes variable-speed drive, in-ceiling metal housing, 23X day/night camera/lens with wide dynamic range and smoked lower dome. Vicon model SVFT-C23.	2,362.51	131.40
28 23 00 00-0123	EA	Indoor Pendant Day/Night Camera Dome Note: Includes variable-speed drive, pendant upper housing, 23X day/night camera/lens with wide dynamic range and smoked lower dome. Vicon model SVFT-P23.	2,489.41	138.48
28 23 00 00-0124	EA	Outdoor Day/Night Camera Dome Note: Includes variable-speed drive, environmental housing, 23X high-resolution day/night camera/lens with wide dynamic range and clear outer dome. Vicon model SVFT-W23.	2,552.04	141.96
28 23 00 00-0125		**SurveyorVFT 35X Day/Night Camera Dome Systems** *(28 23 00 00-0116)* Note: Wide dynamic range and image stabilization camera dome systems.		
28 23 00 00-0126	EA	Outdoor Day/Night Camera Dome Note: Includes variable speed drive, environmental housing, 35X high-resolution day/night camera/lens with wide dynamic range and image stabilization and clear outer dome. Vicon model SVFT-W35.	2,916.03	163.65
28 23 00 00-0127		**SurveyorVFT 22X Cost Effective Camera Dome Systems** *(28 23 00 00-0116)*		
28 23 00 00-0128	EA	Indoor/In-Ceiling, Color Camera Dome Note: Vicon model SVFT-C22CA. Includes variable-speed drive, housing, 22X high-resolution color camera/lens and smoked lower dome.	1,548.06	86.12
28 23 00 00-0129	EA	Indoor/Pendant, Color Camera Dome Note: Vicon model SVFT-P22CA. Includes variable-speed drive, housing, 22X high-resolution color camera/lens and smoked lower dome.	1,595.02	88.73
28 23 00 00-0130	EA	Outdoor Variable-Speed Color Camera Dome Note: Vicon model SVFT-W22CA. Includes camera drive, environmental housing, 22X high-resolution color camera/lens and clear outer dome.	1,675.27	93.19
28 23 00 00-0131		**SurveyorVFT Indoor Lower Dome Options** *(28 23 00 00-0116)*		
28 23 00 00-0132	EA	Smoked Lower Dome, For SurveyorVFT Indoor Domes Note: Vicon model SVFT-SMK.	54.80	3.05
28 23 00 00-0133	EA	Chrome Lower Dome, For SurveyorVFT Indoor Domes Note: Vicon model SVFT-CHR.	119.38	6.65
28 23 00 00-0134	EA	Gold Lower Dome, For SurveyorVFT Indoor Domes Note: Vicon model SVFT-GLD.	182.01	10.13
28 23 00 00-0135		**SurveyorVFT Video Transmission Options** *(28 23 00 00-0116)*		
28 23 00 00-0136	EA	Fiber Optic Option, For SurveyorVFT Domes Note: Vicon "F" option. Add -F suffix to any Surveyor VFT dome model number and substitute -30 at the end of the product code. (ex: SVFT-C22 (8701-00) becomes SVFT-C22-F (8701-30)). Use with VF-1400 series fiber receivers only (found in Fiber optic section).	753.49	41.91
28 23 00 00-0137	EA	NVT Twisted Pair Option, For SurveyorVFT Domes Note: Vicon "T" option. Add -T suffix to any Surveyor VFT dome model number and substitute -40 at the end of the product code. (ex: SVFT-C22 (8701-00) becomes SVFT-C22-T (8701-40)).	31.32	1.75
28 23 00 00-0138	EA	ViconNet TCP/IP Option, For SurveyorVFT Domes Note: Vicon "V3" option. Add "V3" suffix to any SurveyorVFT dome model number and substitute -25 at the end of the product code. (ex: SVFT-C22 (8701-00) becomes SVFT-C22-V3 (8701-25)).	722.75	41.91
28 23 00 00-0139		**SurveyorVFT Hardware Options** *(28 23 00 00-0116)*		
28 23 00 00-0140	EA	Upgrade Kit, Converts Non-IP SurveyorVFT Domes To IP Version Note: Vicon model SVFT-IP-UPG.	880.69	48.99
28 23 00 00-0141		**SurveyorVFT Pressurized Camera Dome Systems And Accessories** *(28 23 00 00-0116)*		
28 23 00 00-0142	EA	Wall Mount For SurveyorVFT Pressurized Domes Note: Vicon model SVFT-PR-WMA.	156.57	8.71
28 23 00 00-0143	EA	Pipe Adapter Note: For mounting SurveyorVFT Pressurized Domes to 1-1/2" diameter pipe. Vicon model SVFT-PR-P.	93.94	5.23
28 23 00 00-0144	EA	Fiber Optic Option For SurveyorVFT Pressurized Domes Note: Add -F suffix to any Surveyor VFT Pressurized dome model number and substitute -30 at the end of the product code. (ex: SVFT-PRS23 (8769-00) becomes SVFT-PRS23-F (8769-30)). Use with VF-1400 series fiber receivers only (found in fiber optic section). Vicon model "F" Pressurized Option.	1,418.88	78.93
28 23 00 00-0145	EA	NVT Twisted Pair Option For SurveyorVFT Pressurized Domes Note: Add -T suffix to any Surveyor VFT Pressurized dome model number and substitute -40 at the end of the product code. (ex: SVFT-PRS23 (8769-00) becomes SVFT-PRS23-T (8769-40)). Vicon model "T" Pressurized Option.	31.32	1.75
28 23 00 00-0146	EA	VICONNET TCP/IP Option For SurveyorVFT Pressurized Domes Note: Add "V3-V" suffix to any SurveyorVFT pressurized dome model number and substitute -25 at the end of the product code. Vicon model "V3" Pressurized Option. (ex: SVFT-PRS23 (8769-00) becomes SVFT-PRS23-V3 (8769-25)).	1,031.08	57.37
28 23 00 00-0147	EA	Pressurized Camera Dome Note: Includes variable-speed camera drive, 22X high-resolution color camera with ExView technology and cast aluminum upper housing with clear lower dome. Vicon model SVFT-PRS22E.	3,064.18	183.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0148	EA	Pressurized Camera Dome, Day/Night, 23X High-Resolution Note: Includes variable-speed drive, 23X high-resolution day/night camera with wide dynamic range, cast aluminum upper housing and clear lower dome. Vicon model SVFT-PRS23.	3,238.21	189.65
28 23 00 00-0149	EA	Pressurized Camera Dome, Day/Night, 35X High-Resolution Note: Includes variable-speed drive, 35X high-resolution day/night camera with wide dynamic range and image stabilization, cast aluminum upper housing and clear lower dome. Vicon model SVFT-PRS35.	3,515.75	189.65
28 23 00 00-0150	EA	Pre-Wired Coaxial Cable Note: For use with Surveyor VFT pressurized dome Vicon model SVFT-PRC12.	215.46	
28 23 00 00-0151	EA	Pre-Wired Twisted Pair Cable Note: For use with Surveyor VFT pressurized dome Vicon model SVFT-PRC12T.	233.72	
28 23 00 00-0152		**SurveyorVFT Impact-Resistant Camera Domes And Accessories** *(28 23 00 00-0116)*		
28 23 00 00-0153	EA	Impact-Resistant Camera Dome, 22X High-Resolution Camera Lens Note: Includes variable-speed drive, aluminum upper housing, lower polycarbonate dome and 22X high-resolution color camera/lens. Vicon model SVFT-M22.	1,975.09	109.87
28 23 00 00-0154	EA	Impact-Resistant Camera Dome, 22X High-Resolution Camera Lens Note: Includes variable-speed drive, aluminum upper housing, lower polycarbonate dome and 22X high-sensitivity high-resolution color camera/lens with ExView technology. Vicon model SVFT-M22E.	2,503.94	164.94
28 23 00 00-0155	EA	Impact-Resistant Camera Dome, 23X High-Resolution Camera Lens Note: Includes variable-speed drive, aluminum upper housing, lower polycarbonate dome and 23X high-resolution day/night color camera with wide dynamic range. Vicon model SVFT-M23.	2,704.74	178.17
28 23 00 00-0156	EA	Impact-Resistant Camera Dome, 35X High-Resolution Camera Lens Note: Includes variable-speed drive, aluminum upper housing, lower polycarbonate dome and 35X high-resolution day/night color camera with wide dynamic range and image stabilization. Vicon model SVFT-M35.	3,081.58	202.99
28 23 00 00-0157		**SurveyorVFT Fixed Camera Domes, Color** *(28 23 00 00-0116)*		
28 23 00 00-0158	EA	Outdoor Fixed Camera Dome, 5-50 mm Varifocal Lens Note: Includes 1/3" ExView high-resolution color camera, 5-50 mm varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-W550A.	935.48	52.04
28 23 00 00-0159	EA	In-Ceiling Fixed Camera Dome, 3.3-12 mm Autoiris Varifocal Lens Note: Includes 1/3" ExView high-resolution color camera, 3.3-12mm autoiris varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-C3312.	554.16	30.81
28 23 00 00-0160	EA	Pendant Fixed Camera Dome, 3.3-12 mm Autoiris Varifocal Lens Note: Includes 1/3" ExView high-resolution color camera, 3.3-12mm autoiris varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-P3312.	601.13	33.42
28 23 00 00-0161	EA	Outdoor Fixed Camera Dome, 3.3-12 mm Autoiris Varifocal Lens Note: Includes 1/3" ExView high-resolution color camera, 3.3-12mm autoiris varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-W3312.	744.31	41.37
28 23 00 00-0162	EA	Outdoor Fixed Camera Dome, 3.3-1 mm Autoiris Varifocal Lens, D/N Note: Includes 1/4" ExView high-resolution color camera, 3.3-12mm autoiris varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-W3312DN.	839.59	46.70
28 23 00 00-0163		**SurveyorVFT Power Supplies For Camera Domes** *(28 23 00 00-0116)*		
28 23 00 00-0164	EA	Power Supply, 28 VAC Output, 2.5 Amps Note: For indoor SurveyorVFT camera domes. Vicon model S28PS-1.	27.39	1.53
28 23 00 00-0165	EA	Power Supply, 28 VAC Output, 4 Amps Note: For outdoor SurveyorVFT camera domes. Vicon model S28WPS-1.	39.14	2.18
28 23 00 00-0166	EA	Power Supply, 24 VAC Output, 2.5 Amps Note: For outdoor SurveyorVFT camera domes. Vicon model S24WPS-1.	30.74	1.53
28 23 00 00-0167	EA	Power Supply, Four-Channel, 120 VAC Input, 24/28 VAC Output Note: 7/6.25 amps (total). Vicon model V2448-175PS.	156.57	8.71
28 23 00 00-0168	EA	Power Supply, Eight-Channel, 120 VAC Input, 24/28 VAC Output Note: 12.5/10 amps (total). Vicon model V248-300PS.	203.54	11.32
28 23 00 00-0169	EA	Power Supply, Eight-Channel, 120 VAC Input, 24 VAC Output Note: 25 amps (total). Vicon model V248-600PS.	234.84	13.06
28 23 00 00-0170	EA	Power Supply, Sixteen-Channel, 120 VAC Input, 24/28 VAC Output Note: 25/20 amps (total). Vicon model V2416-300PS.	348.35	19.38
28 23 00 00-0171	EA	Power Supply, Heavy Duty Single-Channel Note: For use with SurveyorVFT pressurized and outdoor impact-resistant camera domes; 28 VAC output, 6.25 amps. Vicon model S28HD-PS.	74.36	4.14
28 23 00 00-0172		**SurveyorVFT Dome Mounting Options** *(28 23 00 00-0116)*		
28 23 00 00-0173	EA	Ceiling Panel Support, For SurveyorVFT Camera Dome Systems Note: Vicon model SVFT-UCP.	62.62	3.48
28 23 00 00-0174	EA	Wall Mount, Indoor/Outdoor, For SurveyorVFT Camera Dome Systems Note: Vicon model SVFT-UWM.	113.51	6.31
28 23 00 00-0175	EA	Wall Mount, Indoor/Outdoor, Short Note: For SurveyorVFT camera dome systems. Vicon model SVFT-WM.	76.33	4.25
28 23 00 00-0176	EA	Ceiling Mount, Indoor/Outdoor For SurveyorVFT Camera Dome System Note: Vicon model SVFT-UCM.	39.14	2.18
28 23 00 00-0177	EA	Goose Neck Parapet Mount For SurveyorVFT Camera Dome Systems Note: Vicon model SVFT-UPM-1.	252.47	14.04
28 23 00 00-0178	EA	Goose Neck Roof Mount For SurveyorVFT Camera Dome Systems Note: Vicon model SVFT-URM-1.	410.99	22.86
28 23 00 00-0179	EA	In-Ceiling Mount Kit For SurveyorVFT Camera Dome Systems Note: Vicon model SVFT-IC-KT.	39.14	2.18
28 23 00 00-0180		**Cost-Effective Impact-Resistant Camera Dome** *(28 23 00 00-0116)*		
28 23 00 00-0181	EA	Outdoor 3" Camera Dome, Color 3.3-12mm Varifocal Autoiris Lens Note: 550 HTVL, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-600W.	381.12	20.64
28 23 00 00-0182	EA	Outdoor 3" Camera Dome, Color 3.3-12mm Varifocal Autoiris Lens Note: Day/Night. 550 HTVL, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-600WDN.	434.07	20.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0183	EA	Outdoor 3" Camera Dome, IR Illuminated, Color 3.7mm Fixed Lens Note: 550 HTVL, day/night, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-600WIR.	409.42	20.64
28 23 00 00-0184	EA	Outdoor 3" Camera Dome, Color 3.3-12mm Varifocal Autoiris Lens Note: Wide dynamic range, color 3.3-12mm varifocal autoiris lens, 480 HTVL, day/night, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-610W.	471.50	20.64
28 23 00 00-0185		**Fixed Position Domes** *(28 23 00 00-0116)*		
28 23 00 00-0186	EA	3" Camera Dome, Color, 3.3-12mm Varifocal Autoiris Lens Note: 550 HTVL, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-600.	323.60	20.64
28 23 00 00-0187	EA	3" Camera Dome, Color, 3.3-12mm Varifocal Autoiris Lens Note: 480 HTVL, wide dynamic range, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-610.	445.94	20.64
28 23 00 00-0188	EA	Adapter Plate Note: To mount the VC-600/VC-610 into a 4" x 4" electrical box. Vicon model VC-610.	19.22	2.07
28 23 00 00-0189		**Roughneck V926 Impact Resistant Camera Domes** *(28 23 00 00-0116)*		
28 23 00 00-0190	EA	In-Ceiling Dome Camera, Outdoor, 2.8 mm Varifocal Autoiris Lens Note: Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 2.8 mm varifocal autoiris lens, heater and smoked lower dome. Vicon model V926FF-CA.	405.11	22.54
28 23 00 00-0191	EA	In-Ceiling Dome Camera, Outdoor, 3.36-12 Varifocal Autoiris Lens Note: Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 3.36-12mm varifocal autoiris lens, heater and smoked lower dome. Vicon model V926-W3312.	537.90	29.94
28 23 00 00-0192	EA	In-Ceiling Dome Camera, Outdoor, 3.3-12 Varifocal Autoiris Lens Note: Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 3.3-12mm varifocal autoiris lens, heater and smoked lower dome; UTP video transmission. Vicon model V926-W3312T.	561.38	31.24
28 23 00 00-0193	EA	In-Ceiling Dome Camera, 3.3-12mm Varifocal Autoiris Lens Note: Outdoor, includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 3.3-12mm varifocal autoiris lens, heater and smoked lower dome; UTP video transmission. Vicon model V926W3312DN.	611.85	29.94
28 23 00 00-0194		**Roughneck V910 Impact Resistant Camera Domes** *(28 23 00 00-0116)*		
28 23 00 00-0195	EA	Surface Mount Dome Camera, 2.8mm Varifocal Autoiris Lens Note: Outdoor. Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 2.8 mm varifocal autoiris lens, heater and smoked lower dome. Vicon model V910FF-CA.	405.11	22.54
28 23 00 00-0196	EA	Surface Mount Dome Camera, 3.3-12mm Varifocal Autoiris Lens Note: Outdoor. Includes 1/3-in. high-resolution color camera with ExView high-sensitivity CCD and 3.3-12 mm varifocal autoiris lens and heater; UTP video transmission, 24 VAC. Vicon model V910-W3312T.	561.38	31.24
28 23 00 00-0197	EA	Surface Mount Day/Night Outdoor Dome Camera Note: Includes 1/4" high-resolution color/monochrome camera and 3.3-12mm day/night varifocal autoiris lens and heater, 24 VAC. Vicon model V910-W3312DN.	632.75	35.17
28 23 00 00-0198	EA	Surface Mount Dome Camera, 3.3-12mm Varifocal Autoiris Lens Note: Outdoor. Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD and 3.3-12mm varifocal autoiris lens and heater, 24 VAC. Vicon model V910-W3312.	537.90	29.94
28 23 00 00-0199		**Roughneck V910 Mounting Options** *(28 23 00 00-0116)*		
28 23 00 00-0200	EA	Pendant Adapter, For Use With V910 Dome Series Note: Adapts V910 to work with SVFT-UWM, SVT-WM, and SVFT-UCM pendant mounts; indoor/outdoor. Vicon model V910-PH.	38.84	2.18
28 23 00 00-0201	EA	In-Ceiling Mounting Kit, For Use With V910 Dome Series Note: For drop ceiling installations. Vicon model V910-ICD.	146.78	8.16
28 23 00 00-0202	EA	In-Ceiling Mounting Kit, For Use With V910 Dome Series Note: For hard ceiling installations. Vicon model V910-ICH.	135.04	7.51
28 23 00 00-0203		**Roughneck V910 Fixed Impact Resistant IP Camera Dome** *(28 23 00 00-0116)*		
28 23 00 00-0204	EA	Surface Mount Indoor Dome Camera Note: UTP video transmission. Vicon model V910-3312T.	494.05	25.14
28 23 00 00-0205	EA	Fixed IP Outdoor Camera Dome, 3.3-12mm Autoiris Varifocal Lens Note: Transmits high-quality video across the network for remote viewing and recording. Compatible with ViconNet version 3.0 Network Video Recorders (NVRs) and workstations. Surface-mount; 1/3" ExView color camera and 3.3-12mm autoiris varifocal lens; heater. Vicon model V910-W3312V3.	1,251.93	69.68
28 23 00 00-0206	EA	Fixed IP Outdoor Camera Dome, 3.3-12mm Autoiris Varifocal Lens Note: Transmits high-quality video across the network for remote viewing and recording. Compatible with ViconNet version 3.0 Network Video Recorders (NVRs) and workstations. Surface-mount; 1/4" day/night camera and 3.3-12mm autoiris varifocal lens; heater. Vicon model V910-W3312DNV3.	1,346.78	74.90
28 23 00 00-0207	EA	Fixed IP Outdoor Camera Dome, 2.8mm Autoiris Varifocal Lens Note: Transmits high-quality video across the network for remote viewing and recording. Compatible with ViconNet version 3.0 Network Video Recorders (NVRs) and workstations. Surface-mount; 1/3" ExView color camera and 2.8mm autoiris fixed lens; heater. Vicon model V910-28V3.	1,118.28	62.27
28 23 00 00-0208		**Roughneck Corner Mount High Security Camera** *(28 23 00 00-0116)*		
28 23 00 00-0209	EA	Indoor, 1/3" High-Resolution Color Camera Note: With ExView CCD and isolated power input, 3.3-12mm autoiris varifocal lens, brushed stainless steel finish. Vicon model V894CSH-3312.	544.29	29.94
28 23 00 00-0210	EA	Indoor, 1/4" Day/Night High-Resolution Color Camera Note: With isolated power input, 3.3-12mm autoiris varifocal lens, brushed stainless steel finish. Vicon model V894CSH-3312DN.	632.75	35.17
28 23 00 00-0211		**Roughneck Wall Mount High Security Camera** *(28 23 00 00-0116)*		
28 23 00 00-0212	EA	Indoor, 1/3" High-Resolution Color Camera Note: With ExView CCD and isolated power input, 3.3-12mm autoiris varifocal lens, brushed stainless steel finish. Vicon model V894WSH-3312.	544.29	29.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0213	EA	Indoor, 1/4" Day/Night High-Resolution Camera Note: With isolated power input, 3.3-12mm autoiris varifocal lens, brushed stainless steel finish. Vicon model V894WSH-3312DN.	632.75	35.17
28 23 00 00-0214		**Environmental Housing Cameras** *(28 23 00 00-0116)*		
28 23 00 00-0215	EA	Outdoor, 1/3" Day/Night Color Camera Note: 3.3-12mm Autoiris varifocal lens, 550 TVL resolution, 12VDC/24VAC; IR illumination; metallic gray aluminum. Vicon model VC-620.	452.08	25.15
28 23 00 00-0216	EA	Outdoor, 1/3" Day/Night Color Camera Note: 5-50mm autoiris varifocal lens, 550 TVL resolution, 12VDC/24VAC; IR illumination; metallic gray aluminum. Vicon model VC-621.	920.43	25.15
28 23 00 00-0217		**Monochrome Cameras** *(28 23 00 00-0116)*		
28 23 00 00-0218	EA	1/3" Format, 24 VAC, 380 Lines Resolution Note: With linear shutter. Vicon model VC2153A-24.	135.04	7.51
28 23 00 00-0219	EA	1/3" Format, 24 VAC, 580 Lines High-Resolution Note: With linear shutter. Vicon model VC2430A-24.	189.84	10.56
28 23 00 00-0220		**Color Cameras** *(28 23 00 00-0116)*		
28 23 00 00-0221	EA	1/3" Format, 24 VAC, 330 TVL (0.2 lux) Note: Vicon model VC355-DSP.	189.84	10.56
28 23 00 00-0222	EA	1/3" Format, High-Resolution Color, 480 TVL (0.4 lux) Note: Vicon model VC365-DSP.	221.15	12.30
28 23 00 00-0223	EA	1/3" Format, High-Resolution Color, 480 TVL (0.4 lux), ExView Note: ExView Super HAD CCD. Vicon model VC465-DSP.	293.57	16.33
28 23 00 00-0224	EA	1/3" Format, DSP, 3.3-12mm Autoiris Varifocal Lens Note: 480 TVL (0.2 lux), 12VDC/24VAC. Vicon model VC-630.	310.00	16.33
28 23 00 00-0225		**Day/Night Cameras** *(28 23 00 00-0116)*		
28 23 00 00-0226	EA	Day/Night Camera, 1/3" Format Note: 24 VAC high-resolution color/monochrome operation; 480 TVL (day) and 580 TVL (night) horizontal resolution. Vicon model VC565DN.	400.37	28.20
28 23 00 00-0227	EA	Wide Dynamic Range Day/Night Camera Note: Color/Monochrome operation, C/CS mount, 480 HTVL, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC632.	457.89	28.20
28 23 00 00-0228		**Camera Power Supplies** *(28 23 00 00-0116)*		
28 23 00 00-0229	EA	Power Supply, Converts 120 VAC To 24 VAC Note: Vicon model VC24PS-1.	13.70	0.76
28 23 00 00-0230	EA	Power Supply, For Roughneck Corner And Wall Mount Cameras Note: Converts 120 VAC to 12 VDC, 0.5 amps. Vicon model V894PS-12.	31.32	1.75
28 23 00 00-0231	EA	Power Supply, 8-Channel, Converts 120 VAC To 24 VAC Note: 0.4 Amps/channel; used for fixed cameras with isolation. Vicon model V248-3.5PS.	166.35	9.26
28 23 00 00-0232	EA	Power Supply, 16-Channel, Converts 120 VAC To 24 VAC Note: 0.5 Amps/channel; used for fixed cameras with isolation. Vicon model V2416-8PS.	309.22	17.20
28 23 00 00-0233		**Pan And Tilt Devices** *(28 23 00 00-0115)*		
28 23 00 00-0234		**Pan-And-Tilt Drives** *(28 23 00 00-0233)*		
28 23 00 00-0235	EA	7.5 LB Load, Indoor, With Integral Wall Mount Note: Vicon model V3030APT.	268.12	14.92
28 23 00 00-0236	EA	7.5 LB Load, Indoor, With Square Base Note: For mounting on horizontal surfaces. Vicon model V3030APT-SB.	268.12	14.92
28 23 00 00-0237	EA	10 LB Load, Outdoor Note: Vicon model V3400APT-1.	553.85	30.81
28 23 00 00-0238	EA	35 LB Load, Outdoor Note: Vicon model VIST35.	743.70	41.37
28 23 00 00-0239	EA	35 LB Load, Outdoor, With Autopan Note: Vicon model VIST35-AP.	790.67	43.98
28 23 00 00-0240	EA	35 LB Load, Outdoor, With Preset Operation Note: Vicon model VIST35-P.	949.19	52.81
28 23 00 00-0241	EA	25 LB Load, Outdoor, Variable Speed With Preset Operation Note: Vicon model VIST-VP.	1,029.42	57.26
28 23 00 00-0242	EA	25 LB Load, Outdoor, Variable Speed With Continuous Rotation Note: Also with preset operation. Vicon model VIST25-VRP.	1,426.72	79.37
28 23 00 00-0243	EA	80 LB Load, Outdoor Note: Vicon model V390APT.	1,581.32	87.96
28 23 00 00-0244	EA	80 LB Load, Outdoor, With Preset Operation Note: Vicon model V390APT-PP.	1,888.58	105.06
28 23 00 00-0245	EA	80 LB Load, Explosion Proof Note: Meets IEC class IIC rating requirements (minimum 25 pieces order required). Vicon model V380PTX-S-VPP.	4,751.80	264.34
28 23 00 00-0246		**Pan-And-Tilt Options** *(28 23 00 00-0233)*		
28 23 00 00-0247	EA	Square Base Option For 10 LB Load Outdoor Pan And Tilt Device Note: Vicon model V3400SB.	39.14	2.18
28 23 00 00-0248		**Camera Housings** *(28 23 00 00-0115)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0249		Indoor Camera Housings *(28 23 00 00-0248)*		
28 23 00 00-0250	EA	6.4" W x 12.6" L In-Ceiling, All-Plastic Construction Note: Vicon model V8612H. Tamperproof.	86.11	4.79
28 23 00 00-0251		Indoor/Outdoor Camera Housings *(28 23 00 00-0248)*		
28 23 00 00-0252	EA	Small, 2-Piece Hinged Aluminum Note: Vicon model V9312H.	78.28	4.36
28 23 00 00-0253	EA	Small, 2-Piece Hinged Aluminum, Sunshield Note: Vicon model V9312H-HS-24. Includes 24 VAC heater.	154.61	8.60
28 23 00 00-0254	EA	Small, 1-Piece, Extruded Aluminum With Plastic End Caps Note: Vicon model V4.5H-12-1.	91.99	5.12
28 23 00 00-0255	EA	Medium, 1-Piece, Extruded Aluminum With Plastic End Caps Note: Vicon model V4.5H-15-1.	93.94	5.23
28 23 00 00-0256	EA	Medium, 2-Piece, Hinged Aluminum With Sunshield Note: Vicon model V9315HC-HS. Includes 24 VAC transformer, and 120 VAC heater.	172.22	9.58
28 23 00 00-0257	EA	Medium, 2-Piece, Hinged Aluminum With Sunshield Note: Vicon model V9315H-HS-24. Includes 24 VAC heater.	168.32	9.37
28 23 00 00-0258	EA	Medium, 2-Piece, Hinged Extruded Aluminum With Sunshield Note: Vicon model V9317H-SHB-24. Includes 24VAC blower/heater.	215.29	11.98
28 23 00 00-0259		Indoor/Outdoor Camera Housings With Wiper *(28 23 00 00-0248)*		
28 23 00 00-0260	EA	Medium, 2-Piece, Hinged Aluminum Note: Vicon model V9315H-WH-24. Includes 24 VAC heater and wiper.	213.32	11.87
28 23 00 00-0261		Special Purpose Housings *(28 23 00 00-0248)*		
28 23 00 00-0262	EA	Explosion-Proof, Tubular Aluminum Note: Vicon model V8540H-SP.	949.19	52.81
28 23 00 00-0263	EA	Maximum Security, 10-Gauge Steel, Wall Or Ceiling Mount Note: Vicon model V894MSH.	395.32	22.00
28 23 00 00-0264	EA	Maximum Security, Outdoor, 10-Gauge Steel, Wall Or Ceiling Mount Note: Vicon model V896MSH.	426.64	23.73
28 23 00 00-0265	EA	Maximum Security, 10-Gauge Steel, Corner Mount Note: Vicon model V898MSH.	426.64	23.73
28 23 00 00-0266		Indoor Housing Accessories *(28 23 00 00-0248)*		
28 23 00 00-0267	EA	2' x 2' Adjustable Ceiling Panel, Aluminum Construction Note: 360° rotation. Vicon model V8612H-ACP. For Vicon model V8612H.	113.51	6.31
28 23 00 00-0268		Lenses *(28 23 00 00-0115)*		
28 23 00 00-0269		1/3" Varifocal Lenses *(28 23 00 00-0268)*		
28 23 00 00-0270	EA	Varifocal, 2.8-6 mm, F/1.4, Adjustable Iris Note: Vicon model V2.8-6VFI.	82.20	4.57
28 23 00 00-0271	EA	Varifocal, 3.5-8 mm, F/1.4, Adjustable Iris Note: Vicon model V3.5-8VFI-2.	72.41	4.03
28 23 00 00-0272	EA	Varifocal, 2.8-12 mm, F/1.2, Adjustable Iris Note: Vicon model V2.8-12VFI.	82.20	4.57
28 23 00 00-0273	EA	Varifocal, 5-50 mm, F/1.3, Adjustable Iris Note: Vicon model V5-50VFI.	174.18	9.69
28 23 00 00-0274		1/3" Autoiris Lenses, DC-Type *(28 23 00 00-0268)*		
28 23 00 00-0275	EA	Wide Angle, 4 mm, F/1.2 Note: Vicon model V4.0-1.2CS-G-3.	93.94	5.23
28 23 00 00-0276		1/3" Varifocal Autoiris Lenses, DC-Type *(28 23 00 00-0268)*		
28 23 00 00-0277	EA	Varifocal, 3.5-8 mm, F/1.4, Autoiris Note: Vicon model V3.5-8VF-CS-G-4.	93.94	5.23
28 23 00 00-0278	EA	Varifocal, 2.8-12 mm, F/1.2, Autoiris Note: Vicon model V2.8-12VF-CS-G.	113.51	6.31
28 23 00 00-0279	EA	Varifocal, 5-50 mm, f/1.3, Autoiris Note: Vicon model V5-50VF-CS-G.	213.32	11.87
28 23 00 00-0280	EA	Varifocal, 2.7-8 mm, F/1.0, Autoiris Note: Vicon model V2.7-8VF-CS-G.	114.60	6.97
28 23 00 00-0281		Motorized Zoom Lenses With Spot Filter And Autoiris *(28 23 00 00-0268)*		
28 23 00 00-0282	EA	1/3" Format, 10x Zoom Range, F/1.2, CS Mount, High-Speed Note: Vicon model V6-60AC-HS-1.	649.75	36.14
28 23 00 00-0283	EA	1/2" Format, 10x Zoom Range, F/1.4, C Mount, High-Speed Note: Vicon model V8-80AC-HS-1.	632.14	35.17
28 23 00 00-0284		Mounting Equipment *(28 23 00 00-0115)*		
28 23 00 00-0285		Wall Mounts With Adjustable Heads *(28 23 00 00-0284)*		
28 23 00 00-0286	EA	Wall Mount, 7.5 LB Load, Molded Plastic, 9" Long Note: Mounts to junction box. Vicon model V1100AWM.	33.27	1.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0287	EA	Wall Mount, 20 LB Load, Aluminum, 10" Long Note: Vicon model V110AWM.	27.39	1.53
28 23 00 00-0288	EA	Wall Mount, 20 LB Load, Cast Aluminum, 11.6" Long Note: Vicon model V814AWM.	27.39	1.53
28 23 00 00-0289		**Fixed Wall Mounts** *(28 23 00 00-0284)*		
28 23 00 00-0290	EA	Wall Mount 40 LB Load, Aluminum, 16" Long Note: Vicon model V1600WM.	62.62	3.48
28 23 00 00-0291	EA	Wall Mount 200 LB Load, Steel, 24" Long Note: Vicon model V24WM.	72.41	4.03
28 23 00 00-0292	EA	Wall Mount 200 LB Load, Stainless Steel, 24" Long Note: Vicon model V24WM-SS.	236.81	13.17
28 23 00 00-0293		**Adjustable Heads** *(28 23 00 00-0284)*		
28 23 00 00-0294	EA	Adjustable Head, Medium-Duty, 60 LB Capacity Note: Vicon model V1600AH.	25.44	1.42
28 23 00 00-0295	EA	Adjustable Head, Medium To Heavy-Duty, 100 LB Capacity Note: Vicon model V2400AH.	80.25	4.47
28 23 00 00-0296		**Accessories For Wall Mounts** *(28 23 00 00-0284)*		
28 23 00 00-0297	EA	Outside Corner Mount Bracket Note: Vicon model V24CMB. For V24WM and surveyor series wall mounts.	64.58	3.59
28 23 00 00-0298		**Ceiling Mounts** *(28 23 00 00-0284)*		
28 23 00 00-0299	EA	Ceiling Mount, 7.5 LB Load, Molded Plastic, 6" Long Note: Vicon model V800ACM.	27.39	1.53
28 23 00 00-0300	EA	Ceiling Mount, 20 LB Load, Aluminum, 9" Long Note: Vicon model V8ACM.	33.27	1.85
28 23 00 00-0301	EA	Ceiling Mount, 20 LB Load, Steel, Chrome Plated, 11" Long Note: Vicon model V10UM.	48.92	2.72
28 23 00 00-0302		**Pole And Parapet Mounts** *(28 23 00 00-0284)*		
28 23 00 00-0303	EA	Pole Mount For 3"-4" Diameter Poles, Medium Duty Note: Vicon model V22PA. Use with V1600WM and V2000WM wall mounts.	119.38	6.65
28 23 00 00-0304	EA	Pole Mount Adapter For 4"-10" Diameter Poles Note: Vicon model V20B. Painted Aluminum construction, no mounting straps.	109.49	6.14
28 23 00 00-0305	EA	Pole Mount Adapter For 4"-10" Diameter Poles Note: Vicon model V20B-A. Painted Aluminum construction, includes mounting straps.	150.69	8.45
28 23 00 00-0306		**Multiplexers And Quads** *(28 23 00 00-0001)*		
28 23 00 00-0307		**Aurora A2000 Color Video Multiplexers With PTZ Control** *(28 23 00 00-0306)*		
28 23 00 00-0308	EA	16-Channel Color Simplex Multiplexer, 30 Images Per Second Note: Live view refresh. Vicon model AUR2K-SC3.	1,310.51	20.64
28 23 00 00-0309	EA	16-Channel Color Duplex Multiplexer, 30 Images Per Second Note: Live view refresh. Vicon model AUR2K-DC3.	1,742.65	20.64
28 23 00 00-0310	EA	16-Channel Color Duplex Multiplexer, 60 Images Per Second Note: Live view refresh. Vicon model AUR2K-DC6.	1,926.76	20.64
28 23 00 00-0311		**Aurora A2000 Color Video Multiplexers With Looping Cables** *(28 23 00 00-0306)* Note: With PTZ control.		
28 23 00 00-0312	EA	16-Channel Color Simplex Multiplexer, 30 Images Per Second Note: Live view refresh. Includes looping cables. Vicon model AUR2K-SC3C.	1,347.03	20.64
28 23 00 00-0313	EA	16-Channel Color Duplex Multiplexer, 30 Images Per Second Note: Live view refresh. Includes looping cables. Vicon model AUR2K-DC3C.	1,779.16	20.64
28 23 00 00-0314	EA	16-Channel Color Duplex Multiplexer, 60 Images Per Second Note: Live view refresh. Includes looping cables. Vicon model AUR2K-DC6C.	1,964.80	20.64
28 23 00 00-0315		**GENESYS Quad Splitter** *(28 23 00 00-0306)*		
28 23 00 00-0316	EA	Real-Time Color Quad Splitter Note: Displays four cameras on one monitor. Full-featured with alarms, titling, freeze, full-screen sequential switching and on-screen programming. Vicon model V4400QS-1.	569.49	20.64
28 23 00 00-0317		**Monitors And Time Lapse Recorders** *(28 23 00 00-0001)*		
28 23 00 00-0318		**Monochrome Monitors** *(28 23 00 00-0317)*		
28 23 00 00-0319	EA	9" Screen, High Resolution, 1000 TV Lines Note: Vicon model VM5094.	188.96	13.76
28 23 00 00-0320	EA	12" Screen, High Resolution, 1000 TV Lines Note: Vicon model VM5124.	202.66	13.76
28 23 00 00-0321	EA	15" Screen, High Resolution, 1000 TV Lines Note: Vicon model VM5124.	275.69	13.76
28 23 00 00-0322		**Color Monitors** *(28 23 00 00-0317)*		
28 23 00 00-0323	EA	9" Screen 280 Lines Resolution Note: Vicon model VM6093.	546.53	13.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0324	EA	14" Screen 400 Lines Resolution, NTSC/PAL Note: Vicon model VM614-3.	362.41	13.75
28 23 00 00-0325	EA	15" Screen 650 TV Lines High Resolution, NTSC/PAL Note: Vicon model VM615-5.	510.01	13.75
28 23 00 00-0326	EA	21" Screen 450 TV Lines High Resolution, Accepts NTSC/PAL Note: Vicon model VM621-5.	444.58	13.75
28 23 00 00-0327	EA	17" Flat Panel LCD Monitor Note: Resolution up to 1280 x 1024 (depending on scan rate); VGA, BNC, or S-Video video input and output; accepts NTSC/PAL. Vicon model VM-617LCD.	826.50	13.75
28 23 00 00-0328	EA	19" Flat Panel LCD Monitor Note: Resolution up to 1280x1024@60/75Hz depending on scan rate. VGA, BNC, or S-Video video input and output; accepts NTSC/PAL. Vicon model VM-619LCD.	973.49	13.75
28 23 00 00-0329		**Monitor Mounting Accessories** *(28 23 00 00-0317)*		
28 23 00 00-0330	EA	Monitor Mount, For VM621-5 Monitor Note: May be mounted to ceiling with V1502CA ceiling mount or to a wall with V1501WM wall mount. Vicon model VM615-5-MM.	348.35	19.38
28 23 00 00-0331	EA	Monitor Mount, For VM614-3 And VM615-5 Monitors Note: May be mounted to ceiling with V1502CA ceiling mount or to a wall with V1501WM wall mount. Vicon model VM61514-5-MM.	347.75	19.38
28 23 00 00-0332	EA	Wall Mount For V161514-5-MM And V1621-5-MM Monitor Mounts Note: Vicon model V1501WM.	103.42	5.77
28 23 00 00-0333	EA	Ceiling Mount For V161514-5-MM And V1621-5-MM Monitor Mounts Note: Vicon model V1502CA.	66.85	3.70
28 23 00 00-0334	EA	Rack Kit For Use With VM-617LCD Monitor Note: Vicon model VM-617LCD-RK.	9.41	3.70
28 23 00 00-0335	EA	Rack Kit For Use With VM-619LCD Monitor Note: Vicon model VM-619LCD-RK.	9.41	3.70
28 23 00 00-0336		**Monitor Racking Kits** *(28 23 00 00-0317)*		
28 23 00 00-0337	EA	Dual Rack-Mounting Kit For Two VM6093 Monitors Note: Vicon model VM6092RK.	78.28	4.36
28 23 00 00-0338	EA	Single Rack-Mounting Kit For VM615-5 Monitor Note: Vicon model VM615-5-RK.	97.86	5.44
28 23 00 00-0339		**Time-Lapse Video Cassette Recorders** *(28 23 00 00-0317)*		
28 23 00 00-0340	EA	Video Cassette Recorder 480 Hour Time-Lapse Note: Vicon model VCR480TL.	418.72	13.76
28 23 00 00-0341		**Video Recorder Rack Mount Kit** *(28 23 00 00-0317)*		
28 23 00 00-0342	EA	Rack Kit For Mounting VCR480TL Note: Vicon model VCR-RK-1.	77.68	4.36
28 23 00 00-0343		**Video Signal Equipment** *(28 23 00 00-0001)*		
28 23 00 00-0344		**Amplifiers** *(28 23 00 00-0343)*		
28 23 00 00-0345	EA	Distribution Amplifier, One Input, Six Outputs, Phase 8 Note: Vicon model V210DA.	192.14	20.64
28 23 00 00-0346	EA	Distribution Amplifier, One Input, Six Outputs, Desk-Top Note: Vicon model V210DA-B.	192.14	20.64
28 23 00 00-0347	EA	Video Distribution Amplifier, Rack Mount Note: 8 Input x 2 output or 2 input or 8 output configurations. Vicon model VDA8-16.	219.52	20.64
28 23 00 00-0348		**Phase Eight Racking Systems** *(28 23 00 00-0343)*		
28 23 00 00-0349	EA	Rack Accepts Any Combination Of Phase 8 Modules Note: Totaling eight single-width units. Vicon model VP8RK.	56.76	3.15
28 23 00 00-0350	EA	Closure Panel, Single Width Closure Panel For VP8RK Note: Vicon model VP8-CP-1.	9.79	0.54
28 23 00 00-0351	EA	Closure Panel, Double Width Closure Panel For VP8RK Note: Vicon model VP8-CP-2.	15.65	0.87
28 23 00 00-0352		**Ground Loop Corrector** *(28 23 00 00-0343)*		
28 23 00 00-0353	EA	Passive Ground Loop Correction Transformer Note: Single channel, for Vicoax. Vicon model V235GLTA.	109.60	6.09
28 23 00 00-0354		**Twisted Pair Video Transmission** *(28 23 00 00-0343)*		
28 23 00 00-0355	EA	Video Transceiver, Transmits Or Receives Video And Vicoax Data Note: Transmits or receives video and Vicoax data up to 500' over twisted-pair wire (can be used as receiver for UTP camera domes). Vicon model V212-NVT.	84.15	4.68
28 23 00 00-0356	EA	Video Transceiver, Transmits Or Receives Video And Vicoax Data Note: Transmits or receives video and Vicoax data up to 1000' over twisted-pair wire (can be used as receiver for UTP camera domes). Vicon model V213-NVT.	125.25	6.97
28 23 00 00-0357	EA	Video Receiver, Receives Video From V213-NVT Transmitter Note: Up to 3000' over twisted-pair wire (can be used as receiver for UTP camera domes). Vicon model V652R-NVT.	315.09	17.53
28 23 00 00-0358		**Surge Protectors** *(28 23 00 00-0343)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0359	EA	Surge Protector Note: Protects video equipment from induced power surges in video lines. Vicon model V15LPG.	41.10	2.29
28 23 00 00-0360		Fiber Optic Transmission Equipment *(28 23 00 00-0001)*		
28 23 00 00-0361		Single Channel Video Transmission *(28 23 00 00-0360)*		
28 23 00 00-0362	EA	Video Transmitter, 13 dB Note: Vicon model V700T.	192.58	10.71
28 23 00 00-0363	EA	Video Transmitter, 13 dB, Rack Mount Note: Vicon model V700T-R.	212.54	11.83
28 23 00 00-0364	EA	Video Receiver, 13 dB Note: Vicon model V700R.	233.67	13.00
28 23 00 00-0365	EA	Video Receiver, 13 dB, Rack Mount Note: Vicon model V700R-R.	233.67	13.00
28 23 00 00-0366	EA	Video Receiver, 2-Channel, 2-Fibers, 13 dB, Rack Mount Note: Vicon model V702R-R.	423.91	23.58
28 23 00 00-0367	EA	Video Transmitter, 13 dB Note: Vicon model V701T.	236.02	13.13
28 23 00 00-0368	EA	Video Transmitter, 13 dB, Rack Mount Note: Vicon model V701T-R.	236.02	13.13
28 23 00 00-0369	EA	Video Receiver, 13 dB Note: Vicon model V701R.	284.18	15.81
28 23 00 00-0370	EA	Video Receiver, 13 dB, Rack Mount Note: Vicon model V701R-R.	284.18	15.81
28 23 00 00-0371		Multi-channel Video Transmission *(28 23 00 00-0360)*		
28 23 00 00-0372	EA	Video Transmitter, 4-Channel Note: Vicon model V707T.	1,074.44	59.77
28 23 00 00-0373	EA	Video Transmitter, 4-Channel, Rack Mount Note: Vicon model V707T-R.	1,074.44	59.77
28 23 00 00-0374	EA	Video Receiver, 4-Channel Note: Vicon model V707R.	1,074.44	59.77
28 23 00 00-0375	EA	Video Receiver, 4-Channel, Rack Mount Note: Vicon model V707R-R.	1,074.44	59.77
28 23 00 00-0376	EA	Video Transmitter, 2-Channel Note: Vicon model V703T.	577.73	32.14
28 23 00 00-0377	EA	Video Transmitter, 2-Channel, Rack Mount Note: Vicon model V703T-R.	577.73	32.14
28 23 00 00-0378	EA	Video Receiver, 2-Channel Note: Vicon model V703R.	577.73	32.14
28 23 00 00-0379	EA	Video Receiver, 2-Channel, Rack Mount Note: Vicon model V703R-R.	577.73	32.14
28 23 00 00-0380		Bidirectional Video For Vicoax *(28 23 00 00-0360)*		
28 23 00 00-0381	EA	Bidirectional Fiber-Optic Transmitter, For Vicoax Note: Vicon model V739T.	740.95	41.22
28 23 00 00-0382	EA	Bidirectional Fiber-Optic Transmitter, For Vicoax, Rack Mount Note: Vicon model V739T-R.	740.95	41.22
28 23 00 00-0383	EA	Bidirectional Fiber-Optic Receiver, For Vicoax Note: Vicon model V739R.	740.95	41.22
28 23 00 00-0384	EA	Bidirectional Fiber-Optic Receiver, For Vicoax, Rack Mount Note: Vicon model V739R-R.	740.95	41.22
28 23 00 00-0385		Video And Data Transmission *(28 23 00 00-0360)*		
28 23 00 00-0386	EA	Video/Data Transmitter, Single Fiber, Duplex RS-422 Note: Simplex Video, For NOVA Systems. Vicon model V732T.	750.17	41.69
28 23 00 00-0387	EA	Video/Data Receiver, Single Fiber, Duplex RS-422 Note: Simplex Video, For NOVA Systems. Vicon model V732R.	750.17	41.69
28 23 00 00-0388	EA	Video/Data Receiver, Single Fiber, Duplex RS-422, Rack Mount Note: Simplex Video, For NOVA Systems. Vicon model V732R-R.	750.17	41.69
28 23 00 00-0389		Racking Equipment And Power Supplies *(28 23 00 00-0360)*		
28 23 00 00-0390	EA	Special 19" Rack Panel Note: Houses 3 V-VH439 4-channel UTP transmitters. Vicon model V-RK439.	170.80	8.68
28 23 00 00-0391	EA	Special 19" Rack Panel Assemblies Note: Includes 3 V-VH439 4-channel UTP transmitters. Vicon model V-VRK439X3.	2,006.02	102.08
28 23 00 00-0392	EA	Winsted 35" Vertical Rack Note: Vicon model VW-RACK-PKG5.	1,404.22	71.46
28 23 00 00-0393	EA	15-Channel Rack, With 6 Amp Power Supply Note: Vicon model V515R-PS.	949.20	44.21
28 23 00 00-0394	EA	17-Channel Rack, Use With V517E-PS Note: Vicon model V517R-PS.	375.86	17.51
28 23 00 00-0395	EA	Blank Filler Panel, For Rack, 1" Wide Note: Vicon model VOP-CP1.	26.93	1.25
28 23 00 00-0396	EA	High-Output Power Supply, 19" Rack Mount Note: Powers two V517R-PS racks. Vicon model V517E-PS.	959.30	44.68
28 23 00 00-0397	EA	Power Supply, 120 VAC To 12 VDC Note: Vicon model VOPPS-120DC.	38.15	1.78
28 23 00 00-0398	EA	Power Supply, 120 VAC To 12 VDC, High Output Note: Vicon model VOPPS-120HDC.	68.44	3.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0399		**SurveyorVFT Fiber Receivers And Racking** *(28 23 00 00-0360)*		
28 23 00 00-0400	EA	Video/Data Receiver, Single Fiber, Duplex RS-422, Simplex Video Note: For use with SurveyorVFT fiber domes only. Vicon model VF-1400R.	748.55	41.29
28 23 00 00-0401	EA	Video/Data Receiver Rack Mount, Single Fiber, Duplex RS-422 Note: Simplex video. For use with SurveyorVFT fiber domes only. Vicon model VF-1400R.	748.55	41.29
28 23 00 00-0402	EA	Rack, 14 Slots, With 100 W Power Supply Note: For use with VF-1400 series receivers. Blank panels are VF-BPS-1. Vicon model VF-1400R.	1,010.82	56.24
28 23 00 00-0403	EA	Blank Panel, For Use With VF-SR20/2 Rack Note: Vicon model VF-BPS-1.	21.13	1.17
28 23 00 00-0404		**Hubs And Terminators** *(28 23 00 00-0360)*		
28 23 00 00-0405	EA	75-OHM Terminator For Unused Video Looping BNCs Note: Vicon model V75T.	3.91	0.22
28 23 00 00-0406	EA	Special 4-Port Video Mini-Hub, 3000' Maximum Distance Note: 4-Channel UTP transmitter. Vicon model V-VH439.	596.07	30.33
28 23 00 00-0407		**System Controls And Matrix Systems** *(28 23 00 00-0001)*		
28 23 00 00-0408		**NOVA V1422 UTP Or Coaxial 32 x 8 Matrix System** *(28 23 00 00-0407)*		
28 23 00 00-0409	EA	Advanced Digital Control And Matrix Switcher Note: 32 Camera inputs, 8 monitor outputs. Full camera station control and matrix switching. NOVA and Vicoax compatible. Includes V1400VGC Windows-based configuration software. Vicon model V1422.	2,777.33	20.64
28 23 00 00-0410		**NOVA V1344 Matrix Prepacs** *(28 23 00 00-0407)* Note: Programmable systems with internal CPU.		
28 23 00 00-0411	EA	Controls 8 Cameras And 8 Monitors Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V8X8-ICPS.	2,956.28	34.06
28 23 00 00-0412	EA	Controls 16 Cameras And 8 Monitors Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V16X8-ICPS.	3,305.92	35.10
28 23 00 00-0413	EA	Controls 24 Cameras And 8 Monitors Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V24X8-ICPS.	3,859.46	36.13
28 23 00 00-0414	EA	Controls 32 Cameras And 8 Monitors Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V32X8-ICPS.	4,005.20	37.17
28 23 00 00-0415	EA	Controls 40 Cameras And 8 Monitors Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V40X8-ICPS.	4,354.84	38.20
28 23 00 00-0416	EA	Controls 48 Cameras And 8 Monitors Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V48X8-ICPS.	4,587.31	39.22
28 23 00 00-0417	EA	Controls 56 Cameras And 8 Monitors Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V56X8-ICPS.	4,825.88	40.26
28 23 00 00-0418	EA	Controls 64 Cameras And 8 Monitors Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V64X8-ICPS.	5,131.39	41.29
28 23 00 00-0419	EA	Controls 72 Cameras And 8 Monitors Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V72X8-ICPS.	5,269.53	42.33
28 23 00 00-0420	EA	Controls 80 Cameras And 8 Monitors Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V80X8-ICPS.	5,584.17	43.36
28 23 00 00-0421	EA	Controls 88 Cameras And 8 Monitors Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V88X8-ICPS.	5,964.24	44.38
28 23 00 00-0422	EA	Controls 96 Cameras And 8 Monitors Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V96X8-ICPS.	6,222.59	45.42
28 23 00 00-0423	EA	Controls 104 Cameras And 8 Monitors Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V104X8-ICPS.	6,646.78	46.45
28 23 00 00-0424	EA	Controls 112 Cameras And 8 Monitors Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V112X8-ICPS.	6,886.87	47.49
28 23 00 00-0425	EA	Controls 120 Cameras And 8 Monitors Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V120X8-ICPS.	7,128.49	48.52
28 23 00 00-0426	EA	Controls 128 Cameras And 8 Monitors Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V128X8-ICPS.	7,370.09	49.55
28 23 00 00-0427		**NOVA V1344 Internal CPU And Titler** *(28 23 00 00-0407)*		
28 23 00 00-0428	EA	Internal CPU For Matrix Switcher Card Cage Note: Controls video switcher, pan-and-tilt, lens and auxiliary functions. Controls matrix switching for up to 128 cameras and 24 monitors. Vicon model V1344SCPU-HDA.	992.36	13.75
28 23 00 00-0429	EA	Time/Date/Titler Card Note: Provides three lines for titling and one line for time and date. Used with V1344 CPU system only. Vicon model V1344STDT-HD.	339.59	13.75
28 23 00 00-0430	EA	Programming Keyboard For V1344SCPU, V1466SCPU-A And V1500 CPUs Note: Vicon model V1300X-PKA.	149.39	13.75

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0431		MATRIX 44 High Density Switcher Components *(28 23 00 00-0407)*		
28 23 00 00-0432	EA	Card Cage 128 Inputs x 8 Outputs Note: Contains power supply, video output amplifier, and motherboard for up to 16 V4410S-HD video switching cards. Vicon model V4481SCC-HD.	1,441.37	20.64
28 23 00 00-0433	EA	Video Switch Card Note: Switching and decoding circuitry for eight camera inputs. Connector panel V4411RP-BNC or V4411RP-RIB ordered separately. Vicon model V4410S-HD.	277.91	15.46
28 23 00 00-0434	EA	Rear Connector Panel, 1 Ribbon Cable Connector Note: 8 BNC connectors. Use with V4410S-HD. Vicon model V4411RP-BNC.	82.20	4.57
28 23 00 00-0435	EA	Rear Connector Panel, 2 Ribbon Cable Connectors Note: Use with V4410S-HD. Vicon model V4411RP-RIB.	68.50	3.81
28 23 00 00-0436	EA	Address Decoder Note: Decodes CPU control signal. One required for each V4481SCC-HD. If system uses V1344SCPU-HD, eliminate one V4430ADEC-HD. Vicon model V4430ADEC-HD.	348.35	19.38
28 23 00 00-0437	EA	Expander Card For Systems With More Than 128 Camera Inputs Note: One required for each camera expansion card cage. Vicon model V4441SEXP-HD.	454.04	25.26
28 23 00 00-0438	EA	Blank Rear Closure Panel For V4481SCC-HD Note: Vicon model V4450RCP-HD.	19.58	1.08
28 23 00 00-0439	EA	21" Coaxial Ribbon Cable Note: For distributing video between V4410S-HD cards. Vicon model V44RCP-21-1.	19.58	1.08
28 23 00 00-0440	EA	12" Coaxial Ribbon Cable Assembly Note: For distributing video signals from V4410S-HD switcher cards to external devices. Terminated with eight BNCs. Vicon model V44RCB-12-1.	93.94	5.23
28 23 00 00-0441	EA	75-OHM Terminator Note: For unused looping outputs and looping video coaxial ribbon cable connectors, Matrix 44. Vicon model V75TR-1.	32.62	1.31
28 23 00 00-0442		NOVA 1466A Matrix Prepacs, Programmable Systems *(28 23 00 00-0407)* Note: With internal CPU.		
28 23 00 00-0443	EA	Controls 64 Cameras And 16 Monitors Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V64X16A-IHCPS.	5,098.22	41.29
28 23 00 00-0444	EA	Controls 64 Cameras And 32 Monitors Note: Includes 2 switcher card cages, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V64X32A-IHCPS.	8,306.36	41.29
28 23 00 00-0445	EA	Controls 128 Cameras And 16 Monitors Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V128X16A-IHCPS.	6,306.49	49.55
28 23 00 00-0446	EA	Controls 128 Cameras And 32 Monitors Note: Includes 2 switcher card cages, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V128X32A-IHCPS.	9,011.59	49.55
28 23 00 00-0447	EA	Controls 192 Cameras And 16 Monitors Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V192X16A-IHCPS.	6,711.35	57.81
28 23 00 00-0448	EA	Controls 192 Cameras And 32 Monitors Note: Includes 2 switcher card cages, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V192X32A-IHCPS.	10,261.85	57.81
28 23 00 00-0449	EA	Controls 256 Cameras And 16 Monitors Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V256X16A-IHCPS.	8,224.53	66.07
28 23 00 00-0450	EA	Controls 256 Cameras And 32 Monitors Note: Includes 2 switcher card cages, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V256X32A-IHCPS.	11,830.73	66.07
28 23 00 00-0451		NOVA V1466A Matrix Prepacs, Single Cage Programmable Systems *(28 23 00 00-0407)* Note: With internal CPU. Expandable to 128 cameras x 32 monitors.		
28 23 00 00-0452	EA	Controls 64 Cameras And 32 Monitors Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V64X32A-IHCPS-S.	6,328.89	41.29
28 23 00 00-0453	EA	Controls 128 Cameras And 32 Monitors Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V128X32A-IHCPS-S.	8,878.30	49.55
28 23 00 00-0454		NOVA V1466A Internal CPU And Titler *(28 23 00 00-0407)*		
28 23 00 00-0455	EA	Internal CPU For Matrix 66 Card Cage Note: Controls video switcher, pan-and-tilt, lens, and auxiliary functions. Controls matrix switching for up to 256 cameras and 32 monitors. Vicon model V1466ASCPA-A.	814.63	13.76
28 23 00 00-0456	EA	Time/Date/Titler Card, For Monitors 1-16 Note: Provides advanced titling capability including sectors, presets and camera ID in addition to time and date. Used only with V1466ASCPU-A. Vicon model V1466ATDTSHD-16.	676.78	13.76
28 23 00 00-0457	EA	Time/Date/Titler Card, For Monitors 17-32 Note: Provides advanced titling capability including sectors, presets and camera ID in addition to time and date. Used only with V1466ASCPU-A. Vicon model V1466ATDTSHD-32.	1,035.57	13.76
28 23 00 00-0458		Matrix 66 Super High Density Switcher Components *(28 23 00 00-0407)*		
28 23 00 00-0459	EA	Coaxial Ribbon Cable, 1 D-Shell Connector And 8 BNCs Note: Vicon model V66RCB-24.	97.86	5.44
28 23 00 00-0460	EA	Coaxial Ribbon Cable, 2 D-Shell Connectors Note: Vicon model V66RC-36.	97.86	5.44
28 23 00 00-0461	EA	75-OHM Terminator For Unused Looping Outputs Note: Also for looping video D-shell Connectors, Matrix 66. Vicon model V75TR-SHD.	35.23	1.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0462	EA	Card Cage (256x16) Note: Accepts up to 4 switcher cards. Includes motherboard and power supply. Vicon model V6680SCC-16-1A.	1,997.06	20.64
28 23 00 00-0463	EA	Card Cage (128x32) Note: Accepts up to 4 switcher cards. Includes motherboard and power supply. Vicon model V6680SCC-32-1A.	822.99	20.64
28 23 00 00-0464	EA	Decoder Board, For External CPU Note: Vicon model V1466ADCDB.	311.17	17.31
28 23 00 00-0465	EA	Video Switcher Card, Switching For 64 Camera Inputs Note: Rear connector panels ordered separately. Vicon model V6610S-1A.	1,083.83	60.30
28 23 00 00-0466	EA	Camera Input Panel, 64 BNC Connectors Note: Vicon model V6610RP64-IA.	193.75	10.78
28 23 00 00-0467	EA	Camera Input Panel, 32 BNC Connectors Note: Vicon model V6610RP32-IA.	166.73	9.28
28 23 00 00-0468	EA	Monitor Output Panel, 16 BNC Connectors Note: Vicon model V6610RP16-OA.	150.31	8.36
28 23 00 00-0469	EA	Monitor Output Panel, 32 BNC Connectors Note: Vicon model V6610RP32-OA.	163.20	9.08
28 23 00 00-0470	EA	Camera Looping Panel, 64 Channels, 16 D-Shell Cable Connectors Note: Vicon model V6610RP64-LA.	158.53	8.81
28 23 00 00-0471	EA	Expander Card, 32 Channels, For Use In Star Configuration Note: Vicon model V6640SEXP32-A.	663.45	36.90
28 23 00 00-0472	EA	Expander Card, 16 Channels, For Use In Serial Loop Configuration Note: Vicon model V6640SEXP16-A.	452.08	25.15
28 23 00 00-0473	EA	Video Amplifier Board, Outputs For Monitors 1-16 Or 17-32 Note: Vicon model V6632-AMP-1A or V6632-AMP-1A.	764.56	20.64
28 23 00 00-0474	EA	Card Extender, For Switcher Slots (For Service) Note: Vicon model V6670XS-A.	109.97	20.64
28 23 00 00-0475	EA	Card Extender, For AMP/OSD Slots (For Service) Note: Vicon model V6670XA-A.	342.77	20.64
28 23 00 00-0476	EA	Blank Rear Closure Panel, For Unused Card Positions Note: Vicon model V6650RCP-A.	17.61	0.98

28 23 00 00-0477 Matrix 66 Prepacs With Titling For Use With NOVA 1500 *(28 23 00 00-0407)*

28 23 00 00-0478	EA	Controls 64 Cameras And 16 Monitors Note: Includes 1 switcher card cage and titling card cage. Vicon model V64X16-MX66A.	6,276.85	41.29
28 23 00 00-0479	EA	Controls 64 Cameras And 32 Monitors Note: Includes 2 switcher card cages and titling card cage. Vicon model V64X32-MX66A.	11,017.85	41.29
28 23 00 00-0480	EA	Controls 64 Cameras And 48 Monitors Note: Includes 3 switcher card cages and titling card cage. Vicon model V64X48-MX66A.	16,944.79	41.29
28 23 00 00-0481	EA	Controls 64 Cameras And 64 Monitors Note: Includes 4 switcher card cages and titling card cage. Vicon model V64X64-MX66A.	21,620.97	41.29
28 23 00 00-0482	EA	Controls 128 Cameras And 16 Monitors Note: Includes 1 switcher card cage and titling card cage. Vicon model V128X16-MX66A.	8,848.17	49.55
28 23 00 00-0483	EA	Controls 128 Cameras And 32 Monitors Note: Includes 2 switcher card cages and titling card cage. Vicon model V128X32-MX66A.	13,953.44	49.55
28 23 00 00-0484	EA	Controls 128 Cameras And 48 Monitors Note: Includes 3 switcher card cages and titling card cage. Vicon model V128X48-MX66A.	20,674.65	49.55
28 23 00 00-0485	EA	Controls 128 Cameras And 64 Monitors Note: Includes 4 switcher card cages and titling card cage. Vicon model V128X64-MX66A.	27,771.09	49.55
28 23 00 00-0486	EA	Controls 192 Cameras And 16 Monitors Note: Includes 1 switcher card cage and titling card cage. Vicon model V192X16-MX66A.	11,094.47	57.81
28 23 00 00-0487	EA	Controls 192 Cameras And 32 Monitors Note: Includes 2 switcher card cages and titling card cage. Vicon model V192X32-MX66A.	17,463.28	57.81
28 23 00 00-0488	EA	Controls 192 Cameras And 48 Monitors Note: Includes 3 switcher card cages and titling card cage. Vicon model V192X48-MX66A.	26,281.56	57.81
28 23 00 00-0489	EA	Controls 192 Cameras And 64 Monitors Note: Includes 4 switcher card cages and titling card cage. Vicon model V192X64-MX66A.	31,976.60	57.81
28 23 00 00-0490	EA	Controls 256 Cameras And 16 Monitors Note: Includes 1 switcher card cage and titling card cage. Vicon model V256X16-MX66A.	13,279.29	66.07
28 23 00 00-0491	EA	Controls 256 Cameras And 32 Monitors Note: Includes 2 switcher card cages and titling card cage. Vicon model V256X32-MX66A.	20,651.75	66.07
28 23 00 00-0492	EA	Controls 256 Cameras And 48 Monitors Note: Includes 3 switcher card cages and titling card cage. Vicon model V256X48-MX66A.	30,918.89	66.07
28 23 00 00-0493	EA	Controls 256 Cameras And 64 Monitors Note: Includes 4 switcher card cages and titling card cage. Vicon model V256X64-MX66A.	40,068.58	66.07
28 23 00 00-0494	EA	Controls 320 Cameras And 16 Monitors Note: Includes 1 switcher card cage and titling card cage. Vicon model V320X16-MX66A.	18,776.45	82.58
28 23 00 00-0495	EA	Controls 320 Cameras And 32 Monitors Note: Includes 2 switcher card cages and titling card cage. Vicon model V320X32-MX66A.	30,317.18	82.58
28 23 00 00-0496	EA	Controls 320 Cameras And 48 Monitors Note: Includes 3 switcher card cages and titling card cage. Vicon model V320X48-MX66A.	44,352.11	82.58
28 23 00 00-0497	EA	Controls 320 Cameras And 64 Monitors Note: Includes 4 switcher card cages and titling card cage. Vicon model V320X64-MX66A.	59,026.12	82.58
28 23 00 00-0498	EA	Controls 384 Cameras And 16 Monitors Note: Includes 1 switcher card cage and titling card cage. Vicon model V384X16-MX66A.	21,068.80	99.10
28 23 00 00-0499	EA	Controls 384 Cameras And 32 Monitors Note: Includes 2 switcher card cages and titling card cage. Vicon model V384X32-MX66A.	33,551.70	99.10
28 23 00 00-0500	EA	Controls 384 Cameras And 48 Monitors Note: Includes 3 switcher card cages and titling card cage. Vicon model V384X48-MX66A.	49,982.24	99.10
28 23 00 00-0501	EA	Controls 384 Cameras And 64 Monitors Note: Includes 4 switcher card cages and titling card cage. Vicon model V384X64-MX66A.	65,164.76	99.10
28 23 00 00-0502	EA	Controls 448 Cameras And 16 Monitors Note: Includes 1 switcher card cage and titling card cage. Vicon model V448X16-MX66A.	23,373.03	115.61
28 23 00 00-0503	EA	Controls 448 Cameras And 32 Monitors Note: Includes 2 switcher card cages and titling card cage. Vicon model V448X32-MX66A.	36,860.19	115.61
28 23 00 00-0504	EA	Controls 448 Cameras And 48 Monitors Note: Includes 3 switcher card cages and titling card cage. Vicon model V448X48-MX66A.	54,702.17	115.61
28 23 00 00-0505	EA	Controls 448 Cameras And 64 Monitors Note: Includes 4 switcher card cages and titling card cage. Vicon model V448X64-MX66A.	71,394.73	115.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0506	EA	Controls 512 Cameras And 16 Monitors Note: Includes 1 switcher card cage and titling card cage. Vicon model V512X16-MX66A.	25,704.65	132.14
28 23 00 00-0507	EA	Controls 512 Cameras And 32 Monitors Note: Includes 2 switcher card cages and titling card cage. Vicon model V512X32-MX66A.	40,129.41	132.14
28 23 00 00-0508	EA	Controls 512 Cameras And 48 Monitors Note: Includes 3 switcher card cages and titling card cage. Vicon model V512X48-MX66A.	59,484.17	132.14
28 23 00 00-0509	EA	Controls 512 Cameras And 64 Monitors Note: Includes 4 switcher card cages and titling card cage. Vicon model V512X64-MX66A.	77,718.72	132.14
28 23 00 00-0510		NOVA 1500 Network Switching Control System *(28 23 00 00-0407)*		
28 23 00 00-0511	EA	NOVA 1500 Central Processing Unit Note: Includes internal graphic configurator, capable of addressing over 8000 camera and 500 monitor and keypad stations. Use with companion NOVA 1500-CDU Communication Distribution Unit and Matrix Switching Systems. Vicon model V1500CPU.	4,635.21	20.64
28 23 00 00-0512	EA	NOVA 1500 Communication Distribution Unit Note: Configured to address 2046 cameras, 128 monitors, 32 keypads, one RS-232 port and monitor titling. Includes one network interface card and one power supply module. Vicon model V1500CDU-1.	3,411.84	20.64
28 23 00 00-0513	EA	NOVA 1500 CDU, Internal Redundant Configuration Note: Configured to address 2046 cameras, 128 monitors, 32 keypads, one RS-232 port and monitor titling. Includes redundant personality modules, power supplies and network cards for automatic switchover Vicon model V1500CDU-H-1.	4,868.01	20.64
28 23 00 00-0514	EA	NOVA 1500CDU, Chassis Note: Includes one network interface card and power supply module. Must be populated with CDU personality modules. Vicon model V1500CDU-CC.	1,553.97	20.64
28 23 00 00-0515	EA	NOVA 1500CDU, Alarm Module Note: Provides communication from V1500CDU to Vicon alarm devices Vicon model V1500CDU-ALRM.	461.46	20.64
28 23 00 00-0516	EA	NOVA 1500CDU, Time/Date/Titler Module Note: Provides control communication between V1500CDU and matrix time/date/titling devices. Vicon model V1500CDU-TDT.	456.89	20.64
28 23 00 00-0517	EA	NOVA 1500CDU, Video Module Note: Provides control communication between V1500CDU and matrix video switcher. Vicon model V1500CDU-VID.	446.24	20.64
28 23 00 00-0518	EA	NOVA 1500CDU, Serial Module Note: Provides control communication between V1500CDU and Vicon system keypads/PTZ receivers or host RS-232 devices Vicon model V1500CDU-SER.	431.03	20.64
28 23 00 00-0519	EA	NOVA 1500CDU, Rear Closure Panel Note: Closes un-populated slots in V1500CDU chassis. Vicon model V1500CDU-RCP.	12.18	0.76
28 23 00 00-0520	EA	NOVA 1500CDU, Redundant Power Supply Module Note: Provides internal power redundancy for the V1500CDU. Vicon model V1500CDU-HSB-POW.	248.57	16.88
28 23 00 00-0521	EA	NOVA 1500CDU, Redundant Network Interface Module Note: Provides internal network communication redundancy for the V1500CDU. Vicon model V1500CDU-HSB-NET.	508.23	34.63
28 23 00 00-0522	EA	NOVA 1500CDU, Redundant Alarm Module Note: Provides internal redundant communication from V1500CDU to alarm devices. Vicon model V1500CDU-HSB-ALRM.	779.47	20.64
28 23 00 00-0523	EA	NOVA 1500CDU, Redundant Time/Date/Titler Module Note: Provides internal redundant communication from V1500CDU to time/date/titler device Vicon model V1500CDU-HSB-TDT.	768.82	20.64
28 23 00 00-0524	EA	NOVA 1500CDU, Redundant Video Module Note: Provides internal redundant communication from V1500CDU to video matrix switcher. Vicon model V1500CDU-HSB-VID.	782.52	20.64
28 23 00 00-0525	EA	NOVA 1500CDU, Redundant Serial Module Note: Provides internal redundant communication from V1500CDU to system keypads, receivers, host RS-232 devices. Vicon model V1500CDU-HSB-SER.	756.65	20.64
28 23 00 00-0526	EA	Multi-Input VGA Monitor/Keyboard Note: Used with V1500CPU, accepts 8 VGA inputs from multiple PCs, includes 2 PC cables. Rack mount only. Vicon model V1500KVM-R.	3,947.65	30.97
28 23 00 00-0527	EA	Cable For Use With V1500-KVM-R Note: Connects additional PCs to V1500-KVM-R. Vicon model V1500KVM-R.	45.02	2.50
28 23 00 00-0528	EA	10' Patch 5 Cable Note: Vicon model CAT5e-Patch-10.	38.93	2.50
28 23 00 00-0529		Time/Date/Titlers For NOVA 1500 *(28 23 00 00-0407)*		
28 23 00 00-0530	EA	Card Cage Note: Holds up to 16 V1300X-TDT circuit cards, each of which titles 2 monitors (32 monitors total per card cage). Vicon model V1300X-TCC.	490.37	20.64
28 23 00 00-0531	EA	Power Supply Note: Used in V1300X-TCC-1, 1 per card cage. Vicon model V1300X-TC-PS.	291.60	16.22
28 23 00 00-0532	EA	Master Module Note: Provides addressing for 32 monitors and loop-through signaling for additional V1300X-TCC card cage Vicon model V1400X-TDT-MA.	218.00	20.64
28 23 00 00-0533	EA	Slave Module Note: Provides addressing for 32 monitors in additional V1300X-TCC card cage. Vicon model V1300X-TC-SL-1.	221.05	20.64
28 23 00 00-0534	EA	Time/Date/Titler Assembly Note: Circuit card provides time/date/titles for 2 monitors. Vicon model V1300X-TDT.	272.78	20.64
28 23 00 00-0535	EA	Blank Rear Closure Panel For V1300X-TCC Note: Vicon model V1300X-RCT.	27.39	1.53
28 23 00 00-0536		System Console Control Station *(28 23 00 00-0407)*		
28 23 00 00-0537	EA	System Console Note: Controls NOVA Matrix Systems, AurorA 2000 / AurorACorD multiplexers and recorders and time-lapse VCRs. Vicon model V1400X-DVC-3.	1,294.43	15.48
28 23 00 00-0538	EA	Trackball For Use With System Console Note: Vicon model V1400X-JST.	246.04	15.48
28 23 00 00-0539	EA	Desktop Joystick For Use With System Console Note: Vicon model V1400X-DJT.	282.56	15.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0540		NOVA Control Keypads *(28 23 00 00-0407)*		
28 23 00 00-0541	EA	Control Keypad, Small Profile Desk-Top Note: Provides multi-function control for camera stations with variable-speed joystick for pan-and-tilt control and push buttons for lens function. Vicon model V1410X-DVC.	548.84	15.48
28 23 00 00-0542	EA	Control Keypad, Desk-Top Version With Variable-Speed Joystick Note: Provides multi-function control for camera stations with variable-speed joystick for pan-and-tilt control and push buttons for lens function. Vicon model V1411X-DVC.	672.09	15.48
28 23 00 00-0543	EA	Control Keypad, Desk-Top Version With 3-Function Joystick Note: Provides multi-function control for camera stations with three-function variable-speed joystick for pan-and-tilt control and push buttons for lens function. Vicon model V1411J-DVC.	795.34	15.48
28 23 00 00-0544	EA	Control Keypad, Rack-Mount Version Note: Provides complete switching and control functions for camera stations with variable-speed and fixed-speed pan-and-tilt units. Vicon model V1300X-RVC.	1,047.93	15.48
28 23 00 00-0545	EA	Control Keypad, Desk-Top Version Note: Provides complete switching and control functions for camera stations with variable-speed and fixed-speed pan-and-tilt units Vicon model V1300X-DVC.	1,047.93	15.48
28 23 00 00-0546		Additional System Capabilities NOVA Systems *(28 23 00 00-0407)*		
28 23 00 00-0547	EA	Vicoax Translator Note: Converts Vicon RS-422 PTZ commands to Vicoax, 16 channels. Vicon model V422-VI.	634.92	20.64
28 23 00 00-0548	EA	RS-422 Dual Input Code Merger Note: Merges control data from two separate control systems into one device. Vicon model VSCM-200.	606.01	20.64
28 23 00 00-0549	EA	Video Loss Detector Accepts Up To 256 Camera Inputs Note: Merges control data from two separate control systems into one device. Vicon model V1400X-VLD.	1,068.58	20.64
28 23 00 00-0550	EA	Distribution Line Control Note: Provides up to 10 communication lines from CPU when used in star configuration. Vicon model V1400X-IDL.	634.92	20.64
28 23 00 00-0551	EA	Alarm Interface, Accepts Up To 32 Custom Alarm Inputs Note: Vicon model V1300X-IA.	650.14	20.64
28 23 00 00-0552	EA	Alarm Interface, Accepts Up To 64 Custom Alarm Inputs Note: Vicon model V1300X-IA-EX.	764.26	20.64
28 23 00 00-0553	EA	Alarm Interface, With Relay Follow Note: Vicon model V1300X-IAF.	1,191.83	20.64
28 23 00 00-0554	EA	Cable Adapter 34-25 Pin Note: Vicon model V1300X-CA.	80.25	4.47
28 23 00 00-0555	EA	Relay/Audio-Follow-Video Switcher Note: Mono, 32 inputs, for use with matrix switching systems. Vicon model V1332AF.	700.35	20.64
28 23 00 00-0556		PTZ Receivers *(28 23 00 00-0407)*		
28 23 00 00-0557	EA	Outdoor Variable-Speed Receiver Note: For VIST25 pan-and-tilt, 120 VAC input, 24 VDC output to pan-and-tilt drives. Vicon model V1305R-DC1.	743.70	41.37
28 23 00 00-0558	EA	Outdoor Universal Receiver, 24 VAC Input Note: 24 VAC output to pan-and-tilt drives, requires V1311R-VI-1 interface card for Vicoax control and V1311R-VPS-1 interface card for NOVA control. Vicon model V1311RB-1WA.	393.37	21.89
28 23 00 00-0559	EA	Outdoor Universal Receiver, 120 VAC Input Note: 24 or 120 VAC output to pan-and-tilt drives, requires V1311R-VI-1 interface card for Vicoax control and V1311R-VPS-1 interface card for NOVA control. Vicon model V1311RB-2WA.	393.37	21.89
28 23 00 00-0560		Receiver Options *(28 23 00 00-0407)*		
28 23 00 00-0561	EA	Interface Card Note: Internal board adapts V1311RB receivers for use with NOVA CPUs. Vicon model V1311R-VPS-1.	215.29	11.98
28 23 00 00-0562	EA	Vicoax Interface Card Note: Adapts V1311RB receiver for use with Vicoax transmitter. Vicon model V1311R-VI-1.	144.83	8.05
28 23 00 00-0563		Closed Circuit Television And Surveillance Systems (Pelco) *(28 23)* Note: Includes programming of equipment, testing of new devices and certification.		
28 23 00 00-0564		Cameras And Accessories *(28 23 00 00-0563)*		
28 23 00 00-0565		Cameras *(28 23 00 00-0564)*		
28 23 00 00-0566		1/3" Format Cameras *(28 23 00 00-0565)*		
28 23 00 00-0567		High Resolution Color, 1/3" Format Cameras *(28 23 00 00-0566)*		
28 23 00 00-0568	EA	Extended Dynamic Range, High Resolution Color, 1/3" Format Camera (Pelco CC3701H-2)	321.23	20.64
28 23 00 00-0569	EA	Low Light, Digital Slow Shutter, High Resolution Color, 1/3" Format Camera (Pelco CC3751H-2)	429.05	20.64
28 23 00 00-0570		Compact, 1/3" Format Cameras *(28 23 00 00-0565)*		
28 23 00 00-0571		High Resolution Color, Compact, 1/3" Format Cameras *(28 23 00 00-0570)*		
28 23 00 00-0572	EA	Wide Dynamic Range, High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco CCC1390H)	512.69	20.64
28 23 00 00-0573	EA	High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco C10DN-6)	420.76	20.64
28 23 00 00-0574		Day/Night, Compact, 1/3" Format Cameras *(28 23 00 00-0570)*		
28 23 00 00-0575	EA	High Resolution Color, Compact, 1/3" Format Camera (Pelco C10CH-6)	248.65	20.64
28 23 00 00-0576		Camerapaks *(28 23 00 00-0564)* Note: Includes camera and lens.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0577		Camerapaks *(28 23 00 00-0576)*		
28 23 00 00-0578		High Resolution Color, Camerapaks *(28 23 00 00-0577)*		
28 23 00 00-0579		Fixed Focus, High Resolution Color, Camerapaks *(28 23 00 00-0578)*		
28 23 00 00-0580		Manual Iris, Fixed Focus, High Resolution Color, Camerapaks *(28 23 00 00-0579)*		
28 23 00 00-0581	EA	2.3 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3)	323.30	20.64
28 23 00 00-0582	EA	2.8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8)	303.95	20.64
28 23 00 00-0583	EA	4 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4)	294.96	20.64
28 23 00 00-0584	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8)	292.89	20.64
28 23 00 00-0585		Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapaks *(28 23 00 00-0579)*		
28 23 00 00-0586	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3A)	352.33	20.64
28 23 00 00-0587	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8A)	323.30	20.64
28 23 00 00-0588	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4A)	316.39	20.64
28 23 00 00-0589	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8A)	310.86	20.64
28 23 00 00-0590		Varifocal, High Resolution Color, Camerapaks *(28 23 00 00-0578)*		
28 23 00 00-0591		Manual Iris, Varifocal, High Resolution Color, Camerapaks *(28 23 00 00-0590)*		
28 23 00 00-0592	EA	1-3 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1)	380.67	20.64
28 23 00 00-0593	EA	2.5-6 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2)	343.34	20.64
28 23 00 00-0594	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21)	312.93	20.64
28 23 00 00-0595	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3)	300.49	20.64
28 23 00 00-0596	EA	5-40 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5)	346.80	20.64
28 23 00 00-0597		Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks *(28 23 00 00-0590)*		
28 23 00 00-0598	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1A)	411.08	20.64
28 23 00 00-0599	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2A)	385.51	20.64
28 23 00 00-0600	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21A)	341.96	20.64
28 23 00 00-0601	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3A)	305.33	20.64
28 23 00 00-0602	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5A)	361.32	20.64
28 23 00 00-0603	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V50A)	408.32	20.64
28 23 00 00-0604	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V55A)	468.45	20.64
28 23 00 00-0605		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks *(28 23 00 00-0590)*		
28 23 00 00-0606	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R3A)	321.23	20.64
28 23 00 00-0607	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R75A)	384.13	20.64
28 23 00 00-0608		High Resolution Day/Night, Camerapaks *(28 23 00 00-0577)*		
28 23 00 00-0609		Varifocal, High Resolution Day/Night, Camerapaks *(28 23 00 00-0608)*		
28 23 00 00-0610		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 23 00 00-0609)*		
28 23 00 00-0611	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V2A)	649.55	20.64
28 23 00 00-0612	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V21A)	606.00	20.64
28 23 00 00-0613	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V3A)	569.37	20.64
28 23 00 00-0614	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V5A)	625.35	20.64
28 23 00 00-0615	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V50A)	672.36	20.64
28 23 00 00-0616	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V55A)	731.80	20.64
28 23 00 00-0617		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 23 00 00-0609)*		
28 23 00 00-0618	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R3A)	585.26	20.64
28 23 00 00-0619	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R75A)	648.16	20.64
28 23 00 00-0620		Compact Camerapaks *(28 23 00 00-0576)*		
28 23 00 00-0621		High Resolution Color, Compact Camerapaks *(28 23 00 00-0620)*		
28 23 00 00-0622		DSS, High Resolution Color, Compact Camerapaks *(28 23 00 00-0621)*		
28 23 00 00-0623		Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 23 00 00-0622)*		
28 23 00 00-0624		Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 23 00 00-0623)*		
28 23 00 00-0625	EA	2.3 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3)	503.70	20.64
28 23 00 00-0626	EA	2.8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8)	484.35	20.64
28 23 00 00-0627	EA	4 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4)	474.67	20.64
28 23 00 00-0628	EA	8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8)	472.60	20.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0629		Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 23 00 00-0623)*		
28 23 00 00-0630	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3A)	532.04	20.64
28 23 00 00-0631	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8A)	503.70	20.64
28 23 00 00-0632	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4A)	496.79	20.64
28 23 00 00-0633	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8A)	491.26	20.64
28 23 00 00-0634		Varifocal, DSS, High Resolution Color, Camerapaks *(28 23 00 00-0622)*		
28 23 00 00-0635		Manual Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 23 00 00-0634)*		
28 23 00 00-0636	EA	1-3 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1)	561.07	20.64
28 23 00 00-0637	EA	2.5-6 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2)	523.06	20.64
28 23 00 00-0638	EA	2.8-12 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21)	493.33	20.64
28 23 00 00-0639	EA	3-8 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3)	480.89	20.64
28 23 00 00-0640	EA	5-40 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5)	526.51	20.64
28 23 00 00-0641	EA	5-50 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50)	556.23	20.64
28 23 00 00-0642	EA	5.5-82.5 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55)	626.74	20.64
28 23 00 00-0643		Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 23 00 00-0634)*		
28 23 00 00-0644	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1A)	590.79	20.64
28 23 00 00-0645	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2A)	565.91	20.64
28 23 00 00-0646	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21A)	522.37	20.64
28 23 00 00-0647	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3A)	485.04	20.64
28 23 00 00-0648	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5A)	541.72	20.64
28 23 00 00-0649	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50A)	588.72	20.64
28 23 00 00-0650	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55A)	648.16	20.64
28 23 00 00-0651		Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 23 00 00-0634)*		
28 23 00 00-0652	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R3A)	501.63	20.64
28 23 00 00-0653	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R75A)	564.53	20.64
28 23 00 00-0654		EDR, High Resolution Color, Compact Camerapaks *(28 23 00 00-0621)*		
28 23 00 00-0655		Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 23 00 00-0654)*		
28 23 00 00-0656		Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 23 00 00-0655)*		
28 23 00 00-0657	EA	2.3 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3)	503.70	20.64
28 23 00 00-0658	EA	2.8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8)	376.52	20.64
28 23 00 00-0659	EA	4 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4)	366.85	20.64
28 23 00 00-0660	EA	8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8)	364.77	20.64
28 23 00 00-0661		Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 23 00 00-0655)*		
28 23 00 00-0662	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3A)	424.21	20.64
28 23 00 00-0663	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8A)	395.88	20.64
28 23 00 00-0664	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4A)	388.96	20.64
28 23 00 00-0665	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8A)	388.96	20.64
28 23 00 00-0666		Varifocal, EDR, High Resolution Color, Camerapaks *(28 23 00 00-0654)*		
28 23 00 00-0667		Manual Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 23 00 00-0666)*		
28 23 00 00-0668	EA	1-3 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1)	453.25	20.64
28 23 00 00-0669	EA	2.5-6 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2)	415.23	20.64
28 23 00 00-0670	EA	2.8-12 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21)	385.51	20.64
28 23 00 00-0671	EA	3-8 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3)	373.07	20.64
28 23 00 00-0672	EA	5-40 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5)	418.69	20.64
28 23 00 00-0673	EA	5-50 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50)	448.41	20.64
28 23 00 00-0674	EA	5.5-82.5 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55)	518.91	20.64
28 23 00 00-0675		Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 23 00 00-0666)*		
28 23 00 00-0676	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1A)	482.97	20.64
28 23 00 00-0677	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2A)	458.08	20.64
28 23 00 00-0678	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21A)	413.85	20.64
28 23 00 00-0679	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3A)	377.21	20.64
28 23 00 00-0680	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5A)	433.89	20.64
28 23 00 00-0681	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50A)	480.89	20.64
28 23 00 00-0682	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55A)	540.34	20.64
28 23 00 00-0683		Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 23 00 00-0666)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0684	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R3A)	393.80	20.64
28 23 00 00-0685	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R75A)	456.70	20.64
28 23 00 00-0686		High Resolution Day/Night, Compact Camerapaks *(28 23 00 00-0620)*		
28 23 00 00-0687		Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 23 00 00-0686)*		
28 23 00 00-0688		Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 23 00 00-0687)*		
28 23 00 00-0689	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F8)	465.00	20.64
28 23 00 00-0690		DC-Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 23 00 00-0687)*		
28 23 00 00-0691	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.3A)	524.44	20.64
28 23 00 00-0692	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.8A)	495.41	20.64
28 23 00 00-0693		Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 23 00 00-0686)*		
28 23 00 00-0694		Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 23 00 00-0693)*		
28 23 00 00-0695	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21)	485.04	20.64
28 23 00 00-0696	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3)	472.60	20.64
28 23 00 00-0697	EA	5-50 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50)	548.63	20.64
28 23 00 00-0698		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 23 00 00-0693)*		
28 23 00 00-0699	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V2A)	557.62	20.64
28 23 00 00-0700	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21A)	514.07	20.64
28 23 00 00-0701	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3A)	477.44	20.64
28 23 00 00-0702	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V5A)	533.42	20.64
28 23 00 00-0703	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50A)	580.43	20.64
28 23 00 00-0704	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V55A)	640.56	20.64
28 23 00 00-0705		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 23 00 00-0693)*		
28 23 00 00-0706	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R3A)	493.33	20.64
28 23 00 00-0707	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R75A)	556.23	20.64
28 23 00 00-0708		Camera Systems *(28 23 00 00-0564)*		
28 23 00 00-0709		Camera Dome Systems *(28 23 00 00-0708)*		
28 23 00 00-0710		Spectra®, Pan/Tilt Camera Dome Systems *(28 23 00 00-0709)*		
28 23 00 00-0711		Spectra®, Pan/Tilt Camera Dome Systems *(28 23 00 00-0710)* Note: Includes dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 23 00 00-0712		Spectra® IV, Pan/Tilt Camera Dome Systems *(28 23 00 00-0711)*		
28 23 00 00-0713		Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 23 00 00-0712)*		
28 23 00 00-0714	EA	22X, Surface Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-SMB)	2,064.22	123.87
28 23 00 00-0715	EA	22X, In-Ceiling Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-F)	2,347.62	123.87
28 23 00 00-0716	EA	22X, Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PB)	2,474.80	123.87
28 23 00 00-0717	EA	22X, Environmental Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PG-E)	3,425.89	123.87
28 23 00 00-0718		Color, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 23 00 00-0712)*		
28 23 00 00-0719	EA	16X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-SMB)	1,742.82	123.87
28 23 00 00-0720	EA	16X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F)	1,885.89	123.87
28 23 00 00-0721	EA	16X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PB)	2,013.77	123.87
28 23 00 00-0722	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F-E)	2,087.03	123.87
28 23 00 00-0723	EA	16X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PG-E)	2,087.03	123.87
28 23 00 00-0724	EA	22X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-SMB)	2,185.87	123.87
28 23 00 00-0725	EA	22X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F)	2,469.96	123.87
28 23 00 00-0726	EA	22X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PB)	2,597.83	123.87
28 23 00 00-0727	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F-E)	2,671.10	123.87
28 23 00 00-0728	EA	22X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PG-E)	2,671.10	123.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0729		Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 23 00 00-0712)*		
28 23 00 00-0730	EA	23X, Surface Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-SMB)	2,540.46	123.87
28 23 00 00-0731	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F)	2,824.54	123.87
28 23 00 00-0732	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PB)	2,952.42	123.87
28 23 00 00-0733	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F-E)	3,025.68	123.87
28 23 00 00-0734	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PG-E)	3,025.68	123.87
28 23 00 00-0735		Day/Night, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 23 00 00-0712)*		
28 23 00 00-0736	EA	18X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-SMB)	2,308.22	123.87
28 23 00 00-0737	EA	18X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F)	2,451.99	123.87
28 23 00 00-0738	EA	18X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PB)	2,579.17	123.87
28 23 00 00-0739	EA	18X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F-E)	2,652.43	123.87
28 23 00 00-0740	EA	18X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PG-E)	2,652.43	123.87
28 23 00 00-0741	EA	35X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-SMB)	2,773.39	123.87
28 23 00 00-0742	EA	35X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F)	2,999.42	123.87
28 23 00 00-0743	EA	35X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PB)	3,126.60	123.87
28 23 00 00-0744	EA	35X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F-E)	3,199.87	123.87
28 23 00 00-0745	EA	35X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PG-E)	3,199.87	123.87
28 23 00 00-0746		Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 23 00 00-0711)*		
28 23 00 00-0747		Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 23 00 00-0746)*		
28 23 00 00-0748	EA	16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HF)	2,259.14	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0749	EA	16X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HP)	2,382.18	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0750	EA	16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HPE)	2,480.33	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0751	EA	22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HF)	2,800.35	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0752	EA	22X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HP)	2,923.39	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0753	EA	22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HPE)	3,022.23	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0754		Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 23 00 00-0746)*		
28 23 00 00-0755	EA	18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HF)	2,824.54	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0756	EA	18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HP)	2,947.58	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0757	EA	18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HPE)	3,046.42	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0758	EA	35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HF)	3,329.81	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0759	EA	35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HP)	3,452.15	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0760	EA	35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HPE)	3,550.99	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0761		Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems *(28 23 00 00-0711)*		
28 23 00 00-0762		Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems *(28 23 00 00-0761)*		
28 23 00 00-0763	EA	18X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PRE)	3,732.09	123.87
28 23 00 00-0764	EA	35X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PRE)	4,237.36	123.87
28 23 00 00-0765		Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 23 00 00-0711)*		
28 23 00 00-0766		Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 23 00 00-0765)*		
28 23 00 00-0767	EA	22X, Environmental Pendant Mount, Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PSGE)	3,246.87	123.87
28 23 00 00-0768		Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 23 00 00-0765)*		
28 23 00 00-0769	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PSGE)	2,828.00	123.87
28 23 00 00-0770	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PSGE)	3,369.90	123.87

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0771		Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 23 00 00-0765)*		
28 23 00 00-0772	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PSGE)	3,724.49	123.87
28 23 00 00-0773		Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 23 00 00-0765)*		
28 23 00 00-0774	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PSGE)	3,394.09	123.87
28 23 00 00-0775	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PSGE)	3,898.67	123.87
28 23 00 00-0776		Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 23 00 00-0711)*		
28 23 00 00-0777		Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 23 00 00-0776)*		
28 23 00 00-0778	EA	10X, In-Ceiling Mount, Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome System (Pelco SD4-B)	1,310.12	123.87
28 23 00 00-0779		Spectra® IP Network, Pan/Tilt Camera Dome Systems *(28 23 00 00-0710)* Note: Includes simultaneous IP and analog video and control, dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 23 00 00-0780		Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 23 00 00-0779)*		
28 23 00 00-0781		Color, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 23 00 00-0780)*		
28 23 00 00-0782	EA	16X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F)	2,402.22	123.87
28 23 00 00-0783	EA	16X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PB)	2,530.09	123.87
28 23 00 00-0784	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F-E)	2,603.36	123.87
28 23 00 00-0785	EA	16X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PG-E)	2,603.36	123.87
28 23 00 00-0786	EA	22X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F1)	2,986.28	123.87
28 23 00 00-0787	EA	22X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PB-1)	3,114.16	123.87
28 23 00 00-0788	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F-E1)	3,187.42	123.87
28 23 00 00-0789	EA	22X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PG-E1)	3,187.42	123.87
28 23 00 00-0790		Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 23 00 00-0780)*		
28 23 00 00-0791	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F1)	3,340.87	123.87
28 23 00 00-0792	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PB-1)	3,468.74	123.87
28 23 00 00-0793	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F-E1)	3,542.01	123.87
28 23 00 00-0794	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PG-E1)	3,542.01	123.87
28 23 00 00-0795		Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 23 00 00-0779)*		
28 23 00 00-0796		Color, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 23 00 00-0795)*		
28 23 00 00-0797	EA	16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HF1)	2,775.47	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0798	EA	16X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HP1)	2,898.50	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0799	EA	16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HPE1)	2,996.65	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0800	EA	22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HF1)	3,316.68	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0801	EA	22X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HP1)	3,439.71	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0802	EA	22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HPE1)	3,538.55	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0803		Day/Night, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 23 00 00-0795)*		
28 23 00 00-0804	EA	18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HF1)	3,340.87	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0805	EA	18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HP1)	3,463.90	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0806	EA	18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HPE1)	3,562.75	123.87
		For Protective Lower Dome Cage, Add	*34.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0807	EA	35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HF1)	3,846.14	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0808	EA	35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HP1)	3,968.48	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0809	EA	35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HPE1)	4,067.32	123.87
		For Protective Lower Dome Cage, Add	*34.65*	
28 23 00 00-0810		Stainless Steel Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 23 00 00-0779)*		
28 23 00 00-0811		Color, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 23 00 00-0810)*		
28 23 00 00-0812	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-PSGE1)	3,344.33	123.87
28 23 00 00-0813	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-PSGE1)	3,886.23	123.87
28 23 00 00-0814		Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 23 00 00-0810)*		
28 23 00 00-0815	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	4,240.81	123.87
28 23 00 00-0816		Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 23 00 00-0810)*		
28 23 00 00-0817	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1)	3,910.42	123.87
28 23 00 00-0818	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	4,414.99	123.87
28 23 00 00-0819		Miniature Spectra® IP Network, Mini Pan/Tilt Camera Dome Systems *(28 23 00 00-0779)*		
28 23 00 00-0820		Color, Miniature Spectra® IP Network, Mini Camera Dome Systems *(28 23 00 00-0819)*		
28 23 00 00-0821	EA	10X, In-Ceiling Mount, Color, Miniature Spectra® IP Network, Black Mini Camera Dome System (Pelco SD4N-W1)	1,643.28	123.87
28 23 00 00-0822		Spectra®, Pan/Tilt Dome Drives *(28 23 00 00-0710)* Note: Includes dome drive, camera and lens.		
28 23 00 00-0823	EA	10X, Color Camera, Spectra® Mini Dome Drive (Pelco DD4)	1,216.99	103.22
28 23 00 00-0824	EA	10X, Color Camera, Spectra® IP Network, Mini Dome Drive (Pelco DD4N)	1,548.77	103.22
28 23 00 00-0825	EA	22X, Black And White Camera, Spectra® IV Dome Drive (Pelco DD4M22)	1,958.65	103.22
28 23 00 00-0826	EA	16X, Color Camera, Spectra® IV Dome Drive (Pelco DD4TC16)	1,539.78	103.22
28 23 00 00-0827	EA	22X, Color Camera, Spectra® IV Dome Drive (Pelco DD4C22)	2,080.99	103.22
28 23 00 00-0828	EA	18X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW18)	2,105.19	103.22
28 23 00 00-0829	EA	23X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW23)	2,435.58	103.22
28 23 00 00-0830	EA	35X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW35)	2,610.45	103.22
28 23 00 00-0831	EA	35X, Color/Black And White Camera, Spectra® IV Horizon Dome Drive (Pelco DD4H35)	2,610.45	103.22
28 23 00 00-0832		Accessories For Spectra® Pan/Tilt Camera Dome Systems *(28 23 00 00-0710)*		
28 23 00 00-0833	EA	Upgrade To Chrome Lower Dome (Pelco Spectra)	97.46	
28 23 00 00-0834	EA	Upgrade To Gold Lower Dome (Pelco Spectra)	127.18	
28 23 00 00-0835	EA	Wall Mount For Spectra® Systems (Pelco IWM-BK)	106.35	10.32
28 23 00 00-0836	EA	24V Out, Wall Mount For Spectra® Systems (Pelco IWM24-BK)	267.40	10.32
28 23 00 00-0837	EA	Wall Arm Mount For Spectra® Systems (Pelco IDM4018)	103.58	10.32
28 23 00 00-0838	EA	Wall Arm Mount With Feed Through For Stainless Steel Spectra® IV Systems (Pelco IDM4012SS)	285.37	10.32
28 23 00 00-0839	EA	Pole Mount Adapter For Spectra® Systems (Pelco PA402)	54.68	6.14
28 23 00 00-0840		Camclosure®, Camera Dome Systems *(28 23 00 00-0709)*		
28 23 00 00-0841		Camclosure® IS Integrated, Camera Dome Systems *(28 23 00 00-0840)*		
28 23 00 00-0842		Camclosure® IS Integrated, Camera Dome Systems *(28 23 00 00-0841)*		
28 23 00 00-0843		High Resolution Color, Camclosure® IS Integrated, Camera Dome Systems *(28 23 00 00-0842)*		
28 23 00 00-0844	EA	12 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CH12)	493.13	123.87
28 23 00 00-0845	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CHV22)	534.60	123.87
28 23 00 00-0846	EA	12 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS110-CH12)	593.35	123.87
28 23 00 00-0847	EA	12 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS150-CH12)	593.35	123.87
28 23 00 00-0848		Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome Systems *(28 23 00 00-0842)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0849	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90B-CWV22)	600.95	123.87
28 23 00 00-0850	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-CWV22)	654.87	123.87
28 23 00 00-0851	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-CWV22)	654.87	123.87
28 23 00 00-0852		Day/Night, Camclosure® IS Integrated, Camera Dome Systems *(28 23 00 00-0842)*		
28 23 00 00-0853	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, White Camera Dome System (Pelco IS90-DNV22)	688.04	123.87
28 23 00 00-0854	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-DNV22)	821.45	123.87
28 23 00 00-0855	EA	9-22 mm, Environmental In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DNV22)	821.45	123.87
28 23 00 00-0856		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome Systems *(28 23 00 00-0842)*		
28 23 00 00-0857	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-DWV22)	751.63	123.87
28 23 00 00-0858	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DWV22)	837.34	123.87
28 23 00 00-0859		Camclosure® IS Integrated, Bullet Style Camera Systems *(28 23 00 00-0841)*		
28 23 00 00-0860		High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 23 00 00-0859)*		
28 23 00 00-0861	EA	3.6 mm, Wall/Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CH3.6)	541.18	82.58
28 23 00 00-0862		Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 23 00 00-0859)*		
28 23 00 00-0863	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CWV22)	619.29	82.58
28 23 00 00-0864		Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 23 00 00-0859)*		
28 23 00 00-0865	EA	9-22 mm, Wall/Ceiling Mount, Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DNV22)	681.50	82.58
28 23 00 00-0866		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 23 00 00-0859)*		
28 23 00 00-0867	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DWV22)	712.60	82.58
28 23 00 00-0868		Camclosure® IS Integrated Cameras *(28 23 00 00-0841)*		
28 23 00 00-0869	EA	12 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CH12)	382.21	82.58
28 23 00 00-0870	EA	9-22 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CHV22)	382.21	82.58
28 23 00 00-0871	EA	9-22 mm, Wide Dynamic Range Color, Camclosure® IS Integrated Camera (Pelco IS-CWV22)	443.72	82.58
28 23 00 00-0872	EA	9-22 mm, Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DNV22)	610.30	82.58
28 23 00 00-0873	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DWV22)	626.20	82.58
28 23 00 00-0874		Camclosure® ICS Integrated, Camera Dome Systems *(28 23 00 00-0840)*		
28 23 00 00-0875		Camclosure® ICS Integrated, Camera Dome Systems *(28 23 00 00-0874)*		
28 23 00 00-0876		Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 23 00 00-0875)*		
28 23 00 00-0877	EA	12 mm, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12)	424.70	123.87
28 23 00 00-0878	EA	12 mm, UTP, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12T)	454.42	123.87
28 23 00 00-0879	EA	12 mm, Environmental Surface Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS110-CA12)	573.31	123.87
28 23 00 00-0880	EA	12 mm, Environmental In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS150-CA12)	573.31	123.87
28 23 00 00-0881		High Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 23 00 00-0875)*		
28 23 00 00-0882	EA	3–9 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS151-CDV39A)	706.71	123.87
28 23 00 00-0883		Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 23 00 00-0874)*		
28 23 00 00-0884		Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 23 00 00-0883)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0885	EA	12 mm, Wall/Ceiling Mount, Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera System (Pelco ICS310-CA12)	490.73	82.58
28 23 00 00-0886		Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 23 00 00-0874)*		
28 23 00 00-0887		High Resolution Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 23 00 00-0886)*		
28 23 00 00-0888	EA	9-22 mm, High Resolution, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CHV22)	654.87	123.87
28 23 00 00-0889		Wide Dynamic Range Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 23 00 00-0886)*		
28 23 00 00-0890	EA	9-22 mm, Wide Dynamic Range, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CWV22)	717.07	123.87
28 23 00 00-0891		Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 23 00 00-0886)*		
28 23 00 00-0892	EA	9-22 mm, Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DNV22)	795.18	123.87
28 23 00 00-0893		Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 23 00 00-0886)*		
28 23 00 00-0894	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DWV22)	826.28	123.87
28 23 00 00-0895		Camclosure® IP Network, Camera Dome Systems *(28 23 00 00-0840)*		
28 23 00 00-0896		Camclosure® IP Network, Camera Dome Systems *(28 23 00 00-0895)*		
28 23 00 00-0897		High Resolution Color, Camclosure® IP Network, Camera Dome Systems *(28 23 00 00-0896)*		
28 23 00 00-0898	EA	3-9.5 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV9)	1,169.12	123.87
28 23 00 00-0899	EA	9-22 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV22)	1,169.12	123.87
28 23 00 00-0900		Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome Systems *(28 23 00 00-0896)*		
28 23 00 00-0901	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV9)	1,254.83	123.87
28 23 00 00-0902	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV22)	1,254.83	123.87
28 23 00 00-0903		Day/Night, Camclosure® IP Network, Camera Dome Systems *(28 23 00 00-0896)*		
28 23 00 00-0904	EA	3-9.5 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV9)	1,386.85	123.87
28 23 00 00-0905	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV22)	1,386.85	123.87
28 23 00 00-0906		Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome Systems *(28 23 00 00-0896)*		
28 23 00 00-0907	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV9)	1,480.16	123.87
28 23 00 00-0908	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV22)	1,480.16	123.87
28 23 00 00-0909		Accessories For Camclosure® Camera Dome Systems *(28 23 00 00-0840)*		
28 23 00 00-0910	EA	4S Gangbox Adapter Plate For ICS110 Camclosure® Systems (Pelco ICS110-AP)	24.83	6.19
28 23 00 00-0911	EA	4S Adapter Plate For ICS310 Camclosure® Systems (Pelco ICS310-AP)	24.83	6.19
28 23 00 00-0912	EA	Sun Shield For ICS310 Camclosure® Systems (Pelco ICS310-SS)	33.08	10.32
28 23 00 00-0913	EA	Conduit Adapter For ICS310 Camclosure® Systems (Pelco ICS310-COND)	52.44	10.32
28 23 00 00-0914	EA	2' x 2' Ceiling Panel For ICS150 Camclosure® Systems (Pelco ICS150-P)	53.86	6.19
28 23 00 00-0915	EA	Pendant Mount Adapter For Camclosure® ICS110 Systems (Pelco ICS110-PG)	52.44	10.32
28 23 00 00-0916	EA	Corner Mount Adapter For ICS200 Camclosure® Systems (Pelco ICS210-CM)	66.26	10.32
28 23 00 00-0917	EA	Smoked, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO110A)	176.77	20.64
28 23 00 00-0918	EA	Clear, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO111A)	176.77	20.64
28 23 00 00-0919	EA	Smoked, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO150A)	176.77	20.64
28 23 00 00-0920	EA	Clear, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO151A)	176.77	20.64
28 23 00 00-0921	EA	Pendant Mount Adapter For Camclosure® IP Systems (Pelco IP110-P)	62.80	10.32
28 23 00 00-0922	EA	Smoked Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP110-LD)	72.39	20.64
28 23 00 00-0923	EA	Clear Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP111-LD)	72.39	20.64
28 23 00 00-0924	EA	Smoked Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS110-LD)	72.39	20.64
28 23 00 00-0925	EA	Clear Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS111-LD)	72.39	20.64
28 23 00 00-0926	EA	Smoked Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS150-LD)	72.39	20.64
28 23 00 00-0927	EA	Clear Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS151-LD)	72.39	20.64
28 23 00 00-0928	EA	Surface Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS110-ENC)	210.25	28.20
28 23 00 00-0929	EA	Ceiling Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS150-ENC)	210.25	28.20
28 23 00 00-0930	EA	Black Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90B-P)	44.83	10.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0931	EA	Black Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90B-PW)	75.94	10.32
28 23 00 00-0932	EA	White Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90-P)	44.83	10.32
28 23 00 00-0933	EA	White Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90-PW)	75.94	10.32
28 23 00 00-0934	EA	Surface Mount Enclosure Only, Environmental, IP Camclosure® (Pelco IP110-ENC)	1,091.01	123.87
28 23 00 00-0935		Pan/Tilt Camera Systems *(28 23 00 00-0708)*		
28 23 00 00-0936		Esprit® CBZ, Pan/Tilt Camera Systems *(28 23 00 00-0935)*		
		Note: Includes powder coated aluminum pan/tilt enclosure, receiver, camera, lens, built in heater, window defroster/defogger, sun shroud, insulation blanket, 24V power supply and mounting hardware.		
28 23 00 00-0937		EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems *(28 23 00 00-0936)*		
28 23 00 00-0938		Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems *(28 23 00 00-0937)*		
28 23 00 00-0939	EA	10X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10N)	3,076.29	185.81
28 23 00 00-0940	EA	20X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20N)	3,491.70	185.81
28 23 00 00-0941	EA	30X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30N)	4,067.47	185.81
28 23 00 00-0942	EA	10X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PN)	3,165.45	185.81
28 23 00 00-0943	EA	20X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PN)	3,599.52	185.81
28 23 00 00-0944	EA	30X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PN)	4,175.29	185.81
28 23 00 00-0945		Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems *(28 23 00 00-0937)*		
28 23 00 00-0946	EA	10X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10W)	3,104.62	185.81
28 23 00 00-0947	EA	20X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20W)	3,520.04	185.81
28 23 00 00-0948	EA	30X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30W)	4,095.81	185.81
28 23 00 00-0949	EA	10X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PW)	3,194.48	185.81
28 23 00 00-0950	EA	20X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PW)	3,627.86	185.81
28 23 00 00-0951	EA	30X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PW)	4,203.63	185.81
28 23 00 00-0952		Esprit® CLZ, Pan/Tilt Camera Systems *(28 23 00 00-0935)*		
28 23 00 00-0953		DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 23 00 00-0952)*		
28 23 00 00-0954		Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 23 00 00-0953)*		
28 23 00 00-0955	EA	10X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10N)	3,184.11	185.81
28 23 00 00-0956	EA	20X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20N)	3,599.52	185.81
28 23 00 00-0957	EA	30X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30N)	4,175.29	185.81
28 23 00 00-0958	EA	10X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PN)	3,273.28	185.81
28 23 00 00-0959	EA	20X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PN)	3,707.35	185.81
28 23 00 00-0960	EA	30X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PN)	4,283.12	185.81
28 23 00 00-0961		Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 23 00 00-0953)*		
28 23 00 00-0962	EA	10X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10W)	3,212.45	185.81
28 23 00 00-0963	EA	20X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20W)	3,627.86	185.81
28 23 00 00-0964	EA	30X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30W)	4,203.63	185.81
28 23 00 00-0965	EA	10X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PW)	3,302.31	185.81
28 23 00 00-0966	EA	20X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PW)	3,735.69	185.81
28 23 00 00-0967	EA	30X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PW)	4,311.46	185.81
28 23 00 00-0968		Esprit® AJZ, Pan/Tilt Camera Systems *(28 23 00 00-0935)*		
28 23 00 00-0969		High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 23 00 00-0968)*		
28 23 00 00-0970		Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 23 00 00-0969)*		
28 23 00 00-0971	EA	6 x 10, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10N)	3,003.71	185.81
28 23 00 00-0972	EA	5.6 x 20, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20N)	3,419.12	185.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0973	EA	5.5 x 30, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30N)	3,994.89	185.81
28 23 00 00-0974	EA	6 x 10, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10PN)	3,093.57	185.81
28 23 00 00-0975	EA	5.6 x 20, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PN)	3,526.95	185.81
28 23 00 00-0976	EA	5.5 x 30, Preset Positioning, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PN)	4,102.72	185.81
28 23 00 00-0977		Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 23 00 00-0969)*		
28 23 00 00-0978	EA	6 x 10, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	3,032.74	185.81
28 23 00 00-0979	EA	5.6 x 20, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20W)	3,447.46	185.81
28 23 00 00-0980	EA	5.5 x 30, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30W)	4,023.92	185.81
28 23 00 00-0981	EA	6 x 8, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ8PW)	3,052.78	185.81
28 23 00 00-0982	EA	6 x 10, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	3,121.90	185.81
28 23 00 00-0983	EA	5.6 x 20, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PW)	3,555.29	185.81
28 23 00 00-0984	EA	5.5 x 30, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PW)	4,131.75	185.81
28 23 00 00-0985		Esprit® AMZ, Pan/Tilt Camera Systems *(28 23 00 00-0935)*		
28 23 00 00-0986		Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 23 00 00-0985)*		
28 23 00 00-0987		Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 23 00 00-0986)*		
28 23 00 00-0988	EA	5.6 x 20, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20N)	3,591.23	185.81
28 23 00 00-0989	EA	5.5 x 30, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30N)	4,167.00	185.81
28 23 00 00-0990	EA	6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PN)	3,265.67	185.81
28 23 00 00-0991	EA	5.6 x 20, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PN)	3,699.06	185.81
28 23 00 00-0992	EA	5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PN)	4,274.83	185.81
28 23 00 00-0993		Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 23 00 00-0986)*		
28 23 00 00-0994	EA	6 x 10, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10W)	3,204.85	185.81
28 23 00 00-0995	EA	5.6 x 20, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20W)	3,619.57	185.81
28 23 00 00-0996	EA	5.5 x 30, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30W)	4,196.03	185.81
28 23 00 00-0997	EA	6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PW)	3,294.01	185.81
28 23 00 00-0998	EA	5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PW)	3,727.40	185.81
28 23 00 00-0999	EA	5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PW)	4,303.86	185.81
28 23 00 00-1000		Esprit® KWZ, Pan/Tilt Camera Systems *(28 23 00 00-0935)*		
28 23 00 00-1001		Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 23 00 00-1000)*		
28 23 00 00-1002		Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 23 00 00-1001)*		
28 23 00 00-1003	EA	5.5 x 30, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30N)	4,258.93	185.81
28 23 00 00-1004	EA	6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PN)	3,356.91	185.81
28 23 00 00-1005	EA	5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PN)	4,366.76	185.81
28 23 00 00-1006		Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 23 00 00-1001)*		
28 23 00 00-1007	EA	6 x 10, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10W)	3,296.09	185.81
28 23 00 00-1008	EA	5.5 x 30, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30W)	4,287.96	185.81
28 23 00 00-1009	EA	6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PW)	3,385.94	185.81
28 23 00 00-1010	EA	5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ20PW)	3,819.33	185.81
28 23 00 00-1011	EA	5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PW)	4,395.79	185.81
28 23 00 00-1012		Esprit® IOC, Pan/Tilt Camera Systems *(28 23 00 00-0935)*		
28 23 00 00-1013		Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 23 00 00-1012)*		
28 23 00 00-1014		Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 23 00 00-1013)*		
28 23 00 00-1015	EA	16X, Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2N)	3,585.70	185.81
28 23 00 00-1016		Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 23 00 00-1013)*		

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28 23 00 00-1017	EA	16X, Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2W)	3,614.04	185.81
28 23 00 00-1018		High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 23 00 00-1012)*		
28 23 00 00-1019		Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 23 00 00-1018)*		
28 23 00 00-1020	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2N)	4,258.93	185.81
28 23 00 00-1021	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2N)	4,117.92	185.81
28 23 00 00-1022	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2N)	4,681.25	185.81
28 23 00 00-1023		Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 23 00 00-1018)*		
28 23 00 00-1024	EA	22X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2W)	4,286.58	185.81
28 23 00 00-1025	EA	24X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2W)	4,117.92	185.81
28 23 00 00-1026	EA	35X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2W)	4,712.36	185.81
28 23 00 00-1027		Esprit® IOP, Pan/Tilt Camera Systems *(28 23 00 00-0935)*		
28 23 00 00-1028		High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 23 00 00-1027)*		
28 23 00 00-1029		Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 23 00 00-1028)*		
28 23 00 00-1030	EA	16X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2N)	2,756.95	185.81
28 23 00 00-1031	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2N)	3,430.87	185.81
28 23 00 00-1032	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2N)	3,291.94	185.81
28 23 00 00-1033	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2N)	3,730.85	185.81
28 23 00 00-1034		Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 23 00 00-1028)*		
28 23 00 00-1035	EA	16X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2W)	2,784.60	185.81
28 23 00 00-1036	EA	22X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2W)	3,459.21	185.81
28 23 00 00-1037	EA	24X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2W)	3,320.28	185.81
28 23 00 00-1038	EA	35X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2W)	3,761.96	185.81
28 23 00 00-1039		Esprit® Thermal, Pan/Tilt Camera Systems *(28 23 00 00-0935)*		
28 23 00 00-1040		Esprit® Thermal, Pan/Tilt Camera Systems *(28 23 00 00-1039)*		
28 23 00 00-1041		Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera Systems *(28 23 00 00-1040)*		
28 23 00 00-1042	EA	14.25 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2N)	17,725.58	185.81
28 23 00 00-1043	EA	35 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2N)	19,061.67	185.81
28 23 00 00-1044	EA	50 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2N)	19,510.26	185.81
28 23 00 00-1045		Wall Mount, Esprit® Thermal, Pan/Tilt Camera Systems *(28 23 00 00-1040)*		
28 23 00 00-1046	EA	14.25 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2W)	17,754.61	185.81
28 23 00 00-1047	EA	35 mm, 30 Hz, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2W)	19,090.01	185.81
28 23 00 00-1048	EA	50 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2W)	19,538.60	185.81
28 23 00 00-1049		Accessories For Esprit® Pan/Tilt Camera Systems *(28 23 00 00-0935)*		
28 23 00 00-1050	EA	Wiper Blade Replacement For Esprit® Systems (Pelco ES-REPLBLADE)	7.79	2.07
28 23 00 00-1051	EA	Marine Mounting Kit For Esprit® Systems (Pelco ES-MKIT)	44.83	10.32
28 23 00 00-1052	EA	Indoor/Outdoor Wall Mount For Esprit® Systems (Pelco EWM)	69.72	10.32
28 23 00 00-1053	EA	Wall Mount For High Security Enclosures (Pelco HSWM12)	88.38	10.32
28 23 00 00-1054	EA	Ground Isolation Transformer (Pelco GIT100)	258.63	28.20
28 23 00 00-1055	EA	High Security, Indoor Wedge Style Enclosure (Pelco HS2100)	255.18	28.20
28 23 00 00-1056	EA	High Security, Indoor 10" Length Enclosure (Pelco HS3000)	309.09	28.20
28 23 00 00-1057	EA	High Security, Indoor Medium Corner Mount Enclosure (Pelco HS1500)	564.83	28.20
28 23 00 00-1058	EA	High Security, Ceiling Mount, Lexan Window, Aluminum Enclosure (Pelco HS8080)	239.97	28.20
28 23 00 00-1059	EA	High Security, Ceiling Mount, Lexan Window, Steel Enclosure (Pelco HS8134)	454.93	28.20
28 23 00 00-1060	EA	Bullet-Resistant, Outdoor Enclosure (Pelco HS4514)	959.51	28.20
28 23 00 00-1061	EA	Bullet-Resistant, Outdoor Enclosure With Mount (Pelco HS4514/MT)	1,139.91	28.20
28 23 00 00-1062	EA	24X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW24)	1,180.69	28.20
28 23 00 00-1063	EA	35X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW35)	1,244.98	28.20
28 23 00 00-1064	EA	24 VAC, Esprit® Pan Tilt Enclosure Receiver (Pelco ES3012-2)	2,079.25	28.20
28 23 00 00-1065	EA	115/230 VAC, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-5)	2,079.25	28.20
28 23 00 00-1066	EA	24 VAC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2N)	2,099.99	28.20
28 23 00 00-1067	EA	120 VAC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-5N)	2,099.99	28.20
28 23 00 00-1068	EA	24 VAC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2W)	2,129.02	28.20
28 23 00 00-1069	EA	120 VAC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-5W)	2,129.02	28.20
28 23 00 00-1070	EA	30X, 24 VAC, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30)	3,895.73	28.20
28 23 00 00-1071	EA	30X, 24 VAC, Preset Positioning, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30P)	4,003.55	28.20
28 23 00 00-1072	EA	Esprit® Camera Pole Mount Adapter (Pelco EPM)	63.42	6.65
28 23 00 00-1073	EA	Pole Mount Adapter For Esprit® Systems (Pelco EPM)	63.42	6.65
28 23 00 00-1074		Camera Lenses *(28 23 00 00-0564)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-1075		Fixed Focus Camera Lenses *(28 23 00 00-1074)* Note: 1/3" format and manual focus.		
28 23 00 00-1076		Manual Iris, Fixed Focus Camera Lenses *(28 23 00 00-1075)*		
28 23 00 00-1077	EA	2.3 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.3)	113.41	9.69
28 23 00 00-1078	EA	2.8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.8)	94.06	9.69
28 23 00 00-1079	EA	4 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA4)	84.38	9.69
28 23 00 00-1080	EA	8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA8)	82.31	9.69
28 23 00 00-1081		Direct Drive Auto Iris, Fixed Focus Camera Lenses *(28 23 00 00-1075)* Note: Includes spot filter. Excludes amplifier.		
28 23 00 00-1082	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.3)	141.75	9.69
28 23 00 00-1083	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.8)	113.41	9.69
28 23 00 00-1084	EA	4 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD4)	106.50	9.69
28 23 00 00-1085	EA	8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD8)	76.08	9.69
28 23 00 00-1086		Video Drive Auto Iris, Fixed Focus Camera Lenses *(28 23 00 00-1075)* Note: Includes LDC100 adapter to convert DC auto iris to video drive.		
28 23 00 00-1087	EA	2.3 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.3S)	167.32	9.69
28 23 00 00-1088	EA	2.8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.8S)	138.29	9.69
28 23 00 00-1089	EA	4 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV4S)	131.38	9.69
28 23 00 00-1090	EA	8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV8S)	125.85	9.69
28 23 00 00-1091		Varifocal Camera Lenses *(28 23 00 00-1074)* Note: 1/3" format and manual focus and zoom.		
28 23 00 00-1092		Manual Iris, Varifocal Camera Lenses *(28 23 00 00-1091)*		
28 23 00 00-1093	EA	1.6-3.4 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA1-3)	170.78	9.69
28 23 00 00-1094	EA	2.5-6 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.5-6)	132.76	9.69
28 23 00 00-1095	EA	2.8-12 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.8-12)	103.04	9.69
28 23 00 00-1096	EA	3-8 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA3-8)	90.60	9.69
28 23 00 00-1097	EA	5.5-82.5 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5.5-82.5)	236.44	9.69
28 23 00 00-1098	EA	5-40 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-40)	136.22	9.69
28 23 00 00-1099	EA	5-50 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-50)	165.94	9.69
28 23 00 00-1100		Direct Drive Auto Iris, Varifocal Camera Lenses *(28 23 00 00-1091)* Note: Includes spot filter.		
28 23 00 00-1101	EA	1.6-3.4 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD1-3)	200.50	9.69
28 23 00 00-1102	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.5-6)	175.62	9.69
28 23 00 00-1103	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.8-12)	131.38	9.69
28 23 00 00-1104	EA	3-8 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD3-8)	94.75	9.69
28 23 00 00-1105	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5.5-82.5)	257.87	9.69
28 23 00 00-1106	EA	5-40 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-40)	151.43	9.69
28 23 00 00-1107	EA	5-50 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-50)	198.43	9.69
28 23 00 00-1108		Video Drive Auto Iris, Varifocal Camera Lenses *(28 23 00 00-1091)* Note: Includes spot filter.		
28 23 00 00-1109	EA	1.6-3.4 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV1-3S)	226.08	9.69
28 23 00 00-1110	EA	2.5-6 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV2.5-6S)	200.50	9.69
28 23 00 00-1111	EA	3-8 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV3-8S)	120.32	9.69
28 23 00 00-1112	EA	5-50 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV5-50S)	223.31	9.69
28 23 00 00-1113		Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lenses *(28 23 00 00-1091)*		
28 23 00 00-1114	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR3-8.5)	111.34	9.69
28 23 00 00-1115	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR7.5-50)	174.24	9.69
28 23 00 00-1116		Motorized Zoom Camera Lenses *(28 23 00 00-1074)* Note: 1/3" format.		
28 23 00 00-1117		Manual Iris, Motorized Zoom Camera Lenses *(28 23 00 00-1116)*		
28 23 00 00-1118	EA	8X Zoom, 6-48 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X8)	410.63	9.69
28 23 00 00-1119	EA	10X Zoom, 6-60 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X10)	512.92	9.69
28 23 00 00-1120	EA	15X Zoom, 6-90 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X15)	546.79	9.69
28 23 00 00-1121		Direct Drive Auto Iris, Motorized Zoom Camera Lenses *(28 23 00 00-1116)* Note: Includes spot filter.		
28 23 00 00-1122	EA	6X Zoom, 6-48 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X8)	395.42	9.69
28 23 00 00-1123	EA	10X Zoom, 6-60 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X10)	475.60	9.69
28 23 00 00-1124	EA	15X Zoom, 6-90 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X15)	604.16	9.69
28 23 00 00-1125	EA	20X Zoom, 5.6-112 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.6X20)	891.01	9.69
28 23 00 00-1126	EA	30X Zoom, 5.5-165 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.5X30)	1,467.47	9.69
28 23 00 00-1127		Video Drive Auto Iris, Motorized Zoom Camera Lenses *(28 23 00 00-1116)* Note: Includes spot filter.		
28 23 00 00-1128	EA	8X Zoom, 6-48 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X8S)	420.99	9.69
28 23 00 00-1129	EA	10X Zoom, 6-60 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X10S)	501.17	9.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-1130	EA	15X Zoom, 6-90 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X15S)	629.74	9.69
28 23 00 00-1131	EA	20X Zoom, 5.6-112 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.6X20S)	916.58	9.69
28 23 00 00-1132	EA	30X Zoom, 5.5-165 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.5X30S)	1,492.35	9.69
28 23 00 00-1133		Camera Power Supplies *(28 23 00 00-0564)*		
28 23 00 00-1134	EA	20 VA, 24 VAC, Camera Power Transformer (Pelco TF2000)	28.95	8.26
28 23 00 00-1135	EA	50 VA, 24 VAC, Camera Power Transformer (Pelco TF9000)	49.69	8.26
28 23 00 00-1136	EA	2 Amp, 4 Outputs, Camera Power Supply (Pelco MCS4-2)	109.75	16.51
28 23 00 00-1137	EA	5 Amp, 8 Outputs, Camera Power Supply (Pelco MCS8-5)	151.85	24.78
28 23 00 00-1138	EA	10 Amp, 16 Outputs, Camera Power Supply (Pelco MCS16-10)	218.83	33.03
		For Switchable Outputs, Add	*91.66*	
28 23 00 00-1139	EA	20 Amp, 16 Outputs, Camera Power Supply (Pelco MCS16-20)	270.59	41.29
		For Switchable Outputs, Add	*112.81*	
28 23 00 00-1140		Camera Illuminators *(28 23 00 00-0564)*		
28 23 00 00-1141		Camera Illuminators *(28 23 00 00-1140)*		
		Note: Includes lamp and mounting bracket.		
28 23 00 00-1142	EA	Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27MF)	1,091.95	16.51
28 23 00 00-1143	EA	Infrared Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27NS)	1,091.95	16.51
28 23 00 00-1144	EA	Flood Lamp, Low Light Level Camera Illuminator (Pelco LL27WF)	1,091.95	16.51
28 23 00 00-1145		Camera Illuminator Accessories *(28 23 00 00-1140)*		
28 23 00 00-1146	EA	Replacement Lamp For Low Light Level Camera Illuminator (Pelco PAR56)	91.78	16.51
28 23 00 00-1147		Camera Receivers *(28 23 00 00-0564)*		
28 23 00 00-1148	EA	24 VAC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9024RX-PP)	1,061.81	28.20
28 23 00 00-1149	EA	120 VAC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9115RX-PP)	1,061.81	28.20
28 23 00 00-1150		Pan And Tilt Drives *(28 23 00 00-0564)*		
28 23 00 00-1151	EA	15 LB Load, 24 VAC, Outdoor Pan And Tilt Drive (Pelco PT270-24P)	754.94	61.93
28 23 00 00-1152	EA	40 LB Load, 24/120 VAC, Outdoor Pan And Tilt Drive (Pelco PT570-24P)	956.77	61.93
		For Preset Positioning, Add	*165.00*	
28 23 00 00-1153	EA	100 LB Load, 120 VAC, Outdoor Pan And Tilt Drive (Pelco PT1250P)	2,015.68	61.93
		For Preset Positioning, Add	*165.00*	
28 23 00 00-1154	EA	100 LB Load, 120 VDC, Outdoor Pan And Tilt Drive (Pelco PT1250DC)	2,302.53	61.93
		For Preset Positioning, Add	*165.00*	
28 23 00 00-1155	EA	100 LB Load, 120 VDC, 360 Degree Outdoor Pan And Tilt Drive (Pelco PT1280SL)	2,663.34	61.93
		For Preset Positioning, Add	*165.00*	
28 23 00 00-1156	EA	100 LB Load, 120 VDC, Explosion Proof Outdoor Pan And Tilt Drive (Pelco PT1260EX)	3,430.57	61.93
		For Preset Positioning, Add	*165.00*	
28 23 00 00-1157		Scanners *(28 23 00 00-0564)*		
28 23 00 00-1158	EA	35 LB Load, 24 VAC, Indoor/Outdoor Scanner (Pelco PS20-24)	860.69	61.93
		For Wall Mount, Add	*39.05*	
		For Pressure Sensor Alarm, Add	*51.15*	
28 23 00 00-1159	EA	35 LB Load, 120 VAC, Indoor/Outdoor Scanner (Pelco PS20)	904.23	61.93
		For Wall Mount, Add	*39.05*	
		For Pressure Sensor Alarm, Add	*51.15*	
28 23 00 00-1160		Camera Monitors *(28 23 00 00-0563)*		
28 23 00 00-1161		Camera Monitors *(28 23 00 00-1160)*		
28 23 00 00-1162		Monochrome Camera Monitors *(28 23 00 00-1161)*		
28 23 00 00-1163	EA	9" Monochrome Camera Monitor (Pelco PMM9A)	167.86	12.39
28 23 00 00-1164	EA	12" Monochrome Camera Monitor (Pelco PMM12A)	192.05	12.39
28 23 00 00-1165	EA	15" Monochrome Camera Monitor (Pelco PMM15A)	294.35	12.39
28 23 00 00-1166	EA	20" Monochrome Camera Monitor (Pelco PMM20A)	473.37	12.39
28 23 00 00-1167		Color Camera Monitors *(28 23 00 00-1161)*		
28 23 00 00-1168	EA	9", High Resolution Color, Camera Monitor (Pelco PMC9A)	534.19	12.39
28 23 00 00-1169	EA	15", High Resolution Color, Camera Monitor (Pelco PMCS15A)	433.28	12.39
28 23 00 00-1170	EA	17", High Resolution Color, Camera Monitor (Pelco PMCS17A)	629.58	12.39
28 23 00 00-1171	EA	19", High Resolution Color, Camera Monitor (Pelco PMCS19A)	836.94	12.39
28 23 00 00-1172		LCD Camera Monitors *(28 23 00 00-1160)*		
28 23 00 00-1173		VGA Signal, Color LCD Camera Monitors (Pelco 200 Series) *(28 23 00 00-1172)*		
		Note: Displays VGA computer signals.		
28 23 00 00-1174	EA	17", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL217)	604.01	12.39
28 23 00 00-1175	EA	19", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL219)	786.48	12.39
28 23 00 00-1176		Multimode, Color LCD Camera Monitors (Pelco 300 Series) *(28 23 00 00-1172)*		
		Note: Displays VGA computer signals and/or composite video signals.		
28 23 00 00-1177	EA	15", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL315)	686.95	12.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-1178	EA	17", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL317)	822.42	12.39
28 23 00 00-1179	EA	19", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL319)	1,011.81	12.39
28 23 00 00-1180		Multimode With PIP, Color LCD Camera Monitors (Pelco 400 Series) *(28 23 00 00-1172)*		
		Note: Displays VGA computer signals and/or composite video signals. Includes picture in picture option.		
28 23 00 00-1181	EA	15", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL415)	881.87	12.39
28 23 00 00-1182	EA	17", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL417)	1,022.87	12.39
28 23 00 00-1183	EA	19", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL419)	1,283.46	12.39
28 23 00 00-1184		Camera Monitor Mounting Accessories *(28 23 00 00-1160)*		
28 23 00 00-1185		Camera Monitor Mounts *(28 23 00 00-1184)*		
28 23 00 00-1186	EA	Up To 14", Camera Monitor Mount (Pelco)	205.83	16.51
28 23 00 00-1187	EA	>14" To 17", Camera Monitor Mount (Pelco)	239.70	16.51
28 23 00 00-1188	EA	>17" To 21", Camera Monitor Mount (Pelco)	281.17	16.51
28 23 00 00-1189		Camera Monitor Rack Mount Kits *(28 23 00 00-1184)*		
28 23 00 00-1190	EA	Camera Monitor Rack Mount Kit (Pelco PMCL-RM)	124.96	16.51
28 23 00 00-1191		Video Transmission Equipment *(28 23 00 00-0563)*		
28 23 00 00-1192		UTP Cable, Video Transmission Equipment *(28 23 00 00-1191)*		
28 23 00 00-1193		UTP Cable, Active Video Receivers *(28 23 00 00-1192)*		
28 23 00 00-1194	EA	Single Channel, UTP Cable, Active Video Receiver (Pelco TW3001AR)	259.02	20.64
28 23 00 00-1195	EA	Four Channel, UTP Cable, Active Video Receiver (Pelco TW3004AR)	890.08	20.64
28 23 00 00-1196	EA	Eight Channel, 4 Outputs, UTP Cable, Active Video Receiver (Pelco TW3008AR-4-US)	1,750.63	20.64
28 23 00 00-1197	EA	Sixteen Channel, UTP Cable, Active Video Receiver (Pelco TW3016AR1-US)	2,875.21	20.64
28 23 00 00-1198	EA	Sixteen Channel, 2 Outputs, UTP Cable, Active Video Receiver (Pelco TW3016AR-2-US)	3,356.98	20.64
28 23 00 00-1199		UTP Cable, Passive Video Transceivers *(28 23 00 00-1192)*		
28 23 00 00-1200	EA	Single Channel, UTP Cable, Passive Video Transceiver (Pelco TW3001P)	76.54	20.64
28 23 00 00-1201	EA	Four Channel, UTP Cable, Passive Video Transceiver (Pelco TW3004P)	259.02	20.64
28 23 00 00-1202	EA	Eight Channel, UTP Cable, Passive Video Transceiver (Pelco TW3008P)	477.44	20.64
28 23 00 00-1203	EA	Sixteen Channel, UTP Cable, Passive Video Transceiver (Pelco TW3016P)	907.36	20.64
28 23 00 00-1204	EA	Thirty Two Channel, UTP Cable, Passive Video Transceiver (Pelco TW3032P)	1,774.13	20.64
28 23 00 00-1205		UTP Cable, Active Video Transmitters *(28 23 00 00-1192)*		
28 23 00 00-1206	EA	Single Channel, UTP Cable, Active Video Transmitter (Pelco TW3001AT)	270.77	20.64
28 23 00 00-1207		Fiber Optics, Video Transmission Equipment *(28 23 00 00-1191)*		
28 23 00 00-1208		Data Only, Fiber Optics Transmission Equipment *(28 23 00 00-1207)*		
28 23 00 00-1209		Bidirectional Data, Fiber Optics Transmitters *(28 23 00 00-1208)*		
28 23 00 00-1210	EA	Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AS)	1,567.28	41.29
28 23 00 00-1211	EA	Single-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AM)	642.45	41.29
28 23 00 00-1212	EA	Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104S)	1,146.34	41.29
28 23 00 00-1213	EA	Four-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104M)	791.75	41.29
28 23 00 00-1214		Bidirectional Data, Fiber Optics Receivers *(28 23 00 00-1208)*		
28 23 00 00-1215	EA	Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AS)	1,567.28	41.29
28 23 00 00-1216	EA	Single-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AM)	642.45	41.29
28 23 00 00-1217	EA	Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104S)	1,146.34	41.29
28 23 00 00-1218	EA	Four-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104M)	791.75	41.29
28 23 00 00-1219		Video Only, Fiber Optics Transmission Equipment *(28 23 00 00-1207)*		
28 23 00 00-1220		Digitally Encoded Video, Fiber Optics Transmitters *(28 23 00 00-1219)*		
28 23 00 00-1221	EA	Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AS)	697.75	41.29
28 23 00 00-1222	EA	Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AM)	306.53	41.29
28 23 00 00-1223	EA	Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304S)	1,927.39	41.29
28 23 00 00-1224	EA	Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304M)	1,160.16	41.29
28 23 00 00-1225	EA	Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308S)	3,154.96	41.29
28 23 00 00-1226	EA	Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308M)	2,624.12	41.29
28 23 00 00-1227	EA	Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316S)	7,827.48	41.29
28 23 00 00-1228	EA	Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316M)	6,966.93	41.29
28 23 00 00-1229		Digitally Encoded Video, Fiber Optics Receivers *(28 23 00 00-1219)*		
28 23 00 00-1230	EA	Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AS)	697.75	41.29
28 23 00 00-1231	EA	Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AM)	306.53	41.29
28 23 00 00-1232	EA	Two-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AS)	1,188.50	41.29
28 23 00 00-1233	EA	Two-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AM)	484.17	41.29
28 23 00 00-1234	EA	Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304S)	1,927.39	41.29
28 23 00 00-1235	EA	Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304M)	1,160.16	41.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-1236	EA	Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308S)	3,154.96	41.29
28 23 00 00-1237	EA	Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308M)	2,624.12	41.29
28 23 00 00-1238	EA	Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316S)	7,827.48	41.29
28 23 00 00-1239	EA	Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316M)	6,966.93	41.29
28 23 00 00-1240		Video And Data, Fiber Optics Transmission Equipment *(28 23 00 00-1207)*		
28 23 00 00-1241		Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitters *(28 23 00 00-1240)*		
28 23 00 00-1242	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AS)	1,200.25	41.29
28 23 00 00-1243	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AM)	717.10	41.29
28 23 00 00-1244	EA	Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041S)	2,789.32	41.29
28 23 00 00-1245	EA	Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041M)	2,415.38	41.29
28 23 00 00-1246	EA	Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081S)	4,512.48	41.29
28 23 00 00-1247	EA	Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081M)	3,272.47	41.29
28 23 00 00-1248		Digitally Encoded Video With Bidirectional Data, Fiber Optics Receivers *(28 23 00 00-1240)*		
28 23 00 00-1249	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AS)	1,200.25	41.29
28 23 00 00-1250	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AM)	717.10	41.29
28 23 00 00-1251	EA	Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041S)	2,789.32	41.29
28 23 00 00-1252	EA	Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041M)	2,415.38	41.29
28 23 00 00-1253	EA	Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081S)	4,512.48	41.29
28 23 00 00-1254	EA	Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081M)	3,272.47	41.29
28 23 00 00-1255		Video, Audio And Data, Fiber Optics Transmission Equipment *(28 23 00 00-1207)*		
28 23 00 00-1256		Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitters *(28 23 00 00-1255)*		
28 23 00 00-1257	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011S)	1,545.16	41.29
28 23 00 00-1258	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011M)	1,229.97	41.29
28 23 00 00-1259		Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receivers *(28 23 00 00-1255)*		
28 23 00 00-1260	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011S)	1,545.16	41.29
28 23 00 00-1261	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011M)	1,229.97	41.29
28 23 00 00-1262		Video Amplifiers *(28 23 00 00-1191)*		
28 23 00 00-1263		Video Distribution Amplifiers *(28 23 00 00-1262)*		
28 23 00 00-1264	EA	1 Input, 4 Outputs, Video Distribution Amplifier (Pelco DA104DT)	191.37	10.32
28 23 00 00-1265	EA	16 Channel, Master, Video Distribution Amplifier (Pelco CM9760-MDA) Note: Inserts time-date and title on up to 16 video inputs.	1,548.88	10.32
28 23 00 00-1266		Video Equalizing Amplifiers *(28 23 00 00-1262)*		
28 23 00 00-1267	EA	Video Equalizing Amplifier (Pelco EA2010)	207.96	10.32
28 23 00 00-1268	EA	Half-Duplex, Video Equalizing Amplifier (Pelco EA2000)	326.15	10.32
28 23 00 00-1269		Network Video Equipment *(28 23 00 00-0563)*		
28 23 00 00-1270		Video Encoders/Decoders *(28 23 00 00-1269)*		
28 23 00 00-1271	EA	MPEG4 IP Video Receiver (Pelco NET300R)	771.02	20.64
28 23 00 00-1272	EA	MPEG4 IP Video Transmitter (Pelco NET300T)	771.02	20.64
28 23 00 00-1273	EA	MPEG4 IP Video Receiver With Audio (Pelco NET350R)	887.14	20.64
28 23 00 00-1274	EA	MPEG4 IP Video Transmitter With Audio And Local Storage (Pelco NET350T)	887.14	20.64
28 23 00 00-1275		Network Video Recorders *(28 23 00 00-1269)*		
28 23 00 00-1276	EA	16 Device Or 100MBPS, Network Video Recorder (Pelco NVR316)	4,869.83	41.29
28 23 00 00-1277	EA	32 Device Or 100MBPS, Network Video Recorder (Pelco NVR332)	5,666.78	41.29
28 23 00 00-1278	EA	64 Device Or 100MBPS, Network Video Recorder (Pelco NVR364)	7,262.07	41.29
28 23 00 00-1279	EA	64 Device Or 100MBPS, PelcoNet Network Video Recorder (Pelco NVR300)	4,809.70	41.29

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-1280		Network Video Recorder Software *(28 23 00 00-1269)*		
28 23 00 00-1281	EA	10 User, License Pack (Pelco VMX300-LIC-10)	481.08	
28 23 00 00-1282	EA	20 User, License Pack (Pelco VMX300-LIC-20)	867.46	
28 23 00 00-1283	EA	50 User, License Pack (Pelco VMX300-LIC-50)	1,926.37	
28 23 00 00-1284	EA	100 User, License Pack (Pelco VMX300-LIC-100)	3,369.60	
28 23 00 00-1285	EA	10 User, Enterprise License Pack (Pelco VMX300-E-LIC10)	803.17	
28 23 00 00-1286	EA	20 User, Enterprise License Pack (Pelco VMX300-E-LIC20)	1,444.61	
28 23 00 00-1287	EA	50 User, Enterprise License Pack (Pelco VMX300-E-LIC50)	3,210.62	
28 23 00 00-1288	EA	100 User, Enterprise License Pack (Pelco VMX300-E-LIC100)	5,617.38	
28 23 00 00-1289	EA	200 User, Enterprise License Pack (Pelco VMX300-E-LIC200)	9,629.11	
28 23 00 00-1290	EA	500 User, Enterprise License Pack (Pelco VMX300-E-LIC500)	20,060.01	
28 23 00 00-1291	EA	0 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-0)	4,334.52	
28 23 00 00-1292	EA	1 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-1)	4,602.02	
28 23 00 00-1293	EA	4 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-4)	7,277.65	
28 23 00 00-1294	EA	0 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-0)	4,816.29	
28 23 00 00-1295	EA	1 Analog Input, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-1)	5,083.78	
28 23 00 00-1296	EA	4 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-4)	7,758.04	
28 23 00 00-1297	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-0)	4,655.93	
28 23 00 00-1298	EA	1 Analog Input, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-1)	4,924.12	
28 23 00 00-1299	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-4)	7,599.06	
28 23 00 00-1300	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-0)	5,457.72	
28 23 00 00-1301	EA	1 Analog Input, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-1)	5,725.22	
28 23 00 00-1302	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-4)	8,400.85	
28 23 00 00-1303		Video Recording Equipment *(28 23 00 00-0563)*		
28 23 00 00-1304		Digital Video Recorders *(28 23 00 00-1303)*		
28 23 00 00-1305	EA	8 Channel, 1 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4608DVD-1000) Note: Includes 8 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 240 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	3,920.81	41.29
28 23 00 00-1306	EA	8 Channel, 2 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4608DVD-2000) Note: Includes 8 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 240 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	5,297.68	41.29
28 23 00 00-1307	EA	8 Channel, 3 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4608DVD-3000) Note: Includes 8 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 240 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	6,674.55	41.29
28 23 00 00-1308	EA	16 Channel, 1 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4616DVD-1000) Note: Includes 16 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 480 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	4,494.51	41.29
28 23 00 00-1309	EA	16 Channel, 2 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4616DVD-2000) Note: Includes 16 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 480 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	5,871.38	41.29
28 23 00 00-1310	EA	16 Channel, 3 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4616DVD-3000) Note: Includes 16 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 480 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	7,248.25	41.29
28 23 00 00-1311	EA	8 Channel, 1TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-1000A)	7,624.26	41.29
28 23 00 00-1312	EA	8 Channel, 2 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-2000A)	10,454.04	41.29
28 23 00 00-1313	EA	8 Channel, 3 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-3000A)	13,284.50	41.29
28 23 00 00-1314	EA	16 Channel, 1 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-1000A)	9,178.77	41.29
28 23 00 00-1315	EA	16 Channel, 2 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-2000A)	12,008.54	41.29
28 23 00 00-1316	EA	16 Channel, 3 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-3000A)	14,839.01	41.29
28 23 00 00-1317	EA	24 Channel, 1 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-1000A)	10,033.79	41.29
28 23 00 00-1318	EA	24 Channel, 2 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-2000A)	12,863.56	41.29
28 23 00 00-1319	EA	24 Channel, 3 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-3000A)	15,694.02	41.29
28 23 00 00-1320	EA	32 Channel, 1 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-1000A)	11,588.30	41.29
28 23 00 00-1321	EA	32 Channel, 2 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-2000A)	14,418.07	41.29
28 23 00 00-1322	EA	32 Channel, 3 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-3000A)	17,248.53	41.29
28 23 00 00-1323	EA	16 Channel, 30 IPS, Digital Video Recorder (Pelco DX9116F-1500)	8,415.89	41.29
28 23 00 00-1324		Digital Video Recorder Accessories *(28 23 00 00-1303)*		
28 23 00 00-1325	EA	16 Channel, Multiplexed Analog Output Display Card (Pelco DX8000-MUX16)	746.13	20.64
28 23 00 00-1326		Matrix Systems And Controls *(28 23 00 00-0563)*		
28 23 00 00-1327		Video Multiplexers *(28 23 00 00-1326)*		
28 23 00 00-1328		Monochrome Duplex, Video Multiplexers *(28 23 00 00-1327)*		
28 23 00 00-1329	EA	9 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4009MD)	1,405.54	41.29
28 23 00 00-1330	EA	16 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4016MD)	1,328.81	41.29
28 23 00 00-1331		Color Duplex, Video Multiplexers *(28 23 00 00-1327)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-1332	EA	4 Channel, Color Duplex, Video Multiplexer (Pelco MX4004CD)	951.42	41.29
28 23 00 00-1333	EA	9 Channel, Color Duplex, Video Multiplexer (Pelco MX4009CD)	1,809.20	41.29
28 23 00 00-1334	EA	16 Channel, Color Duplex, Video Multiplexer (Pelco MX4016CD)	1,960.57	41.29
28 23 00 00-1335		Color Simplex, Video Multiplexers *(28 23 00 00-1327)*		
28 23 00 00-1336	EA	9 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4009CS)	1,521.66	41.29
28 23 00 00-1337	EA	16 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4016CS)	1,776.02	41.29
28 23 00 00-1338		Video Multiplexer Accessories *(28 23 00 00-1327)*		
28 23 00 00-1339	EA	Pushbutton/Joystick Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4000)	842.70	28.20
28 23 00 00-1340	EA	Pushbutton Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4002)	498.48	28.20
28 23 00 00-1341	EA	Video Multiplexer Server (Pelco MX4000SVR)	1,405.54	41.29
28 23 00 00-1342		Quad Video Processor *(28 23 00 00-1326)*		
28 23 00 00-1343	EA	Monochrome, Quad Video Processor (Pelco QD104M)	435.97	20.64
28 23 00 00-1344	EA	Color, Quad Video Processor (Pelco QD104C)	712.45	20.64
28 23 00 00-1345		Switcher *(28 23 00 00-1326)*		
28 23 00 00-1346		Terminating Manual Switchers *(28 23 00 00-1345)*		
28 23 00 00-1347		Terminating Manual Switchers *(28 23 00 00-1346)*		
28 23 00 00-1348	EA	4 Inputs, Terminating Manual Switcher (Pelco MS504DT)	152.61	16.51
28 23 00 00-1349	EA	8 Inputs, Terminating Manual Switcher (Pelco MS508DT)	206.52	16.51
28 23 00 00-1350	EA	12 Inputs, Terminating Manual Switcher (Pelco MS512DT)	250.76	16.51
28 23 00 00-1351	EA	18 Inputs, Terminating Manual Switcher (Pelco MS518DT)	409.04	16.51
28 23 00 00-1352		Audio Follow, Terminating Manual Switchers *(28 23 00 00-1346)*		
28 23 00 00-1353	EA	4 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS504AF)	196.84	16.51
28 23 00 00-1354	EA	8 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS508AF)	345.45	16.51
28 23 00 00-1355	EA	18 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS518AF)	601.89	16.51
28 23 00 00-1356		Balanced Audio Follow, Terminating Manual Switchers *(28 23 00 00-1346)*		
28 23 00 00-1357	EA	4 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS504BAF)	262.51	16.51
28 23 00 00-1358	EA	8 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS508BAF)	479.55	16.51
28 23 00 00-1359		Looping Manual Switchers *(28 23 00 00-1345)*		
28 23 00 00-1360		Looping Manual Switchers *(28 23 00 00-1359)*		
28 23 00 00-1361	EA	4 Inputs, Looping Manual Switcher (Pelco MS504LDT)	170.58	16.51
28 23 00 00-1362	EA	8 Inputs, Looping Manual Switcher (Pelco MS508LDT)	233.48	16.51
28 23 00 00-1363	EA	12 Inputs, Looping Manual Switcher (Pelco MS512LDT)	297.07	16.51
28 23 00 00-1364	EA	18 Inputs, Looping Manual Switcher (Pelco MS518LDT)	488.53	16.51
28 23 00 00-1365		Audio Follow, Looping Manual Switchers *(28 23 00 00-1359)*		
28 23 00 00-1366	EA	4 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS504AFL)	212.05	16.51
28 23 00 00-1367	EA	8 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS508AFL)	368.95	16.51
28 23 00 00-1368	EA	12 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS512AFL)	505.81	16.51
28 23 00 00-1369		Balanced Audio Follow, Looping Manual Switchers *(28 23 00 00-1359)*		
28 23 00 00-1370	EA	4 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS504BAFL)	281.17	16.51
28 23 00 00-1371	EA	8 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS508BAFL)	507.88	16.51
28 23 00 00-1372	EA	12 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS512BAFL)	638.52	16.51
28 23 00 00-1373		Sequential Switchers *(28 23 00 00-1345)*		
28 23 00 00-1374		Single Output, Sequential Switchers *(28 23 00 00-1373)*		
28 23 00 00-1375	EA	4 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6104)	297.76	16.51
28 23 00 00-1376	EA	8 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6108)	442.91	16.51
28 23 00 00-1377		Dual Outputs, Sequential Switchers *(28 23 00 00-1373)*		
28 23 00 00-1378	EA	4 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6204)	371.72	16.51
28 23 00 00-1379	EA	8 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6208)	514.11	16.51
28 23 00 00-1380		Controls *(28 23 00 00-1326)*		
28 23 00 00-1381		Direct/Multi-Cable Controls *(28 23 00 00-1380)*		
28 23 00 00-1382	EA	Scanner Control Module (Pelco MPS524DT)	259.53	41.29
28 23 00 00-1383	EA	120 VAC Pan/Tilt Control Module (Pelco MPT115DT)	276.81	41.29
28 23 00 00-1384	EA	24 VAC Pan/Tilt Control Module (Pelco MPT24DT)	306.53	41.29
28 23 00 00-1385	EA	Motorized Zoom Lens Control Module (Pelco MLZ6DT)	320.35	41.29
28 23 00 00-1386	EA	120 VAC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ115DT)	502.83	41.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-1387	EA	24 VAC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ24DT)	553.29	41.29
28 23 00 00-1388		**Coaxitron Controls** *(28 23 00 00-1380)*		
28 23 00 00-1389	EA	Desktop Keyboard, Fixed Speed Coaxitron Controller And Transmitter (Pelco KBD9000)	369.92	28.20
28 23 00 00-1390	EA	8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9000)	695.47	28.20
28 23 00 00-1391	EA	Integral Switcher, 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9008)	788.78	28.20
28 23 00 00-1392		**Digital Controls** *(28 23 00 00-1380)*		
28 23 00 00-1393	EA	Pushbutton Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD200A)	495.02	28.20
28 23 00 00-1394	EA	Pushbutton/Joystick Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD300A)	835.79	28.20
28 23 00 00-1395		**Lock Boxes** *(28 23 00 00-1326)*		
28 23 00 00-1396	EA	VCR Lock Box (Pelco LB1000)	303.16	30.97
		For Wall Mount, Add	*165.00*	
28 23 00 00-1397	EA	Computer Disk Drive Lock Box (Pelco LB2000)	310.07	30.97
28 23 00 00-1398	EA	VCR And Multiplexer Lock Box (Pelco LB3000) Note: Includes storage for 32 VCR tapes.	565.81	30.97

28 26 Electronic Personal Protection Systems *(28 20)*

28 26 13 Electronic Personal Safety Detection Systems *(28 26)*

28 26 13 00-0001		**Personnel Alarm Locating System** *(28 26 13)* Note: Includes a central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels, eighty (80) personal alarm transmitters with lithium batteries, eighty (80) lapel readers, two hundred fifty (250) IR locators, twenty one (21) repeaters and receivers, back boxes, cables.		
28 26 13 00-0002	EA	Personnel Alarm Locating System Note: Includes Pentium III central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels.	11,805.43	661.74
28 26 13 00-0003	EA	Personnel Alarm Transmitters With Lithium Batteries	90.84	
28 26 13 00-0004	EA	Lapel Reader	34.94	
28 26 13 00-0005	EA	IR Locator	140.37	24.78
28 26 13 00-0006	EA	Repeaters And Receivers	353.85	82.58

28 26 23 Electronic Personal Safety Emergency Aid Devices *(28 26)*

28 26 23 00-0001		**Electronic Personal Safety Emergency Aid Devices (Edwards Signaling)** *(28 26 23)*		
28 26 23 00-0002		**Call For Assistance Kits, Emergency Aid Devices (Edwards Signaling)** *(28 26 23 00-0001)*		
28 26 23 00-0003	EA	Pull Cord Call For Assistance Kit With Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7008B-N5) Note: Includes 1 high intensity strobe/buzzer (7007B-N5) and 1 emergency pull cord station (6537).	191.56	49.55
28 26 23 00-0004	EA	Push Button Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 7005-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 emergency pull cord station (6537), and 1 transformer 592.	226.79	57.81
28 26 23 00-0005	EA	Pull Cord Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6538-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 wall mounted push button (620/147-10), and 1 transformer 592.	228.25	57.81
28 26 23 00-0006		**Audible/Visual Signaling Devices, Emergency Aid Devices (Edwards Signaling)** *(28 26 23 00-0001)*		
28 26 23 00-0007	EA	High Intensity Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7007B-N5)	138.15	30.97
28 26 23 00-0008	EA	High Intensity Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6536-G5)	131.78	24.78
28 26 23 00-0009	EA	Transformer For High Intensity Strobe/Horns, Emergency Aid Devices (Edwards Signaling 592)	67.99	24.78
28 26 23 00-0010	EA	1 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-1N5)	109.13	24.78
28 26 23 00-0011	EA	2 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-2N5)	123.84	24.78
28 26 23 00-0012	EA	4 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-4G5)	139.10	24.78
28 26 23 00-0013	EA	2 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-2)	188.16	24.78
28 26 23 00-0014	EA	4 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-4)	209.27	24.78
28 26 23 00-0015		**Call Activation Devices, Emergency Aid Devices (Edwards Signaling)** *(28 26 23 00-0001)*		
28 26 23 00-0016	EA	Double Pole Single Throw Switch, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 6537)	86.45	24.78
28 26 23 00-0017	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7603E)	121.51	24.78
28 26 23 00-0018	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7613E)	155.36	24.78
28 26 23 00-0019	EA	3 Maintained Contacts, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7302)	157.09	8.26
28 26 23 00-0020	EA	Bedside Wall Station Receptacle, Emergency Aid Devices (Edwards Signaling 7930)	124.64	24.78
28 26 23 00-0021	EA	Bedside Wall Station Receptacle With Lamp, Emergency Aid Devices (Edwards Signaling 7930L)	144.88	24.78
28 26 23 00-0022	EA	Locking Button, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7932L)	237.13	24.78
28 26 23 00-0023	EA	Pendant Push Button, Emergency Aid Devices (Edwards Signaling 7620)	119.07	24.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 26 23 00-0024	EA	Single 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7675)	133.44	8.26
28 26 23 00-0025	EA	Double 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7676)	204.09	8.26
28 26 23 00-0026	EA	Single 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7685)	208.43	8.26
28 26 23 00-0027	EA	Double 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7686)	273.31	8.26

28 30 Electronic Detection And Alarm *(28)*

Note: Includes testing of new devices and certification. See CSI section 26 05 19 16-0009 for electrical connections and termination.

28 31 Fire Detection And Alarm *(28 30)*

28 31 23 Fire Detection And Alarm *(28 31)*

28 31 23 00-0001 EST3 Life Safety And Security Control *(28 31 23)*

28 31 23 00-0002 EST3 Network *(28 31 23 00-0001)*

28 31 23 00-0003 Remote Annunciators *(28 31 23 00-0002)*

28 31 23 00-0004	EA	Remote LCD Command Module Annunciator (EST3 3-LCDANN) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	815.87	61.93
28 31 23 00-0005	EA	Six Position Base Annunciator (EST3 3-6ANN) Note: Includes door, CPU card, two annunciator support modules and five blank filler plates. Space provided for up to four Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	671.10	61.93
28 31 23 00-0006	EA	Ten Position Base Annunciator (EST3 3-10ANN) Note: Includes door, CPU card, two annunciator support modules and nine blank filler plates. Space provided for up to eight Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	839.90	61.93
28 31 23 00-0007	EA	Annunciator CPU (EST3 3-ANNCPU3) Note: One Required per graphic annunciator.	547.54	61.93
28 31 23 00-0008	EA	Annunciator Support Module (EST3 3-ANNSM) Note: Takes one space in Annunciator box. Supports one Control/Display module.	105.76	20.64
28 31 23 00-0009	EA	Liquid Crystal Display Module (EST3 3-LCD) Note: Mounts to 3-CPU(1).	364.02	61.93
28 31 23 00-0010	EA	LED/SWITCH Driver Module Assembly For Third Part Graphics (EST3 3-EVDVRA) Note: Assembled version of 3-EVDVR, comes packaged with cables, mounting hardware installation instructions used for third party graphics. Mounts in 3-EVDVRX.	406.34	61.93
28 31 23 00-0011	EA	Power Supply Assembly With 19" Rail Mounting Chassis Assembly (EST3 3-EVPWRA) Note: Assembled version of 3-EVPWR, comes packaged with cables, mounting hardware and mounting plate for 3-ANNCPU1. Used for third party graphics.	456.83	41.29
28 31 23 00-0012	EA	Plastic Mounting Extrusion 19" Mounting (EST3 3-EVDVRX) Note: Mounts up to three 3-EVDVRA modules.	77.02	20.64

28 31 23 00-0013 Remote Annunciators Cabinets *(28 31 23 00-0002)*

28 31 23 00-0014	EA	Remote LCD Command Module Flush Mount LCD Wallbox (EST3 RLCM/B)	82.16	20.64
28 31 23 00-0015	EA	Remote LCD Command Module Surface Mount LCD Wallbox (EST3 RLCM/B-S)	73.90	16.51
28 31 23 00-0016	EA	Six Position LED/LCD Flush Wallbox (EST3 6ANN/B)	91.23	20.64
28 31 23 00-0017	EA	Six Position LED/LCD Surface Wallbox (EST3 6ANN/B-S)	82.97	16.51
28 31 23 00-0018	EA	Ten Position LED/LCD Flush Wallbox (EST3 10ANN/B)	99.74	20.64
28 31 23 00-0019	EA	Ten Position LED/LCD Surface Wallbox (EST3 10ANN/B-S)	91.48	16.51

28 31 23 00-0020 Audio And Telephone Masters *(28 31 23 00-0002)*

28 31 23 00-0021	EA	Audio Source Unit With Local Microphone And Firefighters' Telephone (EST3 3-ASU/FT)	2,594.18	82.58
28 31 23 00-0022	EA	Audio Source Unit With Local Microphone (Provides Four Local Rail Spaces) (EST3 3-ASU/4)	1,464.44	82.58
28 31 23 00-0023	EA	Audio Source Unit With Local Microphone And Inner Door Filler Plate (EST3 3-ASU)	1,372.65	82.58
28 31 23 00-0024	EA	Fire Fighters Telephone Control Unit With Inner Door Filler Plate (EST3 3-FTCU)	1,386.76	82.58
28 31 23 00-0025	EA	Audio Source Unit Memory Expansion, 100 Minutes (EST3 3-ASUMX/100)	1,577.38	82.58

28 31 23 00-0026 Keypad/Display *(28 31 23 00-0002)*

28 31 23 00-0027	EA	KeyPad And Display (EST3 KPDISP)	611.29	30.97

28 31 23 00-0028 Card Reader Controller *(28 31 23 00-0002)*

28 31 23 00-0029	EA	Card Reader Controller With Memory For 8,000 Cardholders (EST3 CRC)	497.80	30.97
28 31 23 00-0030	EA	Card Reader Controller With Memory For 36,000 Cardholders (EST3 CRCXM)	654.07	30.97
28 31 23 00-0031	EA	CRC Sounder Module (EST3 CRCSND)	67.22	20.64
28 31 23 00-0032	EA	12V @1.2AH Standby Battery (EST3 12V1A2)	69.36	20.64
28 31 23 00-0033	EA	Class 2, 16 Vac Plug In Transformer (EST3 CRCXF)	66.43	20.64
28 31 23 00-0034	EA	Access Control DataBase Software - Eight Doors (EST3 ACDB8)	477.16	
28 31 23 00-0035	EA	Access Control DataBase Software - Over Eight Doors (EST3 ACDB8+)	1,348.11	
28 31 23 00-0036	EA	Access Control DataBase Server Application Software (EST3 ACDB-SVR)	3,342.58	
28 31 23 00-0037	EA	Access Control DataBase Client Application Software (EST3 ACDB-CLNT)	495.15	

28 31 23 00-0038 Proximity Card Readers *(28 31 23 00-0002)*

28 31 23 00-0039	EA	Standard Proximity Card Reader, Charcoal Gray (EST3 CR-5355)	435.69	82.58
28 31 23 00-0040	EA	HID Brand Proximity Card Reader With Keypad, Charcoal Gray (EST3 5355AGK0009)	676.34	82.58

28 31 23 00-0041 Proximity Access Cards *(28 31 23 00-0002)*

28 31 23 00-0042	EA	Molded Proximity Card With EST Logo - Contains 100 Cards (EST3 PC-1326)	313.21	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0043	EA	ISO Format Proximity Card With EST Logo - Contains 200 Cards (EST3 PC-1386)	1,245.37	
28 31 23 00-0044	EA	ISO Format Proximity Card With No Logo - Contains 200 Cards (EST3 PC-1386B)	1,245.37	
28 31 23 00-0045	EA	Molded Proximity Construction Card With EST Logo - Contains 100 Cards (EST3 EST-PC)	313.21	
28 31 23 00-0046		**Battery Distribution Unit** *(28 31 23 00-0002)*		
28 31 23 00-0047	EA	Battery Distribution Unit (EST3 3-BTSEN)	326.17	243.58
28 31 23 00-0048		**Remote Booster Power Supply** *(28 31 23 00-0002)*		
28 31 23 00-0049	EA	6.5 Amp, 120V Booster Power Supply (EST3 BPS6)	476.96	61.93
28 31 23 00-0050	EA	10 Amp. 110V Booster Power Supply (EST3 BPS10)	539.79	61.93
28 31 23 00-0051	EA	10 Amp, 220V Booster Power Supply (EST3 BPS10220)	586.08	61.93
28 31 23 00-0052	EA	Tamper Switch - For CAB7, 14 And 21 Series Cabinets (EST3 3-TAMP)	83.68	20.64
28 31 23 00-0053		**Batteries And Battery Cabinets** *(28 31 23 00-0002)*		
28 31 23 00-0054	EA	1.2Ah Sealed Lead Acid Battery - 12 Vdc (EST3 12V1A2 (1.2 Ah))	66.43	20.64
28 31 23 00-0055	EA	4Ah Sealed Lead Acid Battery - 12 Vdc (EST3 12V4A (4.5 Ah))	80.08	20.64
28 31 23 00-0056	EA	24Ah Sealed Lead Acid Battery - 12 Vdc (EST3 12V24A (26 Ah))	174.24	20.64
28 31 23 00-0057	EA	6.5Ah Sealed Lead Acid Battery - 12 Vdc (EST3 12V6A5 (7.2 Ah))	85.54	20.64
28 31 23 00-0058	EA	40Ah Sealed Lead Acid Battery - 12 Vdc (EST3 12V40A (40 Ah))	217.95	20.64
28 31 23 00-0059	EA	10Ah Sealed Lead Acid Battery - 12 Vdc (EST3 12V10A (11 Ah))	127.46	20.64
28 31 23 00-0060	EA	50Ah Sealed Lead Acid Battery - 12 Vdc (EST3 12V50A (50 Ah))	430.93	20.64
28 31 23 00-0061	EA	17Ah Sealed Lead Acid Battery - 12 Vdc (EST3 12V17A (18 Ah))	130.28	20.64
28 31 23 00-0062	EA	65Ah Sealed Lead Acid Battery - 12 Vdc (EST3 12V65A (65 Ah))	516.56	20.64
28 31 23 00-0063	EA	8.0Ah Sealed Lead Acid Battery - 6 Vdc (EST3 6V8A (8 Ah))	77.42	20.64
28 31 23 00-0064	EA	10Ah Sealed Lead Acid Battery - 6 Vdc (EST3 6V10A (12 Ah))	70.60	20.64
28 31 23 00-0065	EA	Battery Cabinet, 14.0" x 18.25" x 7.25" Free Standing Cabinet With Key Lock (EST3 BC-1) Note: Supports up to 40 Ah batteries will hold up to two 12V24A batteries.	317.44	82.58
28 31 23 00-0066	EA	Battery Cabinet, Gray 22" X 15" X 3.75" (EST3 BC-2) Note: Holds up to two 12V17A batteries.	280.68	82.58
28 31 23 00-0067	EA	Remote Closet Enclosure (EST3 3-RCC7R)	645.38	82.58
28 31 23 00-0068	EA	Remote Closet Enclosure (EST3 3-RCC14R)	790.09	82.58
28 31 23 00-0069	EA	Remote Closet Enclosure (EST3 3-RCC21R)	1,090.19	82.58
28 31 23 00-0070		**Serial Printer** *(28 31 23 00-0002)*		
28 31 23 00-0071	EA	System Printer - Desk Top Style (EST3 PT-1S)	825.86	20.64
28 31 23 00-0072		**Intelligent Analog Initiating Devices** *(28 31 23 00-0001)*		
28 31 23 00-0073		**Detectors, Signature** *(28 31 23 00-0072)*		
28 31 23 00-0074	EA	Intelligent 4D Multisensor Detector - Ionization, Photoelectric, Heat (EST3 SIGA-IPHS)	144.25	30.97
28 31 23 00-0075	EA	Intelligent 4D Multisensor Detector, Black - Ionization, Photoelectric, Heat (EST3 SIGA-IPHSB)	160.14	30.97
28 31 23 00-0076	EA	Intelligent 3D Multisensor Detector - Photoelectric, Heat (EST3 SIGA-PHS)	139.52	30.97
28 31 23 00-0077	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA-PS)	125.32	30.97
28 31 23 00-0078	EA	Intelligent Ionization Smoke Detector (EST3 SIGA-IS)	130.05	30.97
28 31 23 00-0079	EA	Intelligent Fixed Temperature / Rate-of-Rise Heat Detector - 135F, 15F Per Minute (EST3 SIGA-HRS)	109.49	30.97
28 31 23 00-0080	EA	Intelligent Fixed Temperature Heat Detector - 135 Degree F (EST3 SIGA-HFS)	109.49	30.97
28 31 23 00-0081	EA	Passive Infrared Motion Detector (EST3 SIGA-MD)	164.37	30.97
28 31 23 00-0082	EA	Passive Infrared Motion Detector With Swivel Mount For Single Gang Boxes (EST3 SIGA-MDS)	179.87	30.97
28 31 23 00-0083		**Detectors, Duct Housings and Accessories, Signature** *(28 31 23 00-0072)*		
28 31 23 00-0084	EA	Superduct, Signature Duct Smoke Detector (EST3 SIGA-SD)	286.12	51.61
28 31 23 00-0085	EA	Superduct, Test Magnet Kit (EST3 SD-MAG)	14.45	
28 31 23 00-0086	EA	Superduct, 120" Air Sample Tube (EST3 SD-T120)	28.14	6.19
28 31 23 00-0087	EA	Superduct, Remote Test Station, Keyed, 2-Wire And SIGA (EST3 SD-TRK)	76.30	16.51
28 31 23 00-0088	EA	Duct Smoke Detector Test Station, 2-Gang Plastic Plate With Key Switch, 2 Keys, Use With Duct Detector Only (EST3 SIGA-DTS)	100.33	16.51
28 31 23 00-0089		**Detectors, Smoke, Beam** *(28 31 23 00-0072)*		
28 31 23 00-0090	EA	Fireray 2000 Beam Alignment Aid, For Quick Alignment Of Beam Detector Transmitter And Receiver Heads (EST3 0201-01-A)	93.61	
28 31 23 00-0091	EA	Fireray 2000 Beam Smoke Detector (By Fire Fighting Enterprises) (EST3 22310-18-01) Note: Includes controller and remote mount transmitter and receiver head.	1,092.38	30.97
28 31 23 00-0092	EA	Fireray 2000 Beam Detector Prism, Use To Reflect Beam When Mounting Transmitter And Receiver Heads On Same Wall (EST3 23901-00)	69.40	10.32
28 31 23 00-0093	EA	Replacement Reflector, For EC-50R/-100R Reflective Beam Detectors (EST3 23901-01)	81.56	10.32
28 31 23 00-0094	EA	160 - 330' Reflective Beam Detector (EST3 EC-100R)	1,117.58	30.97
28 31 23 00-0095	EA	15 - 160' Reflective Beam Detector (EST3 EC-50R)	955.17	30.97
28 31 23 00-0096	EA	Remote Test Station, For EC-50R/-100R Reflective Beam Detectors (EST3 EC-LLT)	223.70	10.32
28 31 23 00-0097		**Modules, Signature** *(28 31 23 00-0072)*		
28 31 23 00-0098	EA	Universal Class A/B Module - UIO Mount (EST3 SIGA-MAB)	131.51	20.64
28 31 23 00-0099	EA	Class B Single Input Module (One Gang Standard Mount) (EST3 SIGA-CT1)	89.59	20.64
28 31 23 00-0100	EA	Class B Dual Input Module (One Gang Standard Mount) (EST3 SIGA-CT2)	123.61	20.64
28 31 23 00-0101	EA	Class B Dual Input UIO (Plug In) Module (EST3 SIGA-MCT2)	118.84	20.64
28 31 23 00-0102	EA	Single Input (Riser) Module, Features A Built-In Ring Tone Generator, Use For Switching A Single Signal Or Audio Circuit (EST3 SIGA-CC1)	112.58	20.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0103	EA	Dual Input (Riser) Module, Use For Switching (Selecting) Either Of Two Signal Or Audio Input Circuits To One Signal Output Circuit (EST3 SIGA-CC2)	133.14	20.64
28 31 23 00-0104	EA	Control Relay Module (One Gang Standard Mount) (EST3 SIGA-CR) Note: Select for either N.O. or N.C. operation. Rated at 2 amps (24Vdc).	107.78	20.64
28 31 23 00-0105	EA	Control Relay UIO (Plug In) Module (EST3 SIGA-MCR)	104.68	20.64
28 31 23 00-0106	EA	Single Input (Riser) Module With Strobe Synchronization Output (EST3 SIGA-CC1S)	136.32	20.64
28 31 23 00-0107	EA	Universal Input/Output Module - Input With Programmable Output (EST3 SIGA-IO)	133.14	20.64
28 31 23 00-0108	EA	Input/Output Module - UIO Mount, Multifunction Module With Input And Program (EST3 SIGA-MIO)	128.41	20.64
28 31 23 00-0109	EA	Waterflow/Tamper Module (One Gang Standard Mount) (EST3 SIGA-WTM)	118.60	97.95
28 31 23 00-0110	EA	Monitor Module (One Gang Standard Mount) (EST3 SIGA-MM1) Note: Factory programmed for non-latching monitor operation.	89.59	20.64

28 31 23 00-0111 Module Accessories, Signature *(28 31 23 00-0072)*

Note: Universal I/O motherboards are required for UIO plug-in modules. Module mounting plates can be used to mount multiple 1 & 2-gang modules.

28 31 23 00-0112	EA	Module Mounting Bracket - For 4" Square Box, Mounting Kit Allows Installing 2 Single Gang Signature Modules Into A Single 4" Square Box (EST3 SIGA-MB4)	36.54	10.32
28 31 23 00-0113	EA	Universal Input/Output Module Motherboard - 6 Position, Use For M Series Modules (EST3 SIGA-UIO6)	117.31	20.64
28 31 23 00-0114	EA	Transient Protector - For Bell And Horn Circuits, Provides Transient Protection To -CC1, -MCC1, -CC2, -MCC2, -UM And -MAB Modules (EST3 235196P)	14.76	6.19
28 31 23 00-0115	EA	Signature Module Mounting Plate, 1 Footprint, Space For Up To Four 2-Gang Signature Modules Or Eight 1-Gang Signature Modules (EST3 SIGA-MP1)	42.02	10.32
28 31 23 00-0116	EA	Signature Module Mounting Plate, 1/2 Footprint, Space For Up To Two 2-Gang Signature Modules Or Four 1-Gang Signature Modules (EST3 SIGA-MP2)	38.08	10.32
28 31 23 00-0117	EA	Signature Module Mounting Plate, 1/2 Extended Footprint, Space For Up To Three 2-Gang Signature Modules Or Six 1-Gang Signature Modules (EST3 SIGA-MP2L)	39.64	10.32

28 31 23 00-0118 Single Action Pull Stations, Signature *(28 31 23 00-0072)*

28 31 23 00-0119	EA	One Stage Fire Alarm Station, English Markings (EST3 SIGA-270)	153.87	42.95
28 31 23 00-0120	EA	Two Stage (Pre Signal) Fire Alarm Station, English Markings (EST3 SIGA-270P)	177.61	42.95
28 31 23 00-0121	EA	GA Key - For Pre Signal Station (EST3 276-K2)	20.32	16.19
28 31 23 00-0122	EA	20 Glass Rods For SIGA-270 Series Stations (EST3 270-GLR)	24.89	20.76
28 31 23 00-0123	EA	Surface Mount Box, Red - For SIGA-270 Series (EST3 276B-RSB)	43.28	26.76

28 31 23 00-0124 Double Action Pull Stations, Signature *(28 31 23 00-0072)*

28 31 23 00-0125	EA	Double Action (One Stage) Fire Alarm Station, English Markings (EST3 SIGA-278)	158.60	42.95
28 31 23 00-0126	EA	12 Glass Rods For SIGA-278 Series (EST3 276-GLR)	25.23	4.13

28 31 23 00-0127 Detector Bases and Accessories, Signature *(28 31 23 00-0072)*

Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, and -PHS detectors and -SB, -RB and -IB bases.

28 31 23 00-0128	EA	Audible (Sounder) Base (EST3 SIGA-AB4G)	71.67	10.32
28 31 23 00-0129	EA	Surface Box - For Sounder Base, Use With -AB4G Models Only (EST3 AB4G-SB)	30.18	10.32
28 31 23 00-0130	EA	Audible (Sounder) Base, Mounts To 4" Square, 2-1/8" Deep Box (EST3 SIGA-AB4)	88.14	10.32
28 31 23 00-0131	EA	Detector (Smoke) Guard, Covers Detectors Mounted To Flush Boxes, Compatible With -IPHS And -PS Signature Detectors (EST3 SIGA-DG)	52.36	10.32
28 31 23 00-0132	EA	Detector (Smoke) Guard Surface Box - For SIGA-DG (EST3 SIGA-DGSB)	60.27	10.32
28 31 23 00-0133	EA	Detector Mounting Plate (EST3 SIGA-DMP) Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, -PHS and -IPHS detectors and -SB, -RB and -IB bases. SIGA-IPHS 4D detector is limited to operation in air velocities less than 500 feet per minute.	91.93	10.32
28 31 23 00-0134	EA	Remote Alarm LED, Use With -SB And -SB4 Standard Base Only (EST3 SIGA-LED)	36.54	10.32
28 31 23 00-0135	EA	Trim Skirt/Ring - For Octagon Box (EST3 SIGA-TS)	14.82	6.19
28 31 23 00-0136	EA	Trim Skirt/Ring - For 4" Square Box, Use To Hide Imperfections Around Electric Boxes Not Completely Hidden By Standard Bases, With All 4" Bases (EST3 SIGA-TS4)	14.82	6.19
28 31 23 00-0137	EA	Detector (Smoke) Guard Mounting Flange, Provides Secure Mounting While Offering Easy Guard Removal, With Tamper Hardware (EST3 SIGA-DGMF)	36.20	6.19
28 31 23 00-0138	EA	Detector Base With Isolator (EST3 SIGA-IB)	59.47	10.32
28 31 23 00-0139	EA	Detector Base With Isolator - For 4" Square Box, With TS4 Skirt (EST3 SIGA-IB4)	62.86	10.32
28 31 23 00-0140	EA	Detector Base With Form 'C' Relay (EST3 SIGA-RB)	53.56	10.32
28 31 23 00-0141	EA	Detector Base With Form 'C' Relay - For 4" Square Box, With TS4 Skirt (EST3 SIGA-RB4)	53.56	10.32
28 31 23 00-0142	EA	Detector Base - Standard, For 4" Square Box, With TS4 Skirt (EST3 SIGA-SB4)	31.37	10.32

28 31 23 00-0143 Notification Appliances *(28 31 23 00-0001)*

28 31 23 00-0144 Wall Strobes, Horns And Chimes *(28 31 23 00-0143)*

28 31 23 00-0145	EA	Strobe (15, 30, 75, Or 110 cd Output), White (EST3 G1-VM)	95.77	30.97
28 31 23 00-0146	EA	Strobe (15, 30, 75, Or 110 cd Output), Red (EST3 G1R-VM)	95.77	30.97
28 31 23 00-0147	EA	Horn-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-HDVM)	106.79	30.97
28 31 23 00-0148	EA	Temporal Horn (Selectable High Or Low dB Output), White (EST3 G1-HD)	83.35	30.97
28 31 23 00-0149	EA	Temporal Horn (Selectable High Or Low dB Output), Red (EST3 G1R-HD)	83.35	30.97
28 31 23 00-0150	EA	Temporal Horn, Hi/Lo dB Output, 24V, White, With The Word "FIRE" On Housing (EST3 G1F-HD)	83.35	30.97
28 31 23 00-0151	EA	Temporal Horn, Hi/Lo dB Output, 24V, Red, With The Word "FIRE" On Housing (EST3 G1RF-HD)	83.35	30.97
28 31 23 00-0152	EA	Horn (Steady Tone), 24V, White, Not Compatible With Signal Master (EST3 G1-P)	72.92	30.97
28 31 23 00-0153	EA	Horn (Steady Tone) - 24V, Red, Not Compatible With Signal Master (EST3 G1R-P)	72.92	30.97
28 31 23 00-0154	EA	Horn (Steady Tone), 24V, Red, With The Word "FIRE" On Housing, Not Compatible With Signal Master (EST3 G1RF-P)	72.92	30.97
28 31 23 00-0155	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-CVM)	151.78	30.97
28 31 23 00-0156	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), Red (EST3 G1R-CVM)	151.78	30.97
28 31 23 00-0157	EA	Genesis Chime (Selectable High Or Low dB Output), White (EST3 G1-C)	105.45	30.97
28 31 23 00-0158	EA	Genesis Chime (Selectable High Or Low dB Output), Red (EST3 G1R-C)	105.45	30.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0159	EA	Wall Strobe, 15/75 cd, White, With The Word "FIRE" On Housing (EST3 G1F-V1575)	95.77	30.97
28 31 23 00-0160	EA	Multi-cd Strobe, 24V, White, With The Word "FIRE" On Housing (EST3 G1F-VM)	95.77	30.97
28 31 23 00-0161	EA	Multi-cd Strobe, 24V, Red, With The Word "FIRE" On Housing (EST3 G1RF-VM)	95.77	30.97
28 31 23 00-0162	EA	Wall Strobe, 15/75 cd, Red, With The Word "FIRE" On Housing (EST3 G1RF-V1575)	95.77	30.97
28 31 23 00-0163	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCF-VM)	98.87	30.97
28 31 23 00-0164	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCFR-VM)	98.87	30.97
28 31 23 00-0165	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST GCF-VMH)	106.12	30.97
28 31 23 00-0166	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VM)	98.87	30.97
28 31 23 00-0167	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VMH)	98.87	30.97
28 31 23 00-0168	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, White (EST3 G1T-FIRE)	66.13	30.97
28 31 23 00-0169	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, Red (EST3 G1RT-FIRE)	66.13	30.97
28 31 23 00-0170		**Wall Speakers And Speaker Strobes** *(28 31 23 00-0143)*		
28 31 23 00-0171	EA	Multi-Wattage 25 Volt Speaker (EST3 G4-S2)	82.42	30.97
28 31 23 00-0172	EA	Multi-Candela/Wattage 25 Volt Speaker-Strobe (EST3 G4-S2VM)	117.37	30.97
28 31 23 00-0173	EA	Multi-Wattage 70 Volt Speaker (EST3 G4-S7)	82.42	30.97
28 31 23 00-0174	EA	Multi-Candela/Wattage 70 Volt Speaker-Strobe (EST3 G4-S7VM)	117.37	30.97
28 31 23 00-0175	EA	Surface Box, White, For Genesis Speaker (EST3 G4B)	41.55	16.51
28 31 23 00-0176	EA	Surface Box, Red, For Genesis Speaker (EST3 G4RB)	41.55	16.51
28 31 23 00-0177		**Ceiling Speakers And Speaker Strobes** *(28 31 23 00-0143)*		
28 31 23 00-0178	EA	Genesis Ceiling Speaker, 70V, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7)	95.09	30.97
28 31 23 00-0179	EA	Genesis Ceiling Speaker/Strobe, 70V, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VM)	117.37	30.97
28 31 23 00-0180	EA	Genesis Ceiling Speaker/Strobe, 70V, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VMH)	124.43	30.97
28 31 23 00-0181		**Harsh Environment Signals** *(28 31 23 00-0143)*		
28 31 23 00-0182	EA	Temporal Horn, Self-Synchronized, 24 Vdc (EST3 757-1A-T)	86.42	30.97
28 31 23 00-0183	EA	15/75 cd Temporal Horn/Strobe, 24 Vdc, (EST3 757-7A-T)	114.24	30.97
28 31 23 00-0184	EA	110 cd Temporal Horn/Strobe, 24 Vdc, (EST3 757-8A-T)	114.24	30.97
28 31 23 00-0185	EA	Strobe - 15cd Synchronized, 24 Vdc (EST3 405-5A-T)	105.97	30.97
28 31 23 00-0186	EA	Strobe - 15/75cd Synchronized, 24 Vdc (EST3 405-7A-T)	100.47	30.97
28 31 23 00-0187	EA	Strobe - 30cd Synchronized, 24 Vdc (EST3 405-3A-T)	105.97	30.97
28 31 23 00-0188	EA	Strobe - 60cd Synchronized, 24 Vdc (EST3 405-6A-T)	105.97	30.97
28 31 23 00-0189	EA	Strobe - 110cd Synchronized, 24 Vdc (EST3 405-8A-T)	105.97	30.97
28 31 23 00-0190	EA	15/75 cd Synchronized Strobe, 24 Vdc, Red - Outdoor Listed (EST3 CS405-7A-T)	109.38	30.97
28 31 23 00-0191	EA	110 cd Synchronized Strobe, 24 Vdc, Red - Outdoor Listed (EST3 CS405-8A-T)	109.38	30.97
28 31 23 00-0192		**Fire Alarm Bells** *(28 31 23 00-0143)*		
28 31 23 00-0193	EA	10" Single Stroke Fire Alarm Bells, 24 Vdc (EST3 323D-10AW)	121.96	30.97
28 31 23 00-0194	EA	6" Vibrating Fire Alarm Bells, 24 Vdc (EST3 439D-6AW)	101.18	30.97
28 31 23 00-0195	EA	10" Vibrating Fire Alarm Bells, 24 Vdc (EST3 439D-10AW)	110.05	30.97
28 31 23 00-0196		**Multiple Tone Signal** *(28 31 23 00-0143)*		
28 31 23 00-0197	EA	27 Tone Selectable Signal, 24Vdc (EST3 5530MD-24AW)	685.44	654.48
28 31 23 00-0198		**Multi-Purpose Loudspeaker** *(28 31 23 00-0143)*		
28 31 23 00-0199	EA	15 Watt Loudspeaker, Gray (EST3 HPSA15G2570)	155.10	30.97
28 31 23 00-0200	EA	15 Watt Loudspeaker, Red (EST3 HPSA15R2570)	155.10	30.97
28 31 23 00-0201		**Bell/Strobe Plate** *(28 31 23 00-0143)*		
28 31 23 00-0202	EA	Bell/Strobe Plate - 15cd (EST3 403-5A-R)	78.95	16.51
28 31 23 00-0203		**Mounting Accessories** *(28 31 23 00-0143)*		
28 31 23 00-0204	EA	Surface Mount Box - Indoor, Red, 1-Gang (EST3 27193-11)	42.19	16.51
28 31 23 00-0205	EA	One Gang Surface Mount Box, Red, No Bottom KO (EST3 27193-11-NY)	42.19	16.51
28 31 23 00-0206	EA	Surface Mount Box - Indoor, White, 1-Gang (EST3 27193-16)	42.19	16.51
28 31 23 00-0207	EA	Surface Mount Box - Indoor, Red, 2-Gang (EST3 27193-21)	42.19	16.51
28 31 23 00-0208	EA	Surface Mount Box - Indoor, White, 2-Gang (EST3 27193-26)	42.19	16.51
28 31 23 00-0209		**Firefighters' Telephones** *(28 31 23 00-0143)*		
28 31 23 00-0210	EA	Remote Telephone Warden Station - Flush, Red, 5' Armored Cable, Hinged Door With Magnetic Latch, 4-State (EST3 6830-NY-F4)	627.69	51.61
28 31 23 00-0211	EA	Four State Remote Telephone Warden Station - Surface, Armored Cord (EST3 6830-NY-S4)	365.46	51.61
28 31 23 00-0212	EA	Remote Telephone Warden Station - Flush, Armored Cord (EST3 6830-NY-F)	271.03	51.61
28 31 23 00-0213	EA	Telephone Handset Assembly - Red c/w 60" Coiled Cord (EST3 6830-1)	205.19	51.61
28 31 23 00-0214	EA	Remote Telephone Handset Station - 4-State, Red, 5' Coiled Cord (EST3 6830-4)	353.71	51.61
28 31 23 00-0215	EA	Three State Telephone Handset Assembly - Red, 60" Coiled Cord, Push To Talk Button (EST3 6830-5A)	228.69	51.61
28 31 23 00-0216	EA	Remote Telephone Handset Station - 4-State, Red, 'PushTo Talk' Button, 5' Coiled Cord (EST3 6830-5A-4)	395.32	51.61
28 31 23 00-0217	EA	Three State Telephone Handset Assembly - Red, 60" Armored Cord, Push To Talk Button (EST3 6830-6A)	236.52	51.61
28 31 23 00-0218	EA	Remote Telephone Handset Station - 4-State, Red, 'PushTo Talk' Button, 5' Armored Cable (EST3 6830-6A-4)	448.61	51.61
28 31 23 00-0219	EA	Portable Handset Receptacle, 1 Gang Stainless Steel Faceplate (EST3 6833-1)	55.00	16.51
28 31 23 00-0220	EA	Portable Telephone Receptacle - 1-Gang, SS, 4-State (EST3 6833-4)	61.82	16.51
28 31 23 00-0221	EA	Portable Telephone Handset - Black, Coiled Cord (EST3 6830-3)	76.08	
28 31 23 00-0222	EA	Portable Telephone Handset - Red, Coiled Cord (EST3 6700-0061)	76.08	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0223	EA	Frontplate - Flush Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-1)	123.10	20.64
28 31 23 00-0224	EA	Frontplate - Flush Mount, Red Finish, Non Break Glass Type With Two Keys (EST3 6831-2)	150.24	20.64
28 31 23 00-0225	EA	Frontplate - Surface Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-3)	109.54	20.64
28 31 23 00-0226	EA	Frontplate - Surface Mount, Red Finish, Non Break Glass Type, With Two Keys (EST3 6831-4)	105.55	20.64
28 31 23 00-0227	EA	Wallbox - Flush Or Surface Mount, Red Finish, 14" x 8-1/2" x 3-1/2" (EST3 6832-1)	86.72	30.97
28 31 23 00-0228	EA	Portable Handset Storage Cabinet, Surface Mount, With Keylock, Red Finish (EST3 TCS-6)	641.31	41.29
28 31 23 00-0229		Mass Notification EC Appliances *(28 31 23 00-0143)*		
28 31 23 00-0230	EA	G1 Wall, Strobe, White Housing, Alert Markings, Amber Lens (EST3 G1WA-VMA)	98.89	30.97
28 31 23 00-0231	EA	G1 Wall, Strobe, White Housing, Alert Markings, Clear Lens (EST3 G1WA-VMC)	96.08	30.97
28 31 23 00-0232	EA	G1 Wall, Strobe, White Housing, No Markings, Amber Lens (EST3 G1WN-VMA)	98.89	30.97
28 31 23 00-0233	EA	G1 Wall, Strobe, White Housing, No Markings, Clear Lens (EST3 G1WN-VMC)	96.08	30.97
28 31 23 00-0234	EA	G1 Wall, White Trim Ring, Alert Marking (EST3 G1WT-ALERT)	15.76	6.19
28 31 23 00-0235		Hazardous Location Devices *(28 31 23 00-0001)*		
28 31 23 00-0236		Detectors, Rate Compensation Heat, For Explosion/Weather/Moisture Proof And Ordinary Location *(28 31 23 00-0235)*		
28 31 23 00-0237	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 135 Degree F (EST3 302-135)	89.91	30.97
28 31 23 00-0238	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 194 Degree F (EST3 302-194)	89.91	30.97
28 31 23 00-0239	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 135 Degree F (EST3 302-AW-135)	92.25	30.97
28 31 23 00-0240	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 194 Degree F (EST3 302-AW-194)	92.25	30.97
28 31 23 00-0241	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 135 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-135)	120.25	30.97
28 31 23 00-0242	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 194 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-194)	120.25	30.97
28 31 23 00-0243	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 135 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-135)	92.25	30.97
28 31 23 00-0244	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 194 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-194)	92.25	30.97
28 31 23 00-0245		Hazardous Locations Fire Alarm Station *(28 31 23 00-0235)*		
28 31 23 00-0246	EA	Hazardous Location Fire Alarm Station (EST3 XAL53)	663.24	51.61
28 31 23 00-0247	EA	Explosion Proof, Weatherproof, Fire Alarm Station, Single Action, Cat 45 Key Reset, Terminal Connections, DPDT (EST3 MPSR1-D45WX-GE)	632.82	51.61
28 31 23 00-0248		Hazardous Location Strobes *(28 31 23 00-0235)*		
28 31 23 00-0249	EA	Explosion Proof Strobe (EST3 116DEXSTC-FJ)	959.79	30.97
28 31 23 00-0250	EA	Wall Bracket Mounting Elbow (EST3 116EX-B)	181.71	10.32
28 31 23 00-0251	EA	Ceiling / Wall Mounting Module (EST3 116EX-C)	237.10	12.39
28 31 23 00-0252	EA	Pendant Mounting Module (EST3 116EX-P)	175.86	12.39
28 31 23 00-0253		Hazardous Location Bells *(28 31 23 00-0235)*		
28 31 23 00-0254	EA	6" Hazardous Location Bells, 24 Vdc (EST3 439DEX-6AW)	697.50	30.97
28 31 23 00-0255	EA	8" Hazardous Location Bells, 24 Vdc (EST3 439DEX-8AW)	715.11	30.97
28 31 23 00-0256	EA	10" Hazardous Location Bells, 24 Vdc (EST3 439DEX-10AW)	721.46	30.97
28 31 23 00-0257		Hazardous Location Horns *(28 31 23 00-0235)*		
28 31 23 00-0258	EA	Hazardous Location Horns (EST3 888D-N5)	682.32	30.97
28 31 23 00-0259	EA	Explosionproof Horn, Diode Polarized, 24 Vdc (EST3 889D-AW)	560.44	30.97
28 31 23 00-0260		Door Holders And Relays *(28 31 23 00-0001)*		
28 31 23 00-0261		Electromagnetic Door Holders *(28 31 23 00-0260)*		
28 31 23 00-0262	EA	Door Holder, Single, Floor Mount - 24Vac/24Vdc/120Vac (EST3 1501-AQN5)	136.47	30.97
28 31 23 00-0263	EA	Door Holder, Double, Floor Mount - 24 Vac / 24 Vdc / 120 Vac (EST3 1502-AQN5)	171.83	30.97
28 31 23 00-0264	EA	Door Holder, Flush, Wall Mount - 24Vac/24Vdc/120Vac (EST3 1504-AQN5)	118.42	30.97
28 31 23 00-0265	EA	Door Holder, Flush, Wall Mount, Short Catch Plate - 24 Vac / 24 Vdc / 120 Vac (EST3 1505-AQN5)	118.42	30.97
28 31 23 00-0266	EA	Door Holder, Surface, Wall Mount - 24Vac/24Vdc/120Vac (EST3 1508-AQN5)	120.06	30.97
28 31 23 00-0267	EA	Door Holder, Completely Flush, Wall Mount - 24Vac/24Vdc/120Vac (EST3 1509-AQN5)	121.61	30.97
28 31 23 00-0268		Control Relays, Multi-Voltage *(28 31 23 00-0260)*		
28 31 23 00-0269	EA	Single SPDT With LED, Adhesive Tape Mounting (EST3 PAM1)	27.56	6.19
28 31 23 00-0270		FireShield Plus *(28 31 23 00-0001)*		
28 31 23 00-0271		3 Zone System *(28 31 23 00-0270)*		
28 31 23 00-0272	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5A NAC Power, Red Enclosure, 120V, Capacity For (2) 10Ah Batteries (EST3 FSP302R)	784.27	247.75
28 31 23 00-0273	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5A NAC Power, Red Enclosure, 120V, Capacity For (2) 10Ah Batteries, With Upload/Download DACT (EST3 FSP302RD)	1,125.51	330.33
28 31 23 00-0274	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5A NAC Power, Gray Enclosure, 120V, Capacity For (2) 10Ah Batteries (EST3 FSP302G)	784.27	247.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0275	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5A NAC Power, Gray Enclosure, 120V, Capacity For (2) 10Ah Batteries, With Upload/Download DACT (EST3 FSP302GD)	1,125.51	330.33
28 31 23 00-0276	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)	51.10	10.32
28 31 23 00-0277	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)	51.10	10.32
28 31 23 00-0278		**5 Zone System** *(28 31 23 00-0270)*		
28 31 23 00-0279	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5A NAC Power, Red Enclosure, 120V, Capacity For (2) 10Ah Batteries (EST3 FSP502R)	833.57	247.75
28 31 23 00-0280	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5A NAC Power, Red Enclosure, 120V, Capacity For (2) 10Ah Batteries, With Upload/Download DACT (EST3 FSP502RD)	1,171.99	330.33
28 31 23 00-0281	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5A NAC Power, Gray Enclosure, 120V, Capacity For (2) 10Ah Batteries (EST3 FSP502G)	833.57	247.75
28 31 23 00-0282	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5A NAC Power, Gray Enclosure, 120V, Capacity For (2) 10Ah Batteries, With Upload/Download DACT (EST3 FSP502GD)	1,171.99	330.33
28 31 23 00-0283	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)	51.10	10.32
28 31 23 00-0284	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)	51.10	10.32
28 31 23 00-0285		**10 Zone System** *(28 31 23 00-0270)*		
28 31 23 00-0286	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5A NAC Power, Red Enclosure, 120V, Capacity For (2) 17Ah Batteries (EST3 FSP1004R)	1,188.89	330.33
28 31 23 00-0287	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5A NAC Power, Red Enclosure, 120V, Capacity For (2) 17Ah Batteries, With Upload/Download DACT (EST3 FSP1004RD)	1,530.14	412.91
28 31 23 00-0288	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5A NAC Power, Gray Enclosure, 120V, Capacity For (2) 17Ah Batteries (EST3 FSP1004G)	1,167.76	330.33
28 31 23 00-0289	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5A NAC Power, Gray Enclosure, 120V, Capacity For (2) 17Ah Batteries, With Upload/Download DACT (EST3 FSP1004GD)	1,530.14	412.91
28 31 23 00-0290	EA	Semi Flush Trim Kit For 10 Zone Enclosures, Gray (EST3 F-TRIM10G)	58.73	10.32
28 31 23 00-0291	EA	NAC Power Expansion Transformer, 120V, Increases 10 Zone FACP NAC (EST3 F-XTR120)	108.36	20.64
28 31 23 00-0292		**FireShield Plus Off Premise Communication Options** *(28 31 23 00-0270)*		
28 31 23 00-0293	EA	F-Series Upload/Download DACT And Modem, Dual Line, With 2x16 LCD (EST3 F-DACT)	224.41	20.64
28 31 23 00-0294		**FireShield Plus Remote LED Annunciators** *(28 31 23 00-0270)*		
28 31 23 00-0295	EA	Remote System Indicator, Power, Alarm, Supervisory, Trouble And Ground Fault LED's With Local Buzzer, Single Gang, And White Trim Plate (EST3 FSRSI)	107.64	30.97
28 31 23 00-0296	EA	Remote Zone Indicator, Contains 5 Red LED's For Alarm Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-A)	107.64	30.97
28 31 23 00-0297	EA	Remote Zone Indicator, Contains 5 Bi-Color LED's (Red/Yellow) For Alarm Or Supervisory Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-SA)	111.23	30.97
28 31 23 00-0298	EA	Remote Annunciator Trim Plate - 2 Gang - White (EST3 FSAT2)	21.55	6.19
28 31 23 00-0299	EA	Remote Annunciator Trim Plate - 3 Gang - White (EST3 FSAT3)	26.15	6.19
28 31 23 00-0300	EA	Remote Annunciator Trim Plate - 4 Gang - White (EST3 FSAT4)	37.19	6.19
28 31 23 00-0301		**FireShield Plus Remote 10 Zone LED Annunciators** *(28 31 23 00-0270)*		
28 31 23 00-0302	EA	Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10)	301.40	30.97
28 31 23 00-0303	EA	Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators And Common Control Switches, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10C)	329.57	30.97
28 31 23 00-0304	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglass Window, Gray (EST3 RA-ENC1)	111.72	20.64
28 31 23 00-0305		**FireShield Plus Remote Relays And Interfaces** *(28 31 23 00-0270)*		
28 31 23 00-0306	EA	Remote Relay Module, 5 Form C Contacts, Jumper Selectable Operation, With Mounting Track (EST3 FSRRM24)	117.47	20.64
28 31 23 00-0307	EA	11" Snap Track Holds 2-4 RRMs, Used To Mount FSRRMs In MFC-A Or Other Listed Enclosure, MFC-A Will Hold Two FSRRM-11S (EST3 FSRRM-S11)	50.73	12.39
28 31 23 00-0308	EA	Common Function Graphic Driver/Interface - 9 Relays And 5 Switch Inputs For Common System Indicators And Controls (EST3 FSUIM)	180.74	20.64
28 31 23 00-0309		**FireShield Plus Accessories** *(28 31 23 00-0270)*		
28 31 23 00-0310	EA	Resistor Kit With 1-3.6K And 1-1.1K (46071-0409) (EST3 EOL3.6-1.1)	11.58	
28 31 23 00-0311	EA	4.7k UL End Of Line Resistor With Fireshield Panels (EST3 EOL47PK7)	7.72	
28 31 23 00-0312		**iO Series Fire Control Panels** *(28 31 23 00-0001)*		
28 31 23 00-0313		**Intelligent Analog Control Panels** *(28 31 23 00-0312)*		
28 31 23 00-0314	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5A Power Supply, Gray Door, 115Vac, Capacity For Up (2) 18a/h Batteries, English (EST3 iO500G)	2,395.39	412.91
28 31 23 00-0315	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5A Power Supply, Gray Door, 115Vac, Capacity For Up (2) 18a/h Batteries, With Dual Line Dialer/Modem, English (EST3 iO500GD)	2,532.03	412.91
28 31 23 00-0316	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25A Power Supply, Gray Door, 115Vac, Capacity For Up (2) 10a/h Batteries, English (EST3 iO64G)	1,912.93	330.33
28 31 23 00-0317	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25A Power Supply, Gray Door, 115Vac, Capacity For Up (2) 10a/h Batteries, With Dual Line Dialer/Modem, English (EST3 iO64GD)	1,976.32	330.33
28 31 23 00-0318		**Option Modules And Accessories For iO Series** *(28 31 23 00-0312)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0319	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Left Side Mounting, Zones 1-16 (EST3 D16L-iO-1)	202.79	30.97
28 31 23 00-0320	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Right Side Mounting, Zones 17-32, Requires D16L-iO-1 (EST3 D16L-iO-2)	132.36	30.97
28 31 23 00-0321	EA	Serial Interface, RS232, 4 Terminal Connections For Supervised/Unsupervised Printers And Connection To PC's (EST3 SA-232)	132.36	30.97
28 31 23 00-0322	EA	Class A NAC Module, For 64 Point Systems Only, Mounts To Main Board (EST3 SA-CLA)	111.72	20.64
28 31 23 00-0323	EA	Dialer/Modem, Two Telephone Line Connections, RJ31, Mounts To Base Plate (EST3 SA-DACT)	216.15	16.51
28 31 23 00-0324	EA	Ethernet Port Interface, RJ45, Mounts To Base Plate (EST3 SA-ETH)	385.19	16.51
28 31 23 00-0325	EA	Trim Kit For Semi-Flush Mounting 64 Point Systems (EST3 SA-TRIM1)	50.22	10.32
28 31 23 00-0326	EA	Trim Kit For Semi-Flush Mounting 500 Point Systems (EST3 SA-TRIM2)	57.26	10.32
28 31 23 00-0327	EA	Expansion Loop For iO500 Systems, 125 Detectors/125 Modules, Mounts On Main Board (EST3 XAL250)	716.46	41.29
28 31 23 00-0328		**Remote Annunciators For iO Series** *(28 31 23 00-0312)*		
28 31 23 00-0329	EA	Remote Annunciator, 80 Character LCD, Common System Indicators, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD)	396.47	30.97
28 31 23 00-0330	EA	Remote Annunciator, 80 Character LCD, Common System Indicators And Controls, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD-C)	414.09	30.97
28 31 23 00-0331		**Remote Annunciator Accessories** *(28 31 23 00-0312)*		
28 31 23 00-0332	EA	24 Expander Cable Assembly, With Cable And Hardware (EST3 730073)	48.81	10.32
28 31 23 00-0333	EA	12 Expander Cable (Cable Only) (EST3 7120313-01)	34.73	10.32
28 31 23 00-0334	EA	24 Expander Cable (Cable Only) (EST3 7120313-02)	45.29	10.32
28 31 23 00-0335	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglass Window, Beige (EST3 RA-ENC1)	132.36	30.97
28 31 23 00-0336	EA	Dual Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglass Window, Beige (EST3 RA-ENC2)	149.96	30.97
28 31 23 00-0337	EA	Three Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglass Window, Beige (EST3 RA-ENC3)	167.58	30.97
28 31 23 00-0338	EA	Blank Zone Card Insert For RLEDx Controllers (EST3 RA-LED16ZC)	34.73	10.32
28 31 23 00-0339	EA	Blank Zone Card Insert For RLED24x Controllers (EST3 RA-LED24ZC)	34.73	10.32
28 31 23 00-0340	EA	Remote Key Switch, Single Gang Mount, Provides Keyed Control To Enable/Disable Common Control Switches On Remote Annunciators (EST3 RKEY)	65.50	10.32
28 31 23 00-0341		**System Accessories** *(28 31 23 00-0312)*		
28 31 23 00-0342	EA	Battery Cabinet, 14" x 18.25" x 7.25" Free Standing Cabinet With Key Lock, Supports Up To 40 Ah Batteries, Will Hold Up To Two 12V 24A Batteries (EST3 BC-1)	317.44	82.58
28 31 23 00-0343	EA	Isolator Module - RS232, For Use With Short Haul Modems, VDU-3, CCA Series, CGP Series And FCOM-232, Requires 1/2 Size Cabinet Footprint (EST3 IOP3A)	1,141.28	330.33
28 31 23 00-0344		**Conventional Initiating Devices** *(28 31 23 00-0001)*		
28 31 23 00-0345		**Detectors, Heat, Double Pole** *(28 31 23 00-0344)*		
		Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 31 23 00-0346	EA	Heat Detector, 135 Degree F Fixed Temperature (CF135-2)	99.88	30.97
28 31 23 00-0347	EA	Heat Detector, 200 Degree F Fixed Temperature (CF200-2)	99.88	30.97
28 31 23 00-0348	EA	Heat Detector, 135 Degree F ROR/Fixed Temperature (CR135-2)	99.88	30.97
28 31 23 00-0349	EA	Heat Detector, 200 Degree F ROR/Fixed Temperature (CR200-2)	99.88	30.97
28 31 23 00-0350		**Detectors, Rate Compensation Heat, Accessories** *(28 31 23 00-0344)*		
28 31 23 00-0351	EA	Heat Detector, Rate Compensation, Adapter Plate For Mounting 302 And 302-AW To Any 3 Outlet Box Or 4" Octagon Outlet Box (GE AP-P)	67.25	30.97
28 31 23 00-0352	EA	Explosion Proof Outlet Body With Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE JALX11)	148.17	16.51
28 31 23 00-0353	EA	4" Weatherproof, Octagon Backbox And Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE STONCO27)	55.02	20.64
28 31 23 00-0354		**Audio Notification Systems (Standalone Voice Evacuation)** *(28 31 23 00-0001)*		
28 31 23 00-0355		**Audio Notification Panels** *(28 31 23 00-0354)*		
28 31 23 00-0356	EA	Audio Notification Panel, 100W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS100MDG)	2,917.64	412.91
28 31 23 00-0357	EA	Audio Notification Panel, 100W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS100MDR)	2,917.64	412.91
28 31 23 00-0358	EA	Audio Notification Panel, 25W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS25MDG)	2,234.45	412.91
28 31 23 00-0359	EA	Audio Notification Panel, 25W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS25MDR)	2,234.45	412.91
28 31 23 00-0360	EA	Audio Notification Panel, 50W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS50MDG)	2,572.53	412.91
28 31 23 00-0361	EA	Audio Notification Panel, 50W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS50MDR)	2,572.53	412.91
28 31 23 00-0362		**Audio Notification Expander Panels** *(28 31 23 00-0354)*		
28 31 23 00-0363	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS100XG)	2,290.80	412.91
28 31 23 00-0364	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS100XR)	2,290.80	412.91
28 31 23 00-0365	EA	Audio Expander Panel, 25W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS25XG)	1,628.75	412.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0366	EA	Audio Expander Panel, 25W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS25XR)	1,628.75	412.91
28 31 23 00-0367	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS50XG)	2,016.12	412.91
28 31 23 00-0368	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS50XR)	2,016.12	412.91
28 31 23 00-0369		**Audio Notification Output Accessories** *(28 31 23 00-0354)*		
28 31 23 00-0370	EA	Zone Adapter, 1 Circuit To 2 Circuit's (GE ANSZC2B)	84.03	10.32
28 31 23 00-0371	EA	Zone Splitter, 2 Class A Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS2A)	358.23	20.64
28 31 23 00-0372	EA	Zone Splitter, 4 Class B Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS4B)	358.23	20.64
28 31 23 00-0373	EA	Class A Converter (GE ANSZSC4A)	259.63	20.64
28 31 23 00-0374		**Audio Notification Remote Microphone** *(28 31 23 00-0354)*		
28 31 23 00-0375	EA	Microphone (GE ANSMIKE)	104.68	20.64
28 31 23 00-0376	EA	Remote Microphone, Supervised In Surface/Semi-Flush Gray Cabinet, Requires EVX-SC Card In Evcavation Panel (GE ANSREMG)	393.45	20.64
28 31 23 00-0377	EA	Remote Microphone, Supervised In Surface/Semi-Flush Red Cabinet, Requires EVX-SC Card In Evcavation Panel (GE ANSREMR)	393.45	20.64
28 31 23 00-0378	EA	Remote Microphone Supervisory Card, One Per System, Supervises Up To 5 Remote Microphones (GE ANSREMSUP)	91.07	10.32
28 31 23 00-0379	EA	Relay Card For Supervision/Zone Splitter To Remote Microphone (GE ANSZSR)	52.33	10.32
28 31 23 00-0380		**Audio Notification Accessories** *(28 31 23 00-0354)*		
28 31 23 00-0381	EA	Audio Matching - Line Input/Output Card (GE ANSAUX)	168.07	20.64
28 31 23 00-0382	EA	Class B Backup Amplifier Switching Module (GE ANSBKUP)	168.07	20.64
28 31 23 00-0383	EA	Class A Backup Amplifier Switching Module (GE ANSBKUPA)	168.07	20.64
28 31 23 00-0384	EA	Eight Input Remote Serial Interface Module, Accepts Dry Contact Interface To Control Up To 8 Messages, Message Recording Included With Module, For Industrial Signaling Only, Not UL Listed For Fire Alarm / Life Safety Applications (GE ANSRSI8)	358.23	20.64
28 31 23 00-0385		**Audio Notification Modules, Without Cabinet And Transformer** *(28 31 23 00-0354)*		
28 31 23 00-0386	EA	100W Expander Module (No Microphone OR DMR), Requires Transformer Ordered Separately (GE ANS100A) Note: Excludes cabinet.	1,286.95	41.29
28 31 23 00-0387	EA	100W Expander Module With Microphone (No DMR), Requires Transformer Ordered Separately (GE ANS100AM) Note: Excludes cabinet.	1,350.34	41.29
28 31 23 00-0388	EA	100W Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS100AMD) Note: Excludes cabinet.	1,857.45	41.29
28 31 23 00-0389	EA	25W Expander Module (No Microphone Or DMR), Requires Transformer Ordered Separately (GE ANS25A) Note: Excludes cabinet.	716.46	41.29
28 31 23 00-0390	EA	25W Expander Module With Microphone (No DMR), Requires Transformer (GE ANS25AM) Note: Excludes cabinet.	716.46	41.29
28 31 23 00-0391	EA	25W Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS25AMD)	1,286.95	41.29
28 31 23 00-0392	EA	50W Expander Module (No Microphone Or DMR) (GE ANS50A) Note: Excludes cabinet.	1,033.40	41.29
28 31 23 00-0393	EA	50W Expander Module With Microphone (No DMR) (GE ANS50AM) Note: Excludes cabinet.	1,096.79	41.29
28 31 23 00-0394	EA	50W Audio Notification Module With DMR And Microphone (GE ANS50AMD) Note: Excludes cabinet.	1,603.90	41.29
28 31 23 00-0395	EA	Power Transformer, Open Frame, 28Vac @ 180 VA (EVAX 50/100) (GE ANST28180)	84.03	10.32
28 31 23 00-0396	EA	Power Transformer, Open Frame, 28Vac @ 100 VA (EVAX 25) (GE ANST2885)	63.63	10.32
28 31 23 00-0397		**Gamewell-FCI Fire Control Instruments** *(28 31 23)*		
28 31 23 00-0398		**7100 Series And NetSOLO®** *(28 31 23 00-0397)*		
28 31 23 00-0399		**7100 Compact Analog Addressable Fire Alarm Control Panels** *(28 31 23 00-0398)*		
28 31 23 00-0400	EA	Enclosure With Metal Door (Gamewell-FCI 7100-ENCL-M)	687.14	247.34
28 31 23 00-0401	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2)	2,828.99	412.23
28 31 23 00-0402	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2D)	3,053.02	412.23
28 31 23 00-0403	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC), 240 Vac (Gamewell-FCI BK-7100-2-E)	2,828.99	412.23
28 31 23 00-0404	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC), 240 Vac (Gamewell-FCI BK-7100-2D-E)	3,053.02	412.23
28 31 23 00-0405	EA	Replacement Board For 7100-1D (Gamewell-FCI BSM-7100-1)	772.68	41.22
28 31 23 00-0406	EA	Replacement Board For 7100-2 (Gamewell-FCI BSM-7100-1D)	922.55	41.22
28 31 23 00-0407	EA	Analog Loop Unit (Gamewell-FCI ALU)	922.55	41.22
28 31 23 00-0408		**NetSOLO® Intelligent Network** *(28 31 23 00-0398)*		
28 31 23 00-0409	EA	Intelligent Network Interface Module, Fiber Optic (Gamewell-FCI INI-7100-FO) Note: Mounted in 7100 panel.	1,021.16	41.22
28 31 23 00-0410	EA	Intelligent Network Interface Module, Unshielded Twisted Pair (Gamewell-FCI INI-7100-UTP) Note: Mounted in 7100 panel.	815.27	41.22
28 31 23 00-0411		**Components And Accessories** *(28 31 23 00-0398)*		
28 31 23 00-0412	EA	Remote Serial Annunciator, LCD Display (Gamewell-FCI LCD-7100)	508.31	30.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0413	EA	Remote LED Driver Module, Outputs For Remote Panel Switches And 33 Remote LEDs (Gamewell-FCI LDM-7100)	394.83	41.22
28 31 23 00-0414	EA	Fiber Optic Line Driver Module (Gamewell-FCI FLD-1)	707.99	41.22
28 31 23 00-0415	EA	Class "A" Optional Module For Both Signaling Line Circuits (SLC) (Gamewell-FCI CAOM)	297.01	41.22
28 31 23 00-0416	EA	Replacement Enclosure Box (Gamewell-FCI EN-7100)	265.07	82.45
28 31 23 00-0417	EA	Serial Printer (Order RJAA To Db25 Connector Separately) (Gamewell-FCI P7200-TR-2)	729.08	20.61
28 31 23 00-0418		**Addressable Devices, Module, Pulls And Accessories** *(28 31 23 00-0397)*		
28 31 23 00-0419		**Velociti® Series Sensors And Bases** *(28 31 23 00-0418)*		
28 31 23 00-0420	EA	Analog Addressable Plug-In Ionization Smoke Sensor (Gamewell-FCI ASD-IL2F)	126.51	30.92
28 31 23 00-0421	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor (Gamewell-FCI ASD-PL2F)	128.88	30.92
28 31 23 00-0422	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor With 135 Degree F Fixed Temperature Thermal Sensing (Gamewell-FCI ASD-PTL2F)	135.98	30.92
28 31 23 00-0423	EA	Addressable Plug-In Thermal Sensor, 15 Degree F Rate Of Rise, 135 Degree F (Gamewell-FCI ATD-RL2F)	107.58	30.92
28 31 23 00-0424	EA	Addressable Plug-In Thermal Sensor, 190 Degree F (Gamewell-FCI ATD-HL2F)	111.53	30.92
28 31 23 00-0425	EA	Addressable Plug-In Thermal Sensor, 135 Degree F (Gamewell-FCI ATD-L2F)	107.58	30.92
28 31 23 00-0426	EA	Addressable Plug-In Multi-Criteria Analog Sensor (Gamewell-FCI MCS-ACCLIMATE2F)	152.55	30.92
28 31 23 00-0427	EA	Analog Addressable Laser Smoke Sensor, Low Profile (Gamewell-FCI ASD-LS)	318.20	30.92
28 31 23 00-0428	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector Without Relay (Gamewell-FCI ADPF)	280.54	51.53
28 31 23 00-0429	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector With Relay (Gamewell-FCI ADPRF)	312.09	51.53
28 31 23 00-0430	EA	Replacement Duct Detector Board (Gamewell-FCI ADP-F-SB)	163.79	51.53
28 31 23 00-0431	EA	Flanged Mounting Base, For Use With Analog Sensor Or Velociti Sensors (Gamewell-FCI ADB-FLF)	33.23	10.30
28 31 23 00-0432	EA	Harsh Environment Analog Addressable Photoelectric Smoke Sensor (Gamewell-FCI ASD-FILTREX-F)	341.86	30.92
28 31 23 00-0433	EA	Flanged Mounting Base, For Use With ASD-FILTREX Or ASD-FILTREX-F (Gamewell-FCI ADB-FILTREXF)	69.91	10.30
28 31 23 00-0434	EA	Addressable Single-Ended Reflected Beam Smoke Sensor (Gamewell-FCI ABD-2F)	1,188.59	61.83
28 31 23 00-0435		**Velociti® Series Modules And Pull Station** *(28 31 23 00-0418)*		
28 31 23 00-0436	EA	Style "B", Class “B” Addressable Monitor Module (Gamewell-FCI AMM-2F)	91.31	20.61
28 31 23 00-0437	EA	Dual Style "B", Class “B” Addressable Monitor Module (Gamewell-FCI AMM-2IF)	141.40	20.61
28 31 23 00-0438	EA	Style "D", Class “A” Addressable Monitor Module (Gamewell-FCI AMM-4F)	99.20	20.61
28 31 23 00-0439	EA	Subloop Style "D", Class “A” Addressable Monitor Module (Gamewell-FCI AMM-4SF)	135.88	20.61
28 31 23 00-0440	EA	Addressable Output Relay Control Module (Gamewell-FCI AOM-2RF)	114.98	20.61
28 31 23 00-0441	EA	Addressable Output Supervised Module (Gamewell-FCI AOM-2SF)	118.92	20.61
28 31 23 00-0442	EA	Addressable Double Action Station, With AMM-2SF Mini-Mod (Gamewell-FCI MS-7AF)	171.98	41.22
28 31 23 00-0443	EA	Addressable Single Action Pull Station (Gamewell-FCI MS-7ASF)	163.70	41.22
28 31 23 00-0444	EA	Telephone Filters (Gamewell-FCI AOM-TEL-FL)	20.08	4.12
28 31 23 00-0445		**Components And Accessories** *(28 31 23 00-0418)*		
28 31 23 00-0446	EA	Remote LED Annunciator Alarm (Gamewell-FCI RA400Z) Note: Mounts on single gang box.	52.69	16.49
28 31 23 00-0447	EA	Up To 2’ Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-1.5)	51.08	20.61
28 31 23 00-0448	EA	>2' To 4’ Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-3)	52.66	20.61
28 31 23 00-0449	EA	>4' To 8’ Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-5)	54.24	20.61
28 31 23 00-0450	EA	>8' To 10’ Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-10)	68.83	20.61
28 31 23 00-0451	EA	Remote Test Station With LED Alarm And Magnet Test Switch (Gamewell-FCI RTS451) Note: Mounts on single gang box.	77.14	16.49
28 31 23 00-0452		**Fixed And Rate of Rise Heat Detectors** *(28 31 23 00-0418)*		
28 31 23 00-0453	EA	135 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5601P)	75.24	30.92
28 31 23 00-0454	EA	194 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5602)	75.24	30.92
28 31 23 00-0455	EA	135 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5603)	75.24	30.92
28 31 23 00-0456	EA	194 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5604)	75.24	30.92
28 31 23 00-0457		**NAC Expander/Power Supply** *(28 31 23 00-0418)*		
28 31 23 00-0458	EA	FireForce 8 NAC Expander/Power Supply, 12/24 Vdc, 8A, 4 Notification Appliance Circuits, Built-in Synchronization Protocols For Gamewell, Wheelock, Gentex, Faraday, And System Sensor (Gamewell-FCI FF8)	1,227.52	329.78
28 31 23 00-0459	EA	6A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-6)	1,077.64	329.78
28 31 23 00-0460	EA	9A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-9)	1,152.58	329.78
28 31 23 00-0461		**Batteries And Accessories** *(28 31 23 00-0397)*		
28 31 23 00-0462	EA	B-17R, 12 Volt, 17AH Sealed Lead Acid Battery (Gamewell-FCI 100-2010A)	176.90	20.61
28 31 23 00-0463	EA	B-55R, 12 Volt, 55AH Sealed Lead Acid Battery (Gamewell-FCI 100-2710A)	434.06	20.61
28 31 23 00-0464	EA	B-7R, 12 Volt, 7AH Sealed Lead Acid Battery (Gamewell-FCI 100-2311A)	98.02	20.61
28 31 23 00-0465	EA	BC-1, Battery Cabinet, Beige (Gamewell-FCI 1100-0653)	307.67	82.45
28 31 23 00-0466	EA	BC-1R, Battery Cabinet, Red (Gamewell-FCI 1100-0654)	307.67	82.45
28 31 23 00-0467	EA	12”H x 12”W x 24”L Vented Steel Battery Cabinet With Hinged Key Lockable Cover (Gamewell-FCI GW70970)	284.79	82.45
28 31 23 00-0468		**Electronic Door Holders** *(28 31 23 00-0397)* Note: Rixson products.		
28 31 23 00-0469	EA	XK-996, Door Holder Extender Kit, 1-1/2" Spacer (Gamewell-FCI 140-30000)	31.44	4.12
28 31 23 00-0470	EA	FM-980, Floor Mount Door Holder, 12Vdc, 24Vac/DC Or 120Vac (Gamewell-FCI 140-90000)	251.15	30.92
28 31 23 00-0471	EA	FM-981, Floor Mount Holder For Double Doors, 12Vdc, 24Vac/DC Or 120Vac (Gamewell-FCI 140-90001)	337.13	30.92
28 31 23 00-0472	EA	FM-990, Low Profile Mount Door Holder, 12Vdc, 24Vac/DC Or 120Vac (Gamewell-FCI 140-90002)	165.48	30.92
28 31 23 00-0473	EA	FM-996, Surface Mount Door Holder, 12Vdc, 24Vac/DC Or 120Vac (Gamewell-FCI 140-90003)	158.38	30.92
28 31 23 00-0474	EA	FM-997 Recessed Mount Door Holder, 12Vdc, 24Vac/DC Or 120Vac (Gamewell-FCI 140-90004)	165.48	30.92
28 31 23 00-0475	EA	FM-998, Recessed Mount Door Holder With Concealed Wiring, 12Vdc, 24Vac/DC Or 120Vac (Gamewell-FCI 140-90005)	165.17	30.92

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0476			**SpectrAlert® Advance Wall Mount 2-Wire Horn/Strobes** *(28 31 23 00-0397)*		
	28 31 23 00-0477	EA	2 Wire Horn/Strobe, 12/24 V, Red, 15, 15/75, 30, 75, 110 And 115 Candela (Gamewell-FCI P2R)	120.99	30.92
	28 31 23 00-0478	EA	2 Wire Horn/Strobe, 12/24 V, White, 15, 15/75, 30, 75, 110 And 115 Candela (Gamewell-FCI P2W)	120.99	30.92
	28 31 23 00-0479	EA	2 Wire Outdoor Horn/Strobe, 12/24 V, Red, 15, 15/75, 30, 75, 110 And 115 Candela (Gamewell-FCI P2RK)	142.29	30.92
	28 31 23 00-0480	EA	Replacement Outdoor Horn/Strobe, 12/24 V, Red, 15, 15/75, 30, 75, 110 And 115 Candela (Gamewell-FCI P2RK-R)	110.64	20.61
28 31 23 00-0481			**SpectrAlert® Advance Accessories** *(28 31 23 00-0397)*		
	28 31 23 00-0482	EA	Red, Wall Mount Backbox Skirt For Horn/Strobe (Gamewell-FCI BBS-2)	20.65	6.18
	28 31 23 00-0483	EA	White Wall Surface Mount Backbox Skirt For Horn/Strobe (Gamewell-FCI BBSW-2)	20.65	6.18
	28 31 23 00-0484	EA	Red, Ceiling Mount Backbox Skirt For Horn/Strobe (Gamewell-FCI BBSC-2)	24.20	6.18
	28 31 23 00-0485	EA	White, Ceiling Mount Backbox Skirt For Horn/Strobe (Gamewell-FCI BBSCW-2)	24.20	6.18
	28 31 23 00-0486	EA	Weatherproof, Red, Wall Mount Backbox Skirt For Horn/Strobe (Gamewell-FCI SA-WBB)	30.12	6.18
	28 31 23 00-0487	EA	Weatherproof, Red, Ceiling Mount Backbox Skirt For Horn/Strobe (Gamewell-FCI SA-WBBC)	30.12	6.18
28 31 23 00-0488			**Fire Alarm Programming** *(28 31 23 00-0397)* Note: For device replacement projects only. Do not use these tasks on projects where a fire alarm panel is replaced.		
	28 31 23 00-0489	EA	Program And Test Up To 5 Fire Alarm Devices	500.00	
	28 31 23 00-0490	EA	Program And Test >5 To 20 Fire Alarm Devices	1,000.00	
	28 31 23 00-0491	EA	Program And Test >20 To 50 Fire Alarm Devices	2,000.00	
28 31 23 00-0492			**Simplex Fire Alarm** *(28 31 23)*		
28 31 23 00-0493			**4100U Fire Alarm Control Panel** *(28 31 23 00-0492)*		
	28 31 23 00-0494	EA	4100U Master Controller Assembly With LCD And Operator Interface, 9A System Power Supply/Battery Charger (SPS), 250 Point IDNet Interface, 3 NACS, Auxiliary Relay And External RUI Communications Interface, 120VAC Input (Simplex 4100-9111)	3,784.79	412.23
	28 31 23 00-0495	EA	4100ES NDU With Master Controller, LCD And Operator Interface, Network Interface Module (Select Media Card Separately), 9 A System Power Supply/Battery Charger, And External RUI Communications Interface (Power Supply/Battery Charger Is An SPS With Its IDNet Channel And NACs Disabled), 120V Input (Simplex 4100-9141)	4,090.75	412.23
	28 31 23 00-0496	EA	4100ES NDU With VCC Includes The First Bay Equipment Described For The NDU And A Second Bay Assembly With Separate: Master Controller For Voice Functions, Network Interface (Select Media Card Separately), And A Standard SPS With 250 Point IDNet Channel; And 3, 3 A Class A/B NACs Capable Of SmartSync Two-Wire Operation, 120 V Input (Simplex 4100-9142)	5,693.23	412.23
	28 31 23 00-0497	EA	IDNet Module, Up To 127 Points (Simplex 4100-3104) Note: Add-on module.	2,582.42	412.23
	28 31 23 00-0498	EA	IDNet Module, Up To 64 Points (Simplex 4100-3105) Note: Add-on module.	2,115.81	412.23
	28 31 23 00-0499	EA	Expansion Power Supply, 3 NACs, 120VAC (Simplex 4100-5101) Note: Add-on module.	1,121.79	103.05
	28 31 23 00-0500	EA	Alarm Relay, 3 Form C Relays, 2A @ 32 VDC, For SPS Or RPS (Simplex 4100-6033) Note: Add-on module.	234.16	20.61
	28 31 23 00-0501	EA	Dual Port RS-232 Interface Card (Simplex 4100-6038) Note: Add-on module.	651.68	20.61
28 31 23 00-0502			**4100U Backbox** *(28 31 23 00-0492)*		
	28 31 23 00-0503	EA	2 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9425) Note: 24" x 40" beige backbox.	1,154.89	82.45
	28 31 23 00-0504	EA	3 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9443) Note: 24" x 56" beige backbox.	1,608.85	82.45
28 31 23 00-0505			**DACT (Digital Alarm Communicator Transmitter)** *(28 31 23 00-0492)*		
	28 31 23 00-0506	EA	6 Zone Fire Control Communicator (Silent Knight SK-5104)	630.28	41.22
28 31 23 00-0507			**Printer** *(28 31 23 00-0492)*		
	28 31 23 00-0508	EA	24 Pin Dot Matrix Printer (Simplex 4190-9013)	1,116.35	20.61
28 31 23 00-0509			**NAC Panel / Power Booster** *(28 31 23 00-0492)*		
	28 31 23 00-0510	EA	IDNet NAC Extender With 4, Class B (Style Y) NACs and 8A Power Supply, 120VAC (Simplex 4009-9201) Note: Power supply for horns and strobes.	768.29	103.05
28 31 23 00-0511			**Battery** *(28 31 23 00-0492)*		
	28 31 23 00-0512	EA	50Ah Sealed Lead Acid Battery (Simplex 2081-9296) Note: Two required for 24VDC.	457.78	20.61
	28 31 23 00-0513	EA	33Ah Sealed Lead Acid Battery (Simplex 2081-9276) Note: Two required for 24VDC.	307.67	20.61
	28 31 23 00-0514	EA	6.2Ah Sealed Lead Acid Battery (Simplex 2081-9272) Note: Two required for 24VDC.	117.53	20.61
28 31 23 00-0515			**Interface Modules** *(28 31 23 00-0492)*		
	28 31 23 00-0516	EA	Supervised Individual Addressable Modules (Simplex 4090-9001) Note: Monitor modules for waterflow/tamper, etc.	96.90	20.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0517	EA	Relay Individual Addressable Modules (Simplex 4090-9002) Note: Control modules for gas shutdown, door holders, etc.	189.56	20.61
28 31 23 00-0518	EA	Relay SPDT With LED MR-801/T (Simplex 2088-9032) Note: Interface relay for 120VAC	53.25	20.61
28 31 23 00-0519	EA	SmartSync™ Adapter Module For Non-Addressable Notification Appliance Circuits (NACs) (Simplex 4905-9815)	97.92	20.61
28 31 23 00-0520	EA	Surface Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9817)	44.15	10.30
28 31 23 00-0521	EA	Flush Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9818)	42.19	10.30
28 31 23 00-0522		**Pull Stations** *(28 31 23 00-0492)*		
28 31 23 00-0523	EA	Addressable Single Action Manual Pull Station (Simplex 4099-9001)	158.01	41.22
28 31 23 00-0524	EA	N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9101)	127.58	41.22
28 31 23 00-0525	EA	N.C. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9102)	133.46	41.22
28 31 23 00-0526	EA	Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9103)	124.93	41.22
28 31 23 00-0527	EA	N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9104)	137.39	41.22
28 31 23 00-0528	EA	N.C. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9105)	182.15	41.22
28 31 23 00-0529	EA	Pre-Signal, N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9107)	160.93	41.22
28 31 23 00-0530	EA	Pre-Signal, N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9108)	180.55	41.22
28 31 23 00-0531	EA	Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9754)	111.23	41.22
28 31 23 00-0532	EA	Local Alarm Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9755)	114.82	41.22
28 31 23 00-0533	EA	Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9756)	126.38	41.22
28 31 23 00-0534	EA	N.C. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9758)	168.40	41.22
28 31 23 00-0535	EA	Pre-Signal, N.O. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9759)	254.35	41.22
28 31 23 00-0536	EA	Institutional Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9762)	117.77	41.22
28 31 23 00-0537	EA	Surface Mount Steel Box For Manual Pull Station (Simplex 2975-9178)	46.12	10.30
28 31 23 00-0538		**Weatherproof Pull Stations** *(28 31 23 00-0492)*		
28 31 23 00-0539	EA	Weather Proof Single Action Pull Station, Cast Metal, B Lock, SPST (Simplex 2099-9138)	149.17	41.22
28 31 23 00-0540	EA	Surface Mount Cast Aluminum Box For Exterior Pull Station (Simplex 2975-9211)	72.19	10.30
28 31 23 00-0541		**Heat / Smoke Sensor** *(28 31 23 00-0492)*		
28 31 23 00-0542	EA	32 To 122 Degree F Heat Sensor (Simplex 4098-9733)	119.62	30.92
28 31 23 00-0543	EA	Photoelectric Smoke Sensor (Simplex 4098-9714)	167.79	30.92
28 31 23 00-0544	EA	Sensor Base With Relay Driver (Simplex 4098-9791)	304.08	10.30
28 31 23 00-0545	EA	Standard Sensor Base (Simplex 4098-9792)	156.85	10.30
28 31 23 00-0546	EA	Remote Supervised Relay Accessory For Sensor Base With Relay Driver (Simplex 2098-9737) Note: Relay for 4098-9791	97.26	20.61
28 31 23 00-0547		**Explosion Proof Heat Detector** *(28 31 23 00-0492)*		
28 31 23 00-0548	EA	135 Degree F Explosion Proof Heat Detector (Simplex 2098-9488)	125.78	30.92
28 31 23 00-0549	EA	Explosion Proof Backbox (Killark JLX-21)	77.52	10.30
28 31 23 00-0550	EA	Explosion Proof Backbox Plugs (Killark CUP-2)	7.60	2.06
28 31 23 00-0551		**Weatherproof Heat Detector** *(28 31 23 00-0492)*		
28 31 23 00-0552	EA	194 Degree F Fixed Hardwired Weatherproof Heat Detector (Simplex 2098-9490)	94.84	30.92
28 31 23 00-0553		**200 Degree F Heat Detector** *(28 31 23 00-0492)*		
28 31 23 00-0554	EA	194 Degree F Heat Detector, ROR/Fixed Temperature (Simplex 5604) Note: Used in kiln rooms and kitchens.	81.01	30.92
28 31 23 00-0555		**Duct Smoke Sensor** *(28 31 23 00-0492)*		
28 31 23 00-0556	EA	Duct Sensor Housing (Simplex 4098-9755)	249.61	16.49
28 31 23 00-0557	EA	Duct Sensor Housing With Supervised Output For Multiple Remote Relays, 4-Wire (Simplex 4098-9756) Note: Relay output for AHU shutdown.	343.46	37.10
28 31 23 00-0558	EA	Duct Sampling Tube (Simplex 2098-9798) Note: 25", 49", 73" or 97" sampling tube length.	32.83	6.18
28 31 23 00-0559	EA	Remote Duct Test Station With Keyswitch And Red LED Status Indicator (Simplex 2098-9806)	100.68	30.92
28 31 23 00-0560		**Interior Horn** *(28 31 23 00-0492)*		
28 31 23 00-0561	EA	Red With White “FIRE” Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9850)	94.24	30.92
28 31 23 00-0562	EA	White With Red “FIRE” Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9853)	94.24	30.92
28 31 23 00-0563		**Interior Horn Strobe** *(28 31 23 00-0492)*		
28 31 23 00-0564	EA	Wall Mounted Horn Strobe, Multi-Candela, Red (Wheelock HS4-24MCW-FR)	124.84	30.92
28 31 23 00-0565	EA	Surface Backbox For HS4 Series (Wheelock DBB-R)	29.06	10.30
28 31 23 00-0566	EA	Wall Mounted Horn Strobe, 75Cd, Red (Simplex 4903-9426)	124.84	30.92
28 31 23 00-0567	EA	Wall Mounted Horn Strobe, 110Cd, Red (Simplex 4903-9427)	124.84	30.92
28 31 23 00-0568	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9127)	117.86	30.92
28 31 23 00-0569	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9128)	117.86	30.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0570	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9129)	117.86	30.92
28 31 23 00-0571	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9130)	117.86	30.92
28 31 23 00-0572	EA	Weatherproof, Red Housing, White Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9131)	120.20	30.92
28 31 23 00-0573	EA	Weatherproof, White Housing, Red Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9132)	120.20	30.92
28 31 23 00-0574	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9139)	124.32	30.92
28 31 23 00-0575	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9140)	122.42	30.92
28 31 23 00-0576	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9141)	124.32	30.92
28 31 23 00-0577	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9142)	122.42	30.92
28 31 23 00-0578	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9227)	117.86	30.92
28 31 23 00-0579	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9228)	117.86	30.92
28 31 23 00-0580	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9229)	117.86	30.92
28 31 23 00-0581	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9230)	117.86	30.92

28 31 23 00-0582 Weatherproof Horn Strobe *(28 31 23 00-0492)*

28 31 23 00-0583	EA	Wall Mounted Weatherproof Horn Strobe, 4 Wire, Multi-Candela, Red (Wheelock MTWP-2475W-FR)	132.18	30.92
28 31 23 00-0584	EA	Weatherproof Surface Backbox For MTWP Series (Wheelock IOB-R)	32.97	10.30

28 31 23 00-0585 Interior Strobe *(28 31 23 00-0492)*

28 31 23 00-0586	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9101)	103.03	30.92
28 31 23 00-0587	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9102)	103.03	30.92
28 31 23 00-0588	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9103)	103.00	30.92
28 31 23 00-0589	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9104)	103.03	30.92
28 31 23 00-0590	EA	Weatherproof, Red Housing, White Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9105)	111.90	30.92
28 31 23 00-0591	EA	Weatherproof, White Housing, Red Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9106)	111.90	30.92
28 31 23 00-0592	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9109)	112.47	30.92
28 31 23 00-0593	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9110)	114.01	30.92
28 31 23 00-0594	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9111)	114.01	30.92
28 31 23 00-0595	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9112)	114.01	30.92
28 31 23 00-0596	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9201)	103.03	30.92
28 31 23 00-0597	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9202)	103.03	30.92
28 31 23 00-0598	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9203)	103.03	30.92
28 31 23 00-0599	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9204)	103.03	30.92
28 31 23 00-0600	EA	Wall Mounted Strobe, Multi-Candela, Red (Wheelock RSS-24MCW-FR)	92.76	30.92
28 31 23 00-0601	EA	Surface Backbox For RSS Series (Wheelock SHBB-R)	31.53	10.30

28 31 23 00-0602 Weatherproof Strobe *(28 31 23 00-0492)*

28 31 23 00-0603	EA	Weatherproof Wall Mounted Strobe, Multi-Candela, Red (Wheelock RSSWP-2475W-FR)	115.59	30.92
28 31 23 00-0604	EA	Weatherproof Surface Backbox For RSSWP Series (Wheelock WPSBB-R)	35.40	10.30

28 31 23 00-0605 Interior Speakers *(28 31 23 00-0492)*

28 31 23 00-0606	EA	Red With White “FIRE” Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9716)	86.73	30.92
28 31 23 00-0607	EA	White With Red “FIRE” Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9717)	86.73	30.92
28 31 23 00-0608	EA	Ceiling Or Wall Mount, Round Housing Speaker (Simplex 4902-9721)	86.73	30.92

28 31 23 00-0609 Interior Speaker Strobe *(28 31 23 00-0492)*

28 31 23 00-0610	EA	Red Housing, White Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9151)	131.76	30.92
28 31 23 00-0611	EA	White Housing, Red Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9153)	131.76	30.92

28 31 23 00-0612 Surge Suppressors *(28 31 23 00-0492)*

28 31 23 00-0613	EA	Overvoltage Suppressor (Simplex 2081-9044)	78.42	6.18
28 31 23 00-0614	EA	Isolated Loop Circuit Protector (Simplex 2081-9028)	51.24	6.18
28 31 23 00-0615	EA	120V, 20A Multi Stage Hybrid Surge Protector With EMI/RFI Filtering (Ditek 120S20A)	164.50	6.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0616	EA	24V Data And Loop Circuit Surge Protector (Ditek DTK-2MHLP24B)	58.24	6.18
28 31 23 00-0617	EA	Mounting Base For Two DTK-2MHLP (Ditek DTK-2MB)	88.22	10.30
28 31 23 00-0618		**Boxes And Adapters** *(28 31 23 00-0492)*		
28 31 23 00-0619	EA	Semi-Flush Mount Modular Adapter Using Standard 4" Square Electrical Box (Simplex 4905-9921)	42.19	10.30
28 31 23 00-0620	EA	Surface Mount Modular Adapter Using Simplex Box (Simplex 4905-9925)	40.23	10.30
28 31 23 00-0621	EA	Red, Surface Mount Adapter Skirt (Simplex 4905-9937)	36.38	10.30
28 31 23 00-0622	EA	White, Surface Mount Adapter Skirt (Simplex 4905-9940)	30.93	10.30
28 31 23 00-0623		**Accessories** *(28 31 23 00-0492)*		
28 31 23 00-0624	EA	End-Of-Line Resistor Harness, 10 k Ohms, 1/2 W, Two Required, One Each For Audible And Visible Output (Simplex 4081-9008)	22.89	10.30
28 31 23 00-0625		**Covers** *(28 31 23 00-0492)*		
28 31 23 00-0626	EA	Pull Station Polycarbonate Cover, Semi Flush (STI-1200)	91.93	20.61
28 31 23 00-0627	EA	Pull Station Polycarbonate Cover With Spacer (STI-1230) Note: For surface mounted pull stations.	100.38	20.61
28 31 23 00-0628	EA	Horn Strobe Polycarbonate Cover With Spacer (STI-1210D) Note: For surface mounted horn strobes.	100.38	20.61
28 31 23 00-0629	EA	Horn Strobe Polycarbonate Cover, Semi Flush (STI-1210E)	91.93	20.61
28 31 23 00-0630	EA	Strobe Damage Stopper And Open Backbox With Conduit Knockout (STI-1221D) Note: For surface mounted strobe.	100.38	20.61
28 31 23 00-0631	EA	Strobe Damage Stopper And Open Backbox, Semi Flush (STI-1221E)	91.93	20.61
28 31 23 00-0632	EA	Gasket Kit For STI Covers (STI SUB-121)	29.27	
28 31 23 00-0633		**Siemens Fire Alarm** *(28 31 23)*		
28 31 23 00-0634		**Conventional Control Panels** *(28 31 23 00-0633)*		
28 31 23 00-0635		**SXL Batteries And Power Supplies** *(28 31 23 00-0634)*		
28 31 23 00-0636	EA	6 Amp Notification Appliance Circuit Expander With Built-In Auxiliary Power Output (Siemens PAD-3)	657.17	41.22
28 31 23 00-0637	EA	Main Board Only For PAD-3 (Siemens PAD-3-MB)	533.21	41.22
28 31 23 00-0638		**Digital Fire Communicators** *(28 31 23 00-0634)*		
28 31 23 00-0639	EA	Four Channel Digital Slave Fire Communicator (Siemens 5129)	516.87	41.22
28 31 23 00-0640		**Addressable Control Panels** *(28 31 23 00-0633)*		
28 31 23 00-0641		**Fireseeker Equipment** *(28 31 23 00-0640)*		
28 31 23 00-0642		**FS-250 System Panels** *(28 31 23 00-0641)*		
28 31 23 00-0643	EA	FS-250 Electronics Package Including One FS-250-CON And Two FS-NPE, Excludes Enclosure (Siemens FS-250-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer.	1,734.99	412.23
28 31 23 00-0644	EA	FS-250 Electronics Package Including One FS-250-CON, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-REL-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	2,113.62	412.23
28 31 23 00-0645	EA	FS-250-SRX Releasing Electronics Package Including One FS-250-CON2-SRX, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-SRX-EKIT) Note: FS-250-CON2-SRX is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	1,301.89	329.78
28 31 23 00-0646	EA	Electronics Package For Releasing Water Or Agent (Siemens FS-250-CON)	1,737.24	412.23
28 31 23 00-0647		**FS-250 Optional Modules** *(28 31 23 00-0641)*		
28 31 23 00-0648	EA	Main Board Module (Siemens FS-MB2)	661.68	41.22
28 31 23 00-0649	EA	Display Board Module (Siemens FS-DB2)	510.01	20.61
28 31 23 00-0650	EA	Device Loop Card (Siemens FS-DLC)	419.86	20.61
28 31 23 00-0651	EA	Releasing Module (Siemens FS-REL)	192.22	20.61
28 31 23 00-0652	EA	Remote LCD Annunciator (Siemens FS-RD2)	417.04	20.61
28 31 23 00-0653	EA	Relay Processor Card (Siemens FS-RU2)	363.51	20.61
28 31 23 00-0654	EA	Relay Expander Board (Siemens FS-RE8)	311.68	20.61
28 31 23 00-0655	EA	Serial Annunciator Processor Card (Siemens FS-SAU2)	417.04	20.61
28 31 23 00-0656	EA	16 Output Annunciator Extender (Siemens FS-SAE16)	327.45	20.61
28 31 23 00-0657	EA	Digital Alarm Communication Transmitter (Siemens FS-DACT)	298.72	20.61
28 31 23 00-0658	EA	Municipal Tie Module (Siemens FS-MT)	255.33	20.61
28 31 23 00-0659	EA	Configuration Tool Including Laptop To FS-250 Cable And Software (Siemens FS-CT2)	244.16	
28 31 23 00-0660	EA	Programming Cable Kit (Siemens CBL-UD)	64.00	10.30
28 31 23 00-0661	EA	Notification Appliance Circuit Power Expander Transformer (Siemens FS-NPE)	116.16	20.61
28 31 23 00-0662	EA	Releasing Power Transformer (Siemens FS-RPT-A)	117.85	20.61
28 31 23 00-0663	EA	Surface Mounted Box For Remote LCD Annunciator (Siemens FS-RD-SB)	129.88	16.49
28 31 23 00-0664	EA	Cabinet Trim Kit (Siemens RD-CAB-TK)	203.17	10.30
28 31 23 00-0665		**Firefinder Systems** *(28 31 23 00-0640)*		
28 31 23 00-0666		**XLS Basic Fire System Packages Without Backbox** *(28 31 23 00-0665)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0667	EA	500 Point Firefinder Package Including Two DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-500-ID-SP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	5,791.95	412.23
28 31 23 00-0668	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-ID-SP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	5,148.49	412.23
28 31 23 00-0669	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-INT-ID-SP) Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	5,148.49	412.23
28 31 23 00-0670	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB2-BD And One OD-LP (Siemens XLS-250-CAB2-BD) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB2-BD is a two row inner and outer door set. OD-LP is an outer door clear plastic lens plate.	8,346.63	412.23
28 31 23 00-0671	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB3-BD, One BCL, One ID-SP And One OD-LP (Siemens XLS-250-CAB3-BD) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB3-BD is a three row inner and outer door set. ID-SP is an inner door blank single plate. OD-LP is an outer door clear plastic lens plate.	8,613.71	412.23
28 31 23 00-0672	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-EP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	5,083.69	412.23
28 31 23 00-0673	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-INT-EP) Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	5,083.69	412.23
28 31 23 00-0674	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-8B, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC8B-EP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-8B is an eight circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	5,836.46	412.23

28 31 23 00-0675 Firefinder - XLS Basic System Equipment *(28 31 23 00-0665)*

28 31 23 00-0676	EA	Person Machine Interface With Central Processor (Siemens PMI) Note: Includes inner door.	2,702.43	412.23
28 31 23 00-0677	EA	Person Machine Interface With Central Processor, DE-2 And DPU (Siemens PMI-DPU-ENC) Note: Includes inner door.	4,365.17	412.23
28 31 23 00-0678	EA	Person Machine Interface With Multilingual Overlays And Central Processor (Siemens PMI-INT) Note: Includes inner door.	2,702.43	412.23
28 31 23 00-0679	EA	Two Slot Card Cage (Siemens CC-2)	320.69	20.61
28 31 23 00-0680	EA	Five Slot Card Cage (Siemens CC-5)	535.37	20.61
28 31 23 00-0681	EA	Four Circuit Zone Indicating Card (Siemens ZIC-4A)	760.75	20.61
28 31 23 00-0682	EA	Eight Circuit Zone Indicating Card (Siemens ZIC-8B)	793.99	20.61
28 31 23 00-0683	EA	Two Channel Adapter Card For ZIC-8B (Siemens ZIC-2C)	257.58	20.61
28 31 23 00-0684	EA	Device Loop Card (Siemens DLC) Note: Interfaces with up to 252 detectors and devices.	899.92	20.61
28 31 23 00-0685	EA	Controllable Relay Card (Siemens CRC-6) Note: Provides six programmable relays.	513.95	20.61
28 31 23 00-0686	EA	12 Amp Power Supply Charger Module (Siemens PSC-12)	1,919.20	20.61
28 31 23 00-0687	EA	Person Machine Interface With Central Processor And GPMI-UK Software Upgrade Kit (Siemens GPMI) Note: Software kit provides interface with multiple FireFinder XLS and MXL systems.	3,454.07	412.23
28 31 23 00-0688	EA	Network Interface Card (Siemens NIC-C) Note: Provides HNET Or XNET communication between enclosures.	599.60	20.61
28 31 23 00-0689	EA	12 Amp Power Supply Extender (Siemens PSX-12) Note: Extends PSC-12 with an additional 24 Vdc.	1,598.03	20.61
28 31 23 00-0690	EA	Power Termination Board (Siemens PTB) Note: Used with systems requiring more than one PSX-12.	277.87	20.61
28 31 23 00-0691	EA	Conventional Detector Card (Siemens CDC-4)	578.19	20.61
28 31 23 00-0692	EA	Multi-Mode Network Fiber Optic Interface Module (Siemens D2300CPS)	1,123.04	20.61
28 31 23 00-0693	EA	Single-Mode Network Fiber Optic Interface Module (Siemens D2325CPS)	4,012.42	20.61

28 31 23 00-0694 Remote Lobby Enclosure *(28 31 23 00-0665)*

28 31 23 00-0695	EA	14-1/2" x 18-1/2" x 5" Two Module Remote Enclosure (Siemens REMBOX2) Note: Flush mounted. Includes clear lens plate on cover.	777.36	82.45
28 31 23 00-0696	EA	24" x 18-1/2" x 5" Four Module Remote Enclosure (Siemens REMBOX4) Note: Flush mounted. Includes clear lens plate on cover.	991.47	82.45
28 31 23 00-0697	EA	Optional Mounting Plate For REMBOX2 (Siemens REMBOX2-MP) Note: Required to mount up to four SIM-16 or OCM-16 modules.	127.43	20.61
28 31 23 00-0698	EA	Optional Mounting Plate For REMBOX4 (Siemens REMBOX4-MP) Note: Required to mount up to eight SIM-16 or OCM-16 modules.	138.13	20.61

28 31 23 00-0699 Battery Enclosures *(28 31 23 00-0665)*

28 31 23 00-0700	EA	Enclosure For 100Ah Batteries (Siemens CAB-BATT)	497.89	82.45

28 31 23 00-0701 Graphic Annunciator Output Drivers And Inputs *(28 31 23 00-0665)*

28 31 23 00-0702	EA	Output Control Module (Siemens OCM-16)	374.22	20.61
28 31 23 00-0703	EA	Supervised Input Module (Siemens SIM-16)	374.22	20.61

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0704		**Remote LCD Displays** *(28 31 23 00-0665)*		
28 31 23 00-0705	EA	Remote LED/LCD System Status Display (Siemens SSD) Note: No control or menu capability.	874.75	61.83
28 31 23 00-0706	EA	Remote LED/LCD System Status Display, Buttons To Acknowledge Events, Silence Audible Circuits And Resetting (Siemens SSD-C)	982.37	61.83
28 31 23 00-0707		**Voice Equipment** *(28 31 23 00-0665)*		
28 31 23 00-0708	EA	40W Zone Amplifier Card (Siemens ZAC-40)	848.08	20.61
28 31 23 00-0709	EA	180W Zone Amplifier Module (Siemens ZAM-180)	1,866.23	20.61
28 31 23 00-0710	EA	Live Voice Module (Siemens LVM) Note: Includes a dynamic microphone with a push-to-talk switch and ready-to-page indicator light, as well as a small local speaker and volume control for monitoring audio signals.	792.30	20.61
28 31 23 00-0711		**MXL Series Equipment** *(28 31 23 00-0640)*		
28 31 23 00-0712		**MXL Optional Equipment** *(28 31 23 00-0711)*		
28 31 23 00-0713	EA	Two Circuit Analog Loop Driver (Siemens ALD-2I)	923.12	41.22
28 31 23 00-0714	EA	CXL/MXL Interface Module (Siemens CMI-300)	2,340.10	20.61
28 31 23 00-0715	EA	Four Relay Programmable Relay Module (Siemens CRM-4)	410.84	20.61
28 31 23 00-0716	EA	Two Circuit Controllable Signal/Releasing Module (Siemens CSM-4)	493.67	20.61
28 31 23 00-0717	EA	Remote Conventional Zone Module (Siemens CZM-1B6)	192.79	20.61
28 31 23 00-0718	EA	Short Circuit Line Isolator Module (Siemens Model LIM-1)	123.48	20.61
28 31 23 00-0719	EA	Four Circuit Conventional Zone Module (Siemens CZM-4)	480.71	20.61
28 31 23 00-0720	EA	12" x 16" x 3" Enclosure For PAD-3 (Siemens EN-PAD)	185.79	30.92
28 31 23 00-0721	EA	Lexan Window For RCC (Siemens GENBOX-WD)	123.69	16.49
28 31 23 00-0722	EA	Input Driver Module (Siemens MID-16)	319.00	20.61
28 31 23 00-0723	EA	Programmable Output Driver Module (Siemens MOD-16)	319.00	20.61
28 31 23 00-0724	EA	MXL Output/Input Module (Siemens MOI-7)	503.81	20.61
28 31 23 00-0725	EA	Two Slot Network Option Module Card Cage (Siemens MOM-2)	273.36	20.61
28 31 23 00-0726	EA	Four Slot Network Option Module Card Cage (Siemens MOM-4)	423.80	20.61
28 31 23 00-0727	EA	12 Amp, 220 Vac Power Supply For MXL (Siemens MPS-12/220)	1,048.29	61.83
28 31 23 00-0728	EA	12 Amp, 240 Vac Power Supply For MXL (Siemens MPS-12/240)	1,048.29	61.83
28 31 23 00-0729	EA	Network Interface Module (Siemens NIM-1W)	746.10	20.61
28 31 23 00-0730	EA	U.L. Listed Parallel Printer (Siemens PAL-1)	1,967.93	82.45
28 31 23 00-0731	EA	Peripheral Interface Module, Model PIM-1 (Siemens 500-691324)	226.60	20.61
28 31 23 00-0732	EA	Surface Mounted Remote Command Center (Siemens RCC-1)	2,326.04	412.23
28 31 23 00-0733	EA	Enclosure And Door With Lens For RCC-1 (Siemens RCC-1DL)	281.35	41.22
28 31 23 00-0734	EA	Flush Mounted Remote Command Center (Siemens RCC-1F)	2,326.04	412.23
28 31 23 00-0735	EA	Enclosure And Door With Lens For RCC-1F (Siemens RCC-1FDL)	288.11	41.22
28 31 23 00-0736	EA	Remote Control Center With System Control Functions And Sequential Event Display (Siemens RCC-2)	1,838.66	412.23
28 31 23 00-0737	EA	MXL/MXLV Remote Annunciator/Keyboard With Enhanced Display (Siemens RCC-3)	2,643.83	412.23
28 31 23 00-0738	EA	RCC-2/RSE-1 Trim Ring (Siemens RCF-1)	45.97	10.30
28 31 23 00-0739	EA	Remote Diagnostics Module For MXL (Siemens RDM-MXL)	3,012.39	41.22
28 31 23 00-0740	EA	Remote Diagnostics Module For PC (Siemens RDM-PC)	6,391.40	41.22
28 31 23 00-0741	EA	Releasing End Of Line Module (Siemens REL-EOL)	102.64	20.61
28 31 23 00-0742	EA	36 Zone Tabular Graphic Annunciator With Restart System Key (Siemens RSA-MBSC)	1,928.88	41.22
28 31 23 00-0743	EA	36 Zone Tabular Graphic Annunciator (Siemens RSA-MBTL)	1,842.67	41.22
28 31 23 00-0744	EA	8-3/8" x 6-1/4" Remote Control Enclosure (Siemens RSE-1)	1,010.63	82.45
28 31 23 00-0745		**Complete MXL And MXLV System Packages Without Enclosure** *(28 31 23 00-0711)*		
28 31 23 00-0746	EA	MXL System Electronics Package Including One MMB-3, One Display/Control Keyboard, One MDL-1, One MKB-2, One Mps-6, One MOM-2, One ALD-2I And One PIM-1 (Siemens MXL-SS-EP) Note: MMB-3 is a MXL/MXLV main control board. MDL-1 is a clear lens. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. MOM-2 is a two slot network option module card cage. ALD-2I is a two circuit analog loop driver. PIM-1 is a peripheral interface module.	7,423.14	412.23
28 31 23 00-0747	EA	MXL Voice System Electronics Package Including One MMB-3, One MKB-2, One MPS-6, One ACM-1, One TBM-2, One MMM-1, One OMM-2, One ZAC-30, One OCC-1, One MHD-5, One VSM-1 And Four VSB-1 (Siemens MXLV-SS-EP) Note: MMB-3 is a MXL/MXLV main control board. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. ACM-1 is an audio control module. TBM-2 is a voice terminal module. MMM-1 is a master microphone module. OMM-2 is a two half width slot card cage. ZAC-30 is a MXLV zone amplifier card. OCC-1 is a MXLV output control card. MHD-5 is a deadfront panel for MSE-2 backbox. VSM-1 is an eight switch module. VSB-1 is a module blank with overlay.	9,534.95	412.23
28 31 23 00-0748	EA	MXLV Demonstration Panel (Siemens MXLV DEMO)	19,397.58	412.23
28 31 23 00-0749		**MXL Basic System** *(28 31 23 00-0711)*		
28 31 23 00-0750	EA	MXL/MXLV Main Control Board (Siemens MMB-3)	4,765.91	412.23
28 31 23 00-0751	EA	MXL System Electronics Package Including One MMB-3, One DE-2 And One DPU (Siemens MMB-DPU-ENCL) Note: MMB-3 is a MXL/MXLV main control board. DE-2 is an enclosure for document storage. DPU is a handheld device programming and testing unit.	6,027.47	412.23
28 31 23 00-0752	EA	MXL/MXLV Display/Keyboard Module With Hinged Frame (Siemens MKB-2)	1,630.25	41.22
28 31 23 00-0753	EA	MXL/MXLV Keyboard With Enhanced Display With Hinged Frame (Siemens MKB-5)	2,037.06	41.22
28 31 23 00-0754	EA	6 Amp Power Supply For MXL (Siemens MPS-6)	732.20	61.83
28 31 23 00-0755	EA	220/240 Vac Adapter Cable (Siemens CIA-12)	57.23	10.30
28 31 23 00-0756		**MXL/MXLR System Expansion Accessories** *(28 31 23 00-0711)*		
28 31 23 00-0757	EA	MXL Remote Power Supply Module (Siemens PSR-1)	891.65	61.83
28 31 23 00-0758	EA	Style 4 Communication Module (Siemens NET-4)	187.15	20.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0759	EA	Style 7 Communication Module (Siemens NET-7)	331.96	20.61
28 31 23 00-0760	EA	MXL/MXL-IQ/MXLV Intelligent Control Point, B6 Chip (Siemens ICP-B6)	203.49	20.61
28 31 23 00-0761		**Peripheral Devices** *(28 31 23 00-0640)*		
28 31 23 00-0762		**Thermal Detectors** *(28 31 23 00-0761)*		
28 31 23 00-0763	EA	Rate Of Rise And 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135R)	89.44	30.92
28 31 23 00-0764	EA	Rate Of Rise And 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200R)	89.44	30.92
28 31 23 00-0765	EA	135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135F)	89.44	30.92
28 31 23 00-0766	EA	200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200F)	89.44	30.92
28 31 23 00-0767	EA	Weatherproof 135 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-135WP)	131.70	30.92
28 31 23 00-0768	EA	Weatherproof 200 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-200WP)	131.70	30.92
28 31 23 00-0769	EA	Explosion Proof 190 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-190EP)	302.42	30.92
28 31 23 00-0770		**Beam Smoke Detector** *(28 31 23 00-0761)*		
28 31 23 00-0771	EA	Linear Beam Smoke Detector (Siemens PBA-1191)	1,384.52	30.92
28 31 23 00-0772	EA	Base For Linear Beam Smoke Detector (Siemens PBB-1191)	160.35	10.30
28 31 23 00-0773	EA	20cm x 20cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1192)	162.04	10.30
28 31 23 00-0774	EA	10cm x 10cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1193)	85.41	10.30
28 31 23 00-0775		**Bases For Detectors** *(28 31 23 00-0761)*		
28 31 23 00-0776	EA	Detector Base (Siemens DB-11)	29.06	10.30
28 31 23 00-0777	EA	Universal Base (Siemens DB-3S)	27.37	10.30
28 31 23 00-0778		**Manual Stations** *(28 31 23 00-0761)*		
28 31 23 00-0779	EA	Weatherproof Metal Manual Pull Station With Key (Siemens MSM-K-WP)	217.11	41.22
28 31 23 00-0780		**Addressable Devices** *(28 31 23 00-0640)*		
28 31 23 00-0781		**Intelligent Detectors And Devices For Firefinder XLS And FS-250** *(28 31 23 00-0780)*		
28 31 23 00-0782	EA	Addressable Fireprint Fire Detector (Siemens HFP-11)	158.74	30.92
28 31 23 00-0783	EA	Addressable Thermal Fire Detector (Siemens HFPT-11)	139.02	30.92
28 31 23 00-0784	EA	Relay Base For H-Series Intelligent Detectors (Siemens DB-HR)	115.92	30.92
28 31 23 00-0785	EA	Ceiling Mounted Remote Alarm Indicator (Siemens RL-HC)	82.68	30.92
28 31 23 00-0786	EA	Wall Mounted Remote Alarm Indicator (Siemens RL-HW)	82.68	30.92
28 31 23 00-0787	EA	Addressable Single Action Manual Pull Station (Siemens HMS-S)	201.34	41.22
28 31 23 00-0788	EA	Addressable Double Action Manual Pull Station (Siemens HMS-D)	194.58	41.22
28 31 23 00-0789	EA	Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-S)	123.48	20.61
28 31 23 00-0790	EA	Dual Input Intelligent Initiating Devices Interface Module (Siemens HTRI-D)	148.84	20.61
28 31 23 00-0791	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens HTRI-R)	148.84	20.61
28 31 23 00-0792	EA	Mini Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-M)	115.03	20.61
28 31 23 00-0793	EA	Line Isolator Module (Siemens HLIM)	118.41	20.61
28 31 23 00-0794	EA	Remote Convention Zone Module (Siemens HZM)	170.25	20.61
28 31 23 00-0795	EA	Intelligent Control Point Module (Siemens HCP)	213.07	20.61
28 31 23 00-0796	EA	Handheld Programming And Testing Unit (Siemens DPU)	899.59	
28 31 23 00-0797	EA	DPU Carrying Case (Siemens DPU-C1)	140.84	
28 31 23 00-0798	EA	Label Printer And Carrying Case (Siemens DPU-PRT)	1,542.25	20.61
28 31 23 00-0799		**Air Duct Housings And Detectors** *(28 31 23 00-0780)*		
28 31 23 00-0800	EA	Air-Duct Housing (Siemens AD2-P)	172.14	16.49
28 31 23 00-0801	EA	Air-Duct Housing With Relay (Siemens AD2-XHR)	193.55	16.49
28 31 23 00-0802	EA	Weatherproof Enclosure For Duct Housing (Siemens WP-2000)	158.98	20.61
28 31 23 00-0803	EA	6" To 1' Duct Sampling Tube (Siemens ST-10)	52.49	20.61
28 31 23 00-0804	EA	>1' To 3' Duct Sampling Tube (Siemens ST-25)	54.18	20.61
28 31 23 00-0805	EA	>3' To 5' Duct Sampling Tube (Siemens ST-50)	57.56	20.61
28 31 23 00-0806	EA	>5' To 10' Duct Sampling Tube (Siemens ST-100)	59.81	20.61
28 31 23 00-0807		**Intelligent Initiating Devices For MXL, MXL-LQ And MXLV** *(28 31 23 00-0780)*		
28 31 23 00-0808	EA	Addressable Fireprint Fire Detector (Siemens FP-11)	164.94	30.92
28 31 23 00-0809	EA	Addressable Thermal Fire Detector (Siemens FPT-11)	144.09	30.92
28 31 23 00-0810	EA	Intelligent Ionization Smoke Detector (Siemens ILI-1)	180.72	30.92
28 31 23 00-0811	EA	Addressable Single Action Manual Pull Station (Siemens MSI-10B)	197.39	41.22
28 31 23 00-0812	EA	Addressable Double Action Manual Pull Station (Siemens MSI-20B)	212.61	41.22
28 31 23 00-0813	EA	Single Input Intelligent Initiating Devices Interface Module (Siemens TRI-S)	157.85	20.61
28 31 23 00-0814	EA	Dual Input Intelligent Initiating Devices Interface Module (Siemens TRI-D)	173.63	20.61
28 31 23 00-0815	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens TRI-R)	173.63	20.61
28 31 23 00-0816		**Detector Universal Bases** *(28 31 23 00-0780)*		
28 31 23 00-0817	EA	Detector Base With Relay (Siemens DB-X11RS)	74.14	10.30
28 31 23 00-0818	EA	PE-11 To DB-3 Base Adapter (Siemens DB-ADPT)	40.33	10.30
28 31 23 00-0819	EA	Locking Kit (Siemens LK-11)	8.70	
28 31 23 00-0820	EA	Detector Base With Relay (Siemens DB-X3RS)	74.14	10.30
28 31 23 00-0821	EA	Audible Base For Addressable Fireprint Fire Detector (Siemens ADBX-11)	85.41	10.30
28 31 23 00-0822	EA	Retrofit Adapter Box For Audible Bases Ionization Detector Air Duct (Siemens ADB-BOX)	38.64	10.30
28 31 23 00-0823	EA	Flush Trim Ring For Bases (Siemens RA-ADB)	19.13	6.18
28 31 23 00-0824	EA	Seal For DB-11 (Siemens DB11-SEAL)	10.06	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0825	EA	Gasket For DB-11 (Siemens DB-SEAL)	10.80	
28 31 23 00-0826	EA	Detector Guard Housing (Siemens DGH-11)	106.25	10.30
28 31 23 00-0827	EA	Small Detector Base (Siemens DB-11E)	31.32	10.30
28 31 23 00-0828	EA	Audible Base For Series 3 (Siemens ADBI-60A)	95.55	10.30
28 31 23 00-0829	EA	Base Plug (Siemens DB-11-DP)	8.68	
28 31 23 00-0830		**Air Duct Smoke Detectors** *(28 31 23 00-0780)*		
28 31 23 00-0831	EA	Intelligent Remote Duct Relay Module (Siemens DA-X3SR)	86.86	20.61
28 31 23 00-0832	EA	Weatherproof Enclosure For Duct Housing (Siemens EAD-3)	405.77	20.61
28 31 23 00-0833		**Notification Devices** *(28 31 23 00-0640)*		
28 31 23 00-0834		**Synchronization Control Devices** *(28 31 23 00-0833)*		
28 31 23 00-0835	EA	Dual Synchronization Control Module (Siemens DSC)	123.48	20.61
28 31 23 00-0836		**Stand Alone Strobes** *(28 31 23 00-0833)*		
28 31 23 00-0837	EA	Wall Mounted Multi-Candela Strobe (Siemens ZR-MC-R)	109.72	30.92
28 31 23 00-0838	EA	Wall Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-R)	118.17	30.92
28 31 23 00-0839	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ZR-MC-CR)	109.72	30.92
28 31 23 00-0840	EA	Ceiling Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-CR)	118.17	30.92
28 31 23 00-0841	EA	Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CW)	118.17	30.92
28 31 23 00-0842	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ST-MC-CW)	109.72	30.92
28 31 23 00-0843	EA	Retrofit Plate Multi-Candela Strobe (Siemens ST-MC-RETRO-R)	124.37	30.92
28 31 23 00-0844	EA	Weatherproof Ceiling Mounted Strobe (Siemens ST-75-CR-WP)	119.87	30.92
28 31 23 00-0845	EA	Weatherproof Wall Mounted Strobe (Siemens ST-75-R-WP)	119.87	30.92
28 31 23 00-0846	EA	Weatherproof Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CR-WP)	127.19	30.92
28 31 23 00-0847	EA	Weatherproof Wall Mounted High Multi-Candela Strobe (Siemens ST-HMC-R-WP)	127.19	30.92
28 31 23 00-0848		**Horns And Strobes** *(28 31 23 00-0833)*		
28 31 23 00-0849	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-R)	142.97	30.92
28 31 23 00-0850	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-R)	150.29	30.92
28 31 23 00-0851	EA	Wall Mounted Horn (Siemens SE-R)	89.44	30.92
28 31 23 00-0852	EA	Ceiling Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-CR)	142.97	30.92
28 31 23 00-0853	EA	Ceiling Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-CR)	150.29	30.92
28 31 23 00-0854	EA	Ceiling Mounted Horn (Siemens SEC-R)	92.82	30.92
28 31 23 00-0855	EA	Wall Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-R)	142.97	30.92
28 31 23 00-0856	EA	Wall Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-R)	150.29	30.92
28 31 23 00-0857	EA	Wall Mounted Low Profile Horn (Siemens SEF-R)	89.44	30.92
28 31 23 00-0858	EA	Ceiling Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-CW)	142.97	30.92
28 31 23 00-0859	EA	Ceiling Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-CW)	150.29	30.92
28 31 23 00-0860	EA	Ceiling Mounted Low Profile Horn (Siemens SEF-CR)	92.82	30.92
28 31 23 00-0861	EA	Mini Horn (Siemens MH-R)	77.04	30.92
28 31 23 00-0862	EA	Indoor/Outdoor Multi Tone Horn (Siemens MTH-R)	93.95	30.92
28 31 23 00-0863	EA	Indoor/Outdoor Multi Tone, Multi-Candela Horn/Strobe (Siemens MTH-MC-R)	135.64	30.92
28 31 23 00-0864	EA	Industrial Tri-Tone Horn (Siemens ASR)	357.64	30.92
28 31 23 00-0865	EA	Wall Mounted Horn (Siemens HS-R)	93.95	30.92
28 31 23 00-0866	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens HS-MC-R)	136.21	30.92
28 31 23 00-0867	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens HS-HMC-R)	145.22	30.92
28 31 23 00-0868	EA	6" Motor Bell (Siemens MBDC-6)	105.22	30.92
28 31 23 00-0869	EA	10" Motor Bell (Siemens MBDC-10)	113.67	30.92
28 31 23 00-0870		**Mounting Accessories** *(28 31 23 00-0833)*		
28 31 23 00-0871	EA	Concealed Conduit Adapter Plate (Siemens APS-R)	27.37	10.30
28 31 23 00-0872	EA	4" x 1-1/2" Surface Mounted Back Box (Siemens BBS-R)	27.37	10.30
28 31 23 00-0873	EA	4" x 2-1/8" Surface Mounted Back Box (Siemens DBBS-R)	27.93	10.30
28 31 23 00-0874	EA	Red Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX)	41.46	10.30
28 31 23 00-0875	EA	White Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX-W)	34.13	10.30
28 31 23 00-0876	EA	Surface Mounted Speaker Backbox (Siemens SBBS-R)	35.82	10.30
28 31 23 00-0877	EA	Surface Mounted Speaker Backbox (Siemens SBL2S-R)	38.08	10.30
28 31 23 00-0878	EA	Square Semi-Flush Extension Ring (Siemens SERS-R)	31.32	10.30
28 31 23 00-0879	EA	Semi-Flush Plate (Siemens SFPS-R)	26.81	10.30
28 31 23 00-0880	EA	Square Surface Backbox (Siemens SHBBS-R)	31.32	10.30
28 31 23 00-0881	EA	Horn Adapter Plate (Siemens SHMPS-R)	30.19	10.30
28 31 23 00-0882	EA	Ceiling Speaker Extension Ring (Siemens SPEXT-R)	27.37	10.30
28 31 23 00-0883	EA	Wall Mounted Surface Mounted Speaker Backbox (Siemens SPSB-R)	34.13	10.30
28 31 23 00-0884	EA	Wall Mounted Surface Mounted Speaker/Strobe Backbox (Siemens SPSSB-R)	35.82	10.30
28 31 23 00-0885	EA	Weatherproof Speaker Backbox (Siemens WBBS-R)	34.70	10.30
28 31 23 00-0886	EA	Weatherproof Speaker Backbox With 3/4" Knockout (Siemens WBBS-R-3/4T-3/4B)	38.08	10.30
28 31 23 00-0887	EA	Weatherproof Flush Plate (Siemens WFPAS-R)	38.08	10.30
28 31 23 00-0888	EA	Weatherproof Horn Flush Plate (Siemens WFPS-R)	38.08	10.30
28 31 23 00-0889	EA	Weatherproof Horn Backbox (Siemens WPBBS-R)	35.82	10.30
28 31 23 00-0890	EA	Weatherproof Strobe Backbox (Siemens WPSBBS-R)	35.82	10.30
28 31 23 00-0891	EA	Surface Mounted Weatherproof Backbox Kit (Siemens WPS-KIT)	27.37	10.30
28 31 23 00-0892	EA	Z Series Backbox (Siemens ZBB-R)	30.19	10.30
28 31 23 00-0893		**Door Holders** *(28 31 23 00-0833)*		
28 31 23 00-0894	EA	120Vac Concealed Wiring Fire Door Holder (Siemens SDH-2A)	207.20	30.92
28 31 23 00-0895	EA	24Vdc Concealed Wiring Fire Door Holder (Siemens SDH-2D)	207.20	30.92

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0896		**Voice Equipment** *(28 31 23 00-0640)*		
28 31 23 00-0897		**Voicecom** *(28 31 23 00-0896)*		
28 31 23 00-0898	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone And Enclosure With Deadfront And Space For Five Modules (Siemens VOICECOM)	3,143.05	412.23
28 31 23 00-0899	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, Two 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone, Enclosure With Deadfront And Space For 11 Modules, Auxiliary Power Supply, Four PS-AUX Strobe Zone Cables And One AM-25-50 Speaker Zone Cables (Siemens VOICECOM-L)	4,861.57	412.23
28 31 23 00-0900		**Notifier Fire Alarm** *(28 31 23)*		
28 31 23 00-0901		**Fire Alarm Control Panel And Accessories** *(28 31 23 00-0900)*		
28 31 23 00-0902	EA	NFS2-3030 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-3030D)	3,717.89	412.23
28 31 23 00-0903	EA	NFS2-640 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-640)	3,130.46	412.23
28 31 23 00-0904	EA	NFS-320 Intelligent Fire Alarm Control Panel (Notifier NFS-320)	3,723.57	412.23
28 31 23 00-0905	EA	Loop Control Module (Notifier LCM-320)	1,241.08	41.22
28 31 23 00-0906	EA	Loop Expander Module (Notifier LEM-320)	1,075.56	41.22
28 31 23 00-0907	EA	Keyboard Display Module For CPU2-640 (Notifier KDM-R2)	964.41	41.22
28 31 23 00-0908		**ONYX CAB-4 Series Cabinets** *(28 31 23 00-0900)*		
28 31 23 00-0909	EA	Low Profile 1st Row Chassis Assembly For CPU-640 / CPU-640E (Notifier CHS-M2)	133.72	20.61
28 31 23 00-0910	EA	One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4)	237.57	20.61
28 31 23 00-0911	EA	One Tier, "A" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-A4B)	156.43	20.61
28 31 23 00-0912	EA	Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4)	301.99	30.92
28 31 23 00-0913	EA	Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4B)	194.08	30.92
28 31 23 00-0914	EA	Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4)	449.19	41.22
28 31 23 00-0915	EA	Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4B)	283.67	41.22
28 31 23 00-0916	EA	Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4)	544.43	51.53
28 31 23 00-0917	EA	Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4B)	331.86	51.53
28 31 23 00-0918	EA	One Tier Backbox Assembly (Notifier SBB-A4)	252.68	61.83
28 31 23 00-0919	EA	Two Tier Backbox Assembly (Notifier SBB-B4)	356.37	82.45
28 31 23 00-0920	EA	Three Tier Backbox Assembly (Notifier SBB-C4)	465.10	82.45
28 31 23 00-0921	EA	Four Tier Backbox Assembly (Notifier SBB-D4)	567.98	103.05
28 31 23 00-0922		**NFS2-3030/640 Cabinet Mechanicals** *(28 31 23 00-0900)*		
28 31 23 00-0923	EA	Standard 1st Row Chassis Assembly For CPU-3030 (Notifier CHS-M3)	176.23	30.92
28 31 23 00-0924	EA	Battery Dress Plate For NFS2-3030 (Notifier BP2-4)	76.67	12.37
28 31 23 00-0925	EA	Blank Module Dress Plate (Notifier BM-1B)	67.74	12.37
28 31 23 00-0926	EA	Dress Plate For Middle Rows With CPU2-640 (Notifier ADP2-640)	81.54	12.37
28 31 23 00-0927	EA	Dress Plate For Top Row With CPU2-640 (Notifier DP-DISP2)	81.54	12.37
28 31 23 00-0928		**NFS-3030/640 Cabinet Mechanicals** *(28 31 23 00-0900)*		
28 31 23 00-0929	EA	Annunciator Dress Plate (Notifier ADP-4B)	75.04	12.37
28 31 23 00-0930	EA	Blank Module Dress Plate (Notifier BMP-1)	49.89	12.37
28 31 23 00-0931	EA	Low Profile Four Position Chassis For AA-30 Or LDM (Notifier CHS-4L)	111.00	20.61
28 31 23 00-0932	EA	Module Dress Plate (Notifier MP-1B)	76.67	12.37
28 31 23 00-0933		**Battery Cabinets** *(28 31 23 00-0900)*		
28 31 23 00-0934	EA	Chassis, Mounts Up To 6 Modules (Notifier CHS-6)	78.54	20.61
28 31 23 00-0935	EA	24" x 14" x 7-3/4" Battery Backbox (Notifier NFS-LBB)	358.97	61.83
28 31 23 00-0936		**Digital Voice** *(28 31 23 00-0900)*		
28 31 23 00-0937	EA	Analog Output Board For Digital Voice Command (Notifier DVC-AO)	215.66	20.61
28 31 23 00-0938	EA	Extended Memory For Digital Voice Command (Notifier DVC-EM)	1,217.70	20.61
28 31 23 00-0939	EA	Keypad For Digital Voice Command (Notifier DVC-KD)	362.37	41.22
28 31 23 00-0940	EA	50W, 25Vrms Digital Audio Amplifier (Notifier DAA-5025)	933.72	20.61
28 31 23 00-0941	EA	Multi-Mode Fiber-Optic Media 50W, 25Vrms Digital Audio Amplifier (Notifier DAA-5025F)	933.72	20.61
28 31 23 00-0942	EA	Single-Mode Fiber-Optic Media 50W, 25Vrms Digital Audio Amplifier (Notifier DAA-5025SF)	933.72	20.61
28 31 23 00-0943	EA	50W, 70Vrms Digital Audio Amplifier (Notifier DAA-5070)	1,014.86	20.61
28 31 23 00-0944	EA	Multi-Mode Fiber-Optic Media 50W, 70Vrms Digital Audio Amplifier (Notifier DAA-5070F)	1,014.86	20.61
28 31 23 00-0945	EA	75W, 25Vrms Digital Audio Amplifier (Notifier DAA-7525)	1,217.70	20.61
28 31 23 00-0946	EA	Multi-Mode Fiber-Optic Media 75W, 25Vrms Digital Audio Amplifier (Notifier DAA-7525F)	1,217.70	20.61
28 31 23 00-0947	EA	Single-Mode Fiber-Optic Media 75W, 25Vrms Digital Audio Amplifier (Notifier DAA-7525SF)	1,217.70	20.61
28 31 23 00-0948	EA	One Tier Chassis For Digital Voice Command Panel (Notifier CA-1)	99.64	20.61
28 31 23 00-0949	EA	Two Tier Chassis For Digital Voice Command Panel, With MIC-1 (Notifier CA-2)	300.37	30.92
28 31 23 00-0950	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel (Notifier DPA-1)	75.86	12.37
28 31 23 00-0951	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel, Supports Keypad (Notifier DPA-1A4)	87.22	12.37
28 31 23 00-0952	EA	Dress Panel For Two Tier Chassis For Digital Voice Command Panel (Notifier DPA-2B)	148.07	12.37
28 31 23 00-0953	EA	Paging Microphone Only (Notifier MIC-1)	147.51	20.61
28 31 23 00-0954		**Digital Voice Cabinet Doors** *(28 31 23 00-0900)*		
28 31 23 00-0955	EA	Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4)	341.75	30.92
28 31 23 00-0956	EA	Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4)	463.79	41.22
28 31 23 00-0957	EA	Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4)	577.70	51.53

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28 31 23 00-0958		**RM-1 Remote Microphone** *(28 31 23 00-0900)*		
28 31 23 00-0959	EA	Remote Microphone Assembly For Mounting On An ADP-4 Dress Plate (Notifier RM-1)	351.97	20.61
28 31 23 00-0960	EA	Remote Microphone Assembly For Mounting In A Stand Alone Cabinet (Notifier RM-1SA)	351.97	20.61
28 31 23 00-0961		**Amplifiers** *(28 31 23 00-0900)*		
28 31 23 00-0962	EA	30W Audio Amplifier At 25 Vrms, 120 Vac (Notifier AA-30)	545.08	20.61
28 31 23 00-0963	EA	100W Audio Amplifier At 70.7 Vrms, 120Vac (Notifier AA-100)	1,203.10	20.61
28 31 23 00-0964	EA	120W Audio Amplifier At 25 Vrms, 120Vac (Notifier AA-120)	1,170.64	20.61
28 31 23 00-0965	EA	Audio Coupling Transformer (Notifier ACT-1)	93.15	20.61
28 31 23 00-0966	EA	Audio Coupling Transformer, Used With Analog Amplifiers (Notifier ACT-2)	107.75	20.61
28 31 23 00-0967	EA	Audio Coupling Transformer, Used With DVC-AO (Notifier ACT-4)	107.75	20.61
28 31 23 00-0968	EA	Audio Coupling Transformer, Used With DAA-5025 (Notifier ACT-25)	107.75	20.61
28 31 23 00-0969	EA	Audio Coupling Transformer, Used With DAA-5070 (Notifier ACT-70)	107.75	20.61
28 31 23 00-0970		**FireVoice-25/50 Emergency Voice Evacuation Control Panel** *(28 31 23 00-0900)*		
28 31 23 00-0971	EA	25W, 25Vrms Voice Evacuation Control Panel (Notifier NFV-25/50)	2,694.65	412.23
28 31 23 00-0972	EA	Zoned System 25W, 25Vrms Voice Evacuation Control Panel (Notifier NFV-25/50ZS)	3,177.42	412.23
28 31 23 00-0973	EA	Zoned System With Telephone 25W, 25Vrms Voice Evacuation Control Panel (Notifier NFV-25/50ZST)	3,493.85	412.23
28 31 23 00-0974	EA	Single Channel 25W, 25Vrms Voice Evacuation Control Panel (Notifier NFV-25/50DA)	1,960.37	412.23
28 31 23 00-0975	EA	Single Channel 25W, 25Vrms Voice Evacuation Control Panel Used With NFV-25/50ZS (Notifier NFV-25/50DAZS)	2,487.75	412.23
28 31 23 00-0976		**System Printer** *(28 31 23 00-0900)*		
28 31 23 00-0977	EA	80 Column Desktop Printer, 120 Vac (Notifier PRN-6)	1,446.51	20.61
28 31 23 00-0978		**Batteries** *(28 31 23 00-0900)*		
28 31 23 00-0979	EA	7Ah Sealed Battery, 12 Volt (Notifier BAT-1270)	89.90	20.61
28 31 23 00-0980	EA	12Ah Sealed Battery, 12 Volt (Notifier BAT-12120)	140.21	20.61
28 31 23 00-0981	EA	18Ah Sealed Battery, 12 Volt (Notifier BAT-12180)	148.32	20.61
28 31 23 00-0982	EA	26Ah Sealed Battery, 12 Volt (Notifier BAT-12260)	199.44	20.61
28 31 23 00-0983	EA	55Ah Sealed Battery, 12 Volt (Notifier BAT-12550)	331.69	20.61
28 31 23 00-0984	EA	100Ah Sealed Battery, 12 Volt (Notifier BAT-121000)	568.61	20.61
28 31 23 00-0985		**Battery Backboxes And Miscellaneous Mechanicals** *(28 31 23 00-0900)*		
28 31 23 00-0986	EA	Battery Backbox, Mounts Up To Two 26Ah And Charger (Notifier BB-26)	290.65	82.45
28 31 23 00-0987		**System Power Supplies And Chargers** *(28 31 23 00-0900)*		
28 31 23 00-0988	EA	Addressable Power Supply, 120 Vac For NFS-3030, NFS2-3030 And NCA-2 (Notifier AMPS-24)	1,034.33	20.61
28 31 23 00-0989	EA	6A Auxiliary Power Supply (Notifier APS-6R)	506.13	20.61
28 31 23 00-0990	EA	25 To 120Ah Battery Charger (Notifier CHG-120)	797.42	20.61
28 31 23 00-0991	EA	80 Amps, 120 Vac Remote Charger Power Supply (Notifier FCPS-24S8)	519.93	20.61
28 31 23 00-0992	EA	Main Power Supply And Charger, Up To 3 Amps (Notifier MPS-24A)	730.88	20.61
28 31 23 00-0993		**Network Control Annunciators** *(28 31 23 00-0900)*		
28 31 23 00-0994	EA	Network Control Annunciator Used With NFS2-3030, NFS-3030, NFS-320, NFS-640 And NFS2-640 (Notifier NCA-2)	1,411.31	61.83
28 31 23 00-0995	EA	Retro-Fit Plate For Mounting NCA2 (Notifier NCA-2RETRO)	53.14	12.37
28 31 23 00-0996	EA	Kit For Mounting NCA-2 To CHS-M2 (Notifier NCA/640-2-Kit)	40.97	12.37
28 31 23 00-0997		**FIRSTVISION Firefighter's Display** *(28 31 23 00-0900)*		
28 31 23 00-0998	EA	Replacement FIRSTVISION Touchscreen Assembly (Notifier FIRSTVISION-LCD)	10,168.26	412.23
28 31 23 00-0999		**FlashScan Addressable Devices** *(28 31 23 00-0900)*		
28 31 23 00-1000	EA	Intelligent Non-Relay Duct Smoke Detector Housing (Notifier DNR)	133.58	16.49
28 31 23 00-1001	EA	Watertight Intelligent Non-Relay Duct Smoke Detector Housing (Notifier DNRW)	223.78	20.61
28 31 23 00-1002	EA	Low Profile Intelligent Addressable Ionization Smoke Detector (Notifier FSI-851)	142.16	30.92
28 31 23 00-1003	EA	Intelligent Addressable Laser Smoke Detector (Notifier FSL-751)	265.48	30.92
28 31 23 00-1004	EA	Intelligent Addressable Laser Duct Smoke Detector (Notifier FSL-751D)	710.92	30.92
28 31 23 00-1005	EA	Low Profile Intelligent Addressable Photoelectric Smoke Detector (Notifier FSP-851)	145.40	30.92
28 31 23 00-1006	EA	Intelligent Addressable Thermal Detector (Notifier FST-851)	121.06	30.92
28 31 23 00-1007	EA	Intelligent Addressable High Temperature Thermal Detector (Notifier FST-851H)	121.06	30.92
28 31 23 00-1008	EA	Intelligent Addressable Rate-Of-Rise Thermal Detector (Notifier FST-851R)	121.06	30.92
28 31 23 00-1009	EA	Intelligent Addressable Control Module (Notifier FCM-1)	129.66	20.61
28 31 23 00-1010	EA	Intelligent Addressable Dual Monitor Module (Notifier FDM-1)	144.26	20.61
28 31 23 00-1011	EA	Intelligent Addressable Monitor Module (Notifier FMM-1)	108.56	20.61
28 31 23 00-1012	EA	Intelligent Addressable Miniature Monitor Module (Notifier FMM-101)	97.20	20.61
28 31 23 00-1013	EA	Intelligent Addressable 4-20mA Analog Input Module (Notifier FMM-4-20)	195.38	20.61
28 31 23 00-1014	EA	Intelligent Addressable Relay Module (Notifier FRM-1)	124.79	20.61
28 31 23 00-1015	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier FZM-1)	162.11	20.61
28 31 23 00-1016	EA	Addressable Manual Dual Action Pull Station (Notifier NBG-12LX)	179.81	41.22
28 31 23 00-1017	EA	SLC Loop Powered Fault Isolator Module (Notifier ISO-X)	106.94	20.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1018		**Addressable Device Bases And Accessories** *(28 31 23 00-0900)*		
28 31 23 00-1019	EA	Intelligent Detector Base With Flange (Notifier B710LP)	36.03	10.30
28 31 23 00-1020	EA	Weatherproof Device Housing (Notifier DH400OE-1)	218.10	20.61
28 31 23 00-1021		**XP6/XP10 Transponder** *(28 31 23 00-0900)*		
28 31 23 00-1022	EA	Synchronization Daughter Module Used With XP6-C (Notifier SYNC-1)	93.15	20.61
28 31 23 00-1023	EA	Ten Input Monitor Module (Notifier XP10-M)	526.42	20.61
28 31 23 00-1024	EA	Six Circuit Supervised Control Module (Notifier XP6-C)	455.02	20.61
28 31 23 00-1025	EA	Six Zone Intelligent To Conventional Interface Module (Notifier XP6-MA)	550.76	20.61
28 31 23 00-1026	EA	Six Relay Control Module (Notifier XP6-R)	440.41	20.61
28 31 23 00-1027		**LCD Display Annunciators** *(28 31 23 00-0900)*		
28 31 23 00-1028	EA	80 Character LCD Fire Annunciator Used With FireWarden-100-2, NFS-640, NFS2-640 And NFS-320 (Notifier FDU-80)	598.32	61.83
28 31 23 00-1029	EA	640 Character LCD Annunciator Used With NFS-3030 And NFS2-3030 (Notifier LCD-160)	868.51	61.83
28 31 23 00-1030	EA	80 Character LCD Annunciator Used With NFS-640, NFS-3030, NFS2-640, NFS2-3030 And NFS-320 (Notifier LCD-80)	845.79	61.83
28 31 23 00-1031		**ONYX ACM And AEM Series LED Annunciators** *(28 31 23 00-0900)*		
28 31 23 00-1032	EA	16 Alarm And 16 Trouble LED Annunciator Control Module (Notifier ACM-16AT)	605.93	20.61
28 31 23 00-1033	EA	16 Alarm And 16 Trouble LED Annunciator Expander Module (Notifier AEM-16AT)	465.57	20.61
28 31 23 00-1034	EA	24 Alarm And 24 Trouble LED Annunciator Control Module (Notifier ACM-24AT)	605.93	20.61
28 31 23 00-1035	EA	24 Alarm And 24 Trouble LED Annunciator Expander Module (Notifier AEM-24AT)	465.57	20.61
28 31 23 00-1036	EA	32 Alarm And 1 Trouble LED Annunciator Control Module (Notifier ACM-32A)	465.57	20.61
28 31 23 00-1037	EA	32 Alarm And 1 Trouble LED Annunciator Expander Module (Notifier AEM-32A)	418.51	20.61
28 31 23 00-1038	EA	48 Alarm And 1 Trouble LED Annunciator Control Module (Notifier ACM-48A)	465.57	20.61
28 31 23 00-1039	EA	48 Alarm And 1 Trouble LED Annunciator Expander Module (Notifier AEM-48A)	418.51	20.61
28 31 23 00-1040		**Graphic Annunciator - Lamp Driver Modules** *(28 31 23 00-0900)*		
28 31 23 00-1041	EA	32 Alarm Lamp Driver Annunciator Control Module (Notifier LDM-32)	418.51	20.61
28 31 23 00-1042	EA	32 Alarm Lamp Driver Annunciator Expander Module (Notifier LDM-E32)	342.24	20.61
28 31 23 00-1043	EA	Single Annunciator Flush Mounted Backbox (Notifier ABF-1B)	194.42	41.22
28 31 23 00-1044	EA	Single Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-1DB)	210.65	41.22
28 31 23 00-1045	EA	Two Annunciator Flush Mounted Backbox (Notifier ABF-2B)	244.23	51.53
28 31 23 00-1046	EA	Two Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-2DB)	265.32	51.53
28 31 23 00-1047	EA	Four Annunciator Flush Mounted Backbox (Notifier ABF-4B)	423.38	72.14
28 31 23 00-1048	EA	Annunciator Blank Plate Used With ACM-32A/ACM-16AT (Notifier ABM-1)	75.04	12.37
28 31 23 00-1049	EA	Single Annunciator Surface Mounted Backbox (Notifier ABS-1B)	129.51	41.22
28 31 23 00-1050	EA	Two Annunciator Surface Mounted Backbox (Notifier ABS-2B)	158.72	41.22
28 31 23 00-1051	EA	12" x 12" x 3-3/4" Surface Or Semi-Flush Mount Backbox (Notifier ABS-2D)	276.68	51.53
28 31 23 00-1052	EA	Chassis Used To Mount NCA-2 In ABS-2D (Notifier CHS-2D)	73.67	20.61
28 31 23 00-1053	EA	12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4D)	446.10	72.14
28 31 23 00-1054		**Network Gateways** *(28 31 23 00-0900)*		
28 31 23 00-1055	EA	Embedded NFN Gateway (Notifier NFN-GW-EM)	1,663.96	20.61
28 31 23 00-1056	EA	NFN Gateway PC Card With Fiber (Notifier NFN-GW-PC-F)	1,663.96	20.61
28 31 23 00-1057	EA	NFN Gateway PC Card With Wire (Notifier NFN-GW-PC-W)	1,663.96	20.61
28 31 23 00-1058		**NOTI-FIRE-NET Network Components** *(28 31 23 00-0900)*		
28 31 23 00-1059	EA	Interface Between NotiFireNet 50 And BACnet (Notifier BACNET GATEWAY)	1,663.96	20.61
28 31 23 00-1060	EA	Fiber Optic Network Communications Module (Notifier NCM-F)	777.94	20.61
28 31 23 00-1061	EA	Wired Network Communications Module (Notifier NCM-W)	741.43	20.61
28 31 23 00-1062	EA	Fiber Optic Converter Module Mounting Kit (Notifier SMF-Kit)	70.91	10.30
28 31 23 00-1063	EA	NOTI-FIRE-NET Web Server (Notifier NWS)	1,696.41	20.61
28 31 23 00-1064		**FireWarden Addressable Fire Panels** *(28 31 23 00-0900)*		
28 31 23 00-1065	EA	198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100)	1,838.66	412.23
28 31 23 00-1066	EA	50 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW-50)	1,574.97	412.23
28 31 23 00-1067		**FireWarden Accessories** *(28 31 23 00-0900)*		
28 31 23 00-1068	EA	80 Character LCD Fire Annunciator (Notifier N-ANN-80)	385.74	61.83
28 31 23 00-1069	EA	10 Input LED Annunciator Module (Notifier N-ANN-LED)	325.20	20.61
28 31 23 00-1070	EA	Relay Module With 10 Programmable Form C Relays (Notifier N-ANN-RLY)	244.06	20.61
28 31 23 00-1071		**FireWarden Devices** *(28 31 23 00-0900)*		
28 31 23 00-1072	EA	Intelligent Addressable Ionization Smoke Detector With Base (Notifier NI-100)	132.42	30.92
28 31 23 00-1073	EA	Intelligent Addressable Photoelectric Smoke Detector With Base (Notifier NP-100)	130.80	30.92
28 31 23 00-1074	EA	Intelligent Addressable Thermal Detector With Base (Notifier NH-100)	125.12	30.92
28 31 23 00-1075	EA	Intelligent Addressable High Temperature Thermal Detector With Base (Notifier NH-100H)	125.12	30.92
28 31 23 00-1076	EA	Intelligent Addressable Rate-Of-Rise Thermal Detector With Base (Notifier NH-100R)	125.12	30.92
28 31 23 00-1077	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector (Notifier ND-100)	247.63	30.92
28 31 23 00-1078	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector With DPDT Relay (Notifier ND-100R)	296.32	30.92
28 31 23 00-1079	EA	Intelligent Addressable Monitor Module (Notifier NMM-100)	104.51	20.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1080	EA	Intelligent Addressable Mini Monitor Module (Notifier NMM-100P)	95.18	20.61
28 31 23 00-1081	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100)	157.25	20.61
28 31 23 00-1082	EA	Six Zone Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100-6)	550.76	20.61
28 31 23 00-1083	EA	Two Zone Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NDM-100)	120.73	20.61
28 31 23 00-1084	EA	SLC Loop Powered Fault Isolator Module (Notifier N100-ISO)	106.13	20.61
28 31 23 00-1085	EA	Intelligent Addressable Control Module (Notifier NC-100)	125.60	20.61
28 31 23 00-1086	EA	Intelligent Addressable Relay Module (Notifier NC-100R)	120.73	20.61
28 31 23 00-1087	EA	Intelligent Addressable Manual Pull Station (Notifier NOT-BG12LX)	179.00	41.22
28 31 23 00-1088		SFP-2402 And SFP-2404 2 And 4-Zone Control Panels *(28 31 23 00-0900)*		
28 31 23 00-1089	EA	Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402)	1,027.92	329.78
28 31 23 00-1090	EA	Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404)	1,125.29	329.78
28 31 23 00-1091		SFP-2402/2404, RP Series And SFP-400/SFP-400B Option Modules *(28 31 23 00-0900)*		
28 31 23 00-1092	EA	Annunciator Interface Module (Notifier 4XLM)	117.49	20.61
28 31 23 00-1093	EA	Transmitter Module (Notifier 4XTM)	117.49	20.61
28 31 23 00-1094	EA	Four Zone Relay Module (Notifier 4XZM)	134.53	20.61
28 31 23 00-1095	EA	100 VA, 120Vac Power Expansion Transformer (Notifier XRM-24)	111.81	20.61
28 31 23 00-1096	EA	100 VA, 240Vac Power Expansion Transformer (Notifier XRM-24E)	111.81	20.61
28 31 23 00-1097		SFP-5UD 5 Zone Control Panels *(28 31 23 00-0900)*		
28 31 23 00-1098	EA	Five Zone Conventional Fire Alarm Control Panel (Notifier SFP-5UD)	1,572.53	412.23
28 31 23 00-1099		SFP-10UD 10 Zone Control Panels And Accessories *(28 31 23 00-0900)*		
28 31 23 00-1100	EA	10 Zone Conventional Fire Alarm Control Panel (Notifier SFP-10UD)	1,803.77	412.23
28 31 23 00-1101	EA	Four Channel Stand Alone Fire Alarm Communicator (Notifier 411UDAC)	461.20	61.83
28 31 23 00-1102		Notifier Plug-in Smoke Detectors *(28 31 23 00-0900)*		
28 31 23 00-1103	EA	Conventional Carbon Monoxide Detector (Notifier CO1224)	191.98	41.22
28 31 23 00-1104		i3 Photoelectric Smoke Detectors *(28 31 23 00-0900)*		
28 31 23 00-1105	EA	Two Wire, i3 Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (Notifier 2WTA-B)	116.19	30.92
28 31 23 00-1106	EA	Four Wire, i3 Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (Notifier 4WTA-B)	117.00	30.92
28 31 23 00-1107	EA	Two Wire, i3 Photoelectric Smoke Detector (Notifier 2W-B)	112.95	30.92
28 31 23 00-1108	EA	Four Wire, i3 Photoelectric Smoke Detector (Notifier 4W-B)	114.57	30.92
28 31 23 00-1109		System Sensor Duct Smoke Detectors *(28 31 23 00-0900)*		
28 31 23 00-1110	EA	Four Wire Low Profile Photoelectric Duct Smoke Detector (Notifier DH100ACDCLP)	206.74	20.61
28 31 23 00-1111	EA	Weatherproof Four Wire Low Profile Photoelectric Duct Smoke Detector (Notifier DH100ACDCLWP)	272.46	20.61
28 31 23 00-1112	EA	4' To 8' Duct Width Sampling Tube (Notifier ST-5)	54.61	20.61
28 31 23 00-1113		System Detector Accessories *(28 31 23 00-0900)*		
28 31 23 00-1114	EA	Key Activated Remote Test Station For Duct Smoke Detector (Notifier RTS451Key)	111.00	20.61
28 31 23 00-1115		NBG-12 Series Pull Stations *(28 31 23 00-0900)*		
28 31 23 00-1116	EA	Key Lock Dual Action Fire Alarm Pull Stations (Notifier NBG-12L)	113.28	41.22
28 31 23 00-1117	EA	Outdoor Key Lock Dual Action Fire Alarm Pull Stations (Notifier NBG-12LOB)	195.23	41.22
28 31 23 00-1118	EA	Metal Surface Mount Backbox For Pullbox (Notifier SB-10)	45.14	16.49
28 31 23 00-1119	EA	Plastic Surface Mount Backbox For Pullbox (Notifier SB-I/O)	45.95	16.49
28 31 23 00-1120		Heat Detectors *(28 31 23 00-0900)*		
28 31 23 00-1121	EA	Single Circuit 135 Degree F Fixed And Rate-Of-Rise Heat Detector (Notifier 5601P)	75.62	30.92
28 31 23 00-1122	EA	Single Circuit 194 Degree F Fixed And Rate-Of-Rise Heat Detector (Notifier 5602)	75.62	30.92
28 31 23 00-1123	EA	Dual Circuit 135 Degree F Fixed And Rate-Of-Rise Heat Detector (Notifier 5621)	90.23	30.92
28 31 23 00-1124	EA	Dual Circuit 194 Degree F Fixed And Rate-Of-Rise Heat Detector (Notifier 5622)	90.23	30.92
28 31 23 00-1125		Rate Compensation Heat Detectors *(28 31 23 00-0900)*		
28 31 23 00-1126	EA	135 Degree F Explosion Proof Rate Compensation Heat Detectors (Notifier 302-EPM-135)	128.36	30.92
28 31 23 00-1127	EA	194 Degree F Explosion Proof Rate Compensation Heat Detectors (Notifier 302-EPM-194)	128.36	30.92
28 31 23 00-1128		Stopper Pull Station Covers *(28 31 23 00-0900)*		
28 31 23 00-1129	EA	Pull Station Polycarbonate Cover, Semi Flush (STI-1200)	101.26	20.61
28 31 23 00-1130	EA	Pull Station Polycarbonate Cover With Spacer (STI-1230)	119.11	20.61
28 31 23 00-1131	EA	Horn Strobe Polycarbonate Cover With Spacer (STI-1210D)	93.96	20.61
28 31 23 00-1132	EA	Horn Strobe Polycarbonate Cover, Semi Flush (STI-1210E)	85.03	20.61
28 31 23 00-1133	EA	Strobe Damage Stopper And Open Backbox With Conduit Knockout (STI-1221D)	93.96	20.61
28 31 23 00-1134	EA	Strobe Damage Stopper And Open Backbox, Semi Flush (STI-1221E)	85.03	20.61
28 31 23 00-1135		SpectrAlert Advance Horns *(28 31 23 00-0900)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1136	EA	Interior Wall Mounted Horn (Notifier HR)	95.10	30.92
28 31 23 00-1137	EA	Outdoor Wall Mounted Horn (Notifier HRK)	110.51	30.92
28 31 23 00-1138		**SpectrAlert Advance Four Wire Wall Mounted Horn/Strobes** *(28 31 23 00-0900)*		
28 31 23 00-1139	EA	Interior Four Wire Wall Mounted Multi-Candela Horn/Strobe (Notifier P4R)	132.42	30.92
28 31 23 00-1140	EA	Outdoor Four Wire Wall Mounted Multi-Candela Horn/Strobe (Notifier P4RK)	146.21	30.92
28 31 23 00-1141	EA	Interior Four Wire Wall Mounted High-Candela Horn/Strobe (Notifier P4RH)	136.48	30.92
28 31 23 00-1142	EA	Outdoor Four Wire Wall Mounted High-Candela Horn/Strobe (Notifier P4RHK)	152.70	30.92
28 31 23 00-1143		**SpectrAlert Advance Four Wire Ceiling Mounted Horn/Strobes** *(28 31 23 00-0900)*		
28 31 23 00-1144	EA	Interior Multi-Candela Four Wire Ceiling Mounted Horn/Strobe (Notifier PC4R)	132.42	30.92
28 31 23 00-1145	EA	Outdoor Multi-Candela Four Wire Ceiling Mounted Horn/Strobe (Notifier PC4RK)	146.21	30.92
28 31 23 00-1146	EA	Interior High-Candela Four Wire Ceiling Mounted Horn/Strobe (Notifier PC4RH)	136.48	30.92
28 31 23 00-1147	EA	Outdoor High-Candela Four Wire Ceiling Mounted Horn/Strobe (Notifier PC4RHK)	150.27	30.92
28 31 23 00-1148		**SpectrAlert Advance Wall Mounted Strobes** *(28 31 23 00-0900)*		
28 31 23 00-1149	EA	Interior Multi-Candela Wall Mounted Strobe (Notifier SR)	110.51	30.92
28 31 23 00-1150	EA	Outdoor Multi-Candela Wall Mounted Strobe (Notifier SRK)	133.23	30.92
28 31 23 00-1151	EA	Interior High-Candela Wall Mounted Strobe (Notifier SRH)	121.87	30.92
28 31 23 00-1152	EA	Outdoor High-Candela Wall Mounted Strobe (Notifier SRHK)	134.85	30.92
28 31 23 00-1153		**SpectrAlert Advance Ceiling Mounted Strobes** *(28 31 23 00-0900)*		
28 31 23 00-1154	EA	Interior Multi-Candela Ceiling Mounted Strobe (Notifier SCR)	110.51	30.92
28 31 23 00-1155	EA	Outdoor Multi-Candela Ceiling Mounted Strobe (Notifier SCRK)	133.23	30.92
28 31 23 00-1156	EA	Interior High-Candela Ceiling Mounted Strobe (Notifier SCRH)	121.87	30.92
28 31 23 00-1157	EA	Outdoor High-Candela Ceiling Mounted Strobe (Notifier SCRHK)	134.85	30.92
28 31 23 00-1158		**System Sensor SpectrAlert Advance Wall Mounted Speakers** *(28 31 23 00-0900)*		
28 31 23 00-1159	EA	Wall Mounted Speaker (Notifier SPR)	91.85	30.92
28 31 23 00-1160	EA	High dB Wall Mounted Speaker (Notifier SPRV)	91.85	30.92
28 31 23 00-1161	EA	Selectable Candela Wall Mounted Speaker/Strobe (Notifier SPSR)	141.34	30.92
28 31 23 00-1162	EA	High-Candela Wall Mounted Speaker/Strobe (Notifier SPSRH)	149.46	30.92
28 31 23 00-1163	EA	High dB Wall Mounted Speaker/Strobe (Notifier SPSRV)	141.34	30.92
28 31 23 00-1164	EA	Outdoor Selectable Candela Wall Mounted Speaker/Strobe (Notifier SPSRK)	175.42	30.92
28 31 23 00-1165		**System Sensor SpectrAlert Advance Ceiling Mounted Speakers** *(28 31 23 00-0900)*		
28 31 23 00-1166	EA	Ceiling Mounted Speaker (Notifier SPCR)	91.85	30.92
28 31 23 00-1167	EA	High dB Ceiling Mounted Speaker (Notifier SPCRV)	91.85	30.92
28 31 23 00-1168	EA	Outdoor Ceiling Mounted Speaker (Notifier SPCRK)	125.93	30.92
28 31 23 00-1169	EA	Selectable Candela Ceiling Mounted Speaker/Strobe (Notifier SPSCR)	141.34	30.92
28 31 23 00-1170	EA	High-Candela Ceiling Mounted Speaker/Strobe (Notifier SPSCRH)	149.46	30.92
28 31 23 00-1171	EA	High dB Ceiling Mounted Speaker/Strobe (Notifier SPSCRV)	141.34	30.92
28 31 23 00-1172	EA	High-Candela/High dB Ceiling Mounted Speaker/Strobe (Notifier SPSCRVH)	149.46	30.92
28 31 23 00-1173		**SpectrAlert Advance Accessories** *(28 31 23 00-0900)*		
28 31 23 00-1174	EA	Wall Mounted Backbox Skirt (Notifier BBS-2)	20.89	6.18
28 31 23 00-1175	EA	Ceiling Mounted Backbox Skirt (Notifier BBSC-2)	24.54	6.18
28 31 23 00-1176		**System Sensor Electric Alarm Bell** *(28 31 23 00-0900)*		
28 31 23 00-1177	EA	10” Alarm Bell (Notifier SSM24-10)	115.38	30.92
28 31 23 00-1178		**FM Series Door Releases** *(28 31 23 00-0900)*		
28 31 23 00-1179	EA	1/2" Door Holder Spacer (Notifier FM900-50)	21.29	6.18
28 31 23 00-1180	EA	3/4" Door Holder Spacer (Notifier FM900-75)	21.29	6.18
28 31 23 00-1181	EA	1" Door Holder Spacer (Notifier FM900-100)	21.29	6.18
28 31 23 00-1182	EA	Door Holder Extension Kit (Notifier FM900)	22.92	6.18
28 31 23 00-1183	EA	90 Degree Door Holder Extension Kit (Notifier FM900-Z)	22.92	6.18
28 31 23 00-1184	EA	Floor Mount Door Holder, 12Vdc, 24Vac/DC Or 120Vac (Notifier FM980)	155.14	30.92
28 31 23 00-1185	EA	Surface Mount Door Holder, 12Vdc, 24Vac/DC Or 120Vac (Notifier FM996)	135.66	30.92
28 31 23 00-1186	EA	Recessed Mount Door Holder With Concealed Wiring, 12Vdc, 24Vac/DC Or 120Vac (Notifier FM998)	135.66	30.92
28 31 23 00-1187		**Johnson Controls Fire Alarm** *(28 31 23)*		
28 31 23 00-1188	EA	Intelligent Addressable ION Detector; With FlashScan. (Johnson Controls, Inc. #1951J)	127.52	30.92
28 31 23 00-1189	EA	Intelligent Addressable Photo Detector; With FlashScan. (Johnson Controls, Inc. #2951J)	126.30	30.92
28 31 23 00-1190	EA	Intelligent Addressable Photo/Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TJ)	154.28	30.92
28 31 23 00-1191	EA	Acclimate™ Intelligent Photo Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TMJ)	153.89	30.92
28 31 23 00-1192	EA	411UD, 4 Channel Dual. (Johnson Controls, Inc. #411UD)	403.67	41.22
28 31 23 00-1193	EA	Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951HJ)	121.29	30.92
28 31 23 00-1194	EA	Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951J)	109.71	30.92
28 31 23 00-1195	EA	Intelligent Addressable Rate-of-Rise Thermal Detector; With FlashScan. (Johnson Controls, Inc. #5951RJ)	107.25	30.92
28 31 23 00-1196	EA	Intelligent Addressable Laser Detector; Low Profile, Use With IFC Series Panels Only. (Johnson Controls, Inc. #7351J)	295.96	30.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1197	EA	100 Watt Audio Amplifier @ 70.7 VRMS With Built-in Tone Generator, 120 VAC. (Johnson Controls, Inc. #AA-100)	1,400.15	61.83
28 31 23 00-1198	EA	AUDIO Amplifier, 100W, 230V. (Johnson Controls, Inc. #AA-100E)	1,357.46	61.83
28 31 23 00-1199	EA	120 Watt Audio Amplifier @ 25 VRMS With Built-in Tone Generator, 120 VAC. (Johnson Controls, Inc. #AA-120)	1,380.49	61.83
28 31 23 00-1200	EA	AUDIO Amplifier, 120W, 230V. (Johnson Controls, Inc. #AA-120E)	1,322.99	61.83
28 31 23 00-1201	EA	30 Watt Audio Amplifier @ 25 VRMS, 120 VAC. (Johnson Controls, Inc. #AA-30)	658.72	61.83
28 31 23 00-1202	EA	AUDIO Amplifier, 30W, 230V. (Johnson Controls, Inc. #AA-30E)	658.72	61.83
28 31 23 00-1203	EA	Annunciator Control Module With; 16 Red Alarm LED's, 16 Yellow Trouble LED's, And 16 Control Switches, On-line, System Trouble Led, And Local Sounder, Local Acknowledge And Lamp Test Switch, Supports 1, 2 Or 3 AEM-16AT Expander Modules. (Johnson Controls, Inc. #ACM-16AT)	640.89	20.61
28 31 23 00-1204	EA	IFC Series ACS Annunciator; Up To 96 Points Of Annunciatoriation With Alarm Or Active LED, Trouble LED And Switch Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) By Point To Be Red, Green Or Yellow And The Trouble LED Is Always Yellow. Expandable With One, Two Or Three AEM-24AT's. (Johnson Controls, Inc. #ACM-24AT)	666.23	20.61
28 31 23 00-1205	EA	Annunciator Control Module; Includes 32 Red Alarm LED's, System Trouble LED And On-line LED, Local Acknowledge, Lamp Test Switch, And Local Piezo Sounder, Supports One AEM-32A Expander Module. (Johnson Controls, Inc. #ACM-32A)	491.83	20.61
28 31 23 00-1206	EA	IFC Series ACS Annunciator; Up To 96 Points Of Annunciatoriation With Alarm Or Active LED Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) In Groups Of 24 To Be Red, Green Or Yellow. Expandable To 96 Points With One AEM-48A. (Johnson Controls, Inc. #ACM-48A)	491.83	20.61
28 31 23 00-1207	EA	Annunciator, Relay, Form C. (Johnson Controls, Inc. #ACM-8R)	349.68	20.61
28 31 23 00-1208	EA	Charger Power Supply - 6 Or 10 Amps; Mounts In CAB-PS1, CAB-3/4,EQ Cabx, BB-25, Or CHS-PS1; Comes With The PK-PPS Programming Utility. Windows® PC And USB Cable Required For Programming. (Johnson Controls, Inc. #ACPS-610)	1,116.35	41.22
28 31 23 00-1209	EA	Annunciator Expander Module With: 16 Red Alarm LED's, 16 Yellow Trouble LED's, 16 Control Switches, Cable For Connection To The ACM-16AT Master. (Johnson Controls, Inc. #AEM-16AT)	491.83	20.61
28 31 23 00-1210	EA	Annunciator Expander Module; 24 Alarm And Trouble LEDs, Expands The ACM-24AT To 48, 72 Or 96 Points. (Johnson Controls, Inc. #AEM-24AT)	510.88	20.61
28 31 23 00-1211	EA	Annunciator Expander Module With: 32 Red Alarm LED's, Cable For Connection To The ACM-32A Master. (Johnson Controls, Inc. #AEM-32A)	441.85	20.61
28 31 23 00-1212	EA	Annunciator Expander Module; 48 Alarm LEDs, Expands The ACM-48A To 96 Points. (Johnson Controls, Inc. #AEM-48A)	441.85	20.61
28 31 23 00-1213	EA	Back Box, Flush Or Surface Mount; Requires A Door And Telephone Chassis. (Johnson Controls, Inc. #AFAWS-BX)	81.04	18.55
28 31 23 00-1214	EA	Receiver, Multimode Fiber. (Johnson Controls, Inc. #AFL-RM)	680.40	41.22
28 31 23 00-1215	EA	Receiver, Singlemode Fiber. (Johnson Controls, Inc. #AFL-RS)	1,460.98	41.22
28 31 23 00-1216	EA	Transmit, Multimode Fiber. (Johnson Controls, Inc. #AFL-TM)	680.40	41.22
28 31 23 00-1217	EA	Transmit, Singlemode Fiber. (Johnson Controls, Inc. #AFL-TS)	1,460.98	41.22
28 31 23 00-1218	EA	Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B110LP)	30.95	10.30
28 31 23 00-1219	EA	Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224BI)	75.42	10.30
28 31 23 00-1220	EA	Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224RB)	71.39	10.30
28 31 23 00-1221	EA	Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B401)	32.67	10.30
28 31 23 00-1222	EA	Intelligent Detector Base, Without Flange. (Johnson Controls, Inc. #B501J)	29.81	10.30
28 31 23 00-1223	EA	Battery Cabinet, Lockable. (Johnson Controls, Inc. #BB-100)	501.22	41.22
28 31 23 00-1224	EA	Projected Beam Smoke Detector, Single-ended Reflected Type, Includes Trouble Relay, Transmitter/Receiver In One Unit. (Johnson Controls, Inc. #Beam1224)	1,157.57	61.83
28 31 23 00-1225	EA	Same As Beam1224 With Built-in Sensitivity Test Filter. (Johnson Controls, Inc. #Beam1224S)	1,222.19	61.83
28 31 23 00-1226	EA	Mounting Kit, Long RG, Beam. (Johnson Controls, Inc. #BeamLRK)	136.93	10.30
28 31 23 00-1227	EA	Mounting Kit, Beam Detect. (Johnson Controls, Inc. #BeamMMK)	93.85	10.30
28 31 23 00-1228	EA	Digital Audio Amplifier, 50W 25VRMS. (Johnson Controls, Inc. #DAA-5025)	1,158.52	61.83
28 31 23 00-1229	EA	Digital Audio Amplifier, 50W 25VRMS, Multi-Fiber. (Johnson Controls, Inc. #DAA-5025F)	1,071.41	61.83
28 31 23 00-1230	EA	Digital Audio Amplifier, 50W 25VRMS, Single-Fiber. (Johnson Controls, Inc. #DAA-5025SF)	1,071.41	61.83
28 31 23 00-1231	EA	Digital Audio Amplifier, 50W 70VRMS. (Johnson Controls, Inc. #DAA-5070)	1,252.62	61.83
28 31 23 00-1232	EA	Amplifier, Digital Audio. (Johnson Controls, Inc. #DAA-5070E)	1,157.57	61.83
28 31 23 00-1233	EA	Digital Audio Amplifier, 50W 70VRMS, Multi-Fiber. (Johnson Controls, Inc. #DAA-5070F)	1,157.57	61.83
28 31 23 00-1234	EA	Digital Audio Amplifier, 50W 70VRMS, Single-Fiber. (Johnson Controls, Inc. #DAA-5070SF)	1,157.57	61.83
28 31 23 00-1235	EA	Digital Audio Amplifier, 75W 25VRMS. (Johnson Controls, Inc. #DAA-7525)	1,379.12	61.83
28 31 23 00-1236	EA	Digital Audio Amplifier, 75W 25VRMS, Multi Fiber. (Johnson Controls, Inc. #DAA-7525F)	1,379.12	61.83
28 31 23 00-1237	EA	Digital Audio Amplifier, 75W 25VRMS, Single Fiber. (Johnson Controls, Inc. #DAA-7525SF)	1,379.12	61.83
28 31 23 00-1238	EA	Innovairflex Intelligent. (Johnson Controls, Inc. #DNR)	149.84	20.61
28 31 23 00-1239	EA	Innovairflex Duct Detect. (Johnson Controls, Inc. #DNRW)	225.18	20.61
28 31 23 00-1240	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1)	23.36	8.25
28 31 23 00-1241	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1.5)	25.13	8.25
28 31 23 00-1242	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST10)	49.63	8.25
28 31 23 00-1243	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST3)	29.10	8.25
28 31 23 00-1244	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST5)	31.86	8.25
28 31 23 00-1245	EA	Digital Voice Command, Analog Output. (Johnson Controls, Inc. #DVC-AO)	226.45	20.61
28 31 23 00-1246	EA	Digital Voice Command, Keypad. (Johnson Controls, Inc. #DVC-KD)	379.70	41.22
28 31 23 00-1247	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or AMPS-24; B Size, Black. (Johnson Controls, Inc. #EQBB-B4)	328.01	61.83
28 31 23 00-1248	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or AMPS-24; C Size, Black. (Johnson Controls, Inc. #EQBB-C4)	444.03	61.83
28 31 23 00-1249	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or AMPS-24; D Size, Black. (Johnson Controls, Inc. #EQBB-D4)	482.80	61.83
28 31 23 00-1250	EA	Equipment Cabinet Door; B Size Black. (Johnson Controls, Inc. #EQDR-B4)	244.20	8.25
28 31 23 00-1251	EA	Equipment Cabinet Door; C Size Black. (Johnson Controls, Inc. #EQDR-C4)	366.28	8.25
28 31 23 00-1252	EA	Equipment Cabinet Door; D Size Black. (Johnson Controls, Inc. #EQDR-D4)	402.19	8.25
28 31 23 00-1253	EA	6.0 Amps, 120 VAC Remote Charger Power Supply. Includes Main Printed Circuit Board, TransFormers And Installation Instructions. (Johnson Controls, Inc. #FCPS-24S6)	665.29	82.45
28 31 23 00-1254	EA	8.0 Amps, 120 VAC Remote Charger Power Supply. Includes Main Printed Circuit Board, TransFormers And Installation Instructions. (Johnson Controls, Inc. #FCPS-24S8)	669.49	82.45
28 31 23 00-1255	EA	80 Character Display Annunciator. "Security Keypad" Mechanical Design. For Use With The IFC-320, JCPU2-640, JCPU-640 And IFC-400/300 (Rev 3.62+) Only. (Johnson Controls, Inc. #FDU-80G)	627.70	61.83
28 31 23 00-1256	EA	Fireman's Telephone Hand Set. (Johnson Controls, Inc. #FHS)	115.39	10.30
28 31 23 00-1257	EA	Fire Phone Storage Cabinet, Recessed, Holds 6 Phones. (Johnson Controls, Inc. #FHSC-R)	322.96	20.61
28 31 23 00-1258	EA	Door Holder, Magnetic, Floor. (Johnson Controls, Inc. #FM980)	179.79	30.92
28 31 23 00-1259	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM996)	149.23	30.92

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28 31 23 00-1260	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM998)	156.19	30.92
28 31 23 00-1261	EA	Addressable Beam Detector. (Johnson Controls, Inc. #FSB-200)	1,169.49	41.22
28 31 23 00-1262	EA	Addressable Beam Detector With Remote Test Feature. (Johnson Controls, Inc. #FSB-200S)	1,424.48	41.22
28 31 23 00-1263	EA	Intelligent Addressable HARSH (Hostile Area Smoke Head) Detector; Photo, Requires B501B-FTXJ Base. (Johnson Controls, Inc. #FTX-P2J)	434.04	20.61
28 31 23 00-1264	EA	IFC-320 Intelligent Fire Alarm Panel; Single Printed Circuit Board With One SLC Loop (318 Devices), Back-lit, 80 Character Display, System And Programming Keypad And 6.0 A Power Supply, 120 VAC, Includes Door, Dress Panel And Back Box, Black. (Johnson Controls, Inc. #IFC-320)	3,039.51	329.78
28 31 23 00-1265	EA	Upgrade Kit, ORG BLD, 640. (Johnson Controls, Inc. #IFC-640UG)	1,436.86	41.22
28 31 23 00-1266	EA	Workstation Only Workstation GUI Software And Hardware Package. (Johnson Controls, Inc. #IFI)	19,210.33	989.35
28 31 23 00-1267	EA	Workstation With NFN Fiber PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-F) Fiber Version. (Johnson Controls, Inc. #IFI-F)	20,933.49	989.35
28 31 23 00-1268	EA	Workstation With Echelon Wire PC Card Workstation GUI Software And Hardware Package For Building Systems Integration, WSSUP Workstation Supervisor. Includes Echelon® Gateway (ECH-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-IP)	23,518.24	989.35
28 31 23 00-1269	EA	Workstation With NFN Wire PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-W)	20,933.49	989.35
28 31 23 00-1270	EA	Annunciator Flush Box. Mounts One Annunciator Module. (Johnson Controls, Inc. #JABF-1B)	143.64	12.37
28 31 23 00-1271	EA	Annunciator Flush Box. One Module. Attractive Glass Door And Key Lock. (Johnson Controls, Inc. #JABF-1DB)	160.87	12.37
28 31 23 00-1272	EA	Annunciator Flush Box. Mounts Two Annunciator Modules. (Johnson Controls, Inc. #JABF-2B)	174.66	12.37
28 31 23 00-1273	EA	Annunciator Flush Box. Mounts Four Annunciator Modules. (Johnson Controls, Inc. #JABF-4B)	321.13	12.37
28 31 23 00-1274	EA	Annunciator Surface Box. Deep With Trim Cover. (Johnson Controls, Inc. #JABS-1TB)	106.09	8.25
28 31 23 00-1275	EA	Surface (or Semi-flush) Mount Backbox. Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Black. (Johnson Controls, Inc. #JABS-2D)	168.35	18.55
28 31 23 00-1276	EA	Surface (or Semi-flush) Mount Backbox. Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Red. (Johnson Controls, Inc. #JABS-2DR)	178.23	18.55
28 31 23 00-1277	EA	Surface (or Semi-flush) Mount INA, ACS, Or SCS Backbox, Black. (Johnson Controls, Inc. #JABS-4D)	319.69	18.55
28 31 23 00-1278	EA	Audio Command Door For CAB-B4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-B4)	313.74	8.25
28 31 23 00-1279	EA	Audio Command Door For CAB-C4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-C4)	421.44	8.25
28 31 23 00-1280	EA	Audio Command Door For CAB-D4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-D4)	520.52	8.25
28 31 23 00-1281	EA	Addressable Pull Station; With FlashScan. (Johnson Controls, Inc. #JBG-12LX)	155.52	20.61
28 31 23 00-1282	EA	Battery Dress Panel For CAB-4 Series; For Use With The JCPU2-3030, JCPU2-640, JNCA-2, And DVC Systems. (Johnson Controls, Inc. #JBP2-4)	71.90	8.25
28 31 23 00-1283	EA	JCPU2-3030 CPU With 640-character Display; Required For Single Panel (One CPU2-3030) Systems. Includes: CPU, 640-Character Backlit LCD Display, QWERTY Programming And Control Keypad, Installation, Programming And Operating Manuals. Supports One To 10 Signaling Line Circuits (Up To Five LCM-320 And Five LEM-320). Order One Per System Or As Necessary (Up To 103 Network Nodes) For A Networked System. Requires Top Row Of A Cabinet. (Johnson Controls, Inc. #JCPU2-3030D)	3,032.99	329.78
28 31 23 00-1284	EA	Central Processing Unit For The JCPU2-640 With Integral 120V Power Supply, Includes CHS2-M2 Chassis. (Johnson Controls, Inc. #JCPU2-640)	2,194.23	247.34
28 31 23 00-1285	EA	Main Board, CPU, IFC3030, DI. (Johnson Controls, Inc. #JCPU-3030D)	3,888.37	329.78
28 31 23 00-1286	EA	Main Board, CPU, IFC640. (Johnson Controls, Inc. #JCPU-640)	3,699.82	247.34
28 31 23 00-1287	EA	Main Board, CPU, IFC640, EUR. (Johnson Controls, Inc. #JCPU-640E)	2,700.57	247.34
28 31 23 00-1288	EA	Digital Voice Command, Extended Memory. (Johnson Controls, Inc. #JDVC-EM)	1,425.98	30.92
28 31 23 00-1289	EA	Digital Voice Command, Extended Memory, Multi-Fiber. (Johnson Controls, Inc. #JDVC-EMF)	1,440.36	30.92
28 31 23 00-1290	EA	Digital Voice Command, Extended Memory, Single-Fiber. (Johnson Controls, Inc. #JDVC-EMSF)	1,440.36	30.92
28 31 23 00-1291	EA	Annunciator, Network Control. (Johnson Controls, Inc. #JNCA)	1,706.97	41.22
28 31 23 00-1292	EA	Network Control Annunciator-2, 640-characters; On Single Panel (one JCPU2-640) JCPU2-640 Systems, The JNCA-2 Can Be The Primary Display For The Panel And Connects Directly To The JCPU2-640. On Network Systems (Two Or More JCPU2-640's), One Network Display (Either JNCA-2 Or IFW) Is Required For Every System And Each JNCA-2 Connects To And Requires An NCM Network Control Module. Mounts In A Row Of FACP Node Or In Two Annunciator Module Positions. Mounting Options Include: NCA/640-2-Kit (directly Mounting To The CHS2-M2), CA-2, ADP-4B, Or In An Annunciator Box, Such As The ABS-2DB (requires The CHS-2D). (Johnson Controls, Inc. #JNCA-2)	1,449.78	41.22
28 31 23 00-1293	EA	Mass Notification Voice Paging; Requires JNOTIFY-PAA Hardware Package (Sold Separately). (Johnson Controls, Inc. #JNOTIFY-IP)	1,356.26	247.34
28 31 23 00-1294	EA	160 Character Display Annunciator; For Use With JCPU-3030 And JCPU2-3030. (Johnson Controls, Inc. #LCD-160)	1,035.90	41.22
28 31 23 00-1295	EA	80 Character LCD Annunciator. Mounts In ABS-1T, ABF-1D, ABF-2D, Or Flush Back Box. (Johnson Controls, Inc. #LCD-80)	855.79	41.22
28 31 23 00-1296	EA	Loop Control Module. Each LCM May Be Expanded To Two Loops By Adding A LEM-320. IFC2- 3030 And IFC-3030 Only. (Johnson Controls, Inc. #LCM-320)	1,364.82	41.22
28 31 23 00-1297	EA	Lamp Driver Annunciator Control Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-32)	421.24	10.30
28 31 23 00-1298	EA	Cable 24": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL24)	137.96	8.25
28 31 23 00-1299	EA	Cable 48": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL48)	168.98	8.25
28 31 23 00-1300	EA	Lamp Driver Annunciator Expander Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-E32)	340.27	10.30
28 31 23 00-1301	EA	Relay Module. 32 Form-A Contacts. Connects To LDM-32 Or LDM-E32. (Johnson Controls, Inc. #LDM-R32)	620.28	10.30
28 31 23 00-1302	EA	Loop Expander Module. Mounts As Daughter Board To LCM-320 To Provide Even Numbered SLC Loops. (Johnson Controls, Inc. #LEM-320)	1,119.79	10.30
28 31 23 00-1303	EA	Addressable Control Module With FlashScan; Configured For One Class A Or Class B NAC. (Johnson Controls, Inc. #M300CJ)	92.46	10.30
28 31 23 00-1304	EA	Addressable Dual Monitor Module; With FlashScan, Two Class B Circuits. (Johnson Controls, Inc. #M300DJ)	144.32	10.30
28 31 23 00-1305	EA	Addressable Monitor Module; With FlashScan; Supervises Either A Class A Or Class B Circuit Of N.D. Dry-contact Input Devices. (Johnson Controls, Inc. #M300MJ)	73.66	10.30
28 31 23 00-1306	EA	Addressable Relay Module With FlashScan; Provides Two Form-C Dry Contacts That Switch Together. (Johnson Controls, Inc. #M300RJ)	101.33	10.30
28 31 23 00-1307	EA	Addressable Mini Module With FlashScan; Supervises A Class B Circuit Of N.D. Dry-contact Devises. (Johnson Controls, Inc. #M301MJ)	80.93	10.30
28 31 23 00-1308	EA	Addressable 2-Wire Detector Monitor Module; With FlashScan. (Johnson Controls, Inc. #M302MJ)	128.78	10.30
28 31 23 00-1309	EA	Addressable Firephone Control Module With Flashscan. (Johnson Controls, Inc. #M500FPJ)	146.16	10.30
28 31 23 00-1310	EA	SLC Loop Isolator Module; Isolates Against Short Circuits On The SLC. (Johnson Controls, Inc. #M500XJ)	84.63	10.30
28 31 23 00-1311	EA	Network INTFC, P2P, Wire. (Johnson Controls, Inc. #MIB-W)	1,192.22	30.92
28 31 23 00-1312	EA	Network Adapter, Fiber. (Johnson Controls, Inc. #NAM-232F)	1,057.02	20.61
28 31 23 00-1313	EA	Network Adapter, Wire. (Johnson Controls, Inc. #NAM-232W)	977.76	20.61
28 31 23 00-1314	EA	Plate, Retrofit, NCA-2. (Johnson Controls, Inc. #NCA-2RETRO)	38.40	4.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1315	EA	Network Control Module - Multi Mode Fiber; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-F)	856.63	20.61
28 31 23 00-1316	EA	Network Control Module - Wire; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-W)	816.19	20.61
28 31 23 00-1317	EA	NFV-25/50. (Johnson Controls, Inc. #NFV-25/50)	2,078.17	41.22
28 31 23 00-1318	EA	NU-RPT101-1U RS485. (Johnson Controls, Inc. #NU-RPT101-1U)	581.79	20.61
28 31 23 00-1319	EA	Key Switch, Remote Control. (Johnson Controls, Inc. #RKS-S)	160.37	8.25
28 31 23 00-1320	EA	Microphone Assembly For Mounting To An ADP-4 Dress Panel. (Johnson Controls, Inc. #RM-1)	371.21	20.61
28 31 23 00-1321	EA	Microphone Assembly For Mounting In An CAB-RM Cabinet. (Johnson Controls, Inc. #RM-1SA)	371.21	20.61
28 31 23 00-1322	EA	Remote Page Jack. Allows Remote All-Call Paging. (Johnson Controls, Inc. #RPJ-1)	100.93	8.25
28 31 23 00-1323	EA	SA-WBB, Weatherproof. (Johnson Controls, Inc. #SA-WBB)	27.73	4.12
28 31 23 00-1324	EA	SA-WBBC, Weatherproof. (Johnson Controls, Inc. #SA-WBBC)	27.73	4.12
28 31 23 00-1325	EA	Strobe, Standard, 12/24 VDC, Red. (Johnson Controls, Inc. #SCR)	113.53	30.92
28 31 23 00-1326	EA	Strobe, HI, 12/24 VDC, Red. (Johnson Controls, Inc. #SCRH)	125.59	30.92
28 31 23 00-1327	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SCRHK)	139.37	30.92
28 31 23 00-1328	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SCRK)	137.64	30.92
28 31 23 00-1329	EA	Smoke Control Master; Includes Eight On/off/auto Switches. Supports One SCE-8. Includes Manual, Slide-in Labels. Mounts In ADP-4 Or ABS-4D. (Johnson Controls, Inc. #SCS-8)	904.99	82.45
28 31 23 00-1330	EA	Smoke Control Lamp Driver. Outputs For 8 On/off/auto Switches With LED's. Intended For Custom Built Smoke Control Stations. Support One SCE-8L. (Johnson Controls, Inc. #SCS-8L)	715.44	82.45
28 31 23 00-1331	EA	Strobe, Standard, 12/24 VDC, White. (Johnson Controls, Inc. #SCW)	113.53	30.92
28 31 23 00-1332	EA	Strobe, HI, 12/24 VDC, Red. (Johnson Controls, Inc. #SCWH)	125.59	30.92
28 31 23 00-1333	EA	Strobe, Standard, 12/24 VDC, White. (Johnson Controls, Inc. #SCW-P)	113.53	30.92
28 31 23 00-1334	EA	Mounting Kit, M300/M500. (Johnson Controls, Inc. #SMB500)	21.96	8.25
28 31 23 00-1335	EA	SMK-MOV Kit-LON. (Johnson Controls, Inc. #SMK-MOVKit-LON)	22.08	4.12
28 31 23 00-1336	EA	SMK-MOV Kit-MSTP. (Johnson Controls, Inc. #SMK-MOVKit-MSTP)	24.85	4.12
28 31 23 00-1337	EA	SPBBS, Wall, Back Box. (Johnson Controls, Inc. #SPBBS)	22.10	4.12
28 31 23 00-1338	EA	Strobe, Standard, 12/24 VDC, Red. (Johnson Controls, Inc. #SR)	105.22	30.92
28 31 23 00-1339	EA	Strobe, HI, 12/24 VDC, Red. (Johnson Controls, Inc. #SRH)	125.59	30.92
28 31 23 00-1340	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SRHK)	139.37	30.92
28 31 23 00-1341	EA	Strobe, HI, 12/24 VDC, Red. (Johnson Controls, Inc. #SRH-P)	125.59	30.92
28 31 23 00-1342	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SRK)	137.64	30.92
28 31 23 00-1343	EA	Strobe, Standard, 12/24 VDC, Red. (Johnson Controls, Inc. #SR-P)	113.53	30.92
28 31 23 00-1344	EA	Strobe, Standard, 12/24 VDC, White. (Johnson Controls, Inc. #SW)	113.53	30.92
28 31 23 00-1345	EA	Strobe, HI, 12/24 VDC, White. (Johnson Controls, Inc. #SWH)	125.59	30.92
28 31 23 00-1346	EA	Strobe, HI, 12/24 VDC, White. (Johnson Controls, Inc. #SWH-P)	125.59	30.92
28 31 23 00-1347	EA	Strobe, Standard, 12/24 VDC, White. (Johnson Controls, Inc. #SW-P)	113.53	30.92
28 31 23 00-1348	EA	Firefighter's Telephone Handset Only. (Johnson Controls, Inc. #TELH-1)	140.36	10.30
28 31 23 00-1349	EA	Universal Digital Alarm Communicator Transmitter. (Johnson Controls, Inc. #UDACT)	617.27	41.22
28 31 23 00-1350	EA	Speaker Strobe, Ceiling, White, 2 W (MAX), Dual Voltage, Multi. (Johnson Controls, Inc. #SPSCW)	165.94	41.22
28 31 23 00-1351	EA	Speaker, White, Ceiling Mount. (Johnson Controls, Inc. #SPCW)	72.49	20.61
28 31 23 00-1352	EA	Speaker, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPCWV)	72.49	20.61
28 31 23 00-1353	EA	Speaker Strobe, Red, Ceiling Mount, Standard Candela. (Johnson Controls, Inc. #SPSCR)	124.71	20.61
28 31 23 00-1354	EA	Speaker Strobe, Red, Ceiling Mount, High Candela. (Johnson Controls, Inc. #SPSCRH)	134.70	20.61
28 31 23 00-1355	EA	Speaker Strobe, Red, Ceiling Mount, High Candela, High Db. (Johnson Controls, Inc. #SPSCRVH)	134.70	20.61
28 31 23 00-1356	EA	Speaker Strobe, Wihte, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPSCWV)	120.74	20.61
28 31 23 00-1357	EA	Speaker Strobe Wall, WP, White, 2W (MAX), Dual Volt, Multl D. (Johnson Controls, Inc. #SPSWK)	160.74	20.61
28 31 23 00-1358	EA	Speaker Strobe, Wall, White, Standard Candela. (Johnson Controls, Inc. #SPSW)	124.71	20.61
28 31 23 00-1359	EA	Wall Mount Speaker, White. (Johnson Controls, Inc. #SPW)	72.49	20.61
28 31 23 00-1360	EA	Wall Mount Speaker, Red. (Johnson Controls, Inc. #SPR)	72.49	20.61
28 31 23 00-1361	EA	Speaker Strobe, Wall, White, High Cd. (Johnson Controls, Inc. #SPSWH)	134.70	20.61
28 31 23 00-1362	EA	Speaker Strobe, Wall, Red, High Cd. (Johnson Controls, Inc. #SPSR)	124.71	20.61
28 31 23 00-1363	EA	Speaker Strobe, Wall, Red, High Db, High Candela. (Johnson Controls, Inc. #SPSRV)	124.71	20.61
28 31 23 00-1364		Honeywell Fire Alarm *(28 31 23)*		
28 31 23 00-1365		Fire-Lite System *(28 31 23 00-1364)*		
28 31 23 00-1366		Addressable Control Panels *(28 31 23 00-1365)*		
28 31 23 00-1367	EA	25 Point Intelligent Control (Fire Lite MS-25) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	1,272.45	412.23
28 31 23 00-1368	EA	50 Point Intelligent Control (Fire Lite MS-9050UD) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	1,381.45	412.23
28 31 23 00-1369	EA	198-Point Intelligent Control (Fire Lite MS-9200UDLS) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	1,961.67	412.23
28 31 23 00-1370	EA	636-Point Intelligent Control (Fire Lite MS-9600LS) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	2,851.90	412.23
28 31 23 00-1371	EA	636-Point Intelligent Control (Fire Lite MS-9600UDLS) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	2,747.90	412.23
28 31 23 00-1372		Fire Alarm Terminal Cabinets *(28 31 23)*		
28 31 23 00-1373	EA	18 Point Lockable Fire Alarm Terminal Cabinet	145.54	41.29
28 31 23 00-1374	EA	32 Point Lockable Fire Alarm Terminal Cabinet	183.33	41.29
28 31 23 00-1375	EA	64 Point Lockable Fire Alarm Terminal Cabinet	258.89	41.29
28 31 23 00-1376	EA	128 Point Lockable Fire Alarm Terminal Cabinet	334.43	41.29

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1377			Test And Certification *(28 31 23)*		
	28 31 23 00-1378	DAY	Test And Certification For Tie Into Existing Systems	657.28	
	28 31 23 00-1379	HR	Test And Certification Of System	106.01	
			Note: GCC Programming and Engineering; Programming of the Fire Alarm System.		

28 33 Gas Detection and Alarm *(28 30)*

28 33 00 00-0001			Monitoring System For Underground Tanks *(28 33)*		
28 33 00 00-0002			Continuous Leak Detection System *(28 33 00 00-0001)*		
			Note: Includes calibration, electronic control module and probes. Excludes sample wells, electrical power supply and sensor cable.		
	28 33 00 00-0003	EA	Single Channel Underground Tank Monitoring System	2,801.50	338.02
	28 33 00 00-0004	EA	2 Channel Underground Tank Monitoring System	3,773.48	450.97
	28 33 00 00-0005	EA	3 Channel Underground Tank Monitoring System	5,154.76	483.13
	28 33 00 00-0006	EA	4 Channel Underground Tank Monitoring System	5,717.45	676.05
	28 33 00 00-0007	EA	Control Panel, 1-8 Tanks, Single Wall Tank Monitoring System	3,520.56	57.71
	28 33 00 00-0008	EA	Control Panel, 1-4 Tanks, Double Wall Tank Monitoring System	3,174.21	51.53
	28 33 00 00-0009	EA	Control Panel, 1-8 Tanks, Double Wall Tank Monitoring System	4,162.03	57.71
	28 33 00 00-0010	EA	Tank Leak Detection Probe	1,281.80	12.37
	28 33 00 00-0011	EA	Secondary Containment Collar Probe	160.56	4.95
	28 33 00 00-0012	EA	Interstitial Leak Detection Probe	295.78	10.30
	28 33 00 00-0013	EA	Liquid Phase Detection	972.42	30.92
	28 33 00 00-0014	EA	Hydrocarbon Vapor, Fixed	900.42	30.92
	28 33 00 00-0015	EA	Hydrocarbon Vapor, Float Mounted	1,048.32	35.04
	28 33 00 00-0016	EA	Liquid And Vapor Hydrocarbon	1,192.33	35.04
28 33 00 00-0017			Hydrogen Gas Detection *(28 33)*		
	28 33 00 00-0018	EA	Hydrogen Gas Detector Sensor, 1% Fan Relay, 2% Alarm (SBS HGDI-DR)	985.12	30.97
	28 33 00 00-0019	EA	Hydrogen Gas Detector Junction Box (SBS HGDI-JB)	56.74	10.32
	28 33 00 00-0020	EA	Remote Display With 25' Cable For Hydrogen Gas Detector (SBS HGDI-REM)	263.07	30.97

28 34 Fuel-Oil Detection and Alarm *(28 30)*

See CSI section 28 33 00 00-0000 for detection and alarms.

END OF SECTION 28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 Earthwork

31 05 Common Work Results For Earthwork *(31)*

31 05 13 Soils For Earthwork *(31 05)*

Note: Includes delivery up to 15 miles from the closest approved source and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0030 for hauling greater than 15 miles.

31 05 13 00-0001 Fill Material (Loose, Purchased Material) *(31 05 13)*

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0030 for hauling greater than 15 miles.

31 05 13 00-0002	CY	Sand, Bank Run	31.15	
		For Up To 10, Add	*8.71*	
		For >10 To 25, Add	*3.12*	
31 05 13 00-0003	CY	3/8" Minus, ASTM C33, Screened/Washed Bedding Sand	32.13	
		For Up To 10, Add	*9.01*	
		For >10 To 25, Add	*3.21*	
31 05 13 00-0004	CY	Native Clean Fill Soil/Dirt - Common	19.63	
		For Up To 10, Add	*5.26*	
		For >10 To 25, Add	*1.96*	
31 05 13 00-0005	CY	Crushed Lime Rock Maximum 3-1/2"	22.44	
		For Up To 10, Add	*6.10*	
		For >10 To 25, Add	*2.24*	
31 05 13 00-0006	CY	Asphalt Sand	29.45	
		For Up To 10, Add	*8.20*	
		For >10 To 25, Add	*2.95*	
31 05 13 00-0007	CY	Sand/Clay	30.61	
		For Up To 10, Add	*8.55*	
		For >10 To 25, Add	*3.06*	
31 05 13 00-0008	CY	Recycled Concrete Aggregate	39.49	
		For Up To 10, Add	*11.22*	
		For >10 To 25, Add	*3.95*	
31 05 13 00-0009	CY	Sand Fill, Washed Aggregate	40.19	
		For Up To 10, Add	*11.43*	
		For >10 To 25, Add	*4.02*	
31 05 13 00-0010	CY	Pond Sand	20.47	
		For Up To 10, Add	*5.51*	
		For >10 To 25, Add	*2.05*	

31 05 16 Aggregates For Earthwork *(31 05)*

Note: Includes delivery up to 15 miles from the closest approved source and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0030 for hauling greater than 15 miles.

31 05 16 00-0001 Aggregate (Loose, Purchased Material) *(31 05 16)*

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0030 for hauling greater than 15 miles.

31 05 16 00-0002	CY	#3 Stone Aggregate Fill (1" To 2" Clean)	29.29	
		For Up To 10, Add	*8.16*	
		For >10 To 25, Add	*2.93*	
31 05 16 00-0003	CY	#4 Stone Aggregate Fill (3/4" To 1-1/2" Clean)	29.74	
		For Up To 10, Add	*8.29*	
		For >10 To 25, Add	*2.97*	
31 05 16 00-0004	CY	#5 Stone Aggregate Fill (1/2" To 1" Clean)	31.91	
		For Up To 10, Add	*8.94*	
		For >10 To 25, Add	*3.19*	
31 05 16 00-0005	CY	#6 Stone Aggregate Fill (3/8" To 3/4" Clean)	32.34	
		For Up To 10, Add	*9.07*	
		For >10 To 25, Add	*3.23*	
31 05 16 00-0006	CY	#56 Stone Aggregate Fill (3/8" To 1")	33.23	
		For Up To 10, Add	*9.34*	
		For >10 To 25, Add	*3.32*	
31 05 16 00-0007	CY	#57 Stone Aggregate Fill (#4 To 1")	33.76	
		For Up To 10, Add	*9.50*	
		For >10 To 25, Add	*3.38*	
31 05 16 00-0008	CY	#67 Or #68 Stone Aggregate Fill (#4 To 3/4")	34.25	
		For Up To 10, Add	*9.64*	
		For >10 To 25, Add	*3.43*	
31 05 16 00-0009	CY	#7 Stone Aggregate Fill (1/2" To #4)	34.34	
		For Up To 10, Add	*9.67*	
		For >10 To 25, Add	*3.43*	
31 05 16 00-0010	CY	#78 Stone Aggregate Fill (#8 To 1/2")	35.23	
		For Up To 10, Add	*9.94*	
		For >10 To 25, Add	*3.52*	
31 05 16 00-0011	CY	#8 Stone Aggregate Fill (3/8" x 1/8")	36.12	
		For Up To 10, Add	*10.20*	
		For >10 To 25, Add	*3.61*	
31 05 16 00-0012	CY	#89 Stone Aggregate Fill (#16 To 3/8")	36.25	
		For Up To 10, Add	*10.24*	
		For >10 To 25, Add	*3.63*	
31 05 16 00-0013	CY	#9 Stone Aggregate Fill (1/4" Clean)	36.40	
		For Up To 10, Add	*10.29*	
		For >10 To 25, Add	*3.64*	
31 05 16 00-0014	CY	#10 Stone Aggregate Fill (#8 To 3/4)	37.75	
		For Up To 10, Add	*10.69*	
		For >10 To 25, Add	*3.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 16 00-0015	CY	#610 Modified Stone Aggregate Fill (#16 To 3/4")	35.04	
		For Up To 10, Add	*9.88*	
		For >10 To 25, Add	*3.50*	
31 05 16 00-0016	CY	Screenings Stone Aggregate Fill	28.48	
		For Up To 10, Add	*7.91*	
		For >10 To 25, Add	*2.85*	
31 05 16 00-0017	CY	Stone Aggregate Fill, Random Size, Over 6" To 12"	38.70	
		For Up To 10, Add	*10.98*	
		For >10 To 25, Add	*3.87*	
31 05 16 00-0018	CY	Graded Stone Aggregate Fill, Over 6" To 12"	42.63	
		For Up To 10, Add	*12.16*	
		For >10 To 25, Add	*4.26*	
31 05 16 00-0019	CY	Surge Stone Aggregate Fill (3" To 7" Random)	34.19	
		For Up To 10, Add	*9.63*	
		For >10 To 25, Add	*3.42*	
31 05 16 00-0020	CY	Surge Stone Graded Aggregate Fill (3" To 7")	39.34	
		For Up To 10, Add	*11.17*	
		For >10 To 25, Add	*3.93*	
31 05 16 00-0021	CY	Crusher Run Aggregate Fill (2-1/2" Minus)	32.75	
		For Up To 10, Add	*9.19*	
		For >10 To 25, Add	*3.28*	
31 05 16 00-0022	CY	Crusher Run Aggregate Fill (1-1/2" Minus)	31.87	
		For Up To 10, Add	*8.93*	
		For >10 To 25, Add	*3.19*	
31 05 16 00-0023	CY	Crusher Run Aggregate Fill (3/4" Minus)	28.85	
		For Up To 10, Add	*8.02*	
		For >10 To 25, Add	*2.89*	

31 05 36 Equipment Delivery, Pickup, Mobilization And Demobilization *(31 05)*

See CSI section 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

31 10 Site Clearing *(31)*

31 11 Clearing And Grubbing *(31 10)*

31 11 00 00-0001 Cut Trees - Grub Roots And Stump *(31 11)*

Note: Tree diameter (diameter at breast height) is the diameter of the tree trunk measured at 4.5' above ground level. Based on tree density (light, medium or heavy) to be removed. See CSI section 31 13 13 00-0001 for small areas or individual trees removal.

31 11 00 00-0002	ACR	Clear And Grub Light Trees Up To 6" Diameter, Cut And Chip Note: Includes grub and removal of stump	6,217.64
31 11 00 00-0003	ACR	Clear And Grub Light Stumps Only Up To 6" Diameter	1,600.53
31 11 00 00-0004	ACR	Clear And Grub Medium Trees Up To 10" Diameter, Cut And Chip Note: Includes grub and removal of stump	7,253.90
31 11 00 00-0005	ACR	Clear And Grub Medium Stumps Only Up To 10" Diameter	2,667.55
31 11 00 00-0006	ACR	Clear And Grub Heavy Trees Up To 16" Diameter, Cut And Chip Note: Includes grub and removal of stump	8,243.07
31 11 00 00-0007	ACR	Clear And Grub Heavy Stumps Only Up To 16" Diameter	2,667.55
31 11 00 00-0008	ACR	Clearing - Light Brush Without Grub	236.38
31 11 00 00-0009	ACR	Clearing - Medium Brush Without Grub	487.51
31 11 00 00-0010	ACR	Clearing - Heavy Brush Without Grub	695.66
31 11 00 00-0011	ACR	Chipping - Light Brush	1,934.72
31 11 00 00-0012	ACR	Chipping - Medium Brush	2,487.62
31 11 00 00-0013	ACR	Chipping - Heavy Brush	3,482.99

31 11 00 00-0014 Loading Of Cleared And Grubbed Material *(31 11)*

See CSI section 01 74 19 00-0030 for hauling.

31 11 00 00-0015	CY	Machine Loading Of Cleared And Grubbed Material	8.12
31 11 00 00-0016	CY	Chute Loading Of Cleared And Grubbed Material	9.73
31 11 00 00-0017	CY	Hand Loading Of Cleared And Grubbed Material	30.15
31 11 00 00-0018	CY	Wheel And Ramp Loading Of Cleared And Grubbed Material	23.68

31 13 Selective Tree And Shrub Removal And Trimming *(31 10)*

31 13 13 Selective Tree And Shrub Removal *(31 13)*

31 13 13 00-0001 Individual Tree And Stump Removal *(31 13 13)*

Note: Individual tree removal tasks exclude stump removal or grinding. Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation.

31 13 13 00-0002	EA	Up To 6" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	80.03
31 13 13 00-0003	EA	>6" To 12" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	153.38
31 13 13 00-0004	EA	>12" To 24" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	200.06
31 13 13 00-0005	EA	>24" To 36" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	300.10
31 13 13 00-0006	EA	>36" To 48" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	353.47
31 13 13 00-0007	EA	Up To 6" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	488.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 13 13 00-0008	EA	>6" To 12" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	611.13	
31 13 13 00-0009	EA	>12" To 24" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	896.32	
31 13 13 00-0010	EA	>24" To 36" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,222.26	
31 13 13 00-0011	EA	>36" To 48" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,629.68	
31 13 13 00-0012	EA	Up To 6" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	453.37	
31 13 13 00-0013	EA	>6" To 12" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	680.06	
31 13 13 00-0014	EA	>12" To 24" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	906.74	
31 13 13 00-0015	EA	>24" To 36" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	1,360.11	
31 13 13 00-0016	EA	>36" To 48" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	1,813.48	
31 13 13 00-0017		Stump Grinding *(31 13 13)* Note: Measured by diameter of stump.		
31 13 13 00-0018		Stump Grinding, 18" Deep Below Surface Of Soil *(31 13 13 00-0017)* Note: Level soil to match existing surface area.		
31 13 13 00-0019	EA	Stump Grinding Up To 6" Tree	82.73	
31 13 13 00-0020	EA	Stump Grinding >6" To 12" Tree	110.30	
31 13 13 00-0021	EA	Stump Grinding >12" To 15" Tree	124.10	
31 13 13 00-0022	EA	Stump Grinding >15" To 18" Tree	137.89	
31 13 13 00-0023	EA	Stump Grinding >18" To 21" Tree	148.23	
31 13 13 00-0024	EA	Stump Grinding >21" To 24" Tree	158.57	
31 13 13 00-0025	EA	Stump Grinding >24" To 27" Tree	172.36	
31 13 13 00-0026	EA	Stump Grinding >27" To 30" Tree	187.17	
31 13 13 00-0027	EA	Stump Grinding >30" To 33" Tree	207.97	
31 13 13 00-0028	EA	Stump Grinding >33" To 36" Tree	221.84	
31 13 13 00-0029	EA	Stump Grinding >36" To 42" Tree	249.56	
31 13 13 00-0030	EA	Stump Grinding >42" To 48" Tree	277.30	
31 13 13 00-0031		Shrub Removal, Dig And Lace *(31 13 13)*		
31 13 13 00-0032	EA	Remove 18" To 24" Shrub, Broadleaf Evergreen	33.53	
31 13 13 00-0033	EA	Remove 2' To 3' Shrub, Broadleaf Evergreen	52.59	
31 13 13 00-0034	EA	Remove 3' To 4' Shrub, Broadleaf Evergreen	60.97	
31 13 13 00-0035	EA	Remove 4' To 5' Shrub, Broadleaf Evergreen	91.47	
31 13 13 00-0036	EA	Remove 12" To 15" Shrub, Deciduous	16.77	
31 13 13 00-0037	EA	Remove 18" To 24" Shrub, Deciduous	25.92	
31 13 13 00-0038	EA	Remove 2' To 3' Shrub, Deciduous	33.54	
31 13 13 00-0039	EA	Remove 3' To 4' Shrub, Deciduous	36.59	
31 13 13 00-0040	EA	Remove 18" To 24" Shrub, Evergreen	33.53	
31 13 13 00-0041	EA	Remove 24" To 30" Shrub, Evergreen	36.59	
31 13 13 00-0042	EA	Remove 30" To 36" Shrub, Evergreen	52.59	
31 13 13 00-0043	EA	Remove 36" To 42" Shrub, Evergreen	91.46	
31 13 16		**Selective Tree And Shrub Trimming** ***(31 13)***		
31 13 16 00-0001		Tree Trimming For Pole Line Construction And Maintenance *(31 13 16)* Note: Area to be vertical cleared (to include overhanging limbs) is minimum 20' wide (10' each side of structure) and 16' above ground. All materials to 6" D.B.H. (Diameter At Breast Height) to be chipped in place. Larger material may be chipped or disposed. Trees greater than 18" diameter use individual tree removal tasks. Quantity based on running foot of power line to be cleared.		
31 13 16 00-0002	LF	Tree Trimming, Light Cutting To 6" Diameter For Pole Line Construction	1.52	
31 13 16 00-0003	LF	Tree Trimming, Medium Cutting >6" To 12" Diameter For Pole Line Construction	2.28	
31 13 16 00-0004	LF	Tree Trimming, Heavy Cutting >12" To 18" Diameter For Pole Line Construction	2.69	

31 20 Earth Moving *(31)*

Note: Per OSHA -Soil Classification - 1926 Subpart P App A. Light material: Class A site material, normally referred to as "easy digging". Consisting of loose, soft, free running materials. Close lying, which will fill blade, digger or bucket to capacity, and frequently provide a heaped load. Materials such as dry sand, small gravel, unpacked earth, loam, etc., would fall into this category. Medium material: Class B site material, normally referred to as "medium and tough, wet and sticky clay would be examples of this medium digging", consisting of harder materials that are not difficult to dig without assistance such as ripping, blasting, etc. Material break up with some bulkiness causing voids in digger or bucket. Materials such as packed earth, common earth with some clay, soil with less that 25% rock content would be examples of this category. Heavy/wet material: Class C site material, normally referred to as "hard digging", consisting of materials which may require some assistance in breaking up. Bulky and somewhat hard to penetrate materials would be found in this category and voids in dipper or bucket would be common. Materials such as very hard packed soil, with up to 50% to 70% rock content and hard category. Soil conditions will be determined by soil analysis to provide appropriate percentage (%) for the various types of soil conditions. Apply the percentages to the various soil types to generate an appropriate representation of the soil condition.

31 23 Excavation And Fill *(31 20)*

31 23 16 Excavation *(31 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 23 16 13 Trenching *(31 23 16)*

Note: Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine.

31 23 16 13-0001 Excavation For Trenching By Machine *(31 23 16 13)*

Note: Includes stockpiling excess materials and trimming sides and bottom of trench.

31 23 16 13-0002	CY	12" Wide or Less, Excavation for Trenching by Machine in Soil	7.88	
		For Excavation In Light Material (Class A), Deduct	*-0.99*	
		For Excavation In Heavy/Wet Material (Class C), Add	*3.15*	
		For Up To 20, Add	*6.30*	
		For >20 To 50, Add	*3.94*	
		For >50 To 250, Add	*1.97*	
		For >500 To 1000, Deduct	*-1.18*	
		For >1000, Deduct	*-2.36*	
31 23 16 13-0003	CY	Over 12" Wide, Excavation for Trenching by Machine in Soil	5.20	
		For Excavation In Light Material (Class A), Deduct	*-0.65*	
		For Excavation In Heavy/Wet Material (Class C), Add	*2.08*	
		For Up To 20, Add	*4.16*	
		For >20 To 50, Add	*2.60*	
		For >50 To 250, Add	*1.30*	
		For >500 To 1000, Deduct	*-0.78*	
		For >1000, Deduct	*-1.56*	
31 23 16 13-0004	CY	12" Wide or Less, Excavation for Trenching by Machine in Loose Rock	13.05	
		For Up To 20, Add	*10.44*	
		For >20 To 50, Add	*6.53*	
		For >50 To 250, Add	*3.26*	
		For >500 To 1000, Deduct	*-1.96*	
		For >1000, Deduct	*-3.92*	
31 23 16 13-0005	CY	Over 12" Wide, Excavation for Trenching by Machine in Loose Rock	9.23	
		For Up To 20, Add	*7.38*	
		For >20 To 50, Add	*4.62*	
		For >50 To 250, Add	*2.31*	
		For >500 To 1000, Deduct	*-1.38*	
		For >1000, Deduct	*-2.77*	

31 23 16 13-0006 Direct Burial (Plowed-in) Cable Or Piping By Machine *(31 23 16 13)*

Note: Includes trench, backfill, compaction and restoration of final grade.

31 23 16 13-0007	LF	Direct Burial of Cable or Piping up to 12" Deep	3.47
31 23 16 13-0008	LF	Direct Burial of Cable or Piping >12" to 24" Deep	3.82
31 23 16 13-0009	LF	Direct Burial of Cable or Piping >24" to 36" Deep	5.45
31 23 16 13-0010	LF	Direct Burial of Cable or Piping >36" to 48" Deep	6.13

31 23 16 13-0011 Excavation For Trenching By Hand *(31 23 16 13)*

31 23 16 13-0012	CY	Excavation For Trenching By Hand In Soil Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	99.48
31 23 16 13-0013	CY	Excavation For Trenching By Hand In Loose Rock Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	170.64

31 23 16 13-0014 Backfilling Or Placing Subbase For Trenches *(31 23 16 13)*

Note: With imported or stockpiled materials.

31 23 16 13-0015	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine	2.76	
		For Up To 20, Add	*2.21*	
		For >20 To 50, Add	*1.38*	
		For >50 To 250, Add	*0.69*	
		For >500 To 1000, Deduct	*-0.41*	
		For >1000, Deduct	*-0.83*	
31 23 16 13-0016	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Hand	27.64	

31 23 16 13-0017 Compaction Of Fill Or Subbase For Trenches *(31 23 16 13)*

Note: Includes restoration of final grade.

31 23 16 13-0018	CY	Compaction of Fill or Subbase for Trenches by Vibratory Plate, Air Tamper, Etcetera	5.78	
		For Up To 20, Add	*4.62*	
		For >20 To 50, Add	*2.89*	
		For >50 To 250, Add	*1.45*	
		For >500 To 1000, Deduct	*-0.87*	
		For >1000, Deduct	*-1.73*	
31 23 16 13-0019	CY	Compaction of Fill or Subbase for Trenches by Hand	31.17	

31 23 16 13-0020 Flowable Cement Backfill For Trenches *(31 23 16 13)*

Note: Includes compaction and restoration of final grade.

31 23 16 13-0021	CY	Flowable Cement Backfill for Trenches	93.60	
		For Up To 20, Add	*38.79*	
		For >20 To 50, Add	*25.15*	
		For >50 To 250, Add	*12.57*	
		For >500 To 1000, Deduct	*-6.82*	
		For >1000, Deduct	*-13.64*	

31 23 16 13-0022 Loading Excess Material For Removal From Excavation For Trenches *(31 23 16 13)*

Note: Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 13-0023	CY	Load Excess Material by Machine for Removal from Excavation for Trenching	4.81	
		For Up To 20, Add	*3.85*	
		For >20 To 50, Add	*2.41*	
		For >50 To 250, Add	*1.20*	
		For >500 To 1000, Deduct	*-0.72*	
		For >1000, Deduct	*-1.44*	
31 23 16 13-0024	CY	Load Excess Material by Hand for Removal from Excavation for Trenching	72.95	

31 23 16 13-0025 Spread Excess Or Imported Material For Trenches *(31 23 16 13)*

Note: Includes hand work by laborer for clean-up.

31 23 16 13-0026	CY	Spread Excess Or Imported Material On Site With Machine	2.19	

31 23 16 13-0027 Utility Chain Trencher *(31 23 16 13)*

31 23 16 13-0028 Utility Trench, Chain Trencher *(31 23 16 13-0027)*

Note: Earth left adjacent to trench.

31 23 16 13-0029	LF	4" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	0.91	
31 23 16 13-0030	LF	4" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.00	
31 23 16 13-0031	LF	4" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	1.04	
31 23 16 13-0032	LF	6" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.10	
31 23 16 13-0033	LF	6" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.20	
31 23 16 13-0034	LF	6" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	1.36	
31 23 16 13-0035	LF	6" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	1.64	
31 23 16 13-0036	LF	8" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.55	
31 23 16 13-0037	LF	8" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.83	
31 23 16 13-0038	LF	8" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	2.07	
31 23 16 13-0039	LF	8" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	2.46	

31 23 16 13-0040 Backfill Trenches With Compaction *(31 23 16 13-0027)*

31 23 16 13-0041	LF	Backfill 4" Wide, 12" Deep Trench, With Compaction	0.14	
31 23 16 13-0042	LF	Backfill 4" Wide, 18" Deep Trench, With Compaction	0.23	
31 23 16 13-0043	LF	Backfill 4" Wide, 24" Deep Trench, With Compaction	0.30	
31 23 16 13-0044	LF	Backfill 6" Wide, 12" Deep Trench, With Compaction	0.23	
31 23 16 13-0045	LF	Backfill 6" Wide, 18" Deep Trench, With Compaction	0.30	
31 23 16 13-0046	LF	Backfill 6" Wide, 24" Deep Trench, With Compaction	0.44	
31 23 16 13-0047	LF	Backfill 6" Wide, 36" Deep Trench, With Compaction	0.63	
31 23 16 13-0048	LF	Backfill 8" Wide, 12" Deep Trench, With Compaction	0.30	
31 23 16 13-0049	LF	Backfill 8" Wide, 18" Deep Trench, With Compaction	0.44	
31 23 16 13-0050	LF	Backfill 8" Wide, 24" Deep Trench, With Compaction	0.60	
31 23 16 13-0051	LF	Backfill 8" Wide, 36" Deep Trench, With Compaction	0.89	

31 23 16 26 Rock Removal *(31 23 16)*

31 23 16 26-0001 Rock Breaking By Machine *(31 23 16 26)*

Note: Excludes excavation of broken-up rock.

31 23 16 26-0002	CY	Rock Breaking By Machine, Soft Sedimentary Rocks (Shale, Sandstone, Limestone)	20.77	
31 23 16 26-0003	CY	Rock Breaking By Machine, Medium Metamorphic Rock (Slate)	22.15	
31 23 16 26-0004	CY	Rock Breaking By Machine, Hard Igneous Rock (Granite, Basalt)	26.31	

31 23 16 33 Bulk Excavation *(31 23 16)*

Note: For excavations where the total quantity for a project is greater than 500 cubic yards. See CSI section 31 05 16 00-0000 for imported material.

31 23 16 33-0001 Excavation *(31 23 16 33)*

Note: For bulk excavation. Includes stockpiling excavated materials within 100' of point of excavation.

31 23 16 33-0002	CY	Bulk Excavation by Dozer in Soil	6.86	
		For Excavation In Light Material (Class A), Deduct	*-0.86*	
		For Excavation In Heavy/Wet Material (Class C), Add	*2.74*	
		For >1000, Deduct	*-1.03*	
31 23 16 33-0003	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Soil	4.20	
		For Excavation In Light Material (Class A), Deduct	*-0.53*	
		For Excavation In Heavy/Wet Material (Class C), Add	*1.68*	
		For >1000, Deduct	*-0.63*	
31 23 16 33-0004	CY	Bulk Excavation by Dozer in Loose Rock	8.44	
		For >1000, Deduct	*-1.27*	
31 23 16 33-0005	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Loose Rock	5.16	
		For >1000, Deduct	*-0.77*	

31 23 16 33-0006 Spreading, Shaping And Rough Grading *(31 23 16 33)*

Note: Imported or stockpiled material for bulk excavation.

31 23 16 33-0007	CY	Spreading, Shaping, and Rough Grading Imported or Stockpiled Material for Bulk Excavation by Machine	4.23	
		For >1000, Deduct	*-0.63*	

31 23 16 33-0008 Cutting, Shaping and Rough Grading Of Existing Elevations *(31 23 16 33)*

Note: For bulk excavation.

31 23 16 33-0009	CY	Cutting, Shaping and Rough Grading Existing Elevations For Bulk Excavation by Machine	4.71	
		For >1000, Deduct	*-0.71*	

31 23 16 33-0010 Relocating On Site Excavated Material From Excavation *(31 23 16 33)*

Note: For bulk excavation.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 33-0011	CY	Relocating On Site Excavated Material From Bulk Excavation Over 100' to 300'	3.76	
		For >1000, Deduct	*-0.56*	
31 23 16 33-0012	CY	Relocating On Site Excavated Material From Bulk Excavation Over 300' to 500'	5.64	
		For >1000, Deduct	*-0.85*	
31 23 16 33-0013	CY	Relocating On Site Excavated Material From Bulk Excavation Over 500' To 1000'	8.46	
		For >1000, Deduct	*-1.27*	
31 23 16 33-0014	CY	Relocating On Site Excavated Material From Bulk Excavation Over 1000'	11.29	
		For >1000, Deduct	*-1.69*	

31 23 16 33-0015 Finish Grading *(31 23 16 33)*

Note: For bulk excavation.

31 23 16 33-0016	SY	Finish Grading for Bulk Excavation by Machine	0.47	

31 23 16 33-0017 Compaction Of Fill Or Subbase, Per Lift *(31 23 16 33)*

Note: For bulk excavation. See CSI section 31 23 23 23-0001 for compaction water.

31 23 16 33-0018	SY	Compaction of Fill or Subbase for Bulk Excavation by Machine Note: Per Lift	0.48	

31 23 16 33-0019 Loading Excess Material For Removal From Excavation *(31 23 16 33)*

Note: For bulk excavation. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling.

31 23 16 33-0020	CY	Loading Excess Material For Removal From Bulk Excavation	4.21	
		For >1000, Deduct	*-0.63*	

31 23 16 36 Excavation For Building Foundations And Other Structures *(31 23 16)*

Note: Use of a Bobcat is limited to access restricted areas and by owner's approval. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 33-0000 for bulk excavation operations over 500 CY.

31 23 16 36-0001 Excavation *(31 23 16 36)*

Note: For building foundations and other structures by machine. Includes stockpiling excess materials within 100' of point of excavation, shaping, trimming and rough grading excavation.

31 23 16 36-0002 Excavation For Building Foundations And Other Structures By Bobcat *(31 23 16 36-0001)*

31 23 16 36-0003	CY	Excavation For Building Foundations And Other Structures By Bobcat in Soil	6.46	
		For Excavation In Light Material (Class A), Deduct	*-0.81*	
		For Excavation In Heavy/Wet Material (Class C), Add	*2.58*	
		For Up To 20, Add	*6.46*	
		For >20 To 50, Add	*4.85*	
		For >50 To 250, Add	*2.58*	
		For >250 To 500, Add	*0.97*	
31 23 16 36-0004	CY	Excavation For Building Foundations And Other Structures By Bobcat in Loose Rock	7.94	
		For Up To 20, Add	*7.94*	
		For >20 To 50, Add	*5.96*	
		For >50 To 250, Add	*3.18*	
		For >250 To 500, Add	*1.19*	

31 23 16 36-0005 Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader *(31 23 16 36-0001)*

31 23 16 36-0006	CY	Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Soil	5.03	
		For Excavation In Light Material (Class A), Deduct	*-0.63*	
		For Excavation In Heavy/Wet Material (Class C), Add	*2.01*	
		For Up To 20, Add	*5.03*	
		For >20 To 50, Add	*3.77*	
		For >50 To 250, Add	*2.01*	
		For >250 To 500, Add	*0.75*	
31 23 16 36-0007	CY	Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Loose Rock	5.99	
		For Up To 20, Add	*5.99*	
		For >20 To 50, Add	*4.49*	
		For >50 To 250, Add	*2.40*	
		For >250 To 500, Add	*0.90*	

31 23 16 36-0008 Excavation For Building Foundations And Other Structures By Hand *(31 23 16 36-0001)*

Note: For areas not accessible by machine and only with owner's approval.

31 23 16 36-0009	CY	Excavation For Building Foundations And Other Structures By Hand in Soil	99.48	
		For Excavation In Light Material (Class A), Deduct	*-12.44*	
		For Excavation In Heavy/Wet Material (Class C), Add	*39.79*	
31 23 16 36-0010	CY	Excavation For Building Foundations And Other Structures By Hand in Loose Rock	170.64	

31 23 16 36-0011 Relocating On Site Excavated Material From Excavation *(31 23 16 36)*

Note: For building foundations and other structures over 100'.

31 23 16 36-0012	CY	Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures Over 100' to 300'	3.76	
		For Up To 20, Add	*3.76*	
		For >20 To 50, Add	*2.82*	
		For >50 To 250, Add	*1.50*	
		For >250 To 500, Add	*0.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 36-0013	CY	Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures Over 300' to 500'	5.64	
		For Up To 20, Add	*5.64*	
		For >20 To 50, Add	*4.23*	
		For >50 To 250, Add	*2.26*	
		For >250 To 500, Add	*0.85*	
31 23 16 36-0014	CY	Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures Over 500' to 1000'	8.46	
		For Up To 20, Add	*8.46*	
		For >20 To 50, Add	*6.35*	
		For >50 To 250, Add	*3.38*	
		For >250 To 500, Add	*1.27*	
31 23 16 36-0015	CY	Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures Over 1000'	11.29	
		For Up To 20, Add	*11.29*	
		For >20 To 50, Add	*8.47*	
		For >50 To 250, Add	*4.52*	
		For >250 To 500, Add	*1.69*	
31 23 16 36-0016		**Backfilling** *(31 23 16 36)*		
		Note: For building foundations and other structures with imported or stockpiled materials. Includes rough grading.		
31 23 16 36-0017	CY	Backfilling Around Building Foundations And Other Structures By Bobcat	3.15	
		For Up To 20, Add	*3.15*	
		For >20 To 50, Add	*2.36*	
		For >50 To 250, Add	*1.26*	
		For >250 To 500, Add	*0.47*	
31 23 16 36-0018	CY	Backfilling Around Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader	3.90	
		For Up To 20, Add	*3.90*	
		For >20 To 50, Add	*2.93*	
		For >50 To 250, Add	*1.56*	
		For >250 To 500, Add	*0.59*	
31 23 16 36-0019	CY	Backfilling Around Building Foundations And Other Structures By Hand	47.37	
31 23 16 36-0020		**Compaction Of Fill Or Subbase** *(31 23 16 36)*		
		Note: For building foundations and other structures. See CSI section 31 23 23 23-0001 for compaction water.		
31 23 16 36-0021	CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Vibratory Plate, Air Tamper, Etcetera	9.13	
		For Up To 20, Add	*9.13*	
		For >20 To 50, Add	*6.85*	
		For >50 To 250, Add	*3.65*	
		For >250 To 500, Add	*1.37*	
31 23 16 36-0022	CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Hand	31.17	
31 23 16 36-0023		**Grading** *(31 23 16 36)*		
		Note: For building foundations and other structures.		
31 23 16 36-0024	SY	Rough Grading For Building Foundations And Other Structures by Machine	0.81	
31 23 16 36-0025	SY	Finish Grading For Building Foundations And Other Structures by Machine	1.31	
31 23 16 36-0026	SY	Finish Grading For Building Foundations And Other Structures by Hand	9.21	
31 23 16 36-0027		**Loading Excess Material For Removal From Excavation** *(31 23 16 36)*		
		Note: For building foundations and other structures. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling.		
31 23 16 36-0028	CY	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Machine	4.39	
		For Up To 20, Add	*4.39*	
		For >20 To 50, Add	*3.29*	
		For >50 To 250, Add	*1.76*	
		For >250 To 500, Add	*0.66*	
31 23 16 36-0029	CY	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Hand	72.95	
31 23 16 36-0030		**Spread Material** *(31 23 16 36)*		
		Note: For building foundations and other structures.		
31 23 16 36-0031	CY	Spread Excess Or Imported Material On Site By Machine	2.19	
		For Up To 20, Add	*2.19*	
		For >20 To 50, Add	*1.64*	
		For >50 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.33*	
31 23 16 36-0032	CY	Spread Excess Or Imported Material On Site By Hand	40.26	
31 23 19		**Dewatering** *(31 23)*		
31 23 19 00-0001		**Well Point Dewatering System** *(31 23 19)*		
31 23 19 00-0002		**Delivery, Installation And Removal Cost** *(31 23 19 00-0001)*		
		Note: Priced by linear foot of header used.		
31 23 19 00-0003	LF	Up To 100' In Length Well Point System Delivery, Installation And Removal	95.28	
31 23 19 00-0004	LF	>100' To 250' In Length Well Point System Delivery, Installation And Removal	52.40	
31 23 19 00-0005	LF	>250' To 500' In Length Well Point System Delivery, Installation And Removal	47.64	
31 23 19 00-0006	LF	>250' To 500' In Length Well Point System Delivery, Installation And Removal	42.87	
31 23 19 00-0007	LF	>500' To 1000' In Length Well Point System Delivery, Installation And Removal	38.11	
31 23 19 00-0008	LF	>1000' In Length Well Point System Delivery, Installation And Removal	33.34	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 19 00-0009		**Well Point Dewatering System Rental** *(31 23 19 00-0001)* Note: Includes all necessary equipment for a well point system (well point with risers, pump, valves, header pipe, discharge pipe, etc.). Use normal adjustment factor only for rental tasks and modifiers. Unit of measure and modifier quantities are based on linear feet of header per day (ex. 200 ft of header for four days - quantity should be 200x4 or 800 ft). Rental days include weekends, when appropriate, regardless if the system is operational during that time. Use weekly modifier for system use of five days to less than a month. Use monthly modifier for system use of one month or greater. See CSI section 31 23 19 00-0002 for installation, 31 23 19 00-0015 for operational costs.		
31 23 19 00-0010	LFD	Up To 100' In Length Well Point System Rental (LF x Days = Quantity)	0.98	
		For >5 Days And <1 Month, Deduct	*-0.22*	
		For >1 Month, Deduct	*-0.27*	
31 23 19 00-0011	LFD	>100' To 250' In Length Well Point System Rental (LF x Days = Quantity)	0.57	
		For >5 Days And <1 Month, Deduct	*-0.13*	
		For >1 Month, Deduct	*-0.16*	
31 23 19 00-0012	LFD	>250' To 500' In Length Well Point System Rental (LF x Days = Quantity)	0.41	
		For >5 Days And <1 Month, Deduct	*-0.09*	
		For >1 Month, Deduct	*-0.11*	
31 23 19 00-0013	LFD	>500' To 1000' In Length Well Point System Rental (LF x Days = Quantity)	0.30	
		For >5 Days And <1 Month, Deduct	*-0.07*	
		For >1 Month, Deduct	*-0.08*	
31 23 19 00-0014	LFD	>1000' In Length Well Point System Rental (LF x Days = Quantity)	0.27	
		For >5 Days And <1 Month, Deduct	*-0.06*	
		For >1 Month, Deduct	*-0.08*	
31 23 19 00-0015		**Well Point Dewatering System Operation Costs** *(31 23 19 00-0001)* Note: The quantity for operation shall be the total number of hours the well point system is operational.		
31 23 19 00-0016	HR	Operation Costs	80.67	

31 23 23 Fill *(31 23)*

31 23 23 23 Compaction *(31 23 23)*

31 23 23 23-0001		**Compaction Water, Water Truck And Operator** *(31 23 23 23)*		
31 23 23 23-0002	MGL	Compaction Water, Water Truck And Operator Note: Use this task in situations where fill, base material, etc. requires additional moisture to comply with the compaction specification. Includes delivery up to 15 miles. (Per 1000 Gallons) See CSI section 01 22 23 00-0995 for water truck when water is available on site.	148.76	

31 24 Embankments *(31 20)*

31 24 13 Roadway Embankments *(31 24)*

31 24 13 00-0001		**Roadway, Parking Areas, Landscaping And Embankment Excavation And Shaping Operations** *(31 24 13)* Note: Use this section for excavation and shaping operations even if the total quantity for the project exceeds 500 CY. See CSI section 31 05 16 00-0000 for imported material, 32 12 16 00-0000 for asphalt paving, 32 13 13 00-0000 for concrete paving.		
31 24 13 00-0002		**Cutting, Shaping And Rough Grading** *(31 24 13 00-0001)* Note: For roadways, parking areas, landscaping, and embankments. Includes loading or stockpiling excess materials within 300' of initial cut.		
31 24 13 00-0003		**Cutting, Shaping, And Rough Grading By Machine** *(31 24 13 00-0002)*		
31 24 13 00-0004	CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Soil	4.71	
		For Up To 20, Add	*4.71*	
		For >20 To 50, Add	*3.53*	
		For >50 To 250, Add	*1.88*	
		For >250 To 500, Add	*0.71*	
		For >1000, Deduct	*-0.71*	
31 24 13 00-0005	CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Loose Rock	5.83	
		For Up To 20, Add	*5.83*	
		For >20 To 50, Add	*4.37*	
		For >50 To 250, Add	*2.33*	
		For >250 To 500, Add	*0.87*	
		For >1000, Deduct	*-0.87*	
31 24 13 00-0006		**Cutting, Shaping, And Rough Grading By Hand** *(31 24 13 00-0002)*		
31 24 13 00-0007	SY	Shape Embankment/Slope By Hand Up To 1 On 4 Slope	5.11	
31 24 13 00-0008	SY	Shape Embankment/Slope By Hand Greater Than 1 On 4 Slope	6.63	
31 24 13 00-0009		**Scarify Soil** *(31 24 13 00-0001)* Note: For roadways, parking areas, landscaping and embankments by machine.		
31 24 13 00-0010	CSF	Scarify Soil For Roadways, Parking Areas, Landscaping And Embankments By Machine	4.36	
		For Up To 20, Add	*2.18*	
		For >20 To 50, Add	*1.09*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.87*	
31 24 13 00-0011		**Relocating On Site Excavated Material** *(31 24 13 00-0001)* Note: For roadways, parking areas, landscaping and embankments over 300'.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 24 13 00-0012	CY	Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping and Embankments Over 500 to 1000	8.46	
		For Up To 20, Add	*8.46*	
		For >20 To 50, Add	*6.35*	
		For >50 To 250, Add	*3.38*	
		For >250 To 500, Add	*1.27*	
		For >1000, Deduct	*-1.27*	
31 24 13 00-0013	CY	Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping and Embankments Over 1000	11.29	
		For Up To 20, Add	*11.29*	
		For >20 To 50, Add	*8.47*	
		For >50 To 250, Add	*4.52*	
		For >250 To 500, Add	*1.69*	
		For >1000, Deduct	*-1.69*	

31 24 13 00-0014 Spread And Shape Imported Or Stockpiled Material *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments.

31 24 13 00-0015	CY	Spread And Shape Imported Or Stockpiled Material For Roadways, Parking Areas, Landscaping and Embankments	5.17	
		For Up To 20, Add	*5.17*	
		For >20 To 50, Add	*3.88*	
		For >50 To 250, Add	*2.07*	
		For >250 To 500, Add	*0.78*	
		For >1000, Deduct	*-0.78*	

31 24 13 00-0016 Grading *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine.

31 24 13 00-0017	SY	Rough Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	0.56	
31 24 13 00-0018	SY	Finish Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	0.74	
31 24 13 00-0019	LF	Finish Grade For Curb	0.83	
31 24 13 00-0020	LF	Finish Grade For Curb And Gutter	1.02	

31 24 13 00-0021 Compaction Of Fill Or Subbase *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine, per lift.

31 24 13 00-0022	SY	Compaction Of Fill Or Subbase For Roadways, Parking Areas, Landscaping And Embankments By Machine Per Lift	0.48	
		For Up To 250, Add	*0.48*	
		For >250 To 500, Add	*0.36*	
		For >500 To 1000, Add	*0.19*	
		For >5000, Deduct	*-0.07*	

31 24 13 00-0023 Loading Excess Material For Removal From Excavation *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine. Includes hand work by laborer for clean-up.

31 24 13 00-0024	CY	Load Excess Material For Removal For Roadways, Parking Areas, Landscaping and Embankments by Machine	4.21	
		For Up To 20, Add	*4.21*	
		For >20 To 50, Add	*3.16*	
		For >50 To 250, Add	*1.68*	
		For >250 To 500, Add	*0.63*	
		For >1000, Deduct	*-0.63*	

31 25 Erosion And Sedimentation Controls *(31 20)*

31 25 14 Stabilization Measures For Erosion And Sedimentation Control *(31 25)*

31 25 14 13 Hydraulically-Applied Erosion Control *(31 25 14)*

31 25 14 13-0001 Bonded Fiber Matrix *(31 25 14 13)*

31 25 14 13-0002	MSF	Up To 25,000 SF Bonded Fiber Matrix, Hydraulically Applied	36.10
31 25 14 13-0003	MSF	> 25,000 To 50,000 SF Bonded Fiber Matrix, Hydraulically Applied	32.74
31 25 14 13-0004	MSF	> 50,000 To 100,000 SF Bonded Fiber Matrix, Hydraulically Applied	29.90
31 25 14 13-0005	MSF	> 100,000 Bonded Fiber Matrix, Hydraulically Applied	28.28

31 25 14 16 Rolled Erosion Control Mats And Blankets *(31 25 14)*

31 25 14 16-0001 Erosion Control Blankets And Turf Reinforcement Mats *(31 25 14 16)*

31 25 14 16-0002 Erosion Control Blankets, Short Term, Light Duty *(31 25 14 16-0001)*

31 25 14 16-0003	SY	S75 Single Net Erosion Control Blanket Note: Straw matrix with degradable thread to a single standard photodegradable polypropylene netting as manufactured by North American Green.	1.34
31 25 14 16-0004	SY	S75BN Single Net Erosion Control Blanket Note: Straw Matrix with Biodegradable Thread to a Single Natural Fiber Netting as manufactured by North American Green.	1.58
31 25 14 16-0005	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Excelsior	1.30
31 25 14 16-0006	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Green.	1.34
31 25 14 16-0007	SY	Futerra Erosion Control Blanket, Wood Fibers With Biodegradable Netting	1.24

31 25 14 16-0008 Erosion Control Blankets, Intermediate Duration *(31 25 14 16-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 16-0009	SY	S150 Double Net Erosion Control Blanket Note: Straw matrix with degradable thread to a double standard photodegradable polypropylene netting as manufactured by North American Green.	1.69	
31 25 14 16-0010	SY	S150 BN Double Net Erosion Control Blanket Note: Straw matrix with biodegradable thread to a double natural fiber netting as manufactured by North American Green.	2.07	
31 25 14 16-0011	SY	Curlex II, Double Net Erosion Control Blanket, Natural Note: As manufactured by American Excelsior.	1.51	
31 25 14 16-0012	SY	Curlex II, Double Net Erosion Control Blanket, Green Note: As manufactured by American Excelsior.	1.55	
31 25 14 16-0013	SY	Enforcer Double Net Erosion Control Blanket Note: As manufactured by American Excelsior.	1.62	
31 25 14 16-0014		Turf Reinforcement Mats (TRM) *(31 25 14 16-0001)* Note: Permanent, UV stabilized.		
31 25 14 16-0015	SY	P300 Permanent Polypropylene Turf Reinforcement Mat Note: 100% synthetic, UV stabilized, two layer netting.	8.04	
31 25 14 16-0016	SY	C350 Permanent Turf Reinforcement Mat Note: 100% synthetic, UV stabilized netting incorporating natural coconut fibers as manufactured by North American Green.	7.47	
31 25 14 16-0017	SY	Recyclex TRM, Permanent Turf Reinforcement Mat. Note: As manufactured by American Excelsior, 100% recycled	6.34	
31 25 14 16-0018		Jute Mesh Erosion Control Blankets *(31 25 14 16-0001)*		
31 25 14 16-0019	SY	Jute Mesh, Open Uniform Weave	1.43	
31 25 14 16-0020		Revegetation Mat *(31 25 14 16-0001)*		
31 25 14 16-0021	SY	3-Dimensional Webbed Revegetation Mat, Polyolefin Fiber Note: Polyolefin fibers oriented and mechanically bonded between two nets. Landlok TRM 450 or equal.	5.66	
31 25 14 16-0022	SY	Webbed Revegetation Mat, Polypropylene Fiber Note: Polypropylene fibers positioned between two high strength biaxially oriented nets and mechanically held together by parallel stitching with polypropylene thread. Landlok TRM 1060 or equal.	8.02	
31 25 14 23		**Stabilization Measures For Erosion Control** *(31 25 14)* Note: Includes all erosion control blankets and turf reinforcement mats staples or stakes. See CSI section 01 74 19 00-0030 for hauling greater than 15 miles.		
31 25 14 23-0001		Turbidity Curtain *(31 25 14 23)* Note: Type 2 curtain.		
31 25 14 23-0002	LF	3' High Turbidity Curtain	17.15	
31 25 14 23-0003	LF	4' High Turbidity Curtain	18.55	
31 25 14 23-0004	LF	5' High Turbidity Curtain	20.47	
31 25 14 23-0005	LF	6' High Turbidity Curtain	22.12	
31 25 14 23-0006	LF	7' High Turbidity Curtain	23.20	
31 25 14 23-0007	LF	8' High Turbidity Curtain	24.31	
31 25 14 23-0008	LF	9' High Turbidity Curtain	25.58	
31 25 14 23-0009	LF	10' High Turbidity Curtain	27.29	
31 25 14 23-0010	LF	12' High Turbidity Curtain	28.69	
31 25 14 23-0011	LF	13' High Turbidity Curtain	30.51	
31 25 14 23-0012	LF	14' High Turbidity Curtain	32.25	
31 25 14 23-0013	LF	15' High Turbidity Curtain	33.91	
31 25 14 23-0014	LF	16' High Turbidity Curtain	36.83	
31 25 14 23-0015	LF	17' High Turbidity Curtain	38.63	
31 25 14 23-0016	LF	18' High Turbidity Curtain	40.39	
31 25 14 23-0017	LF	19' High Turbidity Curtain	42.22	
31 25 14 23-0018	LF	20' High Turbidity Curtain	44.04	
31 25 14 23-0019		Sand And Gravel Bags *(31 25 14 23)* Note: Bags filled on site with delivered material. Includes material and placement of bags.		
31 25 14 23-0020	BAG	Sand Bag With 50 LB Sand	3.23	
		For >2500 To 5000, Deduct	*-0.28*	
		For >5000, Deduct	*-0.60*	
31 25 14 23-0021	BAG	Gravel Bag #33 With 5/16" Birdseye Gravel	3.84	
31 25 14 23-0022	BAG	Bag Removal	1.85	
31 25 14 23-0023		Filter Bags *(31 25 14 23)*		
31 25 14 23-0024		Non-Woven Filter Bags *(31 25 14 23-0023)*		
31 25 14 23-0025	EA	6' x 15' Non-Woven Filter Bag	125.81	
31 25 14 23-0026	EA	13' x 15' Non-Woven Filter Bag	181.41	
31 25 14 23-0027	EA	15' x 15' Non-Woven Filter Bag	209.34	
31 25 14 23-0028		Monofilament Filter Bags *(31 25 14 23-0023)*		
31 25 14 23-0029	EA	5' x 15' Monofilament Filter Bag	130.58	
31 25 14 23-0030	EA	10' x 15' Monofilament Filter Bag	180.03	
31 25 14 23-0031		Cable Articulating Concrete Block *(31 25 14 23)* Note: 4000 PSI Compressive strength, 12 LB/CF maximum absorption. Interlocking block with longitudinal revetment cable and fill. Includes anchoring block to 12" x 12" x 6" concrete pier every 5' with anchor.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 23-0032	SF	4.75" Open Cell Articulated Concrete Block With Earth Backfill	28.90	
		For >500 To 1000, Add	*3.74*	
		For Up To 500, Add	*6.63*	
		For Gravel Fill, Add	*0.65*	
31 25 14 23-0033	SF	6" Open Cell Articulated Concrete Block With Earth Backfill	32.82	
		For >500 To 1000, Add	*4.21*	
		For Up To 500, Add	*7.49*	
		For Gravel Fill, Add	*0.74*	
31 25 14 23-0034	SF	7.5" Open Cell Articulated Concrete Block With Earth Backfill	37.33	
		For >500 To 1000, Add	*4.75*	
		For Up To 500, Add	*8.49*	
		For Gravel Fill, Add	*0.83*	
31 25 14 23-0035	SF	9" Open Cell Articulated Concrete Block With Earth Backfill	42.00	
		For >500 To 1000, Add	*5.33*	
		For Up To 500, Add	*9.53*	
		For Gravel Fill, Add	*0.93*	
31 25 14 23-0036	SF	4.75" Closed Cell Articulated Concrete Block	30.69	
		For >500 To 1000, Add	*3.92*	
		For Up To 500, Add	*6.99*	
31 25 14 23-0037	SF	6" Closed Cell Articulated Concrete Block	34.97	
		For >500 To 1000, Add	*4.42*	
		For Up To 500, Add	*7.92*	
31 25 14 23-0038	SF	7.5" Closed Cell Articulated Concrete Block	39.88	
		For >500 To 1000, Add	*5.01*	
		For Up To 500, Add	*9.00*	
31 25 14 23-0039	SF	9" Closed Cell Articulated Concrete Block	44.91	
		For >500 To 1000, Add	*5.62*	
		For Up To 500, Add	*10.11*	

31 25 14 26 Stabilization Measures For Sedimentation Control *(31 25 14)*

31 25 14 26-0001 Silt Fences And Dike Barriers *(31 25 14 26)*

Note: Includes stakes, embedding and removal after use.

31 25 14 26-0002 Silt Fences 2' High *(31 25 14 26-0001)*

31 25 14 26-0003	LF	2' High Silt Fence with Stakes at 4' O.C	2.10
31 25 14 26-0004	LF	2' High Silt Fence with Stakes at 6' O.C	1.61
31 25 14 26-0005	LF	2' High Silt Fence with Stakes at 8' O.C	1.14
31 25 14 26-0006	LF	2' High Silt Fence with Stakes at 10' O.C.	0.96

31 25 14 26-0007 Silt Fences 3' High *(31 25 14 26-0001)*

31 25 14 26-0008	LF	3' High Silt Fence with Stakes at 4' O.C	2.05
31 25 14 26-0009	LF	3' High Silt Fence with Stakes at 6' O.C	1.65
31 25 14 26-0010	LF	3' High Silt Fence with Stakes at 8' O.C	1.11
31 25 14 26-0011	LF	3' High Silt Fence with Stakes at 10' O.C.	0.99

31 25 14 26-0012 Silt Dike Barrier *(31 25 14 26-0001)*

31 25 14 26-0013	LF	Silt Dike Barrier With Stakes	2.23

31 25 14 26-0014 Sediment Logs *(31 25 14 26)*

31 25 14 26-0015 Sediment Logs *(31 25 14 26-0014)*

Note: Includes stakes and removal after use. Curlex sediment logs as manufactured by American Excelsior.

31 25 14 26-0016	LF	12" Sediment Log	7.44
31 25 14 26-0017	LF	20" Sediment Log	8.89

31 25 14 26-0018 Wattles *(31 25 14 26-0014)*

Note: Includes trench for placement, 24" wood staking at 4' O.C.

31 25 14 26-0019	EA	Wattles (Sterile Straw Filled Rolls), 9" x 25'	119.99
31 25 14 26-0020	EA	Wattles (Sterile Straw Filled Rolls), 12" x 18'	114.77

31 25 14 26-0021 Clean Sediment Logs/Wattles *(31 25 14 26-0014)*

Note: Includes removal, cleaning, and replacement per each location

31 25 14 26-0022	EA	Clean Sediment Logs/Wattles	66.33

31 25 14 26-0023 Hay And Straw Bales *(31 25 14 26)*

Note: Includes stakes and removal after use.

31 25 14 26-0024	LF	Place And Remove Straw Bales Note: Includes securing in ground with stakes.	4.33
31 25 14 26-0025	LF	Place And Remove Hay Bales Note: Includes securing in ground with stakes.	3.94

31 30 Earthwork Methods *(31)*

31 31 Soil Treatment *(31 30)*

31 31 16 Termite Control *(31 31)*

31 31 16 13 Chemical Termite Control *(31 31 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 31 16 13-0001 Commercial Use *(31 31 16 13)*

31 31 16 13-0002	SF	Termite Pretreatment, Commercial Soil Poisoning Under Slab	0.66
31 31 16 13-0003	SF	Termite Pretreatment, Commercial Slab And Walls <2000 SF	0.66

31 31 16 13-0004 Residential Use *(31 31 16 13)*

31 31 16 13-0005	SF	Termite Pretreatment, Residential General Spraying Walls And Slab	0.65
31 31 16 13-0006	SF	Termite Treatment, Existing Residential Structure	0.90

31 31 19 Vegetation Control *(31 31)*

31 31 19 13 Chemical Vegetation Control *(31 31 19)*

31 31 19 13-0001	CSF	Soil Poisoning - Application Below Slabs Or Pavements	4.45

31 32 Soil Stabilization *(31 30)*

31 32 13 Soil Mixing Stabilization *(31 32)*

31 32 13 16 Cement Soil Stabilization *(31 32 13)*

31 32 13 16-0001	CY	Cementitious Soil Binder, 4% Cement Mix By Volume	27.14
31 32 13 16-0002	CY	Cementitious Soil Binder, 6% Cement Mix By Volume	31.09
31 32 13 16-0003	CY	Cementitious Soil Binder, 9% Cement Mix By Volume	37.59
31 32 13 16-0004	CY	Cementitious Soil Binder, 12% Cement Mix By Volume	43.99

31 32 13 19 Lime Soil Stabilization *(31 32 13)*

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. The price excludes the cost for spreading or backfilling. See CSI section 01 74 19 00-0030 for hauling greater than 15 miles.

31 32 13 19-0001 Lime Slurry *(31 32 13 19)*

31 32 13 19-0002	LCY	Soil Stabilization With Lime Slurry 10% Lime Slurry By Volume	23.05
31 32 13 19-0003	TON	Cement Stabilized Base Material	42.37
31 32 13 19-0004	HWT	Lime For Soil Stabilization	5.99
		Note: Excludes the cost for spreading or backfilling	
31 32 13 19-0005	LCY	Roller, Grader - Lime Stabilization	13.31
31 32 13 19-0006	LCY	Roller, Grader - Cement Stabilization	2.96

31 32 13 19-0007 Lime Stabilized Subgrade *(31 32 13 19)*

Note: Based on soil weight of 110 LB/CF using lime weight of 5.5 LB/CF (5%).

31 32 13 19-0008	SY	6" Thick Lime Stabilized Subgrade, 25 LB	5.78
		For 4% Lime Instead Of 5%, Deduct	*-0.11*
		For 6% Lime Instead Of 5%, Add	*0.11*
31 32 13 19-0009	SY	7" Thick Lime Stabilized Subgrade, 29 LB	6.71
		For 4% Lime Instead Of 5%, Deduct	*-0.12*
		For 6% Lime Instead Of 5%, Add	*0.12*
31 32 13 19-0010	SY	8" Thick Lime Stabilized Subgrade, 33 LB	7.66
		For 4% Lime Instead Of 5%, Deduct	*-0.14*
		For 6% Lime Instead Of 5%, Add	*0.14*

31 32 13 29 Liquid Soil Stabilization *(31 32 13)*

31 32 13 29-0001	GAL	Polyacrylamide And Calcium Solution	1.88

31 32 19 Geosynthetic Soil Stabilization And Layer Separation *(31 32)*

31 32 19 13 Geogrid Soil Stabilization *(31 32 19)*

31 32 19 13-0001 Geogrid Fabrics *(31 32 19 13)*

Note: For reinforcement of over steepened earth slopes, segmental retaining walls and other mechanically stabilized earth applications.

31 32 19 13-0002	SY	5.3 Oz/SY, 1700 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric	2.14
		For Up To 50, Add	*0.51*
		For >50 To 150, Add	*0.38*
		For >150 To 250, Add	*0.24*
		For >250 To 500, Add	*0.12*
31 32 19 13-0003	SY	6.9 Oz/SY, 3100 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric	2.44
		For Up To 50, Add	*0.58*
		For >50 To 150, Add	*0.42*
		For >150 To 250, Add	*0.27*
		For >250 To 500, Add	*0.14*
31 32 19 13-0004	SY	8.7 Oz/SY, 4280 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric	2.65
		For Up To 50, Add	*0.62*
		For >50 To 150, Add	*0.46*
		For >150 To 250, Add	*0.30*
		For >250 To 500, Add	*0.15*
31 32 19 13-0005	SY	12.6 Oz/SY, 7315 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric	3.75
		For Up To 50, Add	*0.84*
		For >50 To 150, Add	*0.62*
		For >150 To 250, Add	*0.41*
		For >250 To 500, Add	*0.20*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 13-0006	SY	14.1 Oz/SY, 9790 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric	4.29	
		For Up To 50, Add	*0.96*	
		For >50 To 150, Add	*0.71*	
		For >150 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.23*	
31 32 19 13-0007	SY	4.3 Oz/SY, 1658 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric	2.17	
		For Up To 50, Add	*0.52*	
		For >50 To 150, Add	*0.38*	
		For >150 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.12*	
31 32 19 13-0008	SY	5.9 Oz/SY, 2192 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric	3.15	
		For Up To 50, Add	*0.72*	
		For >50 To 150, Add	*0.53*	
		For >150 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.17*	

31 32 19 16 Geotextile Soil Stabilization *(31 32 19)*

31 32 19 16-0001 Nonwoven Polypropylene Geotextiles *(31 32 19 16)*

Note: For drainage, filtration and separation.

31 32 19 16-0002	SY	2.6 Oz/SY, 90 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric	0.78	
		For Up To 50, Add	*0.19*	
		For >50 To 150, Add	*0.14*	
		For >150 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.04*	
31 32 19 16-0003	SY	3.0 Oz/SY, 40 Mil, 80 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric	0.68	
		For Up To 50, Add	*0.17*	
		For >50 To 150, Add	*0.12*	
		For >150 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.04*	
31 32 19 16-0004	SY	3.5 Oz/SY, 50 Mil, 95 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric	0.72	
		For Up To 50, Add	*0.18*	
		For >50 To 150, Add	*0.13*	
		For >150 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.04*	
31 32 19 16-0005	SY	4.0 Oz/SY, 60 Mil, 115 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric	0.78	
		For Up To 50, Add	*0.19*	
		For >50 To 150, Add	*0.14*	
		For >150 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.04*	
31 32 19 16-0006	SY	4.1 Oz/SY, 101 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric	0.84	
		For Up To 50, Add	*0.20*	
		For >50 To 150, Add	*0.15*	
		For >150 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.05*	
31 32 19 16-0007	SY	4.5 Oz/SY, 55 Mil, 120 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric	0.84	
		For Up To 50, Add	*0.20*	
		For >50 To 150, Add	*0.15*	
		For >150 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.05*	
31 32 19 16-0008	SY	6.0 Oz/SY, 70 Mil, 160 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric	0.98	
		For Up To 50, Add	*0.23*	
		For >50 To 150, Add	*0.17*	
		For >150 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
31 32 19 16-0009	SY	7.0 Oz/SY, 85 Mil, 180 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric	1.15	
		For Up To 50, Add	*0.27*	
		For >50 To 150, Add	*0.20*	
		For >150 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
31 32 19 16-0010	SY	8.0 Oz/SY, 85 Mil, 205 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric	1.26	
		For Up To 50, Add	*0.29*	
		For >50 To 150, Add	*0.22*	
		For >150 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.07*	
31 32 19 16-0011	SY	10 Oz/SY, 115 Mil, 250 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric	1.54	
		For Up To 50, Add	*0.35*	
		For >50 To 150, Add	*0.26*	
		For >150 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	

31 32 19 16-0012 Woven Geotextiles Fabric *(31 32 19 16)*

31 32 19 16-0013	SY	200 LB Grab Tensile Woven Slit Film Geotextile Fabric	0.96	
		For Up To 50, Add	*0.23*	
		For >50 To 150, Add	*0.17*	
		For >150 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
31 32 19 16-0014	SY	315 LB Grab Tensile Woven Slit Film Geotextile Fabric	1.33	
		For Up To 50, Add	*0.30*	
		For >50 To 150, Add	*0.22*	
		For >150 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.07*	
31 32 19 16-0015	SY	4 To 6% Open Area, 370 x 250 LB Grab Tensile Woven Monofilament Geotextile Fabric	2.31	
		For Up To 50, Add	*0.50*	
		For >50 To 150, Add	*0.37*	
		For >150 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 16-0016	SY	11 To 15% Open Area, 370 x 220 LB Grab Tensile Woven Monofilament Geotextile Fabric	2.25	
		For Up To 50, Add	*0.49*	
		For >50 To 150, Add	*0.36*	
		For >150 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.12*	
31 32 19 16-0017	SY	6.9 Oz/SY, 250 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric	1.97	
		For Up To 50, Add	*0.43*	
		For >50 To 150, Add	*0.32*	
		For >150 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.11*	
31 32 19 16-0018	SY	9.1 Oz/SY, 333 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric	2.11	
		For Up To 50, Add	*0.46*	
		For >50 To 150, Add	*0.34*	
		For >150 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.11*	
31 32 19 16-0019	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric	2.68	
		For Up To 50, Add	*0.58*	
		For >50 To 150, Add	*0.43*	
		For >150 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.14*	
31 32 19 16-0020	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Monofilament And Fibrillated Geotextile Fabric	3.80	
		For Up To 50, Add	*0.80*	
		For >50 To 150, Add	*0.60*	
		For >150 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.20*	

31 32 19 16-0021 Geonet Fabrics *(31 32 19 16)*

31 32 19 16-0022	SF	0.8" Thick Nylon Geomatrix/PVC Coated Polyester Fabric	2.37	

31 32 19 16-0023 Geomembranes *(31 32 19 16)*

31 32 19 16-0024 Polyvinyl Chloride (PVC) Geomembrane *(31 32 19 16-0023)*

31 32 19 16-0025	SF	20 Mil PVC Geomembrane	0.77	
31 32 19 16-0026	SF	30 Mil PVC Geomembrane	0.88	
31 32 19 16-0027	SF	40 Mil PVC Geomembrane	1.06	
31 32 19 16-0028	SF	50 Mil PVC Geomembrane	1.26	
31 32 19 16-0029	SF	60 Mil PVC Geomembrane	1.43	
31 32 19 16-0030	SF	70 Mil PVC Geomembrane	1.56	
31 32 19 16-0031	SF	80 Mil PVC Geomembrane	1.69	
31 32 19 16-0032	SF	90 Mil PVC Geomembrane	1.86	
31 32 19 16-0033	SF	100 Mil PVC Geomembrane	2.03	

31 32 19 16-0034 HDPE Geomembrane *(31 32 19 16-0023)*

31 32 19 16-0035	SF	20 Mil High Density Polyethylene Membrane	0.54	
31 32 19 16-0036	SF	30 Mil High Density Polyethylene Membrane	0.71	
31 32 19 16-0037	SF	40 Mil High Density Polyethylene Membrane	0.83	
31 32 19 16-0038	SF	50 Mil High Density Polyethylene Membrane	1.36	
31 32 19 16-0039	SF	60 Mil High Density Polyethylene Membrane	1.06	
31 32 19 16-0040	SF	80 Mil High Density Polyethylene Membrane	1.30	
31 32 19 16-0041	SF	100 Mil High Density Polyethylene Membrane	1.54	
31 32 19 16-0042	SF	120 Mil High Density Polyethylene Membrane	2.77	
31 32 19 16-0043	SF	140 Mil High Density Polyethylene Membrane	2.87	

31 32 19 26 Geoweb Cellular Confinement System *(31 32 19)*

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0001 Geoweb Cellular Confinement System *(31 32 19 26)*

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0002	SF	4" Geoweb Cellular Confinement System	4.12	
		For >20,000, Deduct	*-0.07*	
		For >2:1 Slope, Add	*0.88*	
31 32 19 26-0003	SF	6" Geoweb Cellular Confinement System	4.77	
		For >20,000, Deduct	*-0.11*	
		For >2:1 Slope, Add	*0.88*	
31 32 19 26-0004	SF	8" Geoweb Cellular Confinement System	5.55	
		For >20,000, Deduct	*-0.14*	
		For >2:1 Slope, Add	*0.88*	

31 36 Gabions *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, and dumping. See CSI section 01 74 19 00-0030 for hauling greater than 15 miles.

31 36 00 00-0001 Stone Filled Gabions *(31 36)*

Note: Machine placed by SY of total top face area for depth indicated.

31 36 00 00-0002	SY	Slope Protection, Gabions, 6" Deep Stone Filled	52.89	
31 36 00 00-0003	SY	Slope Protection, Gabions, 9" Deep Stone Filled	62.63	
31 36 00 00-0004	SY	Slope Protection, Gabions, 12" Deep Stone Filled	76.01	
31 36 00 00-0005	SY	Slope Protection, Gabions, 15" Deep Stone Filled	89.61	
31 36 00 00-0006	SY	Slope Protection, Gabions, 18" Deep Stone Filled	105.15	
31 36 00 00-0007	SY	Slope Protection, Gabions, 24" Deep Stone Filled	144.08	
31 36 00 00-0008	SY	Slope Protection, Gabions, 36" Deep Stone Filled	182.25	

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

31 37 Riprap *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, and dumping. See CSI section 01 74 19 00-0030 for hauling greater than 15 miles.

31 37 00 00-0001 Random - Filter Stone *(31 37)*

31 37 00 00-0002	CY	10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap	42.40	
		For Chinking Material, Add		*13.16*
31 37 00 00-0003	CY	>50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap	48.71	
		For Chinking Material, Add		*13.16*
31 37 00 00-0004	CY	>100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap	51.69	
		For Chinking Material, Add		*13.16*
31 37 00 00-0005	CY	>200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap	55.07	
		For Chinking Material, Add		*13.16*
31 37 00 00-0006	CY	>300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap	57.81	
		For Chinking Material, Add		*13.16*
31 37 00 00-0007	CY	>600 LB Average Pieces Random, Dumped From Truck, Rip Rap	62.27	
31 37 00 00-0008	CY	3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	76.25	
31 37 00 00-0009	TON	10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap	28.38	
31 37 00 00-0010	TON	>50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap	32.39	
31 37 00 00-0011	TON	>100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap	34.28	
31 37 00 00-0012	TON	>200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap	36.43	
31 37 00 00-0013	TON	>300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap	38.16	
31 37 00 00-0014	TON	>600 LB Average Pieces Random, Dumped From Truck, Rip Rap	41.03	
31 37 00 00-0015	TON	3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	51.99	

31 40 Shoring And Underpinning *(31)*

31 41 Shoring *(31 40)*

31 41 13 Timber Shoring *(31 41)*

31 41 13 00-0001 Wood Sheet Piling *(31 41 13)*

31 41 13 00-0002 Pull And Salvage *(31 41 13 00-0001)*

Note: Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

31 41 13 00-0003	SF	Wood Shoring, 8' Deep Excavation, Pull And Salvage	10.25	
		For Wood Sheeting Left In Place		*-0.83*
31 41 13 00-0004	SF	Wood Shoring, 10' Deep Excavation, Pull And Salvage	11.09	
		For Wood Sheeting Left In Place		*-0.99*
31 41 13 00-0005	SF	Wood Shoring, 12' Deep Excavation, Pull And Salvage	12.01	
		For Wood Sheeting Left In Place		*-1.15*
31 41 13 00-0006	SF	Wood Shoring, 14' Deep Excavation, Pull And Salvage	13.00	
		For Wood Sheeting Left In Place		*-1.35*
31 41 13 00-0007	SF	Wood Shoring, 16' Deep Excavation, Pull And Salvage	14.08	
		For Wood Sheeting Left In Place		*-1.56*
31 41 13 00-0008	SF	Wood Shoring, 18' Deep Excavation, Pull And Salvage	15.24	
		For Wood Sheeting Left In Place		*-1.80*
31 41 13 00-0009	SF	Wood Shoring, 20' Deep Excavation, Pull And Salvage	16.52	
		For Wood Sheeting Left In Place		*-2.06*

31 41 16 Sheet Piling *(31 41)*

31 41 16 13 Steel Sheet Piling *(31 41 16)*

31 41 16 13-0001 Standard Carbon Grade Steel Sheeting - Pull And Salvage *(31 41 16 13)*

Note: Up to 3 months. 38.5 KSI steel per SF minimum. PSF indicated is for the weight of the material per square foot. Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

31 41 16 13-0002	TON	Shoring For 15' Excavation, 22 PSF Steel Sheeting, Pull And Salvage	1,556.48	
		For Standard Sheeting Left In Place, Add		*785.99*
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add		*1,129.36*
		For High Strength Sheeting 45000 To 50000 PSI Grade, Add		*85.84*
		For High Strength Sheeting 55000 PSI Grade, Add		*95.38*
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add		*295.68*
		For Each Additional Month >3 Months, Add		*47.69*
31 41 16 13-0003	TON	Shoring For 20' Excavation, 27 PSF Steel Sheeting, Pull And Salvage	1,614.64	
		For Standard Sheeting Left In Place, Add		*756.91*
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add		*1,100.28*
		For High Strength Sheeting 45000 To 50000 PSI Grade, Add		*85.84*
		For High Strength Sheeting 55000 PSI Grade, Add		*95.38*
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add		*295.68*
		For Each Additional Month >3 Months, Add		*47.69*
31 41 16 13-0004	TON	Shoring For 25' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	1,885.04	
		For Standard Sheeting Left In Place, Add		*621.71*
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add		*965.08*
		For High Strength Sheeting 45000 To 50000 PSI Grade, Add		*85.84*
		For High Strength Sheeting 55000 PSI Grade, Add		*95.38*
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add		*295.68*
		For Each Additional Month >3 Months, Add		*47.69*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 41 16 13-0005		TON	Shoring For 30' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,145.24	
			For Standard Sheeting Left In Place, Add	*491.61*	
			For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*834.98*	
			For High Strength Sheeting 45000 To 50000 PSI Grade, Add	*85.84*	
			For High Strength Sheeting 55000 PSI Grade, Add	*95.38*	
			For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*295.68*	
			For Each Additional Month >3 Months, Add	*47.69*	
31 41 16 13-0006		TON	Shoring For 35' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,298.30	
			For Standard Sheeting Left In Place, Add	*415.08*	
			For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*758.45*	
			For High Strength Sheeting 45000 To 50000 PSI Grade, Add	*85.84*	
			For High Strength Sheeting 55000 PSI Grade, Add	*95.38*	
			For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*295.68*	
			For Each Additional Month >3 Months, Add	*47.69*	
31 41 16 13-0007		TON	Shoring For 40' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,454.42	
			For Standard Sheeting Left In Place, Add	*337.02*	
			For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*680.39*	
			For High Strength Sheeting 45000 To 50000 PSI Grade, Add	*85.84*	
			For High Strength Sheeting 55000 PSI Grade, Add	*95.38*	
			For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*295.68*	
			For Each Additional Month >3 Months, Add	*47.69*	

31 45 Vibroflotation And Densification *(31 40)*

31 45 13 Vibroflotation *(31 45)*

31 45 13 00-0001		LCY	Soil Stabilization, Vibroflotation	10.74	

31 48 Underpinning *(31 40)*

31 48 33 Micropile Underpinning *(31 48)*

31 48 33 00-0001 Augered Micro-Pile And Grout System *(31 48 33)*

31 48 33 00-0002		EA	Micro-Pile Mobilization Per Job	1,844.86	
31 48 33 00-0003		EA	Relocate And Set-up Micro-Pile Equipment At New Pile Cap Location	461.22	
31 48 33 00-0004		VLF	Auger 8" Diameter Hole, Insert GEWI Micro-Pile And Grout Void Note: Includes GEWI piles, threadbar extensions, couplers, spacers, top nut and steel bearing plate.	227.00	
31 48 33 00-0005		VLF	Auger 8" Diameter Hole, Insert GEWI Micro-Pile And Grout Void - Indoor Note: Includes GEWI piles, threadbar extensions, couplers, spacers, top nut and steel bearing plate.	284.65	
31 48 33 00-0006		EA	Pile Load Test	2,306.08	

END OF SECTION 31

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 Exterior Improvements

32 01 Operation And Maintenance Of Exterior Improvements (32)

32 01 11 Paving Cleaning (32 01)

32 01 11 53 Paint Removal From Paving (32 01 11)

32 01 11 53-0001 Remove Pavement Markings (32 01 11 53)
Note: Includes vacuuming of removed striped area and containment of debris.

32 01 11 53-0002	LF	Remove 4" Wide Painted Or Epoxy Pavement Striping	1.58
		For Up To 250, Add	*0.79*
		For > 250 To 1000, Add	*0.40*
		For > 5000 To 10000, Deduct	*-0.24*
		For > 10000 To 25000, Deduct	*-0.40*
		For > 25000 To 50000, Deduct	*-0.55*
		For > 50000, Deduct	*-0.63*
32 01 11 53-0003	LF	Remove 6" Wide Painted Or Epoxy Pavement Striping	1.91
		For Up To 250, Add	*0.96*
		For > 250 To 1000, Add	*0.48*
		For > 5000 To 10000, Deduct	*-0.29*
		For > 10000 To 25000, Deduct	*-0.48*
		For > 25000 To 50000, Deduct	*-0.67*
		For > 50000, Deduct	*-0.76*
32 01 11 53-0004	LF	Remove 8" Wide Painted Or Epoxy Pavement Striping	2.28
		For Up To 250, Add	*1.14*
		For > 250 To 1000, Add	*0.57*
		For > 5000 To 10000, Deduct	*-0.34*
		For > 10000 To 25000, Deduct	*-0.57*
		For > 25000 To 50000, Deduct	*-0.80*
		For > 50000, Deduct	*-0.91*
32 01 11 53-0005	LF	Remove 12" Wide Painted Or Epoxy Pavement Striping	2.73
		For Up To 250, Add	*1.37*
		For > 250 To 1000, Add	*0.68*
		For > 5000 To 10000, Deduct	*-0.41*
		For > 10000 To 25000, Deduct	*-0.68*
		For > 25000 To 50000, Deduct	*-0.96*
		For > 50000, Deduct	*-1.09*
32 01 11 53-0006	SF	Remove Painted Or Epoxy Pavement Marking Letters Or Symbols	2.73
		For Up To 250, Add	*1.37*
		For > 250 To 1000, Add	*0.68*
		For > 5000 To 10000, Deduct	*-0.41*
		For > 10000 To 25000, Deduct	*-0.68*
		For > 25000 To 50000, Deduct	*-0.96*
		For > 50000, Deduct	*-1.09*
32 01 11 53-0007	LF	Remove 4" Wide Thermoplastic Pavement Striping	2.40
		For Up To 250, Add	*1.20*
		For > 250 To 1000, Add	*0.60*
		For > 5000 To 10000, Deduct	*-0.36*
		For > 10000 To 25000, Deduct	*-0.60*
		For > 25000 To 50000, Deduct	*-0.84*
		For > 50000, Deduct	*-0.96*
32 01 11 53-0008	LF	Remove 6" Wide Thermoplastic Pavement Striping	2.84
		For Up To 250, Add	*1.42*
		For > 250 To 1000, Add	*0.71*
		For > 5000 To 10000, Deduct	*-0.43*
		For > 10000 To 25000, Deduct	*-0.71*
		For > 25000 To 50000, Deduct	*-0.99*
		For > 50000, Deduct	*-1.14*
32 01 11 53-0009	LF	Remove 8" Wide Thermoplastic Pavement Striping	3.42
		For Up To 250, Add	*1.71*
		For > 250 To 1000, Add	*0.86*
		For > 5000 To 10000, Deduct	*-0.51*
		For > 10000 To 25000, Deduct	*-0.86*
		For > 25000 To 50000, Deduct	*-1.20*
		For > 50000, Deduct	*-1.37*
32 01 11 53-0010	LF	Remove 12" Wide Thermoplastic Pavement Striping	4.09
		For Up To 250, Add	*2.05*
		For > 250 To 1000, Add	*1.02*
		For > 5000 To 10000, Deduct	*-0.61*
		For > 10000 To 25000, Deduct	*-1.02*
		For > 25000 To 50000, Deduct	*-1.43*
		For > 50000, Deduct	*-1.64*
32 01 11 53-0011	SF	Remove Thermoplastic Pavement Marking Letters Or Symbols	4.09
		For Up To 250, Add	*2.05*
		For > 250 To 1000, Add	*1.02*
		For > 5000 To 10000, Deduct	*-0.61*
		For > 10000 To 25000, Deduct	*-1.02*
		For > 25000 To 50000, Deduct	*-1.43*
		For > 50000, Deduct	*-1.64*

32 01 16 Flexible Paving Rehabilitation (32 01)

32 01 16 71 Cold Milling Asphalt Pavement (32 01 16)

32 01 16 71-0001 Removal Of Asphalt Surface Course (32 01 16 71)
Note: Includes direct loading into truck.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 01 16 71-0002 Production Cold Milling Of Roads And Parking Areas *(32 01 16 71-0001)*

Note: For removal of entire lanes of roads or parking areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc.

32 01 16 71-0003	SY	Production Cold Milling Of Asphalt Up To 3" Depth	2.94	
		For >10000 To 25000, Deduct	*-0.15*	
		For >25000, Deduct	*-0.29*	
32 01 16 71-0004	SY	>3" To 6" Depth, Production Cold Milling Of Asphalt	3.90	
		For >10000 To 25000, Deduct	*-0.20*	
		For >25000, Deduct	*-0.39*	
32 01 16 71-0005	SY	>6" To 12" Depth, Production Cold Milling Of Asphalt	5.21	
		For >10000 To 25000, Deduct	*-0.26*	
		For >25000, Deduct	*-0.52*	
32 01 16 71-0006	SY	Production Cold Milling Of Concrete Per Inch	4.44	

32 01 16 71-0007 Limited Production Cold Milling *(32 01 16 71-0001)*

Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc.

32 01 16 71-0008	SY	Limited Cold Milling Of Asphalt Up To 3" Depth	20.41	
		For >100 To 1000, Deduct	*-10.21*	
		For >1000, Deduct	*-15.31*	
32 01 16 71-0009	SY	>3" To 6" Depth, Limited Cold Milling Of Asphalt	27.03	
		For >100 To 1000, Deduct	*-13.52*	
		For >1000, Deduct	*-20.27*	
32 01 16 71-0010	SY	>6" To 12" Depth, Limited Cold Milling Of Asphalt	36.00	
		For >100 To 1000, Deduct	*-18.00*	
		For >1000, Deduct	*-27.00*	
32 01 16 71-0011	SY	Limited Cold Milling Of Concrete Per Inch	30.68	
32 01 16 71-0012	EA	Replace Traffic Induction Loop Note: Includes saw cutting, replacement wire for 1 induction loop circuit, and sealing cut. Does not include junction box or conduit.	458.39	

32 01 16 71-0013 Grind, Leave In-Place Asphalt Grindings *(32 01 16 71)*

Note: For use as subbase material, includes spreading and rolling.

32 01 16 71-0014	SY	Grind, Leave In-Place As Subbase Course, 6-9" Depth	5.57	

32 01 16 72 Asphalt Paving Reuse *(32 01 16)*

32 01 16 72-0001 Rejuvenate, Respread Asphalt Pavement *(32 01 16 72)*

Note: Includes direct loading into truck.

32 01 16 72-0002	SY	Remove, Rejuvenate, Respread Asphalt Grindings To 1/2" Deep	8.08	
32 01 16 72-0003	SY	Remove, Rejuvenate, Respread Asphalt Grindings To 1/2" Deep, Previously Sealed Cold Tar	9.66	
32 01 16 72-0004	TON	Remove, Rejuvenate, Respread Asphalt Grindings	125.55	

32 01 16 72-0005 Reclamation, Pulverize And Blending With Existing *(32 01 16 72)*

Note: Includes direct loading into truck.

32 01 16 72-0006	SY	Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base, Up To 2" Thick Pavement, To 15000 SY	2.45	
32 01 16 72-0007	SY	Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base, Up To 2" Thick Pavement, Over 15000 SY	2.33	
32 01 16 72-0008	SY	Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base, 3" Thick Pavement, To 15000 SY	2.67	
32 01 16 72-0009	SY	Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base, 3" Thick Pavement, Over 15000 SY	2.52	
32 01 16 72-0010	SY	Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base, 4" Thick Pavement, To 15000 SY	2.94	
32 01 16 72-0011	SY	Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base, 4" Thick Pavement, Over 15000 SY	2.72	
32 01 16 72-0012	SY	Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base, >4" To 8" Thick Pavement, Up To 15000 SY	3.21	
32 01 16 72-0013	SY	Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base, >4" To 8" Thick Pavement, >15000 SY	3.00	
32 01 16 72-0014	EA	Add For Mobilization And Demobilization For Reclamation, Pulverizing And Blending Crew	1,702.72	

32 01 17 Flexible Paving Repair *(32 01)*

See CSI section 32 12 16 00-0000 for large area resurfacing.

32 01 17 61 Sealing Cracks In Asphalt Paving *(32 01 17)*

Note: Includes sweeping and cleaning of area.

32 01 17 61-0001 Asphalt Pavement Crack And Sealing Repair *(32 01 17 61)*

Note: Includes sweeping and cleaning of area.

32 01 17 61-0002	LF	Up To 200 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	1.12	
		For 3/4" x 1/2" Fill, Add		*0.29*
		For 1" x 1/2" Fill, Add		*0.55*
		For Backer Rod, Add		*0.65*
32 01 17 61-0003	LF	>200 To 500 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	0.91	
		For 3/4" x 1/2" Fill, Add		*0.24*
		For 1" x 1/2" Fill, Add		*0.45*
		For Backer Rod, Add		*0.59*
32 01 17 61-0004	LF	>500 To 2000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	0.73	
		For 3/4" x 1/2" Fill, Add		*0.20*
		For 1" x 1/2" Fill, Add		*0.37*
		For Backer Rod, Add		*0.54*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 61-0005	LF	>2000 To 5000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	0.62	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.17*	
		For 1" x 1/2" Fill, Add	*0.32*	
		For Backer Rod, Add	*0.51*	
32 01 17 61-0006	LF	>5000 To 10000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	0.55	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.15*	
		For 1" x 1/2" Fill, Add	*0.29*	
		For Backer Rod, Add	*0.49*	
32 01 17 61-0007	LF	>10000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	0.52	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.14*	
		For 1" x 1/2" Fill, Add	*0.27*	
		For Backer Rod, Add	*0.47*	
32 01 17 61-0008	LF	Up To 200 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	2.04	
32 01 17 61-0009	LF	>200 To 500 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.64	
32 01 17 61-0010	LF	>500 To 2000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.26	
32 01 17 61-0011	LF	>2000 To 5000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.11	
32 01 17 61-0012	LF	>5000 To 10000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.00	
32 01 17 61-0013	LF	>10000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	0.93	
32 01 17 61-0014	LF	For Routing And Cleaning Of Crack, Add Per 1/2" Depth	0.40	

32 01 17 63 Pavement Repair *(32 01 17)*

32 01 17 63-0001 Temporary Pot Hole Repair *(32 01 17 63)*

Note: Includes removal of loose material and moisture, bonding agent, compaction, safety cones and hauling up to 15 miles. Excludes signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0030 for hauling greater than 15 miles.

32 01 17 63-0002	EA	Temporary Pot Hole Repairs With Cold Mix Modified, Up To 3 Tons	1,236.78
32 01 17 63-0003	TON	Temporary Pot Hole Repairs With Cold Mix Modified	375.31
		Note: Use for each ton over 3 tons.	
32 01 17 63-0004	EA	Temporary Pot Hole Repairs With Cold Mix, Up To 3 Tons	1,177.25
32 01 17 63-0005	TON	Temporary Pot Hole Repairs With Cold Mix	355.46
		Note: Use for each ton over 3 tons.	
32 01 17 63-0006	EA	Temporary Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons	1,147.48
32 01 17 63-0007	TON	Temporary Pot Hole Repairs With Hot Mix Modified	345.54
		Note: Use for each ton over 3 tons.	
32 01 17 63-0008	EA	Temporary Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,117.71
32 01 17 63-0009	TON	Temporary Pot Hole Repairs With Hot Mix	335.62
		Note: Use for each ton over 3 tons.	

32 01 17 63-0010 Permanent Pot Hole Repair *(32 01 17 63)*

Note: Includes removal of loose material and moisture, saw cutting, chipping, squaring off, bonding agent, compaction and hauling up to 15 miles Tasks do not include signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0030 for hauling greater than 15 miles.

32 01 17 63-0011	EA	Permanent Pot Hole Repairs With Cold Mix, Up To 3 Tons	1,270.11
32 01 17 63-0012	TON	Permanent Pot Hole Repairs With Cold Mix	413.23
		Note: Use for each ton over 3 tons.	
32 01 17 63-0013	EA	Permanent Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons	1,240.34
32 01 17 63-0014	TON	Permanent Pot Hole Repairs With Hot Mix Modified	403.31
		Note: Use for each ton over 3 tons.	
32 01 17 63-0015	EA	Permanent Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,210.57
32 01 17 63-0016	TON	Permanent Pot Hole Repairs With Hot Mix	393.39
		Note: Use for each ton over 3 tons.	

32 01 17 63-0017 Grind Asphalt *(32 01 17 63)*

32 01 17 63-0018	SY	Grinding Asphalt To Level Bump Or Raised Area	16.54

32 01 17 63-0019 Asphalt Placement For Small Repairs *(32 01 17 63)*

Note: This section is used for placing up to 100 tons of asphalt after a small area of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. Includes mobilization of paving equipment such as a roller, placing the asphalt, and compaction. Excludes saw cutting, demolition of existing pavement, and new subbase material. Use approximately 0.055 tons per square yard per inch of depth. See CSI section 02 41 19 13-0001 for saw cutting, 32 12 16 13-0000 for areas requiring more than 100 tons.

32 01 17 63-0020	EA	Asphalt Placement For Small Repair Areas, Cold Mix Modified, Up To 3 Tons	1,742.24
		Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	
32 01 17 63-0021	TON	Asphalt Placement For Small Repair Areas, Cold Mix Modified	247.58
		Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	
32 01 17 63-0022	EA	Asphalt Placement For Small Repair Areas, Cold Mix, Up To 3 Tons	1,682.71
		Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	
32 01 17 63-0023	TON	Asphalt Placement For Small Repair Areas, Cold Mix	227.73
		Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	
32 01 17 63-0024	EA	Asphalt Placement For Small Repair Areas, Hot Mix Modified, Up To 3 Tons	1,652.94
		Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	
32 01 17 63-0025	TON	Asphalt Placement For Small Repair Areas, Hot Mix Modified	217.81
		Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 63-0026	EA	Asphalt Placement For Small Repair Areas, Hot Mix, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	1,623.17	
32 01 17 63-0027	TON	Asphalt Placement For Small Repair Areas, Hot Mix Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	207.89	

32 01 26 Rigid Paving Rehabilitation *(32 01)*

32 01 26 71 Grooving Of Concrete Paving *(32 01 26)*

32 01 26 71-0001 Roadway Grooving *(32 01 26 71)*

32 01 26 71-0002	SY	Pavement Grooving, Concrete, Longitudinal	0.93	
32 01 26 71-0003	SY	Pavement Grooving, Concrete, Transverse	0.69	

32 01 26 71-0004 Rumble Strips *(32 01 26 71)*

32 01 26 71-0005	LF	Safe-Strips Shoulder Rumble Strips, Asphalt	0.28	
32 01 26 71-0006	LF	Safe-Strips Shoulder Rumble Strips, Concrete	0.66	

32 01 26 71-0007 Boat Ramps Grooving *(32 01 26 71)*

32 01 26 71-0008	SY	Concrete Grooving, Boat Ramps	1.49	

32 01 90 Operation And Maintenance Of Planting *(32 01)*

Note: These tasks are to be used as requested by the owner to maintain existing conditions and for extended watering period for lawns, plants and trees.

32 01 90 13 Fertilizing *(32 01 90)*

32 01 90 13-0001	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Granular)	10.79	
32 01 90 13-0002	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Liquid)	7.70	
32 01 90 13-0003	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Granular)	8.47	
32 01 90 13-0004	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Liquid)	6.90	

32 01 90 23 Pruning *(32 01 90)*

32 01 90 23-0001 Tree Pruning *(32 01 90 23)*

Note: Types of pruning for mature trees (these standards are established by the ISA - International Society of Arboriculture) 1. CROWN CLEANING - Crown cleaning or cleaning out is the removal of dead, dying, diseased, crowded, weakly attached, and low-vigor branches and waterspouts from a tree crown. 2. CROWN THINNING - Crown thinning includes crown cleaning and the selective removal of branches to increase light penetration and air movement into the crown. Increased light and air stimulates and maintains interior foliage, which in turn improves branch taper and strength. Thinning reduces the wind-sail effect of the crown and the weight of the heavy limbs. Thinning the crown can emphasize the structural beauty of the trunk and branches as well as improve the growth of plants beneath the tree by increasing light penetration. When thinning the crown of mature trees, seldom should more than one-third of the live foliage be removed. At least one-half of the foliage should be on branches that arise in the lower two- thirds of the trees. Likewise, when thinning laterals from a limb, an effort should be made to retain inner lateral branches and leave the same distribution of foliage along the branch. Trees and branches so pruned will have stress more evenly distributed throughout the tree or along a branch. 3. CROWN RAISING - Crown raising removes the lower branches of a tree in order to provide clearance for buildings, vehicles, pedestrians, and vistas. It is important that a tree have at least one-half of its foliage on branches that originate in the lower two-thirds of its trunk to ensure a well-formed, tapered structure and to uniformly distribute stress within a tree. When pruning for view, it is preferable to develop "windows" through the foliage of the tree, rather than to severely raise or reduce the crown. 4. CROWN REDUCTION - Crown reduction is used to reduce the height and/or spread of a tree. Thinning cuts are most effective in maintaining the structural integrity and natural form of a tree and in delaying the time when it will need to be pruned again. The lateral to which a branch or trunk is cut should be at least one-half the diameter of the cut being made. 5. CROWN RESTORATION - Crown restoration can improve the structure and appearance of trees that have been topped or severely pruned using heading cuts. One to three sprouts on main branch stubs should be selected to reform a more natural appearing crown. Selected vigorous sprouts may need to be thinned to a lateral, or even headed, to control length growth in order to ensure adequate attachment for the size of the sprout. Restoration may require several pruning's over a number of years.

32 01 90 23-0002	EA	Tree Pruning (Crown Cleaning), 1-1/2" Caliper	23.70	
		For Crown Thinning, Tree Pruning, Add		*5.33*
		For Crown Raising, Pruning, Add		*8.30*
		For Crown Reduction, Tree Pruning, Add		*10.67*
		For Crown Restoration, Pruning, Add		*15.80*
32 01 90 23-0003	EA	Tree Pruning (Crown Cleaning), 2" Caliper	27.08	
		For Crown Thinning, Tree Pruning, Add		*6.09*
		For Crown Raising, Pruning, Add		*9.48*
		For Crown Reduction, Tree Pruning, Add		*12.19*
		For Crown Restoration, Pruning, Add		*18.05*
32 01 90 23-0004	EA	Tree Pruning (Crown Cleaning), 2-1/2" Caliper	30.47	
		For Crown Thinning, Tree Pruning, Add		*6.86*
		For Crown Raising, Pruning, Add		*10.66*
		For Crown Reduction, Tree Pruning, Add		*13.71*
		For Crown Restoration, Pruning, Add		*20.31*
32 01 90 23-0005	EA	Tree Pruning (Crown Cleaning), 3" Caliper	33.85	
		For Crown Thinning, Tree Pruning, Add		*7.62*
		For Crown Raising, Pruning, Add		*11.85*
		For Crown Reduction, Tree Pruning, Add		*15.23*
		For Crown Restoration, Pruning, Add		*22.57*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0006	EA	Tree Pruning (Crown Cleaning), 4" Caliper, By Hand	51.45	
		For Crown Thinning, Tree Pruning, Add	*11.58*	
		For Crown Raising, Pruning, Add	*18.01*	
		For Crown Reduction, Tree Pruning, Add	*23.15*	
		For Crown Restoration, Pruning, Add	*34.30*	
32 01 90 23-0007	EA	Tree Pruning (Crown Cleaning), 4" Caliper, Aerial Lift Equipment	85.59	
		For Crown Thinning, Tree Pruning, Add	*19.26*	
		For Crown Raising, Pruning, Add	*29.96*	
		For Crown Reduction, Tree Pruning, Add	*38.52*	
		For Crown Restoration, Pruning, Add	*57.06*	
32 01 90 23-0008	EA	Tree Pruning (Crown Cleaning), 6" Caliper, By Hand	90.04	
		For Crown Thinning, Tree Pruning, Add	*20.26*	
		For Crown Raising, Pruning, Add	*31.51*	
		For Crown Reduction, Tree Pruning, Add	*40.52*	
		For Crown Restoration, Pruning, Add	*60.03*	
32 01 90 23-0009	EA	Tree Pruning (Crown Cleaning), 6" Caliper, Aerial Lift Equipment	163.02	
		For Crown Thinning, Tree Pruning, Add	*36.68*	
		For Crown Raising, Pruning, Add	*57.06*	
		For Crown Reduction, Tree Pruning, Add	*73.36*	
		For Crown Restoration, Pruning, Add	*108.69*	
32 01 90 23-0010	EA	Tree Pruning (Crown Cleaning), 9" Caliper, By Hand	144.19	
		For Crown Thinning, Tree Pruning, Add	*32.44*	
		For Crown Raising, Pruning, Add	*50.47*	
		For Crown Reduction, Tree Pruning, Add	*64.89*	
		For Crown Restoration, Pruning, Add	*96.13*	
32 01 90 23-0011	EA	Tree Pruning (Crown Cleaning), 9" Caliper, Aerial Lift Equipment	260.77	
		For Crown Thinning, Tree Pruning, Add	*58.67*	
		For Crown Raising, Pruning, Add	*91.27*	
		For Crown Reduction, Tree Pruning, Add	*117.35*	
		For Crown Restoration, Pruning, Add	*173.86*	
32 01 90 23-0012	EA	Tree Pruning (Crown Cleaning), 12" Caliper, By Hand	166.61	
		For Crown Thinning, Tree Pruning, Add	*37.49*	
		For Crown Raising, Pruning, Add	*58.31*	
		For Crown Reduction, Tree Pruning, Add	*74.97*	
		For Crown Restoration, Pruning, Add	*111.08*	
32 01 90 23-0013	EA	Tree Pruning (Crown Cleaning), 12" Caliper, Aerial Lift Equipment	301.56	
		For Crown Thinning, Tree Pruning, Add	*67.85*	
		For Crown Raising, Pruning, Add	*105.55*	
		For Crown Reduction, Tree Pruning, Add	*135.70*	
		For Crown Restoration, Pruning, Add	*201.05*	
32 01 90 23-0014	EA	Tree Pruning (Crown Cleaning), 18" Caliper By Hand	193.68	
		For Crown Thinning, Tree Pruning, Add	*43.58*	
		For Crown Raising, Pruning, Add	*67.79*	
		For Crown Reduction, Tree Pruning, Add	*87.16*	
		For Crown Restoration, Pruning, Add	*129.13*	
32 01 90 23-0015	EA	Tree Pruning (Crown Cleaning), 18" Caliper By Hand, Aerial Lift Equipment	350.47	
		For Crown Thinning, Tree Pruning, Add	*78.86*	
		For Crown Raising, Pruning, Add	*122.66*	
		For Crown Reduction, Tree Pruning, Add	*157.71*	
		For Crown Restoration, Pruning, Add	*233.66*	
32 01 90 23-0016	EA	Tree Pruning (Crown Cleaning), 24" Caliper, By Hand	235.76	
		For Crown Thinning, Tree Pruning, Add	*53.05*	
		For Crown Raising, Pruning, Add	*82.52*	
		For Crown Reduction, Tree Pruning, Add	*106.09*	
		For Crown Restoration, Pruning, Add	*157.18*	
32 01 90 23-0017	EA	Tree Pruning (Crown Cleaning), 24" Caliper, Aerial Lift Equipment	423.90	
		For Crown Thinning, Tree Pruning, Add	*95.38*	
		For Crown Raising, Pruning, Add	*148.37*	
		For Crown Reduction, Tree Pruning, Add	*190.76*	
		For Crown Restoration, Pruning, Add	*282.61*	
32 01 90 23-0018	EA	Tree Pruning (Crown Cleaning), 30" Caliper, By Hand	292.87	
		For Crown Thinning, Tree Pruning, Add	*65.90*	
		For Crown Raising, Pruning, Add	*102.50*	
		For Crown Reduction, Tree Pruning, Add	*131.79*	
		For Crown Restoration, Pruning, Add	*195.26*	
32 01 90 23-0019	EA	Tree Pruning (Crown Cleaning), 30" Caliper, Aerial Lift Equipment	534.23	
		For Crown Thinning, Tree Pruning, Add	*120.20*	
		For Crown Raising, Pruning, Add	*186.98*	
		For Crown Reduction, Tree Pruning, Add	*240.40*	
		For Crown Restoration, Pruning, Add	*356.17*	
32 01 90 23-0020	EA	Tree Pruning (Crown Cleaning), 36" Caliper, By Hand	401.13	
		For Crown Thinning, Tree Pruning, Add	*90.25*	
		For Crown Raising, Pruning, Add	*140.40*	
		For Crown Reduction, Tree Pruning, Add	*180.51*	
		For Crown Restoration, Pruning, Add	*267.43*	
32 01 90 23-0021	EA	Tree Pruning (Crown Cleaning), 36" Caliper, Aerial Lift Equipment	724.06	
		For Crown Thinning, Tree Pruning, Add	*162.91*	
		For Crown Raising, Pruning, Add	*253.42*	
		For Crown Reduction, Tree Pruning, Add	*325.83*	
		For Crown Restoration, Pruning, Add	*482.73*	
32 01 90 23-0022	EA	Tree Pruning (Crown Cleaning), 48" Caliper, By Hand	636.37	
		For Crown Thinning, Tree Pruning, Add	*143.18*	
		For Crown Raising, Pruning, Add	*222.73*	
		For Crown Reduction, Tree Pruning, Add	*286.37*	
		For Crown Restoration, Pruning, Add	*424.27*	
32 01 90 23-0023	EA	Tree Pruning (Crown Cleaning), 48" Caliper, Aerial Lift Equipment	1,164.41	
		For Crown Thinning, Tree Pruning, Add	*261.99*	
		For Crown Raising, Pruning, Add	*407.54*	
		For Crown Reduction, Tree Pruning, Add	*523.98*	
		For Crown Restoration, Pruning, Add	*776.31*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 01 90 23-0024 Shrub Pruning *(32 01 90 23)*

32 01 90 23-0025	MSF	Shrub Pruning, Prune, Shrub Bed	77.15
32 01 90 23-0026	EA	Shrub Pruning, Prune, Shrub Under 3' Height	2.70
32 01 90 23-0027	EA	Shrub Pruning, Prune, Shrub 4' Height	6.09
32 01 90 23-0028	EA	Shrub Pruning, Prune, Shrub Over 6'	10.84
32 01 90 23-0029	EA	Shrub Pruning, Prune Trees From Ground	27.08
32 01 90 23-0030	EA	Shrub Pruning, Prune Trees From Ground, High Work	67.71

32 01 90 23-0031 Root Pruning *(32 01 90 23)*

Note: Cut roots cleanly after excavation with clean, sharp tools, to promote callus formation and wound closure. Wounds to be dressed with a tree rooting hormone compound. Mix soil improvements (e.g., peat moss) with fill soil to promote new root growth. Backfill the excavation and water the soil around the roots to avoid leaving air pockets.

32 01 90 23-0032	EA	Root Pruning, One Side Of Up To 1-1/2" Caliper Tree	13.54
32 01 90 23-0033	EA	Root Pruning, One Side Of 2" Caliper Tree	16.93
32 01 90 23-0034	EA	Root Pruning, One Side Of 2-1/2" Caliper Tree	20.31
32 01 90 23-0035	EA	Root Pruning, One Side Of 3" Caliper Tree	27.08
32 01 90 23-0036	EA	Root Pruning, One Side Of 4" Caliper Tree	40.63
32 01 90 23-0037	EA	Root Pruning, One Side Of 6" Caliper Tree	50.78
32 01 90 23-0038	EA	Root Pruning, One Side Of 9" Caliper Tree	71.09
32 01 90 23-0039	EA	Root Pruning, One Side Of 12" Caliper Tree	81.25
32 01 90 23-0040	EA	Root Pruning, One Side Of 18" Caliper Tree	94.79
32 01 90 23-0041	EA	Root Pruning, One Side Of 24" Caliper Tree	118.49
32 01 90 23-0042	EA	Root Pruning, One Side Of 30" Caliper Tree	145.57
32 01 90 23-0043	EA	Root Pruning, One Side Of 36" Caliper Tree	169.27
32 01 90 23-0044	EA	Root Pruning, One Side Of 48" Caliper Tree	203.13

32 01 90 26 Watering *(32 01 90)*

Note: Includes delivered water. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant.

32 01 90 26-0001 Watering Lawns, Plants And Trees *(32 01 90 26)*

Note: Includes delivered water and watering truck. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant.

32 01 90 26-0002	MSF	Watering Sod/Grass, Per Inch Of Water	28.57
32 01 90 26-0003	CSF	Watering Groundcover	4.64
32 01 90 26-0004	CSF	Watering Annuals And Perennials	8.54
32 01 90 26-0005	EA	Watering Trees, 1" To 5" Diameter By Hand	8.63
32 01 90 26-0006	EA	Watering Trees, 6" To 12" Diameter By Hand	11.52
32 01 90 26-0007	EA	Watering Trees, 13" To 18" Diameter By Hand	14.57
32 01 90 26-0008	EA	Watering Trees, >18" Diameter By Hand	17.27
32 01 90 26-0009	EA	Watering Shrub Or Bush By Hand	7.53

32 01 90 36 Weed And Brush Control *(32 01 90)*

32 01 90 36-0001	MSF	Herbicide - Weed Killer	8.51
32 01 90 36-0002	MSF	Herbicide - Brush Killer	14.53
32 01 90 36-0003	MSF	Herbicide - Pre-Emergent Or Post-Emergent Select	6.37

32 01 90 39 Pesticides *(32 01 90)*

32 01 90 39-0001	MSF	Pesticide - Surface Eating	8.06
32 01 90 39-0002	MSF	Pesticide - Subsurface Eating	8.10
32 01 90 39-0003	MSF	Pesticide - Fungicide Application	8.83

32 10 Bases, Ballasts, And Paving *(32)*

32 11 Base Courses *(32 10)*

32 11 16 Subbase Courses *(32 11)*

32 11 16 00-0001 Aggregate Subbase Courses *(32 11 16)*

32 11 16 00-0002 Base And Subbase Courses For Roadways And Parking Areas *(32 11 16 00-0001)*

Note: Includes 3/4" To 1-1/2" aggregate material, hauling up to 15 miles, dumping, spreading, grading, compacting and watering. See CSI section 01 74 19 00-0030 for hauling greater than 15 miles.

32 11 16 00-0003 Base And Subbase Courses By The CY *(32 11 16 00-0002)*

32 11 16 00-0004	CY	Graded Crushed Aggregate Roadway Base Course	56.08	
		For Limestone, Deduct		*-2.94*
32 11 16 00-0005	CY	Bituminous Stabilized Base Course Note: 3/4" ASTM C33.	76.47	
32 11 16 00-0006	CY	Class II Base Course	60.41	
32 11 16 00-0007	CY	Class III Base Course	61.28	

32 11 16 00-0008 Base And Subbase Courses By The SY *(32 11 16 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 11 16 00-0009	SY	2" Crushed Aggregate Base Course	3.13	
		For Limestone, Deduct	*-0.17*	
		For Up To 500, Add	*0.85*	
		For >500 To 1000, Add	*0.31*	
		For >5000 To 10000, Deduct	*-0.12*	
		For > 0000, Deduct	*-0.20*	
32 11 16 00-0010	SY	4" Crushed Aggregate Base Course	5.94	
		For Limestone, Deduct	*-0.27*	
		For Up To 500, Add	*1.63*	
		For >500 To 1000, Add	*0.59*	
		For >5000 To 10000, Deduct	*-0.23*	
		For > 0000, Deduct	*-0.39*	
32 11 16 00-0011	SY	6" Crushed Aggregate Base Course	9.23	
		For Limestone, Deduct	*-0.47*	
		For Up To 500, Add	*2.51*	
		For >500 To 1000, Add	*0.92*	
		For >5000 To 10000, Deduct	*-0.35*	
		For > 0000, Deduct	*-0.60*	
32 11 16 00-0012	SY	9" Crushed Aggregate Base Course	13.53	
		For Limestone, Deduct	*-0.65*	
		For Up To 500, Add	*3.70*	
		For >500 To 1000, Add	*1.35*	
		For >5000 To 10000, Deduct	*-0.51*	
		For > 0000, Deduct	*-0.88*	
32 11 16 00-0013	SY	12" Crushed Aggregate Base Course	18.67	
		For Limestone, Deduct	*-0.98*	
		For Up To 500, Add	*5.07*	
		For >500 To 1000, Add	*1.87*	
		For >5000 To 10000, Deduct	*-0.71*	
		For > 0000, Deduct	*-1.21*	

32 11 16 00-0014 Base Courses For Sidewalk (Asphalt Or Concrete) *(32 11 16 00-0001)*

Note: Includes material, hauling up to 15 miles, placement, spreading, grading, and compaction. See CSI section 01 74 19 00-0030 for hauling greater than 15 miles.

32 11 16 00-0015	SF	2" Crushed Aggregate Base Course	0.42	
		For Up To 1000, Add	*0.12*	
		For >1000 To 2500, Add	*0.04*	
32 11 16 00-0016	SF	3" Crushed Aggregate Base Course	0.59	
		For Up To 1000, Add	*0.17*	
		For >1000 To 2500, Add	*0.06*	
32 11 16 00-0017	SF	4" Crushed Aggregate Base Course	0.76	
		For Up To 1000, Add	*0.21*	
		For >1000 To 2500, Add	*0.08*	
32 11 16 00-0018	SF	5" Crushed Aggregate Base Course	0.99	
		For Up To 1000, Add	*0.28*	
		For >1000 To 2500, Add	*0.10*	
32 11 16 00-0019	SF	6" Crushed Aggregate Base Course	1.20	
		For Up To 1000, Add	*0.34*	
		For >1000 To 2500, Add	*0.12*	
32 11 16 00-0020	SF	7" Crushed Aggregate Base Course	1.39	
		For Up To 1000, Add	*0.39*	
		For >1000 To 2500, Add	*0.14*	
32 11 16 00-0021	SF	8" Crushed Aggregate Base Course	1.58	
		For Up To 1000, Add	*0.44*	
		For >1000 To 2500, Add	*0.16*	

32 12 Flexible Paving *(32 10)*

32 12 13 Preparatory Coats *(32 12)*

32 12 13 13 Tack Coats *(32 12 13)*

32 12 13 13-0001	SY	Tack Coat, 0.1 Gallon/SY	0.60	
		For Up To 150, Add	*0.12*	
		For >150 To 300, Add	*0.06*	
		For >300 To 500, Add	*0.03*	
		For >3500 To 5000, Deduct	*-0.02*	
		For >5000, Deduct	*-0.04*	

32 12 13 19 Prime Coats *(32 12 13)*

32 12 13 19-0001	SY	Surface Prime Coat, 0.28 Gallon/SY	1.07	
		For Up To 150, Add	*0.24*	
		For >150 To 300, Add	*0.11*	
		For >300 To 500, Add	*0.05*	
		For >3500 To 5000, Deduct	*-0.03*	
		For >5000, Deduct	*-0.07*	

32 12 16 Asphalt Paving *(32 12)*

32 12 16 13 Plant-Mix Asphalt Paving *(32 12 16)*

Note: Includes delivery up to 15 miles, placement, rolling, finishing and sweeping. See CSI section 01 74 19 00-0030 for hauling greater than 15 miles.

32 12 16 13-0001 Intermediate Binder Courses *(32 12 16 13)*

Note: Meets Caltran requirements.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0002	TON	Bituminous Hot Mix Intermediate Course 3954 LB/CY Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.	106.83	
		For Warm Mix Additive, Add	*5.66*	
		For >500 To 1000, Deduct	*-4.66*	
		For >1000 To 2500, Deduct	*-8.45*	
		For >2500 To 5000, Deduct	*-13.11*	
		For >5000, Deduct	*-18.80*	
32 12 16 13-0003	SY	1" Thick Binder Course Note: Includes placement, rolling, finishing and sweeping.	6.21	
		For >10000 To 20000, Deduct	*-0.27*	
		For >20000 To 50000, Deduct	*-0.49*	
		For >50000 To 100000, Deduct	*-0.76*	
		For >100000, Deduct	*-1.08*	
32 12 16 13-0004	SY	1-1/2" Thick Binder Course Note: Includes placement, rolling, finishing and sweeping.	9.17	
		For >7000 To 14000, Deduct	*-0.40*	
		For >14000 To 32000, Deduct	*-0.73*	
		For >32000 To 64000, Deduct	*-1.12*	
		For >64000, Deduct	*-1.61*	
32 12 16 13-0005	SY	2" Thick Binder Course Note: Includes placement, rolling, finishing and sweeping.	12.09	
		For >5000 To 10000, Deduct	*-0.53*	
		For >10000 To 24000, Deduct	*-0.96*	
		For >24000 To 48000, Deduct	*-1.49*	
		For >48000, Deduct	*-2.14*	
32 12 16 13-0006	SY	2-1/2" Thick Binder Course Note: Includes placement, rolling, finishing and sweeping.	14.69	
		For >4000 To 8000, Deduct	*-0.65*	
		For >8000 To 20000, Deduct	*-1.18*	
		For >20000 To 40000, Deduct	*-1.84*	
		For >40000, Deduct	*-2.64*	
32 12 16 13-0007	SY	3" Thick Binder Course Note: Includes placement, rolling, finishing and sweeping.	17.30	
		For >3000 To 6000, Deduct	*-0.78*	
		For >6000 To 16000, Deduct	*-1.41*	
		For >16000 To 32000, Deduct	*-2.18*	
		For >32000, Deduct	*-3.13*	
32 12 16 13-0008	SY	3-1/2" Thick Binder Course Note: Includes placement, rolling, finishing and sweeping.	20.15	
		For >2800 To 5600, Deduct	*-0.90*	
		For >5600 To 14000, Deduct	*-1.64*	
		For >14000 To 28000, Deduct	*-2.55*	
		For >28000, Deduct	*-3.65*	
32 12 16 13-0009	SY	4" Thick Binder Course Note: Includes placement, rolling, finishing and sweeping.	23.08	
		For >2500 To 5000, Deduct	*-1.03*	
		For >5000 To 12000, Deduct	*-1.88*	
		For >12000 To 24000, Deduct	*-2.91*	
		For >24000, Deduct	*-4.18*	
32 12 16 13-0010	SY	5" Thick Binder Course Note: Includes placement, rolling, finishing and sweeping.	28.81	
		For >2000 To 3900, Deduct	*-1.29*	
		For >3900 To 10000, Deduct	*-2.35*	
		For >10000 To 20000, Deduct	*-3.64*	
		For >20000, Deduct	*-5.22*	
32 12 16 13-0011	SY	6" Thick Binder Course Note: Includes placement, rolling, finishing and sweeping.	34.61	
		For >1600 To 3200, Deduct	*-1.55*	
		For >3200 To 8000, Deduct	*-2.82*	
		For >8000 To 16000, Deduct	*-4.37*	
		For >16000, Deduct	*-6.27*	

32 12 16 13-0012 Surface Courses *(32 12 16 13)*

Note: Meets Caltran requirements.

32 12 16 13-0013	TON	Bituminous Hot Mix Surface Course 3954 LB/CY Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.	111.78	
		For PG64-10 Asphalt, Add	*6.53*	
		For Warm Mix Additive, Add	*5.66*	
		For >500 To 1000, Deduct	*-4.74*	
		For >1000 To 2500, Deduct	*-8.61*	
		For >2500 To 5000, Deduct	*-13.34*	
		For >5000, Deduct	*-19.15*	
32 12 16 13-0014	TON	Asphalt Rubberized Hot Mix (ARHM) Surface Course Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.	132.44	
		For Warm Mix Additive, Add	*6.73*	
32 12 16 13-0015	SY	1" Thick Surface Course Note: Includes placement, rolling, finishing and sweeping.	6.35	
		For PG64-10 Asphalt, Add	*0.34*	
		For >10000 To 20000, Deduct	*-0.26*	
		For >20000 To 50000, Deduct	*-0.48*	
		For >50000 To 100000, Deduct	*-0.75*	
		For >100000, Deduct	*-1.07*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0016	SY	1-1/2" Thick Surface Course	9.34	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*0.51*	
		For >7000 To 14000, Deduct	*-0.39*	
		For >14000 To 32000, Deduct	*-0.72*	
		For >32000 To 64000, Deduct	*-1.11*	
		For >64000, Deduct	*-1.59*	
32 12 16 13-0017	SY	2" Thick Surface Course	12.30	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*0.68*	
		For >5000 To 10000, Deduct	*-0.52*	
		For >10000 To 24000, Deduct	*-0.95*	
		For >24000 To 48000, Deduct	*-1.47*	
		For >48000, Deduct	*-2.11*	
32 12 16 13-0018	SY	2-1/2" Thick Surface Course	14.83	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*0.86*	
		For >4000 To 8000, Deduct	*-0.64*	
		For >8000 To 20000, Deduct	*-1.16*	
		For >20000 To 40000, Deduct	*-1.80*	
		For >40000, Deduct	*-2.59*	
32 12 16 13-0019	SY	3" Thick Surface Course	17.40	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*1.03*	
		For >3000 To 6000, Deduct	*-0.76*	
		For >6000 To 16000, Deduct	*-1.38*	
		For >16000 To 32000, Deduct	*-2.14*	
		For >32000, Deduct	*-3.07*	
32 12 16 13-0020	TON	Hand Placed Hot Mixed Asphalt 3954 LB/CY	253.04	
		Note: For small areas not reachable by machine. Includes placement, rolling, finishing and sweeping.		

32 12 16 19 Cold-Mix Asphalt Paving *(32 12 16)*

Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.

32 12 16 19-0001	SY	Cold Laid Asphalt Pavement, Traveling Plant Mixed In Windrows, Compacted 4" Course	9.81
32 12 16 19-0002	SY	Cold Laid Asphalt Pavement, Rotary Plant Mixed In Place, Compacted 4" Course	9.58
32 12 16 19-0003	SY	Cold Laid Asphalt Pavement, Central Stationary Plant, Mixed, Compacted 4" Course	15.93

32 12 16 39 Fabrics *(32 12 16)*

See CSI section 31 32 19 16-0000 for geotextile fabric.

32 12 16 39-0001	SY	Support Fabric 4 Oz Polypropylene	0.69
		Note: For installation between layers of asphalt or overlays.	
32 12 16 39-0002	SY	Support Fabric 6 Oz Polypropylene	0.91
		Note: For installation between layers of asphalt or overlays.	

32 12 16 43 Waterproofing Membranes *(32 12 16)*

32 12 16 43-0001	SY	Up To 500 SY, Waterproofing, Membrane, Tar And Fabric	22.87
32 12 16 43-0002	SY	>500 To 1000 SY, Tar And Fabric, Waterproofing, Membrane	16.03
32 12 16 43-0003	SY	>1000 SY, Tar And Fabric, Waterproofing, Membrane	8.27
32 12 16 43-0004	SY	Up To 500 SY, Preformed Rubberized Asphalt Membrane	27.64
32 12 16 43-0005	SY	>500 To 1000 SY, Preformed Rubberized Asphalt Membrane	20.70
32 12 16 43-0006	SY	>1000 SY, Preformed Rubberized Asphalt Membrane	12.83

32 12 33 Flexible Paving Surface Treatments *(32 12)*

32 12 33 00-0001 Bituminous Surface Treatment For Roadways *(32 12 33)*

Note: 0.25 Gal bitumen per SY and 30 lb of gravel/SY.

32 12 33 00-0002	SY	Single Course Bituminous Treatment, Prepare And Clean Surface Roadway	2.40
32 12 33 00-0003	SY	Double Course Bituminous Treatment, Prepare And Clean Surface Roadway	4.33

32 12 33 00-0004 Bituminous Surface Treatment For Trails *(32 12 33)*

Note: 0.25 Gal bitumen per SY and 20 lb of gravel/SY.

32 12 33 00-0005	SY	Bituminous Surface Treatment, For Trails	1.64

32 12 36 Seal Coats *(32 12)*

32 12 36 00-0001 Asphalt Seal Coating, For Roads And Parking Lot *(32 12 36)*

Note: Includes sweeping and cleaning of area.

32 12 36 00-0002	SY	Up To 500 SY, Type II Slurry Seal Asphalt Coating	5.72
		Note: 1/4" thick, 14 to 18 Lbs/SY.	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.43*
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.54*
		For Latex Modified Asphalt Emulsion, Add	*0.43*
32 12 36 00-0003	SY	>500 To 1000 SY, Type II Slurry Seal Asphalt Coating	4.62
		Note: 1/4" thick, 14 to 18 Lbs/SY.	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.37*
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.48*
		For Latex Modified Asphalt Emulsion, Add	*0.37*
32 12 36 00-0004	SY	>1000 To 5000 SY, Type II Slurry Seal Asphalt Coating	3.69
		Note: 1/4" thick, 14 to 18 Lbs/SY.	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.31*
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.41*
		For Latex Modified Asphalt Emulsion, Add	*0.31*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 00-0005	SY	>5000 To 20000 SY, Type II Slurry Seal Asphalt Coating Note: 1/4" thick, 14 to 18 Lbs/SY.	2.99	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.26*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.35*	
		For Latex Modified Asphalt Emulsion, Add	*0.26*	
32 12 36 00-0006	SY	>20000 SY, Type II Slurry Seal Asphalt Coating Note: 1/4" thick, 14 to 18 Lbs/SY.	2.50	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.23*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.31*	
		For Latex Modified Asphalt Emulsion, Add	*0.23*	
32 12 36 00-0007	SY	Up To 500 SY, Type III Slurry Seal Asphalt Coating Note: 3/8" thick, 25 to 30 Lbs/SY.	6.58	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.49*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.62*	
		For Latex Modified Asphalt Emulsion, Add	*0.49*	
32 12 36 00-0008	SY	>500 To 1000 SY, Type III Slurry Seal Asphalt Coating Note: 3/8" thick, 25 to 30 Lbs/SY.	5.43	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.44*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.57*	
		For Latex Modified Asphalt Emulsion, Add	*0.44*	
32 12 36 00-0009	SY	>1000 To 5000 SY, Type III Slurry Seal Asphalt Coating Note: 3/8" thick, 25 to 30 Lbs/SY.	4.29	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.48*	
		For Latex Modified Asphalt Emulsion, Add	*0.36*	
32 12 36 00-0010	SY	>5000 To 20000 SY, Type III Slurry Seal Asphalt Coating Note: 3/8" thick, 25 to 30 Lbs/SY.	3.47	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.31*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.41*	
		For Latex Modified Asphalt Emulsion, Add	*0.31*	
32 12 36 00-0011	SY	>20000 SY, Type III Slurry Seal Asphalt Coating Note: 3/8" thick, 25 to 30 Lbs/SY.	2.93	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.26*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.36*	
		For Latex Modified Asphalt Emulsion, Add	*0.26*	
32 12 36 00-0012	SY	Up To 500 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	5.38	
32 12 36 00-0013	SY	>500 To 1000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	4.50	
32 12 36 00-0014	SY	>1000 To 5000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	3.61	
32 12 36 00-0015	SY	>5000 To 20000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	2.96	
32 12 36 00-0016	SY	>20000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	2.50	
32 12 36 00-0017	SY	Up To 500 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	6.17	
32 12 36 00-0018	SY	>500 To 1000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	5.29	
32 12 36 00-0019	SY	>1000 To 5000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	4.32	
32 12 36 00-0020	SY	>5000 To 20000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	3.60	
32 12 36 00-0021	SY	>20000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	3.07	

32 12 36 00-0022 Water Based Emulsion Sealer *(32 12 36)*

Note: Includes sweeping and cleaning of area.

32 12 36 00-0023	SF	Up To 5000 SF Water Based Emulsion Sealer, For Asphalt, First Coat	0.37	
		For Additional Coats, Add	*0.20*	
32 12 36 00-0024	SF	5001 To 10000 SF Water Based Emulsion Sealer, For Asphalt, First Coat	0.30	
		For Additional Coats, Add	*0.16*	
32 12 36 00-0025	SF	> 10000 SF Water Based Emulsion Sealer, For Asphalt, First Coat	0.22	
		For Additional Coats, Add	*0.12*	

32 12 36 00-0026 Sand Sealer *(32 12 36)*

Note: To be added to Slurry Seal.

32 12 36 00-0027	SY	Up To 200 SY Sand Seal Spray Applied Asphalt Emulsion	2.30	
32 12 36 00-0028	SY	>200 To 500 SY Sand Seal Spray Applied Asphalt Emulsion	1.73	
32 12 36 00-0029	SY	>500 To 1100 SY Sand Seal Spray Applied Asphalt Emulsion	1.53	
32 12 36 00-0030	SY	>1100 To 4400 SY Sand Seal Spray Applied Asphalt Emulsion	1.17	
32 12 36 00-0031	SY	>4400 To 7800 SY Sand Seal Spray Applied Asphalt Emulsion	1.06	
32 12 36 00-0032	SY	>7800 To 16700 SY Sand Seal Spray Applied Asphalt Emulsion	0.98	
32 12 36 00-0033	SY	>16700 SY Sand Seal Spray Applied Asphalt Emulsion	0.91	

32 12 36 00-0034 Fog Sealer *(32 12 36)*

32 12 36 00-0035	SY	Up To 200 SY Fog Seal, SS-1H	2.04	
32 12 36 00-0036	SY	>200 To 500 SY Fog Seal, SS-1H	1.47	
32 12 36 00-0037	SY	>500 To 1100 SY Fog Seal, SS-1	1.28	
32 12 36 00-0038	SY	>1100 To 4400 SY Fog Seal, SS-1H	0.91	
32 12 36 00-0039	SY	>4400 To 7800 SY Fog Seal, SS-1H	0.81	
32 12 36 00-0040	SY	>7800 To 16700 SY Fog Seal, SS-1H	0.72	
32 12 36 00-0041	SY	>16700 SY Fog Seal, SS-1H	0.63	

32 12 36 00-0042 Asphalt Emulsion Sealers *(32 12 36)*

32 12 36 00-0043 Fine Screenings Seal Coat *(32 12 36 00-0042)*

Note: 12 to 20 # Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.

32 12 36 00-0044	SY	Up To 200 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	2.79	
32 12 36 00-0045	SY	>200 To 500 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	2.15	
32 12 36 00-0046	SY	>500 To 1100 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.93	
32 12 36 00-0047	SY	>1100 To 4400 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.56	
32 12 36 00-0048	SY	>4400 To 7800 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.43	
32 12 36 00-0049	SY	>7800 To 16700 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.33	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 00-0050	SY	> 16700 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.25	

32 12 36 00-0051 Medium Fine Screenings Seal Coat *(32 12 36 00-0042)*

Note: 16 to 25 # Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.

32 12 36 00-0052	SY	Up To 200 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	3.12	
32 12 36 00-0053	SY	>200 To 500 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	2.44	
32 12 36 00-0054	SY	>500 To 1100 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	2.21	
32 12 36 00-0055	SY	>1100 To 4400 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.82	
32 12 36 00-0056	SY	>4400 To 7800 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.68	
32 12 36 00-0057	SY	>7800 To 16700 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.58	
32 12 36 00-0058	SY	> 16700 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.49	

32 12 36 00-0059 Medium Screenings Seal Coat *(32 12 36 00-0042)*

Note: 20 to 30 # Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.

32 12 36 00-0060	SY	Up To 200 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	3.23	
32 12 36 00-0061	SY	>200 To 500 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	2.54	
32 12 36 00-0062	SY	>500 To 1100 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	2.30	
32 12 36 00-0063	SY	>1100 To 4400 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	1.91	
32 12 36 00-0064	SY	>4400 To 7800 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	1.76	
32 12 36 00-0065	SY	>7800 To 16700 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	1.66	
32 12 36 00-0066	SY	>16700 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	1.57	

32 12 36 00-0067 Course Screenings Seal Coat *(32 12 36 00-0042)*

Note: 23 to 30 # Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.

32 12 36 00-0068	SY	Up To 200 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	3.31	
32 12 36 00-0069	SY	>200 To 500 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	2.61	
32 12 36 00-0070	SY	>500 To 1100 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	2.37	
32 12 36 00-0071	SY	>1100 To 4400 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	1.97	
32 12 36 00-0072	SY	>4400 To 7800 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	1.83	
32 12 36 00-0073	SY	>7800 To 16700 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	1.72	
32 12 36 00-0074	SY	>16700 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	1.62	

32 12 36 00-0075 Double Screenings Seal Coat *(32 12 36 00-0042)*

Note: First coat 23 to 30 # Per SY of 1/2" No. 4 with 0.20 to 0.35 gallons asphalt emulsion per SY, Second coat 12 to 20 # Per SY of 1/4" No. 10 with 0.20 to 0.30 gallons asphalt emulsion per SY.

32 12 36 00-0076	SY	Up To 200 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	5.07	
32 12 36 00-0077	SY	>200 To 500 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	4.03	
32 12 36 00-0078	SY	>500 To 1100 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	3.68	
32 12 36 00-0079	SY	>1100 To 4400 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	3.07	
32 12 36 00-0080	SY	>4400 To 7800 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	2.86	
32 12 36 00-0081	SY	>7800 To 16700 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	2.70	
32 12 36 00-0082	SY	>16700 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	2.55	

32 12 36 00-0083 Seal Coat With Sand And Latex *(32 12 36)*

32 12 36 00-0084	SF	Up To 2500 SF Seal Coat With Sand And Latex Added (One Coat)	0.48	
32 12 36 00-0085	SF	>2500 To 5000 SF Seal Coat With Sand And Latex Added (One Coat)	0.40	
32 12 36 00-0086	SF	>5000 To 10000 SF Seal Coat With Sand And Latex Added (One Coat)	0.31	
32 12 36 00-0087	SF	>10000 To 25000 SF Seal Coat With Sand And Latex Added (One Coat)	0.24	
32 12 36 00-0088	SF	>25000 To 50000 SF Seal Coat With Sand And Latex Added (One Coat)	0.19	
32 12 36 00-0089	SF	>50000 To 100000 SF Seal Coat With Sand And Latex Added (One Coat)	0.16	
32 12 36 00-0090	SF	>100000 To 200000 SF Seal Coat With Sand And Latex Added (One Coat)	0.15	
32 12 36 00-0091	SF	>200000 To 400000 SF Seal Coat With Sand And Latex Added (One Coat)	0.13	
32 12 36 00-0092	SF	>400000 SF Seal Coat With Sand And Latex Added (One Coat)	0.12	

32 12 36 00-0093 Asphalt Rubber Aggregate Membrane *(32 12 36)*

Note: Includes cleaning and preparing existing surface, spreading asphalt rubber and cover aggregate, rolling and sweeping.

32 12 36 00-0094	SY	Up To 200 SY 3/8" Asphalt Rubber Aggregate Membrane	5.58	
32 12 36 00-0095	SY	>200 To 500 SY 3/8" Asphalt Rubber Aggregate Membrane	4.47	
32 12 36 00-0096	SY	>500 To 1100 SY 3/8" Asphalt Rubber Aggregate Membrane	4.09	
32 12 36 00-0097	SY	>1100 To 4400 SY 3/8" Asphalt Rubber Aggregate Membrane	3.47	
32 12 36 00-0098	SY	>4400 To 7800 SY 3/8" Asphalt Rubber Aggregate Membrane	3.24	
32 12 36 00-0099	SY	>7800 To 16700 SY 3/8" Asphalt Rubber Aggregate Membrane	3.07	
32 12 36 00-0100	SY	>16700 SY 3/8" Asphalt Rubber Aggregate Membrane	2.90	

32 12 43 Porous Flexible Paving *(32 12)*

32 12 43 00-0001 Flexible Recycled Plastic Porous Grid *(32 12 43)*

Note: Includes sand fill in rings. Excludes base, earth work and grass or sod.

32 12 43 00-0002	SF	1" Thick, Recycled Plastic Flexible Pavement With Sand Fill Note: Includes sand fill in rings. Excludes base, earth work and grass or sod. Invisible Structures, Inc.; Grasspave2.	2.36	
		For Up To 100, Add	*0.84*	
		For >100 To 500, Add	*0.22*	
		For >1000 To 5000, Deduct	*-0.10*	
		For >5000, Deduct	*-0.19*	

32 12 73 Asphalt Paving Joint Sealants *(32 12)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 73 00-0001		Expansion Joint In Sidewalk *(32 12 73)*		
32 12 73 00-0002	LF	For Hot Asphalt Poured Over Expansion Joint In Sidewalk	2.88	

32 13 Rigid Paving *(32 10)*

32 13 13 Concrete Paving *(32 13)*

Note: The following section includes spreading and placing delivered Portland cement concrete mix.

32 13 13 00-0001 Concrete Paving Assemblies *(32 13 13)*

Note: Includes forms, wire mesh (where necessary), #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float and finish. Excludes excavation, base and earthwork. Includes concrete paving machine. To be used for roadways, driveways, parking areas, or other areas of vehicular traffic. See CSI section 03 05 00 00-0001 for color additive.

32 13 13 00-0002 Material Cost Includes Concrete At Spreader *(32 13 13 00-0001)*

32 13 13 00-0003	SY	4" Concrete Pavement, 4500 PSI Assembly	38.98	
		For 2500 PSI Concrete, Deduct	*-2.04*	
		For 3000 PSI Concrete, Deduct	*-1.33*	
		For 3500 PSI Concrete, Deduct	*-1.06*	
		For 4000 PSI Concrete, Deduct	*-0.46*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*2.30*	
		For <10' Wide Pass, Add	*7.09*	
		For >24' Wide Pass, Deduct	*-7.80*	
		For Air Entrainment, Add	*0.89*	
		For Accelerator Admixtures, Add	*1.06*	
		For Slipforming, Deduct	*-3.90*	
		For Up To 100, Add	*16.30*	
		For >100 To 250, Add	*9.03*	
		For >250 To 500, Add	*4.52*	
		For >1000 To 2000, Deduct	*-0.89*	
		For >2000 To 5000, Deduct	*-1.86*	
		For >5000 To 10000, Deduct	*-2.84*	
		For >10000 To 20000, Deduct	*-3.81*	
		For >20000, Deduct	*-4.78*	
32 13 13 00-0004	SY	5" Concrete Pavement, 4500 PSI Assembly	45.86	
		For 2500 PSI Concrete, Deduct	*-2.56*	
		For 3000 PSI Concrete, Deduct	*-1.67*	
		For 3500 PSI Concrete, Deduct	*-1.34*	
		For 4000 PSI Concrete, Deduct	*-0.58*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*2.89*	
		For <10' Wide Pass, Add	*8.13*	
		For >24' Wide Pass, Deduct	*-9.17*	
		For Air Entrainment, Add	*1.11*	
		For Accelerator Admixtures, Add	*1.34*	
		For Slipforming, Deduct	*-4.59*	
		For Up To 100, Add	*18.62*	
		For >100 To 250, Add	*10.42*	
		For >250 To 500, Add	*5.21*	
		For >1000 To 2000, Deduct	*-1.11*	
		For >2000 To 5000, Deduct	*-2.26*	
		For >5000 To 10000, Deduct	*-3.41*	
		For >10000 To 20000, Deduct	*-4.55*	
		For >20000, Deduct	*-5.70*	
32 13 13 00-0005	SY	6" Concrete Pavement, 4500 PSI Assembly	49.06	
		For 2500 PSI Concrete, Deduct	*-2.70*	
		For 3000 PSI Concrete, Deduct	*-1.76*	
		For 3500 PSI Concrete, Deduct	*-1.41*	
		For 4000 PSI Concrete, Deduct	*-0.61*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*3.05*	
		For <10' Wide Pass, Add	*8.74*	
		For >24' Wide Pass, Deduct	*-9.81*	
		For Air Entrainment, Add	*1.17*	
		For Accelerator Admixtures, Add	*1.41*	
		For Slipforming, Deduct	*-4.91*	
		For Up To 100, Add	*20.05*	
		For >100 To 250, Add	*11.20*	
		For >250 To 500, Add	*5.60*	
		For >1000 To 2000, Deduct	*-1.17*	
		For >2000 To 5000, Deduct	*-2.40*	
		For >5000 To 10000, Deduct	*-3.63*	
		For >10000 To 20000, Deduct	*-4.85*	
		For >20000, Deduct	*-6.08*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 00-0006	SY	7" Concrete Pavement, 4500 PSI Assembly	57.93	
		For 2500 PSI Concrete, Deduct	*-3.40*	
		For 3000 PSI Concrete, Deduct	*-2.22*	
		For 3500 PSI Concrete, Deduct	*-1.78*	
		For 4000 PSI Concrete, Deduct	*-0.77*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*3.85*	
		For <10' Wide Pass, Add	*10.04*	
		For >24' Wide Pass, Deduct	*-11.59*	
		For Air Entrainment, Add	*1.48*	
		For Accelerator Admixtures, Add	*1.78*	
		For Slipforming, Deduct	*-5.79*	
		For Up To 100, Add	*22.92*	
		For >100 To 250, Add	*12.94*	
		For >250 To 500, Add	*6.47*	
		For >1000 To 2000, Deduct	*-1.48*	
		For >2000 To 5000, Deduct	*-2.93*	
		For >5000 To 10000, Deduct	*-4.38*	
		For >10000 To 20000, Deduct	*-5.82*	
		For >20000, Deduct	*-7.27*	
32 13 13 00-0007	SY	8" Concrete Pavement, 4500 PSI Assembly	66.48	
		For 2500 PSI Concrete, Deduct	*-3.74*	
		For 3000 PSI Concrete, Deduct	*-2.44*	
		For 3500 PSI Concrete, Deduct	*-1.95*	
		For 4000 PSI Concrete, Deduct	*-0.84*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*4.22*	
		For <10' Wide Pass, Add	*11.75*	
		For >24' Wide Pass, Deduct	*-13.30*	
		For Air Entrainment, Add	*1.62*	
		For Accelerator Admixtures, Add	*1.95*	
		For Slipforming, Deduct	*-6.65*	
		For Up To 100, Add	*26.90*	
		For >100 To 250, Add	*15.07*	
		For >250 To 500, Add	*7.54*	
		For >1000 To 2000, Deduct	*-1.62*	
		For >2000 To 5000, Deduct	*-3.29*	
		For >5000 To 10000, Deduct	*-4.95*	
		For >10000 To 20000, Deduct	*-6.61*	
		For >20000, Deduct	*-8.27*	
32 13 13 00-0008	SY	9" Concrete Pavement, 4500 PSI Assembly	75.09	
		For 2500 PSI Concrete, Deduct	*-4.32*	
		For 3000 PSI Concrete, Deduct	*-2.82*	
		For 3500 PSI Concrete, Deduct	*-2.25*	
		For 4000 PSI Concrete, Deduct	*-0.98*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*4.88*	
		For <10' Wide Pass, Add	*13.14*	
		For >24' Wide Pass, Deduct	*-15.02*	
		For Air Entrainment, Add	*1.88*	
		For Accelerator Admixtures, Add	*2.25*	
		For Slipforming, Deduct	*-7.51*	
		For Up To 100, Add	*30.04*	
		For >100 To 250, Add	*16.90*	
		For >250 To 500, Add	*8.45*	
		For >1000 To 2000, Deduct	*-1.88*	
		For >2000 To 5000, Deduct	*-3.75*	
		For >5000 To 10000, Deduct	*-5.63*	
		For >10000 To 20000, Deduct	*-7.51*	
		For >20000, Deduct	*-9.39*	
32 13 13 00-0009	SY	10" Concrete Pavement, 4500 PSI Assembly	83.79	
		For 2500 PSI Concrete, Deduct	*-4.75*	
		For 3000 PSI Concrete, Deduct	*-3.10*	
		For 3500 PSI Concrete, Deduct	*-2.48*	
		For 4000 PSI Concrete, Deduct	*-1.07*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*5.37*	
		For <10' Wide Pass, Add	*14.75*	
		For >24' Wide Pass, Deduct	*-16.76*	
		For Air Entrainment, Add	*2.06*	
		For Accelerator Admixtures, Add	*2.48*	
		For Slipforming, Deduct	*-8.38*	
		For Up To 100, Add	*33.76*	
		For >100 To 250, Add	*18.94*	
		For >250 To 500, Add	*9.47*	
		For >1000 To 2000, Deduct	*-2.06*	
		For >2000 To 5000, Deduct	*-4.16*	
		For >5000 To 10000, Deduct	*-6.25*	
		For >10000 To 20000, Deduct	*-8.35*	
		For >20000, Deduct	*-10.44*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 00-0010	SY	12" Concrete Pavement, 4500 PSI Assembly	99.89	
		For 2500 PSI Concrete, Deduct	*-5.62*	
		For 3000 PSI Concrete, Deduct	*-3.67*	
		For 3500 PSI Concrete, Deduct	*-2.93*	
		For 4000 PSI Concrete, Deduct	*-1.27*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*6.36*	
		For <10' Wide Pass, Add	*17.64*	
		For >24' Wide Pass, Deduct	*-19.98*	
		For Air Entrainment, Add	*2.44*	
		For Accelerator Admixtures, Add	*2.93*	
		For Slipforming, Deduct	*-9.99*	
		For Up To 100, Add	*40.38*	
		For >100 To 250, Add	*22.63*	
		For >250 To 500, Add	*11.32*	
		For >1000 To 2000, Deduct	*-2.44*	
		For >2000 To 5000, Deduct	*-4.94*	
		For >5000 To 10000, Deduct	*-7.44*	
		For >10000 To 20000, Deduct	*-9.94*	
		For >20000, Deduct	*-12.43*	
32 13 13 00-0011	SY	15" Concrete Pavement, 4500 PSI Assembly	127.73	
		For 2500 PSI Concrete, Deduct	*-6.90*	
		For 3000 PSI Concrete, Deduct	*-4.50*	
		For 3500 PSI Concrete, Deduct	*-3.60*	
		For 4000 PSI Concrete, Deduct	*-1.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*7.81*	
		For <10' Wide Pass, Add	*22.93*	
		For >24' Wide Pass, Deduct	*-25.55*	
		For Air Entrainment, Add	*3.00*	
		For Accelerator Admixtures, Add	*3.60*	
		For Slipforming, Deduct	*-12.77*	
		For Up To 100, Add	*52.62*	
		For >100 To 250, Add	*29.31*	
		For >250 To 500, Add	*14.66*	
		For >1000 To 2000, Deduct	*-3.00*	
		For >2000 To 5000, Deduct	*-6.20*	
		For >5000 To 10000, Deduct	*-9.39*	
		For >10000 To 20000, Deduct	*-12.58*	
		For >20000, Deduct	*-15.78*	

32 13 13 00-0012 Concrete Slabs Assemblies *(32 13 13)*

Note: Includes forms, welded wire reinforcement (where necessary), #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish. Excludes excavation, base, earthwork, and expansion joints along existing. See CSI section 03 05 00 00-0001 for color additive alternative.

32 13 13 00-0013	SF	4" Thick Slab On Grade, 3000 PSI Assembly	5.68	
		For 2000 PSI Concrete, Deduct	*-0.15*	
		For 2500 PSI Concrete, Deduct	*-0.08*	
		For 3500 PSI Concrete, Add	*0.05*	
		For 4000 PSI Concrete, Add	*0.18*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*2.29*	
		For >500 To 1000, Add	*1.57*	
		For >1000 To 2000, Add	*0.86*	
		For >2000 To 5000, Add	*0.43*	
		For >10000 To 20000, Deduct	*-0.14*	
		For >20000 To 35000, Deduct	*-0.28*	
		For >35000 To 50000, Deduct	*-0.42*	
		For >50000 To 70000, Deduct	*-0.57*	
		For >70000, Deduct	*-0.71*	
		For Integral Colors, Add	*0.09*	
		Note: Modifier quantity = task quantity x LB/CY color added.		
32 13 13 00-0014	SF	5" Thick Slab On Grade, 3000 PSI Assembly	6.20	
		For 2000 PSI Concrete, Deduct	*-0.17*	
		For 2500 PSI Concrete, Deduct	*-0.09*	
		For 3500 PSI Concrete, Add	*0.06*	
		For 4000 PSI Concrete, Add	*0.20*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*2.44*	
		For >500 To 1000, Add	*1.68*	
		For >1000 To 2000, Add	*0.92*	
		For >2000 To 5000, Add	*0.46*	
		For >10000 To 20000, Deduct	*-0.16*	
		For >20000 To 35000, Deduct	*-0.31*	
		For >35000 To 50000, Deduct	*-0.47*	
		For >50000 To 70000, Deduct	*-0.62*	
		For >70000, Deduct	*-0.78*	
		For Integral Colors, Add	*0.10*	
		Note: Modifier quantity = task quantity x LB/CY color added.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 00-0015	SF	6" Thick Slab On Grade, 3000 PSI Assembly	6.94	
		For 2000 PSI Concrete, Deduct	*-0.20*	
		For 2500 PSI Concrete, Deduct	*-0.10*	
		For 3500 PSI Concrete, Add	*0.07*	
		For 4000 PSI Concrete, Add	*0.23*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*2.68*	
		For >500 To 1000, Add	*1.85*	
		For >1000 To 2000, Add	*1.02*	
		For >2000 To 5000, Add	*0.51*	
		For >10000 To 20000, Deduct	*-0.19*	
		For >20000 To 35000, Deduct	*-0.36*	
		For >35000 To 50000, Deduct	*-0.53*	
		For >50000 To 70000, Deduct	*-0.71*	
		For >70000, Deduct	*-0.88*	
		For Integral Colors, Add	*0.12*	
		Note: Modifier quantity = task quantity x LB/CY color added.		
32 13 13 00-0016	SF	7" Thick Slab On Grade, 3000 PSI Assembly	7.63	
		For 2000 PSI Concrete, Deduct	*-0.23*	
		For 2500 PSI Concrete, Deduct	*-0.12*	
		For 3500 PSI Concrete, Add	*0.08*	
		For 4000 PSI Concrete, Add	*0.27*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*2.87*	
		For >500 To 1000, Add	*1.98*	
		For >1000 To 2000, Add	*1.10*	
		For >2000 To 5000, Add	*0.55*	
		For >10000 To 20000, Deduct	*-0.21*	
		For >20000 To 35000, Deduct	*-0.40*	
		For >35000 To 50000, Deduct	*-0.60*	
		For >50000 To 70000, Deduct	*-0.79*	
		For >70000, Deduct	*-0.98*	
		For Integral Colors, Add	*0.13*	
		Note: Modifier quantity = task quantity x LB/CY color added.		
32 13 13 00-0017	SF	8" Thick Slab On Grade, 3000 PSI Assembly	8.23	
		For 2000 PSI Concrete, Deduct	*-0.26*	
		For 2500 PSI Concrete, Deduct	*-0.13*	
		For 3500 PSI Concrete, Add	*0.09*	
		For 4000 PSI Concrete, Add	*0.30*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*3.04*	
		For >500 To 1000, Add	*2.11*	
		For >1000 To 2000, Add	*1.17*	
		For >2000 To 5000, Add	*0.59*	
		For >10000 To 20000, Deduct	*-0.24*	
		For >20000 To 35000, Deduct	*-0.44*	
		For >35000 To 50000, Deduct	*-0.65*	
		For >50000 To 70000, Deduct	*-0.85*	
		For >70000, Deduct	*-1.06*	
		For Integral Colors, Add	*0.15*	
		Note: Modifier quantity = task quantity x LB/CY color added.		
32 13 13 00-0018	SF	10" Thick Slab On Grade, 3000 PSI Assembly	9.74	
		For 2000 PSI Concrete, Deduct	*-0.32*	
		For 2500 PSI Concrete, Deduct	*-0.16*	
		For 3500 PSI Concrete, Add	*0.11*	
		For 4000 PSI Concrete, Add	*0.38*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*3.45*	
		For >500 To 1000, Add	*2.40*	
		For >1000 To 2000, Add	*1.35*	
		For >2000 To 5000, Add	*0.67*	
		For >10000 To 20000, Deduct	*-0.30*	
		For >20000 To 35000, Deduct	*-0.54*	
		For >35000 To 50000, Deduct	*-0.79*	
		For >50000 To 70000, Deduct	*-1.03*	
		For >70000, Deduct	*-1.27*	
		For Integral Colors, Add	*0.19*	
		Note: Modifier quantity = task quantity x LB/CY color added.		
32 13 13 00-0019	SF	12" Thick Slab On Grade, 3000 PSI Assembly	10.93	
		For 2000 PSI Concrete, Deduct	*-0.37*	
		For 2500 PSI Concrete, Deduct	*-0.19*	
		For 3500 PSI Concrete, Add	*0.13*	
		For 4000 PSI Concrete, Add	*0.43*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*3.80*	
		For >500 To 1000, Add	*2.65*	
		For >1000 To 2000, Add	*1.50*	
		For >2000 To 5000, Add	*0.75*	
		For >10000 To 20000, Deduct	*-0.35*	
		For >20000 To 35000, Deduct	*-0.62*	
		For >35000 To 50000, Deduct	*-0.89*	
		For >50000 To 70000, Deduct	*-1.16*	
		For >70000, Deduct	*-1.44*	
		For Integral Colors, Add	*0.21*	
		Note: Modifier quantity = task quantity x LB/CY color added.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 13 16 Decorative Concrete Paving *(32 13)*

32 13 16 13 Patterned Concrete Paving *(32 13 16)*

32 13 16 13-0001	SF	For Patterned (Tactile) Finish In Sidewalk	3.51	

32 13 43 Pervious Concrete Paving *(32 13)*

32 13 43 00-0001 Pervious Concrete Assembly *(32 13 43)*

Note: Pervious concrete is a special concrete mix with high porosity that allows water to pass through it. For paving and sidewalks.

32 13 43 00-0002	SF	6" Thick Pervious Concrete Paving	10.75	
		Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.		
		For >5000 To 30000, Deduct	*-1.21*	
		For >30000 To 100000, Deduct	*-2.28*	
		For >100000, Deduct	*-2.83*	
32 13 43 00-0003	SF	9" Thick Pervious Concrete Paving	13.24	
		Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.		
		For >5000 To 30000, Deduct	*-1.45*	
		For >30000 To 100000, Deduct	*-2.71*	
		For >100000, Deduct	*-3.36*	

32 13 73 Concrete Paving Joint Sealants *(32 13)*

32 13 73 00-0001 Concrete Pavement Joint And Crack Repair *(32 13 73)*

Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.

32 13 73 00-0002	LF	Pavement Sealing, Roads Resealing Joints In Concrete Pavements For Roads	6.66	
32 13 73 00-0003	LF	Joint Sealing, Concrete Pavement Preformed Elastomeric	9.83	

32 14 Unit Paving *(32 10)*

32 14 09 Paver Restraints *(32 14)*

32 14 09 00-0001 Paver Restraints *(32 14 09)*

Note: Paver restraints are used along the edge of a group of pavers as a locking border. Flexible or rigid sections. Includes stakes and connecting devices. Excludes pavers, bedding, excavation, base course and compaction.

32 14 09 00-0002	LF	Up To 2" Height, Vinyl Paver Restraint	2.82	0.77
		For >1000 To 2000, Deduct	*-0.35*	
		For >2000 To 4000, Deduct	*-0.51*	
		For >4000, Deduct	*-0.65*	
32 14 09 00-0003	LF	Up To 2" Height, Galvanized Steel Paver Restraint	3.04	0.77
		For >500 To 1000, Deduct	*-0.09*	
		For >1000 To 2000, Deduct	*-0.18*	
		For >2000, Deduct	*-0.27*	
32 14 09 00-0004	LF	Up To 1" Height, Aluminum Paver Restraint	2.93	0.77
		For >250 To 500, Deduct	*-0.17*	
		For >500 To 1000, Deduct	*-0.25*	
		For >1000 To 1500, Deduct	*-0.42*	
32 14 09 00-0005	LF	>1" To 2" Height, Aluminum Paver Restraint	3.40	0.77
		For >250 To 500, Deduct	*-0.22*	
		For >500 To 1000, Deduct	*-0.32*	
		For >1000 To 1500, Deduct	*-0.54*	
32 14 09 00-0006	LF	>2" To 3" Height, Aluminum Paver Restraint	4.31	0.77
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 1000, Deduct	*-0.46*	
		For >1000 To 1500, Deduct	*-0.77*	
32 14 09 00-0007	LF	>3" To 4" Height, Aluminum Paver Restraint	5.01	0.77
		For >250 To 500, Deduct	*-0.38*	
		For >500 To 1000, Deduct	*-0.57*	
		For >1000 To 1500, Deduct	*-0.94*	

32 14 11 Bedding For Unit Paving *(32 14)*

32 14 11 00-0001 Bedding For Brick, Precast Concrete Paver And Stone Sidewalk *(32 14 11)*

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. See CSI section 01 74 19 00-0030 for hauling greater than 15 miles.

32 14 11 00-0002	SF	1" To 2" Sand Bedding, Screeded	0.78	
		For Up To 100, Add	*0.34*	
		For >100 To 500, Add	*0.10*	
		For >1000 To 5000, Deduct	*-0.06*	
		For >5000, Deduct	*-0.09*	
32 14 11 00-0003	SF	1" To 2" Stone Dust Bedding, Screeded	0.94	
		For Up To 100, Add	*0.38*	
		For >100 To 500, Add	*0.11*	
		For >1000 To 5000, Deduct	*-0.06*	
		For >5000, Deduct	*-0.10*	
32 14 11 00-0004	SF	3" Stone Dust Bedding, Screeded	1.22	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.13*	
		For >1000 To 5000, Deduct	*-0.07*	
		For >5000, Deduct	*-0.12*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 11 00-0005	SF	4" Stone Dust Bedding, Screeded	1.54	
		For Up To 100, Add	*0.59*	
		For >100 To 500, Add	*0.16*	
		For >1000 To 5000, Deduct	*-0.08*	
		For >5000, Deduct	*-0.14*	
32 14 11 00-0006	SF	1" Mortar Bedding	2.33	
		For Up To 100, Add	*1.05*	
		For >100 To 500, Add	*0.30*	
		For >1000 To 5000, Deduct	*-0.19*	
		For >5000, Deduct	*-0.30*	
32 14 11 00-0007	SF	2" Mortar Bedding	3.40	
		For Up To 100, Add	*1.48*	
		For >100 To 500, Add	*0.42*	
		For >1000 To 5000, Deduct	*-0.25*	
		For >5000, Deduct	*-0.40*	
32 14 11 00-0008	SF	Thin-Set Latex Portland Cement Mortar	1.18	
		For Up To 100, Add	*0.55*	
		For >100 To 500, Add	*0.16*	
		For >1000 To 5000, Deduct	*-0.10*	
		For >5000, Deduct	*-0.16*	

32 14 13 Precast Concrete Unit Paving *(32 14)*

32 14 13 16 Pressed Precast Concrete Unit Paving *(32 14 13)*

32 14 13 16-0001 Precast Concrete Paver Sidewalk *(32 14 13 16)*

Note: Square, rectangular, or interlocking pavers. Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 16 00-0014 for base course.

32 14 13 16-0002	SF	2-3/8" Thick, Up To 32 SI Precast Concrete Paver	8.32	2.34
		Note: Includes 2-1/2" x 5", 4" x 4", 4" x 6", 5" x 5", 4" x 8" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	*0.78*	
		For 3-1/8" Concrete Paver, Add	*1.26*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.65*	
		For Up To 100, Add	*3.26*	
		For >100 To 500, Add	*0.89*	
		For >1000 To 5000, Deduct	*-0.47*	
		For >5000, Deduct	*-0.81*	
32 14 13 16-0003	SF	2-3/8" Thick, >32 to 64 SI Precast Concrete Paver	7.89	2.14
		Note: Includes 5" x 7", 6" x 6", 8" x 8" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	*0.76*	
		For 3-1/8" Concrete Paver, Add	*1.22*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.61*	
		For Up To 100, Add	*3.04*	
		For >100 To 500, Add	*0.82*	
		For >1000 To 5000, Deduct	*-0.43*	
		For >5000, Deduct	*-0.75*	
32 14 13 16-0004	SF	2-3/8" Thick, >64 to 144 SI Precast Concrete Paver	7.50	1.70
		Note: Includes 6" x 12", 12" x 12" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	*0.74*	
		For 3-1/8" Concrete Paver, Add	*1.19*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.57*	
		For Up To 100, Add	*2.85*	
		For >100 To 500, Add	*0.76*	
		For >1000 To 5000, Deduct	*-0.39*	
		For >5000, Deduct	*-0.69*	
32 14 13 16-0005	SF	2-3/8" Thick, >144 SI Precast Concrete Paver	7.15	1.77
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	*0.72*	
		For 3-1/8" Concrete Paver, Add	*1.17*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.53*	
		For Up To 100, Add	*2.67*	
		For >100 To 500, Add	*0.71*	
		For >1000 To 5000, Deduct	*-0.35*	
		For >5000, Deduct	*-0.64*	
32 14 13 16-0006	SF	2-3/8" Thick, Precast Concrete Paver, Combinations And Patterns	7.69	2.04
		Note: Patterns made by combining pavers from two or more size groups.		
		For 2-3/4" Concrete Paver, Add	*0.75*	
		For 3-1/8" Concrete Paver, Add	*1.21*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.59*	
		For Up To 100, Add	*2.94*	
		For >100 To 500, Add	*0.79*	
		For >1000 To 5000, Deduct	*-0.41*	
		For >5000, Deduct	*-0.72*	

32 14 16 Brick Unit Paving *(32 14)*

32 14 16 00-0001 Brick Paver Sidewalk *(32 14 16)*

Note: Includes sand joints. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 16 00-0014 for base course.

32 14 16 00-0002	SF	4" x 8" x 2-1/4" Brick Paver, Laid Flat	8.92	2.34
		For 1-3/8" Thick Paver, Deduct	*-1.71*	
		For 2-3/4" Thick Paver (Vehicular), Add	*3.83*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.68*	
		For Up To 100, Add	*3.41*	
		For >100 To 500, Add	*0.92*	
		For >1000 To 5000, Deduct	*-0.47*	
		For >5000, Deduct	*-0.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 16 00-0003	SF	4" x 8" x 2-1/4" Brick, Laid On Edge	12.83	2.68
		For 1-3/8" Thick Paver, Deduct	*-2.89*	
		For 2-3/4" Thick Paver (Vehicular), Add	*6.65*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.91*	
		For Up To 100, Add	*4.55*	
		For >100 To 500, Add	*1.18*	
		For >1000 To 5000, Deduct	*-0.54*	
		For >5000, Deduct	*-1.03*	

32 14 40 Stone Paving *(32 14)*

32 14 40 00-0001 Slate Paver Sidewalk *(32 14 40)*

Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 16 00-0014 for base course, 32 14 11 00-0001 for bedding.

32 14 40 00-0002	SF	1" Thick, Up to 54 SI Slate Paver	14.87	1.95
		Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.94*	
		For Up To 100, Add	*4.69*	
		For >100 To 500, Add	*1.13*	
		For >1000 To 5000, Deduct	*-0.39*	
		For >5000, Deduct	*-0.91*	
		For 1/4" Thick Paver, Deduct	*-8.00*	
		For 1/2" Thick Paver, Deduct	*-5.63*	
32 14 40 00-0003	SF	1" Thick, >54 to 108 SI Slate Paver	14.52	1.77
		Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.90*	
		For Up To 100, Add	*4.52*	
		For >100 To 500, Add	*1.08*	
		For >1000 To 5000, Deduct	*-0.35*	
		For >5000, Deduct	*-0.86*	
		For 1/4" Thick Paver, Deduct	*-7.91*	
		For 1/2" Thick Paver, Deduct	*-5.58*	
32 14 40 00-0004	SF	1" Thick, >108 to 216 SI Slate Paver	13.90	1.46
		Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.84*	
		For Up To 100, Add	*4.21*	
		For >100 To 500, Add	*0.99*	
		For >1000 To 5000, Deduct	*-0.29*	
		For >5000, Deduct	*-0.77*	
		For 1/4" Thick Paver, Deduct	*-7.76*	
		For 1/2" Thick Paver, Deduct	*-5.49*	
32 14 40 00-0005	SF	1" Thick, >216 SI Slate Paver	13.64	1.33
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.82*	
		For Up To 100, Add	*4.08*	
		For >100 To 500, Add	*0.95*	
		For >1000 To 5000, Deduct	*-0.27*	
		For >5000, Deduct	*-0.73*	
		For 1/4" Thick Paver, Deduct	*-7.69*	
		For 1/2" Thick Paver, Deduct	*-5.45*	
32 14 40 00-0006	SF	1" Thick, Slate Paver, Combinations And Patterns	14.18	1.60
		Note: Patterns made by combining pavers from two or more size groups.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.87*	
		For Up To 100, Add	*4.35*	
		For >100 To 500, Add	*1.03*	
		For >1000 To 5000, Deduct	*-0.32*	
		For >5000, Deduct	*-0.81*	
		For 1/4" Thick Paver, Deduct	*-7.83*	
		For 1/2" Thick Paver, Deduct	*-5.53*	

32 14 40 00-0007 Granite Paver Sidewalk *(32 14 40)*

Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 16 00-0014 for base course, 32 14 11 00-0001 for bedding.

32 14 40 00-0008	SF	1" Thick, Up to 54 SI Granite Paver	17.20	1.95
		Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.05*	
		For 2" Granite Paver, Add	*0.86*	
		For 3" Granite Paver, Add	*1.72*	
		For 4" Granite Paver, Add	*1.91*	
		For Up To 100, Add	*5.27*	
		For >100 To 500, Add	*1.25*	
		For >1000 To 5000, Deduct	*-0.39*	
		For >5000, Deduct	*-0.98*	
32 14 40 00-0009	SF	1" Thick, >54 to 108 SI Granite Paver	16.85	1.77
		Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.02*	
		For 2" Granite Paver, Add	*0.84*	
		For 3" Granite Paver, Add	*1.69*	
		For 4" Granite Paver, Add	*1.86*	
		For Up To 100, Add	*5.10*	
		For >100 To 500, Add	*1.20*	
		For >1000 To 5000, Deduct	*-0.35*	
		For >5000, Deduct	*-0.93*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 40 00-0010	SF	1" Thick, >108 to 216 SI Granite Paver	16.23	1.46
		Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.96*	
		For 2" Granite Paver, Add	*0.81*	
		For 3" Granite Paver, Add	*1.62*	
		For 4" Granite Paver, Add	*1.77*	
		For Up To 100, Add	*4.79*	
		For >100 To 500, Add	*1.10*	
		For >1000 To 5000, Deduct	*-0.29*	
		For >5000, Deduct	*-0.84*	
32 14 40 00-0011	SF	1" Thick, >216 SI Granite Paver	15.97	1.33
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.93*	
		For 2" Granite Paver, Add	*0.80*	
		For 3" Granite Paver, Add	*1.60*	
		For 4" Granite Paver, Add	*1.73*	
		For Up To 100, Add	*4.66*	
		For >100 To 500, Add	*1.06*	
		For >1000 To 5000, Deduct	*-0.27*	
		For >5000, Deduct	*-0.80*	
32 14 40 00-0012	SF	1" Thick, Granite Paver, Combinations And Patterns	16.51	1.60
		Note: Patterns made by combining pavers from two or more size groups.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.99*	
		For 2" Granite Paver, Add	*0.83*	
		For 3" Granite Paver, Add	*1.65*	
		For 4" Granite Paver, Add	*1.81*	
		For Up To 100, Add	*4.93*	
		For >100 To 500, Add	*1.15*	
		For >1000 To 5000, Deduct	*-0.32*	
		For >5000, Deduct	*-0.88*	

32 14 43 Porous Unit Paving *(32 14)*

32 14 43 00-0001 Turf Block *(32 14 43)*

Note: Grass grid, open-cell unit paver, geoblock.

32 14 43 00-0002	SF	3-1/8" Thick, Precast Concrete Turf Block	7.28	2.04
		For Up To 100, Add	*2.84*	
		For >100 To 500, Add	*0.77*	
		For >1000 To 5000, Deduct	*-0.41*	
		For >5000, Deduct	*-0.71*	
32 14 43 00-0003	SF	4" Thick Recycled PVC Plastic Turf Block	10.43	2.04
		For Up To 100, Add	*3.63*	
		For >100 To 500, Add	*0.93*	
		For >1000 To 5000, Deduct	*-0.41*	
		For >5000, Deduct	*-0.80*	

32 15 Aggregate Surfacing *(32 10)*

32 15 40 Crushed Stone Surfacing *(32 15)*

Note: Includes delivery up to 15 miles from supplier, placement, rolling and compaction water. See CSI section 01 74 19 00-0030 for hauling greater than 15 miles.

32 15 40 00-0001	CY	Gravel Surfacing And Spreading	61.61
32 15 40 00-0002	CY	Limestone Screenings For Trail	38.53

32 16 Curbs, Gutters, Sidewalks, And Driveways *(32 10)*

32 16 13 Curbs And Gutters *(32 16)*

Note: Includes transitions. Demolition Includes two saw cuts (each end) of curbs and gutters for lengths up to 100'. See CSI section 02 41 19 13-0001 for additional saw cuts within the 100'.

32 16 13 13 Cast-In-Place Concrete Curbs And Gutters *(32 16 13)*

Note: Includes concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0001 Curb And Gutter Combined, Cast In Place *(32 16 13 13)*

Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.

32 16 13 13-0002	LF	6" x 12" Concrete Gutter With 6" Curb And Face - Straight	19.52	9.03
		For Up To 20, Add	*13.29*	
		For >20 To 50, Add	*7.44*	
		For >50 To 100, Add	*2.93*	
		For >500 To 1,000, Deduct	*-2.56*	
		For >1,000, Deduct	*-4.32*	
		For Rolled Curb And Gutter	*1.38*	
		For Integral Colors, Add	*0.09*	
		Note: Modifier quantity = task quantity x LB/CY color added.		
32 16 13 13-0003	LF	6" x 12" Concrete Gutter With 6" Curb And Face - Radius	21.32	12.04
		For Up To 20, Add	*14.52*	
		For >20 To 50, Add	*8.13*	
		For >50 To 100, Add	*3.20*	
		For >500 To 1,000, Deduct	*-2.80*	
		For >1,000, Deduct	*-4.73*	
		For Rolled Curb And Gutter	*1.51*	
		For Integral Colors, Add	*0.10*	
		Note: Modifier quantity = task quantity x LB/CY color added.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0004	LF	6" x 18" Concrete Gutter With 6" Curb And Face - Straight	24.83	10.01
		For Up To 20, Add	*16.89*	
		For >20 To 50, Add	*9.44*	
		For >50 To 100, Add	*3.72*	
		For >500 To 1,000, Deduct	*-3.24*	
		For >1,000, Deduct	*-5.47*	
		For Rolled Curb And Gutter	*1.73*	
		For Integral Colors, Add	*0.12*	
		Note: Modifier quantity = task quantity x LB/CY color added.		
32 16 13 13-0005	LF	6" x 18" Concrete Gutter With 6" Curb And Face - Radius	27.47	11.14
		For Up To 20, Add	*18.70*	
		For >20 To 50, Add	*10.46*	
		For >50 To 100, Add	*4.12*	
		For >500 To 1,000, Deduct	*-3.59*	
		For >1,000, Deduct	*-6.08*	
		For Rolled Curb And Gutter	*1.93*	
		For Integral Colors, Add	*0.13*	
		Note: Modifier quantity = task quantity x LB/CY color added.		
32 16 13 13-0006	LF	6" x 24" Concrete Gutter With 6" Curb And Face - Straight	30.15	12.04
		For Up To 20, Add	*20.50*	
		For >20 To 50, Add	*11.45*	
		For >50 To 100, Add	*4.52*	
		For >500 To 1,000, Deduct	*-3.92*	
		For >1,000, Deduct	*-6.63*	
		For Rolled Curb And Gutter	*2.07*	
		For Integral Colors, Add	*0.15*	
		Note: Modifier quantity = task quantity x LB/CY color added.		
32 16 13 13-0007	LF	6" x 24" Concrete Gutter With 6" Curb And Face - Radius	33.63	13.54
		For Up To 20, Add	*22.89*	
		For >20 To 50, Add	*12.80*	
		For >50 To 100, Add	*5.04*	
		For >500 To 1,000, Deduct	*-4.39*	
		For >1,000, Deduct	*-7.43*	
		For Rolled Curb And Gutter	*2.35*	
		For Integral Colors, Add	*0.16*	
		Note: Modifier quantity = task quantity x LB/CY color added.		
32 16 13 13-0008	LF	6" x 30" Concrete Gutter With 6" Curb And Face - Straight	35.84	14.29
		For Up To 20, Add	*24.36*	
		For >20 To 50, Add	*13.61*	
		For >50 To 100, Add	*5.38*	
		For >500 To 1,000, Deduct	*-4.65*	
		For >1,000, Deduct	*-7.87*	
		For Rolled Curb And Gutter	*2.46*	
		For Integral Colors, Add	*0.17*	
		Note: Modifier quantity = task quantity x LB/CY color added.		
32 16 13 13-0009	LF	6" x 30" Concrete Gutter With 6" Curb And Face - Radius	39.42	15.81
		For Up To 20, Add	*26.81*	
		For >20 To 50, Add	*14.99*	
		For >50 To 100, Add	*5.91*	
		For >500 To 1,000, Deduct	*-5.13*	
		For >1,000, Deduct	*-8.68*	
		For Rolled Curb And Gutter	*2.73*	
		For Integral Colors, Add	*0.19*	
		Note: Modifier quantity = task quantity x LB/CY color added.		
32 16 13 13-0010	LF	6" x 36" Concrete Gutter With 6" Curb And Face - Straight	41.53	16.56
		For Up To 20, Add	*28.23*	
		For >20 To 50, Add	*15.77*	
		For >50 To 100, Add	*6.23*	
		For >500 To 1,000, Deduct	*-5.39*	
		For >1,000, Deduct	*-9.12*	
		For Rolled Curb And Gutter	*2.85*	
		For Integral Colors, Add	*0.20*	
		Note: Modifier quantity = task quantity x LB/CY color added.		
32 16 13 13-0011	LF	6" x 36" Concrete Gutter With 6" Curb And Face - Radius	45.20	18.07
		For Up To 20, Add	*30.73*	
		For >20 To 50, Add	*17.17*	
		For >50 To 100, Add	*6.78*	
		For >500 To 1,000, Deduct	*-5.87*	
		For >1,000, Deduct	*-9.94*	
		For Rolled Curb And Gutter	*3.11*	
		For Integral Colors, Add	*0.22*	
		Note: Modifier quantity = task quantity x LB/CY color added.		
32 16 13 13-0012	LF	6" x 42" Concrete Gutter With 6" Curb And Face - Straight	47.23	18.82
		For Up To 20, Add	*32.10*	
		For >20 To 50, Add	*17.93*	
		For >50 To 100, Add	*7.08*	
		For >500 To 1,000, Deduct	*-6.12*	
		For >1,000, Deduct	*-10.37*	
		For Rolled Curb And Gutter	*3.24*	
		For Integral Colors, Add	*0.23*	
		Note: Modifier quantity = task quantity x LB/CY color added.		
32 16 13 13-0013	LF	6" x 42" Concrete Gutter With 6" Curb And Face - Radius	52.49	21.08
		For Up To 20, Add	*35.71*	
		For >20 To 50, Add	*19.96*	
		For >50 To 100, Add	*7.87*	
		For >500 To 1,000, Deduct	*-6.84*	
		For >1,000, Deduct	*-11.57*	
		For Rolled Curb And Gutter	*3.64*	
		For Integral Colors, Add	*0.25*	
		Note: Modifier quantity = task quantity x LB/CY color added.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0014		Concrete Curb, Cast In Place *(32 16 13 13)*		
		Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.		
32 16 13 13-0015	LF	6" X 12" Cast In Place Concrete Curb	14.54	7.65
		For Up To 20, Add	*9.03*	
		For >20 To 50, Add	*5.13*	
		For >50 To 100, Add	*1.95*	
		For >500 To 1000, Deduct	*-1.95*	
		For >1000, Deduct	*-3.29*	
32 16 13 13-0016	LF	6" X 12" Cast In Place Concrete Curb - Radius	16.68	8.80
		For Up To 20, Add	*10.41*	
		For >20 To 50, Add	*5.91*	
		For >50 To 100, Add	*2.25*	
		For >500 To 1000, Deduct	*-2.25*	
		For >1000, Deduct	*-3.79*	
32 16 13 13-0017	LF	6" X 16" Cast In Place Concrete Curb	17.58	7.65
		For Up To 20, Add	*10.79*	
		For >20 To 50, Add	*6.12*	
		For >50 To 100, Add	*2.33*	
		For >500 To 1000, Deduct	*-2.33*	
		For >1000, Deduct	*-3.94*	
32 16 13 13-0018	LF	6" X 16" Cast In Place Concrete Curb - Radius	20.14	11.47
		For Up To 20, Add	*12.44*	
		For >20 To 50, Add	*7.06*	
		For >50 To 100, Add	*2.69*	
		For >500 To 1000, Deduct	*-2.69*	
		For >1000, Deduct	*-4.54*	
32 16 13 13-0019	LF	6" X 18" Cast In Place Concrete Curb	18.86	7.65
		For Up To 20, Add	*11.50*	
		For >20 To 50, Add	*6.52*	
		For >50 To 100, Add	*2.49*	
		For >500 To 1000, Deduct	*-2.49*	
		For >1000, Deduct	*-4.21*	
32 16 13 13-0020	LF	6" X 18" Cast In Place Concrete Curb - Radius	21.33	8.80
		For Up To 20, Add	*13.06*	
		For >20 To 50, Add	*7.41*	
		For >50 To 100, Add	*2.83*	
		For >500 To 1000, Deduct	*-2.83*	
		For >1000, Deduct	*-4.77*	
32 16 13 13-0021	LF	6" X 24" Cast In Place Concrete Curb	21.57	8.42
		For Up To 20, Add	*12.81*	
		For >20 To 50, Add	*7.26*	
		For >50 To 100, Add	*2.78*	
		For >500 To 1000, Deduct	*-2.78*	
		For >1000, Deduct	*-4.71*	
32 16 13 13-0022	LF	6" X 24" Cast In Place Concrete Curb - Radius	24.14	9.56
		For Up To 20, Add	*14.39*	
		For >20 To 50, Add	*8.15*	
		For >50 To 100, Add	*3.12*	
		For >500 To 1000, Deduct	*-3.12*	
		For >1000, Deduct	*-5.28*	
32 16 13 13-0023	LF	12" X 24" Cast In Place Concrete Curb	27.96	9.56
		For Up To 20, Add	*15.15*	
		For >20 To 50, Add	*8.53*	
		For >50 To 100, Add	*3.31*	
		For >500 To 1000, Deduct	*-3.31*	
		For >1000, Deduct	*-5.66*	
32 16 13 13-0024	LF	12" X 24" Cast In Place Concrete Curb - Radius	31.14	10.71
		For Up To 20, Add	*16.93*	
		For >20 To 50, Add	*9.54*	
		For >50 To 100, Add	*3.70*	
		For >500 To 1000, Deduct	*-3.70*	
		For >1000, Deduct	*-6.33*	
32 16 13 13-0025	EA	Additional Finish For Handicap Drop Section In Curb	57.37	

32 16 13 14 Machine Formed, Slip Form Curbs *(32 16 13)*

Note: Includes delivered concrete, steel, expansion joints and finish.

32 16 13 14-0001		Curbs, Machine Formed, Slip Form *(32 16 13 14)*		
		Note: Includes delivered concrete, steel, expansion joints and finish.		
32 16 13 14-0002	JOB	Machine Formed Curb Minimum Set-Up Charge	1,037.63	
		Note: For projects where the total curbing charge is less than the minimum set-up charge, use this task exclusively. This task shall not be used in conjunction with any other tasks in this section.		
32 16 13 14-0003	LF	6" x 12" Straight Curb, Machine Formed	8.88	
32 16 13 14-0004	LF	6" x 12" Curved Curb, Machine Formed	12.06	
32 16 13 14-0005	LF	6" x 18" Straight Curb, Machine Formed	11.73	
32 16 13 14-0006	LF	6" x 18" Curved Curb, Machine Formed	15.48	

32 16 13 16 Steel Faced Curbs *(32 16 13)*

Note: Fabrication includes handicap and other curb access cuts.

32 16 13 16-0001	LF	3" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	13.23	4.01
		For Curved Section, Add	*2.82*	
32 16 13 16-0002	LF	4" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	14.55	4.56
		For Curved Section, Add	*3.17*	
32 16 13 16-0003	LF	6" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	19.76	5.10
		For Curved Section, Add	*3.90*	
32 16 13 16-0004	LF	8" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	24.34	5.75
		For Curved Section, Add	*4.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 16-0005	LF	10" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	29.87	6.29
		For Curved Section, Add	*5.34*	
32 16 13 16-0006	LF	12" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	39.08	8.02
		For Curved Section, Add	*6.90*	
32 16 13 16-0007	LF	13" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	44.91	10.39
		For Curved Section, Add	*8.37*	
32 16 13 16-0008	EA	Sidewalk/Curb Steel Facing, Pedestrian Ramps, Two Drops Per Section	141.96	

32 16 13 19 Cast-In-Place Concrete Gutter Valley *(32 16 13)*

32 16 13 19-0001 Valley Gutter, Cast In Place *(32 16 13 19)*

Note: Includes concrete, forms, rebar, expansion joints, finish and curing.

32 16 13 19-0002	LF	2' Wide Valley Gutter, 6" Thick	19.24	
		For Up To 20, Add	*9.75*	
		For >20 To 50, Add	*5.46*	
		For >50 To 100, Add	*2.14*	
		For >500 To 1000, Deduct	*-2.14*	
		For >1000, Deduct	*-3.69*	
32 16 13 19-0003	LF	2-1/2' Wide Valley Gutter, 6" Thick	23.52	
		For Up To 20, Add	*11.81*	
		For >20 To 50, Add	*6.62*	
		For >50 To 100, Add	*2.60*	
		For >500 To 1000, Deduct	*-2.60*	
		For >1000, Deduct	*-4.49*	
32 16 13 19-0004	LF	3' Wide Valley Gutter, 6" Thick	27.74	
		For Up To 20, Add	*13.83*	
		For >20 To 50, Add	*7.75*	
		For >50 To 100, Add	*3.04*	
		For >500 To 1000, Deduct	*-3.04*	
		For >1000, Deduct	*-5.26*	
32 16 13 19-0005	LF	3-1/2' Wide Valley Gutter, 6" Thick	31.94	
		For Up To 20, Add	*15.84*	
		For >20 To 50, Add	*8.87*	
		For >50 To 100, Add	*3.49*	
		For >500 To 1000, Deduct	*-3.49*	
		For >1000, Deduct	*-6.03*	
32 16 13 19-0006	LF	4' Wide Valley Gutter, 6" Thick	36.14	
		For Up To 20, Add	*17.85*	
		For >20 To 50, Add	*9.99*	
		For >50 To 100, Add	*3.93*	
		For >500 To 1000, Deduct	*-3.93*	
		For >1000, Deduct	*-6.80*	
32 16 13 19-0007	LF	2' Wide Valley Gutter, 8" Thick	21.33	
		For Up To 20, Add	*10.82*	
		For >20 To 50, Add	*6.06*	
		For >50 To 100, Add	*2.38*	
		For >500 To 1000, Deduct	*-2.38*	
		For >1000, Deduct	*-4.10*	
32 16 13 19-0008	LF	2-1/2' Wide Valley Gutter, 8" Thick	26.07	
		For Up To 20, Add	*13.11*	
		For >20 To 50, Add	*7.34*	
		For >50 To 100, Add	*2.88*	
		For >500 To 1000, Deduct	*-2.88*	
		For >1000, Deduct	*-4.98*	
32 16 13 19-0009	LF	3' Wide Valley Gutter, 8" Thick	30.74	
		For Up To 20, Add	*15.35*	
		For >20 To 50, Add	*8.59*	
		For >50 To 100, Add	*3.38*	
		For >500 To 1000, Deduct	*-3.38*	
		For >1000, Deduct	*-5.83*	
32 16 13 19-0010	LF	3-1/2' Wide Valley Gutter, 8" Thick	35.39	
		For Up To 20, Add	*17.58*	
		For >20 To 50, Add	*9.84*	
		For >50 To 100, Add	*3.87*	
		For >500 To 1000, Deduct	*-3.87*	
		For >1000, Deduct	*-6.69*	
32 16 13 19-0011	LF	4' Wide Valley Gutter, 8" Thick	40.06	
		For Up To 20, Add	*19.82*	
		For >20 To 50, Add	*11.09*	
		For >50 To 100, Add	*4.36*	
		For >500 To 1000, Deduct	*-4.36*	
		For >1000, Deduct	*-7.55*	

32 16 13 26 Precast Concrete Curbs And Gutters *(32 16 13)*

32 16 13 26-0001 Precast Concrete Curb *(32 16 13 26)*

32 16 13 26-0002	LF	6" X 18" Precast Concrete Curb	30.72	7.44
32 16 13 26-0003	LF	6" X 18" Precast Concrete Curb, Radius	36.59	8.56

32 16 13 33 Asphalt Curbs *(32 16 13)*

32 16 13 33-0001 Asphalt Curbs *(32 16 13 33)*

32 16 13 33-0002	LF	6" Wide x 6" High Asphalt Curb 64 LF/TON, Bituminous, Plain	12.00	4.11
32 16 13 33-0003	LF	8" Wide x 6" High Asphalt Curb 50 LF/TON, Bituminous, Plain	13.24	4.56
32 16 13 33-0004	LF	8" Wide x 8" High Asphalt Curb 44 LF/TON, Bituminous, Plain	14.73	5.02

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 43		**Stone Curbs** *(32 16 13)*		
32 16 13 43-0001		Granite Curbs *(32 16 13 43)*		
32 16 13 43-0002		Split Face Granite Curbs *(32 16 13 43-0001)*		
32 16 13 43-0003	LF	4" To 5" x 12" To 14" Split Face Granite Curb, Straight Section	20.54	6.69
		For Up To 20, Add	*8.58*	
		For >20 To 50, Add	*4.74*	
		For >50 To 100, Add	*1.92*	
		For >500 To 1000, Deduct	*-1.92*	
		For >1000, Deduct	*-3.40*	
32 16 13 43-0004	LF	6" To 8" x 12" To 14" Split Face Granite Curb, Straight Section	24.24	7.31
		For Up To 20, Add	*9.71*	
		For >20 To 50, Add	*5.34*	
		For >50 To 100, Add	*2.18*	
		For >500 To 1000, Deduct	*-2.18*	
		For >1000, Deduct	*-3.88*	
32 16 13 43-0005	LF	4" To 5" x 16" To 18" Split Face Granite Curb, Straight Section	26.74	7.85
		For Up To 20, Add	*10.57*	
		For >20 To 50, Add	*5.81*	
		For >50 To 100, Add	*2.38*	
		For >500 To 1000, Deduct	*-2.38*	
		For >1000, Deduct	*-4.24*	
32 16 13 43-0006	LF	6" To 8" x 16" To 18" Split Face Granite Curb, Straight Section	31.61	8.47
		For Up To 20, Add	*11.93*	
		For >20 To 50, Add	*6.53*	
		For >50 To 100, Add	*2.70*	
		For >500 To 1000, Deduct	*-2.70*	
		For >1000, Deduct	*-4.84*	
32 16 13 43-0007	LF	4" To 5" x 12" To 14" Split Face Granite Curb, Curved Section	25.27	7.31
		For Up To 20, Add	*9.89*	
		For >20 To 50, Add	*5.43*	
		For >50 To 100, Add	*2.23*	
		For >500 To 1000, Deduct	*-2.23*	
		For >1000, Deduct	*-3.98*	
32 16 13 43-0008	LF	6" To 8" x 12" To 14" Split Face Granite Curb, Curved Section	28.97	7.85
		For Up To 20, Add	*11.02*	
		For >20 To 50, Add	*6.03*	
		For >50 To 100, Add	*2.49*	
		For >500 To 1000, Deduct	*-2.49*	
		For >1000, Deduct	*-4.46*	
32 16 13 43-0009	LF	4" To 5" x 16" To 18" Split Face Granite Curb, Curved Section	31.52	8.47
		For Up To 20, Add	*11.92*	
		For >20 To 50, Add	*6.52*	
		For >50 To 100, Add	*2.70*	
		For >500 To 1000, Deduct	*-2.70*	
		For >1000, Deduct	*-4.84*	
32 16 13 43-0010	LF	6" To 8" x 16" To 18" Split Face Granite Curb, Curved Section	36.39	9.03
		For Up To 20, Add	*13.28*	
		For >20 To 50, Add	*7.24*	
		For >50 To 100, Add	*3.02*	
		For >500 To 1000, Deduct	*-3.02*	
		For >1000, Deduct	*-5.44*	
32 16 13 43-0011		Sawn Face Granite Curbs *(32 16 13 43-0001)*		
32 16 13 43-0012	LF	4" To 5" x 12" To 14" Sawn Face Granite Curb, Straight Section	20.54	6.69
		For Up To 20, Add	*8.58*	
		For >20 To 50, Add	*4.74*	
		For >50 To 100, Add	*1.92*	
		For >500 To 1000, Deduct	*-1.92*	
		For >1000, Deduct	*-3.40*	
32 16 13 43-0013	LF	6" To 8" x 12" To 14" Sawn Face Granite Curb, Straight Section	24.24	7.31
		For Up To 20, Add	*9.71*	
		For >20 To 50, Add	*5.34*	
		For >50 To 100, Add	*2.18*	
		For >500 To 1000, Deduct	*-2.18*	
		For >1000, Deduct	*-3.88*	
32 16 13 43-0014	LF	4" To 5" x 16" To 18" Sawn Face Granite Curb, Straight Section	26.79	7.85
		For Up To 20, Add	*10.61*	
		For >20 To 50, Add	*5.83*	
		For >50 To 100, Add	*2.39*	
		For >500 To 1000, Deduct	*-2.39*	
		For >1000, Deduct	*-4.25*	
32 16 13 43-0015	LF	6" To 8" x 16" To 18" Sawn Face Granite Curb, Straight Section	31.67	8.47
		For Up To 20, Add	*11.97*	
		For >20 To 50, Add	*6.55*	
		For >50 To 100, Add	*2.71*	
		For >500 To 1000, Deduct	*-2.71*	
		For >1000, Deduct	*-4.86*	
32 16 13 43-0016	LF	4" To 5" x 12" To 14" Sawn Face Granite Curb, Curved Section	28.54	7.31
		For Up To 20, Add	*10.57*	
		For >20 To 50, Add	*5.77*	
		For >50 To 100, Add	*2.40*	
		For >500 To 1000, Deduct	*-2.40*	
		For >1000, Deduct	*-4.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 43-0017	LF	6" To 8" x 12" To 14" Sawn Face Granite Curb, Curved Section	34.06	7.85
		For Up To 20, Add	*12.06*	
		For >20 To 50, Add	*6.56*	
		For >50 To 100, Add	*2.75*	
		For >500 To 1000, Deduct	*-2.75*	
		For >1000, Deduct	*-4.98*	
32 16 13 43-0018	LF	4" To 5" x 16" To 18" Sawn Face Granite Curb, Curved Section	37.72	8.47
		For Up To 20, Add	*13.18*	
		For >20 To 50, Add	*7.16*	
		For >50 To 100, Add	*3.01*	
		For >500 To 1000, Deduct	*-3.01*	
		For >1000, Deduct	*-5.46*	
32 16 13 43-0019	LF	6" To 8" x 16" To 18" Sawn Face Granite Curb, Curved Section	45.15	9.03
		For Up To 20, Add	*15.06*	
		For >20 To 50, Add	*8.13*	
		For >50 To 100, Add	*3.46*	
		For >500 To 1000, Deduct	*-3.46*	
		For >1000, Deduct	*-6.32*	

32 16 13 43-0020 Granite Base And Curbs *(32 16 13 43-0001)*

32 16 13 43-0021	LF	4" High Granite Base	23.21	8.64
		For Up To 20, Add	*10.38*	
		For >20 To 50, Add	*5.77*	
		For >50 To 100, Add	*2.31*	
		For >500 To 1000, Deduct	*-2.31*	
		For >1000, Deduct	*-4.04*	
32 16 13 43-0022	LF	6" High Granite Base	27.33	11.32
		For Up To 20, Add	*13.00*	
		For >20 To 50, Add	*7.25*	
		For >50 To 100, Add	*2.87*	
		For >500 To 1000, Deduct	*-2.87*	
		For >1000, Deduct	*-4.99*	

32 16 13 43-0023 Remove And Reset Stone And Precast Curbing *(32 16 13 43)*

Note: Includes storage and cleaning.

32 16 13 43-0024	LF	Remove And Reset Stone Or Precast Curbing Note: Includes storage and cleaning.	25.67

32 16 23 Sidewalks *(32 16)*

32 16 23 00-0001 Cast In Place Concrete Sidewalk With Welded Wire Reinforcement *(32 16 23)*

Note: Includes finish grading, delivered concrete (up to 3500 PSI) by chute, formwork, 1/4" radius joints and edges, control joints, expansion joints, screed, float, broom finish, and curing. Excludes excavation, base, and base compaction. For bar or fiber reinforcing, use the modifier "For sidewalk without welded wire reinforcement" and add bar or fiber reinforcing. See CSI section 03 21 00 00-0000 for reinforcing steel, 03 21 11 00-0001 for reinforcing bar (when wire mesh is deducted), 03 21 11 00-0011 for additional reinforcing bar , 03 31 13 00-0085 for pumping with boom truck, 03 31 13 00-0094 for buggies, 03 31 13 00-0101 for short loads, 03 31 13 00-0103 for delivery fee, 31 00 00 00-0000 for excavation, 31 23 16 00-0000 for excavation, 32 11 16 00-0014 for base course.

32 16 23 00-0002	SF	4" Cast In Place Concrete Sidewalk With Welded Wire Reinforcement	7.27	
		For Up To 100, Add	*3.13*	
		For >100 To 500, Add	*0.89*	
		For >1000 To 5000, Deduct	*-0.53*	
		For >5000, Deduct	*-1.15*	
		For Sidewalk Without Welded Wire Reinforcement, Deduct	*-0.55*	
32 16 23 00-0003	SF	5" Cast In Place Concrete Sidewalk With Welded Wire Reinforcement	8.11	
		For Up To 100, Add	*3.49*	
		For >100 To 500, Add	*0.99*	
		For >1000 To 5000, Deduct	*-0.59*	
		For >5000, Deduct	*-1.28*	
		For Sidewalk Without Welded Wire Reinforcement, Deduct	*-0.60*	
32 16 23 00-0004	SF	6" Cast In Place Concrete Sidewalk With Welded Wire Reinforcement	9.26	
		For Up To 100, Add	*3.91*	
		For >100 To 500, Add	*1.10*	
		For >1000 To 5000, Deduct	*-0.64*	
		For >5000, Deduct	*-1.42*	
		For Sidewalk Without Welded Wire Reinforcement, Deduct	*-0.64*	
32 16 23 00-0005	SF	7" Cast In Place Concrete Sidewalk With Welded Wire Reinforcement	10.72	
		For Up To 100, Add	*4.43*	
		For >100 To 500, Add	*1.24*	
		For >1000 To 5000, Deduct	*-0.70*	
		For >5000, Deduct	*-1.59*	
		For Sidewalk Without Welded Wire Reinforcement, Deduct	*-0.69*	
32 16 23 00-0006	SF	8" Cast In Place Concrete Sidewalk With Welded Wire Reinforcement	11.62	
		For Up To 100, Add	*4.78*	
		For >100 To 500, Add	*1.33*	
		For >1000 To 5000, Deduct	*-0.75*	
		For >5000, Deduct	*-1.71*	
		For Sidewalk Without Welded Wire Reinforcement, Deduct	*-0.72*	
32 16 23 00-0007	SF	For Exposed Aggregate Finish In Sidewalk	1.76	
32 16 23 00-0008	EA	Finish Concrete Handicap Drop Section In Sidewalk Note: Excludes patterned (tactile) finish.	105.19	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 23 00-0009		Bituminous Sidewalk *(32 16 23)* Note: Includes finish grading, delivered asphalt, formwork, control joints, expansion joints, and compaction. Excludes excavation, base, and base compaction. See CSI section 31 00 00 00-0000 for excavation, 31 23 16 00-0000 for excavation, 32 11 16 00-0014 for base course.		
32 16 23 00-0010	SY	1" Bituminous Sidewalk	7.18	
		For Up To 100, Add	*2.66*	
		For >100 To 500, Add	*0.71*	
		For >1000 To 5000, Deduct	*-0.35*	
		For >5000, Deduct	*-0.71*	
32 16 23 00-0011	SY	1-1/2" Bituminous Sidewalk	9.03	
		For Up To 100, Add	*3.30*	
		For >100 To 500, Add	*0.87*	
		For >1000 To 5000, Deduct	*-0.42*	
		For >5000, Deduct	*-0.87*	
32 16 23 00-0012	SY	2" Bituminous Sidewalk	12.56	
		For Up To 100, Add	*4.43*	
		For >100 To 500, Add	*1.14*	
		For >1000 To 5000, Deduct	*-0.52*	
		For >5000, Deduct	*-1.14*	
32 16 23 00-0013	SY	2-1/2" Bituminous Sidewalk	15.71	
		For Up To 100, Add	*5.53*	
		For >100 To 500, Add	*1.43*	
		For >1000 To 5000, Deduct	*-0.64*	
		For >5000, Deduct	*-1.43*	
32 16 23 00-0014	SY	3" Bituminous Sidewalk	18.11	
		For Up To 100, Add	*6.26*	
		For >100 To 500, Add	*1.60*	
		For >1000 To 5000, Deduct	*-0.69*	
		For >5000, Deduct	*-1.60*	
32 16 23 00-0015	SY	3-1/2" Bituminous Sidewalk	20.96	
		For Up To 100, Add	*7.15*	
		For >100 To 500, Add	*1.81*	
		For >1000 To 5000, Deduct	*-0.76*	
		For >5000, Deduct	*-1.81*	

32 17 Paving Specialties *(32 10)*

32 17 13 Parking Bumpers *(32 17)*

Note: Includes dowels set.

32 17 13 16 Plastic Parking Bumpers *(32 17 13)*

32 17 13 16-0001	EA	4" x 6" x 4' Wheel Stop, Recycled Plastic	56.57	5.52
32 17 13 16-0002	EA	4" x 6" x 6' Wheel Stop, Recycled Plastic	63.13	5.52

32 17 13 19 Precast Concrete Parking Bumpers *(32 17 13)*

32 17 13 19-0001	LF	12" x 6" Precast Concrete Barrier With Dowels	51.60	1.33
32 17 13 19-0002	EA	6" x 8" x 4' Precast Concrete Wheel Stop	41.10	16.61
32 17 13 19-0003	EA	6" x 6" x 6' Precast Concrete Wheel Stop	47.62	16.61
32 17 13 19-0004	EA	6" x 8" x 6' Precast Concrete Wheel Stop	48.60	16.61
32 17 13 19-0005	EA	6" x 10" x 6' Precast Concrete Wheel Stop	50.63	16.61
32 17 13 19-0006	EA	8" x 4-1/2" x 6' Precast Concrete Wheel Stop	47.62	16.61
32 17 13 19-0007	EA	8" x 13" x 6' Precast Concrete Wheel Stop	58.77	16.61

32 17 13 23 Rubber Parking Bumpers *(32 17 13)*

32 17 13 23-0001	EA	3' Rubber Bumper Wheel Stop	26.15	5.52
32 17 13 23-0002	EA	4' Rubber Bumper Wheel Stop	30.83	5.52
32 17 13 23-0003	EA	5' Rubber Bumper Wheel Stop	32.70	5.52
32 17 13 23-0004	EA	6' Rubber Bumper Wheel Stop	35.51	5.52

32 17 13 26 Wood Parking Bumpers *(32 17 13)*

32 17 13 26-0001	LF	4" x 4" Timber Barrier With Saddles For Cars, Pressure Treated	7.63	1.33
32 17 13 26-0002	LF	6" x 6" Timber Barriers With Saddle For Trucks, Pressure Treated	9.92	1.33

32 17 13 33 Remove And Relocate Stops *(32 17 13)*

32 17 13 33-0001	EA	Remove And Relocate Precast Concrete Wheel Stop	26.56	
32 17 13 33-0002	EA	Remove And Relocate Plastic Or Wood Wheel Stop	17.27	

32 17 16 Speed Bumps *(32 17)*

32 17 16 00-0001		Speed Bumps *(32 17 16)* Note: Excludes pavement markings or reflectors.		
32 17 16 00-0002	LF	2-1/4" High x 10-1/2" Wide, Asphalt Speed Bump Note: Excludes striping.	28.14	1.38
32 17 16 00-0003	LF	2-1/4" High x 12" Wide, Recycled Rubber Speed Bump	26.14	0.92
32 17 16 00-0004	LF	2-5/8" High x 12" Wide, Recycled Plastic Speed Bump	35.97	0.92

32 17 23 Pavement Markings *(32 17)*

See CSI section 01 55 26 00-0000 for temporary markings and removable line mask tape.

32 17 23 11 Pavement Marking Mobilization *(32 17 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 11-0001		Mobilize Pavement Marking Crew And Equipment At New Location *(32 17 23 11)*		
32 17 23 11-0002	EA	Mobilize Pavement Marking Crew And Equipment At New Location	342.76	

32 17 23 13 Painted Pavement Markings *(32 17 23)*

32 17 23 13-0001 Painted Pavement Striping, Letters, Symbols And Markers For Roads *(32 17 23 13)*
Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.

32 17 23 13-0002 Alkyd/Solvent Based/Latex Reflective Pavement Marking *(32 17 23 13-0001)*
Note: 15 mil thickness.

32 17 23 13-0003	LF	Single 4" Wide Solid Line, Alkyd Reflective Pavement Striping	0.22	
		For Up To 1 Mile, Add	*0.04*	
		For >5 Miles, Deduct	*-0.03*	
		For Broken Line, Deduct	*-0.04*	
32 17 23 13-0004	LF	Single 6" Wide Solid Line, Alkyd Reflective Pavement Striping	0.28	
		For Up To 1 Mile, Add	*0.06*	
		For >5 Miles, Deduct	*-0.04*	
		For Broken Line, Deduct	*-0.05*	
32 17 23 13-0005	LF	Single 8" Wide Solid Line, Alkyd Reflective Pavement Striping	0.36	
		For Up To 1 Mile, Add	*0.07*	
		For >5 Miles, Deduct	*-0.05*	
		For Broken Line, Deduct	*-0.07*	
32 17 23 13-0006	LF	Single 12" Wide Solid Line, Alkyd Reflective Pavement Striping	0.48	
		For Up To 1 Mile, Add	*0.10*	
		For >5 Miles, Deduct	*-0.07*	
		For Broken Line, Deduct	*-0.11*	
32 17 23 13-0007	SF	>12" Wide Solid Line, Alkyd Reflective Pavement Striping	0.59	
32 17 23 13-0008	LF	Double 4" Wide Solid Lines, Alkyd Reflective Pavement Striping	0.26	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.04*	
		For Broken Line On One Side, Deduct	*-0.03*	
		For Double Broken Line, Deduct	*-0.07*	
32 17 23 13-0009	LF	Double 6" Wide Solid Lines, Alkyd Reflective Pavement Striping	0.35	
		For Up To 1 Mile, Add	*0.07*	
		For >5 Miles, Deduct	*-0.05*	
		For Broken Line On One Side, Deduct	*-0.05*	
		For Double Broken Line, Deduct	*-0.11*	
32 17 23 13-0010	EA	6" High, Letter/Number, Alkyd Reflective Pavement Striping	3.03	
		For <10, Add	*0.42*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 200, Deduct	*-0.28*	
		For >200, Deduct	*-0.56*	
32 17 23 13-0011	EA	12" High, Letter/Number, Alkyd Reflective Pavement Striping	5.05	
		For <10, Add	*0.64*	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 200, Deduct	*-0.42*	
		For >200, Deduct	*-0.85*	
32 17 23 13-0012	EA	24" High, Letter/Number, Alkyd Reflective Pavement Striping	8.45	
		For <10, Add	*1.06*	
		For >50 To 100, Deduct	*-0.53*	
		For >100 To 200, Deduct	*-0.70*	
		For >200, Deduct	*-1.41*	
32 17 23 13-0013	EA	36" High, Letter/Number, Alkyd Reflective Pavement Striping	16.58	
		For <10, Add	*2.11*	
		For >50 To 100, Deduct	*-1.06*	
		For >100 To 200, Deduct	*-1.41*	
		For >200, Deduct	*-2.82*	
32 17 23 13-0014	EA	48" High, Letter/Number, Alkyd Reflective Pavement Striping	19.02	
		For <10, Add	*2.37*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 200, Deduct	*-1.58*	
		For >200, Deduct	*-3.16*	
32 17 23 13-0015	EA	72" High, Letter/Number, Alkyd Reflective Pavement Striping	34.01	
		For <10, Add	*4.22*	
		For >50 To 100, Deduct	*-2.11*	
		For >100 To 200, Deduct	*-2.81*	
		For >200, Deduct	*-5.62*	
32 17 23 13-0016	EA	96" High, Letter/Number, Alkyd Reflective Pavement Striping	45.50	
		For <10, Add	*5.66*	
		For >50 To 100, Deduct	*-2.83*	
		For >100 To 200, Deduct	*-3.77*	
		For >200, Deduct	*-7.55*	
32 17 23 13-0017	EA	120" High, Letter/Number, Alkyd Reflective Pavement Striping	64.11	
		For <10, Add	*7.01*	
		For >50 To 100, Deduct	*-3.51*	
		For >100 To 200, Deduct	*-4.68*	
		For >200, Deduct	*-9.35*	
32 17 23 13-0018	SF	Letter/Number, Alkyd Reflective Pavement Marking	4.80	
32 17 23 13-0019	SF	Symbols, Alkyd Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	5.75	

32 17 23 13-0020 Pavement Marking (CALTRAN) *(32 17 23 13-0001)*
Note: Per LF of detail.

32 17 23 13-0021	LF	CALTRAN Detail 1 Centerline, Painted Reflective Pavement Striping	0.19	
		For Up To 1 Mile, Add	*0.04*	
		For >5 Miles, Deduct	*-0.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0022	LF	CALTRAN Detail 2 Centerline, Painted Reflective Pavement Striping	0.24	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.04*	
32 17 23 13-0023	LF	CALTRAN Detail 4 Centerline	0.44	
		For Up To 1 Mile, Add	*0.09*	
		For >5 Miles, Deduct	*-0.07*	
32 17 23 13-0024	LF	CALTRAN Detail 5 Centerline, Painted Reflective Pavement Striping	0.18	
		For Up To 1 Mile, Add	*0.04*	
		For >5 Miles, Deduct	*-0.03*	
32 17 23 13-0025	LF	CALTRAN Detail 6 Centerline, Painted Reflective Pavement Striping	17.19	
		For Up To 1 Mile, Add	*3.44*	
		For >5 Miles, Deduct	*-2.58*	
32 17 23 13-0026	LF	CALTRAN Detail 7 Centerline	0.30	
		For Up To 1 Mile, Add	*0.06*	
		For >5 Miles, Deduct	*-0.05*	
32 17 23 13-0027	LF	CALTRAN Detail 8 Lanelines, Painted Reflective Pavement Striping	0.19	
		For Up To 1 Mile, Add	*0.04*	
		For >5 Miles, Deduct	*-0.03*	
32 17 23 13-0028	LF	CALTRAN Detail 9 Lanelines, Painted Reflective Pavement Striping	0.24	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.04*	
32 17 23 13-0029	LF	CALTRAN Detail 10 Lanelines	0.44	
		For Up To 1 Mile, Add	*0.09*	
		For >5 Miles, Deduct	*-0.07*	
32 17 23 13-0030	LF	CALTRAN Detail 11 Lanelines, Painted Reflective Pavement Striping	0.18	
		For Up To 1 Mile, Add	*0.04*	
		For >5 Miles, Deduct	*-0.03*	
32 17 23 13-0031	LF	CALTRAN Detail 12 Lanelines, Painted Reflective Pavement Striping	0.24	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.04*	
32 17 23 13-0032	LF	CALTRAN Detail 13 Lanelines	0.30	
		For Up To 1 Mile, Add	*0.06*	
		For >5 Miles, Deduct	*-0.05*	
32 17 23 13-0033	LF	CALTRAN Detail 14 Lanelines	0.30	
		For Up To 1 Mile, Add	*0.06*	
		For >5 Miles, Deduct	*-0.05*	
32 17 23 13-0034	LF	CALTRAN Detail 14A Lanelines, Painted Reflective Pavement Striping	0.24	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.04*	
32 17 23 13-0035	LF	CALTRAN Detail 15 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.24	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.04*	
		For Broken Line On One Side, Deduct	*-0.03*	
		For Double Broken Line, Deduct	*-0.05*	
32 17 23 13-0036	LF	CALTRAN Detail 16 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.46	
		For Up To 1 Mile, Add	*0.09*	
		For >5 Miles, Deduct	*-0.07*	
32 17 23 13-0037	LF	CALTRAN Detail 17 No Passing Zones-One Direction Lanelines	1.23	
		For Up To 1 Mile, Add	*0.25*	
		For >5 Miles, Deduct	*-0.18*	
32 17 23 13-0038	LF	CALTRAN Detail 18 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.24	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.04*	
		For Broken Line On One Side, Deduct	*-0.03*	
		For Double Broken Line, Deduct	*-0.05*	
32 17 23 13-0039	LF	CALTRAN Detail 19 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.40	
		For Up To 1 Mile, Add	*0.08*	
		For >5 Miles, Deduct	*-0.06*	
32 17 23 13-0040	LF	CALTRAN Detail 20 No Passing Zones-One Direction Lanelines	1.05	
		For Up To 1 Mile, Add	*0.21*	
		For >5 Miles, Deduct	*-0.16*	
32 17 23 13-0041	LF	CALTRAN Detail 21 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	0.28	
		For Up To 1 Mile, Add	*0.06*	
		For >5 Miles, Deduct	*-0.04*	
		For Broken Line On One Side, Deduct	*-0.04*	
		For Double Broken Line, Deduct	*-0.08*	
32 17 23 13-0042	LF	CALTRAN Detail 22 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	0.49	
		For Up To 1 Mile, Add	*0.10*	
		For >5 Miles, Deduct	*-0.07*	
32 17 23 13-0043	LF	CALTRAN Detail 23 No Passing Zones-Two Direction Lanelines	1.48	
		For Up To 1 Mile, Add	*0.30*	
		For >5 Miles, Deduct	*-0.22*	
32 17 23 13-0044	LF	CALTRAN Detail 24 Left Edgelines, Painted Reflective Pavement Striping	0.22	
		For Up To 1 Mile, Add	*0.04*	
		For >5 Miles, Deduct	*-0.03*	
32 17 23 13-0045	LF	CALTRAN Detail 25 Left Edgelines, Painted Reflective Pavement Striping	0.28	
		For Up To 1 Mile, Add	*0.06*	
		For >5 Miles, Deduct	*-0.04*	
32 17 23 13-0046	LF	CALTRAN Detail 25A Left Edgelines, Painted Reflective Pavement Striping	0.34	
		For Up To 1 Mile, Add	*0.07*	
		For >5 Miles, Deduct	*-0.05*	
32 17 23 13-0047	LF	CALTRAN Detail 26 Left Edgelines	0.06	
		For Up To 1 Mile, Add	*0.01*	
		For >5 Miles, Deduct	*-0.01*	
32 17 23 13-0048	LF	CALTRAN Detail 27 Left Edgelines, Painted Reflective Pavement Striping	0.33	
		For Up To 1 Mile, Add	*0.07*	
		For >5 Miles, Deduct	*-0.05*	
32 17 23 13-0049	LF	CALTRAN Detail 27B Right Edgelines, Painted Reflective Pavement Striping	0.22	
		For Up To 1 Mile, Add	*0.04*	
		For >5 Miles, Deduct	*-0.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0050	LF	CALTRAN Detail 27C Right Edgeline Extension Through Intersections, Painted Reflective Pavement Striping	0.18	
		For Up To 1 Mile, Add	*0.04*	
		For >5 Miles, Deduct	*-0.03*	
32 17 23 13-0051	LF	CALTRAN Detail 28 Median Islands, Painted Reflective Pavement Striping	0.56	
		For Up To 1 Mile, Add	*0.11*	
		For >5 Miles, Deduct	*-0.08*	
		For Broken Line On One Side, Deduct	*-0.08*	
		For Double Broken Line, Deduct	*-0.17*	
32 17 23 13-0052	LF	CALTRAN Detail 29 Median Islands, Painted Reflective Pavement Striping	0.77	
		For Up To 1 Mile, Add	*0.15*	
		For >5 Miles, Deduct	*-0.12*	
32 17 23 13-0053	LF	CALTRAN Detail 30 Median Islands	2.97	
		For Up To 1 Mile, Add	*0.59*	
		For >5 Miles, Deduct	*-0.45*	
32 17 23 13-0054	LF	CALTRAN Detail 31 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	0.48	
		For Up To 1 Mile, Add	*0.10*	
		For >5 Miles, Deduct	*-0.07*	
		For Broken Line On One Side, Deduct	*-0.05*	
		For Double Broken Line, Deduct	*-0.11*	
32 17 23 13-0055	LF	CALTRAN Detail 32 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	0.75	
		For Up To 1 Mile, Add	*0.15*	
		For >5 Miles, Deduct	*-0.11*	
32 17 23 13-0056	LF	CALTRAN Detail 33 Two-Way Left Turn Lanes	2.04	
		For Up To 1 Mile, Add	*0.41*	
		For >5 Miles, Deduct	*-0.31*	
32 17 23 13-0057	LF	CALTRAN Detail 34 Intersection Treatments, Painted Reflective Pavement Striping	0.40	
		For Up To 1 Mile, Add	*0.08*	
		For >5 Miles, Deduct	*-0.06*	
32 17 23 13-0058	LF	CALTRAN Detail 34A Intersection Treatments, Painted Reflective Pavement Striping	0.24	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.04*	
32 17 23 13-0059	LF	CALTRAN Detail 35 Intersection Treatments, Painted Reflective Pavement Striping	0.46	
		For Up To 1 Mile, Add	*0.09*	
		For >5 Miles, Deduct	*-0.07*	
32 17 23 13-0060	LF	CALTRAN Detail 35A Intersection Treatments, Painted Reflective Pavement Striping	0.24	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.04*	
32 17 23 13-0061	LF	CALTRAN Detail 36 Exit Ramp Neutral Area (Gore) Treatment, Painted Reflective Pavement Striping	0.93	
		For Up To 1 Mile, Add	*0.19*	
		For >5 Miles, Deduct	*-0.14*	
32 17 23 13-0062	LF	CALTRAN Detail 36A Entrance Ramp Neutral Area (Merge) Treatment, Painted Reflective Pavement Striping	0.64	
		For Up To 1 Mile, Add	*0.13*	
		For >5 Miles, Deduct	*-0.10*	
32 17 23 13-0063	LF	CALTRAN Detail 36B Entrance Ramp Neutral Area (Acceleration Lane) Treatment, Painted Reflective Pavement Striping	0.69	
		For Up To 1 Mile, Add	*0.14*	
		For >5 Miles, Deduct	*-0.10*	
32 17 23 13-0064	LF	CALTRAN Detail 37 Lane Drop At Exit Ramps, Painted Reflective Pavement Striping	0.56	
		For Up To 1 Mile, Add	*0.11*	
		For >5 Miles, Deduct	*-0.08*	
32 17 23 13-0065	LF	CALTRAN Detail 37A Lane Drop At Exit Ramps	0.99	
		For Up To 1 Mile, Add	*0.20*	
		For >5 Miles, Deduct	*-0.15*	
32 17 23 13-0066	LF	CALTRAN Detail 37B Lane Drop At Intersections, Painted Reflective Pavement Striping	0.56	
		For Up To 1 Mile, Add	*0.11*	
		For >5 Miles, Deduct	*-0.08*	
32 17 23 13-0067	LF	CALTRAN Detail 37C Lane Drop At Intersections	0.99	
		For Up To 1 Mile, Add	*0.20*	
		For >5 Miles, Deduct	*-0.15*	
32 17 23 13-0068	LF	CALTRAN Detail 38 Channelizing Line, Painted Reflective Pavement Striping	0.57	
		For Up To 1 Mile, Add	*0.11*	
		For >5 Miles, Deduct	*-0.09*	
32 17 23 13-0069	LF	CALTRAN Detail 38A Channelizing Line, Painted Reflective Pavement Striping	0.47	
		For Up To 1 Mile, Add	*0.09*	
		For >5 Miles, Deduct	*-0.07*	
32 17 23 13-0070	LF	CALTRAN Detail 38B Channelizing Line, Painted Reflective Pavement Striping	0.68	
		For Up To 1 Mile, Add	*0.14*	
		For >5 Miles, Deduct	*-0.10*	
32 17 23 13-0071	LF	CALTRAN Detail 38C Channelizing Line	1.48	
		For Up To 1 Mile, Add	*0.30*	
		For >5 Miles, Deduct	*-0.22*	
32 17 23 13-0072	LF	CALTRAN Detail 39 Bike Lane Line, Painted Reflective Pavement Striping	0.28	
		For Up To 1 Mile, Add	*0.06*	
		For >5 Miles, Deduct	*-0.04*	
32 17 23 13-0073	LF	CALTRAN Detail 39A Intersection Line Bike Lane, Painted Reflective Pavement Striping	0.23	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.03*	
32 17 23 13-0074	LF	CALTRAN Detail 40 Lane Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.18	
		For Up To 1 Mile, Add	*0.04*	
		For >5 Miles, Deduct	*-0.03*	
32 17 23 13-0075	LF	CALTRAN Detail 40A Lane Line Extensions Through Intersections	0.76	
		For Up To 1 Mile, Add	*0.15*	
		For >5 Miles, Deduct	*-0.11*	
32 17 23 13-0076	LF	CALTRAN Detail 41 Center Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.18	
		For Up To 1 Mile, Add	*0.04*	
		For >5 Miles, Deduct	*-0.03*	
32 17 23 13-0077	LF	CALTRAN Detail 41A Center Line Extensions Through Intersections	0.76	
		For Up To 1 Mile, Add	*0.15*	
		For >5 Miles, Deduct	*-0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0078	EA	CALTRAN 10' Arrow, Type I, Painted Reflective Pavement Marking	76.54	
		For <10, Add	*10.25*	
		For >50 To 100, Deduct	*-5.13*	
		For >100 To 200, Deduct	*-6.84*	
		For >200, Deduct	*-13.67*	
32 17 23 13-0079	EA	CALTRAN 18' Arrow, Type I, Painted Reflective Pavement Marking	134.25	
		For <10, Add	*17.95*	
		For >50 To 100, Deduct	*-8.97*	
		For >100 To 200, Deduct	*-11.96*	
		For >200, Deduct	*-23.93*	
32 17 23 13-0080	EA	CALTRAN 24' Arrow, Type I, Painted Reflective Pavement Marking	168.51	
		For <10, Add	*22.56*	
		For >50 To 100, Deduct	*-11.28*	
		For >100 To 200, Deduct	*-15.04*	
		For >200, Deduct	*-30.08*	
32 17 23 13-0081	EA	CALTRAN 24' Arrow With Single (L or R) Turn Arrow, Type II, Painted Reflective Pavement Marking	245.05	
		For <10, Add	*32.81*	
		For >50 To 100, Deduct	*-16.41*	
		For >100 To 200, Deduct	*-21.88*	
		For >200, Deduct	*-43.75*	
32 17 23 13-0082	EA	CALTRAN 24' Arrow With Both (L and R) Turn Arrows, Type II, Painted Reflective Pavement Marking	321.59	
		For <10, Add	*43.07*	
		For >50 To 100, Deduct	*-21.53*	
		For >100 To 200, Deduct	*-28.71*	
		For >200, Deduct	*-57.42*	
32 17 23 13-0083	EA	CALTRAN 24' Arrow Single (L or R) Turn Arrow, Type III, Painted Reflective Pavement Marking	226.21	
		For <10, Add	*30.25*	
		For >50 To 100, Deduct	*-15.13*	
		For >100 To 200, Deduct	*-20.17*	
		For >200, Deduct	*-40.33*	
32 17 23 13-0084	EA	CALTRAN 24' Arrow Both (L and R) Turn Arrows, Type III, Painted Reflective Pavement Marking	394.71	
		For <10, Add	*52.81*	
		For >50 To 100, Deduct	*-26.40*	
		For >100 To 200, Deduct	*-35.21*	
		For >200, Deduct	*-70.41*	
32 17 23 13-0085	EA	CALTRAN 8' Turn Arrow (L or R), Type IV, Painted Reflective Pavement Marking	80.54	
		For <10, Add	*10.77*	
		For >50 To 100, Deduct	*-5.38*	
		For >100 To 200, Deduct	*-7.18*	
		For >200, Deduct	*-14.36*	
32 17 23 13-0086	EA	CALTRAN 24' Arrow, Type V, Painted Reflective Pavement Marking	176.52	
		For <10, Add	*23.59*	
		For >50 To 100, Deduct	*-11.79*	
		For >100 To 200, Deduct	*-15.72*	
		For >200, Deduct	*-31.45*	
32 17 23 13-0087	EA	CALTRAN 18' Arrow, Type VI, Painted Reflective Pavement Marking	226.21	
		For <10, Add	*30.25*	
		For >50 To 100, Deduct	*-15.13*	
		For >100 To 200, Deduct	*-20.17*	
		For >200, Deduct	*-40.33*	
32 17 23 13-0088	EA	CALTRAN 13' Arrow With Single (L or R) Turn Arrow, Type VII, Painted Reflective Pavement Marking	145.77	
		For <10, Add	*19.48*	
		For >50 To 100, Deduct	*-9.74*	
		For >100 To 200, Deduct	*-12.99*	
		For >200, Deduct	*-25.98*	
32 17 23 13-0089	EA	CALTRAN 15' Arrow With Both (L and R) Turn Arrows, Type VIII, Painted Reflective Pavement Marking	191.94	
		For <10, Add	*25.64*	
		For >50 To 100, Deduct	*-12.82*	
		For >100 To 200, Deduct	*-17.09*	
		For >200, Deduct	*-34.18*	
32 17 23 13-0090	EA	CALTRAN 5' Arrow, Bike Lane, Painted Reflective Pavement Marking	38.27	
		For <10, Add	*5.13*	
		For >50 To 100, Deduct	*-2.56*	
		For >100 To 200, Deduct	*-3.42*	
		For >200, Deduct	*-6.84*	
32 17 23 13-0091	EA	CALTRAN Railroad Crossing Symbol, Painted Reflective Pavement Marking	365.62	
		Note: Exludes variable width transverse lines.		
		For <10, Add	*48.71*	
		For >50 To 100, Deduct	*-24.35*	
		For >100 To 200, Deduct	*-32.47*	
		For >200, Deduct	*-64.94*	
32 17 23 13-0092	SF	CALTRAN Solid Area, Painted Reflective Pavement Marking	4.75	
32 17 23 13-0093	EA	CALTRAN Bike Lane Symbol Without Person, Painted Reflective Pavement Marking	34.18	
		Note: Approximate overall dimensions: 4' width x 8' height.		
		For <10, Add	*3.69*	
		For >50 To 100, Deduct	*-1.85*	
		For >100 To 200, Deduct	*-2.46*	
		For >200, Deduct	*-4.92*	
32 17 23 13-0094	EA	CALTRAN Bike Lane Symbol With Person, Painted Reflective Pavement Marking	36.17	
		Note: Approximate overall dimensions: 4' width x 8' height.		
		For <10, Add	*3.90*	
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.60*	
		For >200, Deduct	*-5.19*	
32 17 23 13-0095	EA	CALTRAN Diamond Symbol, Painted Reflective Pavement Marking	61.12	
		For <10, Add	*8.20*	
		For >50 To 100, Deduct	*-4.10*	
		For >100 To 200, Deduct	*-5.47*	
		For >200, Deduct	*-10.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0096	EA	CALTRAN International Symbol Of Accessibility (ISA) Marking, Painted Reflective Pavement Marking	124.18	
		For <10, Add	*16.61*	
		For >50 To 100, Deduct	*-8.31*	
		For >100 To 200, Deduct	*-11.07*	
		For >200, Deduct	*-22.15*	
32 17 23 13-0097	EA	CALTRAN Bike Loop Detector Symbol, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	27.09	
		For <10, Add	*3.90*	
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.60*	
		For >200, Deduct	*-5.19*	
32 17 23 13-0098	SF	CALTRAN Letter/Number, Painted Reflective Pavement Marking	4.82	
32 17 23 13-0099	SF	CALTRAN Symbols, Painted Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	5.37	

32 17 23 13-0100 Epoxy Reflective Pavement Marking *(32 17 23 13-0001)*

Note: 15 mil thickness.

32 17 23 13-0101	LF	Single 4" Wide Solid Line, Epoxy Reflective Pavement Striping	0.35	
		For 20 Mil Thickness, Add	*0.10*	
		For Up To 1 Mile, Add	*0.07*	
		For >5 Miles, Deduct	*-0.05*	
		For Broken Line, Deduct	*-0.14*	
32 17 23 13-0102	LF	Single 6" Wide Solid Line, Epoxy Reflective Pavement Striping	0.48	
		For 20 Mil Thickness, Add	*0.14*	
		For Up To 1 Mile, Add	*0.10*	
		For >5 Miles, Deduct	*-0.07*	
		For Broken Line, Deduct	*-0.20*	
32 17 23 13-0103	LF	Single 8" Wide Solid Line, Epoxy Reflective Pavement Striping	0.60	
		For 20 Mil Thickness, Add	*0.18*	
		For Up To 1 Mile, Add	*0.12*	
		For >5 Miles, Deduct	*-0.09*	
		For Broken Line, Deduct	*-0.25*	
32 17 23 13-0104	LF	Single 12" Wide Solid Line, Epoxy Reflective Pavement Striping	0.87	
		For 20 Mil Thickness, Add	*0.26*	
		For Up To 1 Mile, Add	*0.17*	
		For >5 Miles, Deduct	*-0.13*	
		For Broken Line, Deduct	*-0.40*	
32 17 23 13-0105	SF	>12" Wide Solid Line, Epoxy Reflective Pavement Striping	0.98	
		For 20 Mil Thickness, Add	*0.29*	
32 17 23 13-0106	LF	Double 4" Wide Solid Lines, Epoxy Reflective Pavement Striping	0.53	
		For 20 Mil Thickness, Add	*0.16*	
		For Up To 1 Mile, Add	*0.11*	
		For >5 Miles, Deduct	*-0.08*	
		For Broken Line On One Side, Deduct	*-0.14*	
		For Double Broken Line, Deduct	*-0.27*	
32 17 23 13-0107	LF	Double 6" Wide Solid Lines, Epoxy Reflective Pavement Striping	0.75	
		For 20 Mil Thickness, Add	*0.23*	
		For Up To 1 Mile, Add	*0.15*	
		For >5 Miles, Deduct	*-0.11*	
		For Broken Line On One Side, Deduct	*-0.20*	
		For Double Broken Line, Deduct	*-0.41*	
32 17 23 13-0108	EA	6" High, Letter/Number, Epoxy Reflective Pavement Marking	3.19	
		For 20 Mil Thickness, Add	*0.29*	
		For <10, Add	*0.42*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 200, Deduct	*-0.28*	
		For >200, Deduct	*-0.56*	
32 17 23 13-0109	EA	12" High, Letter/Number, Epoxy Reflective Pavement Marking	5.62	
		For 20 Mil Thickness, Add	*0.69*	
		For <10, Add	*0.64*	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 200, Deduct	*-0.42*	
		For >200, Deduct	*-0.85*	
32 17 23 13-0110	EA	24" High, Letter/Number, Epoxy Reflective Pavement Marking	9.46	
		For 20 Mil Thickness, Add	*1.20*	
		For <10, Add	*1.06*	
		For >50 To 100, Deduct	*-0.53*	
		For >100 To 200, Deduct	*-0.70*	
		For >200, Deduct	*-1.41*	
32 17 23 13-0111	EA	36" High, Letter/Number, Epoxy Reflective Pavement Marking	18.34	
		For 20 Mil Thickness, Add	*2.20*	
		For <10, Add	*2.11*	
		For >50 To 100, Deduct	*-1.06*	
		For >100 To 200, Deduct	*-1.41*	
		For >200, Deduct	*-2.82*	
32 17 23 13-0112	EA	48" High, Letter/Number, Epoxy Reflective Pavement Marking	21.32	
		For 20 Mil Thickness, Add	*2.72*	
		For <10, Add	*2.37*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 200, Deduct	*-1.58*	
		For >200, Deduct	*-3.16*	
32 17 23 13-0113	EA	72" High, Letter/Number, Epoxy Reflective Pavement Marking	38.20	
		For 20 Mil Thickness, Add	*4.93*	
		For <10, Add	*4.22*	
		For >50 To 100, Deduct	*-2.11*	
		For >100 To 200, Deduct	*-2.81*	
		For >200, Deduct	*-5.62*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0114	EA	96" High, Letter/Number, Epoxy Reflective Pavement Marking	51.02	
		For 20 Mil Thickness, Add	*6.53*	
		For <10, Add	*5.66*	
		For >50 To 100, Deduct	*-2.83*	
		For >100 To 200, Deduct	*-3.77*	
		For >200, Deduct	*-7.55*	
32 17 23 13-0115	EA	120" High, Letter/Number, Epoxy Reflective Pavement Marking	76.43	
		For 20 Mil Thickness, Add	*12.49*	
		For <10, Add	*7.01*	
		For >50 To 100, Deduct	*-3.51*	
		For >100 To 200, Deduct	*-4.68*	
		For >200, Deduct	*-9.35*	
32 17 23 13-0116	SF	Letter/Number, Epoxy Reflective Pavement Marking	5.20	
		For 20 Mil Thickness, Add	*0.55*	
32 17 23 13-0117	SF	Symbols, Epoxy Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	6.63	
		For 20 Mil Thickness, Add	*0.63*	

32 17 23 13-0118 Painted Pavement Striping, Letters And Symbols For Parking Areas *(32 17 23 13)*

32 17 23 13-0119 Painted Pavement Marking For Parking Areas *(32 17 23 13-0118)*

32 17 23 13-0120	LF	Single 4" Wide Solid Line, Painted Pavement Striping for Parking Areas	0.87	
32 17 23 13-0121	LF	Single 6" Wide Solid Line, Painted Pavement Striping for Parking Areas	0.94	
32 17 23 13-0122	LF	Single 8" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.00	
32 17 23 13-0123	LF	Single 12" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.11	
32 17 23 13-0124	SF	Solid Area, Painted Pavement Marking For Parking Areas Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.	4.22	
32 17 23 13-0125	EA	6" High, Letter/Number, Painted Pavement Marking For Parking Areas	2.94	
		For Up To 10, Add	*0.41*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 200, Deduct	*-0.27*	
		For >200, Deduct	*-0.55*	
32 17 23 13-0126	EA	12" High, Letter/Number, Painted Pavement Marking For Parking Areas	4.88	
		For Up To 10, Add	*0.62*	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 200, Deduct	*-0.41*	
		For >200, Deduct	*-0.82*	
32 17 23 13-0127	EA	24" High, Letter/Number, Painted Pavement Marking For Parking Areas	8.20	
		For Up To 10, Add	*1.03*	
		For >50 To 100, Deduct	*-0.51*	
		For >100 To 200, Deduct	*-0.68*	
		For >200, Deduct	*-1.37*	
32 17 23 13-0128	EA	36" High, Letter/Number, Painted Pavement Marking For Parking Areas	15.38	
		For Up To 10, Add	*1.95*	
		For >50 To 100, Deduct	*-0.97*	
		For >100 To 200, Deduct	*-1.30*	
		For >200, Deduct	*-2.60*	
32 17 23 13-0129	EA	42" High, Letter/Number, Painted Pavement Marking For Parking Areas	20.52	
		For Up To 10, Add	*2.67*	
		For >50 To 100, Deduct	*-1.33*	
		For >100 To 200, Deduct	*-1.78*	
		For >200, Deduct	*-3.55*	
32 17 23 13-0130	EA	48" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	24.98	
		For Up To 10, Add	*3.28*	
		For >50 To 100, Deduct	*-1.64*	
		For >100 To 200, Deduct	*-2.19*	
		For >200, Deduct	*-4.37*	
32 17 23 13-0131	EA	72" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	33.02	
		For Up To 10, Add	*4.10*	
		For >50 To 100, Deduct	*-2.05*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-5.47*	
32 17 23 13-0132	EA	Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 3-1/2' width x 10' height.	56.55	
32 17 23 13-0133	EA	Turn Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 6' width x 8' height.	63.55	
32 17 23 13-0134	EA	Dual Turn Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 11' width x 8' height.	87.66	
32 17 23 13-0135	EA	Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 7' width x 13' height.	89.27	
32 17 23 13-0136	EA	Dual Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 9' width x 15' height.	114.30	
32 17 23 13-0137	EA	Handicap Symbol For Standard Parking Stalls, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.	23.99	
		For Blue Background With White Symbol, Add	*16.38*	
		For Blue Background With White Symbol And Border, Add	*20.47*	
32 17 23 13-0138	EA	Handicap Symbol For Van Parking Stalls, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 4-1/3' width x 5' height. White or blue symbol. Excludes striping.	33.73	
		For Blue Background With White Symbol, Add	*32.02*	
		For Blue Background With White Symbol And Border, Add	*40.03*	

32 17 23 13-0139 Painted Curbs *(32 17 23 13)*

32 17 23 13-0140	LF	Reflective Painted Curb	1.85	
32 17 23 13-0141	LF	Reflective Painted Curb And Gutter	3.36	
32 17 23 13-0142	LF	Painted Curb, Any Color	1.49	
32 17 23 13-0143	LF	Painted Curb And Gutter, Any Color	2.96	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 17 23 13-0144 Markings For Outdoor Play Areas, Courts *(32 17 23 13)*

32 17 23 13-0145	LF	2" Wide Marking For Outdoor Play Areas	0.63	
32 17 23 13-0146	LF	3" Wide Marking For Outdoor Play Areas	0.70	
32 17 23 13-0147	LF	4" Wide Marking For Outdoor Play Areas	0.80	
32 17 23 13-0148	LF	6" Wide Marking For Outdoor Play Areas	0.93	
32 17 23 13-0149	EA	Paint Playground Game Lines On Asphalt Or Concrete (Hop Scotch, 4 Square, Numbers Games, Etcetera)	229.68	

32 17 23 23 Raised Pavement Markings *(32 17 23)*

32 17 23 23-0001 Recessed (Plowable) Pavement Markers *(32 17 23 23)*

32 17 23 23-0002	EA	One-Way Reflective, Recessed (Plowable) Pavement Marker With Center Rail	59.60	
32 17 23 23-0003	EA	Two-Way Reflective, Recessed (Plowable) Pavement Marker With Center Rail	60.35	
32 17 23 23-0004	EA	Remove And Replace Reflector For One-Way Reflective, Recessed (Plowable) Pavement Marker	15.53	
32 17 23 23-0005	EA	Remove And Replace Reflectors For Two-Way Reflective, Recessed (Plowable) Pavement Marker	19.61	

32 17 23 23-0006 Raised Pavement Markers (RPMs) *(32 17 23 23)*

32 17 23 23-0007	EA	One-Way Reflective, Raised Pavement Marker (RPM)	2.56	
		For >100, Deduct		*-0.26*
32 17 23 23-0008	EA	Two-Way Reflective, Raised Pavement Marker (RPM)	2.56	
		For >100, Deduct		*-0.26*
32 17 23 23-0009	EA	Round Reflective, Raised Pavement Marker	3.05	
		For >100, Deduct		*-0.31*
32 17 23 23-0010	EA	Non-Reflective, Raised Pavement Marker (RPM)	3.30	
		For >100, Deduct		*-0.33*

32 17 23 33 Plastic Pavement Markings *(32 17 23)*

32 17 23 33-0001 Thermoplastic Pavement Striping, Letters, Symbols And Markers For Roads *(32 17 23 33)*

Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.

32 17 23 33-0002 Thermoplastic Reflective Pavement Marking *(32 17 23 33-0001)*

Note: 90 mil thickness.

32 17 23 33-0003	LF	Single 4" Wide Solid Line, Thermoplastic Reflective Pavement Striping	0.89	
		For Up To 1 Mile, Add		*0.18*
		For >5 Miles, Deduct		*-0.13*
		For 60 mils Thick, Deduct		*-0.12*
		For 125 mils Thick, Add		*0.15*
		For Broken Line, Deduct		*-0.50*
32 17 23 33-0004	LF	Single 6" Wide Solid Line, Thermoplastic Reflective Pavement Striping	1.25	
		For Up To 1 Mile, Add		*0.25*
		For >5 Miles, Deduct		*-0.19*
		For 60 mils Thick, Deduct		*-0.17*
		For 125 mils Thick, Add		*0.22*
		For Broken Line, Deduct		*-0.74*
32 17 23 33-0005	LF	Single 8" Wide Solid Line, Thermoplastic Reflective Pavement Striping	1.67	
		For Up To 1 Mile, Add		*0.33*
		For >5 Miles, Deduct		*-0.25*
		For 60 mils Thick, Deduct		*-0.23*
		For 125 mils Thick, Add		*0.29*
		For Broken Line, Deduct		*-0.98*
32 17 23 33-0006	LF	Single 12" Wide Solid Line, Thermoplastic Reflective Pavement Striping	2.42	
		For Up To 1 Mile, Add		*0.48*
		For >5 Miles, Deduct		*-0.36*
		For 60 mils Thick, Deduct		*-0.34*
		For 125 mils Thick, Add		*0.44*
		For Broken Line, Deduct		*-1.48*
32 17 23 33-0007	SF	>12" Wide Solid Line, Thermoplastic Reflective Pavement Striping	2.73	
		For 60 mils Thick, Deduct		*-0.34*
		For 125 mils Thick, Add		*0.44*
32 17 23 33-0008	LF	Double 4" Wide Solid Lines, Thermoplastic Reflective Pavement Striping	1.54	
		For Up To 1 Mile, Add		*0.31*
		For >5 Miles, Deduct		*-0.23*
		For 60 mils Thick, Deduct		*-0.23*
		For 125 mils Thick, Add		*0.29*
		For Broken Line On One Side, Deduct		*-0.49*
		For Double Broken Line, Deduct		*-0.98*
32 17 23 33-0009	LF	Double 6" Wide Solid Lines, Thermoplastic Reflective Pavement Striping	2.24	
		For Up To 1 Mile, Add		*0.45*
		For >5 Miles, Deduct		*-0.34*
		For 60 mils Thick, Deduct		*-0.34*
		For 125 mils Thick, Add		*0.44*
		For Broken Line On One Side, Deduct		*-0.74*
		For Double Broken Line, Deduct		*-1.48*
32 17 23 33-0010	EA	6" High, Letter/Number, Thermoplastic Reflective Pavement Marking	4.03	
		For Up To 10, Add		*0.46*
		For >50 To 100, Deduct		*-0.23*
		For >100 To 200, Deduct		*-0.31*
		For >200, Deduct		*-0.62*
		For 60 mils Thick, Deduct		*-0.17*
		For 125 mils Thick, Add		*0.21*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0011	EA	12" High, Letter/Number, Thermoplastic Reflective Pavement Marking	8.09	
		For Up To 10, Add	*0.70*	
		For >50 To 100, Deduct	*-0.35*	
		For >100 To 200, Deduct	*-0.47*	
		For >200, Deduct	*-0.93*	
		For 60 mils Thick, Deduct	*-0.60*	
		For 125 mils Thick, Add	*0.77*	
32 17 23 33-0012	EA	24" High, Letter/Number, Thermoplastic Reflective Pavement Marking	13.75	
		For Up To 10, Add	*1.16*	
		For >50 To 100, Deduct	*-0.58*	
		For >100 To 200, Deduct	*-0.77*	
		For >200, Deduct	*-1.55*	
		For 60 mils Thick, Deduct	*-1.05*	
		For 125 mils Thick, Add	*1.35*	
32 17 23 33-0013	EA	36" High, Letter/Number, Thermoplastic Reflective Pavement Marking	26.09	
		For Up To 10, Add	*2.33*	
		For >50 To 100, Deduct	*-1.16*	
		For >100 To 200, Deduct	*-1.55*	
		For >200, Deduct	*-3.10*	
		For 60 mils Thick, Deduct	*-1.85*	
		For 125 mils Thick, Add	*2.38*	
32 17 23 33-0014	EA	48" High, Letter/Number, Thermoplastic Reflective Pavement Marking	31.12	
		For Up To 10, Add	*2.61*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 200, Deduct	*-1.74*	
		For >200, Deduct	*-3.47*	
		For 60 mils Thick, Deduct	*-2.41*	
		For 125 mils Thick, Add	*3.09*	
32 17 23 33-0015	EA	72" High, Letter/Number, Thermoplastic Reflective Pavement Marking	56.03	
		For Up To 10, Add	*4.64*	
		For >50 To 100, Deduct	*-2.32*	
		For >100 To 200, Deduct	*-3.09*	
		For >200, Deduct	*-6.18*	
		For 60 mils Thick, Deduct	*-4.40*	
		For 125 mils Thick, Add	*5.65*	
32 17 23 33-0016	EA	96" High, Letter/Number, Thermoplastic Reflective Pavement Marking	74.56	
		For Up To 10, Add	*6.23*	
		For >50 To 100, Deduct	*-3.11*	
		For >100 To 200, Deduct	*-4.15*	
		For >200, Deduct	*-8.30*	
		For 60 mils Thick, Deduct	*-5.79*	
		For 125 mils Thick, Add	*7.44*	
32 17 23 33-0017	EA	120" High, Letter/Number, Thermoplastic Reflective Pavement Marking	125.20	
		For Up To 10, Add	*7.71*	
		For >50 To 100, Deduct	*-3.86*	
		For >100 To 200, Deduct	*-5.14*	
		For >200, Deduct	*-10.28*	
		For 60 mils Thick, Deduct	*-12.91*	
		For 125 mils Thick, Add	*16.60*	
32 17 23 33-0018	SF	Letter/Number, Thermoplastic Reflective Pavement Marking	7.03	
		For 60 mils Thick, Deduct	*-0.42*	
		For 125 mils Thick, Add	*0.54*	
32 17 23 33-0019	SY	Cross Hatch, Thermoplastic Reflective Pavement Marking	48.39	
		For 60 mils Thick, Deduct	*-3.09*	
		For 125 mils Thick, Add	*3.97*	
32 17 23 33-0020	EA	Handicap Symbol, Thermoplastic Reflective Pavement Marking	185.25	
		For 60 mils Thick, Deduct	*-9.58*	
		For 125 mils Thick, Add	*12.32*	
32 17 23 33-0021	SY	Solid Area, Thermoplastic Reflective Pavement Marking	59.19	
		For 60 mils Thick, Deduct	*-3.09*	
		For 125 mils Thick, Add	*3.97*	
32 17 23 33-0022	EA	Railroad Symbol, Thermoplastic Reflective Pavement Marking	549.46	
		For 60 mils Thick, Deduct	*-29.16*	
		For 125 mils Thick, Add	*37.49*	
32 17 23 33-0023	EA	Bike Lane Symbol, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	102.73	
		For 60 mils Thick, Deduct	*-13.19*	
		For 125 mils Thick, Add	*16.96*	
32 17 23 33-0024	EA	Diamond Symbol, Thermoplastic Reflective Pavement Marking	88.59	
		For 60 mils Thick, Deduct	*-4.58*	
		For 125 mils Thick, Add	*5.89*	
32 17 23 33-0025	SF	Symbols, Thermoplastic Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	8.05	
		For 60 mils Thick, Deduct	*-0.42*	
		For 125 mils Thick, Add	*0.54*	
32 17 23 33-0026	EA	10' Arrow, Type I, Thermoplastic Reflective Pavement Marking	112.76	
		For 60 mils Thick, Deduct	*-5.83*	
		For 125 mils Thick, Add	*7.50*	
32 17 23 33-0027	EA	18' Arrow, Type I, Thermoplastic Reflective Pavement Marking	201.36	
		For 60 mils Thick, Deduct	*-10.41*	
		For 125 mils Thick, Add	*13.39*	
32 17 23 33-0028	EA	24' Arrow, Type I, Thermoplastic Reflective Pavement Marking	249.69	
		For 60 mils Thick, Deduct	*-12.91*	
		For 125 mils Thick, Add	*16.60*	
32 17 23 33-0029	EA	24' Arrow With Single (L or R) Turn Arrow, Type II, Thermoplastic Reflective Pavement Marking	362.45	
		For 60 mils Thick, Deduct	*-18.75*	
		For 125 mils Thick, Add	*24.10*	
32 17 23 33-0030	EA	24' Arrow With Both (L and R) Turn Arrows, Type II, Thermoplastic Reflective Pavement Marking	475.21	
		For 60 mils Thick, Deduct	*-24.58*	
		For 125 mils Thick, Add	*31.60*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0031	EA	24' Arrow Single (L or R) Turn Arrow, Type III, Thermoplastic Reflective Pavement Marking	338.29	
		For 60 mils Thick, Deduct	*-17.50*	
		For 125 mils Thick, Add	*22.50*	
32 17 23 33-0032	EA	24' Arrow Both (L and R) Turn Arrows, Type III, Thermoplastic Reflective Pavement Marking	587.98	
		For 60 mils Thick, Deduct	*-30.41*	
		For 125 mils Thick, Add	*39.10*	
32 17 23 33-0033	EA	8' Turn Arrow (L or R), Type IV, Thermoplastic Reflective Pavement Marking	120.82	
		For 60 mils Thick, Deduct	*-6.25*	
		For 125 mils Thick, Add	*8.03*	
32 17 23 33-0034	EA	24' Arrow, Type V, Thermoplastic Reflective Pavement Marking	265.79	
		For 60 mils Thick, Deduct	*-13.75*	
		For 125 mils Thick, Add	*17.67*	
32 17 23 33-0035	EA	18' Arrow, Type VI, Thermoplastic Reflective Pavement Marking	338.29	
		For 60 mils Thick, Deduct	*-17.50*	
		For 125 mils Thick, Add	*22.50*	
32 17 23 33-0036	EA	13' Arrow With Single (L or R) Turn Arrow, Type VII, Thermoplastic Reflective Pavement Marking	217.47	
		For 60 mils Thick, Deduct	*-11.25*	
		For 125 mils Thick, Add	*14.46*	
32 17 23 33-0037	EA	15' Arrow With Both (L and R) Turn Arrows, Type VIII, Thermoplastic Reflective Pavement Marking	289.95	
		For 60 mils Thick, Deduct	*-15.00*	
		For 125 mils Thick, Add	*19.28*	
32 17 23 33-0038	EA	5' Arrow, Bike Lane, Thermoplastic Reflective Pavement Marking	56.38	
		For 60 mils Thick, Deduct	*-2.92*	
		For 125 mils Thick, Add	*3.75*	

32 17 23 33-0039 Thermoplastic Reflective Pavement Striping By Hand For Repairs *(32 17 23 33-0001)*

32 17 23 33-0040	LF	Single 4" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	2.10	
		For 60 mils Thick, Deduct	*-0.12*	
		For 125 mils Thick, Add	*0.15*	
32 17 23 33-0041	LF	Single 6" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	2.63	
		For 60 mils Thick, Deduct	*-0.17*	
		For 125 mils Thick, Add	*0.22*	
32 17 23 33-0042	LF	Single 8" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	3.23	
		For 60 mils Thick, Deduct	*-0.23*	
		For 125 mils Thick, Add	*0.29*	
32 17 23 33-0043	LF	Single 12" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	4.63	
		For 60 mils Thick, Deduct	*-0.34*	
		For 125 mils Thick, Add	*0.44*	
32 17 23 33-0044	LF	Single 24" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	8.26	
		For 60 mils Thick, Deduct	*-0.69*	
		For 125 mils Thick, Add	*0.89*	

32 17 23 33-0045 Preformed, Patterned Reflective Pavement Marking Tape *(32 17 23 33-0001)*

Note: Applied with pressure sensitive adhesive. Includes adhesive. 60 mil thickness. (3M Stamark 380 Series).

32 17 23 33-0046	LF	Single 4" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping	1.85	
		For Up To 1 Mile, Add	*0.37*	
		For >5 Miles, Deduct	*-0.28*	
32 17 23 33-0047	LF	Single 6" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping	2.71	
		For Up To 1 Mile, Add	*0.54*	
		For >5 Miles, Deduct	*-0.41*	
32 17 23 33-0048	LF	Single 8" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping	3.62	
		For Up To 1 Mile, Add	*0.72*	
		For >5 Miles, Deduct	*-0.54*	
32 17 23 33-0049	LF	Single 12" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping	5.33	
		For Up To 1 Mile, Add	*1.07*	
		For >5 Miles, Deduct	*-0.80*	
32 17 23 33-0050	SF	Preformed Solid Area, Patterned Thermoplastic Reflective Pavement Marking Tape	15.31	
		Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23 33-0051	EA	6" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	22.66	
		For <10, Add	*0.84*	
		For >50 To 100, Deduct	*-0.42*	
		For >100 To 200, Deduct	*-0.56*	
		For >200, Deduct	*-1.12*	
32 17 23 33-0052	EA	12" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	39.56	
		For <10, Add	*1.07*	
		For >50 To 100, Deduct	*-0.53*	
		For >100 To 200, Deduct	*-0.71*	
		For >200, Deduct	*-1.42*	
32 17 23 33-0053	EA	24" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	68.27	
		For <10, Add	*2.11*	
		For >50 To 100, Deduct	*-1.06*	
		For >100 To 200, Deduct	*-1.41*	
		For >200, Deduct	*-2.82*	
32 17 23 33-0054	EA	36" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	99.77	
		For <10, Add	*4.22*	
		For >50 To 100, Deduct	*-2.11*	
		For >100 To 200, Deduct	*-2.82*	
		For >200, Deduct	*-5.63*	
32 17 23 33-0055	EA	48" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	116.73	
		For <10, Add	*4.74*	
		For >50 To 100, Deduct	*-2.37*	
		For >100 To 200, Deduct	*-3.16*	
		For >200, Deduct	*-6.32*	
32 17 23 33-0056	EA	72" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	151.89	
		For <10, Add	*8.43*	
		For >50 To 100, Deduct	*-4.21*	
		For >100 To 200, Deduct	*-5.62*	
		For >200, Deduct	*-11.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0057	EA	96" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	194.27	
		For <10, Add	*11.32*	
		For >50 To 100, Deduct	*-5.66*	
		For >100 To 200, Deduct	*-7.55*	
		For >200, Deduct	*-15.09*	
32 17 23 33-0058	EA	120" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	243.34	
		For <10, Add	*14.03*	
		For >50 To 100, Deduct	*-7.01*	
		For >100 To 200, Deduct	*-9.35*	
		For >200, Deduct	*-18.70*	
32 17 23 33-0059	SF	Preformed Arrow, Patterned Thermoplastic Reflective Pavement Marking Tape	15.86	
32 17 23 33-0060	SF	Preformed Symbol, Patterned Thermoplastic Reflective Pavement Marking Tape Note: Handicap, railroad, diamond symbol, etc.	16.88	
32 17 23 33-0061		Preformed, Thermoplastic Reflective Pavement Marking *(32 17 23 33-0001)* Note: Heat applied. 125 mil thickness (90 mil for bicycle symbols). (Flint PreMark or HotTape Series).		
32 17 23 33-0062	EA	Preformed Bike Lane Symbol, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 4' width x 8' height.	121.01	
32 17 23 33-0063	EA	Preformed Railroad Crossing Symbol, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.	308.83	
32 17 23 33-0064	EA	Preformed Preferential Lane Symbol (Diamond), Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 13' height.	73.27	
32 17 23 33-0065	EA	6' Height, Preformed Through Lane Arrow, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 2' width x 6' height.	66.90	
32 17 23 33-0066	EA	9-1/2' Height, Preformed Through Lane Arrow, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 9-1/2' height.	110.66	
32 17 23 33-0067	EA	4' Height, Preformed Turn Lane Arrow, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 4' height.	73.72	
32 17 23 33-0068	EA	8' Height, Preformed Turn Lane Arrow, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 6' width x 8' height.	120.55	
32 17 23 33-0069	EA	Preformed Turn And Through Lane Arrow, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 7-1/4' width x 12-3/4' height.	191.15	
32 17 23 33-0070	EA	Preformed Dual Turn And Through Lane Arrow, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 13-1/2' width x 12-3/4' height.	200.06	
32 17 23 33-0071	EA	Preformed Elongated Through Lane Arrow, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 1-2/3' width x 12' height.	117.37	
32 17 23 33-0072	EA	Preformed Elongated Turn Lane Arrow, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 12' height.	127.26	
32 17 23 33-0073	EA	Preformed Elongated Dual Turn Lane Arrow, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 12' height.	238.34	
32 17 23 33-0074	EA	Preformed Elongated Turn And Through Lane Arrow, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/2' width x 20' height.	198.68	
32 17 23 33-0075	EA	Preformed Elongated Dual Turn And Through Lane Arrow, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 20' height.	208.26	
32 17 23 33-0076	EA	Preformed Lane-Reduction Arrow, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 18' height.	261.09	
32 17 23 33-0077		Thermoplastic Pavement Striping, Letters And Symbols For Parking Areas *(32 17 23 33)*		
32 17 23 33-0078		Thermoplastic Pavement Marking Tape For Parking Areas *(32 17 23 33-0077)* Note: Heat applied. (Flint HotTape Series).		
32 17 23 33-0079	EA	39" Handicap Symbol For Standard Parking Stalls, Thermoplastic Pavement Marking Tape For Parking Areas Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.	44.99	
		For Blue Background With White Symbol, Add	*58.38*	
32 17 23 33-0080	EA	48" Handicap Symbol For Van Parking Stalls, Thermoplastic Pavement Marking Tape For Parking Areas Note: Approximate overall dimensions: 4-1/3' width x 5' height. White or blue symbol. Excludes striping.	51.98	
		For Blue Background With White Symbol, Add	*68.52*	

32 17 26 Tactile Warning Surfaces *(32 17)*

32 17 26 00-0001		Vitrified Polymer Composite (VPC) *(32 17 26)* Note: Truncated dome, raised strips or directional bars. All colors.		
32 17 26 00-0002	SF	Surface Applied VPC Truncated Dome Detectable Warning Surface Note: Includes surface preparation, adhesive, fasteners and sealant at perimeter. Also raised strips or directional bars. All colors.	49.66	6.56
32 17 26 00-0003	SF	Cast In Place VPC Truncated Dome Detectable Warning Surface Note: Also raised strips or directional bars. All colors.	41.13	6.56

32 30 Site Improvements *(32)*

32 31 Fences And Gates *(32 30)*

32 31 11 Gate Operators *(32 31)*

32 31 11 00-0001		Gate Operators *(32 31 11)* Note: Excludes gates, electrical connections, access controls and concrete foundation.		
32 31 11 00-0002		Swing Gate Actuator *(32 31 11 00-0001)*		
32 31 11 00-0003		Single Gate, Swing Gate Actuator *(32 31 11 00-0002)*		
32 31 11 00-0004	EA	Up To 10' Wide Gate, 1/2 HP Motor, 115 VAC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6003) Note: Includes one primary operator with a 10' wide gate capacity.	1,374.13	165.81
32 31 11 00-0005	EA	Up To 14' Wide Gate, 1/2 HP Motor, 115 VAC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6002) Note: Includes one primary operator with a 14' wide gate capacity.	1,666.63	165.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 11 00-0006		**Dual Gate, Swing Gate Actuator** *(32 31 11 00-0002)*		
32 31 11 00-0007	EA	Up To 10' Wide Gates, 1/2 HP Motor, 115 VAC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6003) Note: Includes one primary and one secondary operator each with a 10' wide gate capacity.	2,305.77	331.63
32 31 11 00-0008	EA	Up To 14' Wide Gates, 1/2 HP Motor, 115 VAC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6002) Note: Includes one primary and one secondary operator each with a 14' wide gate capacity.	2,890.77	331.63
32 31 11 00-0009		**Swing Gate Operators** *(32 31 11 00-0001)*		
32 31 11 00-0010		**Single Gate, Swing Gate Operators** *(32 31 11 00-0009)*		
32 31 11 00-0011	EA	400 LB Capacity, Up To 10' Wide Gate, 1/2 HP Motor, 115 VAC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6050) Note: Includes one primary operator with a 10' wide and 400# gate capacity.	1,846.63	165.81
32 31 11 00-0012	EA	500 LB Capacity, Up To 14' Wide Gate, 1/2 HP Motor, 115 VAC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6100) Note: Includes one primary operator with a 14' wide and 500# gate capacity.	1,996.63	165.81
32 31 11 00-0013	EA	700 LB Capacity, Up To 18' Wide Gate, 1/2 HP Motor, 115 VAC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary operator with an 18' wide and 700# gate capacity.	2,521.63	165.81
		For 208/230/460 VAC, Add	*322.50*	
32 31 11 00-0014	EA	800 LB Capacity, Up To 22' Wide Gate, 1 HP Motor, 115 VAC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary operator with a 22' wide and 800# gate capacity.	2,844.13	165.81
		For 208/230/460 VAC, Add	*322.50*	
32 31 11 00-0015		**Dual Gate, Swing Gate Operators** *(32 31 11 00-0009)*		
32 31 11 00-0016	EA	400 LB Capacity, Up To 10' Wide Gates, 1/2 HP Motor, 115 VAC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6050) Note: Includes one primary and one secondary operator each with a 10' wide and 400# gate capacity.	3,759.27	331.63
32 31 11 00-0017	EA	500 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 VAC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6100) Note: Includes one primary and one secondary operator each with a 14' wide and 500# gate capacity.	4,059.27	331.63
32 31 11 00-0018	EA	700 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 VAC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary and one secondary operator each with an 18' wide and 700# gate capacity.	4,645.77	331.63
		For 208/230/460 VAC, Add	*322.50*	
32 31 11 00-0019	EA	800 LB Capacity, Up To 22' Wide Gates, 1 HP Motor, 115 VAC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary and one secondary operator each with a 22' wide and 800# gate capacity.	5,320.77	331.63
		For 208/230/460 VAC, Add	*322.50*	
32 31 11 00-0020		**Sliding Gate Operators** *(32 31 11 00-0001)* Note: Includes 20' of chain. See CSI section 32 31 11 00-0030 for additional chain over 20'.		
32 31 11 00-0021	EA	300 LB Capacity, Up To 16' Wide Gate, 1/2 HP Motor, 115 VAC, Sliding Gate Operator (DKS™ DoorKing® 9050) Note: Includes operator, chain brackets, hardware and 20' of #41 chain.	1,509.13	165.81
32 31 11 00-0022	EA	500 LB Capacity, Up To 22' Wide Gate, 1/2 HP Motor, 115 VAC, Sliding Gate Operator (DKS™ DoorKing® 9070) Note: Includes operator, chain brackets, hardware and 20' of #41 chain.	1,996.63	165.81
32 31 11 00-0023	EA	1,000 LB Capacity, Up To 30' Wide Gate, 1/2 HP Motor, 115 VAC, Sliding Gate Operator (DKS™ DoorKing® 9100) Note: Includes operator, chain brackets, hardware and 20' of #41 chain.	2,175.46	198.98
32 31 11 00-0024	EA	1,500 LB Capacity, Up To 45' Wide Gate, 1 HP Motor, 115 VAC, Sliding Gate Operator (DKS™ DoorKing® 9150) Note: Includes operator, chain brackets, hardware and 20' of #40 chain.	2,640.46	198.98
32 31 11 00-0025	EA	3,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 115 VAC, Sliding Gate Operator (DKS™ DoorKing® 9210) Note: Includes operator, chain brackets, hardware and 20' of #50 chain.	4,319.28	232.14
32 31 11 00-0026	EA	2,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 208/230 VAC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9220) Note: Includes operator, chain brackets, hardware and 20' of #50 chain.	5,129.28	232.14
32 31 11 00-0027	EA	5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 VAC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9230) Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	6,695.61	265.30
32 31 11 00-0028	EA	5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 VAC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9530) Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	9,530.61	265.30
32 31 11 00-0029	EA	10,000 LB Capacity, Up To 160' Wide Gate, 5 HP Motor, 208/230 VAC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9550) Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	23,089.44	298.47
32 31 11 00-0030		**Accessories For Gate Actuators And Operators** *(32 31 11 00-0001)*		
32 31 11 00-0031	EA	Single Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9410)	381.76	
32 31 11 00-0032	EA	Two Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9409)	747.78	
32 31 11 00-0033	EA	Heater Kit For Gate Actuators And Operators (DKS™ DoorKing® 1601)	425.16	
32 31 11 00-0034	EA	Photoelectric Eye For Gate Actuators And Operators (DKS™ DoorKing® 8080-031)	491.48	
32 31 11 00-0035	EA	Reversing Edge Sensor For Gate Actuators And Operators (DKS™ DoorKing® 8080-020)	385.73	
32 31 11 00-0036	EA	Post Mount Base Plate For Gate Actuators And Operators (DKS™ DoorKing® 9310)	303.98	
32 31 11 00-0037	LF	#40 Chain For Sliding Gate Operators	5.16	
32 31 11 00-0038	LF	#41 Chain For Sliding Gate Operators	4.04	
32 31 11 00-0039	LF	#50 Chain For Sliding Gate Operators	7.04	
32 31 11 00-0040	LF	#60 Chain For Sliding Gate Operators	7.78	

32 31 13 Chain Link Fences And Gates *(32 31)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0001		**Post Holes** *(32 31 13)* Note: Excludes spreading of excess material on site or loading and removal of excavated material from site. See CSI section 02 41 19 13-0018 for core drilling in concrete, 02 41 19 13-0132 for core drilling in asphalt.		
32 31 13 00-0002		**Drilling Post Hole In Soil** *(32 31 13 00-0001)* Note: Auger by machine unless otherwise notified by owner.		
32 31 13 00-0003	VLF	Up To 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	7.49	
32 31 13 00-0004	VLF	2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	8.42	
32 31 13 00-0005	VLF	3" Diameter Hole, Auger By Machine Fence Post Hole In Soil	9.98	
32 31 13 00-0006	VLF	4" Diameter Hole, Auger By Machine Fence Post Hole In Soil	11.23	
32 31 13 00-0007	VLF	6" Diameter Hole, Auger By Machine Fence Post Hole In Soil	12.25	
32 31 13 00-0008	VLF	8" Diameter Hole, Auger By Machine Fence Post Hole In Soil	13.49	
32 31 13 00-0009	VLF	10" Diameter Hole, Auger By Machine Fence Post Hole In Soil	14.98	
32 31 13 00-0010	VLF	12" Diameter Hole, Auger By Machine Fence Post Hole In Soil	16.85	
32 31 13 00-0011	VLF	18" Diameter Hole, Auger By Machine Fence Post Hole In Soil	19.26	
32 31 13 00-0012	VLF	24" Diameter Hole, Auger By Machine Fence Post Hole In Soil	22.47	
32 31 13 00-0013	VLF	30" Diameter Hole, Auger By Machine Fence Post Hole In Soil	26.96	
32 31 13 00-0014	VLF	36" Diameter Hole, Auger By Machine Fence Post Hole In Soil	33.71	
32 31 13 00-0015		**Drilling Post Hole In Rock** *(32 31 13 00-0001)*		
32 31 13 00-0016	CF	Jackhammer Post Hole, Rock	53.43	
32 31 13 00-0017	CF	Rock Drill Post Hole, Rock	17.14	
32 31 13 00-0018		**Post Hole Fill** *(32 31 13 00-0001)* See CSI section 03 21 00 00-0000 for reinforcing bars.		
32 31 13 00-0019		**Concrete Fill** *(32 31 13 00-0018)*		
32 31 13 00-0020	VLF	Concrete Fill, Up To 2-1/2" Diameter Hole	4.31	
32 31 13 00-0021	VLF	Concrete Fill, 2-1/2" Diameter Hole	5.52	
32 31 13 00-0022	VLF	Concrete Fill, 3" Diameter Hole	6.08	
32 31 13 00-0023	VLF	Concrete Fill, 4" Diameter Hole	6.96	
32 31 13 00-0024	VLF	Concrete Fill, 6" Diameter Hole	9.80	
32 31 13 00-0025	VLF	Concrete Fill, 8" Diameter Hole	13.09	
32 31 13 00-0026	VLF	Concrete Fill, 10" Diameter Hole	15.99	
32 31 13 00-0027	VLF	Concrete Fill, 12" Diameter Hole	18.64	
32 31 13 00-0028	VLF	Concrete Fill, 18" Diameter Hole	25.32	
32 31 13 00-0029	VLF	Concrete Fill, 24" Diameter Hole	31.33	
32 31 13 00-0030	VLF	Concrete Fill, 30" Diameter Hole	37.19	
32 31 13 00-0031	VLF	Concrete Fill, 36" Diameter Hole	43.27	
32 31 13 00-0032		**Grout Fill** *(32 31 13 00-0018)*		
32 31 13 00-0033	VLF	Grout Fill, Up To 2-1/2" Diameter Hole	5.12	
32 31 13 00-0034	VLF	Grout Fill, 2-1/2" Diameter Hole	6.60	
32 31 13 00-0035	VLF	Grout Fill, 3" Diameter Hole	7.18	
32 31 13 00-0036	VLF	Grout Fill, 4" Diameter Hole	8.04	
32 31 13 00-0037	VLF	Grout Fill, 6" Diameter Hole	11.22	
32 31 13 00-0038	VLF	Grout Fill, 8" Diameter Hole	14.97	
32 31 13 00-0039	VLF	Grout Fill, 10" Diameter Hole	18.23	
32 31 13 00-0040	VLF	Grout Fill, 12" Diameter Hole	21.14	
32 31 13 00-0041	VLF	Grout Fill, 18" Diameter Hole	28.19	
32 31 13 00-0042	VLF	Grout Fill, 24" Diameter Hole	34.35	
32 31 13 00-0043	VLF	Grout Fill, 30" Diameter Hole	40.32	
32 31 13 00-0044	VLF	Grout Fill, 36" Diameter Hole	46.42	
32 31 13 00-0045		**Earth Fill, Compacted** *(32 31 13 00-0018)*		
32 31 13 00-0046	VLF	Earth Fill, Up To 2-1/2" Diameter Hole	3.68	
32 31 13 00-0047	VLF	Earth Fill, 2-1/2" Diameter Hole	4.81	
32 31 13 00-0048	VLF	Earth Fill, 3" Diameter Hole	5.03	
32 31 13 00-0049	VLF	Earth Fill, 4" Diameter Hole	5.17	
32 31 13 00-0050	VLF	Earth Fill, 6" Diameter Hole	6.91	
32 31 13 00-0051	VLF	Earth Fill, 8" Diameter Hole	9.21	
32 31 13 00-0052	VLF	Earth Fill, 10" Diameter Hole	11.05	
32 31 13 00-0053	VLF	Earth Fill, 12" Diameter Hole	12.53	
32 31 13 00-0054	VLF	Earth Fill, 18" Diameter Hole	15.27	
32 31 13 00-0055	VLF	Earth Fill, 24" Diameter Hole	17.13	
32 31 13 00-0056	VLF	Earth Fill, 30" Diameter Hole	18.79	
32 31 13 00-0057	VLF	Earth Fill, 36" Diameter Hole	20.26	
32 31 13 00-0058		**Fence Posts** *(32 31 13)* Note: Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 00-0001 for drilling for augering holes.		
32 31 13 00-0059		**Fence Posts** *(32 31 13 00-0058)*		
32 31 13 00-0060		**1-7/8" H-Beam Post Without Top Rail Fitting, Galvanized Steel** *(32 31 13 00-0059)* Note: Includes cap and accessories.		
32 31 13 00-0061	LF	1-7/8" Galvanized H-beam Post, Up To 6' In Length	9.00	1.93
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 00-0062	LF	1-7/8" Galvanized H-beam Post, 7' To 10' In Length	8.45	1.64
		For Each Top Rail Fitting, Add	*0.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0063	LF	1-7/8" Galvanized H-beam Post, 11' To 15' In Length	7.79	1.36
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 00-0064	LF	1-7/8" Galvanized H-beam Post, 16' To 20' In Length	7.25	1.07
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 00-0065	LF	1-7/8" Galvanized H-beam Post, 21' To 24' In Length	6.89	0.93
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 00-0066	LF	1-7/8" Galvanized H-beam Post, >24' In Length	6.33	0.64
		For Each Top Rail Fitting, Add	*0.85*	

32 31 13 00-0067 Post Without Top Rail Fitting, Galvanized Steel, (1.66" Nominal) *(32 31 13 00-0059)*

Note: 1-5/8" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 00-0068	LF	1-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	6.43	1.78
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.72*	
		For Vinyl Coated, Add	*1.72*	
		For Powder Coated, Add	*2.29*	
		For Aluminum Coated, Add	*3.58*	
		For Schedule 20, Deduct	*-0.57*	
		For Schedule 80, Add	*1.73*	
32 31 13 00-0069	LF	1-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	5.87	1.50
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.72*	
		For Vinyl Coated, Add	*1.72*	
		For Powder Coated, Add	*2.29*	
		For Aluminum Coated, Add	*3.58*	
		For Schedule 20, Deduct	*-0.57*	
		For Schedule 80, Add	*1.67*	
32 31 13 00-0070	LF	1-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	5.27	1.21
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.72*	
		For Vinyl Coated, Add	*1.72*	
		For Powder Coated, Add	*2.29*	
		For Aluminum Coated, Add	*3.58*	
		For Schedule 20, Deduct	*-0.57*	
		For Schedule 80, Add	*1.61*	
32 31 13 00-0071	LF	1-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	4.79	0.93
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.72*	
		For Vinyl Coated, Add	*1.72*	
		For Powder Coated, Add	*2.29*	
		For Aluminum Coated, Add	*3.58*	
		For Schedule 20, Deduct	*-0.57*	
		For Schedule 80, Add	*1.57*	
32 31 13 00-0072	LF	1-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	4.47	0.78
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.72*	
		For Vinyl Coated, Add	*1.72*	
		For Powder Coated, Add	*2.29*	
		For Aluminum Coated, Add	*3.58*	
		For Schedule 20, Deduct	*-0.57*	
		For Schedule 80, Add	*1.53*	
32 31 13 00-0073	LF	1-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	4.12	0.64
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.72*	
		For Vinyl Coated, Add	*1.72*	
		For Powder Coated, Add	*2.29*	
		For Aluminum Coated, Add	*3.58*	
		For Schedule 20, Deduct	*-0.57*	
		For Schedule 80, Add	*1.50*	

32 31 13 00-0074 Post Without Top Rail Fitting, Galvanized Steel, (1.90" Nominal) *(32 31 13 00-0059)*

Note: 2" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 00-0075	LF	2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	7.18	1.85
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.87*	
		For Vinyl Coated, Add	*2.09*	
		For Powder Coated, Add	*2.79*	
		For Aluminum Coated, Add	*4.36*	
		For Schedule 20, Deduct	*-0.70*	
		For Schedule 80, Add	*2.04*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0076	LF	2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	6.69	1.57
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.87*	
		For Vinyl Coated, Add	*2.09*	
		For Powder Coated, Add	*2.79*	
		For Aluminum Coated, Add	*4.36*	
		For Schedule 20, Deduct	*-0.70*	
		For Schedule 80, Add	*2.00*	
32 31 13 00-0077	LF	2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	6.04	1.28
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.87*	
		For Vinyl Coated, Add	*2.09*	
		For Powder Coated, Add	*2.79*	
		For Aluminum Coated, Add	*4.36*	
		For Schedule 20, Deduct	*-0.70*	
		For Schedule 80, Add	*1.93*	
32 31 13 00-0078	LF	2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	5.53	1.00
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.87*	
		For Vinyl Coated, Add	*2.09*	
		For Powder Coated, Add	*2.79*	
		For Aluminum Coated, Add	*4.36*	
		For Schedule 20, Deduct	*-0.70*	
		For Schedule 80, Add	*1.88*	
32 31 13 00-0079	LF	2" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	5.19	0.86
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.87*	
		For Vinyl Coated, Add	*2.09*	
		For Powder Coated, Add	*2.79*	
		For Aluminum Coated, Add	*4.36*	
		For Schedule 20, Deduct	*-0.70*	
		For Schedule 80, Add	*1.85*	
32 31 13 00-0080	LF	2" Outside Diameter Galvanized Steel Post, >24' In Length	4.87	0.71
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.87*	
		For Vinyl Coated, Add	*2.09*	
		For Powder Coated, Add	*2.79*	
		For Aluminum Coated, Add	*4.36*	
		For Schedule 20, Deduct	*-0.70*	
		For Schedule 80, Add	*1.81*	

32 31 13 00-0081 Post Without Top Rail Fitting, Galvanized Steel, (2.375" Nominal) *(32 31 13 00-0059)*

Note: 2-1/2" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 00-0082	LF	2-1/2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	8.53	2.00
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.16*	
		For Vinyl Coated, Add	*2.78*	
		For Powder Coated, Add	*3.71*	
		For Aluminum Coated, Add	*5.80*	
		For Schedule 20, Deduct	*-0.93*	
		For Schedule 80, Add	*2.62*	
32 31 13 00-0083	LF	2-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	7.98	1.71
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.16*	
		For Vinyl Coated, Add	*2.78*	
		For Powder Coated, Add	*3.71*	
		For Aluminum Coated, Add	*5.80*	
		For Schedule 20, Deduct	*-0.93*	
		For Schedule 80, Add	*2.56*	
32 31 13 00-0084	LF	2-1/2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	7.32	1.36
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.16*	
		For Vinyl Coated, Add	*2.78*	
		For Powder Coated, Add	*3.71*	
		For Aluminum Coated, Add	*5.80*	
		For Schedule 20, Deduct	*-0.93*	
		For Schedule 80, Add	*2.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0085	LF	2-1/2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	6.78	1.07
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.16*	
		For Vinyl Coated, Add	*2.78*	
		For Powder Coated, Add	*3.71*	
		For Aluminum Coated, Add	*5.80*	
		For Schedule 20, Deduct	*-0.93*	
		For Schedule 80, Add	*2.44*	
32 31 13 00-0086	LF	2-1/2" Outside Diameter Galvanized Steel Post, 21 To 24' In Length	6.42	0.93
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.16*	
		For Vinyl Coated, Add	*2.78*	
		For Powder Coated, Add	*3.71*	
		For Aluminum Coated, Add	*5.80*	
		For Schedule 20, Deduct	*-0.93*	
		For Schedule 80, Add	*2.41*	
32 31 13 00-0087	LF	2-1/2" Outside Diameter Galvanized Steel Post, >24' In Length	6.08	0.71
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.16*	
		For Vinyl Coated, Add	*2.78*	
		For Powder Coated, Add	*3.71*	
		For Aluminum Coated, Add	*5.80*	
		For Schedule 20, Deduct	*-0.93*	
		For Schedule 80, Add	*2.37*	

32 31 13 00-0088 Post Without Top Rail Fitting, Galvanized Steel, (2.875" Nominal) *(32 31 13 00-0059)*

Note: 3" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 00-0089	LF	3" Outside Diameter Galvanized Steel Post, Up To 6' In Length	11.21	2.14
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.73*	
		For Vinyl Coated, Add	*4.16*	
		For Powder Coated, Add	*5.54*	
		For Aluminum Coated, Add	*8.66*	
		For Schedule 20, Deduct	*-1.39*	
		For Schedule 80, Add	*3.75*	
32 31 13 00-0090	LF	3" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	10.62	1.85
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.73*	
		For Vinyl Coated, Add	*4.16*	
		For Powder Coated, Add	*5.54*	
		For Aluminum Coated, Add	*8.66*	
		For Schedule 20, Deduct	*-1.39*	
		For Schedule 80, Add	*3.70*	
32 31 13 00-0091	LF	3" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	9.91	1.50
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.73*	
		For Vinyl Coated, Add	*4.16*	
		For Powder Coated, Add	*5.54*	
		For Aluminum Coated, Add	*8.66*	
		For Schedule 20, Deduct	*-1.39*	
		For Schedule 80, Add	*3.62*	
32 31 13 00-0092	LF	3" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	9.30	1.21
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.73*	
		For Vinyl Coated, Add	*4.16*	
		For Powder Coated, Add	*5.54*	
		For Aluminum Coated, Add	*8.66*	
		For Schedule 20, Deduct	*-1.39*	
		For Schedule 80, Add	*3.56*	
32 31 13 00-0093	LF	3" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	8.91	1.00
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.73*	
		For Vinyl Coated, Add	*4.16*	
		For Powder Coated, Add	*5.54*	
		For Aluminum Coated, Add	*8.66*	
		For Schedule 20, Deduct	*-1.39*	
		For Schedule 80, Add	*3.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0094	LF	3" Outside Diameter Galvanized Steel Post, >24' In Length	8.54	0.78
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.73*	
		For Vinyl Coated, Add	*4.16*	
		For Powder Coated, Add	*5.54*	
		For Aluminum Coated, Add	*8.66*	
		For Schedule 20, Deduct	*-1.39*	
		For Schedule 80, Add	*3.49*	

32 31 13 00-0095 Post Without Top Rail Fitting, Galvanized Steel, (4" Nominal) *(32 31 13 00-0059)*

Note: 4" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 00-0096	LF	4" Outside Diameter Galvanized Steel Post, Up To 6' In Length	15.76	2.28
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.82*	
		For Vinyl Coated, Add	*6.76*	
		For Powder Coated, Add	*9.01*	
		For Aluminum Coated, Add	*14.08*	
		For Schedule 20, Deduct	*-2.25*	
		For Schedule 80, Add	*5.85*	
32 31 13 00-0097	LF	4" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	15.02	1.85
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.82*	
		For Vinyl Coated, Add	*6.76*	
		For Powder Coated, Add	*9.01*	
		For Aluminum Coated, Add	*14.08*	
		For Schedule 20, Deduct	*-2.25*	
		For Schedule 80, Add	*5.78*	
32 31 13 00-0098	LF	4" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	14.39	1.57
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.82*	
		For Vinyl Coated, Add	*6.76*	
		For Powder Coated, Add	*9.01*	
		For Aluminum Coated, Add	*14.08*	
		For Schedule 20, Deduct	*-2.25*	
		For Schedule 80, Add	*5.72*	
32 31 13 00-0099	LF	4" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	13.76	1.28
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.82*	
		For Vinyl Coated, Add	*6.76*	
		For Powder Coated, Add	*9.01*	
		For Aluminum Coated, Add	*14.08*	
		For Schedule 20, Deduct	*-2.25*	
		For Schedule 80, Add	*5.65*	
32 31 13 00-0100	LF	4" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	13.76	1.28
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.82*	
		For Vinyl Coated, Add	*6.76*	
		For Powder Coated, Add	*9.01*	
		For Aluminum Coated, Add	*14.08*	
		For Schedule 20, Deduct	*-2.25*	
		For Schedule 80, Add	*5.65*	
32 31 13 00-0101	LF	4" Outside Diameter Galvanized Steel Post, >24' In Length	13.04	0.93
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.82*	
		For Vinyl Coated, Add	*6.76*	
		For Powder Coated, Add	*9.01*	
		For Aluminum Coated, Add	*14.08*	
		For Schedule 20, Deduct	*-2.25*	
		For Schedule 80, Add	*5.58*	

32 31 13 00-0102 Post Without Top Rail Fitting, Galvanized Steel, (6.625" Nominal) *(32 31 13 00-0059)*

Note: 6-5/8" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 00-0103	LF	6-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	28.89	2.50
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.97*	
		For Vinyl Coated, Add	*14.33*	
		For Powder Coated, Add	*19.11*	
		For Aluminum Coated, Add	*29.86*	
		For Schedule 20, Deduct	*-4.78*	
		For Schedule 80, Add	*11.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0104	LF	6-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	28.09	2.07
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.97*	
		For Vinyl Coated, Add	*14.33*	
		For Powder Coated, Add	*19.11*	
		For Aluminum Coated, Add	*29.86*	
		For Schedule 20, Deduct	*-4.78*	
		For Schedule 80, Add	*11.89*	
32 31 13 00-0105	LF	6-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	27.37	1.71
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.97*	
		For Vinyl Coated, Add	*14.33*	
		For Powder Coated, Add	*19.11*	
		For Aluminum Coated, Add	*29.86*	
		For Schedule 20, Deduct	*-4.78*	
		For Schedule 80, Add	*11.82*	
32 31 13 00-0106	LF	6-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	26.67	1.36
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.97*	
		For Vinyl Coated, Add	*14.33*	
		For Powder Coated, Add	*19.11*	
		For Aluminum Coated, Add	*29.86*	
		For Schedule 20, Deduct	*-4.78*	
		For Schedule 80, Add	*11.75*	
32 31 13 00-0107	LF	6-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	26.26	1.21
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.97*	
		For Vinyl Coated, Add	*14.33*	
		For Powder Coated, Add	*19.11*	
		For Aluminum Coated, Add	*29.86*	
		For Schedule 20, Deduct	*-4.78*	
		For Schedule 80, Add	*11.70*	
32 31 13 00-0108	LF	6-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	25.87	1.00
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.97*	
		For Vinyl Coated, Add	*14.33*	
		For Powder Coated, Add	*19.11*	
		For Aluminum Coated, Add	*29.86*	
		For Schedule 20, Deduct	*-4.78*	
		For Schedule 80, Add	*11.67*	

32 31 13 00-0109 Post Without Top Rail Fitting, Galvanized Steel, (8.625" Nominal) *(32 31 13 00-0059)*

Note: 8-5/8" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 00-0110	LF	8-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	54.51	2.78
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*12.24*	
		For Vinyl Coated, Add	*29.37*	
		For Powder Coated, Add	*39.16*	
		For Aluminum Coated, Add	*61.19*	
		For Schedule 20, Deduct	*-9.79*	
		For Schedule 80, Add	*24.05*	
32 31 13 00-0111	LF	8-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	53.60	2.35
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*12.24*	
		For Vinyl Coated, Add	*29.37*	
		For Powder Coated, Add	*39.16*	
		For Aluminum Coated, Add	*61.19*	
		For Schedule 20, Deduct	*-9.79*	
		For Schedule 80, Add	*23.96*	
32 31 13 00-0112	LF	8-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	52.80	1.93
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*12.24*	
		For Vinyl Coated, Add	*29.37*	
		For Powder Coated, Add	*39.16*	
		For Aluminum Coated, Add	*61.19*	
		For Schedule 20, Deduct	*-9.79*	
		For Schedule 80, Add	*23.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0113	LF	8-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	52.01	1.50
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*12.24*	
		For Vinyl Coated, Add	*29.37*	
		For Powder Coated, Add	*39.16*	
		For Aluminum Coated, Add	*61.19*	
		For Schedule 20, Deduct	*-9.79*	
		For Schedule 80, Add	*23.80*	
32 31 13 00-0114	LF	8-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	51.59	1.28
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*12.24*	
		For Vinyl Coated, Add	*29.37*	
		For Powder Coated, Add	*39.16*	
		For Aluminum Coated, Add	*61.19*	
		For Schedule 20, Deduct	*-9.79*	
		For Schedule 80, Add	*23.76*	
32 31 13 00-0115	LF	8-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	51.16	1.07
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*12.24*	
		For Vinyl Coated, Add	*29.37*	
		For Powder Coated, Add	*39.16*	
		For Aluminum Coated, Add	*61.19*	
		For Schedule 20, Deduct	*-9.79*	
		For Schedule 80, Add	*23.72*	

32 31 13 00-0116 Chain Link Fence Assemblies *(32 31 13)*

32 31 13 00-0117 Chain Link Fence Assembly With 2-1/2" Line Post And 3" Corner Posts *(32 31 13 00-0116)*

Note: Includes 2" 9 gauge coiled spring mesh (knuckled selvedge), tension bars, post tension bands, wire ties, truss rod (at corners or posts), 1-5/8" top rail, 1-5/8" bottom rail, 2-1/2" line post and 3" corner posts. Posts exclude drilling or augering in soil or rock, concrete or soil fill. Heights indicated are from ground to top of installed pole. Minimum 2' bury with up to one third of exposed post height to be buried in ground. For use on 50 lf or more. Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 00-0595 for barb wire attachments.

32 31 13 00-0118 Galvanized *(32 31 13 00-0117)*

32 31 13 00-0119	LF	3' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post	18.10	2.42
		For Installation In Concrete (Excludes Drilling), Add	*0.95*	
		For 13 Gauge Fabric, Deduct	*-2.99*	
		For 11 Gauge Fabric, Deduct	*-1.75*	
		For 6 Gauge Fabric, Add	*2.74*	
		For 1" Mesh Fabric, Add	*3.74*	
		For 1-3/4" Mesh Fabric, Add	*1.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.75*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.00*	
		For Posts 8' On Centers, Add	*1.02*	
		For Posts 5' On Centers, Add	*3.88*	
		For Up To 100, Add	*3.67*	
		For >100 To 250, Add	*1.38*	
32 31 13 00-0120	LF	3'-6" Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post	18.89	2.42
		For Installation In Concrete (Excludes Drilling), Add	*0.97*	
		For 13 Gauge Fabric, Deduct	*-3.21*	
		For 11 Gauge Fabric, Deduct	*-1.88*	
		For 6 Gauge Fabric, Add	*2.95*	
		For 1" Mesh Fabric, Add	*4.02*	
		For 1-3/4" Mesh Fabric, Add	*1.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.80*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.07*	
		For Posts 8' On Centers, Add	*1.06*	
		For Posts 5' On Centers, Add	*4.03*	
		For Up To 100, Add	*3.80*	
		For >100 To 250, Add	*1.43*	
32 31 13 00-0121	LF	4' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post	19.57	2.42
		For Installation In Concrete (Excludes Drilling), Add	*0.98*	
		For 13 Gauge Fabric, Deduct	*-3.40*	
		For 11 Gauge Fabric, Deduct	*-1.98*	
		For 6 Gauge Fabric, Add	*3.12*	
		For 1" Mesh Fabric, Add	*4.25*	
		For 1-3/4" Mesh Fabric, Add	*1.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.85*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.13*	
		For Posts 8' On Centers, Add	*1.10*	
		For Posts 5' On Centers, Add	*4.16*	
		For Up To 100, Add	*3.92*	
		For >100 To 250, Add	*1.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0122	LF	5' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post	21.19	2.42
		For Installation In Concrete (Excludes Drilling), Add	*1.01*	
		For 13 Gauge Fabric, Deduct	*-3.85*	
		For 11 Gauge Fabric, Deduct	*-2.25*	
		For 6 Gauge Fabric, Add	*3.53*	
		For 1" Mesh Fabric, Add	*4.82*	
		For 1-3/4" Mesh Fabric, Add	*1.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.96*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.28*	
		For Posts 8' On Centers, Add	*1.18*	
		For Posts 5' On Centers, Add	*4.47*	
		For Up To 100, Add	*4.19*	
		For >100 To 250, Add	*1.57*	
32 31 13 00-0123	LF	6' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post	23.14	2.42
		For Installation In Concrete (Excludes Drilling), Add	*1.08*	
		For 13 Gauge Fabric, Deduct	*-4.30*	
		For 11 Gauge Fabric, Deduct	*-2.51*	
		For 6 Gauge Fabric, Add	*3.95*	
		For 1" Mesh Fabric, Add	*5.38*	
		For 1-3/4" Mesh Fabric, Add	*2.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.08*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.43*	
		For Posts 8' On Centers, Add	*1.29*	
		For Posts 5' On Centers, Add	*4.87*	
		For Up To 100, Add	*4.55*	
		For >100 To 250, Add	*1.70*	
32 31 13 00-0124	LF	7' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post	24.29	3.64
		For Installation In Concrete (Excludes Drilling), Add	*1.12*	
		For 13 Gauge Fabric, Deduct	*-4.56*	
		For 11 Gauge Fabric, Deduct	*-2.66*	
		For 6 Gauge Fabric, Add	*4.18*	
		For 1" Mesh Fabric, Add	*5.70*	
		For 1-3/4" Mesh Fabric, Add	*2.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.14*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.52*	
		For Posts 8' On Centers, Add	*1.35*	
		For Posts 5' On Centers, Add	*5.10*	
		For Up To 100, Add	*4.76*	
		For >100 To 250, Add	*1.77*	
32 31 13 00-0125	LF	8' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post	27.44	4.24
		For Installation In Concrete (Excludes Drilling), Add	*1.19*	
		For 13 Gauge Fabric, Deduct	*-5.40*	
		For 11 Gauge Fabric, Deduct	*-3.15*	
		For 6 Gauge Fabric, Add	*4.95*	
		For 1" Mesh Fabric, Add	*6.76*	
		For 1-3/4" Mesh Fabric, Add	*2.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.35*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.80*	
		For Posts 8' On Centers, Add	*1.51*	
		For Posts 5' On Centers, Add	*5.71*	
		For Up To 100, Add	*5.31*	
		For >100 To 250, Add	*1.97*	
32 31 13 00-0126	LF	9' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post	29.45	5.45
		For Installation In Concrete (Excludes Drilling), Add	*1.25*	
		For 13 Gauge Fabric, Deduct	*-5.90*	
		For 11 Gauge Fabric, Deduct	*-3.45*	
		For 6 Gauge Fabric, Add	*5.42*	
		For 1" Mesh Fabric, Add	*7.39*	
		For 1-3/4" Mesh Fabric, Add	*2.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.48*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.97*	
		For Posts 8' On Centers, Add	*1.62*	
		For Posts 5' On Centers, Add	*6.11*	
		For Up To 100, Add	*5.66*	
		For >100 To 250, Add	*2.10*	
32 31 13 00-0127	LF	10' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post	31.47	6.06
		For Installation In Concrete (Excludes Drilling), Add	*1.30*	
		For 13 Gauge Fabric, Deduct	*-6.40*	
		For 11 Gauge Fabric, Deduct	*-3.74*	
		For 6 Gauge Fabric, Add	*5.88*	
		For 1" Mesh Fabric, Add	*8.02*	
		For 1-3/4" Mesh Fabric, Add	*3.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.60*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.14*	
		For Posts 8' On Centers, Add	*1.73*	
		For Posts 5' On Centers, Add	*6.51*	
		For Up To 100, Add	*6.02*	
		For >100 To 250, Add	*2.23*	

32 31 13 00-0128 Vinyl Coated *(32 31 13 00-0117)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0129	LF	4' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post	20.52	2.42
		For Powder Coated, Add	*2.14*	
		For Aluminum Coated, Add	*4.29*	
		For Installation In Concrete (Excludes Drilling), Add	*0.98*	
		For 13 Gauge Fabric, Deduct	*-3.73*	
		For 11 Gauge Fabric, Deduct	*-2.18*	
		For 6 Gauge Fabric, Add	*3.42*	
		For 1" Mesh Fabric, Add	*4.66*	
		For 1-3/4" Mesh Fabric, Add	*1.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.93*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.24*	
		For Posts 8' On Centers, Add	*1.14*	
		For Posts 5' On Centers, Add	*4.33*	
		For Up To 100, Add	*4.06*	
		For >100 To 250, Add	*1.52*	
32 31 13 00-0130	LF	5' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post	22.38	2.42
		For Powder Coated, Add	*2.45*	
		For Aluminum Coated, Add	*4.90*	
		For Installation In Concrete (Excludes Drilling), Add	*1.01*	
		For 13 Gauge Fabric, Deduct	*-4.26*	
		For 11 Gauge Fabric, Deduct	*-2.49*	
		For 6 Gauge Fabric, Add	*3.91*	
		For 1" Mesh Fabric, Add	*5.33*	
		For 1-3/4" Mesh Fabric, Add	*2.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.07*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.42*	
		For Posts 8' On Centers, Add	*1.24*	
		For Posts 5' On Centers, Add	*4.69*	
		For Up To 100, Add	*4.37*	
		For >100 To 250, Add	*1.63*	
32 31 13 00-0131	LF	6' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post	25.57	2.42
		For Powder Coated, Add	*2.96*	
		For Aluminum Coated, Add	*5.92*	
		For Installation In Concrete (Excludes Drilling), Add	*1.08*	
		For 13 Gauge Fabric, Deduct	*-5.14*	
		For 11 Gauge Fabric, Deduct	*-3.00*	
		For 6 Gauge Fabric, Add	*4.72*	
		For 1" Mesh Fabric, Add	*6.44*	
		For 1-3/4" Mesh Fabric, Add	*2.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.29*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.72*	
		For Posts 8' On Centers, Add	*1.41*	
		For Posts 5' On Centers, Add	*5.30*	
		For Up To 100, Add	*4.91*	
		For >100 To 250, Add	*1.82*	
32 31 13 00-0132	LF	7' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post	27.11	3.64
		For Powder Coated, Add	*3.19*	
		For Aluminum Coated, Add	*6.37*	
		For Installation In Concrete (Excludes Drilling), Add	*1.12*	
		For 13 Gauge Fabric, Deduct	*-5.54*	
		For 11 Gauge Fabric, Deduct	*-3.23*	
		For 6 Gauge Fabric, Add	*5.08*	
		For 1" Mesh Fabric, Add	*6.93*	
		For 1-3/4" Mesh Fabric, Add	*2.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.39*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.85*	
		For Posts 8' On Centers, Add	*1.49*	
		For Posts 5' On Centers, Add	*5.61*	
		For Up To 100, Add	*5.18*	
		For >100 To 250, Add	*1.91*	
32 31 13 00-0133	LF	8' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post	30.73	4.24
		For Powder Coated, Add	*3.76*	
		For Aluminum Coated, Add	*7.53*	
		For Installation In Concrete (Excludes Drilling), Add	*1.19*	
		For 13 Gauge Fabric, Deduct	*-6.54*	
		For 11 Gauge Fabric, Deduct	*-3.82*	
		For 6 Gauge Fabric, Add	*6.00*	
		For 1" Mesh Fabric, Add	*8.19*	
		For 1-3/4" Mesh Fabric, Add	*3.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.64*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.18*	
		For Posts 8' On Centers, Add	*1.68*	
		For Posts 5' On Centers, Add	*6.31*	
		For Up To 100, Add	*5.80*	
		For >100 To 250, Add	*2.13*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0134	LF	9' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post	32.98	5.45
		For Powder Coated, Add	*4.10*	
		For Aluminum Coated, Add	*8.20*	
		For Installation In Concrete (Excludes Drilling), Add	*1.25*	
		For 13 Gauge Fabric, Deduct	*-7.13*	
		For 11 Gauge Fabric, Deduct	*-4.16*	
		For 6 Gauge Fabric, Add	*6.54*	
		For 1" Mesh Fabric, Add	*8.92*	
		For 1-3/4" Mesh Fabric, Add	*3.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.78*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.38*	
		For Posts 8' On Centers, Add	*1.80*	
		For Posts 5' On Centers, Add	*6.75*	
		For Up To 100, Add	*6.19*	
		For >100 To 250, Add	*2.27*	
32 31 13 00-0135	LF	10' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post	35.24	6.06
		For Powder Coated, Add	*4.44*	
		For Aluminum Coated, Add	*8.88*	
		For Installation In Concrete (Excludes Drilling), Add	*1.30*	
		For 13 Gauge Fabric, Deduct	*-7.71*	
		For 11 Gauge Fabric, Deduct	*-4.51*	
		For 6 Gauge Fabric, Add	*7.08*	
		For 1" Mesh Fabric, Add	*9.66*	
		For 1-3/4" Mesh Fabric, Add	*3.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.93*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.58*	
		For Posts 8' On Centers, Add	*1.92*	
		For Posts 5' On Centers, Add	*7.19*	
		For Up To 100, Add	*6.59*	
		For >100 To 250, Add	*2.41*	

32 31 13 00-0136 Rails *(32 31 13)*

Note: Includes rail end fittings.

32 31 13 00-0137 SS-20 Chain Link Fence Rails *(32 31 13 00-0136)*

Note: Includes tie wires.

32 31 13 00-0138	LF	1-3/8" Galvanized Steel Rail, 0.08" Wall Thickness, Tie Wires And Fittings	2.93	0.78
		For SS15, Deduct	*-0.13*	
		For SS40, Add	*0.32*	
32 31 13 00-0139	LF	1-3/8" Vinyl Coated Rail, 0.08" Wall Thickness, Tie Wires And Fittings	3.64	0.78
		For SS40, Add	*0.20*	
		For Powder Coated, Add	*0.40*	
		For Aluminum Coated, Add	*0.80*	
32 31 13 00-0140	LF	1-5/8" Galvanized Steel Rail, 0.085" Wall Thickness, Tie Wires And Fittings	3.51	0.89
		For SS15, Deduct	*-0.17*	
		For SS40, Add	*0.43*	
32 31 13 00-0141	LF	1-5/8" Vinyl Coated Rail, 0.085" Wall Thickness, Tie Wires And Fittings	4.45	0.89
		For SS40, Add	*0.27*	
		For Powder Coated, Add	*0.53*	
		For Aluminum Coated, Add	*1.07*	
32 31 13 00-0142	LF	2" Galvanized Steel Rail, 0.09" Wall Thickness, Tie Wires And Fittings	4.07	1.00
		For SS40, Add	*0.52*	
32 31 13 00-0143	LF	2" Vinyl Coated Rail, 0.09" Wall Thickness, Tie Wires And Fittings	5.20	1.00
		For SS40, Add	*0.32*	
		For Powder Coated, Add	*0.64*	
		For Aluminum Coated, Add	*1.28*	

32 31 13 00-0144 Fabric *(32 31 13)*

32 31 13 00-0145 Fabric, Galvanized Chain Link *(32 31 13 00-0144)*

32 31 13 00-0146	LF	3' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	6.97	1.43
		For 2 Oz Galvanized Coating, Add	*0.70*	
		For 13 Gauge Fabric, Deduct	*-1.40*	
		For 11 Gauge Fabric, Deduct	*-0.82*	
		For 6 Gauge Fabric, Add	*1.28*	
		For 1" Mesh Fabric, Add	*1.75*	
		For 1-3/4" Mesh Fabric, Add	*0.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.35*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.47*	
32 31 13 00-0147	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	7.71	1.60
		For 2 Oz Galvanized Coating, Add	*0.82*	
		For 13 Gauge Fabric, Deduct	*-1.63*	
		For 11 Gauge Fabric, Deduct	*-0.95*	
		For 6 Gauge Fabric, Add	*1.50*	
		For 1" Mesh Fabric, Add	*2.04*	
		For 1-3/4" Mesh Fabric, Add	*0.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.41*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.54*	
32 31 13 00-0148	LF	4' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	8.34	1.78
		For 2 Oz Galvanized Coating, Add	*0.90*	
		For 13 Gauge Fabric, Deduct	*-1.79*	
		For 11 Gauge Fabric, Deduct	*-1.05*	
		For 6 Gauge Fabric, Add	*1.64*	
		For 1" Mesh Fabric, Add	*2.24*	
		For 1-3/4" Mesh Fabric, Add	*0.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.45*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0149	LF	5' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	9.44	2.14
		For 2 Oz Galvanized Coating, Add	*1.12*	
		For 13 Gauge Fabric, Deduct	*-2.24*	
		For 11 Gauge Fabric, Deduct	*-1.31*	
		For 6 Gauge Fabric, Add	*2.05*	
		For 1" Mesh Fabric, Add	*2.80*	
		For 1-3/4" Mesh Fabric, Add	*1.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.56*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.75*	
32 31 13 00-0150	LF	6' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	10.60	2.50
		For 2 Oz Galvanized Coating, Add	*1.34*	
		For 13 Gauge Fabric, Deduct	*-2.69*	
		For 11 Gauge Fabric, Deduct	*-1.57*	
		For 6 Gauge Fabric, Add	*2.46*	
		For 1" Mesh Fabric, Add	*3.36*	
		For 1-3/4" Mesh Fabric, Add	*1.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.67*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.90*	
32 31 13 00-0151	LF	7' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	11.80	2.85
		For 2 Oz Galvanized Coating, Add	*1.57*	
		For 13 Gauge Fabric, Deduct	*-3.13*	
		For 11 Gauge Fabric, Deduct	*-1.83*	
		For 6 Gauge Fabric, Add	*2.87*	
		For 1" Mesh Fabric, Add	*3.92*	
		For 1-3/4" Mesh Fabric, Add	*1.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.78*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.04*	
32 31 13 00-0152	LF	8' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	13.11	3.57
		For 2 Oz Galvanized Coating, Add	*1.79*	
		For 13 Gauge Fabric, Deduct	*-3.59*	
		For 11 Gauge Fabric, Deduct	*-2.09*	
		For 6 Gauge Fabric, Add	*3.29*	
		For 1" Mesh Fabric, Add	*4.49*	
		For 1-3/4" Mesh Fabric, Add	*1.79*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.90*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.20*	
32 31 13 00-0153	LF	10' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	15.63	3.92
		For 2 Oz Galvanized Coating, Add	*2.33*	
		For 13 Gauge Fabric, Deduct	*-4.66*	
		For 11 Gauge Fabric, Deduct	*-2.72*	
		For 6 Gauge Fabric, Add	*4.27*	
		For 1" Mesh Fabric, Add	*5.82*	
		For 1-3/4" Mesh Fabric, Add	*2.33*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.16*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.55*	
32 31 13 00-0154	LF	12' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	17.86	4.28
		For 2 Oz Galvanized Coating, Add	*2.79*	
		For 13 Gauge Fabric, Deduct	*-5.58*	
		For 11 Gauge Fabric, Deduct	*-3.26*	
		For 6 Gauge Fabric, Add	*5.12*	
		For 1" Mesh Fabric, Add	*6.98*	
		For 1-3/4" Mesh Fabric, Add	*2.79*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.40*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.86*	
32 31 13 00-0155	LF	14' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	19.98	4.99
		For 2 Oz Galvanized Coating, Add	*3.00*	
		For 13 Gauge Fabric, Deduct	*-5.99*	
		For 11 Gauge Fabric, Deduct	*-3.50*	
		For 6 Gauge Fabric, Add	*5.49*	
		For 1" Mesh Fabric, Add	*7.49*	
		For 1-3/4" Mesh Fabric, Add	*3.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.50*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.00*	
32 31 13 00-0156	LF	16' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	22.09	5.71
		For 2 Oz Galvanized Coating, Add	*3.20*	
		For 13 Gauge Fabric, Deduct	*-6.41*	
		For 11 Gauge Fabric, Deduct	*-3.74*	
		For 6 Gauge Fabric, Add	*5.87*	
		For 1" Mesh Fabric, Add	*8.01*	
		For 1-3/4" Mesh Fabric, Add	*3.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.60*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.14*	
32 31 13 00-0157	SF	>16' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	1.38	0.34
		For 2 Oz Galvanized Coating, Add	*0.20*	
		For 13 Gauge Fabric, Deduct	*-0.40*	
		For 11 Gauge Fabric, Deduct	*-0.23*	
		For 6 Gauge Fabric, Add	*0.37*	
		For 1" Mesh Fabric, Add	*0.50*	
		For 1-3/4" Mesh Fabric, Add	*0.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.10*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.13*	

32 31 13 00-0158 Fabric, Vinyl Coated Chain Link *(32 31 13 00-0144)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0159	LF	4' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	9.29	1.43
		For 13 Gauge Fabric, Deduct	*-2.36*	
		For 11 Gauge Fabric, Deduct	*-1.38*	
		For 6 Gauge Fabric, Add	*2.17*	
		For 1" Mesh Fabric, Add	*2.96*	
		For 1-3/4" Mesh Fabric, Add	*1.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.59*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.79*	
		For Powder Coated, Add	*0.79*	
		For Aluminum Coated, Add	*1.58*	
32 31 13 00-0160	LF	5' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	10.64	2.14
		For 13 Gauge Fabric, Deduct	*-2.96*	
		For 11 Gauge Fabric, Deduct	*-1.73*	
		For 6 Gauge Fabric, Add	*2.71*	
		For 1" Mesh Fabric, Add	*3.70*	
		For 1-3/4" Mesh Fabric, Add	*1.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.74*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.99*	
		For Powder Coated, Add	*0.99*	
		For Aluminum Coated, Add	*1.97*	
32 31 13 00-0161	LF	6' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	13.03	2.50
		For 13 Gauge Fabric, Deduct	*-4.15*	
		For 11 Gauge Fabric, Deduct	*-2.42*	
		For 6 Gauge Fabric, Add	*3.80*	
		For 1" Mesh Fabric, Add	*5.18*	
		For 1-3/4" Mesh Fabric, Add	*2.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.04*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.38*	
		For Powder Coated, Add	*1.38*	
		For Aluminum Coated, Add	*2.76*	
32 31 13 00-0162	LF	7' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	14.62	2.85
		For 13 Gauge Fabric, Deduct	*-4.82*	
		For 11 Gauge Fabric, Deduct	*-2.81*	
		For 6 Gauge Fabric, Add	*4.42*	
		For 1" Mesh Fabric, Add	*6.03*	
		For 1-3/4" Mesh Fabric, Add	*2.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.21*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.61*	
		For Powder Coated, Add	*1.61*	
		For Aluminum Coated, Add	*3.22*	
32 31 13 00-0163	LF	8' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	16.39	3.57
		For 13 Gauge Fabric, Deduct	*-5.56*	
		For 11 Gauge Fabric, Deduct	*-3.24*	
		For 6 Gauge Fabric, Add	*5.09*	
		For 1" Mesh Fabric, Add	*6.95*	
		For 1-3/4" Mesh Fabric, Add	*2.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.39*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.85*	
		For Powder Coated, Add	*1.85*	
		For Aluminum Coated, Add	*3.70*	
32 31 13 00-0164	LF	10' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	19.40	3.92
		For 13 Gauge Fabric, Deduct	*-6.92*	
		For 11 Gauge Fabric, Deduct	*-4.04*	
		For 6 Gauge Fabric, Add	*6.34*	
		For 1" Mesh Fabric, Add	*8.65*	
		For 1-3/4" Mesh Fabric, Add	*3.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.73*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.31*	
		For Powder Coated, Add	*2.31*	
		For Aluminum Coated, Add	*4.61*	
32 31 13 00-0165	LF	12' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	21.18	4.28
		For 13 Gauge Fabric, Deduct	*-7.57*	
		For 11 Gauge Fabric, Deduct	*-4.42*	
		For 6 Gauge Fabric, Add	*6.94*	
		For 1" Mesh Fabric, Add	*9.47*	
		For 1-3/4" Mesh Fabric, Add	*3.79*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.89*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.52*	
		For Powder Coated, Add	*2.52*	
		For Aluminum Coated, Add	*5.05*	
32 31 13 00-0166	LF	14' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	23.87	4.99
		For 13 Gauge Fabric, Deduct	*-8.33*	
		For 11 Gauge Fabric, Deduct	*-4.86*	
		For 6 Gauge Fabric, Add	*7.63*	
		For 1" Mesh Fabric, Add	*10.41*	
		For 1-3/4" Mesh Fabric, Add	*4.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.08*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.78*	
		For Powder Coated, Add	*2.78*	
		For Aluminum Coated, Add	*5.55*	
32 31 13 00-0167	LF	16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	26.63	5.71
		For 13 Gauge Fabric, Deduct	*-9.13*	
		For 11 Gauge Fabric, Deduct	*-5.33*	
		For 6 Gauge Fabric, Add	*8.37*	
		For 1" Mesh Fabric, Add	*11.42*	
		For 1-3/4" Mesh Fabric, Add	*4.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.28*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.04*	
		For Powder Coated, Add	*3.04*	
		For Aluminum Coated, Add	*6.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0168	SF	>16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	1.66	0.34
		For 13 Gauge Fabric, Deduct	*-0.57*	
		For 11 Gauge Fabric, Deduct	*-0.33*	
		For 6 Gauge Fabric, Add	*0.52*	
		For 1" Mesh Fabric, Add	*0.71*	
		For 1-3/4" Mesh Fabric, Add	*0.29*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.14*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.19*	
		For Powder Coated, Add	*0.19*	
		For Aluminum Coated, Add	*0.38*	
32 31 13 00-0169		**Fence Inserts** *(32 31 13 00-0144)*		
		Note: For use with new or existing chain link fence, per lf of fence.		
32 31 13 00-0170		**Vinyl Plastic Fence Inserts** *(32 31 13 00-0169)*		
		Note: Assorted colors.		
32 31 13 00-0171	LF	3' High Fence, Vinyl Plastic Fence Insert	5.45	
32 31 13 00-0172	LF	3-1/2' High Fence, Vinyl Plastic Fence Insert	6.26	
32 31 13 00-0173	LF	4' High Fence, Vinyl Plastic Fence Insert	6.91	
32 31 13 00-0174	LF	5' High Fence, Vinyl Plastic Fence Insert	8.66	
32 31 13 00-0175	LF	6' High Fence, Vinyl Plastic Fence Insert	10.37	
32 31 13 00-0176	LF	7' High Fence, Vinyl Plastic Fence Insert	12.12	
32 31 13 00-0177	LF	8' High Fence, Vinyl Plastic Fence Insert	13.81	
32 31 13 00-0178	LF	10' High Fence, Vinyl Plastic Fence Insert	16.25	
32 31 13 00-0179		**Aluminum Fence Inserts** *(32 31 13 00-0169)*		
		Note: Assorted colors.		
32 31 13 00-0180	LF	3' High Fence, Aluminum Fence Insert	11.75	
32 31 13 00-0181	LF	3-1/2' High Fence, Aluminum Fence Insert	13.01	
32 31 13 00-0182	LF	4' High Fence, Aluminum Fence Insert	15.25	
32 31 13 00-0183	LF	5' High Fence, Aluminum Fence Insert	19.11	
32 31 13 00-0184	LF	6' High Fence, Aluminum Fence Insert	22.92	
32 31 13 00-0185	LF	7' High Fence, Aluminum Fence Insert	25.46	
32 31 13 00-0186	LF	8' High Fence, Aluminum Fence Insert	30.55	
32 31 13 00-0187	LF	10' High Fence, Aluminum Fence Insert	37.22	
32 31 13 00-0188		**Redwood Fence Inserts** *(32 31 13 00-0169)*		
32 31 13 00-0189	LF	4' High Fence, Redwood Fence Insert	8.73	
32 31 13 00-0190	LF	5' High Fence, Redwood Fence Insert	11.07	
32 31 13 00-0191	LF	6' High Fence, Redwood Fence Insert	13.30	
32 31 13 00-0192	LF	7' High Fence, Redwood Fence Insert	15.48	
32 31 13 00-0193	LF	8' High Fence, Redwood Fence Insert	17.72	
32 31 13 00-0194		**Diagonal Flexible Polyethylene Inserts** *(32 31 13 00-0169)*		
32 31 13 00-0195	SF	Diagonal Polyethylene Fence Weave	2.29	
32 31 13 00-0196		**Hedge Link Fence Inserts** *(32 31 13 00-0169)*		
32 31 13 00-0197	LF	3' High Fence, Hedge Link Fence Insert	11.62	
32 31 13 00-0198	LF	3-1/2' High Fence, Hedge Link Fence Insert	13.22	
32 31 13 00-0199	LF	4' High Fence, Hedge Link Fence Insert	15.67	
32 31 13 00-0200	LF	5' High Fence, Hedge Link Fence Insert	19.38	
32 31 13 00-0201	LF	6' High Fence, Hedge Link Fence Insert	22.32	
32 31 13 00-0202	LF	7' High Fence, Hedge Link Fence Insert	27.87	
32 31 13 00-0203	LF	8' High Fence, Hedge Link Fence Insert	31.67	
32 31 13 00-0204	LF	10' High Fence, Hedge Link Fence Insert	37.67	
32 31 13 00-0205		**Fence Windscreen Fabric** *(32 31 13 00-0144)*		
		Note: Attached to fence with plastic wire clips.		
32 31 13 00-0206	SF	Vinyl Coated Polyester Windscreen For Fence, 7 Oz Per SY	1.73	
		For Sewn Boxed Vent (Each), Add	*13.52*	
		For Welded Boxed Vent (Each), Add	*6.76*	
		For 4' x 4' One Color Logo (Each), Add	*281.72*	
32 31 13 00-0207		**Non-Climbable Fabric, Galvanized Chain Link** *(32 31 13 00-0144)*		
32 31 13 00-0208	LF	3' Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh	16.60	1.43
		For 11 Gauge, Deduct	*-2.39*	
		For 10 Gauge, Deduct	*-0.96*	
		For 7 Gauge, Add	*1.44*	
		For 6 Gauge, Add	*3.35*	
		For 1/2" Mesh Fabric, Deduct	*-0.60*	
		For 5/8" Mesh Fabric, Deduct	*-1.32*	
		For 3/4" Mesh Fabric, Deduct	*-1.91*	
32 31 13 00-0209	LF	3'-6" Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh	18.94	1.60
		For 11 Gauge, Deduct	*-2.79*	
		For 10 Gauge, Deduct	*-1.12*	
		For 7 Gauge, Add	*1.67*	
		For 6 Gauge, Add	*3.91*	
		For 1/2" Mesh Fabric, Deduct	*-0.70*	
		For 5/8" Mesh Fabric, Deduct	*-1.53*	
		For 3/4" Mesh Fabric, Deduct	*-2.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0210	LF	4' Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh	21.31	1.78
		For 11 Gauge, Deduct	*-3.19*	
		For 10 Gauge, Deduct	*-1.28*	
		For 7 Gauge, Add	*1.92*	
		For 6 Gauge, Add	*4.47*	
		For 1/2" Mesh Fabric, Deduct	*-0.80*	
		For 5/8" Mesh Fabric, Deduct	*-1.76*	
		For 3/4" Mesh Fabric, Deduct	*-2.55*	
32 31 13 00-0211	LF	5' Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh	25.65	2.14
		For 11 Gauge, Deduct	*-3.99*	
		For 10 Gauge, Deduct	*-1.60*	
		For 7 Gauge, Add	*2.39*	
		For 6 Gauge, Add	*5.58*	
		For 1/2" Mesh Fabric, Deduct	*-1.00*	
		For 5/8" Mesh Fabric, Deduct	*-2.19*	
		For 3/4" Mesh Fabric, Deduct	*-3.19*	
32 31 13 00-0212	LF	6' Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh	30.04	2.50
		For 11 Gauge, Deduct	*-4.78*	
		For 10 Gauge, Deduct	*-1.91*	
		For 7 Gauge, Add	*2.87*	
		For 6 Gauge, Add	*6.70*	
		For 1/2" Mesh Fabric, Deduct	*-1.20*	
		For 5/8" Mesh Fabric, Deduct	*-2.63*	
		For 3/4" Mesh Fabric, Deduct	*-3.83*	
32 31 13 00-0213	LF	7' Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh	34.49	2.85
		For 11 Gauge, Deduct	*-5.58*	
		For 10 Gauge, Deduct	*-2.23*	
		For 7 Gauge, Add	*3.35*	
		For 6 Gauge, Add	*7.81*	
		For 1/2" Mesh Fabric, Deduct	*-1.40*	
		For 5/8" Mesh Fabric, Deduct	*-3.07*	
		For 3/4" Mesh Fabric, Deduct	*-4.47*	
32 31 13 00-0214	LF	8' Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh	39.03	3.57
		For 11 Gauge, Deduct	*-6.38*	
		For 10 Gauge, Deduct	*-2.55*	
		For 7 Gauge, Add	*3.83*	
		For 6 Gauge, Add	*8.93*	
		For 1/2" Mesh Fabric, Deduct	*-1.60*	
		For 5/8" Mesh Fabric, Deduct	*-3.51*	
		For 3/4" Mesh Fabric, Deduct	*-5.10*	
32 31 13 00-0215	LF	9' Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh	43.00	3.74
		For 11 Gauge, Deduct	*-7.10*	
		For 10 Gauge, Deduct	*-2.84*	
		For 7 Gauge, Add	*4.26*	
		For 6 Gauge, Add	*9.94*	
		For 1/2" Mesh Fabric, Deduct	*-1.78*	
		For 5/8" Mesh Fabric, Deduct	*-3.91*	
		For 3/4" Mesh Fabric, Deduct	*-5.68*	
32 31 13 00-0216	LF	10' Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh	46.99	3.92
		For 11 Gauge, Deduct	*-7.82*	
		For 10 Gauge, Deduct	*-3.13*	
		For 7 Gauge, Add	*4.69*	
		For 6 Gauge, Add	*10.95*	
		For 1/2" Mesh Fabric, Deduct	*-1.96*	
		For 5/8" Mesh Fabric, Deduct	*-4.30*	
		For 3/4" Mesh Fabric, Deduct	*-6.26*	
32 31 13 00-0217	LF	12' Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh	50.97	4.28
		For 11 Gauge, Deduct	*-8.48*	
		For 10 Gauge, Deduct	*-3.39*	
		For 7 Gauge, Add	*5.09*	
		For 6 Gauge, Add	*11.87*	
		For 1/2" Mesh Fabric, Deduct	*-2.12*	
		For 5/8" Mesh Fabric, Deduct	*-4.67*	
		For 3/4" Mesh Fabric, Deduct	*-6.79*	

32 31 13 00-0218 Gates *(32 31 13)*

Note: Posts exclude drilling or augering in soil or rock. For barbed wire attached directly to posts and gates, select gates and posts sizes for full finished height of gate above grade (top rail to be at lower height, includes barb wire at top area where mesh would be). See CSI section 08 79 00 00-0001 for padlocks, 08 79 00 00-0002 for padlocks.

32 31 13 00-0219 Galvanized Steel Without Barbed Wire *(32 31 13 00-0218)*

Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

32 31 13 00-0220 4' Fence Height *(32 31 13 00-0219)*

32 31 13 00-0221	EA	3' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	145.37	18.28
		For Gate With Single Barb Wire Arm, Add	*9.71*	
		For Gate With Double Barb Wire Arm, Add	*14.12*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-16.55*	
		For Aluminized Steel Gate And Post, Add	*42.36*	
		For Powder Coated Gate And Post, Add	*22.94*	
32 31 13 00-0222	EA	4' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	174.78	19.04
		For Gate With Single Barb Wire Arm, Add	*12.94*	
		For Gate With Double Barb Wire Arm, Add	*18.82*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-22.06*	
		For Aluminized Steel Gate And Post, Add	*56.47*	
		For Powder Coated Gate And Post, Add	*30.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0223	EA	5' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	202.99	20.26
		For Gate With Single Barb Wire Arm, Add	*15.63*	
		For Gate With Double Barb Wire Arm, Add	*22.73*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-26.63*	
		For Aluminized Steel Gate And Post, Add	*68.18*	
		For Powder Coated Gate And Post, Add	*36.93*	
32 31 13 00-0224	EA	6' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	239.58	24.38
		For Gate With Single Barb Wire Arm, Add	*18.31*	
		For Gate With Double Barb Wire Arm, Add	*26.63*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-31.21*	
		For Aluminized Steel Gate And Post, Add	*79.89*	
		For Powder Coated Gate And Post, Add	*43.27*	
32 31 13 00-0225	EA	7' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	276.15	28.41
		For Gate With Single Barb Wire Arm, Add	*20.99*	
		For Gate With Double Barb Wire Arm, Add	*30.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-35.78*	
		For Aluminized Steel Gate And Post, Add	*91.60*	
		For Powder Coated Gate And Post, Add	*49.62*	
32 31 13 00-0226	EA	8' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	313.73	32.45
		For Gate With Single Barb Wire Arm, Add	*23.78*	
		For Gate With Double Barb Wire Arm, Add	*34.60*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-40.54*	
		For Aluminized Steel Gate And Post, Add	*103.79*	
		For Powder Coated Gate And Post, Add	*56.22*	
32 31 13 00-0227	EA	9' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	350.31	36.56
		For Gate With Single Barb Wire Arm, Add	*26.47*	
		For Gate With Double Barb Wire Arm, Add	*38.50*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-45.12*	
		For Aluminized Steel Gate And Post, Add	*115.50*	
		For Powder Coated Gate And Post, Add	*62.56*	
32 31 13 00-0228	EA	10' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	387.31	40.60
		For Gate With Single Barb Wire Arm, Add	*29.20*	
		For Gate With Double Barb Wire Arm, Add	*42.47*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-49.77*	
		For Aluminized Steel Gate And Post, Add	*127.41*	
		For Powder Coated Gate And Post, Add	*69.01*	
32 31 13 00-0229	EA	10' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	474.84	40.60
		For Gate With Single Barb Wire Arm, Add	*38.83*	
		For Gate With Double Barb Wire Arm, Add	*56.47*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-66.18*	
		For Aluminized Steel Gate And Post, Add	*169.42*	
		For Powder Coated Gate And Post, Add	*91.77*	
32 31 13 00-0230	EA	12' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	554.13	43.50
		For Gate With Single Barb Wire Arm, Add	*46.59*	
		For Gate With Double Barb Wire Arm, Add	*67.77*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-79.42*	
		For Aluminized Steel Gate And Post, Add	*203.30*	
		For Powder Coated Gate And Post, Add	*110.12*	
32 31 13 00-0231	EA	14' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	634.78	46.85
		For Gate With Single Barb Wire Arm, Add	*54.36*	
		For Gate With Double Barb Wire Arm, Add	*79.06*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-92.65*	
		For Aluminized Steel Gate And Post, Add	*237.19*	
		For Powder Coated Gate And Post, Add	*128.48*	
32 31 13 00-0232	EA	16' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	717.09	50.73
		For Gate With Single Barb Wire Arm, Add	*62.12*	
		For Gate With Double Barb Wire Arm, Add	*90.36*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-105.89*	
		For Aluminized Steel Gate And Post, Add	*271.08*	
		For Powder Coated Gate And Post, Add	*146.83*	
32 31 13 00-0233	EA	18' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	819.60	61.33
		For Gate With Single Barb Wire Arm, Add	*69.89*	
		For Gate With Double Barb Wire Arm, Add	*101.65*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-119.12*	
		For Aluminized Steel Gate And Post, Add	*304.96*	
		For Powder Coated Gate And Post, Add	*165.19*	
32 31 13 00-0234	EA	20' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	903.35	65.74
		For Gate With Single Barb Wire Arm, Add	*77.65*	
		For Gate With Double Barb Wire Arm, Add	*112.95*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-132.36*	
		For Aluminized Steel Gate And Post, Add	*338.84*	
		For Powder Coated Gate And Post, Add	*183.54*	
32 31 13 00-0235	EA	22' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	987.41	70.83
		For Gate With Single Barb Wire Arm, Add	*85.23*	
		For Gate With Double Barb Wire Arm, Add	*123.97*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-145.27*	
		For Aluminized Steel Gate And Post, Add	*371.90*	
		For Powder Coated Gate And Post, Add	*201.45*	
32 31 13 00-0236	EA	24' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,074.00	76.70
		For Gate With Single Barb Wire Arm, Add	*92.80*	
		For Gate With Double Barb Wire Arm, Add	*134.99*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-158.19*	
		For Aluminized Steel Gate And Post, Add	*404.96*	
		For Powder Coated Gate And Post, Add	*219.35*	
32 31 13 00-0237	EA	26' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,163.81	83.70
		For Gate With Single Barb Wire Arm, Add	*100.38*	
		For Gate With Double Barb Wire Arm, Add	*146.00*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-171.10*	
		For Aluminized Steel Gate And Post, Add	*438.01*	
		For Powder Coated Gate And Post, Add	*237.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0238	EA	28' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,231.99	92.08
		For Gate With Single Barb Wire Arm, Add	*105.11*	
		For Gate With Double Barb Wire Arm, Add	*152.89*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-179.17*	
		For Aluminized Steel Gate And Post, Add	*458.68*	
		For Powder Coated Gate And Post, Add	*248.45*	
32 31 13 00-0239	EA	30' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,366.01	102.27
		For Gate With Single Barb Wire Arm, Add	*116.48*	
		For Gate With Double Barb Wire Arm, Add	*169.42*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-198.54*	
		For Aluminized Steel Gate And Post, Add	*508.26*	
		For Powder Coated Gate And Post, Add	*275.31*	

32 31 13 00-0240 5' Fence Height *(32 31 13 00-0219)*

32 31 13 00-0241	EA	3' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	169.98	20.26
		For Gate With Single Barb Wire Arm, Add	*11.99*	
		For Gate With Double Barb Wire Arm, Add	*17.45*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-20.45*	
		For Aluminized Steel Gate And Post, Add	*52.34*	
		For Powder Coated Gate And Post, Add	*28.35*	
32 31 13 00-0242	EA	4' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	205.85	20.26
		For Gate With Single Barb Wire Arm, Add	*15.94*	
		For Gate With Double Barb Wire Arm, Add	*23.19*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-27.17*	
		For Aluminized Steel Gate And Post, Add	*69.56*	
		For Powder Coated Gate And Post, Add	*37.68*	
32 31 13 00-0243	EA	5' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	236.94	21.56
		For Gate With Single Barb Wire Arm, Add	*18.94*	
		For Gate With Double Barb Wire Arm, Add	*27.55*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-32.28*	
		For Aluminized Steel Gate And Post, Add	*82.65*	
		For Powder Coated Gate And Post, Add	*44.77*	
32 31 13 00-0244	EA	6' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	278.57	25.90
		For Gate With Single Barb Wire Arm, Add	*22.10*	
		For Gate With Double Barb Wire Arm, Add	*32.14*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-37.66*	
		For Aluminized Steel Gate And Post, Add	*96.42*	
		For Powder Coated Gate And Post, Add	*52.23*	
32 31 13 00-0245	EA	7' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	317.35	30.17
		For Gate With Single Barb Wire Arm, Add	*24.94*	
		For Gate With Double Barb Wire Arm, Add	*36.27*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-42.51*	
		For Aluminized Steel Gate And Post, Add	*108.82*	
		For Powder Coated Gate And Post, Add	*58.94*	
32 31 13 00-0246	EA	8' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	359.75	34.74
		For Gate With Single Barb Wire Arm, Add	*28.09*	
		For Gate With Double Barb Wire Arm, Add	*40.86*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-47.89*	
		For Aluminized Steel Gate And Post, Add	*122.59*	
		For Powder Coated Gate And Post, Add	*66.40*	
32 31 13 00-0247	EA	9' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	399.97	39.08
		For Gate With Single Barb Wire Arm, Add	*31.09*	
		For Gate With Double Barb Wire Arm, Add	*45.23*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-53.00*	
		For Aluminized Steel Gate And Post, Add	*135.68*	
		For Powder Coated Gate And Post, Add	*73.49*	
32 31 13 00-0248	EA	10' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	440.18	43.34
		For Gate With Single Barb Wire Arm, Add	*34.09*	
		For Gate With Double Barb Wire Arm, Add	*49.59*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-58.11*	
		For Aluminized Steel Gate And Post, Add	*148.76*	
		For Powder Coated Gate And Post, Add	*80.58*	
32 31 13 00-0249	EA	10' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	567.91	43.50
		For Gate With Single Barb Wire Arm, Add	*48.11*	
		For Gate With Double Barb Wire Arm, Add	*69.97*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-82.00*	
		For Aluminized Steel Gate And Post, Add	*209.92*	
		For Powder Coated Gate And Post, Add	*113.71*	
32 31 13 00-0250	EA	12' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	665.77	46.85
		For Gate With Single Barb Wire Arm, Add	*57.77*	
		For Gate With Double Barb Wire Arm, Add	*84.02*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-98.46*	
		For Aluminized Steel Gate And Post, Add	*252.07*	
		For Powder Coated Gate And Post, Add	*136.54*	
32 31 13 00-0251	EA	14' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	765.30	50.73
		For Gate With Single Barb Wire Arm, Add	*67.42*	
		For Gate With Double Barb Wire Arm, Add	*98.07*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-114.93*	
		For Aluminized Steel Gate And Post, Add	*294.22*	
		For Powder Coated Gate And Post, Add	*159.37*	
32 31 13 00-0252	EA	16' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	885.03	61.33
		For Gate With Single Barb Wire Arm, Add	*77.08*	
		For Gate With Double Barb Wire Arm, Add	*112.12*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-131.39*	
		For Aluminized Steel Gate And Post, Add	*336.36*	
		For Powder Coated Gate And Post, Add	*182.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0253	EA	18' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	984.27	65.74
		For Gate With Single Barb Wire Arm, Add	*86.55*	
		For Gate With Double Barb Wire Arm, Add	*125.89*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-147.53*	
		For Aluminized Steel Gate And Post, Add	*377.68*	
		For Powder Coated Gate And Post, Add	*204.58*	
32 31 13 00-0254	EA	20' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,089.00	70.83
		For Gate With Single Barb Wire Arm, Add	*96.40*	
		For Gate With Double Barb Wire Arm, Add	*140.22*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-164.32*	
		For Aluminized Steel Gate And Post, Add	*420.66*	
		For Powder Coated Gate And Post, Add	*227.86*	
32 31 13 00-0255	EA	22' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,194.53	76.70
		For Gate With Single Barb Wire Arm, Add	*106.06*	
		For Gate With Double Barb Wire Arm, Add	*154.27*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-180.79*	
		For Aluminized Steel Gate And Post, Add	*462.81*	
		For Powder Coated Gate And Post, Add	*250.69*	
32 31 13 00-0256	EA	24' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,301.55	83.70
		For Gate With Single Barb Wire Arm, Add	*115.53*	
		For Gate With Double Barb Wire Arm, Add	*168.04*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-196.93*	
		For Aluminized Steel Gate And Post, Add	*504.13*	
		For Powder Coated Gate And Post, Add	*273.07*	
32 31 13 00-0257	EA	26' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,416.22	92.08
		For Gate With Single Barb Wire Arm, Add	*125.38*	
		For Gate With Double Barb Wire Arm, Add	*182.37*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-213.71*	
		For Aluminized Steel Gate And Post, Add	*547.11*	
		For Powder Coated Gate And Post, Add	*296.35*	
32 31 13 00-0258	EA	28' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,533.66	102.27
		For Gate With Single Barb Wire Arm, Add	*134.92*	
		For Gate With Double Barb Wire Arm, Add	*196.24*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-229.97*	
		For Aluminized Steel Gate And Post, Add	*588.73*	
		For Powder Coated Gate And Post, Add	*318.90*	
32 31 13 00-0259	EA	30' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,657.49	115.05
		For Gate With Single Barb Wire Arm, Add	*144.32*	
		For Gate With Double Barb Wire Arm, Add	*209.92*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-246.00*	
		For Aluminized Steel Gate And Post, Add	*629.75*	
		For Powder Coated Gate And Post, Add	*341.11*	

32 31 13 00-0260 6' Fence Height *(32 31 13 00-0219)*

32 31 13 00-0261	EA	3' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	182.23	21.71
		For Gate With Single Barb Wire Arm, Add	*12.86*	
		For Gate With Double Barb Wire Arm, Add	*18.71*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-21.93*	
		For Aluminized Steel Gate And Post, Add	*56.13*	
		For Powder Coated Gate And Post, Add	*30.40*	
32 31 13 00-0262	EA	4' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	220.97	21.71
		For Gate With Single Barb Wire Arm, Add	*17.12*	
		For Gate With Double Barb Wire Arm, Add	*24.91*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-29.19*	
		For Aluminized Steel Gate And Post, Add	*74.73*	
		For Powder Coated Gate And Post, Add	*40.48*	
32 31 13 00-0263	EA	5' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	254.62	23.08
		For Gate With Single Barb Wire Arm, Add	*20.38*	
		For Gate With Double Barb Wire Arm, Add	*29.65*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-34.74*	
		For Aluminized Steel Gate And Post, Add	*88.94*	
		For Powder Coated Gate And Post, Add	*48.18*	
32 31 13 00-0264	EA	6' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	297.58	27.88
		For Gate With Single Barb Wire Arm, Add	*23.52*	
		For Gate With Double Barb Wire Arm, Add	*34.21*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-40.09*	
		For Aluminized Steel Gate And Post, Add	*102.62*	
		For Powder Coated Gate And Post, Add	*55.59*	
32 31 13 00-0265	EA	7' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	342.18	32.76
		For Gate With Single Barb Wire Arm, Add	*26.83*	
		For Gate With Double Barb Wire Arm, Add	*39.03*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-45.74*	
		For Aluminized Steel Gate And Post, Add	*117.08*	
		For Powder Coated Gate And Post, Add	*63.42*	
32 31 13 00-0266	EA	8' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	384.58	37.33
		For Gate With Single Barb Wire Arm, Add	*29.99*	
		For Gate With Double Barb Wire Arm, Add	*43.62*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-51.11*	
		For Aluminized Steel Gate And Post, Add	*130.85*	
		For Powder Coated Gate And Post, Add	*70.88*	
32 31 13 00-0267	EA	9' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	427.76	42.12
		For Gate With Single Barb Wire Arm, Add	*33.14*	
		For Gate With Double Barb Wire Arm, Add	*48.21*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-56.50*	
		For Aluminized Steel Gate And Post, Add	*144.63*	
		For Powder Coated Gate And Post, Add	*78.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0268	EA	10' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	458.01	46.92
		For Gate With Single Barb Wire Arm, Add	*34.88*	
		For Gate With Double Barb Wire Arm, Add	*50.73*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-59.45*	
		For Aluminized Steel Gate And Post, Add	*152.20*	
		For Powder Coated Gate And Post, Add	*82.44*	
32 31 13 00-0269	EA	10' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	607.23	46.85
		For Gate With Single Barb Wire Arm, Add	*51.33*	
		For Gate With Double Barb Wire Arm, Add	*74.66*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-87.49*	
		For Aluminized Steel Gate And Post, Add	*223.97*	
		For Powder Coated Gate And Post, Add	*121.32*	
32 31 13 00-0270	EA	12' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	711.92	50.73
		For Gate With Single Barb Wire Arm, Add	*61.55*	
		For Gate With Double Barb Wire Arm, Add	*89.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-104.92*	
		For Aluminized Steel Gate And Post, Add	*268.59*	
		For Powder Coated Gate And Post, Add	*145.49*	
32 31 13 00-0271	EA	14' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	851.70	65.74
		For Gate With Single Barb Wire Arm, Add	*71.97*	
		For Gate With Double Barb Wire Arm, Add	*104.68*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-122.68*	
		For Aluminized Steel Gate And Post, Add	*314.05*	
		For Powder Coated Gate And Post, Add	*170.11*	
32 31 13 00-0272	EA	16' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	959.86	70.83
		For Gate With Single Barb Wire Arm, Add	*82.20*	
		For Gate With Double Barb Wire Arm, Add	*119.56*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-140.11*	
		For Aluminized Steel Gate And Post, Add	*358.68*	
		For Powder Coated Gate And Post, Add	*194.28*	
32 31 13 00-0273	EA	18' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,072.28	76.70
		For Gate With Single Barb Wire Arm, Add	*92.61*	
		For Gate With Double Barb Wire Arm, Add	*134.71*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-157.86*	
		For Aluminized Steel Gate And Post, Add	*404.13*	
		For Powder Coated Gate And Post, Add	*218.90*	
32 31 13 00-0274	EA	20' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,187.92	83.70
		For Gate With Single Barb Wire Arm, Add	*103.03*	
		For Gate With Double Barb Wire Arm, Add	*149.86*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-175.62*	
		For Aluminized Steel Gate And Post, Add	*449.59*	
		For Powder Coated Gate And Post, Add	*243.53*	
32 31 13 00-0275	EA	22' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,306.02	92.08
		For Gate With Single Barb Wire Arm, Add	*113.26*	
		For Gate With Double Barb Wire Arm, Add	*164.74*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-193.05*	
		For Aluminized Steel Gate And Post, Add	*494.21*	
		For Powder Coated Gate And Post, Add	*267.70*	
32 31 13 00-0276	EA	24' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,430.58	102.27
		For Gate With Single Barb Wire Arm, Add	*123.58*	
		For Gate With Double Barb Wire Arm, Add	*179.75*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-210.65*	
		For Aluminized Steel Gate And Post, Add	*539.26*	
		For Powder Coated Gate And Post, Add	*292.10*	
32 31 13 00-0277	EA	26' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,561.76	115.05
		For Gate With Single Barb Wire Arm, Add	*133.79*	
		For Gate With Double Barb Wire Arm, Add	*194.60*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-228.05*	
		For Aluminized Steel Gate And Post, Add	*583.80*	
		For Powder Coated Gate And Post, Add	*316.23*	
32 31 13 00-0278	EA	28' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,705.14	131.46
		For Gate With Single Barb Wire Arm, Add	*144.13*	
		For Gate With Double Barb Wire Arm, Add	*209.64*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-245.67*	
		For Aluminized Steel Gate And Post, Add	*628.92*	
		For Powder Coated Gate And Post, Add	*340.67*	
32 31 13 00-0279	EA	30' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,865.12	153.41
		For Gate With Single Barb Wire Arm, Add	*154.49*	
		For Gate With Double Barb Wire Arm, Add	*224.71*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-263.33*	
		For Aluminized Steel Gate And Post, Add	*674.13*	
		For Powder Coated Gate And Post, Add	*365.15*	

32 31 13 00-0280 7' Fence Height *(32 31 13 00-0219)*

32 31 13 00-0281	EA	3' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	192.27	23.39
		For Gate With Single Barb Wire Arm, Add	*13.42*	
		For Gate With Double Barb Wire Arm, Add	*19.51*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-22.87*	
		For Aluminized Steel Gate And Post, Add	*58.54*	
		For Powder Coated Gate And Post, Add	*31.71*	
32 31 13 00-0282	EA	4' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	232.44	23.39
		For Gate With Single Barb Wire Arm, Add	*17.83*	
		For Gate With Double Barb Wire Arm, Add	*25.94*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-30.40*	
		For Aluminized Steel Gate And Post, Add	*77.82*	
		For Powder Coated Gate And Post, Add	*42.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0283	EA	5' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	268.56	24.60
		For Gate With Single Barb Wire Arm, Add	*21.41*	
		For Gate With Double Barb Wire Arm, Add	*31.15*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-36.50*	
		For Aluminized Steel Gate And Post, Add	*93.44*	
		For Powder Coated Gate And Post, Add	*50.61*	
32 31 13 00-0284	EA	6' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	328.76	29.94
		For Gate With Single Barb Wire Arm, Add	*26.28*	
		For Gate With Double Barb Wire Arm, Add	*38.22*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-44.79*	
		For Aluminized Steel Gate And Post, Add	*114.66*	
		For Powder Coated Gate And Post, Add	*62.11*	
32 31 13 00-0285	EA	7' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	388.19	35.04
		For Gate With Single Barb Wire Arm, Add	*31.14*	
		For Gate With Double Barb Wire Arm, Add	*45.29*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-53.08*	
		For Aluminized Steel Gate And Post, Add	*135.87*	
		For Powder Coated Gate And Post, Add	*73.60*	
32 31 13 00-0286	EA	8' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	448.38	40.30
		For Gate With Single Barb Wire Arm, Add	*36.00*	
		For Gate With Double Barb Wire Arm, Add	*52.36*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-61.36*	
		For Aluminized Steel Gate And Post, Add	*157.08*	
		For Powder Coated Gate And Post, Add	*85.09*	
32 31 13 00-0287	EA	9' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	507.82	45.40
		For Gate With Single Barb Wire Arm, Add	*40.86*	
		For Gate With Double Barb Wire Arm, Add	*59.44*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-69.65*	
		For Aluminized Steel Gate And Post, Add	*178.31*	
		For Powder Coated Gate And Post, Add	*96.58*	
32 31 13 00-0288	EA	10' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	560.05	50.73
		For Gate With Single Barb Wire Arm, Add	*44.85*	
		For Gate With Double Barb Wire Arm, Add	*65.23*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-76.44*	
		For Aluminized Steel Gate And Post, Add	*195.70*	
		For Powder Coated Gate And Post, Add	*106.00*	
32 31 13 00-0289	EA	10' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	687.51	50.73
		For Gate With Single Barb Wire Arm, Add	*58.87*	
		For Gate With Double Barb Wire Arm, Add	*85.63*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-100.34*	
		For Aluminized Steel Gate And Post, Add	*256.88*	
		For Powder Coated Gate And Post, Add	*139.14*	
32 31 13 00-0290	EA	12' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	792.48	65.74
		For Gate With Single Barb Wire Arm, Add	*65.46*	
		For Gate With Double Barb Wire Arm, Add	*95.21*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-111.57*	
		For Aluminized Steel Gate And Post, Add	*285.62*	
		For Powder Coated Gate And Post, Add	*154.71*	
32 31 13 00-0291	EA	14' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	906.85	70.83
		For Gate With Single Barb Wire Arm, Add	*76.37*	
		For Gate With Double Barb Wire Arm, Add	*111.08*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-130.17*	
		For Aluminized Steel Gate And Post, Add	*333.23*	
		For Powder Coated Gate And Post, Add	*180.50*	
32 31 13 00-0292	EA	16' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,015.46	76.70
		For Gate With Single Barb Wire Arm, Add	*86.36*	
		For Gate With Double Barb Wire Arm, Add	*125.62*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-147.21*	
		For Aluminized Steel Gate And Post, Add	*376.86*	
		For Powder Coated Gate And Post, Add	*204.13*	
32 31 13 00-0293	EA	18' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,136.26	83.70
		For Gate With Single Barb Wire Arm, Add	*97.35*	
		For Gate With Double Barb Wire Arm, Add	*141.60*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-165.93*	
		For Aluminized Steel Gate And Post, Add	*424.79*	
		For Powder Coated Gate And Post, Add	*230.09*	
32 31 13 00-0294	EA	20' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,259.53	92.08
		For Gate With Single Barb Wire Arm, Add	*108.14*	
		For Gate With Double Barb Wire Arm, Add	*157.30*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-184.34*	
		For Aluminized Steel Gate And Post, Add	*471.90*	
		For Powder Coated Gate And Post, Add	*255.61*	
32 31 13 00-0295	EA	22' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,388.40	102.27
		For Gate With Single Barb Wire Arm, Add	*118.94*	
		For Gate With Double Barb Wire Arm, Add	*173.00*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-202.74*	
		For Aluminized Steel Gate And Post, Add	*519.01*	
		For Powder Coated Gate And Post, Add	*281.13*	
32 31 13 00-0296	EA	24' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,524.92	115.05
		For Gate With Single Barb Wire Arm, Add	*129.74*	
		For Gate With Double Barb Wire Arm, Add	*188.71*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-221.14*	
		For Aluminized Steel Gate And Post, Add	*566.12*	
		For Powder Coated Gate And Post, Add	*306.65*	
32 31 13 00-0297	EA	26' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,672.43	131.46
		For Gate With Single Barb Wire Arm, Add	*140.53*	
		For Gate With Double Barb Wire Arm, Add	*204.41*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-239.54*	
		For Aluminized Steel Gate And Post, Add	*613.22*	
		For Powder Coated Gate And Post, Add	*332.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0298	EA	28' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,836.37	153.41
		For Gate With Single Barb Wire Arm, Add	*151.33*	
		For Gate With Double Barb Wire Arm, Add	*220.11*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-257.94*	
		For Aluminized Steel Gate And Post, Add	*660.33*	
		For Powder Coated Gate And Post, Add	*357.68*	
32 31 13 00-0299	EA	30' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,026.65	184.07
		For Gate With Single Barb Wire Arm, Add	*162.12*	
		For Gate With Double Barb Wire Arm, Add	*235.81*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-276.34*	
		For Aluminized Steel Gate And Post, Add	*707.44*	
		For Powder Coated Gate And Post, Add	*383.20*	

32 31 13 00-0300 8' Fence Height *(32 31 13 00-0219)*

32 31 13 00-0301	EA	3' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	221.83	25.37
		For Gate With Single Barb Wire Arm, Add	*16.02*	
		For Gate With Double Barb Wire Arm, Add	*23.30*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-27.31*	
		For Aluminized Steel Gate And Post, Add	*69.91*	
		For Powder Coated Gate And Post, Add	*37.87*	
32 31 13 00-0302	EA	4' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	270.39	25.37
		For Gate With Single Barb Wire Arm, Add	*21.36*	
		For Gate With Double Barb Wire Arm, Add	*31.07*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-36.41*	
		For Aluminized Steel Gate And Post, Add	*93.22*	
		For Powder Coated Gate And Post, Add	*50.49*	
32 31 13 00-0303	EA	5' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	313.35	28.26
		For Gate With Single Barb Wire Arm, Add	*25.13*	
		For Gate With Double Barb Wire Arm, Add	*36.55*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-42.83*	
		For Aluminized Steel Gate And Post, Add	*109.64*	
		For Powder Coated Gate And Post, Add	*59.39*	
32 31 13 00-0304	EA	6' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	358.59	31.99
		For Gate With Single Barb Wire Arm, Add	*28.89*	
		For Gate With Double Barb Wire Arm, Add	*42.02*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-49.24*	
		For Aluminized Steel Gate And Post, Add	*126.05*	
		For Powder Coated Gate And Post, Add	*68.28*	
32 31 13 00-0305	EA	7' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	412.61	38.54
		For Gate With Single Barb Wire Arm, Add	*32.65*	
		For Gate With Double Barb Wire Arm, Add	*47.49*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-55.65*	
		For Aluminized Steel Gate And Post, Add	*142.47*	
		For Powder Coated Gate And Post, Add	*77.17*	
32 31 13 00-0306	EA	8' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	465.85	44.87
		For Gate With Single Barb Wire Arm, Add	*36.41*	
		For Gate With Double Barb Wire Arm, Add	*52.96*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-62.07*	
		For Aluminized Steel Gate And Post, Add	*158.89*	
		For Powder Coated Gate And Post, Add	*86.07*	
32 31 13 00-0307	EA	9' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	519.87	51.49
		For Gate With Single Barb Wire Arm, Add	*40.18*	
		For Gate With Double Barb Wire Arm, Add	*58.44*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-68.48*	
		For Aluminized Steel Gate And Post, Add	*175.31*	
		For Powder Coated Gate And Post, Add	*94.96*	
32 31 13 00-0308	EA	10' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	573.86	58.12
		For Gate With Single Barb Wire Arm, Add	*43.94*	
		For Gate With Double Barb Wire Arm, Add	*63.91*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-74.89*	
		For Aluminized Steel Gate And Post, Add	*191.73*	
		For Powder Coated Gate And Post, Add	*103.85*	
32 31 13 00-0309	EA	10' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	796.59	65.74
		For Gate With Single Barb Wire Arm, Add	*65.91*	
		For Gate With Double Barb Wire Arm, Add	*95.87*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-112.34*	
		For Aluminized Steel Gate And Post, Add	*287.60*	
		For Powder Coated Gate And Post, Add	*155.78*	
32 31 13 00-0310	EA	12' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	927.15	70.83
		For Gate With Single Barb Wire Arm, Add	*78.60*	
		For Gate With Double Barb Wire Arm, Add	*114.32*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-133.97*	
		For Aluminized Steel Gate And Post, Add	*342.97*	
		For Powder Coated Gate And Post, Add	*185.78*	
32 31 13 00-0311	EA	14' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,061.95	76.70
		For Gate With Single Barb Wire Arm, Add	*91.48*	
		For Gate With Double Barb Wire Arm, Add	*133.06*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-155.93*	
		For Aluminized Steel Gate And Post, Add	*399.17*	
		For Powder Coated Gate And Post, Add	*216.22*	
32 31 13 00-0312	EA	16' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,203.41	83.70
		For Gate With Single Barb Wire Arm, Add	*104.73*	
		For Gate With Double Barb Wire Arm, Add	*152.34*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-178.52*	
		For Aluminized Steel Gate And Post, Add	*457.02*	
		For Powder Coated Gate And Post, Add	*247.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0313	EA	18 Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,349.07	92.08
		For Gate With Single Barb Wire Arm, Add	*117.99*	
		For Gate With Double Barb Wire Arm, Add	*171.63*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-201.12*	
		For Aluminized Steel Gate And Post, Add	*514.88*	
		For Powder Coated Gate And Post, Add	*278.89*	
32 31 13 00-0314	EA	20' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,498.59	102.27
		For Gate With Single Barb Wire Arm, Add	*131.06*	
		For Gate With Double Barb Wire Arm, Add	*190.63*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-223.40*	
		For Aluminized Steel Gate And Post, Add	*571.90*	
		For Powder Coated Gate And Post, Add	*309.78*	
32 31 13 00-0315	EA	22' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,654.05	115.05
		For Gate With Single Barb Wire Arm, Add	*143.94*	
		For Gate With Double Barb Wire Arm, Add	*209.37*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-245.35*	
		For Aluminized Steel Gate And Post, Add	*628.10*	
		For Powder Coated Gate And Post, Add	*340.22*	
32 31 13 00-0316	EA	24' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,823.94	131.46
		For Gate With Single Barb Wire Arm, Add	*157.20*	
		For Gate With Double Barb Wire Arm, Add	*228.65*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-267.95*	
		For Aluminized Steel Gate And Post, Add	*685.95*	
		For Powder Coated Gate And Post, Add	*371.56*	
32 31 13 00-0317	EA	26' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,010.26	153.41
		For Gate With Single Barb Wire Arm, Add	*170.45*	
		For Gate With Double Barb Wire Arm, Add	*247.93*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-290.55*	
		For Aluminized Steel Gate And Post, Add	*743.80*	
		For Powder Coated Gate And Post, Add	*402.89*	
32 31 13 00-0318	EA	28' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,221.21	184.07
		For Gate With Single Barb Wire Arm, Add	*183.52*	
		For Gate With Double Barb Wire Arm, Add	*266.94*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-312.82*	
		For Aluminized Steel Gate And Post, Add	*800.83*	
		For Powder Coated Gate And Post, Add	*433.78*	
32 31 13 00-0319	EA	30' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,478.21	230.11
		For Gate With Single Barb Wire Arm, Add	*196.59*	
		For Gate With Double Barb Wire Arm, Add	*285.95*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-335.10*	
		For Aluminized Steel Gate And Post, Add	*857.85*	
		For Powder Coated Gate And Post, Add	*464.67*	
32 31 13 00-0320		10' Fence Height *(32 31 13 00-0219)*		
32 31 13 00-0321	EA	3' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	272.99	28.18
		For Gate With Single Barb Wire Arm, Add	*20.72*	
		For Gate With Double Barb Wire Arm, Add	*30.14*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-35.32*	
		For Aluminized Steel Gate And Post, Add	*90.41*	
		For Powder Coated Gate And Post, Add	*48.97*	
32 31 13 00-0322	EA	4' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	335.77	28.18
		For Gate With Single Barb Wire Arm, Add	*27.62*	
		For Gate With Double Barb Wire Arm, Add	*40.18*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-47.09*	
		For Aluminized Steel Gate And Post, Add	*120.54*	
		For Powder Coated Gate And Post, Add	*65.29*	
32 31 13 00-0323	EA	5' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	383.73	29.40
		For Gate With Single Barb Wire Arm, Add	*32.49*	
		For Gate With Double Barb Wire Arm, Add	*47.26*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-55.38*	
		For Aluminized Steel Gate And Post, Add	*141.78*	
		For Powder Coated Gate And Post, Add	*76.80*	
32 31 13 00-0324	EA	6' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	449.29	36.56
		For Gate With Single Barb Wire Arm, Add	*37.36*	
		For Gate With Double Barb Wire Arm, Add	*54.34*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-63.68*	
		For Aluminized Steel Gate And Post, Add	*163.01*	
		For Powder Coated Gate And Post, Add	*88.30*	
32 31 13 00-0325	EA	7' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	514.40	43.34
		For Gate With Single Barb Wire Arm, Add	*42.22*	
		For Gate With Double Barb Wire Arm, Add	*61.41*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-71.97*	
		For Aluminized Steel Gate And Post, Add	*184.23*	
		For Powder Coated Gate And Post, Add	*99.79*	
32 31 13 00-0326	EA	8' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	579.64	50.50
		For Gate With Single Barb Wire Arm, Add	*47.09*	
		For Gate With Double Barb Wire Arm, Add	*68.49*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-80.26*	
		For Aluminized Steel Gate And Post, Add	*205.47*	
		For Powder Coated Gate And Post, Add	*111.30*	
32 31 13 00-0327	EA	9' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	644.44	57.36
		For Gate With Single Barb Wire Arm, Add	*51.95*	
		For Gate With Double Barb Wire Arm, Add	*75.57*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-88.55*	
		For Aluminized Steel Gate And Post, Add	*226.70*	
		For Powder Coated Gate And Post, Add	*122.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0328	EA	10' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	710.02	64.44
		For Gate With Single Barb Wire Arm, Add	*56.82*	
		For Gate With Double Barb Wire Arm, Add	*82.64*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-96.85*	
		For Aluminized Steel Gate And Post, Add	*247.93*	
		For Powder Coated Gate And Post, Add	*134.30*	
32 31 13 00-0329	EA	10' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	994.17	73.07
		For Gate With Single Barb Wire Arm, Add	*85.23*	
		For Gate With Double Barb Wire Arm, Add	*123.97*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-145.27*	
		For Aluminized Steel Gate And Post, Add	*371.90*	
		For Powder Coated Gate And Post, Add	*201.45*	
32 31 13 00-0330	EA	12' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,079.84	78.61
		For Gate With Single Barb Wire Arm, Add	*92.80*	
		For Gate With Double Barb Wire Arm, Add	*134.99*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-158.19*	
		For Aluminized Steel Gate And Post, Add	*404.96*	
		For Powder Coated Gate And Post, Add	*219.35*	
32 31 13 00-0331	EA	14' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,223.57	85.26
		For Gate With Single Barb Wire Arm, Add	*106.44*	
		For Gate With Double Barb Wire Arm, Add	*154.82*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-181.43*	
		For Aluminized Steel Gate And Post, Add	*464.46*	
		For Powder Coated Gate And Post, Add	*251.58*	
32 31 13 00-0332	EA	16' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,384.46	92.95
		For Gate With Single Barb Wire Arm, Add	*121.59*	
		For Gate With Double Barb Wire Arm, Add	*176.86*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-207.26*	
		For Aluminized Steel Gate And Post, Add	*530.58*	
		For Powder Coated Gate And Post, Add	*287.40*	
32 31 13 00-0333	EA	18' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,550.24	102.27
		For Gate With Single Barb Wire Arm, Add	*136.74*	
		For Gate With Double Barb Wire Arm, Add	*198.90*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-233.08*	
		For Aluminized Steel Gate And Post, Add	*596.69*	
		For Powder Coated Gate And Post, Add	*323.21*	
32 31 13 00-0334	EA	20' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,722.79	113.59
		For Gate With Single Barb Wire Arm, Add	*151.99*	
		For Gate With Double Barb Wire Arm, Add	*221.07*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-259.07*	
		For Aluminized Steel Gate And Post, Add	*663.22*	
		For Powder Coated Gate And Post, Add	*359.24*	
32 31 13 00-0335	EA	22' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,904.22	127.84
		For Gate With Single Barb Wire Arm, Add	*167.23*	
		For Gate With Double Barb Wire Arm, Add	*243.25*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-285.06*	
		For Aluminized Steel Gate And Post, Add	*729.75*	
		For Powder Coated Gate And Post, Add	*395.28*	
32 31 13 00-0336	EA	24' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,096.52	145.98
		For Gate With Single Barb Wire Arm, Add	*182.39*	
		For Gate With Double Barb Wire Arm, Add	*265.29*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-310.88*	
		For Aluminized Steel Gate And Post, Add	*795.86*	
		For Powder Coated Gate And Post, Add	*431.09*	
32 31 13 00-0337	EA	26' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,307.67	170.43
		For Gate With Single Barb Wire Arm, Add	*197.54*	
		For Gate With Double Barb Wire Arm, Add	*287.33*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-336.71*	
		For Aluminized Steel Gate And Post, Add	*861.98*	
		For Powder Coated Gate And Post, Add	*466.91*	
32 31 13 00-0338	EA	28' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,547.24	204.37
		For Gate With Single Barb Wire Arm, Add	*212.69*	
		For Gate With Double Barb Wire Arm, Add	*309.37*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-362.54*	
		For Aluminized Steel Gate And Post, Add	*928.10*	
		For Powder Coated Gate And Post, Add	*502.72*	
32 31 13 00-0339	EA	30' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,840.81	255.68
		For Gate With Single Barb Wire Arm, Add	*228.03*	
		For Gate With Double Barb Wire Arm, Add	*331.68*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-388.69*	
		For Aluminized Steel Gate And Post, Add	*995.04*	
		For Powder Coated Gate And Post, Add	*538.98*	

32 31 13 00-0340 12' Fence Height *(32 31 13 00-0219)*

32 31 13 00-0341	EA	3' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	335.13	31.31
		For Gate With Single Barb Wire Arm, Add	*26.52*	
		For Gate With Double Barb Wire Arm, Add	*38.57*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-45.20*	
		For Aluminized Steel Gate And Post, Add	*115.72*	
		For Powder Coated Gate And Post, Add	*62.68*	
32 31 13 00-0342	EA	4' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	415.49	31.31
		For Gate With Single Barb Wire Arm, Add	*35.36*	
		For Gate With Double Barb Wire Arm, Add	*51.43*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-60.27*	
		For Aluminized Steel Gate And Post, Add	*154.30*	
		For Powder Coated Gate And Post, Add	*83.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0343	EA	5' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	475.57	32.45
		For Gate With Single Barb Wire Arm, Add	*41.59*	
		For Gate With Double Barb Wire Arm, Add	*60.49*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-70.89*	
		For Aluminized Steel Gate And Post, Add	*181.47*	
		For Powder Coated Gate And Post, Add	*98.30*	
32 31 13 00-0344	EA	6' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	555.81	40.30
		For Gate With Single Barb Wire Arm, Add	*47.82*	
		For Gate With Double Barb Wire Arm, Add	*69.55*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-81.50*	
		For Aluminized Steel Gate And Post, Add	*208.65*	
		For Powder Coated Gate And Post, Add	*113.02*	
32 31 13 00-0345	EA	7' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	636.03	48.22
		For Gate With Single Barb Wire Arm, Add	*54.04*	
		For Gate With Double Barb Wire Arm, Add	*78.61*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-92.12*	
		For Aluminized Steel Gate And Post, Add	*235.82*	
		For Powder Coated Gate And Post, Add	*127.74*	
32 31 13 00-0346	EA	8' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	715.50	55.84
		For Gate With Single Barb Wire Arm, Add	*60.27*	
		For Gate With Double Barb Wire Arm, Add	*87.67*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-102.73*	
		For Aluminized Steel Gate And Post, Add	*263.00*	
		For Powder Coated Gate And Post, Add	*142.46*	
32 31 13 00-0347	EA	9' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	795.72	63.68
		For Gate With Single Barb Wire Arm, Add	*66.50*	
		For Gate With Double Barb Wire Arm, Add	*96.72*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-113.35*	
		For Aluminized Steel Gate And Post, Add	*290.17*	
		For Powder Coated Gate And Post, Add	*157.18*	
32 31 13 00-0348	EA	10' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	875.96	71.53
		For Gate With Single Barb Wire Arm, Add	*72.73*	
		For Gate With Double Barb Wire Arm, Add	*105.78*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-123.96*	
		For Aluminized Steel Gate And Post, Add	*317.35*	
		For Powder Coated Gate And Post, Add	*171.90*	
32 31 13 00-0349	EA	10' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,164.89	81.19
		For Gate With Single Barb Wire Arm, Add	*101.33*	
		For Gate With Double Barb Wire Arm, Add	*147.38*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-172.71*	
		For Aluminized Steel Gate And Post, Add	*442.15*	
		For Powder Coated Gate And Post, Add	*239.50*	
32 31 13 00-0350	EA	12' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,274.74	87.41
		For Gate With Single Barb Wire Arm, Add	*111.36*	
		For Gate With Double Barb Wire Arm, Add	*161.98*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-189.82*	
		For Aluminized Steel Gate And Post, Add	*485.95*	
		For Powder Coated Gate And Post, Add	*263.22*	
32 31 13 00-0351	EA	14' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,444.85	94.67
		For Gate With Single Barb Wire Arm, Add	*127.65*	
		For Gate With Double Barb Wire Arm, Add	*185.68*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-217.59*	
		For Aluminized Steel Gate And Post, Add	*557.03*	
		For Powder Coated Gate And Post, Add	*301.72*	
32 31 13 00-0352	EA	16' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,635.92	103.23
		For Gate With Single Barb Wire Arm, Add	*145.83*	
		For Gate With Double Barb Wire Arm, Add	*212.12*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-248.58*	
		For Aluminized Steel Gate And Post, Add	*636.36*	
		For Powder Coated Gate And Post, Add	*344.70*	
32 31 13 00-0353	EA	18 Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,832.12	113.68
		For Gate With Single Barb Wire Arm, Add	*164.01*	
		For Gate With Double Barb Wire Arm, Add	*238.57*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-279.57*	
		For Aluminized Steel Gate And Post, Add	*715.70*	
		For Powder Coated Gate And Post, Add	*387.67*	
32 31 13 00-0354	EA	20' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	2,036.90	126.20
		For Gate With Single Barb Wire Arm, Add	*182.39*	
		For Gate With Double Barb Wire Arm, Add	*265.29*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-310.88*	
		For Aluminized Steel Gate And Post, Add	*795.86*	
		For Powder Coated Gate And Post, Add	*431.09*	
32 31 13 00-0355	EA	22' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	2,249.90	142.00
		For Gate With Single Barb Wire Arm, Add	*200.57*	
		For Gate With Double Barb Wire Arm, Add	*291.73*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-341.88*	
		For Aluminized Steel Gate And Post, Add	*875.20*	
		For Powder Coated Gate And Post, Add	*474.07*	
32 31 13 00-0356	EA	24' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	2,477.54	162.22
		For Gate With Single Barb Wire Arm, Add	*218.94*	
		For Gate With Double Barb Wire Arm, Add	*318.46*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-373.19*	
		For Aluminized Steel Gate And Post, Add	*955.37*	
		For Powder Coated Gate And Post, Add	*517.49*	
32 31 13 00-0357	EA	26' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	2,722.66	189.43
		For Gate With Single Barb Wire Arm, Add	*236.93*	
		For Gate With Double Barb Wire Arm, Add	*344.63*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-403.86*	
		For Aluminized Steel Gate And Post, Add	*1,033.88*	
		For Powder Coated Gate And Post, Add	*560.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0358	EA	28' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	3,001.10	227.09
		For Gate With Single Barb Wire Arm, Add	*255.11*	
		For Gate With Double Barb Wire Arm, Add	*371.07*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-434.85*	
		For Aluminized Steel Gate And Post, Add	*1,113.22*	
		For Powder Coated Gate And Post, Add	*602.99*	
32 31 13 00-0359	EA	30' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	3,339.34	284.09
		For Gate With Single Barb Wire Arm, Add	*273.48*	
		For Gate With Double Barb Wire Arm, Add	*397.80*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-466.17*	
		For Aluminized Steel Gate And Post, Add	*1,193.39*	
		For Powder Coated Gate And Post, Add	*646.42*	

32 31 13 00-0360 Vinyl Coated Without Barb Wire Arm *(32 31 13 00-0218)*

Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

32 31 13 00-0361 4' Fence Height *(32 31 13 00-0360)*

32 31 13 00-0362	EA	3' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	172.02	19.04
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-21.54*	
		For Gate With Single Barb Wire Arm, Add	*12.64*	
		For Gate With Double Barb Wire Arm, Add	*18.38*	
32 31 13 00-0363	EA	4' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	210.32	19.04
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-28.72*	
		For Gate With Single Barb Wire Arm, Add	*16.85*	
		For Gate With Double Barb Wire Arm, Add	*24.51*	
32 31 13 00-0364	EA	5' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	246.04	20.26
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-34.71*	
		For Gate With Single Barb Wire Arm, Add	*20.36*	
		For Gate With Double Barb Wire Arm, Add	*29.62*	
32 31 13 00-0365	EA	6' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	290.14	24.38
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-40.69*	
		For Gate With Single Barb Wire Arm, Add	*23.87*	
		For Gate With Double Barb Wire Arm, Add	*34.72*	
32 31 13 00-0366	EA	7' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	334.24	28.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-46.67*	
		For Gate With Single Barb Wire Arm, Add	*27.38*	
		For Gate With Double Barb Wire Arm, Add	*39.83*	
32 31 13 00-0367	EA	8' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	378.35	32.45
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-52.66*	
		For Gate With Single Barb Wire Arm, Add	*30.89*	
		For Gate With Double Barb Wire Arm, Add	*44.94*	
32 31 13 00-0368	EA	9' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	422.45	36.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-58.64*	
		For Gate With Single Barb Wire Arm, Add	*34.40*	
		For Gate With Double Barb Wire Arm, Add	*50.04*	
32 31 13 00-0369	EA	10' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	466.55	40.60
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-64.63*	
		For Gate With Single Barb Wire Arm, Add	*37.91*	
		For Gate With Double Barb Wire Arm, Add	*55.15*	
32 31 13 00-0370	EA	10' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	581.44	40.60
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-86.17*	
		For Gate With Single Barb Wire Arm, Add	*50.55*	
		For Gate With Double Barb Wire Arm, Add	*73.53*	
32 31 13 00-0371	EA	12' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	682.05	43.50
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-103.40*	
		For Gate With Single Barb Wire Arm, Add	*60.66*	
		For Gate With Double Barb Wire Arm, Add	*88.24*	
32 31 13 00-0372	EA	14' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	784.01	46.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-120.63*	
		For Gate With Single Barb Wire Arm, Add	*70.77*	
		For Gate With Double Barb Wire Arm, Add	*102.94*	
32 31 13 00-0373	EA	16' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	887.65	50.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-137.87*	
		For Gate With Single Barb Wire Arm, Add	*80.88*	
		For Gate With Double Barb Wire Arm, Add	*117.65*	
32 31 13 00-0374	EA	18' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,011.48	61.33
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-155.10*	
		For Gate With Single Barb Wire Arm, Add	*90.99*	
		For Gate With Double Barb Wire Arm, Add	*132.35*	
32 31 13 00-0375	EA	20' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,116.55	65.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-172.34*	
		For Gate With Single Barb Wire Arm, Add	*101.10*	
		For Gate With Double Barb Wire Arm, Add	*147.06*	
32 31 13 00-0376	EA	22' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,223.65	70.83
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-189.57*	
		For Gate With Single Barb Wire Arm, Add	*111.21*	
		For Gate With Double Barb Wire Arm, Add	*161.76*	
32 31 13 00-0377	EA	24' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,333.28	76.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-206.80*	
		For Gate With Single Barb Wire Arm, Add	*121.32*	
		For Gate With Double Barb Wire Arm, Add	*176.47*	
32 31 13 00-0378	EA	26' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,446.14	83.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-224.04*	
		For Gate With Single Barb Wire Arm, Add	*131.43*	
		For Gate With Double Barb Wire Arm, Add	*191.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0379	EA	28' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,563.18	92.08
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-241.27*	
		For Gate With Single Barb Wire Arm, Add	*141.54*	
		For Gate With Double Barb Wire Arm, Add	*205.88*	
32 31 13 00-0380	EA	30' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,685.81	102.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-258.50*	
		For Gate With Single Barb Wire Arm, Add	*151.65*	
		For Gate With Double Barb Wire Arm, Add	*220.59*	
32 31 13 00-0381		5' Fence Height *(32 31 13 00-0360)*		
32 31 13 00-0382	EA	3' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	203.30	20.26
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-26.69*	
		For Gate With Single Barb Wire Arm, Add	*15.66*	
		For Gate With Double Barb Wire Arm, Add	*22.78*	
32 31 13 00-0383	EA	4' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	250.76	20.26
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-35.59*	
		For Gate With Single Barb Wire Arm, Add	*20.88*	
		For Gate With Double Barb Wire Arm, Add	*30.37*	
32 31 13 00-0384	EA	5' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	290.17	21.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-42.27*	
		For Gate With Single Barb Wire Arm, Add	*24.80*	
		For Gate With Double Barb Wire Arm, Add	*36.07*	
32 31 13 00-0385	EA	6' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	338.70	25.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-48.94*	
		For Gate With Single Barb Wire Arm, Add	*28.71*	
		For Gate With Double Barb Wire Arm, Add	*41.76*	
32 31 13 00-0386	EA	7' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	387.25	30.17
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-55.61*	
		For Gate With Single Barb Wire Arm, Add	*32.63*	
		For Gate With Double Barb Wire Arm, Add	*47.46*	
32 31 13 00-0387	EA	8' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	436.54	34.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-62.28*	
		For Gate With Single Barb Wire Arm, Add	*36.54*	
		For Gate With Double Barb Wire Arm, Add	*53.15*	
32 31 13 00-0388	EA	9 Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	485.09	39.08
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-68.96*	
		For Gate With Single Barb Wire Arm, Add	*40.46*	
		For Gate With Double Barb Wire Arm, Add	*58.84*	
32 31 13 00-0389	EA	10' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	533.63	43.34
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-75.63*	
		For Gate With Single Barb Wire Arm, Add	*44.37*	
		For Gate With Double Barb Wire Arm, Add	*64.54*	
32 31 13 00-0390	EA	10' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	700.04	43.50
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-106.77*	
		For Gate With Single Barb Wire Arm, Add	*62.64*	
		For Gate With Double Barb Wire Arm, Add	*91.11*	
32 31 13 00-0391	EA	12' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	823.98	46.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-128.13*	
		For Gate With Single Barb Wire Arm, Add	*75.17*	
		For Gate With Double Barb Wire Arm, Add	*109.34*	
32 31 13 00-0392	EA	14' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	949.59	50.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-149.48*	
		For Gate With Single Barb Wire Arm, Add	*87.70*	
		For Gate With Double Barb Wire Arm, Add	*127.56*	
32 31 13 00-0393	EA	16' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,095.40	61.33
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-170.84*	
		For Gate With Single Barb Wire Arm, Add	*100.22*	
		For Gate With Double Barb Wire Arm, Add	*145.78*	
32 31 13 00-0394	EA	18 Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,222.45	65.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-192.19*	
		For Gate With Single Barb Wire Arm, Add	*112.75*	
		For Gate With Double Barb Wire Arm, Add	*164.00*	
32 31 13 00-0395	EA	20' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,351.53	70.83
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-213.55*	
		For Gate With Single Barb Wire Arm, Add	*125.28*	
		For Gate With Double Barb Wire Arm, Add	*182.23*	
32 31 13 00-0396	EA	22' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,483.14	76.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-234.90*	
		For Gate With Single Barb Wire Arm, Add	*137.81*	
		For Gate With Double Barb Wire Arm, Add	*200.45*	
32 31 13 00-0397	EA	24' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,617.98	83.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-256.26*	
		For Gate With Single Barb Wire Arm, Add	*150.34*	
		For Gate With Double Barb Wire Arm, Add	*218.67*	
32 31 13 00-0398	EA	26' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,757.00	92.08
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-277.61*	
		For Gate With Single Barb Wire Arm, Add	*162.86*	
		For Gate With Double Barb Wire Arm, Add	*236.89*	
32 31 13 00-0399	EA	28' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,901.61	102.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-298.97*	
		For Gate With Single Barb Wire Arm, Add	*175.39*	
		For Gate With Double Barb Wire Arm, Add	*255.12*	
32 31 13 00-0400	EA	30' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,053.88	115.05
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-320.32*	
		For Gate With Single Barb Wire Arm, Add	*187.92*	
		For Gate With Double Barb Wire Arm, Add	*273.34*	
32 31 13 00-0401		6' Fence Height *(32 31 13 00-0360)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0402	EA	3' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	217.44	21.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-28.53*	
		For Gate With Single Barb Wire Arm, Add	*16.74*	
		For Gate With Double Barb Wire Arm, Add	*24.34*	
32 31 13 00-0403	EA	4' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	268.15	21.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-38.04*	
		For Gate With Single Barb Wire Arm, Add	*22.31*	
		For Gate With Double Barb Wire Arm, Add	*32.46*	
32 31 13 00-0404	EA	5' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	310.22	23.08
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-45.17*	
		For Gate With Single Barb Wire Arm, Add	*26.50*	
		For Gate With Double Barb Wire Arm, Add	*38.54*	
32 31 13 00-0405	EA	6' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	362.73	27.88
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-52.30*	
		For Gate With Single Barb Wire Arm, Add	*30.68*	
		For Gate With Double Barb Wire Arm, Add	*44.63*	
32 31 13 00-0406	EA	7' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	415.25	32.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-59.43*	
		For Gate With Single Barb Wire Arm, Add	*34.87*	
		For Gate With Double Barb Wire Arm, Add	*50.72*	
32 31 13 00-0407	EA	8' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	466.98	37.33
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-66.56*	
		For Gate With Single Barb Wire Arm, Add	*39.05*	
		For Gate With Double Barb Wire Arm, Add	*56.80*	
32 31 13 00-0408	EA	9' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	519.50	42.12
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-73.70*	
		For Gate With Single Barb Wire Arm, Add	*43.24*	
		For Gate With Double Barb Wire Arm, Add	*62.89*	
32 31 13 00-0409	EA	10' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	572.02	46.92
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-80.83*	
		For Gate With Single Barb Wire Arm, Add	*47.42*	
		For Gate With Double Barb Wire Arm, Add	*68.97*	
32 31 13 00-0410	EA	10' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	749.22	46.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-114.11*	
		For Gate With Single Barb Wire Arm, Add	*66.94*	
		For Gate With Double Barb Wire Arm, Add	*97.37*	
32 31 13 00-0411	EA	12' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	882.65	50.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-136.93*	
		For Gate With Single Barb Wire Arm, Add	*80.33*	
		For Gate With Double Barb Wire Arm, Add	*116.85*	
32 31 13 00-0412	EA	14' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,049.45	65.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-159.75*	
		For Gate With Single Barb Wire Arm, Add	*93.72*	
		For Gate With Double Barb Wire Arm, Add	*136.32*	
32 31 13 00-0413	EA	16' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,186.36	70.83
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-182.58*	
		For Gate With Single Barb Wire Arm, Add	*107.11*	
		For Gate With Double Barb Wire Arm, Add	*155.80*	
32 31 13 00-0414	EA	18' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,325.80	76.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-205.40*	
		For Gate With Single Barb Wire Arm, Add	*120.50*	
		For Gate With Double Barb Wire Arm, Add	*175.27*	
32 31 13 00-0415	EA	20' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,490.95	83.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-232.44*	
		For Gate With Single Barb Wire Arm, Add	*136.36*	
		For Gate With Double Barb Wire Arm, Add	*198.35*	
32 31 13 00-0416	EA	22' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,619.38	92.08
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-251.81*	
		For Gate With Single Barb Wire Arm, Add	*147.73*	
		For Gate With Double Barb Wire Arm, Add	*214.88*	
32 31 13 00-0417	EA	24' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,767.74	102.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-273.86*	
		For Gate With Single Barb Wire Arm, Add	*160.67*	
		For Gate With Double Barb Wire Arm, Add	*233.70*	
32 31 13 00-0418	EA	26' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,927.84	115.05
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-296.69*	
		For Gate With Single Barb Wire Arm, Add	*174.06*	
		For Gate With Double Barb Wire Arm, Add	*253.17*	
32 31 13 00-0419	EA	28' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,098.92	131.46
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-319.51*	
		For Gate With Single Barb Wire Arm, Add	*187.44*	
		For Gate With Double Barb Wire Arm, Add	*272.65*	
32 31 13 00-0420	EA	30' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,286.44	153.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-342.33*	
		For Gate With Single Barb Wire Arm, Add	*200.83*	
		For Gate With Double Barb Wire Arm, Add	*292.12*	

32 31 13 00-0421 7' Fence Height *(32 31 13 00-0360)*

32 31 13 00-0422	EA	3' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	230.11	23.39
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-29.96*	
		For Gate With Single Barb Wire Arm, Add	*17.58*	
		For Gate With Double Barb Wire Arm, Add	*25.57*	
32 31 13 00-0423	EA	4' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	283.39	23.39
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-39.95*	
		For Gate With Single Barb Wire Arm, Add	*23.44*	
		For Gate With Double Barb Wire Arm, Add	*34.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0424	EA	5' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	326.93	24.60
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-47.45*	
		For Gate With Single Barb Wire Arm, Add	*27.83*	
		For Gate With Double Barb Wire Arm, Add	*40.49*	
32 31 13 00-0425	EA	6' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	382.88	29.94
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-54.94*	
		For Gate With Single Barb Wire Arm, Add	*32.23*	
		For Gate With Double Barb Wire Arm, Add	*46.88*	
32 31 13 00-0426	EA	7' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	438.07	35.04
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-62.43*	
		For Gate With Single Barb Wire Arm, Add	*36.62*	
		For Gate With Double Barb Wire Arm, Add	*53.27*	
32 31 13 00-0427	EA	8' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	494.02	40.30
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-69.92*	
		For Gate With Single Barb Wire Arm, Add	*41.02*	
		For Gate With Double Barb Wire Arm, Add	*59.66*	
32 31 13 00-0428	EA	9' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	549.20	45.40
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-77.41*	
		For Gate With Single Barb Wire Arm, Add	*45.41*	
		For Gate With Double Barb Wire Arm, Add	*66.06*	
32 31 13 00-0429	EA	10' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	605.16	50.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-84.90*	
		For Gate With Single Barb Wire Arm, Add	*49.81*	
		For Gate With Double Barb Wire Arm, Add	*72.45*	
32 31 13 00-0430	EA	10' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	791.60	50.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-119.86*	
		For Gate With Single Barb Wire Arm, Add	*70.32*	
		For Gate With Double Barb Wire Arm, Add	*102.28*	
32 31 13 00-0431	EA	12' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	964.51	65.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-143.83*	
		For Gate With Single Barb Wire Arm, Add	*84.38*	
		For Gate With Double Barb Wire Arm, Add	*122.73*	
32 31 13 00-0432	EA	14' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,107.56	70.83
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-167.80*	
		For Gate With Single Barb Wire Arm, Add	*98.44*	
		For Gate With Double Barb Wire Arm, Add	*143.19*	
32 31 13 00-0433	EA	16' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,253.11	76.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-191.77*	
		For Gate With Single Barb Wire Arm, Add	*112.50*	
		For Gate With Double Barb Wire Arm, Add	*163.64*	
32 31 13 00-0434	EA	18' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,401.91	83.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-215.74*	
		For Gate With Single Barb Wire Arm, Add	*126.57*	
		For Gate With Double Barb Wire Arm, Add	*184.10*	
32 31 13 00-0435	EA	20' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,554.87	92.08
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-239.71*	
		For Gate With Single Barb Wire Arm, Add	*140.63*	
		For Gate With Double Barb Wire Arm, Add	*204.55*	
32 31 13 00-0436	EA	22' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,713.42	102.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-263.68*	
		For Gate With Single Barb Wire Arm, Add	*154.69*	
		For Gate With Double Barb Wire Arm, Add	*225.01*	
32 31 13 00-0437	EA	24' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,879.66	115.05
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-287.65*	
		For Gate With Single Barb Wire Arm, Add	*168.76*	
		For Gate With Double Barb Wire Arm, Add	*245.46*	
32 31 13 00-0438	EA	26' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,056.90	131.46
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-311.63*	
		For Gate With Single Barb Wire Arm, Add	*182.82*	
		For Gate With Double Barb Wire Arm, Add	*265.92*	
32 31 13 00-0439	EA	28' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,250.53	153.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-335.60*	
		For Gate With Single Barb Wire Arm, Add	*196.88*	
		For Gate With Double Barb Wire Arm, Add	*286.38*	
32 31 13 00-0440	EA	30' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,470.53	184.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-359.57*	
		For Gate With Single Barb Wire Arm, Add	*210.95*	
		For Gate With Double Barb Wire Arm, Add	*306.83*	

32 31 13 00-0441 8' Fence Height *(32 31 13 00-0360)*

32 31 13 00-0442	EA	3' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	269.88	25.37
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-36.32*	
		For Gate With Single Barb Wire Arm, Add	*21.31*	
		For Gate With Double Barb Wire Arm, Add	*30.99*	
32 31 13 00-0443	EA	4' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	334.44	25.37
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-48.42*	
		For Gate With Single Barb Wire Arm, Add	*28.41*	
		For Gate With Double Barb Wire Arm, Add	*41.32*	
32 31 13 00-0444	EA	5' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	377.49	25.37
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-56.50*	
		For Gate With Single Barb Wire Arm, Add	*33.14*	
		For Gate With Double Barb Wire Arm, Add	*48.21*	
32 31 13 00-0445	EA	6' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	440.33	31.99
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-64.57*	
		For Gate With Single Barb Wire Arm, Add	*37.88*	
		For Gate With Double Barb Wire Arm, Add	*55.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0446	EA	7' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	503.19	38.54
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-72.64*	
		For Gate With Single Barb Wire Arm, Add	*42.61*	
		For Gate With Double Barb Wire Arm, Add	*61.98*	
32 31 13 00-0447	EA	8' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	565.27	44.87
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-80.71*	
		For Gate With Single Barb Wire Arm, Add	*47.35*	
		For Gate With Double Barb Wire Arm, Add	*68.87*	
32 31 13 00-0448	EA	9' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	628.12	51.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-88.78*	
		For Gate With Single Barb Wire Arm, Add	*52.08*	
		For Gate With Double Barb Wire Arm, Add	*75.76*	
32 31 13 00-0449	EA	10' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	690.96	58.12
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-96.85*	
		For Gate With Single Barb Wire Arm, Add	*56.82*	
		For Gate With Double Barb Wire Arm, Add	*82.64*	
32 31 13 00-0450	EA	10' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	972.21	65.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-145.27*	
		For Gate With Single Barb Wire Arm, Add	*85.23*	
		For Gate With Double Barb Wire Arm, Add	*123.96*	
32 31 13 00-0451	EA	12' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,142.36	70.83
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-174.33*	
		For Gate With Single Barb Wire Arm, Add	*102.27*	
		For Gate With Double Barb Wire Arm, Add	*148.76*	
32 31 13 00-0452	EA	14' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,315.04	76.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-203.38*	
		For Gate With Single Barb Wire Arm, Add	*119.32*	
		For Gate With Double Barb Wire Arm, Add	*173.55*	
32 31 13 00-0453	EA	16' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,490.93	83.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-232.43*	
		For Gate With Single Barb Wire Arm, Add	*136.36*	
		For Gate With Double Barb Wire Arm, Add	*198.34*	
32 31 13 00-0454	EA	18' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,671.02	92.08
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-261.49*	
		For Gate With Single Barb Wire Arm, Add	*153.41*	
		For Gate With Double Barb Wire Arm, Add	*223.14*	
32 31 13 00-0455	EA	20' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,856.69	102.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-290.54*	
		For Gate With Single Barb Wire Arm, Add	*170.45*	
		For Gate With Double Barb Wire Arm, Add	*247.93*	
32 31 13 00-0456	EA	22' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,050.03	115.05
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-319.60*	
		For Gate With Single Barb Wire Arm, Add	*187.50*	
		For Gate With Double Barb Wire Arm, Add	*272.72*	
32 31 13 00-0457	EA	24' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,254.36	131.46
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-348.65*	
		For Gate With Single Barb Wire Arm, Add	*204.54*	
		For Gate With Double Barb Wire Arm, Add	*297.52*	
32 31 13 00-0458	EA	26' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,475.11	153.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-377.71*	
		For Gate With Single Barb Wire Arm, Add	*221.59*	
		For Gate With Double Barb Wire Arm, Add	*322.31*	
32 31 13 00-0459	EA	28' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,722.21	184.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-406.76*	
		For Gate With Single Barb Wire Arm, Add	*238.63*	
		For Gate With Double Barb Wire Arm, Add	*347.10*	
32 31 13 00-0460	EA	30' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,015.37	230.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-435.82*	
		For Gate With Single Barb Wire Arm, Add	*255.68*	
		For Gate With Double Barb Wire Arm, Add	*371.90*	

32 31 13 00-0461 10' Fence Height *(32 31 13 00-0360)*

32 31 13 00-0462	EA	3' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	309.33	28.18
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-42.13*	
		For Gate With Single Barb Wire Arm, Add	*24.72*	
		For Gate With Double Barb Wire Arm, Add	*35.95*	
32 31 13 00-0463	EA	4' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	384.23	28.18
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-56.17*	
		For Gate With Single Barb Wire Arm, Add	*32.95*	
		For Gate With Double Barb Wire Arm, Add	*47.93*	
32 31 13 00-0464	EA	5' Wide x 10' High Gate Single Vinyl Coated Without Barbed Wire Arm	437.89	29.40
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-65.54*	
		For Gate With Single Barb Wire Arm, Add	*38.45*	
		For Gate With Double Barb Wire Arm, Add	*55.92*	
32 31 13 00-0465	EA	6' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	509.15	36.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-74.90*	
		For Gate With Single Barb Wire Arm, Add	*43.94*	
		For Gate With Double Barb Wire Arm, Add	*63.91*	
32 31 13 00-0466	EA	7' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	579.65	43.34
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-84.26*	
		For Gate With Single Barb Wire Arm, Add	*49.43*	
		For Gate With Double Barb Wire Arm, Add	*71.90*	
32 31 13 00-0467	EA	8' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	650.92	50.50
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-93.63*	
		For Gate With Single Barb Wire Arm, Add	*54.93*	
		For Gate With Double Barb Wire Arm, Add	*79.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0468	EA	9' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	721.42	57.36
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-102.99*	
		For Gate With Single Barb Wire Arm, Add	*60.42*	
		For Gate With Double Barb Wire Arm, Add	*87.88*	
32 31 13 00-0469	EA	10' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	792.69	64.44
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-112.35*	
		For Gate With Single Barb Wire Arm, Add	*65.91*	
		For Gate With Double Barb Wire Arm, Add	*95.87*	
32 31 13 00-0470	EA	10' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,118.17	73.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-168.52*	
		For Gate With Single Barb Wire Arm, Add	*98.87*	
		For Gate With Double Barb Wire Arm, Add	*143.81*	
32 31 13 00-0471	EA	12' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,314.71	78.61
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-202.23*	
		For Gate With Single Barb Wire Arm, Add	*118.64*	
		For Gate With Double Barb Wire Arm, Add	*172.57*	
32 31 13 00-0472	EA	14' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,514.24	85.26
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-235.93*	
		For Gate With Single Barb Wire Arm, Add	*138.41*	
		For Gate With Double Barb Wire Arm, Add	*201.33*	
32 31 13 00-0473	EA	16' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,717.15	92.95
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-269.64*	
		For Gate With Single Barb Wire Arm, Add	*158.19*	
		For Gate With Double Barb Wire Arm, Add	*230.09*	
32 31 13 00-0474	EA	18' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,924.95	102.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-303.34*	
		For Gate With Single Barb Wire Arm, Add	*177.96*	
		For Gate With Double Barb Wire Arm, Add	*258.85*	
32 31 13 00-0475	EA	20' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,138.65	113.59
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-337.04*	
		For Gate With Single Barb Wire Arm, Add	*197.73*	
		For Gate With Double Barb Wire Arm, Add	*287.61*	
32 31 13 00-0476	EA	22' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,361.24	127.84
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-370.75*	
		For Gate With Single Barb Wire Arm, Add	*217.51*	
		For Gate With Double Barb Wire Arm, Add	*316.37*	
32 31 13 00-0477	EA	24 Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,595.56	145.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-404.45*	
		For Gate With Single Barb Wire Arm, Add	*237.28*	
		For Gate With Double Barb Wire Arm, Add	*345.13*	
32 31 13 00-0478	EA	26' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,848.71	170.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-438.16*	
		For Gate With Single Barb Wire Arm, Add	*257.05*	
		For Gate With Double Barb Wire Arm, Add	*373.89*	
32 31 13 00-0479	EA	28' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,130.30	204.37
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-471.86*	
		For Gate With Single Barb Wire Arm, Add	*276.83*	
		For Gate With Double Barb Wire Arm, Add	*402.66*	
32 31 13 00-0480	EA	30' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,464.17	255.68
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-505.57*	
		For Gate With Single Barb Wire Arm, Add	*296.60*	
		For Gate With Double Barb Wire Arm, Add	*431.42*	

32 31 13 00-0481 12' Fence Height *(32 31 13 00-0360)*

32 31 13 00-0482	EA	3' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	407.40	31.31
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-58.76*	
		For Gate With Single Barb Wire Arm, Add	*34.47*	
		For Gate With Double Barb Wire Arm, Add	*50.14*	
32 31 13 00-0483	EA	4' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	511.57	31.31
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-78.29*	
		For Gate With Single Barb Wire Arm, Add	*45.93*	
		For Gate With Double Barb Wire Arm, Add	*66.80*	
32 31 13 00-0484	EA	5' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	592.51	32.45
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-92.81*	
		For Gate With Single Barb Wire Arm, Add	*54.45*	
		For Gate With Double Barb Wire Arm, Add	*79.20*	
32 31 13 00-0485	EA	6' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	680.69	40.30
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-104.92*	
		For Gate With Single Barb Wire Arm, Add	*61.55*	
		For Gate With Double Barb Wire Arm, Add	*89.53*	
32 31 13 00-0486	EA	7' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	776.05	48.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-118.37*	
		For Gate With Single Barb Wire Arm, Add	*69.44*	
		For Gate With Double Barb Wire Arm, Add	*101.01*	
32 31 13 00-0487	EA	8' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	870.64	55.84
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-131.82*	
		For Gate With Single Barb Wire Arm, Add	*77.34*	
		For Gate With Double Barb Wire Arm, Add	*112.49*	
32 31 13 00-0488	EA	9' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	965.99	63.68
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-145.27*	
		For Gate With Single Barb Wire Arm, Add	*85.23*	
		For Gate With Double Barb Wire Arm, Add	*123.97*	
32 31 13 00-0489	EA	10' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	1,054.18	71.53
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-157.38*	
		For Gate With Single Barb Wire Arm, Add	*92.33*	
		For Gate With Double Barb Wire Arm, Add	*134.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0490	EA	10' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,502.27	81.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-235.99*	
		For Gate With Single Barb Wire Arm, Add	*138.45*	
		For Gate With Double Barb Wire Arm, Add	*201.38*	
32 31 13 00-0491	EA	12' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,813.66	87.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-290.87*	
		For Gate With Single Barb Wire Arm, Add	*170.64*	
		For Gate With Double Barb Wire Arm, Add	*248.21*	
32 31 13 00-0492	EA	14' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,095.67	94.67
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-339.62*	
		For Gate With Single Barb Wire Arm, Add	*199.24*	
		For Gate With Double Barb Wire Arm, Add	*289.81*	
32 31 13 00-0493	EA	16' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,379.72	103.23
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-388.04*	
		For Gate With Single Barb Wire Arm, Add	*227.65*	
		For Gate With Double Barb Wire Arm, Add	*331.13*	
32 31 13 00-0494	EA	18' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,665.63	113.68
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-435.82*	
		For Gate With Single Barb Wire Arm, Add	*255.68*	
		For Gate With Double Barb Wire Arm, Add	*371.90*	
32 31 13 00-0495	EA	20' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,961.49	126.20
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-484.25*	
		For Gate With Single Barb Wire Arm, Add	*284.09*	
		For Gate With Double Barb Wire Arm, Add	*413.22*	
32 31 13 00-0496	EA	22' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,267.46	142.00
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-532.67*	
		For Gate With Single Barb Wire Arm, Add	*312.50*	
		For Gate With Double Barb Wire Arm, Add	*454.54*	
32 31 13 00-0497	EA	24' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,586.36	162.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-581.09*	
		For Gate With Single Barb Wire Arm, Add	*340.91*	
		For Gate With Double Barb Wire Arm, Add	*495.87*	
32 31 13 00-0498	EA	26' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,934.78	189.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-631.13*	
		For Gate With Single Barb Wire Arm, Add	*370.26*	
		For Gate With Double Barb Wire Arm, Add	*538.57*	
32 31 13 00-0499	EA	28' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	4,306.19	227.09
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-679.56*	
		For Gate With Single Barb Wire Arm, Add	*398.67*	
		For Gate With Double Barb Wire Arm, Add	*579.89*	
32 31 13 00-0500	EA	30' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	4,735.69	284.09
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-727.98*	
		For Gate With Single Barb Wire Arm, Add	*427.08*	
		For Gate With Double Barb Wire Arm, Add	*621.21*	

32 31 13 00-0501 Sliding Gate *(32 31 13 00-0218)*

Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, rails, wheel, rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

32 31 13 00-0502 4' High Sliding Gate *(32 31 13 00-0501)*

32 31 13 00-0503	EA	10' Long x 4' High Sliding Gate	1,539.26	280.38
		For Gate With Barb Wire Arm, Add	*107.63*	
		For Vinyl Coated, Add	*293.54*	
32 31 13 00-0504	EA	12' Long x 4' High Sliding Gate	1,851.09	338.51
		For Gate With Barb Wire Arm, Add	*129.16*	
		For Vinyl Coated, Add	*352.24*	
32 31 13 00-0505	EA	14' Long x 4' High Sliding Gate	2,159.76	394.92
		For Gate With Barb Wire Arm, Add	*150.68*	
		For Vinyl Coated, Add	*410.95*	
32 31 13 00-0506	EA	16' Long x 4' High Sliding Gate	2,473.34	453.91
		For Gate With Barb Wire Arm, Add	*172.21*	
		For Vinyl Coated, Add	*469.66*	
32 31 13 00-0507	EA	18' Long x 4' High Sliding Gate	2,782.54	510.67
		For Gate With Barb Wire Arm, Add	*193.73*	
		For Vinyl Coated, Add	*528.37*	
32 31 13 00-0508	EA	20' Long x 4' High Sliding Gate	3,081.26	562.15
		For Gate With Barb Wire Arm, Add	*215.26*	
		For Vinyl Coated, Add	*587.07*	
32 31 13 00-0509	EA	24' Long x 4' High Sliding Gate	3,684.95	676.95
		For Gate With Barb Wire Arm, Add	*256.42*	
		For Vinyl Coated, Add	*699.32*	
32 31 13 00-0510	EA	30' Long x 4' High Sliding Gate	5,490.94	1,277.80
		For Gate With Barb Wire Arm, Add	*322.89*	
		For Vinyl Coated, Add	*880.61*	
32 31 13 00-0511	EA	40' Long x 4' High Sliding Gate	7,321.25	1,703.72
		For Gate With Barb Wire Arm, Add	*430.52*	
		For Vinyl Coated, Add	*1,174.15*	

32 31 13 00-0512 5' High Sliding Gate *(32 31 13 00-0501)*

32 31 13 00-0513	EA	10' Long x 5' High Sliding Gate	1,617.55	305.17
		For Gate With Barb Wire Arm, Add	*110.79*	
		For Vinyl Coated, Add	*302.16*	
32 31 13 00-0514	EA	12' Long x 5' High Sliding Gate	1,940.20	365.81
		For Gate With Barb Wire Arm, Add	*132.95*	
		For Vinyl Coated, Add	*362.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0515	EA	14' Long x 5' High Sliding Gate	2,263.43	426.71
		For Gate With Barb Wire Arm, Add	*155.11*	
		For Vinyl Coated, Add	*423.03*	
32 31 13 00-0516	EA	16' Long x 5' High Sliding Gate	2,587.02	487.77
		For Gate With Barb Wire Arm, Add	*177.27*	
		For Vinyl Coated, Add	*483.46*	
32 31 13 00-0517	EA	18' Long x 5' High Sliding Gate	2,910.20	548.58
		For Gate With Barb Wire Arm, Add	*199.43*	
		For Vinyl Coated, Add	*543.89*	
32 31 13 00-0518	EA	20' Long x 5' High Sliding Gate	3,233.60	609.57
		For Gate With Barb Wire Arm, Add	*221.59*	
		For Vinyl Coated, Add	*604.33*	
32 31 13 00-0519	EA	24' Long x 5' High Sliding Gate	3,864.24	732.31
		For Gate With Barb Wire Arm, Add	*263.95*	
		For Vinyl Coated, Add	*719.87*	
32 31 13 00-0520	EA	30' Long x 5' High Sliding Gate	4,850.71	914.58
		For Gate With Barb Wire Arm, Add	*332.38*	
		For Vinyl Coated, Add	*906.49*	
32 31 13 00-0521	EA	40' Long x 5' High Sliding Gate	6,467.18	1,219.14
		For Gate With Barb Wire Arm, Add	*443.17*	
		For Vinyl Coated, Add	*1,208.65*	

32 31 13 00-0522 6' High Sliding Gate *(32 31 13 00-0501)*

32 31 13 00-0523	EA	10' Long x 6' High Sliding Gate	1,742.84	357.78
		For Gate With Barb Wire Arm, Add	*113.01*	
		For Vinyl Coated, Add	*308.20*	
32 31 13 00-0524	EA	12' Long x 6' High Sliding Gate	2,088.88	428.00
		For Gate With Barb Wire Arm, Add	*135.61*	
		For Vinyl Coated, Add	*369.84*	
32 31 13 00-0525	EA	14' Long x 6' High Sliding Gate	2,436.87	499.27
		For Gate With Barb Wire Arm, Add	*158.21*	
		For Vinyl Coated, Add	*431.48*	
32 31 13 00-0526	EA	16' Long x 6' High Sliding Gate	2,785.19	570.70
		For Gate With Barb Wire Arm, Add	*180.81*	
		For Vinyl Coated, Add	*493.13*	
32 31 13 00-0527	EA	18' Long x 6' High Sliding Gate	3,133.17	641.96
		For Gate With Barb Wire Arm, Add	*203.41*	
		For Vinyl Coated, Add	*554.76*	
32 31 13 00-0528	EA	20' Long x 6' High Sliding Gate	3,485.96	715.64
		For Gate With Barb Wire Arm, Add	*226.01*	
		For Vinyl Coated, Add	*616.40*	
32 31 13 00-0529	EA	24' Long x 6' High Sliding Gate	4,159.69	856.10
		For Gate With Barb Wire Arm, Add	*269.23*	
		For Vinyl Coated, Add	*734.26*	
32 31 13 00-0530	EA	30' Long x 6' High Sliding Gate	5,222.75	1,070.40
		For Gate With Barb Wire Arm, Add	*339.02*	
		For Vinyl Coated, Add	*924.61*	
32 31 13 00-0531	EA	40' Long x 6' High Sliding Gate	6,962.49	1,426.54
		For Gate With Barb Wire Arm, Add	*452.03*	
		For Vinyl Coated, Add	*1,232.81*	

32 31 13 00-0532 7' High Sliding Gate *(32 31 13 00-0501)*

32 31 13 00-0533	EA	10' Long x 7' High Sliding Gate	1,865.74	399.06
		For Gate With Barb Wire Arm, Add	*117.44*	
		For Vinyl Coated, Add	*320.28*	
32 31 13 00-0534	EA	12' Long x 7' High Sliding Gate	2,238.26	478.53
		For Gate With Barb Wire Arm, Add	*140.93*	
		For Vinyl Coated, Add	*384.35*	
32 31 13 00-0535	EA	14' Long x 7' High Sliding Gate	2,612.08	558.69
		For Gate With Barb Wire Arm, Add	*164.41*	
		For Vinyl Coated, Add	*448.39*	
32 31 13 00-0536	EA	16' Long x 7' High Sliding Gate	2,984.53	638.16
		For Gate With Barb Wire Arm, Add	*187.90*	
		For Vinyl Coated, Add	*512.45*	
32 31 13 00-0537	EA	18' Long x 7' High Sliding Gate	3,357.73	718.07
		For Gate With Barb Wire Arm, Add	*211.38*	
		For Vinyl Coated, Add	*576.50*	
32 31 13 00-0538	EA	20' Long x 7' High Sliding Gate	3,730.38	797.62
		For Gate With Barb Wire Arm, Add	*234.87*	
		For Vinyl Coated, Add	*640.56*	
32 31 13 00-0539	EA	24' Long x 7' High Sliding Gate	4,457.65	957.07
		For Gate With Barb Wire Arm, Add	*279.78*	
		For Vinyl Coated, Add	*763.04*	
32 31 13 00-0540	EA	30' Long x 7' High Sliding Gate	5,595.55	1,196.34
		For Gate With Barb Wire Arm, Add	*352.31*	
		For Vinyl Coated, Add	*960.84*	
32 31 13 00-0541	EA	40' Long x 7' High Sliding Gate	7,460.73	1,595.15
		For Gate With Barb Wire Arm, Add	*469.74*	
		For Vinyl Coated, Add	*1,281.12*	

32 31 13 00-0542 8' High Sliding Gate *(32 31 13 00-0501)*

32 31 13 00-0543	EA	10' Long x 8' High Sliding Gate	1,963.88	432.33
		For Gate With Barb Wire Arm, Add	*120.92*	
		For Vinyl Coated, Add	*329.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0544	EA	12' Long x 8' High Sliding Gate	2,354.17	517.58
		For Gate With Barb Wire Arm, Add	*145.10*	
		For Vinyl Coated, Add	*395.72*	
32 31 13 00-0545	EA	14' Long x 8' High Sliding Gate	2,746.59	603.87
		For Gate With Barb Wire Arm, Add	*169.28*	
		For Vinyl Coated, Add	*461.68*	
32 31 13 00-0546	EA	16' Long x 8' High Sliding Gate	3,139.16	690.17
		For Gate With Barb Wire Arm, Add	*193.46*	
		For Vinyl Coated, Add	*527.63*	
32 31 13 00-0547	EA	18' Long x 8' High Sliding Gate	3,530.79	776.10
		For Gate With Barb Wire Arm, Add	*217.65*	
		For Vinyl Coated, Add	*593.59*	
32 31 13 00-0548	EA	20' Long x 8' High Sliding Gate	3,923.45	862.49
		For Gate With Barb Wire Arm, Add	*241.83*	
		For Vinyl Coated, Add	*659.54*	
32 31 13 00-0549	EA	24' Long x 8' High Sliding Gate	4,688.99	1,035.07
		For Gate With Barb Wire Arm, Add	*288.07*	
		For Vinyl Coated, Add	*785.64*	
32 31 13 00-0550	EA	30' Long x 8' High Sliding Gate	5,885.81	1,294.03
		For Gate With Barb Wire Arm, Add	*362.75*	
		For Vinyl Coated, Add	*989.31*	
32 31 13 00-0551	EA	40' Long x 8' High Sliding Gate	7,845.17	1,724.11
		For Gate With Barb Wire Arm, Add	*483.66*	
		For Vinyl Coated, Add	*1,319.08*	

32 31 13 00-0552 9' High Sliding Gate *(32 31 13 00-0501)*

32 31 13 00-0553	EA	10' Long x 9' High Sliding Gate	2,079.86	471.62
		For Gate With Barb Wire Arm, Add	*125.03*	
		For Vinyl Coated, Add	*340.98*	
32 31 13 00-0554	EA	12' Long x 9' High Sliding Gate	2,492.33	564.22
		For Gate With Barb Wire Arm, Add	*150.03*	
		For Vinyl Coated, Add	*409.18*	
32 31 13 00-0555	EA	14' Long x 9' High Sliding Gate	2,907.52	658.11
		For Gate With Barb Wire Arm, Add	*175.04*	
		For Vinyl Coated, Add	*477.38*	
32 31 13 00-0556	EA	16' Long x 9' High Sliding Gate	3,323.43	752.44
		For Gate With Barb Wire Arm, Add	*200.04*	
		For Vinyl Coated, Add	*545.57*	
32 31 13 00-0557	EA	18' Long x 9' High Sliding Gate	3,738.77	846.42
		For Gate With Barb Wire Arm, Add	*225.05*	
		For Vinyl Coated, Add	*613.77*	
32 31 13 00-0558	EA	20' Long x 9' High Sliding Gate	4,154.09	940.40
		For Gate With Barb Wire Arm, Add	*250.06*	
		For Vinyl Coated, Add	*681.97*	
32 31 13 00-0559	EA	24' Long x 9' High Sliding Gate	4,964.65	1,128.36
		For Gate With Barb Wire Arm, Add	*297.87*	
		For Vinyl Coated, Add	*812.36*	
32 31 13 00-0560	EA	30' Long x 9' High Sliding Gate	6,230.36	1,410.30
		For Gate With Barb Wire Arm, Add	*375.08*	
		For Vinyl Coated, Add	*1,022.96*	
32 31 13 00-0561	EA	40' Long x 9' High Sliding Gate	8,310.22	1,881.93
		For Gate With Barb Wire Arm, Add	*500.11*	
		For Vinyl Coated, Add	*1,363.94*	

32 31 13 00-0562 10' High Sliding Gate *(32 31 13 00-0501)*

32 31 13 00-0563	EA	10' Long x 10' High Sliding Gate	2,223.07	518.79
		For Gate With Barb Wire Arm, Add	*130.41*	
		For Vinyl Coated, Add	*355.65*	
32 31 13 00-0564	EA	12' Long x 10' High Sliding Gate	2,667.70	622.53
		For Gate With Barb Wire Arm, Add	*156.49*	
		For Vinyl Coated, Add	*426.78*	
32 31 13 00-0565	EA	14' Long x 10' High Sliding Gate	3,112.67	726.44
		For Gate With Barb Wire Arm, Add	*182.57*	
		For Vinyl Coated, Add	*497.91*	
32 31 13 00-0566	EA	16' Long x 10' High Sliding Gate	3,557.13	830.19
		For Gate With Barb Wire Arm, Add	*208.65*	
		For Vinyl Coated, Add	*569.04*	
32 31 13 00-0567	EA	18' Long x 10' High Sliding Gate	4,001.54	933.84
		For Gate With Barb Wire Arm, Add	*234.73*	
		For Vinyl Coated, Add	*640.17*	
32 31 13 00-0568	EA	20' Long x 10' High Sliding Gate	4,446.16	1,037.57
		For Gate With Barb Wire Arm, Add	*260.81*	
		For Vinyl Coated, Add	*711.30*	
32 31 13 00-0569	EA	24' Long x 10' High Sliding Gate	5,315.42	1,245.57
		For Gate With Barb Wire Arm, Add	*310.68*	
		For Vinyl Coated, Add	*847.30*	
32 31 13 00-0570	EA	30' Long x 10' High Sliding Gate	6,669.24	1,556.37
		For Gate With Barb Wire Arm, Add	*391.22*	
		For Vinyl Coated, Add	*1,066.95*	
32 31 13 00-0571	EA	40' Long x 10' High Sliding Gate	8,889.84	2,073.94
		For Gate With Barb Wire Arm, Add	*521.62*	
		For Vinyl Coated, Add	*1,422.61*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0572		Sliding Cantilever Gate, Single Track, Manually Operated Exposed Roller *(32 31 13 00-0218)*		
		Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, rails, wheel, rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, single track, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate. See CSI section 32 31 11 00-0020 for gate operators.		
32 31 13 00-0573	EA	5' High x 10' Wide Galvanized Cantilever Sliding Gate	2,893.16	345.51
		For Gate With Single Barb Wire Arm, Add	*242.24*	
		For Gate With Double Barb Wire Arm, Add	*352.34*	
		For Aluminized Steel Gate And Post, Add	*1,057.03*	
		For Powder Coated Gate And Post, Add	*462.45*	
		For Vinyl Coated, Add	*660.64*	
32 31 13 00-0574	EA	5' High x 12' Wide Galvanized Cantilever Sliding Gate	3,215.84	431.89
		For Gate With Single Barb Wire Arm, Add	*258.73*	
		For Gate With Double Barb Wire Arm, Add	*376.33*	
		For Aluminized Steel Gate And Post, Add	*1,128.98*	
		For Powder Coated Gate And Post, Add	*493.93*	
		For Vinyl Coated, Add	*705.62*	
32 31 13 00-0575	EA	5' High x 15' Wide Galvanized Cantilever Sliding Gate	3,540.56	518.27
		For Gate With Single Barb Wire Arm, Add	*275.44*	
		For Gate With Double Barb Wire Arm, Add	*400.64*	
		For Aluminized Steel Gate And Post, Add	*1,201.93*	
		For Powder Coated Gate And Post, Add	*525.84*	
		For Vinyl Coated, Add	*751.21*	
32 31 13 00-0576	EA	5' High x 20' Wide Galvanized Cantilever Sliding Gate	4,219.94	691.02
		For Gate With Single Barb Wire Arm, Add	*312.17*	
		For Gate With Double Barb Wire Arm, Add	*454.06*	
		For Aluminized Steel Gate And Post, Add	*1,362.19*	
		For Powder Coated Gate And Post, Add	*595.96*	
		For Vinyl Coated, Add	*851.37*	
32 31 13 00-0577	EA	6' High x 15' Wide Galvanized Cantilever Sliding Gate	3,960.89	691.02
		For Gate With Single Barb Wire Arm, Add	*283.67*	
		For Gate With Double Barb Wire Arm, Add	*412.61*	
		For Aluminized Steel Gate And Post, Add	*1,237.84*	
		For Powder Coated Gate And Post, Add	*541.56*	
		For Vinyl Coated, Add	*773.65*	
32 31 13 00-0578	EA	6' High x 20' Wide Galvanized Cantilever Sliding Gate	4,718.24	906.97
		For Gate With Single Barb Wire Arm, Add	*319.47*	
		For Gate With Double Barb Wire Arm, Add	*464.69*	
		For Aluminized Steel Gate And Post, Add	*1,394.06*	
		For Powder Coated Gate And Post, Add	*609.90*	
		For Vinyl Coated, Add	*871.29*	
32 31 13 00-0579	EA	6' High x 25' Wide Galvanized Cantilever Sliding Gate	6,193.19	1,122.91
		For Gate With Single Barb Wire Arm, Add	*434.21*	
		For Gate With Double Barb Wire Arm, Add	*631.58*	
		For Aluminized Steel Gate And Post, Add	*1,894.73*	
		For Powder Coated Gate And Post, Add	*828.94*	
		For Vinyl Coated, Add	*1,184.21*	
32 31 13 00-0580	EA	6' High x 30' Wide Galvanized Cantilever Sliding Gate	7,034.11	1,338.87
		For Gate With Single Barb Wire Arm, Add	*479.20*	
		For Gate With Double Barb Wire Arm, Add	*697.02*	
		For Aluminized Steel Gate And Post, Add	*2,091.07*	
		For Powder Coated Gate And Post, Add	*914.84*	
		For Vinyl Coated, Add	*1,306.92*	
32 31 13 00-0581	EA	8' High x 15' Wide Galvanized Cantilever Sliding Gate	4,678.03	863.79
		For Gate With Single Barb Wire Arm, Add	*324.55*	
		For Gate With Double Barb Wire Arm, Add	*472.08*	
		For Aluminized Steel Gate And Post, Add	*1,416.23*	
		For Powder Coated Gate And Post, Add	*619.60*	
		For Vinyl Coated, Add	*885.14*	
32 31 13 00-0582	EA	8' High x 20' Wide Galvanized Cantilever Sliding Gate	5,654.48	1,166.11
		For Gate With Single Barb Wire Arm, Add	*365.45*	
		For Gate With Double Barb Wire Arm, Add	*531.56*	
		For Aluminized Steel Gate And Post, Add	*1,594.69*	
		For Powder Coated Gate And Post, Add	*697.68*	
		For Vinyl Coated, Add	*996.68*	
32 31 13 00-0583	EA	8' High x 25' Wide Galvanized Cantilever Sliding Gate	7,452.27	1,468.44
		For Gate With Single Barb Wire Arm, Add	*496.70*	
		For Gate With Double Barb Wire Arm, Add	*722.47*	
		For Aluminized Steel Gate And Post, Add	*2,167.40*	
		For Powder Coated Gate And Post, Add	*948.24*	
		For Vinyl Coated, Add	*1,354.62*	
32 31 13 00-0584	EA	8' High x 30' Wide Galvanized Cantilever Sliding Gate	8,437.88	1,727.56
		For Gate With Single Barb Wire Arm, Add	*548.10*	
		For Gate With Double Barb Wire Arm, Add	*797.24*	
		For Aluminized Steel Gate And Post, Add	*2,391.72*	
		For Powder Coated Gate And Post, Add	*1,046.38*	
		For Vinyl Coated, Add	*1,494.83*	
32 31 13 00-0585		Gate Accessories *(32 31 13 00-0218)*		
32 31 13 00-0586	EA	Gate Center Stop, Cast Steel, Ground	21.16	
32 31 13 00-0587	EA	Gate Latch, Malleable Galvanized Steel	32.09	
32 31 13 00-0588	EA	Gate Keeper, Full Length, Galvanized Steel	142.52	
32 31 13 00-0589	EA	Gate Keeper Hold-Open For Cantilever Gate	70.73	14.47
32 31 13 00-0590	EA	Heavy Duty Gate Latch, Malleable Galvanized Steel	39.72	
32 31 13 00-0591	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For 3' To 5' High Gate	735.58	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0592	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >5' To 8' High Gate	788.68	
32 31 13 00-0593	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >8' To 12' High Gate	841.78	

32 31 13 00-0594 Accessories *(32 31 13)*

32 31 13 00-0595 Barbed And Concertina Wire *(32 31 13 00-0594)*

32 31 13 00-0596 Single Strand Barbed Wire *(32 31 13 00-0595)*

32 31 13 00-0597	LF	Galvanized Barbed Wire, Per Strand Note: Includes clips. 4 points 12-1/2 Gauge, Class I.	0.81	0.38
		For >500 To 2000, Deduct	*-0.08*	
		For >2000, Deduct	*-0.12*	
32 31 13 00-0598	LF	Vinyl Coated Barbed Wire (Fused), Per Strand Note: Includes clips.	0.90	0.38
		For >500 To 2000, Deduct	*-0.08*	
		For >2000, Deduct	*-0.12*	
32 31 13 00-0599	EA	Barbed Wire Extension Arms 3 Strands (Single Arm)	8.48	6.09
32 31 13 00-0600	EA	Barbed Wire Extension Arms 6 Strands (Double Arm)	13.18	7.31
32 31 13 00-0601	EA	Barbed Wire Eye Tops (For Single Strand)	9.00	6.09

32 31 13 00-0602 Galvanized Steel Concertina (Razor) Wire, Single Coil *(32 31 13 00-0595)*

32 31 13 00-0603	LF	18" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	2.52	0.53
		For >500 To 1500, Deduct	*-0.23*	
		For >1500 To 5000, Deduct	*-0.45*	
		For >5000, Deduct	*-0.66*	
		For Ground Installation, Deduct	*-0.38*	
		For Double Coil (Helix), Add	*1.76*	
32 31 13 00-0604	LF	18" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	3.80	0.53
		For >500 To 1500, Deduct	*-0.34*	
		For >1500 To 5000, Deduct	*-0.68*	
		For >5000, Deduct	*-0.99*	
		For Ground Installation, Deduct	*-0.57*	
		For Double Coil (Helix), Add	*2.66*	
32 31 13 00-0605	LF	18" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	5.05	0.53
		For >500 To 1500, Deduct	*-0.46*	
		For >1500 To 5000, Deduct	*-0.91*	
		For >5000, Deduct	*-1.32*	
		For Ground Installation, Deduct	*-0.76*	
		For Double Coil (Helix), Add	*3.53*	
32 31 13 00-0606	LF	24" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	3.09	0.53
		For >500 To 1500, Deduct	*-0.27*	
		For >1500 To 5000, Deduct	*-0.55*	
		For >5000, Deduct	*-0.79*	
		For Ground Installation, Deduct	*-0.42*	
		For Double Coil (Helix), Add	*2.25*	
32 31 13 00-0607	LF	24" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	4.66	0.53
		For >500 To 1500, Deduct	*-0.41*	
		For >1500 To 5000, Deduct	*-0.83*	
		For >5000, Deduct	*-1.19*	
		For Ground Installation, Deduct	*-0.64*	
		For Double Coil (Helix), Add	*3.39*	
32 31 13 00-0608	LF	24" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	6.16	0.53
		For >500 To 1500, Deduct	*-0.55*	
		For >1500 To 5000, Deduct	*-1.09*	
		For >5000, Deduct	*-1.57*	
		For Ground Installation, Deduct	*-0.84*	
		For Double Coil (Helix), Add	*4.48*	
32 31 13 00-0609	LF	30" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	7.39	0.53
		For >500 To 1500, Deduct	*-0.60*	
		For >1500 To 5000, Deduct	*-1.20*	
		For >5000, Deduct	*-1.67*	
		For Ground Installation, Deduct	*-0.48*	
		For Double Coil (Helix), Add	*6.44*	
32 31 13 00-0610	LF	30" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	11.18	0.53
		For >500 To 1500, Deduct	*-0.91*	
		For >1500 To 5000, Deduct	*-1.82*	
		For >5000, Deduct	*-2.52*	
		For Ground Installation, Deduct	*-0.72*	
		For Double Coil (Helix), Add	*9.75*	
32 31 13 00-0611	LF	30" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	14.79	0.53
		For >500 To 1500, Deduct	*-1.20*	
		For >1500 To 5000, Deduct	*-2.41*	
		For >5000, Deduct	*-3.34*	
		For Ground Installation, Deduct	*-0.95*	
		For Double Coil (Helix), Add	*12.89*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0612		Stainless Steel Concertina (Razor) Wire, Single Coil *(32 31 13 00-0595)*		
32 31 13 00-0613	LF	18" Diameter, 18" O.C. Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	3.12	0.53
		For >500 To 1500, Deduct	*-0.27*	
		For >1500 To 5000, Deduct	*-0.54*	
		For >5000, Deduct	*-0.78*	
		For Ground Installation, Deduct	*-0.38*	
		For Double Coil (Helix), Add	*2.36*	
32 31 13 00-0614	LF	18" Diameter, 12" O.C. Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	4.71	0.53
		For >500 To 1500, Deduct	*-0.41*	
		For >1500 To 5000, Deduct	*-0.82*	
		For >5000, Deduct	*-1.17*	
		For Ground Installation, Deduct	*-0.57*	
		For Double Coil (Helix), Add	*3.57*	
32 31 13 00-0615	LF	18" Diameter, 9" O.C. Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	6.25	0.53
		For >500 To 1500, Deduct	*-0.55*	
		For >1500 To 5000, Deduct	*-1.09*	
		For >5000, Deduct	*-1.56*	
		For Ground Installation, Deduct	*-0.76*	
		For Double Coil (Helix), Add	*4.73*	
32 31 13 00-0616	LF	24" Diameter, 18" O.C. Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	3.89	0.53
		For >500 To 1500, Deduct	*-0.33*	
		For >1500 To 5000, Deduct	*-0.67*	
		For >5000, Deduct	*-0.95*	
		For Ground Installation, Deduct	*-0.42*	
		For Double Coil (Helix), Add	*3.05*	
32 31 13 00-0617	LF	24" Diameter, 12" O.C. Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	5.87	0.53
		For >500 To 1500, Deduct	*-0.50*	
		For >1500 To 5000, Deduct	*-1.01*	
		For >5000, Deduct	*-1.43*	
		For Ground Installation, Deduct	*-0.64*	
		For Double Coil (Helix), Add	*4.60*	
32 31 13 00-0618	LF	24" Diameter, 9" O.C. Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	7.76	0.53
		For >500 To 1500, Deduct	*-0.67*	
		For >1500 To 5000, Deduct	*-1.33*	
		For >5000, Deduct	*-1.89*	
		For Ground Installation, Deduct	*-0.84*	
		For Double Coil (Helix), Add	*6.08*	
32 31 13 00-0619	LF	30" Diameter, 18" O.C. Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	10.42	0.53
		For >500 To 1500, Deduct	*-0.83*	
		For >1500 To 5000, Deduct	*-1.66*	
		For >5000, Deduct	*-2.27*	
		For Ground Installation, Deduct	*-0.48*	
		For Double Coil (Helix), Add	*9.47*	
32 31 13 00-0620	LF	30" Diameter, 12" O.C. Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	15.77	0.53
		For >500 To 1500, Deduct	*-1.25*	
		For >1500 To 5000, Deduct	*-2.51*	
		For >5000, Deduct	*-3.44*	
		For Ground Installation, Deduct	*-0.72*	
		For Double Coil (Helix), Add	*14.34*	
32 31 13 00-0621	LF	30" Diameter, 9" O.C. Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	20.85	0.53
		For >500 To 1500, Deduct	*-1.66*	
		For >1500 To 5000, Deduct	*-3.32*	
		For >5000, Deduct	*-4.55*	
		For Ground Installation, Deduct	*-0.95*	
		For Double Coil (Helix), Add	*18.95*	
32 31 13 00-0622		Grounding For Gates *(32 31 13 00-0594)* Note: Includes two of each of the following per opening: 5/8 ground rods, clamps, braided straps and #6 bare copper wire.		
32 31 13 00-0623	OPN	Grounding For Gates (Per Opening)	375.65	
32 31 13 00-0624		Coiled Spring Reinforcing Wire *(32 31 13 00-0594)*		
32 31 13 00-0625		Galvanized Steel *(32 31 13 00-0624)*		
32 31 13 00-0626	LF	7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring	0.88	0.38
32 31 13 00-0627		Vinyl Coated Steel *(32 31 13 00-0624)*		
32 31 13 00-0628	LF	9 Gauge, Vinyl Coated Steel, Reinforcing Wire Coiled Spring	0.88	0.38
32 31 13 00-0629		Bending Of Fabric Around Pipe Railings *(32 31 13 00-0594)* Note: Only where specified.		
32 31 13 00-0630	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Top	1.18	
32 31 13 00-0631	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Bottom	1.03	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 00-0632		Mounting Plate With Anchors Or Bolts *(32 31 13 00-0594)* Note: For drilling for anchor or bolts, installing post on or against flat surface.		
32 31 13 00-0633	EA	Mounting Plate For 1-5/8" Diameter Post	26.99	
32 31 13 00-0634	EA	Mounting Plate For 2" Diameter Post	27.36	
32 31 13 00-0635	EA	Mounting Plate For 2-1/2" Diameter Post	28.22	
32 31 13 00-0636	EA	Mounting Plate For 3" Diameter Post	33.53	
32 31 13 00-0637	EA	Mounting Plate For 4" Diameter Post	38.25	
32 31 13 00-0638	EA	Mounting Plate For 6-5/8" Diameter Post	43.92	
32 31 13 00-0639	EA	Mounting Plate For 8-5/8" Diameter Post	51.39	
32 31 13 00-0640		Fence And Gate Repair And Replacement *(32 31 13)*		
32 31 13 00-0641		Fence And Gate Parts Replacement *(32 31 13 00-0640)*		
32 31 13 00-0642	EA	Cantilever Roller Assembly, Ball Bearing With Fittings, Replacement	86.61	
32 31 13 00-0643	EA	Sliding Gate Roller Assembly Replacement	86.56	
32 31 13 00-0644	EA	Rod And Lock Gate Keeper Replacement	85.24	
32 31 13 00-0645	EA	Galvanized Gate Holdback Replacement	19.74	
32 31 13 00-0646	LF	3/8" Cross Bracing Rod Replacement	1.11	
32 31 13 00-0647	LF	1-5/8" Diagonal Pipe Bracing Replacement	1.70	
32 31 13 00-0648	EA	2-3/8" Diameter Cast Steel Gate Hinge With Bolts, Replacement	14.52	
32 31 13 00-0649	EA	3" Diameter Cast Steel Gate Hinge With Bolts, Replacement	16.27	
32 31 13 00-0650	EA	4" Diameter Cast Steel Gate Hinge With Bolts, Replacement	18.16	
32 31 13 00-0651	EA	6-5/8" Diameter Cast Steel Gate Hinge With Bolts, Replacement	36.02	
32 31 13 00-0652	EA	8-5/8" Diameter Cast Steel Gate Hinge With Bolts, Replacement	43.72	
32 31 13 00-0653	EA	2-1/2" x 2" Off Set Gate Hinge Replacement	18.00	
32 31 13 00-0654	EA	3" x 2" Off Set Gate Hinge Replacement	18.82	
32 31 13 00-0655	EA	4" x 2" Off Set Gate Hinge Replacement	20.10	
32 31 13 00-0656	EA	6-5/8" x 2" Off Set Gate Hinge Replacement	31.81	
32 31 13 00-0657	EA	8-5/8" x 2" Off Set Gate Hinge Replacement	49.10	
32 31 13 00-0658	EA	1-5/8" Aluminum Die-Cast Post Cap Replacement	3.81	
32 31 13 00-0659	EA	2" Aluminum Die-Cast Post Cap Replacement	4.18	
32 31 13 00-0660	EA	2-1/2" Aluminum Die-Cast Post Cap Replacement	4.72	
32 31 13 00-0661	EA	3" Aluminum Die-Cast Post Cap Replacement	5.35	
32 31 13 00-0662	EA	2" Galvanized Post Cap Replacement	4.68	
32 31 13 00-0663	EA	2-1/2" Galvanized Post Cap Replacement	5.07	
32 31 13 00-0664	EA	3" Galvanized Post Cap Replacement	5.78	
32 31 13 00-0665	EA	4" Galvanized Post Cap Replacement	8.33	
32 31 13 00-0666	EA	6-5/8" Galvanized Post Cap Replacement	14.96	
32 31 13 00-0667	EA	8-5/8" Galvanized Post Cap Replacement	24.23	
32 31 13 00-0668	EA	1-5/8" Boulevard Clamp Replacement	7.90	
32 31 13 00-0669	EA	2" Boulevard Clamp Replacement	9.59	
32 31 13 00-0670	EA	2-1/2" Boulevard Clamp Replacement	11.27	
32 31 13 00-0671	EA	3" Boulevard Clamp Replacement	13.68	
32 31 13 00-0672	EA	1-5/8" Gate Brace Or End Rail Clamp Replacement	7.76	
32 31 13 00-0673	EA	2" Gate Brace Or End Rail Clamp Replacement	9.41	
32 31 13 00-0674	EA	2-1/2" Gate Brace Or End Rail Clamp Replacement	11.08	
32 31 13 00-0675	EA	3" Gate Brace Or End Rail Clamp Replacement	13.48	
32 31 13 00-0676	EA	1-3/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.20	
32 31 13 00-0677	EA	1-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.26	
32 31 13 00-0678	EA	2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.42	
32 31 13 00-0679	EA	2-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.35	
32 31 13 00-0680	EA	3" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.47	
32 31 13 00-0681	EA	3-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.57	
32 31 13 00-0682	EA	4" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.85	
32 31 13 00-0683	EA	6-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	10.93	
32 31 13 00-0684		Remove And Reinstall Chain Link Fences *(32 31 13)* Note: Includes removal, storage, cleaning and reinstallation of fence fabric, rails and other components. Excludes post work.		
32 31 13 00-0685	LF	Removal And Reinstallation Of Chain Link Fence Up To 5' Height	15.24	
32 31 13 00-0686	LF	Removal And Reinstallation Of Chain Link Fence 6' To 12' Height	22.85	
32 31 19		**Decorative Metal Fences And Gates** *(32 31)* See CSI section 32 31 13 00-0001 for drilling and grouting.		
32 31 19 00-0001		Wrought Iron Fence *(32 31 19)* Note: Factory primed.		
32 31 19 00-0002		Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center *(32 31 19 00-0001)* Note: Factory primed.		
32 31 19 00-0003	LF	3' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	55.54	8.38
		For Verticals Up To 2" On Center, Add	*7.76*	
		For Verticals >2" To 2-1/2" On Center, Add	*3.88*	
		For Verticals >3" To 4" On Center, Deduct	*-3.88*	
		For Verticals >4" To 6" On Center, Deduct	*-7.76*	
32 31 19 00-0004	LF	4' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	71.99	10.66
		For Verticals Up To 2" On Center, Add	*10.28*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.14*	
		For Verticals >3" To 4" On Center, Deduct	*-5.14*	
		For Verticals >4" To 6" On Center, Deduct	*-10.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0005	LF	5' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	87.23	11.12
		For Verticals Up To 2" On Center, Add	*12.97*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.48*	
		For Verticals >3" To 4" On Center, Deduct	*-6.48*	
		For Verticals >4" To 6" On Center, Deduct	*-12.97*	
32 31 19 00-0006	LF	6' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	105.80	13.41
		For Verticals Up To 2" On Center, Add	*15.78*	
		For Verticals >2" To 2-1/2" On Center, Add	*7.89*	
		For Verticals >3" To 4" On Center, Deduct	*-7.89*	
		For Verticals >4" To 6" On Center, Deduct	*-15.78*	
32 31 19 00-0007	LF	7' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	126.46	14.19
		For Verticals Up To 2" On Center, Add	*19.62*	
		For Verticals >2" To 2-1/2" On Center, Add	*9.81*	
		For Verticals >3" To 4" On Center, Deduct	*-9.81*	
		For Verticals >4" To 6" On Center, Deduct	*-19.62*	
32 31 19 00-0008	LF	8' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	147.12	14.93
		For Verticals Up To 2" On Center, Add	*23.45*	
		For Verticals >2" To 2-1/2" On Center, Add	*11.73*	
		For Verticals >3" To 4" On Center, Deduct	*-11.73*	
		For Verticals >4" To 6" On Center, Deduct	*-23.45*	
32 31 19 00-0009	LF	10' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	181.22	16.76
		For Verticals Up To 2" On Center, Add	*29.54*	
		For Verticals >2" To 2-1/2" On Center, Add	*14.77*	
		For Verticals >3" To 4" On Center, Deduct	*-14.77*	
		For Verticals >4" To 6" On Center, Deduct	*-29.54*	
32 31 19 00-0010	LF	12' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	215.44	19.04
		For Verticals Up To 2" On Center, Add	*35.47*	
		For Verticals >2" To 2-1/2" On Center, Add	*17.74*	
		For Verticals >3" To 4" On Center, Deduct	*-17.74*	
		For Verticals >4" To 6" On Center, Deduct	*-35.47*	

32 31 19 00-0011 Wrought Iron Gates *(32 31 19 00-0001)*

Note: Factory primed.

32 31 19 00-0012 Single Wrought Iron Gates *(32 31 19 00-0011)*

Note: Factory primed.

32 31 19 00-0013	LF	3' Single Wrought Iron Gate, Hardware And Associated Trim	69.08	10.21
32 31 19 00-0014	LF	4' Single Wrought Iron Gate, Hardware And Associated Trim	90.73	12.65
32 31 19 00-0015	LF	5' Single Wrought Iron Gate, Hardware And Associated Trim	111.78	15.24
32 31 19 00-0016	LF	6' Single Wrought Iron Gate, Hardware And Associated Trim	136.23	18.28
32 31 19 00-0017	LF	8' Single Wrought Iron Gate, Hardware And Associated Trim	189.01	20.26
32 31 19 00-0018	LF	10' Single Wrought Iron Gate, Hardware And Associated Trim	232.06	22.40
32 31 19 00-0019	LF	12' Single Wrought Iron Gate, Hardware And Associated Trim	274.22	25.44

32 31 19 00-0020 Double Wrought Iron Gates *(32 31 19 00-0011)*

Note: Factory primed.

32 31 19 00-0021	LF	3' Double Wrought Iron Gate, Hardware And Associated Trim	85.05	9.14
32 31 19 00-0022	LF	4' Double Wrought Iron Gate, Hardware And Associated Trim	112.16	11.43
32 31 19 00-0023	LF	5' Double Wrought Iron Gate, Hardware And Associated Trim	137.69	13.71
32 31 19 00-0024	LF	6' Double Wrought Iron Gate, Hardware And Associated Trim	167.48	16.45
32 31 19 00-0025	LF	8' Double Wrought Iron Gate, Hardware And Associated Trim	233.25	18.28
32 31 19 00-0026	LF	10' Double Wrought Iron Gate, Hardware And Associated Trim	286.77	20.11
32 31 19 00-0027	LF	12' Double Wrought Iron Gate, Hardware And Associated Trim	339.30	22.85

32 31 19 00-0028 Repair Or Replace Wrought Iron Fence *(32 31 19 00-0001)*

32 31 19 00-0029	LF	Replace Wrought Iron Picket	17.26	
32 31 19 00-0030	LF	Replace Wrought Iron Post	26.91	
32 31 19 00-0031	EA	Straighten Wrought Iron Post	60.94	

32 31 19 00-0032 Steel Tube Fence, Galvanized *(32 31 19)*

Note: Pickets are 3/4" square x 16 gauge.

32 31 19 00-0033 Steel Tube Fence, 2 Rail *(32 31 19 00-0032)*

32 31 19 00-0034	LF	3' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	41.23	8.38
		For Verticals Up To 2" On Center, Add	*4.96*	
		For Verticals >2" To 2-1/2" On Center, Add	*2.48*	
		For Verticals >3" To 4" On Center, Deduct	*-2.48*	
		For Verticals >4" To 6" On Center, Deduct	*-4.96*	
		For Powder Coated Finish, Add	*3.72*	
		For Solid Pickets, Add	*8.04*	
		For Aluminum With Satin Finish, Add	*4.98*	
		For Third Rail, Add	*1.86*	
		For 1" Square x 14 Gauge Pickets, Add	*6.20*	
		For Color, Add	*1.24*	
		For 3" Square Posts, Add	*2.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0035	LF	4' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	46.96	9.90
		For Verticals Up To 2" On Center, Add	*5.51*	
		For Verticals >2" To 2-1/2" On Center, Add	*2.76*	
		For Verticals >3" To 4" On Center, Deduct	*-2.76*	
		For Verticals >4" To 6" On Center, Deduct	*-5.51*	
		For Powder Coated Finish, Add	*4.13*	
		For Solid Pickets, Add	*9.11*	
		For Aluminum With Satin Finish, Add	*5.35*	
		For Third Rail, Add	*2.07*	
		For 1" Square x 14 Gauge Pickets, Add	*6.89*	
		For Color, Add	*1.38*	
		For 3" Square Posts, Add	*2.76*	
32 31 19 00-0036	LF	5' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	50.64	11.12
		For Verticals Up To 2" On Center, Add	*5.65*	
		For Verticals >2" To 2-1/2" On Center, Add	*2.82*	
		For Verticals >3" To 4" On Center, Deduct	*-2.82*	
		For Verticals >4" To 6" On Center, Deduct	*-5.65*	
		For Powder Coated Finish, Add	*4.24*	
		For Solid Pickets, Add	*9.71*	
		For Aluminum With Satin Finish, Add	*5.11*	
		For Third Rail, Add	*2.12*	
		For 1" Square x 14 Gauge Pickets, Add	*7.06*	
		For Color, Add	*1.41*	
		For 3" Square Posts, Add	*2.82*	
32 31 19 00-0037	LF	6' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	58.43	12.57
		For Verticals Up To 2" On Center, Add	*6.66*	
		For Verticals >2" To 2-1/2" On Center, Add	*3.33*	
		For Verticals >3" To 4" On Center, Deduct	*-3.33*	
		For Verticals >4" To 6" On Center, Deduct	*-6.66*	
		For Powder Coated Finish, Add	*4.99*	
		For Solid Pickets, Add	*11.26*	
		For Aluminum With Satin Finish, Add	*6.22*	
		For Third Rail, Add	*2.50*	
		For 1" Square x 14 Gauge Pickets, Add	*8.32*	
		For Color, Add	*1.66*	
		For 3" Square Posts, Add	*3.33*	
32 31 19 00-0038	LF	7' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	66.42	13.71
		For Verticals Up To 2" On Center, Add	*7.80*	
		For Verticals >2" To 2-1/2" On Center, Add	*3.90*	
		For Verticals >3" To 4" On Center, Deduct	*-3.90*	
		For Verticals >4" To 6" On Center, Deduct	*-7.80*	
		For Powder Coated Finish, Add	*5.85*	
		For Solid Pickets, Add	*12.89*	
		For Aluminum With Satin Finish, Add	*7.59*	
		For Third Rail, Add	*2.93*	
		For 1" Square x 14 Gauge Pickets, Add	*9.75*	
		For Color, Add	*1.95*	
		For 4" Square Posts, Add	*13.65*	
32 31 19 00-0039	LF	8' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	74.57	14.93
		For Verticals Up To 2" On Center, Add	*8.94*	
		For Verticals >2" To 2-1/2" On Center, Add	*4.47*	
		For Verticals >3" To 4" On Center, Deduct	*-4.47*	
		For Verticals >4" To 6" On Center, Deduct	*-8.94*	
		For Powder Coated Finish, Add	*6.71*	
		For Solid Pickets, Add	*14.54*	
		For Aluminum With Satin Finish, Add	*8.93*	
		For Third Rail, Add	*3.35*	
		For 1" Square x 14 Gauge Pickets, Add	*11.18*	
		For Color, Add	*2.24*	
		For 4" Square Posts, Add	*15.65*	
32 31 19 00-0040	LF	9' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	85.75	16.00
		For Verticals Up To 2" On Center, Add	*10.75*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.38*	
		For Verticals >3" To 4" On Center, Deduct	*-5.38*	
		For Verticals >4" To 6" On Center, Deduct	*-10.75*	
		For Powder Coated Finish, Add	*8.06*	
		For Solid Pickets, Add	*16.89*	
		For Aluminum With Satin Finish, Add	*11.33*	
		For Third Rail, Add	*4.03*	
		For 1" Square x 14 Gauge Pickets, Add	*13.44*	
		For Color, Add	*2.69*	
		For 4" Square Posts, Add	*18.82*	
32 31 19 00-0041	LF	10' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	97.09	17.14
		For Verticals Up To 2" On Center, Add	*12.56*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.28*	
		For Verticals >3" To 4" On Center, Deduct	*-6.28*	
		For Verticals >4" To 6" On Center, Deduct	*-12.56*	
		For Powder Coated Finish, Add	*9.42*	
		For Solid Pickets, Add	*19.27*	
		For Aluminum With Satin Finish, Add	*13.70*	
		For Third Rail, Add	*4.71*	
		For 1" Square x 14 Gauge Pickets, Add	*15.70*	
		For Color, Add	*3.14*	
		For 6" Square Posts, Add	*21.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0042	LF	12' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	113.57	19.04
		For Verticals Up To 2" On Center, Add	*15.10*	
		For Verticals >2" To 2-1/2" On Center, Add	*7.55*	
		For Verticals >3" To 4" On Center, Deduct	*-7.55*	
		For Verticals >4" To 6" On Center, Deduct	*-15.10*	
		For Powder Coated Finish, Add	*11.32*	
		For Solid Pickets, Add	*22.70*	
		For Aluminum With Satin Finish, Add	*16.93*	
		For Third Rail, Add	*5.66*	
		For 1" Square x 14 Gauge Pickets, Add	*18.87*	
		For Color, Add	*3.77*	
		For 6" Square Posts, Add	*26.42*	
32 31 19 00-0043	LF	14' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	121.76	20.57
		For Verticals Up To 2" On Center, Add	*16.13*	
		For Verticals >2" To 2-1/2" On Center, Add	*8.06*	
		For Verticals >3" To 4" On Center, Deduct	*-8.06*	
		For Verticals >4" To 6" On Center, Deduct	*-16.13*	
		For Powder Coated Finish, Add	*12.09*	
		For Solid Pickets, Add	*24.31*	
		For Aluminum With Satin Finish, Add	*18.02*	
		For Third Rail, Add	*6.05*	
		For 1" Square x 14 Gauge Pickets, Add	*20.16*	
		For Color, Add	*4.03*	
		For 6" Square Posts, Add	*28.22*	

32 31 19 00-0044 Steel Tube Swing Gates *(32 31 19 00-0032)*

32 31 19 00-0045 4' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0044)*

32 31 19 00-0046	EA	4' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim	624.32	19.04
		For Solid Pickets, Add	*136.19*	
		For Aluminum With Satin Finish, Add	*161.59*	
		For Third Rail, Add	*42.54*	
		For 1" Square x 14 Gauge Pickets, Add	*56.72*	
		For Color, Add	*28.36*	
32 31 19 00-0047	EA	5' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim	696.19	20.26
		For Solid Pickets, Add	*152.07*	
		For Aluminum With Satin Finish, Add	*181.43*	
		For Third Rail, Add	*47.64*	
		For 1" Square x 14 Gauge Pickets, Add	*63.53*	
		For Color, Add	*31.76*	
32 31 19 00-0048	EA	6' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim	753.76	24.38
		For Solid Pickets, Add	*164.11*	
		For Aluminum With Satin Finish, Add	*193.22*	
		For Third Rail, Add	*51.05*	
		For 1" Square x 14 Gauge Pickets, Add	*68.06*	
		For Color, Add	*34.03*	
32 31 19 00-0049	EA	7' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim	924.76	28.41
		For Solid Pickets, Add	*201.67*	
		For Aluminum With Satin Finish, Add	*239.03*	
		For Third Rail, Add	*62.96*	
		For 1" Square x 14 Gauge Pickets, Add	*83.94*	
		For Color, Add	*41.97*	
32 31 19 00-0050	EA	8' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim	1,038.20	28.41
		For Solid Pickets, Add	*227.20*	
		For Aluminum With Satin Finish, Add	*273.07*	
		For Third Rail, Add	*71.47*	
		For 1" Square x 14 Gauge Pickets, Add	*95.29*	
		For Color, Add	*47.64*	
32 31 19 00-0051	EA	9' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim	1,153.31	36.56
		For Solid Pickets, Add	*251.27*	
		For Aluminum With Satin Finish, Add	*296.63*	
		For Third Rail, Add	*78.27*	
		For 1" Square x 14 Gauge Pickets, Add	*104.36*	
		For Color, Add	*52.18*	
32 31 19 00-0052	EA	10' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim	1,256.25	40.60
		For Solid Pickets, Add	*273.52*	
		For Aluminum With Satin Finish, Add	*322.03*	
		For Third Rail, Add	*85.08*	
		For 1" Square x 14 Gauge Pickets, Add	*113.44*	
		For Color, Add	*56.72*	

32 31 19 00-0053 5' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0044)*

32 31 19 00-0054	EA	4' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim	673.50	20.26
		For Solid Pickets, Add	*146.97*	
		For Aluminum With Satin Finish, Add	*174.63*	
		For Third Rail, Add	*45.94*	
		For 1" Square x 14 Gauge Pickets, Add	*61.26*	
		For Color, Add	*30.63*	
32 31 19 00-0055	EA	5' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim	745.38	21.56
		For Solid Pickets, Add	*162.85*	
		For Aluminum With Satin Finish, Add	*194.47*	
		For Third Rail, Add	*51.05*	
		For 1" Square x 14 Gauge Pickets, Add	*68.06*	
		For Color, Add	*34.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0056	EA	6' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim	803.70	25.90
		For Solid Pickets, Add	*175.01*	
		For Aluminum With Satin Finish, Add	*206.15*	
		For Third Rail, Add	*54.45*	
		For 1" Square x 14 Gauge Pickets, Add	*72.60*	
		For Color, Add	*36.30*	
32 31 19 00-0057	EA	7' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim	975.46	30.17
		For Solid Pickets, Add	*212.68*	
		For Aluminum With Satin Finish, Add	*251.85*	
		For Third Rail, Add	*66.36*	
		For 1" Square x 14 Gauge Pickets, Add	*88.48*	
		For Color, Add	*44.24*	
32 31 19 00-0058	EA	8' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim	1,125.30	34.74
		For Solid Pickets, Add	*245.37*	
		For Aluminum With Satin Finish, Add	*290.63*	
		For Third Rail, Add	*76.57*	
		For 1" Square x 14 Gauge Pickets, Add	*102.09*	
		For Color, Add	*51.05*	
32 31 19 00-0059	EA	9' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim	1,229.00	39.08
		For Solid Pickets, Add	*267.73*	
		For Aluminum With Satin Finish, Add	*315.91*	
		For Third Rail, Add	*83.38*	
		For 1" Square x 14 Gauge Pickets, Add	*111.17*	
		For Color, Add	*55.58*	
32 31 19 00-0060	EA	10' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim	1,355.38	43.34
		For Solid Pickets, Add	*295.19*	
		For Aluminum With Satin Finish, Add	*348.00*	
		For Third Rail, Add	*91.88*	
		For 1" Square x 14 Gauge Pickets, Add	*122.51*	
		For Color, Add	*61.26*	

32 31 19 00-0061 6' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0044)*

32 31 19 00-0062	EA	4' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim	745.91	21.71
		For Solid Pickets, Add	*162.93*	
		For Aluminum With Satin Finish, Add	*194.39*	
		For Third Rail, Add	*51.05*	
		For 1" Square x 14 Gauge Pickets, Add	*68.06*	
		For Color, Add	*34.03*	
32 31 19 00-0063	EA	5' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim	818.01	23.08
		For Solid Pickets, Add	*178.85*	
		For Aluminum With Satin Finish, Add	*214.21*	
		For Third Rail, Add	*56.15*	
		For 1" Square x 14 Gauge Pickets, Add	*74.87*	
		For Color, Add	*37.43*	
32 31 19 00-0064	EA	6' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim	877.85	27.88
		For Solid Pickets, Add	*191.23*	
		For Aluminum With Satin Finish, Add	*225.65*	
		For Third Rail, Add	*59.55*	
		For 1" Square x 14 Gauge Pickets, Add	*79.41*	
		For Color, Add	*39.70*	
32 31 19 00-0065	EA	7' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim	1,051.14	32.76
		For Solid Pickets, Add	*229.14*	
		For Aluminum With Satin Finish, Add	*271.13*	
		For Third Rail, Add	*71.47*	
		For 1" Square x 14 Gauge Pickets, Add	*95.29*	
		For Color, Add	*47.64*	
32 31 19 00-0066	EA	8' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim	1,187.36	37.33
		For Solid Pickets, Add	*258.76*	
		For Aluminum With Satin Finish, Add	*305.82*	
		For Third Rail, Add	*80.65*	
		For 1" Square x 14 Gauge Pickets, Add	*107.54*	
		For Color, Add	*53.77*	
32 31 19 00-0067	EA	9' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim	1,306.20	42.12
		For Solid Pickets, Add	*284.41*	
		For Aluminum With Satin Finish, Add	*334.96*	
		For Third Rail, Add	*88.48*	
		For 1" Square x 14 Gauge Pickets, Add	*117.98*	
		For Color, Add	*58.99*	
32 31 19 00-0068	EA	10' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim	1,434.11	46.92
		For Solid Pickets, Add	*312.11*	
		For Aluminum With Satin Finish, Add	*366.82*	
		For Third Rail, Add	*96.99*	
		For 1" Square x 14 Gauge Pickets, Add	*129.32*	
		For Color, Add	*64.66*	

32 31 19 00-0069 7' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0044)*

32 31 19 00-0070	EA	4' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim	759.41	23.39
		For Solid Pickets, Add	*165.59*	
		For Aluminum With Satin Finish, Add	*196.18*	
		For Third Rail, Add	*51.68*	
		For 1" Square x 14 Gauge Pickets, Add	*68.91*	
		For Color, Add	*34.46*	
32 31 19 00-0071	EA	5' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim	844.05	24.60
		For Solid Pickets, Add	*184.37*	
		For Aluminum With Satin Finish, Add	*219.96*	
		For Third Rail, Add	*57.76*	
		For 1" Square x 14 Gauge Pickets, Add	*77.02*	
		For Color, Add	*38.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0072	EA	6' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim	924.91	29.94
		For Solid Pickets, Add	*201.36*	
		For Aluminum With Satin Finish, Add	*237.02*	
		For Third Rail, Add	*62.63*	
		For 1" Square x 14 Gauge Pickets, Add	*83.50*	
		For Color, Add	*41.75*	
32 31 19 00-0073	EA	7' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim	1,138.76	35.04
		For Solid Pickets, Add	*248.34*	
		For Aluminum With Satin Finish, Add	*294.32*	
		For Third Rail, Add	*77.52*	
		For 1" Square x 14 Gauge Pickets, Add	*103.36*	
		For Color, Add	*51.68*	
32 31 19 00-0074	EA	8' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim	1,357.44	40.30
		For Solid Pickets, Add	*296.34*	
		For Aluminum With Satin Finish, Add	*352.73*	
		For Third Rail, Add	*92.72*	
		For 1" Square x 14 Gauge Pickets, Add	*123.63*	
		For Color, Add	*61.82*	
32 31 19 00-0075	EA	9' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim	1,392.93	45.40
		For Solid Pickets, Add	*303.18*	
		For Aluminum With Satin Finish, Add	*356.52*	
		For Third Rail, Add	*94.24*	
		For 1" Square x 14 Gauge Pickets, Add	*125.66*	
		For Color, Add	*62.83*	
32 31 19 00-0076	EA	10' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim	1,530.54	50.73
		For Solid Pickets, Add	*332.95*	
		For Aluminum With Satin Finish, Add	*390.60*	
		For Third Rail, Add	*103.36*	
		For 1" Square x 14 Gauge Pickets, Add	*137.82*	
		For Color, Add	*68.91*	

32 31 19 00-0077 8' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0044)*

32 31 19 00-0078	EA	4' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim	846.34	25.37
		For Solid Pickets, Add	*184.71*	
		For Aluminum With Satin Finish, Add	*219.62*	
		For Third Rail, Add	*57.76*	
		For 1" Square x 14 Gauge Pickets, Add	*77.02*	
		For Color, Add	*38.51*	
32 31 19 00-0079	EA	5' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim	956.44	28.26
		For Solid Pickets, Add	*208.83*	
		For Aluminum With Satin Finish, Add	*248.71*	
		For Third Rail, Add	*65.36*	
		For 1" Square x 14 Gauge Pickets, Add	*87.15*	
		For Color, Add	*43.58*	
32 31 19 00-0080	EA	6' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim	987.75	31.99
		For Solid Pickets, Add	*215.05*	
		For Aluminum With Satin Finish, Add	*253.13*	
		For Third Rail, Add	*66.88*	
		For 1" Square x 14 Gauge Pickets, Add	*89.18*	
		For Color, Add	*44.59*	
32 31 19 00-0081	EA	7' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim	1,230.50	38.54
		For Solid Pickets, Add	*268.18*	
		For Aluminum With Satin Finish, Add	*317.04*	
		For Third Rail, Add	*83.60*	
		For 1" Square x 14 Gauge Pickets, Add	*111.47*	
		For Color, Add	*55.74*	
32 31 19 00-0082	EA	8' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim	1,452.22	44.87
		For Solid Pickets, Add	*316.64*	
		For Aluminum With Satin Finish, Add	*374.99*	
		For Third Rail, Add	*98.80*	
		For 1" Square x 14 Gauge Pickets, Add	*131.74*	
		For Color, Add	*65.87*	
32 31 19 00-0083	EA	9' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim	1,512.56	51.49
		For Solid Pickets, Add	*328.73*	
		For Aluminum With Satin Finish, Add	*384.18*	
		For Third Rail, Add	*101.84*	
		For 1" Square x 14 Gauge Pickets, Add	*135.79*	
		For Color, Add	*67.90*	
32 31 19 00-0084	EA	10' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim	1,613.42	58.12
		For Solid Pickets, Add	*349.94*	
		For Aluminum With Satin Finish, Add	*405.53*	
		For Third Rail, Add	*107.92*	
		For 1" Square x 14 Gauge Pickets, Add	*143.90*	
		For Color, Add	*71.95*	

32 31 19 00-0085 Replace Steel Tube Fence Pickets *(32 31 19 00-0032)*

32 31 19 00-0086	LF	Replace 3/4" Square x 16 Gauge Steel Tube Fence Picket	19.48	
		For 1" Square x 14 Gauge Pickets, Add	*0.42*	

32 31 19 00-0087 Remove And Reinstall Ornamental Fences *(32 31 19)*

Note: Removal and reinstallation of fences including storage and cleaning. Excludes augering and concrete.

32 31 19 00-0088	LF	Removal And Reinstallation Of Ornamental Fence Up To 5' Height	34.28	
32 31 19 00-0089	LF	Removal And Reinstallation Of Ornamental Fence 6' To 12' Height	57.13	

32 31 26 Wire Fences And Gates *(32 31)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 26 00-0001		Galvanized Steel *(32 31 26)*		
32 31 26 00-0002		12 Gauge, 2" x 4" Welded Mesh *(32 31 26 00-0001)*		
		Note: Posts 5' on center.		
32 31 26 00-0003	LF	3' High 12 Gauge Galvanized Steel Fence 2" x 4" Mesh, Posts At 5'	7.19	1.33
32 31 26 00-0004	LF	5' High 12 Gauge Galvanized Steel Fence 2" x 4" Mesh, Posts At 5'	7.67	1.33
32 31 26 00-0005		14 Gauge, 1" x 2" Welded Mesh *(32 31 26 00-0001)*		
		Note: Posts 5' on center.		
32 31 26 00-0006	LF	3' High 14 Gauge Galvanized Steel Fence 1" x 2" Mesh, Posts At 5'	7.09	1.33
32 31 26 00-0007	LF	5' High 14 Gauge Galvanized Steel Fence 1" x 2" Mesh, Posts At 5'	7.52	1.33
32 31 26 00-0008		Barbed Wire Fences *(32 31 26)*		
		See CSI section 32 31 13 00-0001 for drilling augering, 32 31 13 00-0002 for drilling in soil, 32 31 13 00-0015 for drilling in rock.		
32 31 26 00-0009		Fence Posts *(32 31 26 00-0008)*		
32 31 26 00-0010		Fence Post Soil, Set In Concrete *(32 31 26 00-0009)*		
32 31 26 00-0011	EA	Barbed Wire Fence Post, Galvanized Set In Concrete In Soil	67.51	6.09
		For Bracing On Corner Post, End Post And Pull Post, Add	*108.43*	
32 31 26 00-0012	EA	Barbed Wire Fence Post, Vinyl Coated Set In Concrete In Soil	89.42	6.09
		For Bracing On Corner Post, End Post And Pull Post, Add	*145.02*	
32 31 26 00-0013		Post In Rock *(32 31 26 00-0009)*		
32 31 26 00-0014	EA	Barbed Wire Fence Post, Galvanized Grouted In Rock	66.18	6.09
		For Bracing On Corner Post, End Post And Pull Post, Add	*106.43*	
32 31 26 00-0015	EA	Barbed Wire Fence Post, Vinyl Coated Grouted In Rock	88.09	6.09
		For Bracing On Corner Post, End Post And Pull Post, Add	*143.02*	
32 31 26 00-0016		Post Driven Into Dirt *(32 31 26 00-0009)*		
		Note: Posts for barb wire, chain link or welded wire mesh.		
32 31 26 00-0017	EA	3' Metal Posts, Driven Into Earth	18.87	
32 31 26 00-0018	EA	4' Metal Posts, Driven Into Earth	20.68	
32 31 26 00-0019	EA	5' Metal Posts, Driven Into Earth	23.09	
32 31 26 00-0020	EA	6' Metal Posts, Driven Into Earth	24.90	
32 31 26 00-0021		Barbed Wire *(32 31 26 00-0008)*		
		Note: Per strand.		
32 31 26 00-0022	LF	Barbed Wire, Galvanized Per Strand	0.66	0.30
32 31 26 00-0023	LF	Barbed Wire, Vinyl Coated Per Strand	0.69	0.30
32 31 26 00-0024		Barbed Wire Fence, Farm Style, With Wood Posts *(32 31 26 00-0008)*		
		Note: Based on post at 10' centers, two corner post and two pull post per 300 lf.		
32 31 26 00-0025	LF	Barbed Wire, Standard 3 Strand Fence With Posts	7.92	1.52
32 31 26 00-0026		Wire And Screen *(32 31 26)*		
32 31 26 00-0027		Wire And Screen For Partitions And Fences *(32 31 26 00-0026)*		
		Note: Excludes framing and post.		
32 31 26 00-0028		Screen Wire *(32 31 26 00-0027)*		
32 31 26 00-0029	SF	Screen Wire, 48" Wide Rolls	2.22	0.82
32 31 26 00-0030		Hog Wire *(32 31 26 00-0027)*		
32 31 26 00-0031	SF	4" x 4" Hog Wire For Fencing	1.62	0.66
32 31 26 00-0032	SF	6" x 6" Hog Wire For Fencing	1.69	0.74
32 31 26 00-0033		Screen For Partitions And Ceilings *(32 31 26 00-0026)*		
		Note: Can be used to support insulation on walls and ceilings.		
32 31 26 00-0034	SF	1" Mesh Chicken Wire	1.38	
32 31 29		**Wood Fences And Gates** *(32 31)*		
32 31 29 00-0001		Basket Weave *(32 31 29)*		
		Note: 3/8" x 4" boards, 4" x 4" post		
32 31 29 00-0002	LF	6' High #1 Cedar Basket Weave Fence 3/8" x 4" Boards, 4" x 4" Post	23.08	2.46
		For Screwing Of Boards Instead Of Nails, Add	*1.41*	
32 31 29 00-0003	LF	6' High, Pressure Treated Pine Basket Weave 3/8" x 4" Boards, 4" x 4" Post	16.67	2.46
		For Screwing Of Boards Instead Of Nails, Add	*1.11*	
32 31 29 00-0004		Board Fence *(32 31 29)*		
		Note: 1x4" board, 2x4" rail, 4x4" post.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0005	LF	Board Fence, 2 - 2" x 4" Rails, 3' High 1" x 4" Boards, Preservative Treated	14.73	2.46
		For 1" x 6" Boards, Deduct	*-1.84*	
		For 1" x 3" Boards (Stockade Top), Add	*2.37*	
		For Screwing Of Boards Instead Of Nails, Add	*1.02*	
32 31 29 00-0006	LF	Board Fence, 2 - 2" x 4" Rails, 4' High 1" x 4" Boards, Preservative Treated	16.16	2.46
		For 1" x 6" Boards, Deduct	*-1.99*	
		For 1" x 3" Boards (Stockade Top), Add	*2.56*	
		For Screwing Of Boards Instead Of Nails, Add	*1.11*	
32 31 29 00-0007	LF	Board Fence, 3 - 2" x 4" Rails, 5' High 1" x 4" Boards, Preservative Treated	17.50	2.46
		For 1" x 6" Boards, Deduct	*-2.09*	
		For 1" x 3" Boards (Stockade Top), Add	*2.67*	
		For Screwing Of Boards Instead Of Nails, Add	*1.19*	
32 31 29 00-0008	LF	Board Fence, 3 - 2" x 4" Rails, 6' High 1" x 4" Boards, Preservative Treated	18.49	2.46
		For 1" x 6" Boards, Deduct	*-2.19*	
		For 1" x 3" Boards (Stockade Top), Add	*2.79*	
		For Screwing Of Boards Instead Of Nails, Add	*1.25*	
32 31 29 00-0009	LF	Board Fence, 3 - 2" x 4" Rails, 8' High 1" x 4" Boards, Preservative Treated	19.53	2.46
		For 1" x 6" Boards, Deduct	*-2.28*	
		For 1" x 3" Boards (Stockade Top), Add	*2.91*	
		For Screwing Of Boards Instead Of Nails, Add	*1.32*	
32 31 29 00-0010	LF	Board Fence, 2 - 2" x 4" Rails, 3' High 1" x 4" #2 Grade Western Cedar	15.31	2.46
		For 1" x 6" Boards, Deduct	*-1.86*	
		For 1" x 3" Boards (Stockade Top), Add	*2.39*	
		For Screwing Of Boards Instead Of Nails, Add	*1.05*	
32 31 29 00-0011	LF	Board Fence, 2 - 2" x 4" Rails, 4' High 1" x 4" #2 Grade Western Cedar	16.60	2.46
		For 1" x 6" Boards, Deduct	*-2.00*	
		For 1" x 3" Boards (Stockade Top), Add	*2.57*	
		For Screwing Of Boards Instead Of Nails, Add	*1.13*	
32 31 29 00-0012	LF	Board Fence, 3 - 2" x 4" Rails, 5' High 1" x 4" #2 Grade Western Cedar	17.50	2.46
		For 1" x 6" Boards, Deduct	*-2.09*	
		For 1" x 3" Boards (Stockade Top), Add	*2.67*	
		For Screwing Of Boards Instead Of Nails, Add	*1.19*	
32 31 29 00-0013	LF	Board Fence, 3 - 2" x 4" Rails, 6' High 1" x 4" #2 Grade Western Cedar	18.49	2.46
		For 1" x 6" Boards, Deduct	*-2.19*	
		For 1" x 3" Boards (Stockade Top), Add	*2.79*	
		For Screwing Of Boards Instead Of Nails, Add	*1.25*	
32 31 29 00-0014	LF	Board Fence, 3 - 2" x 4" Rails, 8' High 1" x 4" #2 Grade Western Cedar	19.53	2.46
		For 1" x 6" Boards, Deduct	*-2.28*	
		For 1" x 3" Boards (Stockade Top), Add	*2.91*	
		For Screwing Of Boards Instead Of Nails, Add	*1.32*	
32 31 29 00-0015	LF	Board Fence, 2 - 2" x 4" Rails, 3' High 1" x 4" #1 Grade Cedar	15.31	2.46
		For 1" x 6" Boards, Deduct	*-1.86*	
		For 1" x 3" Boards (Stockade Top), Add	*2.39*	
		For Screwing Of Boards Instead Of Nails, Add	*1.05*	
32 31 29 00-0016	LF	Board Fence, 2 - 2" x 4" Rails, 4' High 1" x 4" #1 Grade Cedar	18.56	2.46
		For 1" x 6" Boards, Deduct	*-2.08*	
		For 1" x 3" Boards (Stockade Top), Add	*2.63*	
		For Screwing Of Boards Instead Of Nails, Add	*1.23*	
32 31 29 00-0017	LF	Board Fence, 3 - 2" x 4" Rails, 5' High 1" x 4" #1 Grade Cedar	19.38	2.46
		For 1" x 6" Boards, Deduct	*-2.17*	
		For 1" x 3" Boards (Stockade Top), Add	*2.73*	
		For Screwing Of Boards Instead Of Nails, Add	*1.29*	
32 31 29 00-0018	LF	Board Fence, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Grade Cedar	20.59	2.46
		For 1" x 6" Boards, Deduct	*-2.27*	
		For 1" x 3" Boards (Stockade Top), Add	*2.85*	
		For Screwing Of Boards Instead Of Nails, Add	*1.36*	
32 31 29 00-0019	LF	Board Fence, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Grade Cedar	21.88	2.46
		For 1" x 6" Boards, Deduct	*-2.38*	
		For 1" x 3" Boards (Stockade Top), Add	*2.98*	
		For Screwing Of Boards Instead Of Nails, Add	*1.44*	

32 31 29 00-0020 Shadow Box *(32 31 29)*

Note: 1x6" board, 2x4" Rail, 4x4" post.

32 31 29 00-0021	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 6" Pressure Treated Pine	15.53	2.46
		For Screwing Of Boards Instead Of Nails, Add	*1.03*	
32 31 29 00-0022	LF	Shadow Box, 3 - 2" x 4" Rails, 4' High 1" x 4" #1 Cedar	18.92	2.46
		For Screwing Of Boards Instead Of Nails, Add	*1.25*	
32 31 29 00-0023	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Cedar	20.09	2.46
		For Screwing Of Boards Instead Of Nails, Add	*1.32*	
32 31 29 00-0024	LF	Shadow Box, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Cedar	21.54	2.46
		For Screwing Of Boards Instead Of Nails, Add	*1.42*	

32 31 29 00-0025 Open Rail Fence *(32 31 29)*

32 31 29 00-0026 Post And Rail Fence, Ranch Style *(32 31 29 00-0025)*

32 31 29 00-0027	LF	Post And Rail Fence, 2 Rails, 3' High #1 Cedar	12.97	2.46
32 31 29 00-0028	LF	Post And Rail Fence, 2 Rails, 3' High #2 Cedar	11.70	2.46
32 31 29 00-0029	LF	Post And Rail Fence, 3 Rails, 4' High #1 Cedar	14.52	2.46
32 31 29 00-0030	LF	Post And Rail Fence, 3 Rails, 4' High #2 Cedar	12.54	2.46

32 31 29 00-0031 Split Rail Fence *(32 31 29 00-0025)*

32 31 29 00-0032	LF	Split Rail Fence, 2 Rails, 3' High #1 Cedar	12.64	2.46
32 31 29 00-0033	LF	Split Rail Fence, 2 Rails, 3' High #2 Cedar	11.68	2.46
32 31 29 00-0034	LF	Split Rail Fence, 3 Rail, 4' High #1 Cedar	13.90	2.46
32 31 29 00-0035	LF	Split Rail Fence, 3 Rail, 4' High #2 Cedar	12.73	2.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0036		**Picket Fence** *(32 31 29)*		
32 31 29 00-0037	LF	Picket Fence, 2 Rail, 3' High, Pressure Treated	13.80	2.46
		For Screwing Of Boards Instead Of Nails, Add	*0.98*	
32 31 29 00-0038	LF	Picket Fence, 2 Rail, 3' High #1 Cedar	13.51	2.46
		For Screwing Of Boards Instead Of Nails, Add	*0.97*	
32 31 29 00-0039		**Wood Gate** *(32 31 29)*		
32 31 29 00-0040		**Board Fence Gates, Pressure Treated Wood** *(32 31 29 00-0039)*		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (treated lumber).		
32 31 29 00-0041	EA	3' To 5' High x 3' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	243.35	96.80
32 31 29 00-0042	EA	3' To 5' High x 3'-6" Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	263.93	102.60
32 31 29 00-0043	EA	3' To 5' High x 4' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	292.23	112.28
32 31 29 00-0044	EA	3' To 5' High x 5' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	320.76	118.09
32 31 29 00-0045	EA	3' To 5' High x 6' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	349.30	123.90
32 31 29 00-0046	EA	>5' To 8' High x 3' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	315.25	127.76
32 31 29 00-0047	EA	>5' To 8' High x 3'-6" Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	336.81	133.58
32 31 29 00-0048	EA	>5' To 8' High x 4' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	358.39	139.39
32 31 29 00-0049	EA	>5' To 8' High x 5' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	389.90	145.19
32 31 29 00-0050	EA	>5' To 8' High x 6' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	416.44	151.00
32 31 29 00-0051		**Board Fence Gates, Grade 2 Cedar** *(32 31 29 00-0039)*		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0052	EA	3' To 5' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	288.13	76.89
32 31 29 00-0053	EA	3' To 5' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	300.35	81.51
32 31 29 00-0054	EA	3' To 5' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	319.71	89.20
32 31 29 00-0055	EA	3' To 5' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	336.90	93.81
32 31 29 00-0056	EA	3' To 5' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	357.07	98.43
32 31 29 00-0057	EA	>5' To 8' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	352.27	101.50
32 31 29 00-0058	EA	>5' To 8' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	366.48	106.11
32 31 29 00-0059	EA	>5' To 8' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	385.66	110.73
32 31 29 00-0060	EA	>5' To 8' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	404.83	115.34
32 31 29 00-0061	EA	>5' To 8' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	424.01	119.95
32 31 29 00-0062		**Board Fence Gates, Grade 1 Cedar** *(32 31 29 00-0039)*		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0063	EA	3' To 5' High x 3' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	303.06	76.89
32 31 29 00-0064	EA	3' To 5' High x 3'-6" Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	317.27	81.51
32 31 29 00-0065	EA	3' To 5' High x 4' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	337.62	89.20
32 31 29 00-0066	EA	3' To 5' High x 5' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	356.80	93.81
32 31 29 00-0067	EA	3' To 5' High x 6' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	375.98	98.43
32 31 29 00-0068	EA	>5' To 8' High x 3' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	372.17	101.50
32 31 29 00-0069	EA	>5' To 8' High x 3'-6" Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	386.38	106.11
32 31 29 00-0070	EA	>5' To 8' High x 4' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	405.56	110.73
32 31 29 00-0071	EA	>5' To 8' High x 5' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	424.73	115.34
32 31 29 00-0072	EA	>5' To 8' High x 6' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	448.89	119.95
32 31 29 00-0073		**Pressure Treated Wood Fence Posts** *(32 31 29)*		
		See CSI section 32 31 13 00-0001 for drilling augering, 32 31 13 00-0002 for drilling in soil, 32 31 13 00-0015 for drilling in rock, 32 31 13 00-0595 for barbed wire, 32 31 26 00-0021 for barbed wire.		
32 31 29 00-0074	EA	4' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill	23.71	9.68
32 31 29 00-0075	EA	6' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill	25.28	9.68
32 31 29 00-0076	EA	4' High, Pressure Treated Wood Fence Posts, Set In Concrete	43.54	18.59
32 31 29 00-0077	EA	6' High, Pressure Treated Wood Fence Posts, Set In Concrete	45.33	18.59
32 32		**Retaining Walls** *(32 30)*		
32 32 13		**Cast-In-Place Concrete Retaining Wall** *(32 32)*		
		Note: System elements include all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.		
32 32 13 00-0001	LF	4' High With Base, 10" Thick Reinforced	261.30	96.28
		For >1:3 Sloped Soil At Top, Add	*5.85*	
32 32 13 00-0002	LF	6' High With Base, 10" Thick Reinforced	325.86	118.47
		For >1:3 Sloped Soil At Top, Add	*7.55*	
32 32 13 00-0003	LF	8' High With Base, 10" Thick Reinforced	354.87	127.79
		For >1:3 Sloped Soil At Top, Add	*8.44*	
32 32 13 00-0004	LF	10' High With Base, 13" Thick Reinforced	451.76	158.00
		For >1:3 Sloped Soil At Top, Add	*11.55*	
32 32 13 00-0005	LF	12' High With Base, 14" Thick Reinforced	520.62	181.48
		For >1:3 Sloped Soil At Top, Add	*13.40*	
32 32 13 00-0006	LF	16' High With Base, 16" Thick Reinforced	753.38	266.24
		For >1:3 Sloped Soil At Top, Add	*18.78*	
32 32 13 00-0007	LF	20' High With Base, 18" Thick Reinforced	1,034.36	367.56
		For >1:3 Sloped Soil At Top, Add	*25.43*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 13 00-0008	LF	4' High With Base, 12" Thick Reinforced	287.11	105.14
		For >1:3 Sloped Soil At Top, Add	*6.53*	
32 32 13 00-0009	LF	6' High With Base, 12" Thick Reinforced	351.31	126.68
		For >1:3 Sloped Soil At Top, Add	*8.33*	
32 32 13 00-0010	LF	8' High With Base, 12" Thick Reinforced	371.88	132.18
		For >1:3 Sloped Soil At Top, Add	*9.14*	
32 32 13 00-0011	LF	10' High With Base, 16" Thick Reinforced	511.29	177.15
		For >1:3 Sloped Soil At Top, Add	*13.34*	
32 32 13 00-0012	LF	12' High With Base, 18" Thick Reinforced	648.47	227.55
		For >1:3 Sloped Soil At Top, Add	*16.44*	
32 32 13 00-0013	LF	16' High With Base, 21" Thick Reinforced	972.59	344.91
		For >1:3 Sloped Soil At Top, Add	*24.04*	
32 32 13 00-0014	LF	20' High With Base, 24" Thick Reinforced	1,372.65	486.86
		For >1:3 Sloped Soil At Top, Add	*33.91*	

32 32 16 Precast Concrete Retaining Walls *(32 32)*

32 32 16 00-0001 Precast Retaining Walls *(32 32 16)*

Note: Tied-back earth walls. Includes precast filter fabric, soil reinforcing mesh and cast-in-place coping. Excludes concrete leveling pad, or select earth excavation and backfill.

32 32 16 00-0002	SF	Precast Concrete Retaining Walls, 10-15' high Tied-back Earth Walls	36.13	9.46
32 32 16 00-0003	SF	Precast Concrete Retaining Walls, 16-20' High Tied-back Earth Walls	35.65	7.60
32 32 16 00-0004	SF	Precast Concrete Retaining Walls, 21-25' High Tied-back Earth Walls	35.94	6.34
32 32 16 00-0005	SF	Precast Concrete Retaining Walls, 26-30' High Tied-back Earth Walls	38.51	6.34
32 32 16 00-0006	SF	Precast Concrete Retaining Walls, >30' High Tied-back Earth Walls	39.86	5.40

32 32 23 Segmental Retaining Walls *(32 32)*

32 32 23 13 Segmental Concrete Unit Masonry Retaining Walls *(32 32 23)*

32 32 23 13-0001 Modular Retaining Wall Systems *(32 32 23 13)*

Note: Includes installation, material and manufacture's wall design. Includes stone wall, cap stones, #57 stone backing, Geo-Grid (2/3 height of wall), miradrain and fill with earth, and compaction. Includes cap at top, pins, and installation. Excludes initial site grading, subbase preparation or finish grading.

32 32 23 13-0002 "Amastone" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0003	SF	Up To 4' Height "Amastone" Type Modular Retaining Wall System	42.10	6.22
		For >1:3 Sloped Soil At Top, Add	*2.52*	
32 32 23 13-0004	SF	4 To 8' Height "Amastone" Type Modular Retaining Wall System	44.42	6.54
		For >1:3 Sloped Soil At Top, Add	*2.66*	
32 32 23 13-0005	SF	8 To 12' Height "Amastone" Type Modular Retaining Wall System	46.44	7.20
		For >1:3 Sloped Soil At Top, Add	*2.72*	
32 32 23 13-0006	SF	12 To 16' Height "Amastone" Type Modular Retaining Wall System	48.56	7.86
		For >1:3 Sloped Soil At Top, Add	*2.79*	

32 32 23 13-0007 "Diamond" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0008	SF	Up To 4' Height "Diamond" Type Modular Retaining Wall System	43.65	6.22
		For >1:3 Sloped Soil At Top, Add	*2.65*	
32 32 23 13-0009	SF	4 To 8' Height "Diamond" Type Modular Retaining Wall System	45.97	6.54
		For >1:3 Sloped Soil At Top, Add	*2.79*	
32 32 23 13-0010	SF	8 To 12' Height "Diamond" Type Modular Retaining Wall System	47.99	7.20
		For >1:3 Sloped Soil At Top, Add	*2.86*	
32 32 23 13-0011	SF	12 To 16' Height "Diamond" Type Modular Retaining Wall System	50.11	7.86
		For >1:3 Sloped Soil At Top, Add	*2.92*	

32 32 23 13-0012 "Keystone" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0013	SF	Up To 4' Height "Keystone" Type Modular Retaining Wall System	47.36	6.22
		For >1:3 Sloped Soil At Top, Add	*2.97*	
32 32 23 13-0014	SF	4 To 8' Height "Keystone" Type Modular Retaining Wall System	49.67	6.54
		For >1:3 Sloped Soil At Top, Add	*3.11*	
32 32 23 13-0015	SF	8 To 12' Height "Keystone" Type Modular Retaining Wall System	51.69	7.20
		For >1:3 Sloped Soil At Top, Add	*3.17*	
32 32 23 13-0016	SF	12 To 16' Height "Keystone" Type Modular Retaining Wall System	53.82	7.86
		For >1:3 Sloped Soil At Top, Add	*3.24*	

32 32 23 13-0017 "Criblock" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0018	SF	Up To 4' Height "Criblock" Type Modular Retaining Wall System	42.10	6.22
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
		For >1:3 Sloped Soil At Top, Add	*2.52*	
32 32 23 13-0019	SF	4 To 8' Height "Criblock" Type Modular Retaining Wall System	44.42	6.54
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
		For >1:3 Sloped Soil At Top, Add	*2.66*	
32 32 23 13-0020	SF	8 To 12' Height "Criblock" Type Modular Retaining Wall System	46.44	7.20
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
		For >1:3 Sloped Soil At Top, Add	*2.72*	
32 32 23 13-0021	SF	12 To 16' Height "Criblock" Type Modular Retaining Wall System	48.56	7.86
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
		For >1:3 Sloped Soil At Top, Add	*2.79*	

32 32 23 13-0022 "Versa-Lok" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0023	SF	Up To 4' Height "Versa-Lok" Type Modular Retaining Wall System	37.40	6.22
		For >1:3 Sloped Soil At Top, Add	*2.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 23 13-0024	SF	4 To 8' Height "Versa-Lok" Type Modular Retaining Wall System	41.26	6.54
		For >1:3 Sloped Soil At Top, Add	*2.39*	
32 32 23 13-0025	SF	8 To 12' Height "Versa-Lok" Type Modular Retaining Wall System	43.31	7.20
		For >1:3 Sloped Soil At Top, Add	*2.46*	
32 32 23 13-0026	SF	12 To 16' Height "Versa-Lok" Type Modular Retaining Wall System	45.15	7.86
		For >1:3 Sloped Soil At Top, Add	*2.50*	
32 32 23 13-0027		Cap Block Restoration *(32 32 23 13-0001)*		
		Note: Includes removal of existing cap block and installation of new cap block to match.		
32 32 23 13-0028	LF	Removal And Reinstall Cap Block And Pins	21.17	
		For >1:3 Sloped Soil At Top, Add	*1.00*	

32 32 26 Metal Crib Retaining Walls *(32 32)*

32 32 26 00-0001		Aluminized Steel Bin *(32 32 26)*		
		Note: Excludes excavation and backfill.		
32 32 26 00-0002	SF	4' High, 5.5' Deep Aluminized Steel Bin	26.16	3.77
		For Galvanized Type, Deduct	*-1.86*	
		For >1:3 Sloped Soil At Top, Add	*1.58*	
32 32 26 00-0003	SF	8' High, 5.5' Deep Aluminized Steel Bin	29.07	3.77
		For Galvanized Type, Deduct	*-2.15*	
		For >1:3 Sloped Soil At Top, Add	*1.82*	
32 32 26 00-0004	SF	10' High, 7.7' Deep Aluminized Steel Bin	31.06	4.12
		For Galvanized Type, Deduct	*-2.29*	
		For >1:3 Sloped Soil At Top, Add	*1.94*	
32 32 26 00-0005	SF	12' High, 7.7' Deep Aluminized Steel Bin	35.37	4.65
		For Galvanized Type, Deduct	*-2.61*	
		For >1:3 Sloped Soil At Top, Add	*2.22*	
32 32 26 00-0006	SF	16' High, 7.7' Deep Aluminized Steel Bin	34.22	4.83
		For Galvanized Type, Deduct	*-2.47*	
		For >1:3 Sloped Soil At Top, Add	*2.10*	
32 32 26 00-0007	SF	16' High, 9.9' Deep Aluminized Steel Bin	37.89	4.92
		For Galvanized Type, Deduct	*-2.82*	
		For >1:3 Sloped Soil At Top, Add	*2.39*	
32 32 26 00-0008	SF	20' High, 9.9' Deep Aluminized Steel Bin	41.93	5.18
		For Galvanized Type, Deduct	*-3.15*	
		For >1:3 Sloped Soil At Top, Add	*2.68*	
32 32 26 00-0009	SF	20' High, 12.1' Deep Aluminized Steel Bin	42.96	5.44
		For Galvanized Type, Deduct	*-3.22*	
		For >1:3 Sloped Soil At Top, Add	*2.73*	
32 32 26 00-0010	SF	24' High, 12.1' Deep Aluminized Steel Bin	45.07	5.44
		For Galvanized Type, Deduct	*-3.42*	
		For >1:3 Sloped Soil At Top, Add	*2.91*	
32 32 26 00-0011	SF	24' High, 14.3' Deep Aluminized Steel Bin	47.16	5.52
		For Galvanized Type, Deduct	*-3.62*	
		For >1:3 Sloped Soil At Top, Add	*3.08*	
32 32 26 00-0012	SF	28' High, 14.3' Deep Aluminized Steel Bin	48.69	5.61
		For Galvanized Type, Deduct	*-3.75*	
		For >1:3 Sloped Soil At Top, Add	*3.19*	

32 32 29 Timber Retaining Walls *(32 32)*

32 32 29 00-0001		Wood Post Retaining Walls *(32 32 29)*		
		Note: System elements include wood posts installed side-by-side to various heights, and underdrain. Excludes initial site grading, subbase preparation or finish grading.		
32 32 29 00-0002	LF	4" x 4", 1' High, Redwood	53.02	21.06
		For >1:3 Sloped Soil At Top, Add	*0.93*	
32 32 29 00-0003	LF	4" x 4", 2' High, Redwood	103.81	41.23
		For >1:3 Sloped Soil At Top, Add	*1.82*	
32 32 29 00-0004	LF	4" x 4", 1' High, Cedar	51.62	21.06
		For >1:3 Sloped Soil At Top, Add	*0.81*	
32 32 29 00-0005	LF	4" x 4", 2' High, Cedar	101.09	41.23
		For >1:3 Sloped Soil At Top, Add	*1.59*	
32 32 29 00-0006	LF	4" x 4", 1' High, Pressure Treated Lumber	47.35	18.40
		For >1:3 Sloped Soil At Top, Add	*0.89*	
32 32 29 00-0007	LF	4" x 4", 2' High, Pressure Treated Lumber	92.63	35.98
		For >1:3 Sloped Soil At Top, Add	*1.75*	
32 32 29 00-0008	LF	4" x 4", 1' High, Creosoted Lumber	41.94	16.33
		For >1:3 Sloped Soil At Top, Add	*0.79*	
32 32 29 00-0009	LF	4" x 4", 2' High, Creosoted Lumber	75.84	29.56
		For >1:3 Sloped Soil At Top, Add	*1.42*	
32 32 29 00-0010	LF	6 x 6, 2' High, Redwood	135.68	49.94
		For >1:3 Sloped Soil At Top, Add	*3.04*	
32 32 29 00-0011	LF	6 x 6, 4' High, Redwood	267.31	97.90
		For >1:3 Sloped Soil At Top, Add	*6.09*	
32 32 29 00-0012	LF	6 x 6, 2' High, Cedar	134.12	49.94
		For >1:3 Sloped Soil At Top, Add	*2.91*	
32 32 29 00-0013	LF	6 x 6, 4' High, Cedar	263.42	97.90
		For >1:3 Sloped Soil At Top, Add	*5.75*	
32 32 29 00-0014	LF	6 x 6, 2' High, Pressure Treated Lumber	114.63	40.56
		For >1:3 Sloped Soil At Top, Add	*2.84*	
32 32 29 00-0015	LF	6 x 6, 4' High, Pressure Treated Lumber	227.16	80.09
		For >1:3 Sloped Soil At Top, Add	*5.69*	
32 32 29 00-0016	LF	6 x 6, 2' High, Creosoted Lumber	91.78	32.43
		For >1:3 Sloped Soil At Top, Add	*2.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0017	LF	6 x 6, 4' High, Creosoted Lumber	180.24	63.47
		For >1:3 Sloped Soil At Top, Add	*4.53*	
32 32 29 00-0018	LF	8 x 8, 4' High, Redwood	323.14	108.25
		For >1:3 Sloped Soil At Top, Add	*9.06*	
32 32 29 00-0019	LF	8 x 8, 6' High, Redwood	604.10	202.08
		For >1:3 Sloped Soil At Top, Add	*17.00*	
32 32 29 00-0020	LF	8 x 8, 4' High, Cedar	315.36	108.25
		For >1:3 Sloped Soil At Top, Add	*8.40*	
32 32 29 00-0021	LF	8 x 8, 6' High, Cedar	589.32	202.08
		For >1:3 Sloped Soil At Top, Add	*15.74*	
32 32 29 00-0022	LF	8 x 8, 4' High, Pressure Treated Lumber	329.13	124.87
		For >1:3 Sloped Soil At Top, Add	*6.75*	
32 32 29 00-0023	LF	8 x 8, 6' High, Pressure Treated Lumber	614.25	233.18
		For >1:3 Sloped Soil At Top, Add	*12.57*	
32 32 29 00-0024	LF	8 x 8, 4' High, Creosoted Lumber	266.05	100.93
		For >1:3 Sloped Soil At Top, Add	*5.46*	
32 32 29 00-0025	LF	8 x 8, 6' High, Creosoted Lumber	493.46	187.23
		For >1:3 Sloped Soil At Top, Add	*10.12*	
32 32 29 00-0026	LF	Random Diameter Poles, Cedar 4' High	102.71	41.60
		For >1:3 Sloped Soil At Top, Add	*1.65*	
32 32 29 00-0027	LF	Random Diameter Poles, Cedar 6' High	153.68	62.43
		For >1:3 Sloped Soil At Top, Add	*2.45*	
32 32 29 00-0028	LF	Random Diameter Poles, Cedar 8' High	204.57	83.20
		For >1:3 Sloped Soil At Top, Add	*3.24*	
32 32 29 00-0029	LF	Random Diameter Poles, 4' High Creosoted Lumber	66.11	23.49
		For >1:3 Sloped Soil At Top, Add	*1.62*	
32 32 29 00-0030	LF	Random Diameter Poles, 6' High Creosoted Lumber	95.86	33.91
		For >1:3 Sloped Soil At Top, Add	*2.38*	
32 32 29 00-0031	LF	Random Diameter Poles, 8' High	129.70	45.81
		For >1:3 Sloped Soil At Top, Add	*3.24*	

32 32 29 00-0032 Post And Board Retaining Walls *(32 32 29)*

Note: System includes all the elements that must go into a wall that resists lateral pressure. System elements include posts and boards, cap, underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0033	LF	4 x 4 Post, 4' Spacing, 3' High Redwood, 2" Planking	39.10	12.49
		For >1:3 Sloped Soil At Top, Add	*1.20*	
32 32 29 00-0034	LF	4 x 4 Post, 2' Spacing, 4' High 2" Planking, Redwood	61.73	21.36
		For >1:3 Sloped Soil At Top, Add	*1.62*	
32 32 29 00-0035	LF	6 x 6 Post, 4' Spacing, 5' High 2" Planking, Redwood	79.92	26.53
		For >1:3 Sloped Soil At Top, Add	*2.28*	
32 32 29 00-0036	LF	6 x 6 Post, 3' Spacing, 6' High 2" Planking, Redwood	112.10	37.61
		For >1:3 Sloped Soil At Top, Add	*3.14*	
32 32 29 00-0037	LF	6 x 6 With Deadman, 3' Spacing, 8' High 2" Planking, Redwood	146.46	48.91
		For >1:3 Sloped Soil At Top, Add	*4.13*	
32 32 29 00-0038	LF	8 x 8 Post, 2' Spacing, 8' High 2" Planking, Redwood	297.85	96.79
		For >1:3 Sloped Soil At Top, Add	*8.86*	
32 32 29 00-0039	LF	8 x 8 With Deadman, 2' Spacing, 9' High, 2" Planking, Redwood	334.99	107.21
		For >1:3 Sloped Soil At Top, Add	*10.25*	
32 32 29 00-0040	LF	4 x 4 Post, 4' Spacing, 3' High, 2" Planking, Cedar	39.94	13.00
		For >1:3 Sloped Soil At Top, Add	*1.18*	
32 32 29 00-0041	LF	4 x 4 With Deadman, 2' Spacing, 4' High 2" Planking, Cedar	70.33	23.13
		For >1:3 Sloped Soil At Top, Add	*2.05*	
32 32 29 00-0042	LF	6 x 6 Post, 4' Spacing, 4' High 2" Planking, Cedar	69.10	22.69
		For >1:3 Sloped Soil At Top, Add	*2.02*	
32 32 29 00-0043	LF	6 x 6 Post, 3' Spacing, 5' High 2" Planking, Cedar	97.44	32.58
		For >1:3 Sloped Soil At Top, Add	*2.74*	
32 32 29 00-0044	LF	6 x 6 Post, 2' Spacing, 6' High 2" Planking, Cedar	152.71	52.02
		For >1:3 Sloped Soil At Top, Add	*4.13*	
32 32 29 00-0045	LF	6 x 6 Post With Deadman, 3' Spacing, 6' High, 2" Planking, Cedar	120.00	39.98
		For >1:3 Sloped Soil At Top, Add	*3.41*	
32 32 29 00-0046	LF	8 x 8 Post With Deadman, 2' Spacing, 8' High, 2" Planking, Cedar	307.94	99.90
		For >1:3 Sloped Soil At Top, Add	*9.19*	
32 32 29 00-0047	LF	4 x 4 Post, 4' Spacing, 3' High 2" Planking, Pressure Treated	56.06	24.02
		For >1:3 Sloped Soil At Top, Add	*0.68*	
32 32 29 00-0048	LF	4 x 4 Post, 3' Spacing, 4' High 2" Planking, Pressure Treated	80.61	34.14
		For >1:3 Sloped Soil At Top, Add	*1.05*	
32 32 29 00-0049	LF	4 x 4 Post With Deadman, 2' Space, 5' High, 2" Planking, Pressure Treat	115.04	46.85
		For >1:3 Sloped Soil At Top, Add	*1.82*	
32 32 29 00-0050	LF	6 x 6 Post, 3' Spacing, 6' High, 2" Planking, Pressure Treated	199.78	79.06
		For >1:3 Sloped Soil At Top, Add	*3.54*	
32 32 29 00-0051	LF	6 x 6 Post, 2' Spacing, 7' High, 2" Planking, Pressure Treated	201.73	79.06
		For >1:3 Sloped Soil At Top, Add	*3.70*	
32 32 29 00-0052	LF	6 x 6 Post With Deadman, 3' Spacing 8' High, 2" Planking, Pressure Treat	190.86	75.96
		For >1:3 Sloped Soil At Top, Add	*3.31*	
32 32 29 00-0053	LF	8 x 8 Post With Deadman, 2' Spacing 10' High, 2" Planking, Pressure Treated	445.93	174.75
		For >1:3 Sloped Soil At Top, Add	*8.20*	
32 32 29 00-0054	LF	4 x 4 Post, 4' Spacing, 3' High Creosoted 2" Planking	56.06	24.02
		For >1:3 Sloped Soil At Top, Add	*0.68*	
32 32 29 00-0055	LF	4 x 4 Post, 3' Spacing, 4' High Creosoted, 2" Planking	80.61	34.14
		For >1:3 Sloped Soil At Top, Add	*1.05*	
32 32 29 00-0056	LF	4 x 4 Post With Deadman, 2' Spacing, 5' High, Creosoted, 2" Planking	115.04	46.85
		For >1:3 Sloped Soil At Top, Add	*1.82*	
32 32 29 00-0057	LF	6 x 6 Post, 3' Spacing, 6' High Creosoted, 2" Planking	144.17	58.30
		For >1:3 Sloped Soil At Top, Add	*2.35*	
32 32 29 00-0058	LF	6 x 6 Post, 2' Spacing, 7' High Creosoted, 2" Planking	199.78	79.06
		For >1:3 Sloped Soil At Top, Add	*3.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0059	LF	6 x 6 Post With Deadman, 3' Spacing, 8' High, Creosoted, 2" Planking	190.86	75.96
		For >1:3 Sloped Soil At Top, Add	*3.31*	
32 32 29 00-0060	LF	8 x 8 Post With Deadman, 2' Spacing, 10' High, Creosoted, 2" Planking	445.93	174.75
		For >1:3 Sloped Soil At Top, Add	*8.20*	

32 32 29 00-0061 Wood Tie Retaining Walls, Rod Connector At 4' *(32 32 29)*

Note: The system includes all the elements that must go into a wall that resists lateral pressure. System elements include: wood ties, threaded rod (1/2" diameter), underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0062 Redwood *(32 32 29 00-0061)*

32 32 29 00-0063	LF	2' High, 6" x 6" Wood Tie Wall	69.88	25.56
		For >1:3 Sloped Soil At Top, Add	*1.59*	
32 32 29 00-0064	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	159.34	58.30
		For >1:3 Sloped Soil At Top, Add	*3.64*	
32 32 29 00-0065	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	238.67	87.41
		For >1:3 Sloped Soil At Top, Add	*5.42*	
32 32 29 00-0066	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	223.75	74.92
		For >1:3 Sloped Soil At Top, Add	*6.28*	
32 32 29 00-0067	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	336.11	112.38
		For >1:3 Sloped Soil At Top, Add	*9.46*	
32 32 29 00-0068	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	443.37	147.77
		For >1:3 Sloped Soil At Top, Add	*12.57*	

32 32 29 00-0069 Cedar *(32 32 29 00-0061)*

32 32 29 00-0070	LF	2' High, 6" x 6" Wood Tie Wall	69.10	25.56
		For >1:3 Sloped Soil At Top, Add	*1.52*	
32 32 29 00-0071	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	157.01	58.30
		For >1:3 Sloped Soil At Top, Add	*3.44*	
32 32 29 00-0072	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	235.56	87.41
		For >1:3 Sloped Soil At Top, Add	*5.16*	
32 32 29 00-0073	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	218.30	74.92
		For >1:3 Sloped Soil At Top, Add	*5.82*	
32 32 29 00-0074	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	328.33	112.38
		For >1:3 Sloped Soil At Top, Add	*8.80*	
32 32 29 00-0075	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	432.47	147.77
		For >1:3 Sloped Soil At Top, Add	*11.64*	

32 32 29 00-0076 Pressure Treated Wood *(32 32 29 00-0061)*

32 32 29 00-0077	LF	2' High, 6" x 6" Wood Tie Wall	59.81	21.13
		For >1:3 Sloped Soil At Top, Add	*1.49*	
32 32 29 00-0078	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	135.82	47.88
		For >1:3 Sloped Soil At Top, Add	*3.41*	
32 32 29 00-0079	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	203.52	71.82
		For >1:3 Sloped Soil At Top, Add	*5.09*	
32 32 29 00-0080	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	227.54	86.37
		For >1:3 Sloped Soil At Top, Add	*4.66*	
32 32 29 00-0081	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	341.37	129.08
		For >1:3 Sloped Soil At Top, Add	*7.08*	
32 32 29 00-0082	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	452.95	171.64
		For >1:3 Sloped Soil At Top, Add	*9.33*	

32 32 53 Stone Retaining Walls *(32 32)*

32 32 53 00-0001 Stone Retaining Walls *(32 32 53)*

Note: Construction is either dry set or mortar set. System elements include concrete base, crushed stone, underdrain, and backfill. Standard design to have 12" thick top with vertical backside and sloped face at 2" per foot of height. Excludes initial site grading, subbase preparation or finish grading.

32 32 53 00-0002 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $16.00/ton.

32 32 53 00-0003	LF	$16.00/ton 3' High Stone Retaining Wall, Dry Set	319.12	147.33
		For >1:3 Sloped Soil At Top, Add	*2.08*	
32 32 53 00-0004	LF	$16.00/ton 4' High Stone Retaining Wall, Dry Set	377.28	175.27
		For >1:3 Sloped Soil At Top, Add	*2.27*	
32 32 53 00-0005	LF	$16.00/ton 6' High Stone Retaining Wall, Dry Set	496.96	232.87
		For >1:3 Sloped Soil At Top, Add	*2.66*	
32 32 53 00-0006	LF	$16.00/ton 8' High Stone Retaining Wall, Dry Set	768.56	364.10
		For >1:3 Sloped Soil At Top, Add	*3.43*	
32 32 53 00-0007	LF	$16.00/ton 10' High Stone Retaining Wall, Dry Set	1,000.31	476.28
		For >1:3 Sloped Soil At Top, Add	*4.06*	
32 32 53 00-0008	LF	$16.00/ton 12' High Stone Retaining Wall, Dry Set	1,242.48	593.10
		For >1:3 Sloped Soil At Top, Add	*4.78*	
32 32 53 00-0009	LF	$16.00/ton 3' High Stone Retaining Wall, Mortar Set	285.30	130.44
		For >1:3 Sloped Soil At Top, Add	*2.08*	
32 32 53 00-0010	LF	$16.00/ton 4' High Stone Retaining Wall, Mortar Set	335.39	154.33
		For >1:3 Sloped Soil At Top, Add	*2.27*	
32 32 53 00-0011	LF	$16.00/ton 6' High Stone Retaining Wall, Mortar Set	435.13	201.91
		For >1:3 Sloped Soil At Top, Add	*2.66*	
32 32 53 00-0012	LF	$16.00/ton 8' High Stone Retaining Wall, Mortar Set	669.03	314.36
		For >1:3 Sloped Soil At Top, Add	*3.43*	
32 32 53 00-0013	LF	$16.00/ton 10' High Stone Retaining Wall, Mortar Set	860.70	406.51
		For >1:3 Sloped Soil At Top, Add	*4.06*	
32 32 53 00-0014	LF	$16.00/ton 12' High Stone Retaining Wall, Mortar Set	1,070.28	507.04
		For >1:3 Sloped Soil At Top, Add	*4.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 53 00-0015		**Stone Retaining Walls** *(32 32 53 00-0001)* Note: Stone at $32.00/ton.		
32 32 53 00-0016	LF	$32.00/ton 3' High Stone Retaining Wall, Dry Set	326.50	147.33
		For >1:3 Sloped Soil At Top, Add	*2.70*	
32 32 53 00-0017	LF	$32.00/ton 4' High Stone Retaining Wall, Dry Set	387.51	175.27
		For >1:3 Sloped Soil At Top, Add	*3.14*	
32 32 53 00-0018	LF	$32.00/ton 6' High Stone Retaining Wall, Dry Set	511.72	232.87
		For >1:3 Sloped Soil At Top, Add	*3.91*	
32 32 53 00-0019	LF	$32.00/ton 8' High Stone Retaining Wall, Dry Set	790.15	364.10
		For >1:3 Sloped Soil At Top, Add	*5.26*	
32 32 53 00-0020	LF	$32.00/ton 10' High Stone Retaining Wall, Dry Set	1,029.84	476.28
		For >1:3 Sloped Soil At Top, Add	*6.57*	
32 32 53 00-0021	LF	$32.00/ton 12' High Stone Retaining Wall, Dry Set	1,279.96	593.10
		For >1:3 Sloped Soil At Top, Add	*7.97*	
32 32 53 00-0022	LF	$32.00/ton 3' High Stone Retaining Wall, Mortar Set	292.68	130.44
		For >1:3 Sloped Soil At Top, Add	*2.70*	
32 32 53 00-0023	LF	$32.00/ton 4' High Stone Retaining Wall, Mortar Set	345.62	154.33
		For >1:3 Sloped Soil At Top, Add	*3.14*	
32 32 53 00-0024	LF	$32.00/ton 6' High Stone Retaining Wall, Mortar Set	449.89	201.91
		For >1:3 Sloped Soil At Top, Add	*3.91*	
32 32 53 00-0025	LF	$32.00/ton 8' High Stone Retaining Wall, Mortar Set	690.62	314.36
		For >1:3 Sloped Soil At Top, Add	*5.26*	
32 32 53 00-0026	LF	$32.00/ton 10' High Stone Retaining Wall, Mortar Set	890.23	406.51
		For >1:3 Sloped Soil At Top, Add	*6.57*	
32 32 53 00-0027	LF	$32.00/ton 12' High Stone Retaining Wall, Mortar Set	1,107.76	507.04
		For >1:3 Sloped Soil At Top, Add	*7.97*	
32 32 53 00-0028		**Stone Retaining Walls** *(32 32 53 00-0001)* Note: Stone at $48.00/ton.		
32 32 53 00-0029	LF	$48.00/ton 3' High Stone Retaining Wall, Dry Set	334.46	147.33
		For >1:3 Sloped Soil At Top, Add	*3.38*	
32 32 53 00-0030	LF	$48.00/ton 4' High Stone Retaining Wall, Dry Set	397.62	175.27
		For >1:3 Sloped Soil At Top, Add	*4.00*	
32 32 53 00-0031	LF	$48.00/ton 6' High Stone Retaining Wall, Dry Set	525.92	232.87
		For >1:3 Sloped Soil At Top, Add	*5.12*	
32 32 53 00-0032	LF	$48.00/ton 8' High Stone Retaining Wall, Dry Set	811.73	364.10
		For >1:3 Sloped Soil At Top, Add	*7.10*	
32 32 53 00-0033	LF	$48.00/ton 10' High Stone Retaining Wall, Dry Set	1,059.37	476.28
		For >1:3 Sloped Soil At Top, Add	*9.08*	
32 32 53 00-0034	LF	$48.00/ton 12' High Stone Retaining Wall, Dry Set	1,318.01	593.10
		For >1:3 Sloped Soil At Top, Add	*11.20*	
32 32 53 00-0035	LF	$48.00/ton 3' High Stone Retaining Wall, Mortar Set	300.64	130.44
		For >1:3 Sloped Soil At Top, Add	*3.38*	
32 32 53 00-0036	LF	$48.00/ton 4' High Stone Retaining Wall, Mortar Set	355.84	154.33
		For >1:3 Sloped Soil At Top, Add	*4.01*	
32 32 53 00-0037	LF	$48.00/ton 6' High Stone Retaining Wall, Mortar Set	464.09	201.91
		For >1:3 Sloped Soil At Top, Add	*5.12*	
32 32 53 00-0038	LF	$48.00/ton 8' High Stone Retaining Wall, Mortar Set	712.20	314.36
		For >1:3 Sloped Soil At Top, Add	*7.10*	
32 32 53 00-0039	LF	$48.00/ton 10' High Stone Retaining Wall, Mortar Set	919.76	406.51
		For >1:3 Sloped Soil At Top, Add	*9.08*	
32 32 53 00-0040	LF	$48.00/ton 12' High Stone Retaining Wall, Mortar Set	1,145.81	507.04
		For >1:3 Sloped Soil At Top, Add	*11.20*	
32 32 53 00-0041		**Stone Retaining Walls** *(32 32 53 00-0001)* Note: Stone at $64.00/ton.		
32 32 53 00-0042	LF	$64.00/ton 3' High Stone Retaining Wall, Dry Set	342.41	147.33
		For >1:3 Sloped Soil At Top, Add	*4.06*	
32 32 53 00-0043	LF	$64.00/ton 4' High Stone Retaining Wall, Dry Set	396.59	175.27
		For >1:3 Sloped Soil At Top, Add	*3.91*	
32 32 53 00-0044	LF	$64.00/ton 6' High Stone Retaining Wall, Dry Set	541.26	232.87
		For >1:3 Sloped Soil At Top, Add	*6.42*	
32 32 53 00-0045	LF	$64.00/ton 8' High Stone Retaining Wall, Dry Set	834.45	364.10
		For >1:3 Sloped Soil At Top, Add	*9.03*	
32 32 53 00-0046	LF	$64.00/ton 10' High Stone Retaining Wall, Dry Set	1,090.04	476.28
		For >1:3 Sloped Soil At Top, Add	*11.68*	
32 32 53 00-0047	LF	$64.00/ton 12' High Stone Retaining Wall, Dry Set	1,356.63	593.10
		For >1:3 Sloped Soil At Top, Add	*14.48*	
32 32 53 00-0048	LF	$64.00/ton 3' High Stone Retaining Wall, Mortar Set	308.59	130.44
		For >1:3 Sloped Soil At Top, Add	*4.06*	
32 32 53 00-0049	LF	$64.00/ton 4' High Stone Retaining Wall, Mortar Set	366.06	154.33
		For >1:3 Sloped Soil At Top, Add	*4.88*	
32 32 53 00-0050	LF	$64.00/ton 6' High Stone Retaining Wall, Mortar Set	479.43	201.91
		For >1:3 Sloped Soil At Top, Add	*6.42*	
32 32 53 00-0051	LF	$64.00/ton 8' High Stone Retaining Wall, Mortar Set	734.92	314.36
		For >1:3 Sloped Soil At Top, Add	*9.03*	
32 32 53 00-0052	LF	$64.00/ton 10' High Stone Retaining Wall, Mortar Set	950.43	406.51
		For >1:3 Sloped Soil At Top, Add	*11.68*	
32 32 53 00-0053	LF	$64.00/ton 12' High Stone Retaining Wall, Mortar Set	1,184.43	507.04
		For >1:3 Sloped Soil At Top, Add	*14.48*	

32 39 Manufactured Site Specialties *(32 30)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 39 13 Manufactured Metal Bollards *(32 39)*

32 39 13 00-0001 Metal Pipe Bollards *(32 39 13)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 00-0001 for augering and filling holes for bollards, 32 31 13 00-0018 for concrete fill for post and post holes.

32 39 13 00-0002 Steel Pipe Bollard, Schedule 40 Pipe, Painted Or Powered Coated *(32 39 13 00-0001)*

32 39 13 00-0003	LF	4" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	38.55	9.03
		For Galvanized Steel, Add	*3.49*	
		For 304 Stainless Steel, Add	*27.68*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*96.20*	
		For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	*72.60*	
		For Schedule 80, Add	*4.88*	
32 39 13 00-0004	LF	6" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	50.38	9.03
		For Galvanized Steel, Add	*5.50*	
		For 304 Stainless Steel, Add	*43.65*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*96.20*	
		For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	*72.60*	
		For Schedule 80, Add	*6.65*	
32 39 13 00-0005	LF	8" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	70.51	11.29
		For Galvanized Steel, Add	*8.15*	
		For 304 Stainless Steel, Add	*64.73*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*128.24*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*111.51*	
		For Schedule 80, Add	*9.45*	
32 39 13 00-0006	LF	10" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	92.69	13.54
		For Galvanized Steel, Add	*11.15*	
		For 304 Stainless Steel, Add	*88.57*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*146.32*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*120.19*	
		For Schedule 80, Add	*12.55*	
32 39 13 00-0007	LF	12" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	117.52	18.05
		For Galvanized Steel, Add	*13.84*	
		For 304 Stainless Steel, Add	*109.92*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*197.33*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*166.24*	
		For Schedule 80, Add	*15.82*	

32 39 13 00-0008 Cast Bollards *(32 39 13 00-0001)*

32 39 13 00-0009	EA	36" Cast Aluminum Bollard, Black Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, all colors.	939.65	54.15
32 39 13 00-0010	EA	36" Cast Aluminum Removable Bollard, Black Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, lockable, all colors.	1,564.83	54.15
32 39 13 00-0011	EA	36" Cast Iron Bollard, Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, all colors.	801.43	54.15
32 39 13 00-0012	EA	36" Cast Iron Removable Bollard, Black Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, lockable, all colors.	1,430.31	54.15

32 39 16 Manufactured Concrete Bollards *(32 39)*

32 39 16 00-0001 Concrete Bollards *(32 39 16)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 00-0001 for augering and filling holes for bollards, 32 31 13 00-0018 for concrete fill.

32 39 16 00-0002 Concrete Bollard, Exposed Aggregate *(32 39 16 00-0001)*

32 39 16 00-0003	EA	12" x 12" x 30" High Concrete Bollard, Light Sandblast Note: Surface mounted with anchor bolts embedded into grout pockets.	432.46	72.21
32 39 16 00-0004	EA	12" Diameter x 30" High Concrete Bollard, Light Sandblast Note: Surface mounted with anchor bolts embedded into grout pockets.	432.46	72.21

32 39 19 Manufactured Wood Bollards *(32 39)*

32 39 19 00-0001 Wood Bollards *(32 39 19)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 00-0001 for augering and filling holes for bollards, 32 31 13 00-0018 for concrete fill.

32 39 19 00-0002 Wood Bollard, Pressure Treated Timber *(32 39 19 00-0001)*

32 39 19 00-0003	LF	4" x 4", Pressure Treated Wood Bollard	17.17	7.22
		For Each Sleeve For Removable, Lockable Bollard, Add	*74.76*	
32 39 19 00-0004	LF	6" x 6", Pressure Treated Wood Bollard	20.04	7.22
		For Each Sleeve For Removable, Lockable Bollard, Add	*74.76*	
32 39 19 00-0005	LF	8" x 8", Pressure Treated Wood Bollard	26.22	8.13
		For Each Sleeve For Removable, Lockable Bollard, Add	*116.42*	
32 39 19 00-0006	LF	10" x 10", Pressure Treated Wood Bollard	37.20	10.83
		For Each Sleeve For Removable, Lockable Bollard, Add	*126.82*	
32 39 19 00-0007	LF	12" x 12", Pressure Treated Wood Bollard	51.25	14.44
		For Each Sleeve For Removable, Lockable Bollard, Add	*178.85*	

32 39 23 Manufactured Plastic Bollards *(32 39)*

32 39 23 00-0001 Plastic Bollards *(32 39 23)*

See CSI section 32 31 13 00-0001 for augering and filling holes for bollards., 32 31 13 00-0018 for concrete fill.

32 39 23 00-0002 Recycled Plastic Bollards *(32 39 23 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 23 00-0003	EA	6" x 6" x 33" Surface Mounted Recycled Plastic Bollard Note: Includes anchor bolts.	190.69	36.10
32 39 23 00-0004	EA	6" Diameter x 6' Steel Reinforced Recycled Plastic Bollard	296.17	36.10
32 39 23 00-0005		**Plastic Bollard Covers** *(32 39 23 00-0001)*		
32 39 23 00-0006	EA	4" Diameter x 60" Plastic Bollard Cover	83.71	18.06
32 39 23 00-0007	EA	6" Diameter x 60" Plastic Bollard Cover	103.05	22.58
32 39 23 00-0008	EA	8" Diameter x 60" Plastic Bollard Cover	123.63	22.58

32 39 26 Manufactured Stone Bollards *(32 39)*

32 39 26 00-0001 Stone Bollards *(32 39 26)*

See CSI section 32 31 13 00-0001 for augering and filling holes for bollards, 32 31 13 00-0018 for concrete fill.

32 39 26 00-0002 Granite Bollards *(32 39 26 00-0001)*

32 39 26 00-0003	EA	16" x 16" x 30" Granite Bollard, Smooth Matt Finish Note: Surface mounted with anchors embedded into grout pockets.	940.44	90.26
32 39 26 00-0004	EA	16" x 16" x 54" Granite Bollard, Smooth Matt Finish Note: Surface mounted with anchors embedded into grout pockets.	1,192.26	126.36
32 39 26 00-0005	EA	12" x 12" x 24" Granite Bollard, Rough Finish, Pyramid Top Note: Surface mounted with anchors embedded into grout pockets.	586.73	90.26
32 39 26 00-0006	EA	12" Diameter x 18" Granite Bollard, Smooth Matt Finish Note: Flat Top, surface mounted with anchors embedded into grout pockets.	862.88	72.21
32 39 26 00-0007	EA	24" x 24" x 20" Granite Bollard, Octagonal Cross Section Note: Smooth matt finish, flat top, surface mounted with anchors embedded into grout pockets.	1,284.30	72.21

32 80 Irrigation *(32)*

32 84 Planting Irrigation *(32 80)*

32 84 13 Drip Irrigation *(32 84)*

32 84 13 00-0001 Drip Emitter Irrigation Devices *(32 84 13)*

32 84 13 00-0002 Drip Emitter Irrigation Valves *(32 84 13 00-0001)*

32 84 13 00-0003	EA	3/4", Shut-Off Ball Valve For Drip Emitter Irrigation Systems	33.66	7.92
32 84 13 00-0004	EA	3/4", Check Valve For Drip Emitter Irrigation Systems	42.98	7.92
32 84 13 00-0005	EA	1", Check Valve For Drip Emitter Irrigation Systems	46.20	7.92
32 84 13 00-0006	EA	Air/Vacuum Relief Valve For Drip Emitter Irrigation Systems	54.44	7.92
32 84 13 00-0007	EA	3/4", Low Flow Remote Control Valve For Drip Emitter Irrigation Systems	60.77	7.92
32 84 13 00-0008	EA	1", Low Flow Remote Control Valve For Drip Emitter Irrigation Systems	60.53	7.92
32 84 13 00-0009	EA	3/4", Anti-Siphon, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems	58.77	7.92
32 84 13 00-0010	EA	3/4", Latching Solenoid, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems	87.64	7.92

32 84 13 00-0011 Drip Emitter Irrigation Filters *(32 84 13 00-0001)*

32 84 13 00-0012	EA	3/4" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems	121.43	7.92
32 84 13 00-0013	EA	1" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems	122.59	7.92
32 84 13 00-0014	EA	3/4" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems	44.37	7.92
32 84 13 00-0015	EA	1" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems	45.30	7.92
32 84 13 00-0016	EA	1" Inlet/Outlet, Pressure Regulating, Inline Basket Filter For Drip Emitter Irrigation Systems	132.29	7.92
32 84 13 00-0017	EA	3/4" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems	58.40	7.92
32 84 13 00-0018	EA	1" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems	65.69	7.92
32 84 13 00-0019	EA	3/4" Inlet/Outlet, Pressure Regulating, Inline Back Flush Filter For Drip Emitter Irrigation Systems	70.70	7.92
32 84 13 00-0020	EA	1" Inlet/Outlet, Pressure Regulating, Inline Back Flush Filter For Drip Emitter Irrigation Systems	78.67	7.92

32 84 13 00-0021 Drip Emitter Irrigation Pressure Regulators *(32 84 13 00-0001)*

32 84 13 00-0022	EA	3/4", 6 To 300 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems	43.43	7.92
32 84 13 00-0023	EA	3/4", 120 To 600 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems	43.43	7.92
32 84 13 00-0024	EA	3/4", 120 To 600 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems	43.43	7.92
32 84 13 00-0025	EA	1", 120 To 900 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems	51.10	7.92

32 84 13 00-0026 Drip Emitter Irrigation Tubing *(32 84 13 00-0001)*

Note: Includes surface installation and covering of tubing with existing pine straw, pine bark etc.

32 84 13 00-0027	LF	1/4", Landscape Dripline With Extruded Non-Pressure Compensating Drip Emitters	2.58	1.11
32 84 13 00-0028	LF	1/2", Landscape Dripline With Extruded Pressure Compensating Drip Emitters	2.91	1.27
32 84 13 00-0029	LF	1/4", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems	2.47	1.11
		For Shallow Trenching And Backfill By Hand, Add	*4.56*	
32 84 13 00-0030	LF	1/2", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems	2.87	1.27
		For Shallow Trenching And Backfill By Hand, Add	*4.92*	

32 84 13 00-0031 Drip Emitter Irrigation Fittings *(32 84 13 00-0001)*

32 84 13 00-0032	EA	1/4", Barbed Coupling For Irrigation Tubing	2.14	
32 84 13 00-0033	EA	1/4", Barbed Elbow For Irrigation Tubing	2.17	
32 84 13 00-0034	EA	1/4", Barbed Tee For Irrigation Tubing	2.22	
32 84 13 00-0035	EA	1/4", Self Piercing Barbed Coupling For Irrigation Tubing	2.49	
32 84 13 00-0036	EA	1/4", Plug For Irrigation Tubing	2.11	
32 84 13 00-0037	EA	1/2", Barbed Coupling For Irrigation Tubing	2.56	
		For Compression Fitting, Add	*0.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 13 00-0038	EA	1/2", Barbed Elbow For Irrigation Tubing	2.59	
		For Compression Fitting, Add	*0.61*	
32 84 13 00-0039	EA	1/2", Barbed Tee For Irrigation Tubing	2.61	
		For Compression Fitting, Add	*0.63*	
32 84 13 00-0040	EA	1/2", Barbed Male Adapter For Irrigation Tubing	2.53	
		For Compression Fitting, Add	*0.55*	
32 84 13 00-0041	EA	1/2", Barbed Cross For Irrigation Tubing	2.64	
		For Compression Fitting, Add	*0.66*	
32 84 13 00-0042	EA	1/2", Plug For Irrigation Tubing	2.86	
32 84 13 00-0043	EA	6" Soil Staple For Irrigation Tubing	1.66	
32 84 13 00-0044		Drip Emitters *(32 84 13 00-0001)*		
32 84 13 00-0045	EA	0.5 To 2 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems	4.44	
32 84 13 00-0046	EA	5 To 24 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems	5.58	
32 84 13 00-0047	EA	0.5 To 2 GPH, Six Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems	11.79	
32 84 13 00-0048		Drip Emitter Irrigation Micro-Bubblers, Sprays And Misters *(32 84 13 00-0001)*		
32 84 13 00-0049	EA	Adjustable Stream Bubbler With Spike For Drip Emitter Irrigation Systems	17.31	7.14
32 84 13 00-0050	EA	Adjustable Micro Spray With Spike For Drip Emitter Irrigation Systems	17.35	7.14
32 84 13 00-0051	EA	12" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems	20.69	7.14
32 84 13 00-0052	EA	24" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems	20.91	7.14
32 84 13 00-0053	EA	4" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems Note: Includes nozzle.	30.20	9.35
32 84 13 00-0054	EA	6" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems Note: Includes nozzle.	33.20	9.35
32 84 13 00-0055	EA	12" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems Note: Includes nozzle.	35.64	9.35
32 84 23		**Underground Sprinklers** *(32 84)*		
32 84 23 00-0001		Sprinkler Heads *(32 84 23)*		
32 84 23 00-0002		Spray Sprinkler Heads *(32 84 23 00-0001)* Note: Includes plastic riser and case. Includes spray, variable arc or bubbler nozzle with partial or full circle coverage.		
32 84 23 00-0003	EA	2" Pop-Up Height, Spray Sprinkler Head	25.31	8.75
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0004	EA	3" Pop-Up Height, Spray Sprinkler Head	25.31	8.75
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0005	EA	4" Pop-Up Height, Spray Sprinkler Head	25.31	8.75
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0006	EA	6" Pop-Up Height, Spray Sprinkler Head	31.87	8.75
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0007	EA	12" Pop-Up Height, Spray Sprinkler Head	39.02	8.75
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0008	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve	27.61	8.75
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0009	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve	37.50	8.75
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0010	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve	42.74	8.75
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0011	EA	4" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator	29.26	8.75
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0012	EA	6" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator	40.50	8.75
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0013	EA	12" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator	44.87	8.75
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0014	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator	31.81	8.75
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0015	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator	43.46	8.75
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0016	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator	47.70	8.75
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0017	EA	Bubbler Head With Screen, 1/2" NPT	20.42	8.75
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0018	EA	Pressure Compensating Bubbler With Screen, 1/2" NPT	22.99	8.75
32 84 23 00-0019		Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0001)* Note: Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0020		1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0019)* Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0021	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head	36.58	8.75
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0022	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve	40.23	8.75
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0023		3/4" Inlet, Up To 50' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0019)* Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0024	EA	12" Pop-Up Height, 3/4" Inlet, Up To 50' Spacing, Gear-Drive, Rotary Sprinkler Head	74.34	8.75
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0025	EA	5" Pop-Up Height, 3/4" Inlet, Up To 50' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve	56.30	8.75
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0026	EA	12" Pop-Up Height, 3/4" Inlet, Up To 50' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve	77.65	8.75
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	

32 84 23 00-0027 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0019)*

Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.

32 84 23 00-0028	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head	37.14	8.75
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0029	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head	51.86	8.75
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0030	EA	12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head	63.10	8.75
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0031	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve	40.68	8.75
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0032	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve	54.17	8.75
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0033	EA	12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve	65.91	8.75
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0034	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator	45.01	8.75
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0035	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator	59.00	8.75
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0036	EA	12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator	70.29	8.75
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0037	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator	48.96	8.75
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0038	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator	61.81	8.75
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0039	EA	12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator	74.06	8.75
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0040	EA	Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve	39.56	8.75
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0041	EA	Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator	45.01	8.75
		For Non-Potable Cover, Add	*2.00*	

32 84 23 00-0042 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0019)*

Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.

32 84 23 00-0043	EA	4" Pop-Up Height, 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Head	69.28	8.75
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
		For Stainless Steel Riser And High Speed Rotor, Add	*40.01*	

32 84 23 00-0044 1" Inlet, Up To 70' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0019)*

Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.

32 84 23 00-0045	EA	5" Pop-Up Height, 1" Inlet, Up To 70' Spacing, Gear-Drive, Rotary Sprinkler Head	97.94	8.75
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	

32 84 23 00-0046 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0019)*

Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.

32 84 23 00-0047	EA	5" Pop-Up Height, 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Head	103.56	8.75
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	

32 84 23 00-0048 1-1/2" Inlet, Up To 96' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0019)*

Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.

32 84 23 00-0049	EA	3" Pop-Up Height, 1-1/2" Inlet, Up To 96' Spacing, Gear-Drive, Rotary Sprinkler Head	166.44	8.75
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0050		**Impact-Drive Sprinkler Heads** *(32 84 23 00-0001)* Note: Includes partial or full circle coverage. Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0051	EA	1/2" Inlet, Up To 45' Spacing, Pop-Up, Impact-Drive Rotary Sprinkler Head	48.03	8.75
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0052	EA	1/2" Inlet, Up To 45' Spacing, Pop-Up, Impact-Drive Rotary Sprinkler Head With Pressure Regulator	51.02	8.75
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0053	EA	1/2" Inlet, Up To 45' Spacing, Riser Mounted, Plastic Body, Impact-Drive Sprinkler Head	37.96	8.75
32 84 23 00-0054	EA	1/2" Inlet, Up To 41' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head	67.09	8.75
32 84 23 00-0055	EA	3/4" Inlet, Up To 51' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head	106.67	8.75
32 84 23 00-0056	EA	1" Inlet, Up To 65' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head	274.10	8.75
32 84 23 00-0057		**Electric Remote Control Irrigation Valves** *(32 84 23)*		
32 84 23 00-0058		**0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves** *(32 84 23 00-0057)* Note: 5 to 125 PSI.		
32 84 23 00-0059	EA	3/4", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valve	106.40	36.50
32 84 23 00-0060	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve	106.40	36.50
32 84 23 00-0061	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Angle Valve	107.52	36.50
32 84 23 00-0062		**0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves With Flow Control** *(32 84 23 00-0057)* Note: 5 to 125 PSI.		
32 84 23 00-0063	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve With Flow Control	108.08	36.50
32 84 23 00-0064	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Angle Valve With Flow Control	109.21	36.50
32 84 23 00-0065		**0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves** *(32 84 23 00-0057)* Note: 20 to 200 PSI.		
32 84 23 00-0066	EA	1", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve	196.87	36.50
32 84 23 00-0067	EA	1-1/2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve	235.08	36.50
32 84 23 00-0068	EA	2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve	294.65	36.50
32 84 23 00-0069		**5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator** *(32 84 23 00-0057)* Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0070	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator	294.11	41.02
32 84 23 00-0071	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator	332.32	41.02
32 84 23 00-0072	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator	391.89	41.02
32 84 23 00-0073		**20 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator And Scrubber Valve** *(32 84 23 00-0057)* Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0074	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve	336.82	41.02
32 84 23 00-0075	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve	394.13	41.02
32 84 23 00-0076	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve	448.08	41.02
32 84 23 00-0077		**5 To 200 GPM, Brass, Electric Remote Control Irrigation Valves** *(32 84 23 00-0057)* Note: 15 to 200 PSI operating range pressure.		
32 84 23 00-0078	EA	3/4", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve	248.96	36.50
32 84 23 00-0079	EA	1", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve	269.92	36.50
32 84 23 00-0080	EA	1-1/4", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve	322.74	36.50
32 84 23 00-0081	EA	1-1/2", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve	350.84	36.50
32 84 23 00-0082	EA	2", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve	420.52	36.50
32 84 23 00-0083	EA	2-1/2", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve	579.29	44.38
32 84 23 00-0084	EA	3", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve	655.42	49.27
32 84 23 00-0085		**5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves** *(32 84 23 00-0057)* Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0086	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve	383.46	41.02
32 84 23 00-0087	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve	439.65	41.02
32 84 23 00-0088	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve	464.37	41.02
32 84 23 00-0089	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve	529.56	41.02
32 84 23 00-0090		**5 To 200 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator** *(32 84 23 00-0057)* Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0091	EA	3/4", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve With Pressure Regulator	336.06	36.50
32 84 23 00-0092	EA	1", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve With Pressure Regulator	357.02	36.50
32 84 23 00-0093	EA	1-1/4", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve With Pressure Regulator	409.84	36.50
32 84 23 00-0094	EA	1-1/2", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve With Pressure Regulator	437.94	36.50
32 84 23 00-0095	EA	2", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve With Pressure Regulator	507.62	36.50
32 84 23 00-0096	EA	2-1/2", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve With Pressure Regulator	666.39	44.38
32 84 23 00-0097	EA	3", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve With Pressure Regulator	742.52	49.27

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0098		5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator *(32 84 23 00-0057)*		
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0099	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator	470.56	41.02
32 84 23 00-0100	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator	526.75	41.02
32 84 23 00-0101	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator	551.47	41.02
32 84 23 00-0102	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator	616.66	41.02
32 84 23 00-0103		Irrigation Valve Boxes *(32 84 23)*		
		Note: Includes lid.		
32 84 23 00-0104	EA	6" Round Irrigation Valve Box	64.12	26.27
32 84 23 00-0105	EA	7" Round Irrigation Valve Box	76.37	26.27
32 84 23 00-0106	EA	10" Round Irrigation Valve Box	101.01	34.60
32 84 23 00-0107	EA	22" x 17" Rectangular Irrigation Valve Box	153.47	50.51
32 84 23 00-0108	EA	26" x 20" Rectangular Irrigation Valve Box	187.43	50.51
32 84 23 00-0109		Irrigation Controllers *(32 84 23)*		
32 84 23 00-0110		Irrigation Controllers *(32 84 23 00-0109)*		
32 84 23 00-0111		Two Program, Indoor Mount, Hybrid Irrigation Controllers *(32 84 23 00-0110)*		
		Note: Station timing: 0 to 99 minutes. Automatic starts: 3 per day per program. Programming schedule: 2, 3 or 5-day fixed cycle or 7-day variable cycle. Includes plastic indoor cabinet.		
32 84 23 00-0112	EA	4-Station, Two Program, Indoor Mount, Hybrid Irrigation Controller	199.48	26.53
32 84 23 00-0113	EA	6-Station, Two Program, Indoor Mount, Hybrid Irrigation Controller	251.77	26.53
32 84 23 00-0114	EA	8-Station, Two Program, Indoor Mount, Hybrid Irrigation Controller	303.36	26.53
32 84 23 00-0115		Three Program, Indoor Mount, Modular Irrigation Controllers *(32 84 23 00-0110)*		
		Note: Station timing: 0 to 6 hours. Automatic starts: 4 per day per program. Independent programming schedule options variable per program: custom day-of-the-week, odd day watering, even day watering and variable day cycle from 1 to 31 days. Includes plastic indoor cabinet.		
32 84 23 00-0116		Three Program, Indoor Mount, Modular Irrigation Controllers *(32 84 23 00-0115)*		
32 84 23 00-0117	EA	4-Station, Three Program, Indoor Mount, Modular Irrigation Controller	205.11	26.53
		For Outdoor Installations, Add	*36.90*	
32 84 23 00-0118	EA	7-Station, Three Program, Indoor Mount, Modular Irrigation Controller	288.62	26.53
		For Outdoor Installations, Add	*41.86*	
32 84 23 00-0119	EA	10-Station, Three Program, Indoor Mount, Modular Irrigation Controller	372.10	26.53
		For Outdoor Installations, Add	*46.82*	
32 84 23 00-0120	EA	13-Station, Three Program, Indoor Mount, Modular Irrigation Controller	455.60	26.53
		For Outdoor Installations, Add	*51.77*	
32 84 23 00-0121		Accessories For Three Program Modular Irrigation Controllers *(32 84 23 00-0115)*		
32 84 23 00-0122	EA	3-Station Expansion Module For Three Program Modular Irrigation Controllers.	136.56	
		Note: Use task for increasing capacity of existing three program modular irrigation controllers up to a maximum of 13-stations.		
32 84 23 00-0123		Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controllers *(32 84 23 00-0110)*		
		Note: Station timing: 0 to 12 hours. Automatic starts: 8 per day per program. Independent programming schedule options variable per program: custom day-of-the-week, odd day watering, even day watering and variable day cycle from 1 to 99 days. Includes powder coated steel wall mount cabinet.		
32 84 23 00-0124		Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controllers *(32 84 23 00-0123)*		
32 84 23 00-0125	EA	8-Station, Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controller	669.25	26.53
32 84 23 00-0126	EA	12-Station, Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controller	728.94	26.53
32 84 23 00-0127	EA	16-Station, Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controller	1,130.19	26.53
32 84 23 00-0128	EA	24-Station, Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controller	1,249.57	26.53
32 84 23 00-0129	EA	28-Station, Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controller	1,878.97	26.53
32 84 23 00-0130	EA	32-Station, Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controller	1,938.66	26.53
32 84 23 00-0131	EA	36-Station, Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controller	2,495.16	26.53
32 84 23 00-0132	EA	40-Station, Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controller	2,554.84	26.53
32 84 23 00-0133		Accessories For Four Program Hybrid Irrigation Controllers *(32 84 23 00-0123)*		
32 84 23 00-0134	EA	Stainless Steel Pedestal For Four Program Hybrid Irrigation Controllers	674.68	
		Note: Excludes concrete foundation.		
32 84 23 00-0135		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers *(32 84 23 00-0110)*		
		Note: Station timing: 0 to 12 hours. Automatic starts: 8 per day per program. Independent programming schedule options variable per program: custom day-of-the-week, odd day watering, even day watering and variable day cycle from 1 to 31 days. Includes weather-resistant plastic cabinet.		
32 84 23 00-0136		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers *(32 84 23 00-0135)*		
32 84 23 00-0137	EA	8-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller	412.75	26.53
32 84 23 00-0138	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller	516.99	26.53
32 84 23 00-0139	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller	619.22	26.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0140	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller	723.45	26.53
32 84 23 00-0141	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller	825.67	26.53
32 84 23 00-0142	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller	929.92	26.53
32 84 23 00-0143	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller	1,032.13	26.53
32 84 23 00-0144		Accessories For Four Program Modular Irrigation Controllers *(32 84 23 00-0135)*		
32 84 23 00-0145	EA	Metal Cabinet For Four Program Modular Irrigation Controllers	295.83	
32 84 23 00-0146	EA	Metal Cabinet With Pedestal For Four Program Modular Irrigation Controllers Note: Excludes concrete foundation.	698.98	
32 84 23 00-0147	EA	ET Manager, Weather-Based Irrigation Control Module For Four Program Modular Irrigation Controllers	505.08	
32 84 23 00-0148	EA	Satellite Remote Control Module With RS232 Communication For Four Program Modular Irrigation Controllers	587.43	
32 84 23 00-0149	EA	Satellite Remote Control Module With Phone And RS232 Communication For Four Program Modular Irrigation Controllers	624.55	
32 84 23 00-0150	EA	4-Station Expansion Module For Four Program Modular Irrigation Controllers Note: Use task for increasing capacity of existing four program modular irrigation controllers up to a maximum of 32-stations.	203.73	
32 84 23 00-0151	EA	8-Station Expansion Module For Four Program Modular Irrigation Controllers Note: Use task for increasing capacity of existing four program modular irrigation controllers up to a maximum of 32-stations.	352.38	
32 84 23 00-0152		Three Program, Battery-Operated, Buriable Irrigation Control Modules *(32 84 23 00-0110)* Note: Station timing: 1 minute to 12 hours. Automatic starts: 8 per day per program. Dependent programming schedule options: odd day watering, odd-31 day watering, even day watering or 1 to 6 day cycles.		
32 84 23 00-0153		Three Program, Battery-Operated, Buriable Irrigation Control Modules *(32 84 23 00-0152)*		
32 84 23 00-0154	EA	1-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module	227.41	26.53
32 84 23 00-0155	EA	2-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module	301.87	26.53
32 84 23 00-0156	EA	4-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module	400.16	26.53
32 84 23 00-0157		Accessories For Three Program Buriable Irrigation Control Modules *(32 84 23 00-0152)*		
32 84 23 00-0158	EA	Field Transmitter For Three Program Buriable Irrigation Control Modules	201.82	
32 84 23 00-0159	EA	Potted Latching Solenoid For Three Program Buriable Irrigation Control Modules	61.51	19.90
32 84 23 00-0160		Accessories For Irrigation Controllers *(32 84 23 00-0110)*		
32 84 23 00-0161	EA	Wired Rain Sensor For Irrigation Controllers	104.60	19.90
32 84 23 00-0162	EA	Automatic Rain Shutoff Sensor For Irrigation Controllers Note: Includes adjustable sensing probes.	133.92	19.90
32 84 23 00-0163		Weather-Based Irrigation Management Systems *(32 84 23 00-0109)*		
32 84 23 00-0164		ET Manager, Weather-Based Irrigation Management System *(32 84 23 00-0163)* Note: ET Managers interface with existing irrigation controllers or two-wire decoder systems. The system receives hourly weather data from local weather station broadcasts via an internal antenna.		
32 84 23 00-0165	EA	ET Manager, Weather-Based Irrigation Management System	788.42	26.53
32 84 23 00-0166	EA	120V AC Transformer For ET Manager, Weather-Based Irrigation Management System Note: External antenna for areas with a weak paging signal.	46.73	13.26
32 84 23 00-0167	EA	Tipping Rain Gauge For ET Manager, Weather-Based Irrigation Management System	218.64	26.53
32 84 23 00-0168	EA	Remote Antenna Kit For ET Manager, Weather-Based Irrigation Management System Note: External antenna for areas with a weak paging signal.	245.64	29.85
32 84 23 00-0169	EA	Outdoor Enclosure For ET Manager, Weather-Based Irrigation Management System	244.38	19.90
32 84 23 00-0170		Two-Wire Decoder Systems *(32 84 23 00-0109)*		
32 84 23 00-0171		Controllers For Two-Wire Decoder Systems *(32 84 23 00-0170)*		
32 84 23 00-0172	EA	50-Station, Modular Controller For Two-Wire Decoder Systems Note: Expandable up to 200-stations with expansion modules. Includes water resistant cabinet.	2,018.55	26.53
32 84 23 00-0173		Field Decoders For Two-Wire Decoder Systems *(32 84 23 00-0170)*		
32 84 23 00-0174	EA	One Individual Valve Interface, Field Decoder For Two-Wire Decoder System	161.42	26.53
32 84 23 00-0175	EA	One Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System	203.37	26.53
32 84 23 00-0176	EA	Two Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System	297.88	26.53
32 84 23 00-0177	EA	Up To Four Individual Valves Interface, Field Decoder For Two-Wire Decoder System	353.00	26.53
32 84 23 00-0178	EA	Up To Six Individual Valves Interface, Field Decoder For Two-Wire Decoder System	565.78	26.53
32 84 23 00-0179		Accessories For Two-Wire Decoder Systems *(32 84 23 00-0170)*		
32 84 23 00-0180	EA	50-Station, Expansion Module For Two-Wire Decoder Controllers Note: Use task for increasing capacity of existing two-wire decoder system controllers up to a maximum of 200-stations.	966.25	
32 84 23 00-0181	EA	Line Surge Protection For Two-Wire Decoder Systems	123.26	23.22
32 84 23 00-0182	EA	Sensor Decoder Interface For Two-Wire Decoder Systems	479.37	26.53
32 84 23 00-0183		Calsense Controllers *(32 84 23 00-0109)*		
32 84 23 00-0184		Irrigation Controllers *(32 84 23 00-0183)*		
32 84 23 00-0185	EA	6 Station ET-Driven Irrigation Controller (Calsense ET2000E-6)	1,391.08	66.33
32 84 23 00-0186	EA	8 Station ET-Driven Irrigation Controller (Calsense ET2000E-8)	1,788.10	74.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0187	EA	12 Station ET-Driven Irrigation Controller (Calsense ET2000E-12)	2,442.67	82.91
32 84 23 00-0188	EA	16 Station ET-Driven Irrigation Controller (Calsense ET2000E-16)	2,682.64	82.91
32 84 23 00-0189	EA	24 Station ET-Driven Irrigation Controller (Calsense ET2000E-24)	3,167.48	91.20
32 84 23 00-0190	EA	32 Station ET-Driven Irrigation Controller (Calsense ET2000E-32)	3,811.32	91.20
32 84 23 00-0191	EA	40 Station ET-Driven Irrigation Controller (Calsense ET2000E-40)	4,313.71	99.49
32 84 23 00-0192	EA	48 Station ET-Driven Irrigation Controller (Calsense ET2000E-48)	4,822.93	99.49
32 84 23 00-0193	EA	Upgrade Existing Calsense Controller To ET2000E Model (Calsense ET2000E-UPGRADE)	1,396.58	33.16
32 84 23 00-0194	EA	Upgrade Existing Calsense Controller With 8 Additional Stations (Calsense STATION UPGRADE)	598.43	33.16

32 84 23 00-0195 Irrigation Controller Accessories *(32 84 23 00-0183)*

32 84 23 00-0196	EA	Set Of 10 Keys For Calsense Controllers Or Enclosures (Calsense KEY-1)	56.19	
32 84 23 00-0197	EA	Spare Lock For Enclosures (Calsense PAD)	60.87	
32 84 23 00-0198	EA	Hardware And Software For Up To 4 Additional Light Circuits (Calsense L)	77.45	8.29
32 84 23 00-0199	EA	Transformer For Irrigation Controllers (Calsense TR-1)	124.86	33.16
32 84 23 00-0200	EA	AC Line Protection For Irrigation Controllers (Calsense TP-110)	306.31	33.16
32 84 23 00-0201	EA	Transient Protection Board For Irrigation Controller Stations (Calsense TP-1)	399.96	33.16
		For Outdoor Gray Powder Coated Stainless Steel Enclosure, Add	*335.61*	

32 84 23 00-0202 Sensors For Irrigation Controllers *(32 84 23 00-0183)*

32 84 23 00-0203 Flow Sensors *(32 84 23 00-0202)*

32 84 23 00-0204	EA	1-1/2" PVC Schedule 80 Tee Mounted Flow Meter (Calsense FM 1.5)	696.51	49.74
		For Flow Meter Replacement Insert Only, Deduct	*-335.18*	
32 84 23 00-0205	EA	2" PVC Schedule 80 Tee Mounted Flow Meter (Calsense FM 2)	719.92	49.74
		For Flow Meter Replacement Insert Only, Deduct	*-358.59*	
32 84 23 00-0206	EA	3" PVC Schedule 80 Tee Mounted Flow Meter (Calsense FM 3)	743.33	49.74
		For Flow Meter Replacement Insert Only, Deduct	*-382.00*	
32 84 23 00-0207	EA	1" Brass Tee Mounted Flow Meter (Calsense FM 1B)	829.18	66.33
		For Flow Meter Replacement Insert Only, Deduct	*-467.63*	
32 84 23 00-0208	EA	1-1/4" Brass Tee Mounted Flow Meter (Calsense FM 1.25B)	887.71	66.33
		For Flow Meter Replacement Insert Only, Deduct	*-526.16*	
32 84 23 00-0209	EA	1-1/2" Brass Tee Mounted Flow Meter (Calsense FM 1.5B)	911.12	66.33
		For Flow Meter Replacement Insert Only, Deduct	*-549.57*	
32 84 23 00-0210	EA	2" Brass Tee Mounted Flow Meter (Calsense FM 2B)	1,063.30	66.33
		For Flow Meter Replacement Insert Only, Deduct	*-573.47*	
32 84 23 00-0211	EA	2" Pipe Saddle Mounted Insertion Flow Meter (Calsense FMBX) Note: For 4" and larger pipe. Excludes pipe saddle.	815.53	33.16
		For Flow Meter Replacement Insert Only, Deduct	*-325.70*	

32 84 23 00-0212 Moisture Sensors *(32 84 23 00-0202)*

32 84 23 00-0213	EA	Soil Moisture Sensor (Calsense 1000-S)	295.57	24.87

32 84 23 00-0214 Weather Sensors *(32 84 23 00-0202)*

32 84 23 00-0215	EA	Wind Gage, Irrigation Weather Sensor (Calsense WG-1)	805.77	66.33
32 84 23 00-0216	EA	Tipping Rain Bucket, Irrigation Weather Sensor (Calsense RB-1)	961.82	132.66
32 84 23 00-0217	EA	ET Gage, Irrigation Weather Sensor (Calsense ETG)	1,808.58	99.49

32 84 23 00-0218 Weather Sensor Accessories *(32 84 23 00-0202)*

32 84 23 00-0219	EA	Replacement Ceramic Cup For ET Gage Weather Sensor (Calsense ETG-C)	534.58	
32 84 23 00-0220	EA	Replacement Circuit Board For ET Gage Weather Sensor (Calsense ETG-PCB)	991.12	
32 84 23 00-0221	EA	Vandal Resistant Mounting Base For ET Gage Enclosure (Calsense ETGE-BASE)	534.58	33.16
32 84 23 00-0222	EA	Vandal Resistant Stainless Steel Enclosure For ET Gage (Calsense ETGE)	1,197.93	33.16

32 84 23 00-0223 Antennas For Irrigation Controllers *(32 84 23 00-0183)*

Note: Excludes antenna cable.

32 84 23 00-0224	EA	Local Radio Dome Antenna (Calsense LR-DOME)	288.75	33.16
32 84 23 00-0225	EA	Local Radio Stick Antenna (Calsense LR-STICK)	411.66	33.16
32 84 23 00-0226	EA	Local Radio Yagi Antenna (Calsense LR-YAGI)	477.99	66.33
32 84 23 00-0227	EA	Local Radio And Calsense Radio, Remote Dome Antenna (Calsense LR-DOME-RR)	288.75	33.16
32 84 23 00-0228	EA	Local Radio And Calsense Radio, Enhanced Remote Dome Antenna (Calsense LR-DOME-RRE)	288.75	33.16
32 84 23 00-0229	EA	GPRS Stubby Antenna (Calsense GR-STUBBY)	288.75	33.16
32 84 23 00-0230	EA	GPRS Stick Antenna (Calsense GR-STICK)	411.66	33.16
32 84 23 00-0231	EA	Spread Spectrum Dome Antenna (Calsense SR-DOME)	288.75	33.16
32 84 23 00-0232	EA	Spread Spectrum Stick Antenna (Calsense SR-STICK)	411.66	33.16
32 84 23 00-0233	EA	Spread Spectrum Yagi Antenna (Calsense SR-YAGI)	477.99	66.33
32 84 23 00-0234	EA	Spread Spectrum And Calsense Radio, Remote Dome Antenna (Calsense SR-DOME-RR)	288.75	33.16
32 84 23 00-0235	EA	Spread Spectrum And Calsense Radio, Enhanced Remote Dome Antenna (Calsense SR-DOME-RRE)	288.75	33.16
32 84 23 00-0236	EA	Spread Spectrum Stubby Antenna (Calsense SR-STUBBY)	288.75	33.16
32 84 23 00-0237	EA	WiFi Stubby Antenna (Calsense WEN-STUBBY)	288.75	33.16
32 84 23 00-0238	LF	Antenna Cable With End Connectors (Calsense LMR-400-DB)	7.58	0.40
32 84 23 00-0239	EA	Surge Protection Device For Antenna (Calsense ANT-PROT)	278.99	16.58
32 84 23 00-0240	EA	5' High, Non-Penetrating, Antenna Tripod Mount (Calsense ANT-TRIP5)	458.49	33.16
32 84 23 00-0241	EA	3' Antenna Stand Off Mount For 3" Maximum Tower Leg (Calsense ANT-SOM)	380.45	
32 84 23 00-0242	EA	Local Radio Frequency Filter (Calsense LR-FILTER)	538.49	
32 84 23 00-0243	EA	Spread Spectrum Frequency Filter (Calsense SR-FILTER)	398.01	

32 84 23 00-0244 Pedestals And Enclosures For Irrigation Controllers *(32 84 23 00-0183)*

32 84 23 00-0245	EA	15 Amp, Circuit Breaker With Enclosure For Irrigation Controllers (Calsense SSE-BREAKER)	275.08	49.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0246	EA	Standard Gray Powder Coated Stainless Steel Controller Enclosure (Calsense C-BOX)	644.70	82.91
32 84 23 00-0247	EA	Indoor Wall Mount, Stainless Steel Back Panel (Calsense SSBP) Note: Includes GFI and receptacle.	680.91	33.16
32 84 23 00-0248	EA	Standard Gray Powder Coated Stainless Steel Pedestal (Calsense PD-1) Note: Includes factory installed transient protection board and AC line protection.	804.79	24.87
32 84 23 00-0249	EA	Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE) Note: Includes factory installed transient protection board and AC line protection.	2,491.28	24.87
32 84 23 00-0250	EA	Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-R) Note: Includes factory installed transient protection board, AC line protection and dome antenna.	2,812.40	24.87
32 84 23 00-0251	EA	Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D) Note: Includes factory installed transient protection boards and AC line protection. Pre-wired for two controllers.	4,088.64	49.74
32 84 23 00-0252	EA	Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D-R) Note: Includes factory installed transient protection boards, AC line protection and dome antenna. Pre-wired for two controllers.	4,284.19	49.74
32 84 23 00-0253	EA	Bolt Mounting Template For Heavy-Duty Stainless Steel Enclosures (Calsense SSE-CAM)	144.28	
32 84 23 00-0254	EA	Stainless Steel Fully Enclosed Riser For Calsense SSE Enclosures (Calsense SSE-PED)	465.31	

32 84 23 00-0255 Central Computer For Irrigation Control Systems *(32 84 23 00-0183)*

32 84 23 00-0256	EA	Central Computer For Irrigation Control Systems (Calsense COMP-2) Note: Includes a minimum of 133 MHz Pentium, 32 Meg Ram, 1.2 GB hard drive, 14.4 modem and a printer. Excludes Command Center Water Management software.	3,141.87	
32 84 23 00-0257	EA	Command Center Water Management Software For Central Computer (Calsense COMM-1)	5,546.96	
32 84 23 00-0258	EA	Up To 5 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-5) Note: Package price for up to 5 users. Includes remote communication through internet connection.	1,070.76	
32 84 23 00-0259	EA	>5 To 10 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-10) Note: Package price for 6 to 10 users. Includes remote communication through internet connection.	2,095.09	
32 84 23 00-0260	EA	Data Logger With Phone Modem For Irrigation Control Systems (Calsense DL-2)	3,368.81	
32 84 23 00-0261	EA	GPRS Radio For Use At Central Computer (Calsense DTR-G)	2,011.34	

32 84 23 00-0262 Data Access Service *(32 84 23 00-0183)*

32 84 23 00-0263	EA	1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN) Note: For communication between GPRS unit and up to 2 controllers.	17.03	
32 84 23 00-0264	EA	1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR) Note: For communication between GPRS unit and up to 2 controllers.	186.24	
32 84 23 00-0265	EA	5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR) Note: For communication between GPRS unit and up to 2 controllers.	798.15	
32 84 23 00-0266	EA	1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN-M) Note: For communication between GPRS unit and multiple controllers.	69.17	
32 84 23 00-0267	EA	1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR-M) Note: For communication between GPRS unit and multiple controllers.	744.94	
32 84 23 00-0268	EA	5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR-M) Note: For communication between GPRS unit and multiple controllers.	3,192.60	

32 84 23 00-0269 Communication Options For Irrigation Controllers *(32 84 23 00-0183)*

32 84 23 00-0270	EA	FCC License Fee (Calsense)	123.62	
32 84 23 00-0271	EA	P.C.I.A. And/Or A.P.C.O. Fee (Calsense) Note: Per frequency or frequency pair.	230.04	
32 84 23 00-0272	EA	Hardware Communication Option For Irrigation Controllers (Calsense M) Note: Allows multiple controllers to be chained together via a communications cable and share one phone line.	617.24	
32 84 23 00-0273	EA	Phone Line Communication Option For Irrigation Controllers (Calsense R)	649.16	
32 84 23 00-0274	EA	Ethernet Communication Option For Irrigation Controllers (Calsense EN)	649.16	
32 84 23 00-0275	EA	WiFi Communication Option For Irrigation Controllers (Calsense WEN)	1,330.25	
32 84 23 00-0276	EA	Local Radio Communication Option For Irrigation Controllers (Calsense LR)	1,692.08	
32 84 23 00-0277	EA	Spread Spectrum Radio Communication Option For Irrigation Controllers (Calsense SR)	1,692.08	
32 84 23 00-0278	EA	GPRS Radio Modem Communication Option For Irrigation Controllers (Calsense GR)	1,692.08	
32 84 23 00-0279	EA	Fiber Optic Modem Communication Option For Irrigation Controllers (Calsense FOM)	5,427.42	
32 84 23 00-0280	EA	Communication Hub For Irrigation Controllers (Calsense HUB) Note: Accepts up to two communication options. Excludes communication options.	2,100.37	

32 84 23 00-0281 Retrofit Options For Irrigation Controllers *(32 84 23 00-0183)*

32 84 23 00-0282 Weather Retrofits For Irrigation Controllers *(32 84 23 00-0281)*

32 84 23 00-0283	EA	Add One Flow Sensor Interface To An Existing Calsense Controller (Calsense F-RETRO)	848.52	
32 84 23 00-0284	EA	Add One ET Gage Interface To An Existing Calsense Controller (Calsense G-RETRO)	848.52	
32 84 23 00-0285	EA	Add One Tipping Rain Bucket Interface To An Existing Calsense Controller (Calsense RB-RETRO)	848.52	
32 84 23 00-0286	EA	Add One Wind Gage Interface To An Existing Calsense Controller (Calsense WG-RETRO)	848.52	

32 84 23 00-0287 Phone Communication Retrofits For Irrigation Controllers *(32 84 23 00-0281)*

32 84 23 00-0288	EA	Add The Ability To Chain To Another Calsense Controller With The Phone Line Communication Option And Share One Phone Line (Calsense M-RETRO)	891.09	
32 84 23 00-0289	EA	Add The Phone Line Communication Option To An Existing Calsense Controller (Calsense R-RETRO)	1,050.71	
32 84 23 00-0290	EA	Add The Phone Line Communication Option And The Ability To Chain To Another Calsense Controller And Share One Phone Line (Calsense MLR-RETRO)	1,673.27	

32 84 23 00-0291 Local Radio Communication Retrofits For Irrigation Controllers *(32 84 23 00-0281)*

32 84 23 00-0292	EA	Add The Ability To Chain To Another Calsense Controller With The Local Radio Communication Option And Share One Local Radio (Calsense ML-RETRO)	997.51	
32 84 23 00-0293	EA	Add The Local Radio Communication Option To An Existing Calsense Controller (Calsense LR-RETRO)	2,082.99	
32 84 23 00-0294	EA	Add The Local Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Local Radio (Calsense MLR-RETRO)	2,700.23	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0295		**Spread Spectrum Radio Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0281)*		
32 84 23 00-0296	EA	Add The Ability To Chain To Another Calsense Controller With The Spread Spectrum Radio Communication Option And Share One Spread Spectrum Radio (Calsense MS-Retro)	997.51	
32 84 23 00-0297	EA	Add The Spread Spectrum Radio Communication Option To An Existing Calsense Controller (Calsense SR-RETRO)	2,082.99	
32 84 23 00-0298	EA	Add The Spread Spectrum Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Spread Spectrum Radio (Calsense MSR-RETRO)	2,700.23	
32 84 23 00-0299		**Ethernet Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0281)*		
32 84 23 00-0300	EA	Add The Ability To Chain To Another Calsense Controller With The Ethernet Communication Option And Share One Ethernet Device (Calsense ME-Retro)	997.51	
32 84 23 00-0301	EA	Add The Ethernet Communication Option To An Existing Calsense Controller (Calsense EN-RETRO)	1,050.71	
32 84 23 00-0302	EA	Add The Ethernet Communication Option And The Ability To Chain To Another Calsense Controller And Share One Ethernet Device (Calsense MEN-RETRO)	1,673.27	
32 84 23 00-0303		**GPRS Radio Modem Communication Retrofits For Irrigation Controllers** *(32 84 23 00-0281)*		
32 84 23 00-0304	EA	Add The Ability To Chain To Another Calsense Controller With The GPRS Communication Option And Share One GPRS Modem (Calsense MG-RETRO)	997.51	
32 84 23 00-0305	EA	Add The GPRS Communication Option To An Existing Calsense Controller (Calsense GR-RETRO)	2,082.99	
32 84 23 00-0306	EA	Add The GPRS Communication Option And The Ability To Chain To Another Calsense Controller And Share One GPRS Modem (Calsense MGR-RETRO)	2,700.23	
32 84 23 00-0307		**Radio Remote Units For Irrigation Controllers** *(32 84 23 00-0183)*		
32 84 23 00-0308	EA	Enhanced Radio Remote Hand-Held Transmitter With Carry Case (Calsense RRe-TRAN)	1,002.83	
32 84 23 00-0309	EA	Calsense Integrated Radio Remote Receiver Board (Calsense RR/RRe) Note: Includes PVC stick antenna. Excludes antenna cable.	210.71	
32 84 23 00-0310	EA	Wall Mount Charger For Hand-Held Transmitter (Calsense RRTRAN-CHG)	90.46	
32 84 23 00-0311	EA	Replacement Battery For Hand-Held Transmitter (Calsense RRTRAN-BAT)	165.57	
32 84 23 00-0312	EA	PVC Stick Antenna For Radio Remote Receiver Board (Calsense RR-ANT) Note: Excludes antenna cable.	107.04	8.29
32 84 23 00-0313	EA	Whip Antenna For Radio Remote Receiver Board (Calsense RRe-WHIP) Note: Excludes antenna cable.	202.82	8.29
32 84 23 00-0314	EA	Dome Antenna For Radio Remote Receiver Board (Calsense RR-Dome/RRe-Dome) Note: Excludes antenna cable.	218.78	8.29
32 84 23 00-0315		**Irrigation Valves** *(32 84 23)*		
32 84 23 00-0316		**Reduced Pressure Zone Assemblies With QT Shut-Offs** *(32 84 23 00-0315)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
32 84 23 00-0317	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	386.04	30.13
32 84 23 00-0318	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	458.93	36.79
32 84 23 00-0319	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	682.67	42.82
32 84 23 00-0320	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	724.81	49.16
32 84 23 00-0321	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	873.79	63.44
32 84 23 00-0322		**Brass Quick-Coupling Irrigation Valves** *(32 84 23 00-0315)*		
32 84 23 00-0323	EA	3/4", 1-Piece Brass Body, Quick-Coupling Irrigation Valve	130.32	26.27
		For Valve Key, Add	*39.85*	
32 84 23 00-0324	EA	3/4", 2-Piece Brass Body, Quick-Coupling Irrigation Valve	140.43	26.27
		For Locking Cover, Add	*25.00*	
		For Valve Key, Add	*39.85*	
32 84 23 00-0325	EA	1", 1-Piece Brass Body, Quick-Coupling Irrigation Valve	188.76	26.27
		For Valve Key, Add	*87.87*	
32 84 23 00-0326	EA	1", 2-Piece Brass Body, Quick-Coupling Irrigation Valve	214.61	26.27
		For Locking Cover, Add	*25.00*	
		For Valve Key, Add	*87.87*	
32 84 23 00-0327		**Anti-Siphon Pressure Type Vacuum Breaker** *(32 84 23 00-0315)* Note: Pressure: 15 to 150 PSI, temperature: 33 to 140 degrees Fahrenheit.		
32 84 23 00-0328	EA	3/4" Anti-Siphon Pressure Type Vacuum Breaker	126.06	22.20
32 84 23 00-0329	EA	1" Anti-Siphon Pressure Type Vacuum Breaker	174.51	25.38
32 84 23 00-0330	EA	1-1/4" Anti-Siphon Pressure Type Vacuum Breaker	301.59	29.34
32 84 23 00-0331	EA	1-1/2" Anti-Siphon Pressure Type Vacuum Breaker	366.03	32.51
32 84 23 00-0332	EA	2" Anti-Siphon Pressure Type Vacuum Breaker	374.89	39.64
32 84 23 00-0333		**Irrigation Piping** *(32 84 23)*		
32 84 23 00-0334	LF	3/4" Class 200 PVC Socketweld Pipe With Fittings	2.04	0.92
		For >1000, Deduct	*-0.10*	
32 84 23 00-0335	LF	1" Class 200 PVC Socketweld Pipe With Fittings	2.45	1.10
		For >1000, Deduct	*-0.12*	
32 84 23 00-0336	LF	1-1/2" Class 200 PVC Socketweld Pipe With Fittings	3.54	1.39
		For >1000, Deduct	*-0.18*	
32 84 23 00-0337	LF	2" Class 200 PVC Socketweld Pipe With Fittings	4.59	1.73
		For >1000, Deduct	*-0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0338	LF	2-1/2" Class 200 PVC Socketweld Pipe With Fittings	5.67	2.03
		For >1000, Deduct	*-0.28*	
32 84 23 00-0339	LF	1/2" Schedule 40 PVC Pipe With Fittings	1.71	0.73
		For >1000, Deduct	*-0.09*	
32 84 23 00-0340	LF	3/4" Schedule 40 PVC Pipe With Fittings	2.14	0.92
		For >1000, Deduct	*-0.11*	
32 84 23 00-0341	LF	1" Schedule 40 PVC Pipe With Fittings	2.61	1.10
		For >1000, Deduct	*-0.13*	
32 84 23 00-0342	LF	1-1/2" Schedule 40 PVC Pipe With Fitting	3.50	1.39
		For >1000, Deduct	*-0.18*	
32 84 23 00-0343	LF	2" Schedule 40 PVC Pipe With Fittings	4.42	1.73
		For >1000, Deduct	*-0.22*	
32 84 23 00-0344	LF	2-1/2" Schedule 40 PVC Pipe With Fitting	5.55	2.03
		For >1000, Deduct	*-0.28*	
32 84 23 00-0345	LF	3" Schedule 40 PVC Pipe With Fitting	7.77	2.92
		For >1000, Deduct	*-0.39*	

32 84 23 00-0346 Irrigation Swing Joints *(32 84 23)*

32 84 23 00-0347	EA	3/4" Male NPT, 12" Length, PVC Irrigation Swing Joint	108.21	36.50
32 84 23 00-0348	EA	1" Male NPT, 12" Length, PVC Irrigation Swing Joint	113.30	36.50
32 84 23 00-0349	EA	1" Male NPT, 18" Length, PVC Irrigation Swing Joint	116.79	36.50
32 84 23 00-0350	EA	1-1/2" Male NPT, 12" Length, PVC Irrigation Swing Joint	135.35	36.50
32 84 23 00-0351	EA	3/4" Male NPT, 12" Length, PVC Irrigation Swing Joint With 45 PSI Pressure Regulator	130.66	36.50
32 84 23 00-0352	EA	1" Male NPT, 12" Length, PVC Irrigation Swing Joint With 70 PSI Pressure Regulator	135.58	36.50

32 84 23 00-0353 Irrigation Control Wire *(32 84 23)*

Note: Excludes excavation and backfill.

32 84 23 00-0354 18 AWG, Irrigation Control Wire, Buried In Trench *(32 84 23 00-0353)*

32 84 23 00-0355	CLF	1-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	30.33	10.95
32 84 23 00-0356	CLF	2-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	41.42	12.77
32 84 23 00-0357	CLF	3-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	52.50	14.60
32 84 23 00-0358	CLF	4-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	62.84	16.42
32 84 23 00-0359	CLF	5-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	74.18	18.25
32 84 23 00-0360	CLF	6-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	85.02	20.08
32 84 23 00-0361	CLF	7-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	93.75	21.90
32 84 23 00-0362	CLF	8-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	101.49	23.73
32 84 23 00-0363	CLF	9-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	117.04	25.55
32 84 23 00-0364	CLF	10-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	124.66	27.37
32 84 23 00-0365	CLF	11-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	134.01	29.20
32 84 23 00-0366	CLF	12-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	143.86	31.02
32 84 23 00-0367	CLF	13-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	155.44	32.84

32 84 23 00-0368 Root Watering Systems *(32 84 23)*

Note: Includes swing assembly.

32 84 23 00-0369	EA	0.25 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System	62.01	14.60
		For Root Watering Sand Sock, Add	*1.14*	
32 84 23 00-0370	EA	0.25 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System	66.56	14.60
		For Root Watering Sand Sock, Add	*1.14*	
32 84 23 00-0371	EA	0.5 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System	62.01	14.60
		For Root Watering Sand Sock, Add	*1.14*	
32 84 23 00-0372	EA	0.5 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System	66.56	14.60
		For Root Watering Sand Sock, Add	*1.14*	
32 84 23 00-0373	EA	1 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System	66.56	14.60
		For Root Watering Sand Sock, Add	*1.14*	
32 84 23 00-0374	EA	2 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System	66.56	14.60
		For Root Watering Sand Sock, Add	*1.14*	
32 84 23 00-0375	EA	0.25 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System	53.84	12.77
		For Root Watering Sand Sock, Add	*1.14*	
32 84 23 00-0376	EA	0.25 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System	58.22	12.77
		For Root Watering Sand Sock, Add	*1.14*	
32 84 23 00-0377	EA	0.5 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System	53.84	12.77
		For Root Watering Sand Sock, Add	*1.14*	
32 84 23 00-0378	EA	0.5 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System	58.22	12.77
		For Root Watering Sand Sock, Add	*1.14*	
32 84 23 00-0379	EA	0.25 GPM Bubbler On Riser, 10" Tube, 4" Diameter Grate, Root Watering System	36.95	10.95
		For Root Watering Sand Sock, Add	*1.14*	
32 84 23 00-0380	EA	0.25 GPM Bubbler And Check Valve On Riser, 10" Tube, 4" Diameter Grate, Root Watering System	41.12	10.95
		For Root Watering Sand Sock, Add	*1.14*	

32 90 Planting *(32)*

Note: Plant installation includes the initial watering only. The extended watering period for the establishment of lawns, plants and trees is addressed on a per plant per amount per occurrence basis as directed in the specification. cvs = cultivar. See CSI section 32 01 90 26-0000 for additional "extended watering period" tasks.

32 91 Planting Preparation *(32 90)*

32 91 13 Soil Preparation *(32 91)*

32 91 13 16 Mulching *(32 91 13)*

32 91 13 16-0001 Mulch *(32 91 13 16)*

Note: Includes loading, delivery up to 15 miles and spreading. 1 CY = 108 SF of mulch spread 3" thick. See CSI section 01 74 19 00-0030 for hauling greater than 15 miles.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 16-0002	CY	Stone/Gravel Mulch	168.89	
		For >5 To 20, Deduct	*-10.94*	
		For >20 To 50, Deduct	*-13.43*	
		For >50, Deduct	*-18.42*	
		For Work On Slopes >1 To 2.5, Add	*9.98*	
32 91 13 16-0003	CY	Pea Gravel Mulch	72.73	
		For >5 To 20, Deduct	*-6.13*	
		For >20 To 50, Deduct	*-8.63*	
		For >50, Deduct	*-13.61*	
		For Work On Slopes >1 To 2.5, Add	*9.98*	
32 91 13 16-0004	CY	Stone Mulch, Decomposed Granite	94.23	
		For Work On Slopes >1 To 2.5, Add	*9.98*	
32 91 13 16-0005	CY	Pine Bark Nugget Mulch	74.89	
		For >5 To 20, Deduct	*-6.24*	
		For >20 To 50, Deduct	*-8.73*	
		For >50, Deduct	*-13.72*	
		For Work On Slopes >1 To 2.5, Add	*9.98*	
32 91 13 16-0006	CY	Hardwood Bark Nugget Mulch	73.89	
		For >5 To 20, Deduct	*-6.19*	
		For >20 To 50, Deduct	*-8.68*	
		For >50, Deduct	*-13.67*	
		For Work On Slopes >1 To 2.5, Add	*9.98*	
32 91 13 16-0007	CY	Pine Wood Chip Mulch	71.89	
		For >5 To 20, Deduct	*-6.09*	
		For >20 To 50, Deduct	*-8.58*	
		For >50, Deduct	*-13.57*	
		For Work On Slopes >1 To 2.5, Add	*9.98*	
32 91 13 16-0008	CY	Hardwood Chip Mulch	77.89	
		For >5 To 20, Deduct	*-6.39*	
		For >20 To 50, Deduct	*-8.88*	
		For >50, Deduct	*-13.87*	
		For Work On Slopes >1 To 2.5, Add	*9.98*	
32 91 13 16-0009	CY	Shredded Hardwood Mulch	75.89	
		For >5 To 20, Deduct	*-6.29*	
		For >20 To 50, Deduct	*-8.78*	
		For >50, Deduct	*-13.77*	
		For Work On Slopes >1 To 2.5, Add	*9.98*	
32 91 13 16-0010	CY	Shredded Pine Mulch	66.89	
		For >5 To 20, Deduct	*-5.84*	
		For >20 To 50, Deduct	*-8.33*	
		For >50, Deduct	*-13.32*	
		For Work On Slopes >1 To 2.5, Add	*9.98*	
32 91 13 16-0011	CY	Shredded Cedar Mulch	86.39	
		For >5 To 20, Deduct	*-6.81*	
		For >20 To 50, Deduct	*-9.31*	
		For >50, Deduct	*-14.30*	
		For Work On Slopes >1 To 2.5, Add	*9.98*	
32 91 13 16-0012	CY	Shredded Cypress Mulch	84.89	
		For >5 To 20, Deduct	*-6.74*	
		For >20 To 50, Deduct	*-9.23*	
		For >50, Deduct	*-14.22*	
		For Work On Slopes >1 To 2.5, Add	*9.98*	
32 91 13 16-0013	CY	Shredded Redwood Mulch	88.89	
		For >5 To 20, Deduct	*-6.94*	
		For >20 To 50, Deduct	*-9.43*	
		For >50, Deduct	*-14.42*	
		For Work On Slopes >1 To 2.5, Add	*9.98*	
32 91 13 16-0014	CY	Chunk Recycled Tire Mulch	133.36	
		For >5 To 20, Deduct	*-9.84*	
		For >20 To 50, Deduct	*-13.00*	
		For >50, Deduct	*-19.34*	
		For Work On Slopes >1 To 2.5, Add	*12.67*	
32 91 13 16-0015	CY	Chunk Colored Recycled Tire Mulch	202.36	
		For >5 To 20, Deduct	*-13.29*	
		For >20 To 50, Deduct	*-16.45*	
		For >50, Deduct	*-22.79*	
		For Work On Slopes >1 To 2.5, Add	*12.67*	
32 91 13 16-0016	CY	Shredded Recycled Tire Mulch	203.36	
		For >5 To 20, Deduct	*-13.34*	
		For >20 To 50, Deduct	*-16.50*	
		For >50, Deduct	*-22.84*	
		For Work On Slopes >1 To 2.5, Add	*12.67*	
32 91 13 16-0017	CY	Shredded Colored Recycled Tire Mulch	341.36	
		For >5 To 20, Deduct	*-20.24*	
		For >20 To 50, Deduct	*-23.40*	
		For >50, Deduct	*-29.74*	
		For Work On Slopes >1 To 2.5, Add	*12.67*	
32 91 13 16-0018	BALE	Pine Straw Mulch	6.54	
		Note: Covers 50 SF at a thickness of 2" to 4" forming a uniform mat through which none of the original ground surface can be seen.		
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.81*	
		For Work On Slopes >1 To 2.5, Add	*0.61*	
32 91 13 16-0019	BALE	Wheat Straw Mulch	6.40	
		Note: Covers 350 SF forming a uniform mat through which 20 to 40% of the original ground surface can be seen.		
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.55*	
		For >500, Deduct	*-0.75*	
		For Work On Slopes >1 To 2.5, Add	*0.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 91 13 26 Planting Beds *(32 91 13)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0001 Plant Bed Preparation *(32 91 13 26)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0002	SF	Prepare Plant Bed, Up To 8" Deep By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	0.81	
		For Work On Slopes >1 To 2.5, Add	*0.16*	
32 91 13 26-0003	SF	Prepare Plant Bed, 9" To 13" Deep By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	0.92	
		For Work On Slopes >1 To 2.5, Add	*0.18*	
32 91 13 26-0004	SF	Prepare Plant Bed, 14" To 18" Deep By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	1.09	
		For Work On Slopes >1 To 2.5, Add	*0.22*	
32 91 13 26-0005	SF	Prepare Plant Bed By Hand, Up To 8" Deep Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	3.83	
		For Work On Slopes >1 To 2.5, Add	*0.77*	
32 91 13 26-0006	SF	Prepare Plant Bed By Hand, 9" To 13" Deep Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	4.40	
		For Work On Slopes >1 To 2.5, Add	*0.88*	
32 91 13 26-0007	SF	Prepare Plant Bed By Hand, 14" To 18" Deep Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	5.18	
		For Work On Slopes >1 To 2.5, Add	*1.04*	
32 91 13 26-0008	CY	Excavate Planting Pit By Hand, Sandy Soil Note: For use with existing planting pits.	66.33	
		For Work On Slopes >1 To 2.5, Add	*13.27*	
32 91 13 26-0009	CY	Excavate Planting Pit By Hand, Heavy Soil Note: For use with existing planting pits.	132.66	
		For Work On Slopes >1 To 2.5, Add	*26.53*	
32 91 13 26-0010	CY	Excavate Planting Pit By Machine, Sandy Soil Note: For use with existing planting pits.	9.43	
		For Work On Slopes >1 To 2.5, Add	*1.89*	
32 91 13 26-0011	CY	Excavate Planting Pit By Machine, Heavy Soil Note: For use with existing planting pits.	12.27	
		For Work On Slopes >1 To 2.5, Add	*2.45*	
32 91 13 26-0012	CY	Backfill Planting Pit By Hand With Topsoil From Stockpile	58.94	
		For Work On Slopes >1 To 2.5, Add	*11.79*	
32 91 13 26-0013	CY	Backfill Planting Pit By Hand With Furnished Planting Mix	66.67	
		For Work On Slopes >1 To 2.5, Add	*8.85*	
32 91 13 26-0014	CY	Backfill Planting Pit By Machine, With Topsoil From Stockpile	5.43	
		For Work On Slopes >1 To 2.5, Add	*1.09*	
32 91 13 26-0015	CY	Backfill Planting Pit By Machine, With Furnished Planting Mix	26.94	
		For Work On Slopes >1 To 2.5, Add	*0.90*	
32 91 13 26-0016	SY	Remove Sod By Hand	4.47	
		For Work On Slopes >1 To 2.5, Add	*0.89*	
32 91 13 26-0017	SY	Remove Sod With Machine	0.44	
		For Work On Slopes >1 To 2.5, Add	*0.09*	
32 91 13 26-0018	SY	Pile Sod By Hand	2.65	
		For Work On Slopes >1 To 2.5, Add	*0.53*	
32 91 13 26-0019	SY	Pile Sod With Machine	0.82	
		For Work On Slopes >1 To 2.5, Add	*0.16*	

32 91 13 26-0020 Weed Barrier *(32 91 13 26)*

32 91 13 26-0021	SY	Up To 3 Oz/SY Non Woven, Polypropylene Weed Barrier	1.32	
		For Work On Slopes >1 To 2.5, Add	*0.11*	
32 91 13 26-0022	SY	4 Oz/SY Woven, Polypropylene Weed Barrier	1.73	
		For Work On Slopes >1 To 2.5, Add	*0.11*	
32 91 13 26-0023	SY	5 Oz/SY Woven, Needle Punched Polypropylene Weed Barrier	1.91	
		For Work On Slopes >1 To 2.5, Add	*0.11*	

32 91 13 33 Soil Conditioners *(32 91 13)*

32 91 13 33-0001 Spread Soil Conditioners *(32 91 13 33)*

32 91 13 33-0002	SY	Aluminum Sulfate 1 LB/SY, Push Spreader	0.41
32 91 13 33-0003	MSF	Aluminum Sulfate 1 LB/SY, Tractor Spreader	39.56
32 91 13 33-0004	SY	Fertilizer, 0.2 LB/SY, Push Spreader	0.05
32 91 13 33-0005	MSF	Fertilizer, 0.2 LB/SY, Tractor Spread	7.23
32 91 13 33-0006	MSF	Fertilizer, 18.36 LB/MSF, Truck Spread	3.76
32 91 13 33-0007	SY	Pelletized Lime, 1 LB/SY, Push Spreader	0.09
32 91 13 33-0008	MSF	Pelletized Lime, 1 LB/SY, Tractor Spreader	7.13
32 91 13 33-0009	SY	Lusoil, 3 LB/SY, Push Spreader	0.67
32 91 13 33-0010	MSF	Lusoil, 3 LB/SY, Tractor Spreader	69.35
32 91 13 33-0011	SY	Manure, 18 LB/SY, Push Spreader	2.34
32 91 13 33-0012	MSF	Manure, 18 LB/SY, Tractor Spreader	255.12
32 91 13 33-0013	SY	Perlite, 1" Deep, Push Spreader	3.63
32 91 13 33-0014	MSF	Perlite, 1" Deep, Tractor Spreader	377.80
32 91 13 33-0015	SY	Vermiculite, Push Spreader	3.37
32 91 13 33-0016	MSF	Vermiculite, Tractor Spreader	369.04

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 91 13 36 Lawn Bed Preparation *(32 91 13)*

32 91 13 36-0001	MSF	Rake Topsoil With Machine	60.11	
32 91 13 36-0002	MSF	Rake Topsoil By Hand	53.06	
32 91 13 36-0003	MSF	Screen Loam With Machine	76.22	
32 91 13 36-0004	MSF	Screen Loam By Hand	35.37	
32 91 13 36-0005	SY	Roll Topsoil With Machine	0.76	
32 91 13 36-0006	SY	Roll Topsoil By Hand	2.37	
32 91 13 36-0007	MSF	Remove Rocks And Debris With Machine	7.11	
32 91 13 36-0008	MSF	Remove Rocks And Debris By Hand	22.86	
32 91 13 36-0009	MSF	Root Raking And Loading, No Boulders	37.20	
		For >45 to 225, Deduct	*-26.04*	
		For >225, Deduct	*-33.48*	
32 91 13 36-0010	MSF	Root Raking And Loading, With Boulders	62.00	
		For >45 to 225, Deduct	*-43.40*	
		For >225, Deduct	*-55.80*	
32 91 13 36-0011	SY	Up To 6" Deep Tilling Topsoil With Tractor	0.09	
32 91 13 36-0012	SY	Up To 2" Deep Tilling Topsoil With Rototiller	0.56	
32 91 13 36-0013	SY	Up To 4" Deep Tilling Topsoil With Rototiller	0.68	
32 91 13 36-0014	SY	Up To 6" Deep Tilling Topsoil With Rototiller	0.85	
32 91 13 36-0015	LF	"V" Cut Soil For Edge Of Planting Beds	0.94	

32 91 19 Landscape Grading *(32 91)*

32 91 19 13 Topsoil Placement And Grading *(32 91 19)*

32 91 19 13-0001 Remove And Stockpile Topsoil On Site *(32 91 19 13)*

32 91 19 13-0002	CY	Remove Topsoil, 4" Deep Stockpile On Site	3.49
32 91 19 13-0003	CY	Remove Topsoil, 6" Deep Stockpile On Site	3.45

32 91 19 13-0004 Screening Topsoil *(32 91 19 13)*

32 91 19 13-0005	CY	Screen Topsoil With Vibrating Screen, Wet Material (Organic)	7.73
32 91 19 13-0006	CY	Screen Topsoil With Vibrating Screen, Dry Material	5.16
32 91 19 13-0007	CY	Screen Topsoil With Vibrating Screen And Mix With Conditioners	2.03

32 91 19 13-0008 Spreading Topsoil From Stockpile *(32 91 19 13)*

32 91 19 13-0009	CY	Spread Topsoil By Machine From Stockpile	5.64
32 91 19 13-0010	CY	Spread Topsoil By Hand From Stockpile	50.62

32 91 19 13-0011 Furnish And Place Imported Screened Topsoil *(32 91 19 13)*

Note: Includes delivery up to 15 miles from the closest approved source and spread by machine. Excludes hand spreading. See CSI section 01 74 19 00-0030 for hauling greater than 15 miles, 31 23 16 36-0030 for hand spreading.

32 91 19 13-0012	SY	Furnish And Place Imported Screened Topsoil, 2" Deep	2.30	
		For Unscreened, Deduct		*-0.24*
32 91 19 13-0013	SY	Furnish And Place Imported Screened Topsoil, 4" Deep	4.38	
		For Unscreened, Deduct		*-0.47*
32 91 19 13-0014	SY	Furnish And Place Imported Screened Topsoil, 6" Deep	6.30	
		For Unscreened, Deduct		*-0.71*
32 91 19 13-0015	SY	Furnish And Place Imported Screened Topsoil, 9" Deep	9.04	
		For Unscreened, Deduct		*-1.06*
32 91 19 13-0016	SY	Furnish And Place Imported Screened Topsoil, 12" Deep	11.77	
		For Unscreened, Deduct		*-1.41*
32 91 19 13-0017	CY	Furnish And Place Imported Screened Topsoil, Over 12" Deep	31.51	
		For Unscreened, Deduct		*-4.23*

32 91 19 16 Scarify Subsoil *(32 91 19)*

32 91 19 16-0001 Scarify Subsoil For Planting Preparation *(32 91 19 16)*

32 91 19 16-0002	MSF	Up To 5000 SF Scarify Up To 8" Subsoil With Machine	44.10
32 91 19 16-0003	MSF	>5000 To 20000 SF Scarify Up To 8" Subsoil With Machine	30.87
32 91 19 16-0004	MSF	>20000 SF Scarify Up To 8" Subsoil With Machine With Scarifier	18.19

32 92 Turf And Grasses *(32 90)*

32 92 19 Seeding *(32 92)*

32 92 19 13 Mechanical Seeding *(32 92 19)*

Note: Includes fertilizing, liming, mixing, seeding and initial watering.

32 92 19 13-0001 Tractor Spreader Mechanical Seeding *(32 92 19 13)*

Note: Excludes straw.

32 92 19 13-0002	MSF	Common Bluegrass, Tractor Spreader Note: 4 LB/MSF spread rate.	28.23
32 92 19 13-0003	MSF	Tall Fescue, Tractor Spreader Note: 5.5 LB/MSF spread rate.	22.72
32 92 19 13-0004	MSF	Rye, Tractor Spreader Note: 10 LB/MSF spread rate.	23.11
32 92 19 13-0005	MSF	Shade Mix, Tractor Spreader Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	25.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0006	MSF	Turf Mix, Tractor Spreader Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	26.52	
32 92 19 13-0007	MSF	Slope Mix, Tractor Spreader Note: 6 LB/MSF spread rate.	24.62	
32 92 19 13-0008	MSF	Utility Mix, Tractor Spreader Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	22.25	
32 92 19 13-0009	MSF	Wild Flower Mix, Tractor Spreader Note: 0.10 LB/MSF spread rate.	17.78	
32 92 19 13-0010	MSF	Crown Vetch Mix, Tractor Spreader Note: 4 LB/MSF spread rate.	53.12	
32 92 19 13-0011	MSF	Athletic Mix, Tractor Spreader Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	32.22	
32 92 19 13-0012	MSF	White Clover Mix, Tractor Spreader Note: 7 LB/MSF spread rate.	17.73	
32 92 19 13-0013	MSF	Ladino Clover Mix, Tractor Spreader Note: 7 LB/MSF spread rate.	19.63	

32 92 19 13-0014 Hydro Or Air Mechanical Seeding *(32 92 19 13)*

32 92 19 13-0015	MSF	Common Bluegrass, Hydro Or Air Seeding Note: 4 LB/MSF spread rate.	59.59	
		For Spot Areas Up To 1 MSF, Add	*65.35*	
		For >1 To 4 MSF, Add	*42.11*	
		For >4 To 7.5 MSF, Add	*28.60*	
		For >7.5 To 10 MSF, Add	*14.30*	
		For >45, Deduct	*-4.87*	
32 92 19 13-0016	MSF	Tall Fescue, Hydro Or Air Seeding Note: 5.5 LB/MSF spread rate.	62.92	
		For Spot Areas Up To 1 MSF, Add	*66.68*	
		For >1 To 4 MSF, Add	*42.78*	
		For >4 To 7.5 MSF, Add	*28.94*	
		For >7.5 To 10 MSF, Add	*14.47*	
		For >45, Deduct	*-5.03*	
32 92 19 13-0017	MSF	Rye, Hydro Or Air Spread Note: 10 LB/MSF spread rate.	59.73	
		For Spot Areas Up To 1 MSF, Add	*65.41*	
		For >1 To 4 MSF, Add	*42.14*	
		For >4 To 7.5 MSF, Add	*28.62*	
		For >7.5 To 10 MSF, Add	*14.31*	
		For >45, Deduct	*-4.87*	
32 92 19 13-0018	MSF	Shade Mix, Hydro Or Air Seeding Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	59.59	
		For Spot Areas Up To 1 MSF, Add	*65.35*	
		For >1 To 4 MSF, Add	*42.11*	
		For >4 To 7.5 MSF, Add	*28.60*	
		For >7.5 To 10 MSF, Add	*14.30*	
		For >45, Deduct	*-4.87*	
32 92 19 13-0019	MSF	Turf Mix, Hydro Or Air Seeding Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	62.92	
		For Spot Areas Up To 1 MSF, Add	*66.68*	
		For >1 To 4 MSF, Add	*42.78*	
		For >4 To 7.5 MSF, Add	*28.94*	
		For >7.5 To 10 MSF, Add	*14.47*	
		For >45, Deduct	*-5.03*	
32 92 19 13-0020	MSF	Slope Mix, Hydro Or Air Seeding Note: 6 LB/MSF spread rate.	61.49	
		For Spot Areas Up To 1 MSF, Add	*66.11*	
		For >1 To 4 MSF, Add	*42.49*	
		For >4 To 7.5 MSF, Add	*28.79*	
		For >7.5 To 10 MSF, Add	*14.40*	
		For >45, Deduct	*-4.96*	
32 92 19 13-0021	MSF	Utility Mix, Hydro Or Air Seeding Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	60.34	
		For Spot Areas Up To 1 MSF, Add	*65.65*	
		For >1 To 4 MSF, Add	*42.26*	
		For >4 To 7.5 MSF, Add	*28.68*	
		For >7.5 To 10 MSF, Add	*14.34*	
		For >45, Deduct	*-4.90*	
32 92 19 13-0022	MSF	Wild Flower Mix, Hydro Or Air Seeding Note: 0.10 LB/MSF spread rate.	56.64	
		For Spot Areas Up To 1 MSF, Add	*64.17*	
		For >1 To 4 MSF, Add	*41.52*	
		For >4 To 7.5 MSF, Add	*28.31*	
		For >7.5 To 10 MSF, Add	*14.15*	
		For >45, Deduct	*-4.72*	
32 92 19 13-0023	MSF	Crown Vetch Mix, Hydro Or Air Seeding Note: 4 LB/MSF spread rate.	89.99	
		For Spot Areas Up To 1 MSF, Add	*77.51*	
		For >1 To 4 MSF, Add	*48.19*	
		For >4 To 7.5 MSF, Add	*31.64*	
		For >7.5 To 10 MSF, Add	*15.82*	
		For >45, Deduct	*-6.39*	
32 92 19 13-0024	MSF	Athletic Mix, Hydro Or Air Seeding Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	79.55	
		For Spot Areas Up To 1 MSF, Add	*73.33*	
		For >1 To 4 MSF, Add	*46.10*	
		For >4 To 7.5 MSF, Add	*30.60*	
		For >7.5 To 10 MSF, Add	*15.30*	
		For >45, Deduct	*-5.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0025	MSF	White Clover Mix, Hydro Or Air Seeding	52.13	
		Note: 7 LB/MSF spread rate.		
		For Spot Areas Up To 1 MSF, Add	*62.37*	
		For >1 To 4 MSF, Add	*40.62*	
		For >4 To 7.5 MSF, Add	*27.86*	
		For >7.5 To 10 MSF, Add	*13.93*	
		For >45, Deduct	*-4.49*	
32 92 19 13-0026	MSF	Ladino Clover Mix, Hydro Or Air Seeding	57.69	
		Note: 7 LB/MSF spread rate.		
		For Spot Areas Up To 1 MSF, Add	*64.59*	
		For >1 To 4 MSF, Add	*41.73*	
		For >4 To 7.5 MSF, Add	*28.41*	
		For >7.5 To 10 MSF, Add	*14.21*	
		For >45, Deduct	*-4.77*	
32 92 19 13-0027	MSF	60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Hydro Or Air Spread	60.54	
		Note: 4 LB/MSF spread rate.		
		For Spot Areas Up To 1 MSF, Add	*65.73*	
		For >1 To 4 MSF, Add	*42.30*	
		For >4 To 7.5 MSF, Add	*28.70*	
		For >7.5 To 10 MSF, Add	*14.35*	
		For >45, Deduct	*-4.91*	

32 92 19 19 Seeding By Hand *(32 92 19)*

Note: Includes fertilizing, liming, mixing, seeding and initial watering. Excludes straw.

32 92 19 19-0001 Push Spreader Or Hand Seeding *(32 92 19 19)*

Note: Excludes straw.

32 92 19 19-0002	MSF	Common Bluegrass, Push Spreader Or Hand	79.43	
		Note: 4 LB/MSF spread rate.		
		For > 5 To 20, Deduct	*-5.63*	
		For >20 To 45, Deduct	*-10.93*	
		For >45, Deduct	*-17.89*	
32 92 19 19-0003	MSF	Tall Fescue, Push Spreader Or Hand	73.92	
		Note: 5.5 LB/MSF spread rate.		
		For > 5 To 20, Deduct	*-5.35*	
		For >20 To 45, Deduct	*-10.52*	
		For >45, Deduct	*-17.34*	
32 92 19 19-0004	MSF	Rye, Push Spreader Or Hand	74.31	
		Note: 10 LB/MSF spread rate.		
		For > 5 To 20, Deduct	*-5.37*	
		For >20 To 45, Deduct	*-10.55*	
		For >45, Deduct	*-17.38*	
32 92 19 19-0005	MSF	Shade Mix, Push Spreader Or Hand	76.30	
		Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.		
		For > 5 To 20, Deduct	*-5.47*	
		For >20 To 45, Deduct	*-10.70*	
		For >45, Deduct	*-17.58*	
32 92 19 19-0006	MSF	Turf Mix, Push Spreader Or Hand	77.72	
		Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
		For > 5 To 20, Deduct	*-5.54*	
		For >20 To 45, Deduct	*-10.80*	
		For >45, Deduct	*-17.72*	
32 92 19 19-0007	MSF	Slope Mix, Push Spreader Or Hand	75.82	
		Note: 6 LB/MSF spread rate.		
		For > 5 To 20, Deduct	*-5.45*	
		For >20 To 45, Deduct	*-10.66*	
		For >45, Deduct	*-17.53*	
32 92 19 19-0008	MSF	Utility Mix, Push Spreader Or Hand	73.45	
		Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
		For > 5 To 20, Deduct	*-5.33*	
		For >20 To 45, Deduct	*-10.48*	
		For >45, Deduct	*-17.29*	
32 92 19 19-0009	MSF	Wild Flower Mix, Push Spreader Or Hand	68.98	
		Note: 0.10 LB/MSF spread rate.		
		For > 5 To 20, Deduct	*-5.11*	
		For >20 To 45, Deduct	*-10.15*	
		For >45, Deduct	*-16.85*	
32 92 19 19-0010	MSF	Crown Vetch Mix, Push Spreader Or Hand	104.32	
		Note: 4 LB/MSF spread rate.		
		For > 5 To 20, Deduct	*-6.87*	
		For >20 To 45, Deduct	*-12.80*	
		For >45, Deduct	*-20.38*	
32 92 19 19-0011	MSF	Athletic Mix, Push Spreader Or Hand	83.42	
		Note: 8 LB/MSF spread rate. Mixture of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
		For > 5 To 20, Deduct	*-5.83*	
		For >20 To 45, Deduct	*-11.23*	
		For >45, Deduct	*-18.29*	
32 92 19 19-0012	MSF	White Clover Mix, Push Spreader Or Hand	68.93	
		Note: 7 LB/MSF spread rate.		
		For > 5 To 20, Deduct	*-5.10*	
		For >20 To 45, Deduct	*-10.14*	
		For >45, Deduct	*-16.84*	
32 92 19 19-0013	MSF	Ladino Clover Mix, Push Spreader Or Hand	70.83	
		Note: 7 LB/MSF spread rate.		
		For > 5 To 20, Deduct	*-5.20*	
		For >20 To 45, Deduct	*-10.29*	
		For >45, Deduct	*-17.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 19-0014	MSF	100% Kentucky Bluegrass, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	80.33	
		For > 5 To 20, Deduct	*-5.67*	
		For >20 To 45, Deduct	*-11.00*	
		For >45, Deduct	*-17.98*	
32 92 19 19-0015	MSF	70% Kentucky Bluegrass And 30% Fescue, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	77.72	
		For > 5 To 20, Deduct	*-5.54*	
		For >20 To 45, Deduct	*-10.80*	
		For >45, Deduct	*-17.72*	
32 92 19 19-0016	MSF	50% Kentucky Bluegrass And 50% Fescue, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	75.82	
		For > 5 To 20, Deduct	*-5.45*	
		For >20 To 45, Deduct	*-10.66*	
		For >45, Deduct	*-17.53*	
32 92 19 19-0017	MSF	50% Kentucky Bluegrass And 50% Perennial Rye, Push Spreader Or Hand Note: 4.4 LB/MSF spread rate.	79.62	
		For > 5 To 20, Deduct	*-5.64*	
		For >20 To 45, Deduct	*-10.95*	
		For >45, Deduct	*-17.91*	
32 92 19 19-0018	MSF	60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	76.77	
		For > 5 To 20, Deduct	*-5.50*	
		For >20 To 45, Deduct	*-10.73*	
		For >45, Deduct	*-17.63*	
32 92 19 19-0019	MSF	40% Creeping Red Fescue, 30% Kentucky Bluegrass, 10% Red Top, And 20% Blue Tag Perennial Rye, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	77.72	
		For > 5 To 20, Deduct	*-5.54*	
		For >20 To 45, Deduct	*-10.80*	
		For >45, Deduct	*-17.72*	

32 92 23 Sodding *(32 92)*

Note: Includes raking preparation, rolling of sod and sanding seams for (up to 16" wide by 24" long) squares or (up to 24" wide by 54" long) rolls.

32 92 23 00-0001 Tall Fescue Sod *(32 92 23)*

32 92 23 00-0002	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Level Ground	944.29	
		For Hybrid Fescue "Marathon", Add	*42.59*	
32 92 23 00-0003	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Level Ground	911.88	
		For Hybrid Fescue "Marathon", Add	*42.59*	
32 92 23 00-0004	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Level Ground	842.45	
		For Hybrid Fescue "Marathon", Add	*42.59*	
32 92 23 00-0005	MSF	>8,000 SF, Tall Fescue Sod, Installed On Level Ground	814.68	
		For Hybrid Fescue "Marathon", Add	*42.59*	
32 92 23 00-0006	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Sloped Ground	1,203.50	
		For Hybrid Fescue "Marathon", Add	*42.59*	
32 92 23 00-0007	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Sloped Ground	1,132.81	
		For Hybrid Fescue "Marathon", Add	*42.59*	
32 92 23 00-0008	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Sloped Ground	994.87	
		For Hybrid Fescue "Marathon", Add	*42.59*	
32 92 23 00-0009	MSF	>8,000 SF, Tall Fescue Sod, Installed On Sloped Ground	944.29	
		For Hybrid Fescue "Marathon", Add	*42.59*	

32 92 26 Sprigging, 1" Deep *(32 92)*

Note: Includes fine grade and soil preparation.

32 92 26 00-0001 Bermuda Or Centipede Sprigging *(32 92 26)*

32 92 26 00-0002 6" On Center Sprigging *(32 92 26 00-0001)*

32 92 26 00-0003	MSF	Sprigging By Hand, 6" On Center	179.62
32 92 26 00-0004	MSF	Sprigging By Walk Behind Sprig Planter, 6" On Center	31.87
32 92 26 00-0005	MSF	Sprigging By Towed Sprig Planter, 6" On Center	25.86

32 92 26 00-0006 9" On Center Sprigging *(32 92 26 00-0001)*

32 92 26 00-0007	MSF	Sprigging By Hand, 9" On Center	137.56
32 92 26 00-0008	MSF	Sprigging By Walk Behind Sprig Planter, 9" On Center	24.59
32 92 26 00-0009	MSF	Sprigging By Towed Sprig Planter, 9" On Center	19.28

32 92 26 00-0010 12" On Center Sprigging *(32 92 26 00-0001)*

32 92 26 00-0011	MSF	Sprigging By Hand, 12" On Center	114.42
32 92 26 00-0012	MSF	Sprigging By Walk Behind Sprig Planter, 12" On Center	16.28
32 92 26 00-0013	MSF	Sprigging By Towed Sprig Planter, 12" On Center	12.20

32 93 Plants *(32 90)*

32 93 13 Ground Covers *(32 93)*

Note: Materials only.

32 93 13 00-0001	EA	1 Quart Baccharis Pilularis - Dwarf Coyote Bush	2.20
32 93 13 00-0002	EA	1 Gallon Baccharis Pilularis - Dwarf Coyote Bush	3.81
32 93 13 00-0003	EA	1 Quart Carex 'Bowles Golden' - Variegated Japanese Sedge	7.77
32 93 13 00-0004	EA	1 Gallon Carex 'Bowles Golden' - Variegated Japanese Sedge	10.12
32 93 13 00-0005	EA	2 Gallon Juniperus horizontalis 'Plumosa Compacta' - Andorra Creeping Juniper	12.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0006	EA	1 Quart Waldsteinia ternata - Barren Strawberry	2.20	
32 93 13 00-0007	EA	1 Gallon Waldsteinia ternata - Barren Strawberry	5.28	
32 93 13 00-0008	EA	1 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	7.19	
32 93 13 00-0009	EA	2 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	13.64	
32 93 13 00-0010	EA	5 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	24.05	
32 93 13 00-0011	EA	1 Gallon Liriope muscari 'Big Blue' - Big Blue Liriope	2.46	
32 93 13 00-0012	EA	1 Gallon Distictis buccinatoria - Blood Red Trumpet Vine	4.55	
32 93 13 00-0013	EA	5 Gallon Distictis buccinatoria - Blood Red Trumpet Vine	15.99	
32 93 13 00-0014	EA	1 Quart Koeleria glauca - Blue Hair Grass	3.08	
32 93 13 00-0015	EA	1 Gallon Koeleria glauca - Blue Hair Grass	5.50	
32 93 13 00-0016	EA	3 Gallon Koeleria glauca - Blue Hair Grass	10.12	
32 93 13 00-0017	EA	1 Gallon Juniperus horizontalis "Wiltoni' - Blue Rug Juniper	5.97	
32 93 13 00-0018	EA	4" Pot Parthenocissus tricuspidata - Boston Ivy	3.67	
32 93 13 00-0019	EA	1 Gallon Parthenocissus tricuspidata - Boston Ivy	8.36	
32 93 13 00-0020	EA	5 Gallon Parthenocissus tricuspidata - Boston Ivy	22.88	
32 93 13 00-0021	EA	3 Gallon Bougainvillea spectabilis - Bougainvillea	7.69	
32 93 13 00-0022	EA	1 Quart Iberis sempervirens - Candytuft	2.20	
32 93 13 00-0023	EA	1 Gallon Iberis sempervirens - Candytuft	5.28	
32 93 13 00-0024	EA	1 Gallon Gelsemium sempervirens - Carolina Jessamine	5.28	
32 93 13 00-0025	EA	5 Gallon Gelsemium sempervirens - Carolina Jessamine	19.07	
32 93 13 00-0026	EA	3" Pot Ajuga reptans - Carpet Bugle	1.32	
32 93 13 00-0027	EA	1 Quart Ajuga reptans - Carpet Bugle	2.20	
32 93 13 00-0028	EA	1 Gallon Ajuga reptans - Carpet Bugle	5.28	
32 93 13 00-0029	EA	24 Plant Flat Ajuga reptans - Carpet Bugle	22.73	
32 93 13 00-0030	EA	1 Gallon Macfadyena unguis-cati - Cat Claw Vine	5.28	
32 93 13 00-0031	EA	5 Gallon Macfadyena unguis-cati - Cat Claw Vine	22.88	
32 93 13 00-0032	EA	1 Gallon Wisteria sinensis - Chinese Wisteria Vine	6.89	
32 93 13 00-0033	EA	3 Gallon Wisteria sinensis - Chinese Wisteria Vine	15.25	
32 93 13 00-0034	EA	5 Gallon Wisteria sinensis - Chinese Wisteria Vine	22.88	
32 93 13 00-0035	EA	1 Gallon Ranunculaceae - Clematis Varieties	7.58	
32 93 13 00-0036	EA	2 Gallon Ranunculaceae - Clematis Varieties	14.02	
32 93 13 00-0037	EA	1 Gallon Hydrangea petiolaris - Climbing Hydrangea	9.53	
32 93 13 00-0038	EA	2 Gallon Hydrangea petiolaris - Climbing Hydrangea	17.89	
32 93 13 00-0039	EA	5 Gallon Hydrangea petiolaris - Climbing Hydrangea	29.33	
32 93 13 00-0040	EA	4" Pot Lantana camera - Common Lantana	1.32	
32 93 13 00-0041	EA	1 Gallon Lantana camera - Common Lantana	3.81	
32 93 13 00-0042	EA	1 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	4.55	
32 93 13 00-0043	EA	5 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	14.96	
32 93 13 00-0044	EA	2 Quart Lysimachia nummularia - Creeping Jenny	2.20	
32 93 13 00-0045	EA	1 Gallon Lysimachia nummularia - Creeping Jenny	4.25	
32 93 13 00-0046	EA	2 Quart Liriope spicata - Creeping Lilytuft	3.81	
32 93 13 00-0047	EA	1 Gallon Liriope spicata - Creeping Lilytuft	6.89	
32 93 13 00-0048	EA	5 Gallon Liriope spicata - Creeping Lilytuft	14.52	
32 93 13 00-0049	EA	Bare Root Liriope spicata - Creeping Liriope	0.96	
32 93 13 00-0050	EA	3" Pot Rosmarinus officinalis 'Prostratus' - Creeping Rosemary	1.32	
32 93 13 00-0051	EA	1 Gallon Rosmarinus officinalis 'Prostratus' - Creeping Rosemary	5.28	
32 93 13 00-0052	EA	2-1/4" Pot Securigera varia - Crown Vetch	0.88	
32 93 13 00-0053	EA	50 Plant Flat Securigera varia - Crown Vetch	29.77	
32 93 13 00-0054	EA	1 Quart Senecio cineraria - Dusty Miller	2.20	
32 93 13 00-0055	EA	1 Gallon Senecio cineraria - Dusty Miller	5.28	
32 93 13 00-0056	EA	2 Gallon Aristolochia macrophylla - Dutchman's Pipe	18.33	
32 93 13 00-0057	EA	5 Gallon Aristolochia macrophylla - Dutchman's Pipe	33.59	
32 93 13 00-0058	EA	1 Gallon Ilex cornuta - Dwarf Holly	3.98	
32 93 13 00-0059	EA	3 Gallon Ilex cornuta - Dwarf Holly	8.54	
32 93 13 00-0060	EA	3 Gallon Raphiolepis umbellata 'Minor' - Dwarf Indian Hawthorn	8.54	
32 93 13 00-0061	EA	1 Gallon Tradescantia spathacea - Dwarf Oyster Plant	2.85	
32 93 13 00-0062	EA	2" To 3" Pot Hedera helix - English Ivy	1.32	
32 93 13 00-0063	EA	12" To 15" Runners Hedera helix - English Ivy	2.20	
32 93 13 00-0064	EA	1 Gallon Hedera helix - English Ivy	5.28	
32 93 13 00-0065	EA	50 Plant Flat Hedera helix - English Ivy	30.51	
32 93 13 00-0066	EA	4" Pot Lavandula angustifolia - English Lavender	1.91	
32 93 13 00-0067	EA	1 Quart Lavandula angustifolia - English Lavender	3.67	
32 93 13 00-0068	EA	1 Gallon Lavandula angustifolia - English Lavender	6.01	
32 93 13 00-0069	EA	1 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	5.72	
32 93 13 00-0070	EA	2 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	11.44	
32 93 13 00-0071	EA	1 Quart Pennisetum setaceum - Fountain Grass	3.45	
32 93 13 00-0072	EA	1 Gallon Pennisetum setaceum - Fountain Grass	5.50	
32 93 13 00-0073	EA	3 Gallon Pennisetum setaceum - Fountain Grass	10.12	
32 93 13 00-0074	EA	1 Quart Stipa gigantea - Giant Feather Grass	7.77	
32 93 13 00-0075	EA	1 Gallon Stipa gigantea - Giant Feather Grass	11.73	
32 93 13 00-0076	EA	1 Quart Arundo donax - Giant Reed	7.04	
32 93 13 00-0077	EA	1 Gallon Arundo donax - Giant Reed	10.12	
32 93 13 00-0078	EA	1 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle	6.01	
32 93 13 00-0079	EA	2 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle	11.44	
32 93 13 00-0080	EA	1 Quart Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	7.77	
32 93 13 00-0081	EA	1 Gallon Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	11.73	
32 93 13 00-0082	EA	3" Pot Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	1.32	
32 93 13 00-0083	EA	1 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	6.01	
32 93 13 00-0084	EA	2 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	11.44	
32 93 13 00-0085	EA	1 Gallon Hardenbergia violacea - Happy Wanderer	5.28	
32 93 13 00-0086	EA	5 Gallon Hardenbergia violacea - Happy Wanderer	17.60	
32 93 13 00-0087	EA	3 Gallon Hibiscus, Assorted Colors	6.88	
32 93 13 00-0088	EA	1 Quart Imperata cylindrica - Japanese Blood Grass	4.33	
32 93 13 00-0089	EA	1 Gallon Imperata cylindrica - Japanese Blood Grass	6.23	
32 93 13 00-0090	EA	2 Gallon Imperata cylindrica - Japanese Blood Grass	8.58	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0091	EA	1 Gallon Acorus gramineus - Japanese Sweet Flag	5.50	
32 93 13 00-0092	EA	1 Gallon Jasminum volubile - Wax Jasmine	2.77	
32 93 13 00-0093	EA	1 Gallon Jasminum volubile - Wax Jasmine	6.88	
32 93 13 00-0094	EA	1 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper	3.45	
32 93 13 00-0095	EA	3 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper	7.69	
32 93 13 00-0096	EA	1 Gallon Cissus antarctica - Kangaroo Vine	4.25	
32 93 13 00-0097	EA	5 Gallon Cissus antarctica - Kangaroo Vine	13.35	
32 93 13 00-0098	EA	1 Quart Stachys byzantina - Lamb's Ear	2.20	
32 93 13 00-0099	EA	1 Quart Stachys byzantina - Lamb's Ear	5.28	
32 93 13 00-0100	EA	1 Gallon Lantana spp. Various Colors	3.11	
32 93 13 00-0101	EA	1 Gallon Lantana sellowiana - Trailing Lantana	2.05	
32 93 13 00-0102	EA	1 Gallon Cocculus laurifolius - Laurel-leaf Snailseed	4.25	
32 93 13 00-0103	EA	5 Gallon Cocculus laurifolius - Laurel-leaf Snailseed	15.25	
32 93 13 00-0104	EA	1 Gallon Liriope Evergreen Giant, 6 To 8 Bibs Minimum	3.11	
32 93 13 00-0105	EA	1 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	3.93	
32 93 13 00-0106	EA	3 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	6.28	
32 93 13 00-0107	EA	1 Gallon Miscanthus sinensis 'Gracillimus' - Maiden Grass	8.58	
32 93 13 00-0108	EA	3 Gallon Miscanthus sinensis 'Gracillimus' - Maiden Grass	14.81	
32 93 13 00-0109	EA	5 Gallon Miscanthus sinensis 'Gracillimus' - Maiden Grass	19.51	
32 93 13 00-0110	EA	1 Quart Moss Phlox, Creeping Phlox	2.20	
32 93 13 00-0111	EA	1 Gallon Moss Phlox, Creeping Phlox	5.28	
32 93 13 00-0112	EA	1 Gallon Nephrolepis exaltata - Common Boston Fern	2.77	
32 93 13 00-0113	EA	4" Pot Ophiopogon Japonicus - Mondo grass	1.32	
32 93 13 00-0114	EA	1 Gallon Ophiopogon Japonicus - Mondo grass	5.28	
32 93 13 00-0115	EA	5 Gallon Ophiopogon Japonicus - Mondo grass	12.17	
32 93 13 00-0116	EA	2' To 3' High Oregon Holly-Grape	6.09	
32 93 13 00-0117	EA	1 Gallon Pachysandra terminalis - Pachysandra	7.94	
32 93 13 00-0118	EA	1 Gallon Cortaderia selloana - Pampas Grass	7.04	
32 93 13 00-0119	EA	2 Gallon Cortaderia selloana - Pampas Grass	8.58	
32 93 13 00-0120	EA	3 Gallon Cortaderia selloana - Pampas Grass	10.12	
32 93 13 00-0121	EA	10 Gallon Cortaderia selloana - Pampas Grass	38.87	
32 93 13 00-0122	EA	2-1/4" Pot Vinca minor - Periwinkle	0.73	
32 93 13 00-0123	EA	4" Pot Vinca minor - Periwinkle	2.20	
32 93 13 00-0124	EA	Bare Root Vinca minor - Periwinkle	0.73	
32 93 13 00-0125	EA	1 Quart Nepeta mussinii - Persian Catmint	2.20	
32 93 13 00-0126	EA	1 Gallon Nepeta mussinii - Persian Catmint	4.55	
32 93 13 00-0127	EA	1 Gallon Coprosma kirkii - Prostrate Coprosma	3.67	
32 93 13 00-0128	EA	5 Gallon Coprosma kirkii - Prostrate Coprosma	13.35	
32 93 13 00-0129	EA	1 Gallon Juniperus Horizontalis - Prostrate Juniper	6.01	
32 93 13 00-0130	EA	3 Gallon Juniperus Horizontalis - Prostrate Juniper	12.91	
32 93 13 00-0131	EA	5 Gallon Juniperus Horizontalis - Prostrate Juniper	19.07	
32 93 13 00-0132	EA	1 Quart Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	5.24	
32 93 13 00-0133	EA	1 Gallon Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	13.57	
32 93 13 00-0134	EA	24 Plant Flat Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	22.73	
32 93 13 00-0135	EA	1 Gallon Saccharum ravennae - Ravenna Grass	7.04	
32 93 13 00-0136	EA	3 Gallon Saccharum ravennae - Ravenna Grass	10.12	
32 93 13 00-0137	EA	7 Gallon Saccharum ravennae - Ravenna Grass	19.51	
32 93 13 00-0138	EA	1 Gallon Tradescantia spathacea - Rhoeo Discolor "Dwarf"	2.77	
32 93 13 00-0139	EA	1 Quart Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	3.08	
32 93 13 00-0140	EA	1 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	5.50	
32 93 13 00-0141	EA	2 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	8.58	
32 93 13 00-0142	EA	1 Gallon Hymenocallis latifolia - Spider Lily	3.41	
32 93 13 00-0143	EA	3 Gallon Hymenocallis latifolia - Spider Lily	9.10	
32 93 13 00-0144	EA	1 Quart Hypericum perforatum - St. John's Wort	2.20	
32 93 13 00-0145	EA	1 Gallon Hypericum perforatum - St. John's Wort	5.28	
32 93 13 00-0146	EA	5 Gallon Hypericum perforatum - St. John's Wort	13.64	
32 93 13 00-0147	EA	24" To 30" High Viburnum awabuki - Sweet Viburnum	18.56	
32 93 13 00-0148	EA	1 Gallon Campsis radicans - Trumpet Creeper	8.07	
32 93 13 00-0149	EA	2 Gallon Campsis radicans - Trumpet Creeper	12.17	
32 93 13 00-0150	EA	5 Gallon Campsis radicans - Trumpet Creeper	29.33	
32 93 13 00-0151	EA	1 Gallon Spartina pectinata - Variegated Cord Grass	6.23	
32 93 13 00-0152	EA	2 Gallon Spartina pectinata - Variegated Cord Grass	10.12	
32 93 13 00-0153	EA	2-1/4" Pot Vinca major - Variegated Greater Periwinkle	0.73	
32 93 13 00-0154	EA	4" Pot Vinca major - Variegated Greater Periwinkle	2.20	
32 93 13 00-0155	EA	Bare Root Vinca major - Variegated Greater Periwinkle	0.73	
32 93 13 00-0156	EA	1 Quart Carex hachijoensis - Variegated Japanese Sedge	3.96	
32 93 13 00-0157	EA	1 Gallon Carex hachijoensis - Variegated Japanese Sedge	5.50	
32 93 13 00-0158	EA	2 Gallon Carex hachijoensis - Variegated Japanese Sedge	8.58	
32 93 13 00-0159	EA	1 Gallon Liriope muscari 'Variegata' - Variegated Lilyturf	6.01	
32 93 13 00-0160	EA	2 Quart Verbena peruviana "St. Paul" - St. Paul Verbena	2.79	
32 93 13 00-0161	EA	1 Gallon Verbena peruviana "St. Paul" - St. Paul Verbena	4.25	
32 93 13 00-0162	EA	48 Plant Flat Vinca minor - Lesser Periwinkle	26.14	
32 93 13 00-0163	EA	3" Pot Parthenocissus quinquefolia - Virginia Creeper	1.32	
32 93 13 00-0164	EA	1 Gallon Parthenocissus quinquefolia - Virginia Creeper	6.89	
32 93 13 00-0165	EA	1 Gallon Jasminum polyanthum - Winter Jasmine	5.28	
32 93 13 00-0166	EA	2 Gallon Jasminum polyanthum - Winter Jasmine	10.56	
32 93 13 00-0167	EA	5 Gallon Jasminum polyanthum - Winter Jasmine	18.33	
32 93 13 00-0168	EA	1 Gallon Cistaceae - Wrinkleleaf Rock Rose	4.25	
32 93 13 00-0169	EA	5 Gallon Wrinkleleaf Rock Rose	14.52	
32 93 13 00-0170	EA	1 Gallon Miscanthus sinensis 'Zebrinus' - Zebra Grass	8.58	
32 93 13 00-0171	EA	3 Gallon Miscanthus sinensis 'Zebrinus' - Zebra Grass	14.81	
32 93 13 00-0172	EA	5 Gallon Miscanthus sinensis 'Zebrinus' - Zebra Grass	19.51	

32 93 23 Plants And Bulbs *(32 93)*

Note: Materials only.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0001		Perennials *(32 93 23)*		
32 93 23 00-0002	EA	2 Quart Assorted Daylilies	4.25	
32 93 23 00-0003	EA	1 Gallon Assorted Daylilies	6.01	
32 93 23 00-0004	EA	2 Gallon Assorted Daylilies	9.97	
32 93 23 00-0005	EA	1 Quart Azure Penstemon	2.20	
32 93 23 00-0006	EA	1 Gallon Azure Penstemon	5.50	
32 93 23 00-0007	EA	1 Quart Balloon Flower	2.20	
32 93 23 00-0008	EA	1 Gallon Balloon Flower	5.50	
32 93 23 00-0009	EA	1 Quart Black-eyed Susan	2.20	
32 93 23 00-0010	EA	1 Gallon Black-eyed Susan	5.50	
32 93 23 00-0011	EA	2 Gallon Black-eyed Susan	7.11	
32 93 23 00-0012	EA	1 Quart Blackberry Lily	2.20	
32 93 23 00-0013	EA	1 Gallon Blackberry Lily	5.50	
32 93 23 00-0014	EA	1 Quart Blank Flower	2.20	
32 93 23 00-0015	EA	1 Gallon Blank Flower	5.06	
32 93 23 00-0016	EA	2 Gallon Blank Flower	7.11	
32 93 23 00-0017	EA	1 Quart Blazing Star, Gayfeather	2.20	
32 93 23 00-0018	EA	1 Gallon Blazing Star, Gayfeather	5.50	
32 93 23 00-0019	EA	1 Quart Bloodred Geranium	3.74	
32 93 23 00-0020	EA	1 Gallon Bloodred Geranium	6.31	
32 93 23 00-0021	EA	1 Quart Blue Plumbago	2.20	
32 93 23 00-0022	EA	1 Gallon Blue Plumbago	5.50	
32 93 23 00-0023	EA	1 Quart Blue Star	3.96	
32 93 23 00-0024	EA	1 Gallon Blue Star	6.31	
32 93 23 00-0025	EA	1 Quart Cardinal Flower	2.20	
32 93 23 00-0026	EA	1 Gallon Cardinal Flower	5.50	
32 93 23 00-0027	EA	4" Pot Columbine	1.32	
32 93 23 00-0028	EA	1 Quart Columbine	2.20	
32 93 23 00-0029	EA	1 Gallon Columbine	5.50	
32 93 23 00-0030	EA	1 Quart Common Globeflower	2.20	
32 93 23 00-0031	EA	1 Gallon Common Globeflower	5.50	
32 93 23 00-0032	EA	1 Quart Cottage Pink, Scotch Pink	2.20	
32 93 23 00-0033	EA	1 Quart Cottage Pink, Scotch Pink	5.50	
32 93 23 00-0034	EA	1 Gallon Astilbe 'Deutschland'	7.92	
32 93 23 00-0035	EA	1 Quart Diploid	2.79	
32 93 23 00-0036	EA	1 Gallon Diploid	6.31	
32 93 23 00-0037	EA	3 Gallon Diploid	10.85	
32 93 23 00-0038	EA	4" Pot Dune Sunflower	3.14	
32 93 23 00-0039	EA	1 Quart Evans Begonia	3.96	
32 93 23 00-0040	EA	1 Gallon Evans Begonia	7.11	
32 93 23 00-0041	EA	1 Quart False Dragonhead	2.20	
32 93 23 00-0042	EA	1 Gallon False Dragonhead	5.50	
32 93 23 00-0043	EA	1 Quart False Spirea	2.20	
32 93 23 00-0044	EA	1 Gallon False Spirea	7.11	
32 93 23 00-0045	EA	3 Gallon False Spirea	9.83	
32 93 23 00-0046	EA	2 Quart False Sunflower	3.52	
32 93 23 00-0047	EA	1 Gallon False Sunflower	5.50	
32 93 23 00-0048	EA	2 Gallon False Sunflower	7.11	
32 93 23 00-0049	EA	1 Gallon Foxglove	5.06	
32 93 23 00-0050	EA	2 Gallon Foxglove	7.11	
32 93 23 00-0051	EA	3 Gallon Foxglove	10.27	
32 93 23 00-0052	EA	1 Gallon Francee Hostas	8.91	
32 93 23 00-0053	EA	1 Quart Garden Phlox	2.20	
32 93 23 00-0054	EA	1 Gallon Garden Phlox	5.50	
32 93 23 00-0055	EA	2 Quart Golden Groundsel	4.69	
32 93 23 00-0056	EA	2 Gallon Golden Groundsel	9.46	
32 93 23 00-0057	EA	1 Quart Golden Star	2.20	
32 93 23 00-0058	EA	1 Gallon Golden Star	5.50	
32 93 23 00-0059	EA	1 Quart Goldenrod	2.20	
32 93 23 00-0060	EA	1 Gallon Goldenrod	5.50	
32 93 23 00-0061	EA	1 Gallon Happy Returns Daylillies	10.24	
32 93 23 00-0062	EA	4" Pot Hardy Aster, Michaelmas Daisy	1.32	
32 93 23 00-0063	EA	1 Quart Hardy Aster, Michaelmas Daisy	2.20	
32 93 23 00-0064	EA	1 Gallon Hardy Aster, Michaelmas Daisy	5.50	
32 93 23 00-0065	EA	1 Quart Hardy Chrysanthemum	1.91	
32 93 23 00-0066	EA	6" To 8" Pot Hardy Chrysanthemum	3.15	
32 93 23 00-0067	EA	1 Gallon Hardy Chrysanthemum	5.06	
32 93 23 00-0068	EA	1 Gallon Herbaceous Peony	7.85	
32 93 23 00-0069	EA	2 Gallon Herbaceous Peony	12.54	
32 93 23 00-0070	EA	3 Gallon Herbaceous Peony	16.50	
32 93 23 00-0071	EA	4" Pot Japanese Anemone	1.32	
32 93 23 00-0072	EA	1 Quart Japanese Anemone	3.96	
32 93 23 00-0073	EA	2 Gallon Japanese Anemone	7.11	
32 93 23 00-0074	EA	2" Pot Japanese Spurge	0.78	
32 93 23 00-0075	EA	6" Pot Japanese Spurge	1.17	
32 93 23 00-0076	EA	1 Gallon Japanese Spurge	5.05	
32 93 23 00-0077	EA	1 Quart Oriental Poppy	3.15	
32 93 23 00-0078	EA	1 Gallon Oriental Poppy	6.31	
32 93 23 00-0079	EA	48 Plant Flat Pachysandra terminalis	26.14	
32 93 23 00-0080	EA	1 Gallon Pacific Coast Iris	4.33	
32 93 23 00-0081	EA	3 Gallon Pacific Coast Iris	8.21	
32 93 23 00-0082	EA	1 Gallon Palace Purple Coral Bells	8.33	
32 93 23 00-0083	EA	4" Pot Perennial Salvia	1.32	
32 93 23 00-0084	EA	1 Quart Perennial Salvia	2.20	
32 93 23 00-0085	EA	1 Gallon Perennial Salvia	5.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0086	EA	1 Quart Pincushion Flower	2.20	
32 93 23 00-0087	EA	1 Gallon Pincushion Flower	5.50	
32 93 23 00-0088	EA	2 Quart Plantain Lily	4.25	
32 93 23 00-0089	EA	1 Gallon Plantain Lily	6.01	
32 93 23 00-0090	EA	2 Gallon Plantain Lily	9.97	
32 93 23 00-0091	EA	3 Gallon Plantain Lily	18.85	
32 93 23 00-0092	EA	2 Quart Purple Coneflower	3.96	
32 93 23 00-0093	EA	1 Gallon Purple Coneflower	5.50	
32 93 23 00-0094	EA	2 Gallon Purple Coneflower	7.11	
32 93 23 00-0095	EA	1 Quart Purple Loosestrife	2.20	
32 93 23 00-0096	EA	1 Gallon Purple Loosestrife	5.50	
32 93 23 00-0097	EA	1 Quart Rose Mallow	4.33	
32 93 23 00-0098	EA	2 Gallon Rose Mallow	7.85	
32 93 23 00-0099	EA	3 Gallon Rose Mallow	13.42	
32 93 23 00-0100	EA	1 Gallon Autumn Joy Sedum	8.39	
32 93 23 00-0101	EA	1 Quart Siberian Iris	3.74	
32 93 23 00-0102	EA	2 Gallon Siberian Iris	7.11	
32 93 23 00-0103	EA	3 Gallon Siberian Iris	9.83	
32 93 23 00-0104	EA	1 Quart Speedwell	2.20	
32 93 23 00-0105	EA	1 Gallon Speedwell	5.50	
32 93 23 00-0106	EA	1 Quart Tetraploid	5.50	
32 93 23 00-0107	EA	1 Gallon Tetraploid	10.27	
32 93 23 00-0108	EA	3 Gallon Tetraploid	14.01	
32 93 23 00-0109	EA	1 Quart Threadleaf Coreopsis	2.20	
32 93 23 00-0110	EA	1 Gallon Threadleaf Coreopsis	5.50	
32 93 23 00-0111	EA	1 Quart Torch Lily	2.20	
32 93 23 00-0112	EA	1 Quart Bluebeard	3.96	
32 93 23 00-0113	EA	1 Gallon Bluebeard	5.87	
32 93 23 00-0114	EA	2 Gallon Bluebeard	8.58	

32 93 23 00-0115 Annuals *(32 93 23)*

32 93 23 00-0116	EA	2-1/2" Pot Annual Flowers	1.02	
32 93 23 00-0117	EA	3" Pot Annual Flowers	1.38	
32 93 23 00-0118	EA	4" Pot Annual Flowers	2.95	
32 93 23 00-0119	EA	5-1/2" Pot Annual Flowers	3.92	
32 93 23 00-0120	EA	6" Pot Annual Flowers	7.77	
32 93 23 00-0121	EA	8" Pot Annual Flowers	12.95	
32 93 23 00-0122	EA	36 Plant Flat Annual Flowers	16.96	
32 93 23 00-0123	EA	48 Plant Flat Annual Flowers	19.23	

32 93 23 00-0124 Bulbs *(32 93 23)*

32 93 23 00-0125	EA	Top Size Allium giganteum - Giant Ornamental Onion	3.55	
32 93 23 00-0126	EA	Top Size Allium sphaerocephalum - Drumstick Ornamental Onion	0.20	
32 93 23 00-0127	LOT	Lot Of 100 Top Size Crocus Hybrid	23.21	
32 93 23 00-0128	LOT	Lot Of 100 Top Size Eranthis hyemalis - Winter Aconite	30.03	
32 93 23 00-0129	LOT	Lot Of 100 Top Size Galanthus nivalis - Snowdrops	38.23	
32 93 23 00-0130	LOT	Lot Of 100 Top Size Iris reticulata cvs - Dutch Iris	15.02	
32 93 23 00-0131	LOT	Lot Of 100 Top Size Muscari armeniacum - Grape Hyacinth	17.75	
32 93 23 00-0132	LOT	Lot Of 100 Top Size Muscari latifolium - Grape Hyacinth	20.48	
32 93 23 00-0133	LOT	Lot Of 50 Narcissus 'Carlton' - Carlton Daffodil DNI	61.43	
32 93 23 00-0134	LOT	Lot Of 50 Narcissus 'Dutch Master' - Dutch Master Daffodil DNI	29.35	
32 93 23 00-0135	LOT	Lot Of 50 Narcissus 'February Gold' - February Gold Daffodil DNI	30.72	
32 93 23 00-0136	LOT	Lot Of 50 Narcissus 'Ice Follies' - Ice Follies Daffodil DNI	30.72	
32 93 23 00-0137	LOT	Lot Of 50 Narcissus 'Mount Hood' - Mount Hood Daffodil DNI	32.08	
32 93 23 00-0138	LOT	Lot Of 50 Narcissus 'Papillon Blanc' - Papillon Blanc Daffodil DNI	34.13	
32 93 23 00-0139	LOT	Lot Of 50 Narcissus 'Pipit' - Pipit Daffodil DNI	32.08	
32 93 23 00-0140	LOT	Lot Of 50 Narcissus 'Salome' - Salome Daffodil DNI	30.03	
32 93 23 00-0141	LOT	Lot Of 50 Narcissus 'Tete A Tete' - Tete A Tete Daffodil DNI	32.08	
32 93 23 00-0142	LOT	Lot Of 50 Narcissus 'Thalia' - Thalia Daffodil DNI	32.08	
32 93 23 00-0143	LOT	Lot Of 100 Top Size Scilla siberica - Siberian Squill	19.11	
32 93 23 00-0144	LOT	Lot Of 60 Top Size Tulip 'Angelique' - Angelique Tulip	32.77	
32 93 23 00-0145	LOT	Lot Of 60 Top Size Tulip 'Apeldoorn' - Apeldoorn Tulip	24.57	
32 93 23 00-0146	LOT	Lot Of 100 Top Size Tulip 'Apricot Beauty' - Apricot Beauty Tulip	54.61	
32 93 23 00-0147	LOT	Lot Of 100 Top Size Tulip 'Big Smile' - Big Smile Tulip	47.78	
32 93 23 00-0148	LOT	Lot Of 100 Top Size Tulip 'Black Parrot' - Black Parrot Tulip	68.26	
32 93 23 00-0149	LOT	Lot Of 100 Top Size Tulip 'Blue Heron' - Blue Heron Tulip	51.88	
32 93 23 00-0150	LOT	Lot Of 100 Top Size Tulip 'Cardinal' - Cardinal Tulip	45.05	
32 93 23 00-0151	LOT	Lot Of 100 Top Size Tulip 'Christmas Marvel' - Christmas Marvel Tulip	50.51	
32 93 23 00-0152	LOT	Lot Of 100 Top Size Tulip clusiana - Species Tulip	50.51	
32 93 23 00-0153	LOT	Lot Of 60 Top Size Tulip 'Elizabeth Arden' - Elizabeth Arden Tulip	30.31	
32 93 23 00-0154	LOT	Lot Of 60 Top Size Tulip 'Golden Apledoorn' - Golden Apledoorn Tulip	24.57	
32 93 23 00-0155	LOT	Lot Of 60 Top Size Tulip 'Golden Emperor' - Golden Emperor Tulip	23.75	
32 93 23 00-0156	LOT	Lot Of 100 Top Size Tulip 'Halcro' - Halcro Tulip	40.96	
32 93 23 00-0157	LOT	Lot Of 60 Top Size Tulip 'Ivory Floridale' - Ivory FloradaleTulip	40.96	
32 93 23 00-0158	LOT	Lot Of 60 Top Size Tulip 'Orange Emperor' - Orange Emperor Tulip	24.57	
32 93 23 00-0159	LOT	Lot Of 100 Top Size Tulip 'Passionale' - Passionale Tulip	54.61	
32 93 23 00-0160	LOT	Lot Of 60 Top Size Tulip 'Peach Blossom' - Peach Blossom Tulip	35.22	
32 93 23 00-0161	LOT	Lot Of 100 Top Size Tulip 'Peer Gynt' - Peer Gynt Tulip	61.43	
32 93 23 00-0162	LOT	Lot Of 100 Top Size Tulip 'Pink Diamond' - Pink Diamond Tulip	49.15	
32 93 23 00-0163	LOT	Lot Of 60 Top Size Tulip 'Pink Emperor' - Pink Emperor Tulip	27.85	
32 93 23 00-0164	LOT	Lot Of 60 Top Size Tulip praetens 'Fusilier' - Praetens Fusilier Tulip	30.31	
32 93 23 00-0165	LOT	Lot Of 60 Top Size Tulip 'Princeps' - Princeps Tulip	30.31	
32 93 23 00-0166	LOT	Lot Of 100 Top Size Tulip 'Red Riding Hood' - Red Riding Hood Tulip	39.59	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0167	LOT	Lot Of 100 Top Size Tulip saxatilis - Species Tulip	27.30	
32 93 23 00-0168	LOT	Lot Of 100 Top Size Tulip 'Shirley - Shirley Tulip	40.96	
32 93 23 00-0169	LOT	Lot Of 100 Top Size Tulip 'Spring Green' - Spring Green Tulip	53.24	
32 93 23 00-0170	LOT	Lot Of 60 Top Size Tulip 'White Emperor' - White Emperor Tulip	24.57	

32 93 33 Shrubs *(32 93)*

Note: (cvs = cultivar) materials only.

32 93 33 00-0001 Shrubs *(32 93 33)*

32 93 33 00-0002	EA	1 Gallon Abelia x grandiflora - Abelia	3.30	
32 93 33 00-0003	EA	3 Gallon Abelia x grandiflora - Abelia	6.72	
32 93 33 00-0004	EA	5 Gallon Abelia x grandiflora - Abelia	12.90	
32 93 33 00-0005	EA	3 Gallon Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	85.85	
32 93 33 00-0006	EA	18" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	125.47	
32 93 33 00-0007	EA	24" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	139.99	
32 93 33 00-0008	EA	30" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	176.97	
32 93 33 00-0009	EA	36" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	196.78	
32 93 33 00-0010	EA	18" B&B Aesculus parviflora - Bottlebrush Buckeye	39.62	
32 93 33 00-0011	EA	24" B&B Aesculus parviflora - Bottlebrush Buckeye	52.83	
32 93 33 00-0012	EA	30" B&B Aesculus parviflora - Bottlebrush Buckeye	66.03	
32 93 33 00-0013	EA	36" B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry	52.83	
32 93 33 00-0014	EA	48" B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry	66.03	
32 93 33 00-0015	EA	60" B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry	81.88	
32 93 33 00-0016	EA	60" B&B Amelanchier arborea & cvs - Downy Serviceberry	66.03	
32 93 33 00-0017	EA	72" B&B Amelanchier arborea & cvs - Downy Serviceberry	79.24	
32 93 33 00-0018	EA	7' B&B Amelanchier arborea & cvs - Downy Serviceberry	92.45	
32 93 33 00-0019	EA	8' B&B Amelanchier arborea & cvs - Downy Serviceberry	105.66	
32 93 33 00-0020	EA	5' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	118.86	
32 93 33 00-0021	EA	6' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	132.07	
32 93 33 00-0022	EA	7' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	151.88	
32 93 33 00-0023	EA	8' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	171.69	
32 93 33 00-0024	EA	9' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	198.10	
32 93 33 00-0025	EA	7' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	151.88	
32 93 33 00-0026	EA	8' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	178.29	
32 93 33 00-0027	EA	9' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	204.71	
32 93 33 00-0028	EA	10' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	224.52	
32 93 33 00-0029	EA	30" B&B Amelanchier stolonifera & cvs - Running Serviceberry	52.83	
32 93 33 00-0030	EA	48" B&B Amelanchier stolonifera & cvs - Running Serviceberry	112.26	
32 93 33 00-0031	EA	60" B&B Amelanchier stolonifera & cvs - Running Serviceberry	145.28	
32 93 33 00-0032	EA	2' To 4' Amelemchier - Juneberry	16.08	
32 93 33 00-0033	EA	4' To 5' Amelemchier - Juneberry	16.87	
32 93 33 00-0034	EA	5' To 6' Amelemchier - Juneberry	20.08	
32 93 33 00-0035	EA	6' To 8' Amelemchier - Juneberry	23.96	
32 93 33 00-0036	EA	36" B&B Aronia arbutifolia & cvs - Red Chokeberry	22.45	
32 93 33 00-0037	EA	42" B&B Aronia arbutifolia & cvs - Red Chokeberry	26.41	
32 93 33 00-0038	EA	48" B&B Aronia arbutifolia & cvs - Red Chokeberry	31.70	
32 93 33 00-0039	EA	60" B&B Aronia arbutifolia & cvs - Red Chokeberry	36.98	
32 93 33 00-0040	EA	72" B&B Aronia arbutifolia & cvs - Red Chokeberry	44.90	
32 93 33 00-0041	EA	36" B&B Aronia melanocarpa & cvs - Black Chokeberry	21.79	
32 93 33 00-0042	EA	42" B&B Aronia melanocarpa & cvs - Black Chokeberry	23.11	
32 93 33 00-0043	EA	48" B&B Aronia melanocarpa & cvs - Black Chokeberry	24.43	
32 93 33 00-0044	EA	60" B&B Aronia melanocarpa & cvs - Black Chokeberry	27.73	
32 93 33 00-0045	EA	36" B&B Aronia prunifolia - Purple-Fruited Chokeberry	22.12	
32 93 33 00-0046	EA	42" B&B Aronia prunifolia - Purple-Fruited Chokeberry	23.44	
32 93 33 00-0047	EA	48" B&B Aronia prunifolia - Purple-Fruited Chokeberry	24.76	
32 93 33 00-0048	EA	60" B&B Aronia prunifolia - Purple-Fruited Chokeberry	26.08	
32 93 33 00-0049	EA	1 Gallon Aspidistra elatior - Cast Iron Plant	4.54	
32 93 33 00-0050	EA	2 Gallon Aspidistra elatior - Cast Iron Plant	10.50	
32 93 33 00-0051	EA	1 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	5.32	
32 93 33 00-0052	EA	3 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	11.71	
32 93 33 00-0053	EA	5 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	15.82	
32 93 33 00-0054	EA	1 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush	5.68	
32 93 33 00-0055	EA	2 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush	8.30	
32 93 33 00-0056	EA	15" To 18" Berberis - Northern Bayberry	23.69	
32 93 33 00-0057	EA	2' To 2-1/2' Berberis - Northern Bayberry	30.08	
32 93 33 00-0058	EA	2-1/2' To 3' Berberis - Northern Bayberry	42.14	
32 93 33 00-0059	EA	18" To 24" Berberis julianae - Dwarf Wintergreen Barberry	25.33	
32 93 33 00-0060	EA	2' To 2-1/2' Berberis julianae - Dwarf Wintergreen Barberry	32.42	
32 93 33 00-0061	EA	2-1/2' To 3' Berberis julianae - Dwarf Wintergreen Barberry	41.43	
32 93 33 00-0062	EA	1 Gallon Berberis thunbergii - Crimson Pygmy Barberry	6.81	
32 93 33 00-0063	EA	2 Gallon Berberis thunbergii - Crimson Pygmy Barberry	13.41	
32 93 33 00-0064	EA	3 Gallon Berberis thunbergii - Crimson Pygmy Barberry	16.39	
32 93 33 00-0065	EA	1 Gallon Berberis x mentorensis - Mentor Barberry	6.46	
32 93 33 00-0066	EA	5 Gallon Berberis x mentorensis - Mentor Barberry	18.23	
32 93 33 00-0067	EA	2' To 3' Berberis x mentorensis - Mentor Barberry	25.33	
32 93 33 00-0068	EA	3' To 4' Berberis x mentorensis - Mentor Barberry	39.09	
32 93 33 00-0069	EA	1 Gallon Buxus microphylla japonica - Japanese Boxwood	7.38	
32 93 33 00-0070	EA	5 Gallon Buxus microphylla japonica - Japanese Boxwood	19.79	
32 93 33 00-0071	EA	12" To 15" Buxus microphylla japonica - Japanese Boxwood	21.07	
32 93 33 00-0072	EA	15" To 18" Buxus microphylla japonica - Japanese Boxwood	27.10	
32 93 33 00-0073	EA	18" To 24" Buxus microphylla japonica - Japanese Boxwood	36.11	
32 93 33 00-0074	EA	24" To 30" Buxus microphylla japonica - Japanese Boxwood	54.20	
32 93 33 00-0075	EA	30" To 36" Buxus microphylla japonica - Japanese Boxwood	75.27	
32 93 33 00-0076	EA	12" To 15" Buxus sempervirens - Common Boxwood	21.07	
32 93 33 00-0077	EA	15" To 18" Buxus sempervirens - Common Boxwood	27.10	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0078	EA	18" To 24" Buxus sempervirens - Common Boxwood	36.11	
32 93 33 00-0079	EA	24" To 30" Buxus sempervirens - Common Boxwood	54.20	
32 93 33 00-0080	EA	2 Gallon Buxus Hybrid - Boxwood Cultivars	13.87	
32 93 33 00-0081	EA	5 Gallon Buxus Hybrid - Boxwood Cultivars	23.11	
32 93 33 00-0082	EA	5 Gallon Buxus microphylla & cvs - Little leaf Boxwood	60.75	
32 93 33 00-0083	EA	18" B&B Buxus microphylla & cvs - Little leaf Boxwood	33.02	
32 93 33 00-0084	EA	24" B&B Buxus microphylla & cvs - Little leaf Boxwood	44.90	
32 93 33 00-0085	EA	30" B&B Buxus microphylla & cvs - Little leaf Boxwood	60.75	
32 93 33 00-0086	EA	5 Gallon Calycanthus floridus - Common Sweetshrub	21.79	
32 93 33 00-0087	EA	30" B&B Calycanthus floridus - Common Sweetshrub	19.81	
32 93 33 00-0088	EA	36" B&B Calycanthus floridus - Common Sweetshrub	26.41	
32 93 33 00-0089	EA	1 Gallon Camellia "Sasanqua" - Camellia	5.32	
32 93 33 00-0090	EA	3 Gallon Camellia "Sasanqua" - Camellia	11.35	
32 93 33 00-0091	EA	5 Gallon Camellia "Sasanqua" - Camellia	18.87	
32 93 33 00-0092	EA	7 Gallon Camellia "Sasanqua" - Camellia	28.10	
32 93 33 00-0093	EA	15 Gallon Camellia "Sasanqua" - Camellia	72.90	
32 93 33 00-0094	EA	1 Gallon Camellia japonica - Camellia	5.32	
32 93 33 00-0095	EA	3 Gallon Camellia japonica - Camellia	11.35	
32 93 33 00-0096	EA	5 Gallon Camellia japonica - Camellia	18.87	
32 93 33 00-0097	EA	5 Gallon Ceanothus americanus - New Jersey Tea	21.79	
32 93 33 00-0098	EA	5 Gallon Celastrus scandens - Bittersweet	21.79	
32 93 33 00-0099	EA	36" B&B Celastrus scandens - Bittersweet	18.49	
32 93 33 00-0100	EA	5 Gallon Cephalanthus occidentalis - Buttonbush	21.79	
32 93 33 00-0101	EA	24" B&B Cephalanthus occidentalis - Buttonbush	16.51	
32 93 33 00-0102	EA	30" B&B Cephalanthus occidentalis - Buttonbush	18.49	
32 93 33 00-0103	EA	36" B&B Cephalanthus occidentalis - Buttonbush	19.81	
32 93 33 00-0104	EA	18" To 24" Chaenomeles speciosa - Flowering Quince	19.01	
32 93 33 00-0105	EA	2' To 3' Chaenomeles speciosa - Flowering Quince	25.33	
32 93 33 00-0106	EA	3' To 4' Chaenomeles speciosa - Flowering Quince	39.09	
32 93 33 00-0107	EA	3 Gallon Clethra alnifolia & cvs - Summersweet Clethra	21.13	
32 93 33 00-0108	EA	18" B&B Clethra alnifolia & cvs - Summersweet Clethra	22.78	
32 93 33 00-0109	EA	24" B&B Clethra alnifolia & cvs - Summersweet Clethra	25.42	
32 93 33 00-0110	EA	30" B&B Clethra alnifolia & cvs - Summersweet Clethra	26.74	
32 93 33 00-0111	EA	36" B&B Clethra alnifolia & cvs - Summersweet Clethra	31.37	
32 93 33 00-0112	EA	2' To 3' Cornus mas - Cornelian Cherry	30.08	
32 93 33 00-0113	EA	3' To 4' Cornus mas - Cornelian Cherry	37.60	
32 93 33 00-0114	EA	4' To 5' Cornus mas - Cornelian Cherry	48.17	
32 93 33 00-0115	EA	5' To 6' Cornus mas - Cornelian Cherry	66.19	
32 93 33 00-0116	EA	5 Gallon Cornus alba & cvs - Tartarian Dogwood	19.81	
32 93 33 00-0117	EA	36" B&B Cornus alba & cvs - Tartarian Dogwood	13.87	
32 93 33 00-0118	EA	48" B&B Cornus alba & cvs - Tartarian Dogwood	15.85	
32 93 33 00-0119	EA	60" B&B Cornus alba & cvs - Tartarian Dogwood	19.81	
32 93 33 00-0120	EA	72" B&B Cornus alba & cvs - Tartarian Dogwood	23.77	
32 93 33 00-0121	EA	36" B&B Cornus amomum - Silky Dogwood	19.81	
32 93 33 00-0122	EA	5 Gallon Cornus obliqua - Blue Fruited Dogwood	21.79	
32 93 33 00-0123	EA	5 Gallon Cornus racemosa - Gray Dogwood	21.79	
32 93 33 00-0124	EA	36" B&B Cornus racemosa - Gray Dogwood	19.81	
32 93 33 00-0125	EA	48" B&B Cornus racemosa - Gray Dogwood	23.11	
32 93 33 00-0126	EA	60" B&B Cornus racemosa - Gray Dogwood	25.09	
32 93 33 00-0127	EA	72" B&B Cornus racemosa - Gray Dogwood	30.38	
32 93 33 00-0128	EA	36" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood	21.46	
32 93 33 00-0129	EA	48" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood	24.10	
32 93 33 00-0130	EA	60" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood	27.40	
32 93 33 00-0131	EA	24" B&B Cornus sericea & cvs - Redosier Dogwood	17.17	
32 93 33 00-0132	EA	30" B&B Cornus sericea & cvs - Redosier Dogwood	19.81	
32 93 33 00-0133	EA	36" B&B Cornus sericea & cvs - Redosier Dogwood	21.13	
32 93 33 00-0134	EA	48" B&B Cornus sericea & cvs - Redosier Dogwood	23.11	
32 93 33 00-0135	EA	60" B&B Cornus sericea & cvs - Redosier Dogwood	25.75	
32 93 33 00-0136	EA	5 Gallon Corylus americana - American Filbert	20.47	
32 93 33 00-0137	EA	30" B&B Corylus americana - American Filbert	23.11	
32 93 33 00-0138	EA	36" B&B Corylus americana - American Filbert	24.76	
32 93 33 00-0139	EA	48" B&B Corylus americana - American Filbert	26.74	
32 93 33 00-0140	EA	24" B&B Corylus avellena - Contorted Hazelnut	66.03	
32 93 33 00-0141	EA	30" B&B Corylus avellena - Contorted Hazelnut	85.85	
32 93 33 00-0142	EA	36" B&B Corylus avellena - Contorted Hazelnut	92.45	
32 93 33 00-0143	EA	42" B&B Corylus avellena - Contorted Hazelnut	118.86	
32 93 33 00-0144	EA	48" B&B Corylus avellena - Contorted Hazelnut	145.28	
32 93 33 00-0145	EA	60" B&B Corylus avellena - Contorted Hazelnut	165.09	
32 93 33 00-0146	EA	5' To 6' Cotinus coggygria - Smoke Tree	63.21	
32 93 33 00-0147	EA	6' To 8' Cotinus coggygria - Smoke Tree	94.78	
32 93 33 00-0148	EA	8' To 10' Cotinus coggygria - Smoke Tree	142.94	
32 93 33 00-0149	EA	5 Gallon Cotoneaster acutifolia & cvs - Peking Cotoneaster	16.51	
32 93 33 00-0150	EA	18" B&B Cotoneaster acutifolia & cvs - Peking Cotoneaster	16.51	
32 93 33 00-0151	EA	24" B&B Cotoneaster acutifolia & cvs - Peking Cotoneaster	17.17	
32 93 33 00-0152	EA	12" To 15" Spread Cotoneaster adpressus - Creeping Cotoneaster	15.82	
32 93 33 00-0153	EA	3 Gallon Cotoneaster apiculata & cvs - Cranberry Cotoneaster	17.17	
32 93 33 00-0154	EA	18" B&B Cotoneaster apiculata & cvs - Cranberry Cotoneaster	16.51	
32 93 33 00-0155	EA	24" B&B Cotoneaster apiculata & cvs - Cranberry Cotoneaster	17.17	
32 93 33 00-0156	EA	1 Gallon Cotoneaster divaricatus - Spreading Cotoneaster	6.81	
32 93 33 00-0157	EA	2' To 3' Cotoneaster divaricatus - Spreading Cotoneaster	21.07	
32 93 33 00-0158	EA	3' To 4' Cotoneaster divaricatus - Spreading Cotoneaster	28.45	
32 93 33 00-0159	EA	4' To 5' Cotoneaster divaricatus - Spreading Cotoneaster	48.17	
32 93 33 00-0160	EA	1 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	6.81	
32 93 33 00-0161	EA	2 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	13.41	
32 93 33 00-0162	EA	18" B&B Deutzia gracilis - Slender Deutzia	16.84	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0163	EA	24" B&B Deutzia gracilis - Slender Deutzia	18.49	
32 93 33 00-0164	EA	30" B&B Deutzia gracilis - Slender Deutzia	23.77	
32 93 33 00-0165	EA	36" B&B Deutzia gracilis - Slender Deutzia	27.73	
32 93 33 00-0166	EA	42" B&B Deutzia gracilis - Slender Deutzia	31.70	
32 93 33 00-0167	EA	24" B&B Diervilla sessilifolia - Southern Bush Honeysuckle	26.41	
32 93 33 00-0168	EA	30" B&B Diervilla sessilifolia - Southern Bush Honeysuckle	31.70	
32 93 33 00-0169	EA	36" B&B Diervilla sessilifolia - Southern Bush Honeysuckle	36.98	
32 93 33 00-0170	EA	2 Gallon Diervilla splendens - Splendens Bush Honeysuckle	9.91	
32 93 33 00-0171	EA	36" B&B Diervilla splendens - Splendens Bush Honeysuckle	23.77	
32 93 33 00-0172	EA	48" B&B Diervilla splendens - Splendens Bush Honeysuckle	31.70	
32 93 33 00-0173	EA	3' To 4' Elaeagnus umbellata - Autumn Olive	19.72	
32 93 33 00-0174	EA	4' To 5' Elaeagnus umbellata - Autumn Olive	27.10	
32 93 33 00-0175	EA	5' To 6' Elaeagnus umbellata - Autumn Olive	32.42	
32 93 33 00-0176	EA	3' To 4' Elaeagnus angustiflolia - Russian Olive	31.57	
32 93 33 00-0177	EA	1 Gallon Euonymus - Gold Spot	5.68	
32 93 33 00-0178	EA	2 Gallon Euonymus - Gold Spot	11.92	
32 93 33 00-0179	EA	5 Gallon Euonymus - Gold Spot	16.39	
32 93 33 00-0180	EA	1 Gallon Euonymus alatus - Winged Euonymus	4.84	
32 93 33 00-0181	EA	3 Gallon Euonymus alatus - Winged Euonymus	13.97	
32 93 33 00-0182	EA	24" B&B Euonymus alatus - Winged Euonymus	18.83	
32 93 33 00-0183	EA	30" B&B Euonymus alatus - Winged Euonymus	23.54	
32 93 33 00-0184	EA	36" B&B Euonymus alatus - Winged Euonymus	32.35	
32 93 33 00-0185	EA	42" B&B Euonymus alatus - Winged Euonymus	39.94	
32 93 33 00-0186	EA	48" B&B Euonymus alatus - Winged Euonymus	47.08	
32 93 33 00-0187	EA	54" B&B Euonymus alatus - Winged Euonymus	60.75	
32 93 33 00-0188	EA	5 Gallon Euonymus alatus - Winged Euonymus	17.47	
32 93 33 00-0189	EA	60" B&B Euonymus alatus - Winged Euonymus	75.94	
32 93 33 00-0190	EA	30" B&B Euonymus alatus compactus - Compact Winged Euonymus	29.72	
32 93 33 00-0191	EA	36" B&B Euonymus alatus compactus - Compact Winged Euonymus	35.33	
32 93 33 00-0192	EA	42" B&B Euonymus alatus compactus - Compact Winged Euonymus	46.22	
32 93 33 00-0193	EA	48" B&B Euonymus alatus compactus - Compact Winged Euonymus	55.47	
32 93 33 00-0194	EA	60" B&B Euonymus alatus compactus - Compact Winged Euonymus	68.68	
32 93 33 00-0195	EA	36" B&B Euonymus atropurpurea - Eastern Wahoo	17.83	
32 93 33 00-0196	EA	1 Gallon Euonymus fortunei - Wintercreeper	6.81	
32 93 33 00-0197	EA	2 Gallon Euonymus fortunei - Wintercreeper	13.41	
32 93 33 00-0198	EA	3 Gallon Euonymus fortunei - Wintercreeper	16.39	
32 93 33 00-0199	EA	5 Gallon Euonymus fortunei - Wintercreeper	19.44	
32 93 33 00-0200	EA	2' To 3' Forsythia - Korean Forsythia	15.04	
32 93 33 00-0201	EA	3' To 4' Forsythia - Korean Forsythia	19.01	
32 93 33 00-0202	EA	4' To 5' Forsythia - Korean Forsythia	23.69	
32 93 33 00-0203	EA	30" B&B Forsythia cvs - Forsythia cultivars	15.19	
32 93 33 00-0204	EA	36" B&B Forsythia cvs - Forsythia cultivars	16.84	
32 93 33 00-0205	EA	48" B&B Forsythia cvs - Forsythia cultivars	18.16	
32 93 33 00-0206	EA	18" B&B Forsythia viridissima & cvs - Green Forsythia	15.85	
32 93 33 00-0207	EA	24" B&B Forsythia viridissima & cvs - Green Forsythia	21.13	
32 93 33 00-0208	EA	24" B&B Forsythia x intermedia & cvs - Border Forsythia	15.85	
32 93 33 00-0209	EA	30" B&B Forsythia x intermedia & cvs - Border Forsythia	18.49	
32 93 33 00-0210	EA	36" B&B Forsythia x intermedia & cvs - Border Forsythia	21.79	
32 93 33 00-0211	EA	42" B&B Forsythia x intermedia & cvs - Border Forsythia	25.09	
32 93 33 00-0212	EA	48" B&B Forsythia x intermedia & cvs - Border Forsythia	29.06	
32 93 33 00-0213	EA	2 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	22.45	
32 93 33 00-0214	EA	3 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	31.37	
32 93 33 00-0215	EA	5 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	33.02	
32 93 33 00-0216	EA	15" B&B Fothergilla gardenii & cvs - Dwarf Fothergilla	34.34	
32 93 33 00-0217	EA	18" B&B Fothergilla gardenii & cvs - Dwarf Fothergilla	36.98	
32 93 33 00-0218	EA	24" B&B Fothergilla gardenii & cvs - Dwarf Fothergilla	44.90	
32 93 33 00-0219	EA	24" B&B Fothergilla major - Large Fothergilla	58.11	
32 93 33 00-0220	EA	30" B&B Fothergilla major - Large Fothergilla	66.03	
32 93 33 00-0221	EA	1 Gallon Gardenia jasminoides - Cape Jasmine	4.90	
32 93 33 00-0222	EA	3 Gallon Gardenia jasminoides - Cape Jasmine	12.84	
32 93 33 00-0223	EA	5 Gallon Gardenia jasminoides - Cape Jasmine	16.39	
32 93 33 00-0224	EA	36" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	46.22	
32 93 33 00-0225	EA	48" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	75.28	
32 93 33 00-0226	EA	60" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	95.09	
32 93 33 00-0227	EA	72" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	145.28	
32 93 33 00-0228	EA	84" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	165.09	
32 93 33 00-0229	EA	1 Gallon Hedychuium gartdnerum - Variegated Ginger	2.81	
32 93 33 00-0230	EA	3 Gallon Hedychuium gartdnerum - Variegated Ginger	9.87	
32 93 33 00-0231	EA	5 Gallon Hedychuium gartdnerum - Variegated Ginger	18.98	
32 93 33 00-0232	EA	1 Gallon Hibiscus rosa-sinensis - Hibiscus	7.20	
32 93 33 00-0233	EA	3 Gallon Hibiscus rosa-sinensis - Hibiscus	12.15	
32 93 33 00-0234	EA	5 Gallon Hibiscus rosa-sinensis - Hibiscus	18.38	
32 93 33 00-0235	EA	5 Gallon Hibiscus syriacus - Rose Of Sharon	19.01	
32 93 33 00-0236	EA	2' To 3' Hibiscus syriacus - Rose Of Sharon	16.17	
32 93 33 00-0237	EA	3' To 4' Hibiscus syriacus - Rose Of Sharon	21.85	
32 93 33 00-0238	EA	4' To 5' Hibiscus syriacus - Rose Of Sharon	31.57	
32 93 33 00-0239	EA	5' To 6' Hibiscus syriacus - Rose Of Sharon	43.63	
32 93 33 00-0240	EA	2 Gallon Hydrangea - Blue Hydrangea	13.41	
32 93 33 00-0241	EA	5 Gallon Hydrangea - Blue Hydrangea	18.87	
32 93 33 00-0242	EA	2' To 3' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea	21.07	
32 93 33 00-0243	EA	3' To 4' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea	24.05	
32 93 33 00-0244	EA	2 Gallon Hydrangea quercifloia - Oakleaf Hydrangea	13.41	
32 93 33 00-0245	EA	5 Gallon Hydrangea arborescens & cvs - Smooth Hydrangea	23.11	
32 93 33 00-0246	EA	30" B&B Hydrangea arborescens & cvs - Smooth Hydrangea	25.09	
32 93 33 00-0247	EA	36" B&B Hydrangea arborescens & cvs - Smooth Hydrangea	29.06	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0248	EA	4 Gallon Hydrangea macrophylla & cvs - Bigleaf Hydrangea	30.38	
32 93 33 00-0249	EA	18" B&B Hydrangea macrophylla & cvs - Bigleaf Hydrangea	23.77	
32 93 33 00-0250	EA	24" B&B Hydrangea macrophylla & cvs - Bigleaf Hydrangea	31.70	
32 93 33 00-0251	EA	3 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	13.87	
32 93 33 00-0252	EA	5 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	16.51	
32 93 33 00-0253	EA	18" B&B Hydrangea paniculata & cvs - Panicle Hydrangea	14.20	
32 93 33 00-0254	EA	24" B&B Hydrangea paniculata & cvs - Panicle Hydrangea	15.19	
32 93 33 00-0255	EA	30" B&B Hydrangea paniculata & cvs - Panicle Hydrangea	17.17	
32 93 33 00-0256	EA	36" B&B Hydrangea paniculata & cvs - Panicle Hydrangea	19.81	
32 93 33 00-0257	EA	48" B&B Hydrangea paniculata & cvs - Panicle Hydrangea	26.41	
32 93 33 00-0258	EA	18" B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea	19.15	
32 93 33 00-0259	EA	24" B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea	21.79	
32 93 33 00-0260	EA	30" B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea	25.75	
32 93 33 00-0261	EA	2 Gallon Hypericum kalmianum - St. John's Wort	13.41	
32 93 33 00-0262	EA	3 Gallon Hypericum kalmianun - Kalm St. John's Wort	15.85	
32 93 33 00-0263	EA	24" B&B Hypericum kalmianun - Kalm St. John's Wort	17.17	
32 93 33 00-0264	EA	1 Gallon Ilex "Carissa" - Holly	6.81	
32 93 33 00-0265	EA	2 Gallon Ilex "Carissa" - Holly	13.41	
32 93 33 00-0266	EA	5 Gallon Ilex "Carissa" - Holly	18.87	
32 93 33 00-0267	EA	18" To 24" Ilex - Gulftide Sweet Holly	18.09	
32 93 33 00-0268	EA	2' To 2-1/2' Ilex - Gulftide Sweet Holly	22.91	
32 93 33 00-0269	EA	2-1/2' To 3' Ilex - Gulftide Sweet Holly	29.72	
32 93 33 00-0270	EA	3' To 3-1/2' Ilex - Gulftide Sweet Holly	36.11	
32 93 33 00-0271	EA	3 Gallon Ilex cornuta - Dwarf Horned Holly	13.51	
32 93 33 00-0272	EA	1 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	6.81	
32 93 33 00-0273	EA	2 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	13.41	
32 93 33 00-0274	EA	5 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	19.44	
32 93 33 00-0275	EA	1 Gallon Ilex crenata - Hellers Japanese Holly	6.81	
32 93 33 00-0276	EA	2 Gallon Ilex crenata - Hellers Japanese Holly	14.90	
32 93 33 00-0277	EA	3 Gallon Ilex crenata - Hellers Japanese Holly	19.44	
32 93 33 00-0278	EA	2 Gallon Ilex crenata - Hetzi Japanese Holly	14.90	
32 93 33 00-0279	EA	3 Gallon Ilex crenata - Hetzi Japanese Holly	17.95	
32 93 33 00-0280	EA	2' To 3' Ilex crenata - Hetzi Japanese Holly	36.11	
32 93 33 00-0281	EA	3' To 4' Ilex crenata - Hetzi Japanese Holly	48.17	
32 93 33 00-0282	EA	2' To 3' Ilex opaca - American Holly	48.17	
32 93 33 00-0283	EA	3' To 4' Ilex opaca - American Holly	79.74	
32 93 33 00-0284	EA	4' To 5' Ilex opaca - American Holly	102.30	
32 93 33 00-0285	EA	5' To 6' Ilex opaca - American Holly	123.36	
32 93 33 00-0286	EA	6' To 7' Ilex opaca - American Holly	173.02	
32 93 33 00-0287	EA	7' To 8' Ilex opaca - American Holly	240.77	
32 93 33 00-0288	EA	8' To 10' Ilex opaca - American Holly	346.04	
32 93 33 00-0289	EA	10' To 12' Ilex opaca - American Holly	526.66	
32 93 33 00-0290	EA	12' To 14' Ilex opaca - American Holly	639.45	
32 93 33 00-0291	EA	14' To 16' Ilex opaca - American Holly	789.91	
32 93 33 00-0292	EA	2' To 3' Ilex verticillata - Winterberry (Female)	48.17	
32 93 33 00-0293	EA	3' To 4' Ilex verticillata - Winterberry (Female)	63.21	
32 93 33 00-0294	EA	2' To 3' Ilex verticillata - Winterberry (Male)	39.09	
32 93 33 00-0295	EA	3' To 4' Ilex verticillata - Winterberry (Male)	54.20	
32 93 33 00-0296	EA	4' To 5' Ilex verticillata - Winterberry (Male)	63.21	
32 93 33 00-0297	EA	1 Gallon Ilex vomitoria - Yaupon Holly	6.38	
32 93 33 00-0298	EA	3 Gallon Ilex vomitoria - Yaupon Holly	12.84	
32 93 33 00-0299	EA	10 Gallon Ilex vomitoria - Yaupon Holly	45.12	
32 93 33 00-0300	EA	18" B&B Ilex glabra compacta & cvs - Compact Inkberry Holly	20.47	
32 93 33 00-0301	EA	24" B&B Ilex glabra compacta & cvs - Compact Inkberry Holly	23.11	
32 93 33 00-0302	EA	3 Gallon Ilex meserveae & cvs - Blue Holly	26.41	
32 93 33 00-0303	EA	18" B&B Ilex meserveae & cvs - Blue Holly	24.43	
32 93 33 00-0304	EA	24" B&B Ilex meservae & cvs - Blue Holly	29.72	
32 93 33 00-0305	EA	5 Gallon Ilex verticillata & cvs - Common Winterberry	21.79	
32 93 33 00-0306	EA	24" B&B Ilex verticillata & cvs - Common Winterberry	21.79	
32 93 33 00-0307	EA	30" B&B Ilex verticillata & cvs - Common Winterberry	23.11	
32 93 33 00-0308	EA	36" B&B Ilex verticillata & cvs - Common Winterberry	27.73	
32 93 33 00-0309	EA	42" B&B Ilex verticillata & cvs - Common Winterberry	31.04	
32 93 33 00-0310	EA	48" B&B Ilex verticillata & cvs - Common Winterberry	33.02	
32 93 33 00-0311	EA	60" B&B Ilex verticillata & cvs - Common Winterberry	42.26	
32 93 33 00-0312	EA	4' To 5' Ilex x attenuata "Foster" - Holly	78.25	
32 93 33 00-0313	EA	5' To 6' Ilex x attenuata "Foster" - Holly	103.78	
32 93 33 00-0314	EA	6' To 7' Ilex x attenuata "Foster" - Holly	92.86	
32 93 33 00-0315	EA	7' To 8' Ilex x attenuata "Foster" - Holly	180.54	
32 93 33 00-0316	EA	1 Gallon Jasimnum - Jasmine	1.75	
32 93 33 00-0317	EA	3 Gallon Jasimnum - Jasmine	6.83	
32 93 33 00-0318	EA	3 Gallon Jasimnum - Orange Jasmine	5.32	
32 93 33 00-0319	EA	4' - 5' Jasimnum - Orange Jasmine	60.75	
32 93 33 00-0320	EA	6' - 7' Jasimnum - Orange Jasmine	121.50	
32 93 33 00-0321	EA	8' - 10' Jasimnum - Orange Jasmine	164.03	
32 93 33 00-0322	EA	3 Gallon Juniperus chinesis cvs - Chinese Juniper	23.11	
32 93 33 00-0323	EA	5 Gallon Juniperus chinesis cvs - Chinese Juniper	25.75	
32 93 33 00-0324	EA	18" B&B Juniperus chinesis cvs - Chinese Juniper	34.34	
32 93 33 00-0325	EA	24" B&B Juniperus chinesis cvs - Chinese Juniper	44.90	
32 93 33 00-0326	EA	30" B&B Juniperus chinesis cvs - Chinese Juniper	52.83	
32 93 33 00-0327	EA	36" B&B Juniperus chinesis cvs - Chinese Juniper	71.32	
32 93 33 00-0328	EA	48" B&B Juniperus chinesis cvs - Chinese Juniper	97.73	
32 93 33 00-0329	EA	1 Gallon Juniperus horizontalis cvs - Creeping Juniper	11.01	
32 93 33 00-0330	EA	3 Gallon Juniperus horizontalis cvs - Creeping Juniper	23.11	
32 93 33 00-0331	EA	5 Gallon Juniperus horizontalis cvs - Creeping Juniper	25.75	
32 93 33 00-0332	EA	15" B&B Juniperus horizontalis cvs - Creeping Juniper	27.73	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0333	EA	18" B&B Juniperus horizontalis cvs - Creeping Juniper	30.38	
32 93 33 00-0334	EA	24" B&B Juniperus horizontalis cvs - Creeping Juniper	36.98	
32 93 33 00-0335	EA	30" B&B Juniperus horizontalis cvs - Creeping Juniper	44.90	
32 93 33 00-0336	EA	3 Gallon Juniperus procumbens cvs - Japanese Garden Juniper	17.83	
32 93 33 00-0337	EA	18" B&B Juniperus procumbens cvs - Japanese Garden Juniper	21.13	
32 93 33 00-0338	EA	24" B&B Juniperus procumbens cvs - Japanese Garden Juniper	29.06	
32 93 33 00-0339	EA	30" B&B Juniperus procumbens cvs - Japanese Garden Juniper	36.98	
32 93 33 00-0340	EA	36" B&B Juniperus procumbens cvs - Japanese Garden Juniper	44.90	
32 93 33 00-0341	EA	3 Gallon Juniperus sabina cvs - Savin Juniper	16.51	
32 93 33 00-0342	EA	5 Gallon Juniperus sabina cvs - Savin Juniper	19.81	
32 93 33 00-0343	EA	4 Gallon Juniperus virginiana cvs - Red Cedar Juniper	17.17	
32 93 33 00-0344	EA	36" B&B Juniperus virginiana cvs - Red Cedar Juniper	33.02	
32 93 33 00-0345	EA	48" B&B Juniperus virginiana cvs - Red Cedar Juniper	51.51	
32 93 33 00-0346	EA	60" B&B Juniperus virginiana cvs - Red Cedar Juniper	64.71	
32 93 33 00-0347	EA	15" To 18" Kalmia latifolia - Mountain Laurel	27.10	
32 93 33 00-0348	EA	18" To 24" Kalmia latifolia - Mountain Laurel	36.11	
32 93 33 00-0349	EA	2' To 3' Kalmia latifolia - Mountain Laurel	52.64	
32 93 33 00-0350	EA	4' To 5' Kalmia latifolia - Mountain Laurel	96.26	
32 93 33 00-0351	EA	5' To 6' Kalmia latifolia - Mountain Laurel	147.48	
32 93 33 00-0352	EA	6' To 8' Kalmia latifolia - Mountain Laurel	225.73	
32 93 33 00-0353	EA	1 Gallon Kerria japonica - Kerria	6.03	
32 93 33 00-0354	EA	5 Gallon Kerria japonica - Kerria	18.87	
32 93 33 00-0355	EA	24" B&B Kolkwitzia amabilis & cvs - Beautybush	19.15	
32 93 33 00-0356	EA	30" B&B Kolkwitzia amabilis & cvs - Beautybush	21.79	
32 93 33 00-0357	EA	36" B&B Kolkwitzia amabilis & cvs - Beautybush	23.77	
32 93 33 00-0358	EA	42" B&B Kolkwitzia amabilis & cvs - Beautybush	27.73	
32 93 33 00-0359	EA	48" B&B Kolkwitzia amabilis & cvs - Beautybush	31.70	
32 93 33 00-0360	EA	60" B&B Kolkwitzia amabilis & cvs - Beautybush	39.62	
32 93 33 00-0361	EA	1 Gallon Lagerstroemia indica - Crepe Myrtle	4.54	
32 93 33 00-0362	EA	5 Gallon Lagerstroemia indica - Crepe Myrtle	16.17	
32 93 33 00-0363	EA	3' To 4' Lagerstroemia indica - Crepe Myrtle	22.56	
32 93 33 00-0364	EA	4' To 5' Lagerstroemia indica - Crepe Myrtle	33.13	
32 93 33 00-0365	EA	5' To 6' Lagerstroemia indica - Crepe Myrtle	52.64	
32 93 33 00-0366	EA	7' To 8' Lagerstroemia indica - Crepe Myrtle	68.35	
32 93 33 00-0367	EA	9' To 10' Lagerstroemia indica - Crepe Myrtle	91.13	
32 93 33 00-0368	EA	11' To 12' Lagerstroemia indica - Crepe Myrtle	189.85	
32 93 33 00-0369	EA	1 Gallon Leucothoe axillaris - Coast Leucothoe	6.81	
32 93 33 00-0370	EA	2 Gallon Leucothoe axillaris - Coast Leucothoe	14.90	
32 93 33 00-0371	EA	3 Gallon Leucothoe axillaris - Coast Leucothoe	17.95	
32 93 33 00-0372	EA	1 Gallon Ligustrum lucidum - Glossy Privet	4.19	
32 93 33 00-0373	EA	5 Gallon Ligustrum lucidum - Glossy Privet	12.84	
32 93 33 00-0374	EA	15 Gallon Ligustrum lucidum - Glossy Privet	60.16	
32 93 33 00-0375	EA	1 Gallon Ligustrum sinense - Variegated Chinese Privet	4.19	
32 93 33 00-0376	EA	2 Gallon Ligustrum sinense - Variegated Chinese Privet	9.01	
32 93 33 00-0377	EA	3 Gallon Ligustrum sinense - Variegated Chinese Privet	11.71	
32 93 33 00-0378	EA	36" B&B Ligustrum vulgare & cvs - Common Privet	19.81	
32 93 33 00-0379	EA	48" B&B Ligustrum vulgare & cvs - Common Privet	29.06	
32 93 33 00-0380	EA	60" B&B Ligustrum vulgare & cvs - Common Privet	36.98	
32 93 33 00-0381	EA	72" B&B Ligustrum vulgare & cvs - Common Privet	42.26	
32 93 33 00-0382	EA	5 Gallon Lindera benzoin - Spicebush	21.79	
32 93 33 00-0383	EA	36" B&B Lindera benzoin - Spicebush	18.49	
32 93 33 00-0384	EA	48" B&B Lindera benzoin - Spicebush	22.45	
32 93 33 00-0385	EA	2' To 3' Lonicera fragrantissima - Winter Honeysuckle	36.11	
32 93 33 00-0386	EA	3' To 4' Lonicera fragrantissima - Winter Honeysuckle	43.63	
32 93 33 00-0387	EA	30" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle	19.81	
32 93 33 00-0388	EA	36" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle	23.77	
32 93 33 00-0389	EA	42" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle	26.41	
32 93 33 00-0390	EA	48" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle	29.06	
32 93 33 00-0391	EA	1 Gallon Myrica cerifera - Wax Myrtle	3.80	
32 93 33 00-0392	EA	4 Gallon Myrica cerifera - Wax Myrtle	12.15	
32 93 33 00-0393	EA	7 Gallon Myrica cerifera - Wax Myrtle	26.58	
32 93 33 00-0394	EA	10 Gallon Myrica cerifera - Wax Myrtle	39.49	
32 93 33 00-0395	EA	15 Gallon Myrica cerifera - Wax Myrtle	60.75	
32 93 33 00-0396	EA	45 Gallon Myrica cerifera - Wax Myrtle	182.26	
32 93 33 00-0397	EA	1' - 2' Myrica cerifera - Wax Myrtle	5.32	
32 93 33 00-0398	EA	3' - 4' Myrica cerifera - Wax Myrtle	18.23	
32 93 33 00-0399	EA	5' - 6' Myrica cerifera - Wax Myrtle	33.41	
32 93 33 00-0400	EA	7' - 8' Myrica cerifera - Wax Myrtle	45.56	
32 93 33 00-0401	EA	9' - 10' Myrica cerifera - Wax Myrtle	60.75	
32 93 33 00-0402	EA	11' - 12' Myrica cerifera - Wax Myrtle	92.65	
32 93 33 00-0403	EA	3 Gallon Myrica pensylvanica - Northern Bayberry	19.81	
32 93 33 00-0404	EA	24" B&B Myrica pensylvanica - Northern Bayberry	32.36	
32 93 33 00-0405	EA	30" B&B Myrica pensylvanica - Northern Bayberry	47.54	
32 93 33 00-0406	EA	36" B&B Myrica pensylvanica - Northern Bayberry	56.79	
32 93 33 00-0407	EA	48" B&B Myrica pensylvanica - Northern Bayberry	59.43	
32 93 33 00-0408	EA	1 Gallon Nandina domestica - Heavenly Bamboo	6.81	
32 93 33 00-0409	EA	2 Gallon Nandina domestica - Heavenly Bamboo	14.90	
32 93 33 00-0410	EA	5 Gallon Nandina domestica - Heavenly Bamboo	22.56	
32 93 33 00-0411	EA	1 Gallon Osmanthus fragrans - Fragrant Tea Olive	4.19	
32 93 33 00-0412	EA	3 Gallon Osmanthus fragrans - Fragrant Tea Olive	11.35	
32 93 33 00-0413	EA	1 Gallon Philadelphus - Evergreen Mockorange	5.82	
32 93 33 00-0414	EA	5 Gallon Philadelphus - Evergreen Mockorange	18.87	
32 93 33 00-0415	EA	36" B&B Philadelphus x virginalis & cvs - Mockorange	19.81	
32 93 33 00-0416	EA	42" B&B Philadelphus x virginalis & cvs - Mockorange	23.11	
32 93 33 00-0417	EA	48" B&B Philadelphus x virginalis & cvs - Mockorange	26.41	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0418	EA	24" B&B Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	19.81	
32 93 33 00-0419	EA	30" B&B Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	23.11	
32 93 33 00-0420	EA	36" B&B Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	26.41	
32 93 33 00-0421	EA	42" B&B Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	33.02	
32 93 33 00-0422	EA	48" B&B Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	39.62	
32 93 33 00-0423	EA	12" To 15" Spread Pieris - Mountain Andromeda	18.23	
32 93 33 00-0424	EA	15" To 18" Spread Pieris - Mountain Andromeda	39.09	
32 93 33 00-0425	EA	12" To 15" Pieris japonica - Japanese Andromeda	23.69	
32 93 33 00-0426	EA	15" To 18" Pieris japonica - Japanese Andromeda	27.10	
32 93 33 00-0427	EA	18" To 24" Pieris japonica - Japanese Andromeda	33.91	
32 93 33 00-0428	EA	2' To 2-1/2' Pieris japonica - Japanese Andromeda	48.17	
32 93 33 00-0429	EA	2-1/2' To 3' Pieris japonica - Japanese Andromeda	57.18	
32 93 33 00-0430	EA	24" B&B Pinus mugo & cvs - Mugo Pine	33.02	
32 93 33 00-0431	EA	30" B&B Pinus mugo & cvs - Mugo Pine	42.26	
32 93 33 00-0432	EA	36" B&B Pinus mugo & cvs - Mugo Pine	50.85	
32 93 33 00-0433	EA	48" B&B Pinus mugo & cvs - Mugo Pine	65.37	
32 93 33 00-0434	EA	60" B&B Pinus mugo & cvs - Mugo Pine	78.58	
32 93 33 00-0435	EA	72" B&B Pinus mugo & cvs - Mugo Pine	114.90	
32 93 33 00-0436	EA	30" B&B Pinus mugo compacta - Dwarf Mugo Pine	71.32	
32 93 33 00-0437	EA	36" B&B Pinus mugo compacta - Dwarf Mugo Pine	85.85	
32 93 33 00-0438	EA	48" B&B Pinus mugo compacta - Dwarf Mugo Pine	114.24	
32 93 33 00-0439	EA	1 Gallon Pittosporum - Pittosporum	2.51	
32 93 33 00-0440	EA	3 Gallon Pittosporum - Pittosporum	6.45	
32 93 33 00-0441	EA	1 Gallon Pittosporum - Varigated Pittosporum	2.51	
32 93 33 00-0442	EA	3 Gallon Pittosporum - Varigated Pittosporum	6.45	
32 93 33 00-0443	EA	5 Gallon Pittosporum - Varigated Pittosporum	11.32	
32 93 33 00-0444	EA	2 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	11.23	
32 93 33 00-0445	EA	5 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	15.85	
32 93 33 00-0446	EA	18" B&B Potentilla fruticosa & cvs - Bush Cinquefoil	11.89	
32 93 33 00-0447	EA	24" B&B Potentilla fruticosa & cvs - Bush Cinquefoil	13.21	
32 93 33 00-0448	EA	30" B&B Potentilla fruticosa & cvs - Bush Cinquefoil	19.15	
32 93 33 00-0449	EA	36" B&B Potentilla fruticosa & cvs - Bush Cinquefoil	22.12	
32 93 33 00-0450	EA	1 Gallon Prunus caroliniana - Carolina Cherry Laurel	4.54	
32 93 33 00-0451	EA	3 Gallon Prunus caroliniana - Carolina Cherry Laurel	11.35	
32 93 33 00-0452	EA	15 Gallon Prunus caroliniana - Carolina Cherry Laurel	67.68	
32 93 33 00-0453	EA	15" To 18" Prunus laurocerasus - Cherry Laurel	17.31	
32 93 33 00-0454	EA	18" To 24" Prunus laurocerasus - Cherry Laurel	21.42	
32 93 33 00-0455	EA	24" To 30" Prunus laurocerasus - Cherry Laurel	27.88	
32 93 33 00-0456	EA	15" To 18" Prunus triloba - Double White Flowering Almond	15.46	
32 93 33 00-0457	EA	18" To 24" Prunus triloba - Double White Flowering Almond	19.79	
32 93 33 00-0458	EA	3' To 4' Prunus triloba - Double White Flowering Almond	31.57	
32 93 33 00-0459	EA	4' To 6' Prunus triloba - Double White Flowering Almond	63.21	
32 93 33 00-0460	EA	5 Gallon Prunus triloba - Pink Flowering Almond	19.01	
32 93 33 00-0461	EA	18" To 24" Prunus triloba - Pink Flowering Almond	21.35	
32 93 33 00-0462	EA	2' To 3' Prunus triloba - Pink Flowering Almond	24.83	
32 93 33 00-0463	EA	2' To 3' Prunus virginiana - Brilliant Chokeberry	16.88	
32 93 33 00-0464	EA	3' To 4' Prunus virginiana - Brilliant Chokeberry	20.71	
32 93 33 00-0465	EA	4' To 5' Prunus virginiana - Brilliant Chokeberry	24.83	
32 93 33 00-0466	EA	5' To 6' Prunus virginiana - Brilliant Chokeberry	28.45	
32 93 33 00-0467	EA	1 Gallon Punica granatum - Dwarf Pomegranate	4.47	
32 93 33 00-0468	EA	3 Gallon Punica granatum - Dwarf Pomegranate	13.20	
32 93 33 00-0469	EA	7 Gallon Punica granatum - Dwarf Pomegranate	27.10	
32 93 33 00-0470	EA	1 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	5.68	
32 93 33 00-0471	EA	5 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	18.87	
32 93 33 00-0472	EA	5 Gallon Espalier Pyracantha koidzumi "Santa Cruz" - Pyracantha	39.09	
32 93 33 00-0473	EA	1 Gallon Ralphiolepis indica - Indian Hawthorne	4.54	
32 93 33 00-0474	EA	2 Gallon Ralphiolepis indica - Indian Hawthorne	8.65	
32 93 33 00-0475	EA	5 Gallon Ralphiolepis indica - Indian Hawthorne	15.39	
32 93 33 00-0476	EA	4' To 5' Rhamnus frangula "Columnaris" - Tallhedge	34.62	
32 93 33 00-0477	EA	5' To 6' Rhamnus frangula "Columnaris" - Tallhedge	47.46	
32 93 33 00-0478	EA	6' To 8' Rhamnus frangula "Columnaris" - Tallhedge	61.72	
32 93 33 00-0479	EA	10' To 12' Rhamnus frangula "Columnaris" - Tallhedge	112.86	
32 93 33 00-0480	EA	1 Gallon Rhododendron - Azalea Evergreen Hybrids	7.38	
32 93 33 00-0481	EA	2 Gallon Rhododendron - Azalea Evergreen Hybrids	14.90	
32 93 33 00-0482	EA	3 Gallon Rhododendron - Azalea Evergreen Hybrids	19.44	
32 93 33 00-0483	EA	5 Gallon Rhododendron - Azalea Evergreen Hybrids	22.56	
32 93 33 00-0484	EA	15" To 18" Rhododendron - Azalea Evergreen Hybrids	26.39	
32 93 33 00-0485	EA	18" To 24" Rhododendron - Azalea Evergreen Hybrids	33.13	
32 93 33 00-0486	EA	2' To 2-1/2' Rhododendron - Azalea Evergreen Hybrids	48.17	
32 93 33 00-0487	EA	2-1/2' To 3' Rhododendron - Azalea Evergreen Hybrids	67.68	
32 93 33 00-0488	EA	1 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	8.30	
32 93 33 00-0489	EA	2 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	14.90	
32 93 33 00-0490	EA	15' To 18' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	25.61	
32 93 33 00-0491	EA	18" To 24" Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	33.13	
32 93 33 00-0492	EA	2' To 3' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	48.17	
32 93 33 00-0493	EA	3' To 4' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	70.73	
32 93 33 00-0494	EA	4' To 5' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	94.78	
32 93 33 00-0495	EA	5 Gallon Rhododendron - Boxleaf Azara	18.87	
32 93 33 00-0496	EA	15 Gallon Rhododendron - Boxleaf Azara	67.68	
32 93 33 00-0497	EA	15" To 18" Rhododendron - Carolina Rhododendron	21.35	
32 93 33 00-0498	EA	18" To 24" Rhododendron - Carolina Rhododendron	37.60	
32 93 33 00-0499	EA	24" To 30" Rhododendron - Carolina Rhododendron	55.69	
32 93 33 00-0500	EA	2' To 3' Rhododendron - Five-leafed Azalea	25.33	
32 93 33 00-0501	EA	3' To 4' Rhododendron - Five-leafed Azalea	33.13	
32 93 33 00-0502	EA	4' To 5' Rhododendron - Five-leafed Azalea	43.63	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0503	EA	15" To 18" Rhododendron - Ghent Azalea	25.33	
32 93 33 00-0504	EA	18" To 24" Rhododendron - Ghent Azalea	31.57	
32 93 33 00-0505	EA	2' To 3' Rhododendron - Ghent Azalea	51.15	
32 93 33 00-0506	EA	3' To 4' Rhododendron - Ghent Azalea	70.73	
32 93 33 00-0507	EA	4' To 5' Rhododendron - Ghent Azalea	94.78	
32 93 33 00-0508	EA	5' To 6' Rhododendron - Ghent Azalea	126.41	
32 93 33 00-0509	EA	1 Gallon Rhododendron - Hybrid Rhododendron	8.30	
32 93 33 00-0510	EA	2 Gallon Rhododendron - Hybrid Rhododendron	17.95	
32 93 33 00-0511	EA	3 Gallon Rhododendron - Hybrid Rhododendron	25.47	
32 93 33 00-0512	EA	5 Gallon Rhododendron - Hybrid Rhododendron	28.45	
32 93 33 00-0513	EA	15" To 18" Rhododendron - Hybrid Rhododendron	24.05	
32 93 33 00-0514	EA	18" To 24" Rhododendron - Hybrid Rhododendron	33.13	
32 93 33 00-0515	EA	24" To 30" Rhododendron - Hybrid Rhododendron	45.12	
32 93 33 00-0516	EA	30" To 36" Rhododendron - Hybrid Rhododendron	52.64	
32 93 33 00-0517	EA	36" To 42" Rhododendron - Hybrid Rhododendron	75.27	
32 93 33 00-0518	EA	42" To 48" Rhododendron - Hybrid Rhododendron	93.29	
32 93 33 00-0519	EA	15" To 18" Rhododendron - Pjm Rhododendron	27.10	
32 93 33 00-0520	EA	18" To 24" Rhododendron - Pjm Rhododendron	33.13	
32 93 33 00-0521	EA	2' To 2-1/2' Rhododendron - Pjm Rhododendron	48.17	
32 93 33 00-0522	EA	2-1/2 To 3' Rhododendron - Pjm Rhododendron	61.72	
32 93 33 00-0523	EA	3' To 3-1/2' Rhododendron - Pjm Rhododendron	75.27	
32 93 33 00-0524	EA	12" To 15" Rhododendron - Torch Azalea	21.07	
32 93 33 00-0525	EA	15" To 18" Rhododendron - Torch Azalea	25.33	
32 93 33 00-0526	EA	18" To 24" Rhododendron - Torch Azalea	31.57	
32 93 33 00-0527	EA	2' To 3' Rhododendron - Torch Azalea	52.64	
32 93 33 00-0528	EA	3 Gallon Rhododendron cvs - Lepidote Rhododendron	23.77	
32 93 33 00-0529	EA	5 Gallon Rhododendron cvs - Lepidote Rhododendron	29.06	
32 93 33 00-0530	EA	18" B&B Rhododendron cvs - Lepidote Rhododendron	35.66	
32 93 33 00-0531	EA	24" B&B Rhododendron cvs - Lepidote Rhododendron	44.90	
32 93 33 00-0532	EA	30" B&B Rhododendron cvs - Lepidote Rhododendron	52.83	
32 93 33 00-0533	EA	36" B&B Rhododendron cvs - Lepidote Rhododendron	63.39	
32 93 33 00-0534	EA	1 Gallon Rhus glabra - Dwarf Smooth Sumac	6.81	
32 93 33 00-0535	EA	5 Gallon Rhus glabra - Dwarf Smooth Sumac	18.87	
32 93 33 00-0536	EA	2 Gallon Rhus aromatica & cvs - Fragrant Sumac	15.85	
32 93 33 00-0537	EA	5 Gallon Rhus aromatica & cvs - Fragrant Sumac	21.79	
32 93 33 00-0538	EA	18" B&B Rhus aromatica & cvs - Fragrant Sumac	25.09	
32 93 33 00-0539	EA	24" B&B Rhus aromatica & cvs - Fragrant Sumac	33.02	
32 93 33 00-0540	EA	36" B&B Rhus glabra - Smooth Sumac	19.81	
32 93 33 00-0541	EA	48" B&B Rhus typhina & cvs - Staghorn Sumac	33.02	
32 93 33 00-0542	EA	72" B&B Rhus typhina & cvs - Staghorn Sumac	52.83	
32 93 33 00-0543	EA	15" B&B Ribes alpinum & cvs - Alpine Currant	17.83	
32 93 33 00-0544	EA	18" B&B Ribes alpinum & cvs - Alpine Currant	20.47	
32 93 33 00-0545	EA	24" B&B Ribes alpinum & cvs - Alpine Currant	29.72	
32 93 33 00-0546	EA	30" B&B Ribes alpinum & cvs - Alpine Currant	39.62	
32 93 33 00-0547	EA	1 Gallon Rosa hybrids & cvs - Shrub Rose	10.90	
32 93 33 00-0548	EA	2 Gallon Rosa hybrids & cvs - Shrub Rose	13.21	
32 93 33 00-0549	EA	3 Gallon Rosa hybrids & cvs - Shrub Rose	16.51	
32 93 33 00-0550	EA	2 Gallon Rosa rugosa & cvs - Rugosa Rose	11.89	
32 93 33 00-0551	EA	3 Gallon Rosa rugosa & cvs - Rugosa Rose	15.19	
32 93 33 00-0552	EA	5 Gallon Sambucus canadensis - American Elder	21.79	
32 93 33 00-0553	EA	2 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca	9.79	
32 93 33 00-0554	EA	3 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca	14.33	
32 93 33 00-0555	EA	1 Gallon Sarcococca humilis - Fragrant Sarcococca	5.32	
32 93 33 00-0556	EA	5 Gallon Sarcococca humilis - Fragrant Sarcococca	13.90	
32 93 33 00-0557	EA	1 Gallon Skimmia japonica - Japanese Skimmia	6.81	
32 93 33 00-0558	EA	2 Gallon Skimmia japonica - Japanese Skimmia	13.55	
32 93 33 00-0559	EA	5 Gallon Skimmia japonica - Japanese Skimmia	21.85	
32 93 33 00-0560	EA	3' To 4' Spiraea - Garland Spirea	31.57	
32 93 33 00-0561	EA	4' To 5' Spiraea - Garland Spirea	48.17	
32 93 33 00-0562	EA	5 Gallon Spiraea - Snowmound Spirea	18.87	
32 93 33 00-0563	EA	18" To 24" Spiraea - Snowmound Spirea	15.46	
32 93 33 00-0564	EA	2' To 3' Spiraea - Snowmound Spirea	21.85	
32 93 33 00-0565	EA	3' To 4' Spiraea - Snowmound Spirea	25.33	
32 93 33 00-0566	EA	4' To 5' Spiraea - Snowmound Spirea	43.63	
32 93 33 00-0567	EA	1 Gallon Spiraea japonica & cvs - Japanese Spirea	6.81	
32 93 33 00-0568	EA	2 Gallon Spiraea japonica & cvs - Japanese Spirea	13.41	
32 93 33 00-0569	EA	3 Gallon Spiraea japonica & cvs - Japanese Spirea	15.52	
32 93 33 00-0570	EA	5 Gallon Spiraea japonica & cvs - Japanese Spirea	16.84	
32 93 33 00-0571	EA	18" B&B Spiraea japonica & cvs - Japanese Spirea	17.17	
32 93 33 00-0572	EA	24" B&B Spiraea japonica & cvs - Japanese Spirea	19.81	
32 93 33 00-0573	EA	30" B&B Spiraea japonica & cvs - Japanese Spirea	22.45	
32 93 33 00-0574	EA	36" B&B Spiraea japonica & cvs - Japanese Spirea	26.08	
32 93 33 00-0575	EA	2 Gallon Spiraea nipponica & cvs - Nippon Spiraea	10.57	
32 93 33 00-0576	EA	5 Gallon Spiraea nipponica & cvs - Nippon Spiraea	15.85	
32 93 33 00-0577	EA	18" B&B Spiraea nipponica & cvs - Nippon Spiraea	14.53	
32 93 33 00-0578	EA	24" B&B Spiraea nipponica & cvs - Nippon Spiraea	17.17	
32 93 33 00-0579	EA	30" B&B Spiraea nipponica & cvs - Nippon Spiraea	19.81	
32 93 33 00-0580	EA	36" B&B Spiraea nipponica & cvs - Nippon Spiraea	22.45	
32 93 33 00-0581	EA	48" B&B Spiraea nipponica & cvs - Nippon Spiraea	29.06	
32 93 33 00-0582	EA	1 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	6.81	
32 93 33 00-0583	EA	2 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	12.22	
32 93 33 00-0584	EA	4 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	15.85	
32 93 33 00-0585	EA	18" B&B Spiraea x bumalda & cvs - Bumalda Spirea	13.87	
32 93 33 00-0586	EA	24" B&B Spiraea x bumalda & cvs - Bumalda Spirea	16.84	
32 93 33 00-0587	EA	30" B&B Spiraea x bumalda & cvs - Bumalda Spirea	19.81	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0588	EA	36" B&B Spiraea x bumalda & cvs - Bumalda Spirea	22.45	
32 93 33 00-0589	EA	5 Gallon Spiraea x vanhouttei & cvs - Vanhoutte Spirea	15.85	
32 93 33 00-0590	EA	18" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	15.85	
32 93 33 00-0591	EA	24" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	18.49	
32 93 33 00-0592	EA	30" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	25.09	
32 93 33 00-0593	EA	36" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	29.06	
32 93 33 00-0594	EA	42" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	34.34	
32 93 33 00-0595	EA	5 Gallon Staphylea trifolia - Bladdernut	22.29	
32 93 33 00-0596	EA	2 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	15.85	
32 93 33 00-0597	EA	5 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	17.17	
32 93 33 00-0598	EA	24" B&B Stephanandra incisa & cvs - Cutleaf Stephanadra	19.81	
32 93 33 00-0599	EA	30" B&B Stephanandra incisa & cvs - Cutleaf Stephanadra	23.77	
32 93 33 00-0600	EA	2 Gallon Symphoricarpos albus - Common Snowberry	16.51	
32 93 33 00-0601	EA	5 Gallon Symphoricarpos albus - Common Snowberry	17.50	
32 93 33 00-0602	EA	24" B&B Syringa meyeri & cvs - Meyer Lilac	29.06	
32 93 33 00-0603	EA	30" B&B Syringa meyeri & cvs - Meyer Lilac	36.32	
32 93 33 00-0604	EA	36" B&B Syringa meyeri & cvs - Meyer Lilac	42.26	
32 93 33 00-0605	EA	42" B&B Syringa meyeri & cvs - Meyer Lilac	48.87	
32 93 33 00-0606	EA	18" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	29.06	
32 93 33 00-0607	EA	24" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	31.70	
32 93 33 00-0608	EA	30" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	36.32	
32 93 33 00-0609	EA	36" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	42.26	
32 93 33 00-0610	EA	42" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	48.87	
32 93 33 00-0611	EA	60" B&B Syringa villosa & cvs - Late Lilac	23.11	
32 93 33 00-0612	EA	72" B&B Syringa villosa & cvs - Late Lilac	25.09	
32 93 33 00-0613	EA	36" B&B Syringa vulgaris & cvs - Common Lilac	19.81	
32 93 33 00-0614	EA	42' B&B Syringa vulgaris & cvs - Common Lilac	22.45	
32 93 33 00-0615	EA	48" B&B Syringa vulgaris & cvs - Common Lilac	25.09	
32 93 33 00-0616	EA	60" B&B Syringa vulgaris & cvs - Common Lilac	29.06	
32 93 33 00-0617	EA	72" B&B Syringa vulgaris & cvs - Common Lilac	35.66	
32 93 33 00-0618	EA	5 Gallon Syringa x chinensis & cvs - Chinese Lilac	16.51	
32 93 33 00-0619	EA	36" B&B Syringa x hyacinthiflora & cvs - Hybrid Lilac	19.15	
32 93 33 00-0620	EA	48" B&B Syringa x hyacinthiflora & cvs - Hybrid Lilac	25.09	
32 93 33 00-0621	EA	48" B&B Taxus cuspidata capitata - Capitata Japanese Yew	105.00	
32 93 33 00-0622	EA	54" B&B Taxus cuspidata capitata - Capitata Japanese Yew	117.54	
32 93 33 00-0623	EA	60" B&B Taxus cuspidata capitata - Capitata Japanese Yew	129.43	
32 93 33 00-0624	EA	72" B&B Taxus cuspidata capitata - Capitata Japanese Yew	155.84	
32 93 33 00-0625	EA	18" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	27.73	
32 93 33 00-0626	EA	24" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	36.32	
32 93 33 00-0627	EA	30" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	42.26	
32 93 33 00-0628	EA	36" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	46.22	
32 93 33 00-0629	EA	15" B&B Taxus x media & cvs - Anglojap Yew	27.73	
32 93 33 00-0630	EA	18" B&B Taxus x media & cvs - Anglojap Yew	36.32	
32 93 33 00-0631	EA	24" B&B Taxus x media & cvs - Anglojap Yew	42.92	
32 93 33 00-0632	EA	30" B&B Taxus x media & cvs - Anglojap Yew	50.85	
32 93 33 00-0633	EA	36" B&B Taxus x media & cvs - Anglojap Yew	76.60	
32 93 33 00-0634	EA	36" B&B Thuja occidentalis & cvs - Upright Arborvitae	42.26	
32 93 33 00-0635	EA	48" B&B Thuja occidentalis & cvs - Upright Arborvitae	56.79	
32 93 33 00-0636	EA	60" B&B Thuja occidentalis & cvs - Upright Arborvitae	85.85	
32 93 33 00-0637	EA	72" B&B Thuja occidentalis & cvs - Upright Arborvitae	125.47	
32 93 33 00-0638	EA	84" B&B Thuja occidentalis & cvs - Upright Arborvitae	143.96	
32 93 33 00-0639	EA	96" B&B Thuja occidentalis & cvs - Upright Arborvitae	167.07	
32 93 33 00-0640	EA	15" B&B Thuja occidentalis cvs - Dwarf Arborvitae	18.49	
32 93 33 00-0641	EA	18" B&B Thuja occidentalis cvs - Dwarf Arborvitae	25.75	
32 93 33 00-0642	EA	24" B&B Thuja occidentalis cvs - Dwarf Arborvitae	36.32	
32 93 33 00-0643	EA	3' To 4' Viburnum dilatatum - Linden Viburnum	31.57	
32 93 33 00-0644	EA	4' To 5' Viburnum dilatatum - Linden Viburnum	48.17	
32 93 33 00-0645	EA	5' To 6' Viburnum dilatatum - Linden Viburnum	63.21	
32 93 33 00-0646	EA	1 Gallon Viburnum japonicum - Japanese Viburnum	3.83	
32 93 33 00-0647	EA	3 Gallon Viburnum japonicum - Japanese Viburnum	10.50	
32 93 33 00-0648	EA	5 Gallon Viburnum plicatum - Japanese Snowball	18.87	
32 93 33 00-0649	EA	5' To 6' Viburnum plicatum - Japanese Snowball	70.73	
32 93 33 00-0650	EA	2' To 3' Viburnum rhytidophyllum - Leatherleaf Viburnum	33.13	
32 93 33 00-0651	EA	3' To 4' Viburnum rhytidophyllum - Leatherleaf Viburnum	39.09	
32 93 33 00-0652	EA	4' To 5' Viburnum rhytidophyllum - Leatherleaf Viburnum	54.98	
32 93 33 00-0653	EA	30" B&B Viburnum burkwoodii & cvs - Burkwood Viburnum	36.32	
32 93 33 00-0654	EA	36" B&B Viburnum burkwoodii & cvs - Burkwood Viburnum	43.58	
32 93 33 00-0655	EA	24" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	33.02	
32 93 33 00-0656	EA	30" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	39.62	
32 93 33 00-0657	EA	36" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	46.22	
32 93 33 00-0658	EA	42" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	52.83	
32 93 33 00-0659	EA	36" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	18.49	
32 93 33 00-0660	EA	42" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	19.81	
32 93 33 00-0661	EA	48" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	23.11	
32 93 33 00-0662	EA	60" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	26.41	
32 93 33 00-0663	EA	72" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	29.06	
32 93 33 00-0664	EA	30" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	17.83	
32 93 33 00-0665	EA	36" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	19.81	
32 93 33 00-0666	EA	42" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	25.09	
32 93 33 00-0667	EA	48" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	29.06	
32 93 33 00-0668	EA	60" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	39.62	
32 93 33 00-0669	EA	72" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	47.54	
32 93 33 00-0670	EA	36" B&B Viburnum lentago & cvs - Nannyberry Viburnum	19.81	
32 93 33 00-0671	EA	48" B&B Viburnum lentago & cvs - Nannyberry Viburnum	26.41	
32 93 33 00-0672	EA	5' B&B Viburnum lentago & cvs - Nannyberry Viburnum	33.02	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0673	EA	6' B&B Viburnum lentago & cvs - Nannyberry Viburnum	46.22	
32 93 33 00-0674	EA	7' B&B Viburnum lentago & cvs - Nannyberry Viburnum	66.03	
32 93 33 00-0675	EA	8' B&B Viburnum lentago & cvs - Nannyberry Viburnum	92.45	
32 93 33 00-0676	EA	9' B&B Viburnum lentago & cvs - Nannyberry Viburnum	118.86	
32 93 33 00-0677	EA	30" B&B Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	23.77	
32 93 33 00-0678	EA	36" B&B Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	26.41	
32 93 33 00-0679	EA	36" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	47.54	
32 93 33 00-0680	EA	48" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	72.64	
32 93 33 00-0681	EA	60" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	92.45	
32 93 33 00-0682	EA	72" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	112.26	
32 93 33 00-0683	EA	84" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	138.67	
32 93 33 00-0684	EA	96" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	165.09	
32 93 33 00-0685	EA	108" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	198.10	
32 93 33 00-0686	EA	120" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	231.12	
32 93 33 00-0687	EA	30" B&B Viburnum sargenti & cvs - Sargent Viburnum	20.14	
32 93 33 00-0688	EA	36" B&B Viburnum sargenti & cvs - Sargent Viburnum	22.12	
32 93 33 00-0689	EA	48" B&B Viburnum sargenti & cvs - Sargent Viburnum	25.09	
32 93 33 00-0690	EA	60" B&B Viburnum sargenti & cvs - Sargent Viburnum	29.06	
32 93 33 00-0691	EA	72" B&B Viburnum sargenti & cvs - Sargent Viburnum	33.35	
32 93 33 00-0692	EA	18" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	19.15	
32 93 33 00-0693	EA	24" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	23.11	
32 93 33 00-0694	EA	30" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	27.73	
32 93 33 00-0695	EA	36" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	31.70	
32 93 33 00-0696	EA	42" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	38.30	
32 93 33 00-0697	EA	48" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	42.26	
32 93 33 00-0698	EA	30" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	33.02	
32 93 33 00-0699	EA	36" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	39.62	
32 93 33 00-0700	EA	42" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	46.22	
32 93 33 00-0701	EA	48" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	52.83	
32 93 33 00-0702	EA	60" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	59.43	
32 93 33 00-0703	EA	30" B&B Viburnum x juddii & cvs - Judd Viburnum	42.26	
32 93 33 00-0704	EA	36" B&B Viburnum x juddii & cvs - Judd Viburnum	47.54	
32 93 33 00-0705	EA	42" B&B Viburnum x juddii & cvs - Judd Viburnum	54.15	
32 93 33 00-0706	EA	48" B&B Viburnum x juddii & cvs - Judd Viburnum	62.07	
32 93 33 00-0707	EA	2' To 3' Viburum opulus "Roseum" - Fragrant Snowball	39.09	
32 93 33 00-0708	EA	3' To 4' Viburum opulus "Roseum" - Fragrant Snowball	48.17	
32 93 33 00-0709	EA	4' To 5' Viburum opulus "Roseum" - Fragrant Snowball	70.73	
32 93 33 00-0710	EA	5 Gallon Weigela florida & cvs - Old Fashioned Weigela	21.79	
32 93 33 00-0711	EA	24" B&B Weigela florida & cvs - Old Fashioned Weigela	19.81	
32 93 33 00-0712	EA	30" B&B Weigela florida & cvs - Old Fashioned Weigela	22.45	
32 93 33 00-0713	EA	36" B&B Weigela florida & cvs - Old Fashioned Weigela	25.09	
32 93 33 00-0714	EA	42" B&B Weigela florida & cvs - Old Fashioned Weigela	29.06	
32 93 33 00-0715	EA	48" B&B Weigela florida & cvs - Old Fashioned Weigela	33.02	
32 93 33 00-0716	EA	1 Gallon Xylosma congestum - Shiny Xylosma	4.54	
32 93 33 00-0717	EA	5 Gallon Xylosma congestum - Shiny Xylosma	12.84	
32 93 33 00-0718	EA	15 Gallon Xylosma congestum - Shiny Xylosma	56.47	
32 93 33 00-0719	EA	1 Gallon Yucca aloifolia - Spanish Bayonet	3.83	
32 93 33 00-0720	EA	3 Gallon Yucca aloifolia - Spanish Bayonet	10.14	
32 93 33 00-0721	EA	1 Gallon Yucca filamentosa - Adams Needle	5.32	
32 93 33 00-0722	EA	3 Gallon Yucca filamentosa - Adams Needle	10.36	
32 93 33 00-0723	EA	5 Gallon Yucca filamentosa - Adams Needle	16.39	
32 93 33 00-0724	EA	18" To 24" Euonymus Alatus - Winged Burning Bush	21.07	
32 93 33 00-0725	EA	2' To 2-1/2' Euonymus Alatus - Winged Burning Bush	24.83	
32 93 33 00-0726	EA	2-1/2' To 3' Euonymus Alatus - Winged Burning Bush	33.91	
32 93 33 00-0727	EA	3' To 3-1/2' Euonymus Alatus - Winged Burning Bush	40.65	
32 93 33 00-0728	EA	3-1/2 To 4' Euonymus Alatus - Winged Burning Bush	51.15	
32 93 33 00-0729	EA	4' To 5' Euonymus Alatus - Winged Burning Bush	72.22	
32 93 33 00-0730	EA	5' To 6' Euonymus Alatus - Winged Burning Bush	90.31	
32 93 33 00-0731	EA	6' To 8' Euonymus Alatus - Winged Burning Bush	105.35	
32 93 33 00-0732	EA	15" To 18" Euonymus Alatus - Dwarf Winged Burning Bush	21.07	
32 93 33 00-0733	EA	18" To 24" Euonymus Alatus - Dwarf Winged Burning Bush	24.05	
32 93 33 00-0734	EA	2' To 2-1/2' Euonymus Alatus - Dwarf Winged Burning Bush	29.37	
32 93 33 00-0735	EA	2-1/2' To 3' Euonymus Alatus - Dwarf Winged Burning Bush	41.43	
32 93 33 00-0736	EA	3' To 3-1/2' Euonymus Alatus - Dwarf Winged Burning Bush	48.95	
32 93 33 00-0737	EA	3-1/2' To 4' Euonymus Alatus - Dwarf Winged Burning Bush	58.67	
32 93 33 00-0738	EA	4' To 5' Euonymus Alatus - Dwarf Winged Burning Bush	82.79	
32 93 33 00-0739	EA	5' To 6' Euonymus Alatus - Dwarf Winged Burning Bush	97.83	
32 93 33 00-0740	EA	5 Gallon Border Forsythia - Goldenbells	18.23	
32 93 33 00-0741	EA	2' To 3' Border Forsythia - Goldenbells	15.04	
32 93 33 00-0742	EA	3' To 4' Border Forsythia - Goldenbells	19.01	
32 93 33 00-0743	EA	4' To 5' Border Forsythia - Goldenbells	23.69	
32 93 33 00-0744	EA	5' To 6' Border Forsythia - Goldenbells	28.45	
32 93 33 00-0745	EA	6' To 8' Border Forsythia - Goldenbells	39.09	
32 93 33 00-0746	EA	3' Juniperus chinensis - Columnar Chinese Juniper	38.73	
32 93 33 00-0747	EA	4' Juniperus chinensis - Columnar Chinese Juniper	53.16	
32 93 33 00-0748	EA	5' Juniperus chinensis - Columnar Chinese Juniper	83.53	
32 93 33 00-0749	EA	6' Juniperus chinensis - Columnar Chinese Juniper	97.20	
32 93 33 00-0750	EA	7' Juniperus chinensis - Columnar Chinese Juniper	127.58	
32 93 33 00-0751	EA	2 Gallon Chrysobalanus icaco - Cocoplum Red Tip	7.59	
32 93 33 00-0752	EA	3 Gallon Chrysobalanus icaco - Cocoplum Red Tip	10.63	
32 93 33 00-0753	EA	5 Gallon Chrysobalanus icaco - Cocoplum Red Tip	25.74	
32 93 33 00-0754	EA	2 Gallon Chrysobalanus icaco - Cocoplum Green Tip	7.59	
32 93 33 00-0755	EA	3 Gallon Chrysobalanus icaco - Cocoplum Green Tip	10.63	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 93 43 Trees *(32 93)*

Note: (cvs = cultivar) materials only.

32 93 43 00-0001 Ornamental Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0002	EA	6' Clump Form Acer ginnala & cvs - Amur Maple	117.80
32 93 43 00-0003	EA	7' Clump Form Acer ginnala & cvs - Amur Maple	143.98
32 93 43 00-0004	EA	8' Clump Form Acer ginnala & cvs - Amur Maple	163.61
32 93 43 00-0005	EA	10' Clump Form Acer ginnala & cvs - Amur Maple	189.79
32 93 43 00-0006	EA	12' Clump Form Acer ginnala & cvs - Amur Maple	215.96
32 93 43 00-0007	EA	14' Clump Form Acer ginnala & cvs - Amur Maple	255.23
32 93 43 00-0008	EA	1-1/2" To 2" Caliper Acer griseum - Paperbark Maple	341.30
32 93 43 00-0009	EA	2" To 2-1/2" Caliper Acer griseum - Paperbark Maple	418.84
32 93 43 00-0010	EA	2-1/2" To 3" Caliper Acer griseum - Paperbark Maple	523.55
32 93 43 00-0011	EA	5' Clump Form Acer griseum - Paperbark Maple	104.71
32 93 43 00-0012	EA	1-1/2" Caliper Aesculus glabra - Ohio Buckeye	261.77
32 93 43 00-0013	EA	2" Caliper Aesculus glabra - Ohio Buckeye	340.31
32 93 43 00-0014	EA	2-1/2" Caliper Aesculus glabra - Ohio Buckeye	392.66
32 93 43 00-0015	EA	3" Caliper Aesculus glabra - Ohio Buckeye	445.02
32 93 43 00-0016	EA	3-1/2" Caliper Aesculus glabra - Ohio Buckeye	523.55
32 93 43 00-0017	EA	1-1/2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	130.89
32 93 43 00-0018	EA	2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	183.24
32 93 43 00-0019	EA	2-1/2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	196.33
32 93 43 00-0020	EA	3" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	229.05
32 93 43 00-0021	EA	6' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	163.61
32 93 43 00-0022	EA	7' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	196.33
32 93 43 00-0023	EA	8' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	229.05
32 93 43 00-0024	EA	10' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	261.77
32 93 43 00-0025	EA	12' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	294.50
32 93 43 00-0026	EA	14' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	327.22
32 93 43 00-0027	EA	3' Clump Form Asimina triloba - Paw-Paw	91.62
32 93 43 00-0028	EA	4' Clump Form Asimina triloba - Paw-Paw	104.71
32 93 43 00-0029	EA	5' Clump Form Asimina triloba - Paw-Paw	143.98
32 93 43 00-0030	EA	1-1/2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	196.33
32 93 43 00-0031	EA	2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	229.05
32 93 43 00-0032	EA	2-1/2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	294.50
32 93 43 00-0033	EA	5' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	117.80
32 93 43 00-0034	EA	6' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	143.98
32 93 43 00-0035	EA	7' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	196.33
32 93 43 00-0036	EA	8' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	229.05
32 93 43 00-0037	EA	10' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	274.86
32 93 43 00-0038	EA	12' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	333.76
32 93 43 00-0039	EA	14' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	379.57
32 93 43 00-0040	EA	6' Cercis - American Redbud	73.30
32 93 43 00-0041	EA	8' Cercis - American Redbud	100.85
32 93 43 00-0042	EA	2-1/2" Caliper Cercis - American Redbud	207.72
32 93 43 00-0043	EA	3" Caliper Cercis - American Redbud	252.87
32 93 43 00-0044	EA	15 Gallon Cercis canadensis & cvs - Eastern Redbud	63.98
32 93 43 00-0045	EA	20 Gallon Cercis canadensis & cvs - Eastern Redbud	79.98
32 93 43 00-0046	EA	6' Clump Form Cercis canadensis & cvs - Eastern Redbud	157.06
32 93 43 00-0047	EA	7' Clump Form Cercis canadensis & cvs - Eastern Redbud	215.96
32 93 43 00-0048	EA	8' Clump Form Cercis canadensis & cvs - Eastern Redbud	274.86
32 93 43 00-0049	EA	1-1/2" Caliper Cercis canadensis & cvs - Eastern Redbud	150.52
32 93 43 00-0050	EA	2" Caliper Cercis canadensis & cvs - Eastern Redbud	176.70
32 93 43 00-0051	EA	5' To 6' Chaenomeles - Orange Quince	41.34
32 93 43 00-0052	EA	6' To 8' Chaenomeles - Orange Quince	51.68
32 93 43 00-0053	EA	5' Clump Form Chionanthus virginicus - White Fringetree	130.89
32 93 43 00-0054	EA	6' Clump Form Chionanthus virginicus - White Fringetree	163.61
32 93 43 00-0055	EA	7' Clump Form Chionanthus virginicus - White Fringetree	209.42
32 93 43 00-0056	EA	4' To 5' Cornus - Pink Or Red Flowering Dogwood	47.25
32 93 43 00-0057	EA	5' To 6' Cornus - Pink Or Red Flowering Dogwood	59.06
32 93 43 00-0058	EA	6' To 7' Cornus - Pink Or Red Flowering Dogwood	82.68
32 93 43 00-0059	EA	7' To 8' Cornus - Pink Or Red Flowering Dogwood	106.31
32 93 43 00-0060	EA	4' To 5' Cornus - White Flowering Dogwood	31.50
32 93 43 00-0061	EA	5' To 6' Cornus - White Flowering Dogwood	47.25
32 93 43 00-0062	EA	6' To 7' Cornus - White Flowering Dogwood	66.15
32 93 43 00-0063	EA	3' To 4' Cornus kousa - Japanese Dogwood	31.50
32 93 43 00-0064	EA	4' To 5' Cornus kousa - Japanese Dogwood	36.22
32 93 43 00-0065	EA	5' To 6' Cornus kousa - Japanese Dogwood	47.25
32 93 43 00-0066	EA	6' To 8' Cornus kousa - Japanese Dogwood	69.30
32 93 43 00-0067	EA	8' To 10' Cornus kousa - Japanese Dogwood	94.49
32 93 43 00-0068	EA	1-1/2" Caliper Cornus alternifolia & cvs - Pagoda Dogwood	150.52
32 93 43 00-0069	EA	2" Caliper Cornus alternifolia & cvs - Pagoda Dogwood	183.24
32 93 43 00-0070	EA	4' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	71.99
32 93 43 00-0071	EA	5' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	91.62
32 93 43 00-0072	EA	6' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	104.71
32 93 43 00-0073	EA	7' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	117.80
32 93 43 00-0074	EA	8' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	143.98
32 93 43 00-0075	EA	4' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	71.99
32 93 43 00-0076	EA	5' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	91.62
32 93 43 00-0077	EA	6' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	111.25
32 93 43 00-0078	EA	7' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	130.89
32 93 43 00-0079	EA	8' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	183.24
32 93 43 00-0080	EA	1-1/2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	163.61
32 93 43 00-0081	EA	2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	196.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0082	EA	2-1/2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	229.05	
32 93 43 00-0083	EA	1-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	130.89	
32 93 43 00-0084	EA	2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	163.61	
32 93 43 00-0085	EA	2-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	202.87	
32 93 43 00-0086	EA	3" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	229.05	
32 93 43 00-0087	EA	3-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	261.77	
32 93 43 00-0088	EA	4" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	294.50	
32 93 43 00-0089	EA	6' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	130.89	
32 93 43 00-0090	EA	7' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	157.06	
32 93 43 00-0091	EA	8' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	183.24	
32 93 43 00-0092	EA	10' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	229.05	
32 93 43 00-0093	EA	12' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	294.50	
32 93 43 00-0094	EA	1-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	104.71	
32 93 43 00-0095	EA	2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	117.80	
32 93 43 00-0096	EA	2-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	130.89	
32 93 43 00-0097	EA	3" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	150.52	
32 93 43 00-0098	EA	3-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	196.33	
32 93 43 00-0099	EA	4" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	222.51	
32 93 43 00-0100	EA	6' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	91.62	
32 93 43 00-0101	EA	7' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	111.25	
32 93 43 00-0102	EA	8' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	130.89	
32 93 43 00-0103	EA	10' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	163.61	
32 93 43 00-0104	EA	12' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	202.87	
32 93 43 00-0105	EA	14' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	242.14	
32 93 43 00-0106	EA	16' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	281.41	
32 93 43 00-0107	EA	1-1/2" Caliper Crataegus viridis - Winter King Hawthorn	104.71	
32 93 43 00-0108	EA	2" Caliper Crataegus viridis - Winter King Hawthorn	117.80	
32 93 43 00-0109	EA	2-1/2" Caliper Crataegus viridis - Winter King Hawthorn	163.61	
32 93 43 00-0110	EA	3" Caliper Crataegus viridis - Winter King Hawthorn	215.96	
32 93 43 00-0111	EA	6' Clump Form Crataegus viridis - Winter King Hawthorn	98.17	
32 93 43 00-0112	EA	7' Clump Form Crataegus viridis - Winter King Hawthorn	130.89	
32 93 43 00-0113	EA	8' Clump Form Crataegus viridis - Winter King Hawthorn	163.61	
32 93 43 00-0114	EA	10' Clump Form Crataegus viridis - Winter King Hawthorn	196.33	
32 93 43 00-0115	EA	4' Clump Form Hamamelis virginiana - Common Witchhazel	65.44	
32 93 43 00-0116	EA	5' Clump Form Hamamelis virginiana - Common Witchhazel	85.08	
32 93 43 00-0117	EA	6' Clump Form Hamamelis virginiana - Common Witchhazel	104.71	
32 93 43 00-0118	EA	7' Clump Form Hamamelis virginiana - Common Witchhazel	143.98	
32 93 43 00-0119	EA	8' Clump Form Hamamelis virginiana - Common Witchhazel	196.33	
32 93 43 00-0120	EA	1 Gallon Ilex Cassine - Casine Holly (Dahoon)	3.76	
32 93 43 00-0121	EA	5 Gallon Ilex Cassine - Casine Holly (Dahoon)	12.04	
32 93 43 00-0122	EA	4' To 5' Ilex Cassine - Casine Holly (Dahoon)	20.70	
32 93 43 00-0123	EA	6' To 7' Ilex Cassine - Casine Holly (Dahoon)	39.51	
32 93 43 00-0124	EA	8' To 9' Ilex Cassine - Casine Holly (Dahoon)	52.68	
32 93 43 00-0125	EA	10' To 12' Ilex Cassine - Casine Holly (Dahoon)	67.73	
32 93 43 00-0126	EA	2' To 3' Magnolia Virginiana - Sweetbay Magnolia	24.80	
32 93 43 00-0127	EA	3' To 4' Magnolia Virginiana - Sweetbay Magnolia	37.21	
32 93 43 00-0128	EA	4' To 5' Magnolia Virginiana - Sweetbay Magnolia	46.51	
32 93 43 00-0129	EA	5' To 6' Magnolia Virginiana - Sweetbay Magnolia	57.93	
32 93 43 00-0130	EA	4' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	98.17	
32 93 43 00-0131	EA	5' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	130.89	
32 93 43 00-0132	EA	6' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	170.15	
32 93 43 00-0133	EA	7' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	189.79	
32 93 43 00-0134	EA	9' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	255.23	
32 93 43 00-0135	EA	8' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	229.05	
32 93 43 00-0136	EA	4' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	98.17	
32 93 43 00-0137	EA	5' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	130.89	
32 93 43 00-0138	EA	6' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	170.15	
32 93 43 00-0139	EA	7' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	189.79	
32 93 43 00-0140	EA	8' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	229.05	
32 93 43 00-0141	EA	9' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	255.23	
32 93 43 00-0142	EA	4' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	98.17	
32 93 43 00-0143	EA	5' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	130.89	
32 93 43 00-0144	EA	6' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	170.15	
32 93 43 00-0145	EA	7' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	189.79	
32 93 43 00-0146	EA	8' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	229.05	
32 93 43 00-0147	EA	9' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	255.23	
32 93 43 00-0148	EA	4' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	98.17	
32 93 43 00-0149	EA	5' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	130.89	
32 93 43 00-0150	EA	6' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	170.15	
32 93 43 00-0151	EA	7' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	189.79	
32 93 43 00-0152	EA	8' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	229.05	
32 93 43 00-0153	EA	9' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	255.23	
32 93 43 00-0154	EA	4' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	98.17	
32 93 43 00-0155	EA	5' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	130.89	
32 93 43 00-0156	EA	6' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	170.15	
32 93 43 00-0157	EA	7' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	189.79	
32 93 43 00-0158	EA	8' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	229.05	
32 93 43 00-0159	EA	9' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	255.23	
32 93 43 00-0160	EA	5 Gallon Malus - Crabapple	26.58	
32 93 43 00-0161	EA	15 Gallon Malus - Crabapple	67.77	
32 93 43 00-0162	EA	20 Gallon Malus - Crabapple	79.73	
32 93 43 00-0163	EA	1-1/2" Caliper Malus cvs - Crabapple Varieties	78.53	
32 93 43 00-0164	EA	2" Caliper Malus cvs - Crabapple Varieties	104.71	
32 93 43 00-0165	EA	2-1/2" Caliper Malus cvs - Crabapple Varieties	130.89	
32 93 43 00-0166	EA	3" Caliper Malus cvs - Crabapple Varieties	157.06	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0167	EA	3-1/2" Caliper Malus cvs - Crabapple Varieties	183.24	
32 93 43 00-0168	EA	4" Caliper Malus cvs - Crabapple Varieties	209.42	
32 93 43 00-0169	EA	6' Clump Form Malus cvs - Crabapple Varieties	117.80	
32 93 43 00-0170	EA	7' Clump Form Malus cvs - Crabapple Varieties	130.89	
32 93 43 00-0171	EA	8' Clump Form Malus cvs - Crabapple Varieties	163.61	
32 93 43 00-0172	EA	10' Clump Form Malus cvs - Crabapple Varieties	183.24	
32 93 43 00-0173	EA	12' Clump Form Malus cvs - Crabapple Varieties	235.60	
32 93 43 00-0174	EA	1-1/2" Caliper Malus dwarf cvs - Dwarf Crabapple Cultivars	130.89	
32 93 43 00-0175	EA	2" Caliper Malus dwarf cvs - Dwarf Crabapple Cultivars	163.61	
32 93 43 00-0176	EA	4' Clump Form Malus dwarf cvs - Dwarf Crabapple	98.17	
32 93 43 00-0177	EA	5' Clump Form Malus dwarf cvs - Dwarf Crabapple	124.34	
32 93 43 00-0178	EA	6' Clump Form Malus dwarf cvs - Dwarf Crabapple	150.52	
32 93 43 00-0179	EA	7' Clump Form Malus dwarf cvs - Dwarf Crabapple	170.15	
32 93 43 00-0180	EA	8' Clump Form Malus dwarf cvs - Dwarf Crabapple	189.79	
32 93 43 00-0181	EA	9' Clump Form Malus dwarf cvs - Dwarf Crabapple	209.42	
32 93 43 00-0182	EA	4' To 5' Oxydendrum arboreum - Sourwood	60.04	
32 93 43 00-0183	EA	5' To 6' Oxydendrum arboreum - Sourwood	75.05	
32 93 43 00-0184	EA	6' To 7' Oxydendrum arboreum - Sourwood	90.06	
32 93 43 00-0185	EA	7' To 8' Oxydendrum arboreum - Sourwood	105.08	
32 93 43 00-0186	EA	1 Gallon Platanus Racemosa - California Sycamore	7.13	
32 93 43 00-0187	EA	5 Gallon Platanus Racemosa - California Sycamore	20.40	
32 93 43 00-0188	EA	15 Gallon Platanus Racemosa - California Sycamore	61.22	
32 93 43 00-0189	EA	24" Box Platanus Racemosa - California Sycamore	163.27	
32 93 43 00-0190	EA	1 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	8.15	
32 93 43 00-0191	EA	5 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	34.52	
32 93 43 00-0192	EA	20 Gallon Prunus subhirtella - Flowering Cherry	92.03	
32 93 43 00-0193	EA	1-1/2" To 2" Caliper Prunus subhirtella - Flowering Cherry	95.13	
32 93 43 00-0194	EA	2" To 2-1/2" Caliper Prunus subhirtella - Flowering Cherry	118.90	
32 93 43 00-0195	EA	3-1/2" To 4" Caliper Prunus subhirtella - Flowering Cherry	248.14	
32 93 43 00-0196	EA	3" To 3-1/2" Caliper Prunus subhirtella - Flowering Cherry	191.25	
32 93 43 00-0197	EA	4" To 5" Caliper Prunus subhirtella - Flowering Cherry	372.22	
32 93 43 00-0198	EA	4' To 6' Prunus - Pigeon Plum	37.63	
32 93 43 00-0199	EA	8' To 10' Prunus - Pigeon Plum	127.94	
32 93 43 00-0200	EA	10' To 12' Prunus - Pigeon Plum	162.56	
32 93 43 00-0201	EA	14' To 16' Prunus - Pigeon Plum	255.88	
32 93 43 00-0202	EA	5 Gallon Prunus cerasifera - Thundercloud Flowering Plum	23.77	
32 93 43 00-0203	EA	15 Gallon Prunus cerasifera - Thundercloud Flowering Plum	65.11	
32 93 43 00-0204	EA	20 Gallon Prunus cerasifera - Thundercloud Flowering Plum	84.80	
32 93 43 00-0205	EA	5' To 6' Prunus cerasifera - Thundercloud Flowering Plum	26.87	
32 93 43 00-0206	EA	6' To 8' Prunus cerasifera - Thundercloud Flowering Plum	51.68	
32 93 43 00-0207	EA	1-1/2" To 2" Caliper Prunus cerasifera - Thundercloud Flowering Plum	95.13	
32 93 43 00-0208	EA	2" To 2-1/2" Caliper Prunus cerasifera - Thundercloud Flowering Plum	113.74	
32 93 43 00-0209	EA	1-1/2" To 1-3/4" Caliper Prunus subhirtella - Weeping Cherry	74.46	
32 93 43 00-0210	EA	1-1/4" To 1-1/2" Caliper Prunus subhirtella - Weeping Cherry	62.01	
32 93 43 00-0211	EA	1-3/4" To 2" Caliper Prunus subhirtella - Weeping Cherry	90.95	
32 93 43 00-0212	EA	2" To 2-1/2" Caliper Prunus subhirtella - Weeping Cherry	108.57	
32 93 43 00-0213	EA	2-1/2" To 3" Caliper Prunus subhirtella - Weeping Cherry	139.58	
32 93 43 00-0214	EA	6' To 8' Prunus yedoensis - Yoshino Cherry	53.79	
32 93 43 00-0215	EA	1-1/2" To 2" Caliper Prunus yedoensis - Yoshino Cherry	82.73	
32 93 43 00-0216	EA	2" To 2-1/2" Caliper Prunus yedoensis - Yoshino Cherry	101.29	
32 93 43 00-0217	EA	2-1/2" To 3" Caliper Prunus yedoensis - Yoshino Cherry	129.24	
32 93 43 00-0218	EA	15 Gallon Pyrus - Aristocrat Flowering Pear	71.85	
32 93 43 00-0219	EA	20 Gallon Pyrus - Aristocrat Flowering Pear	89.82	
32 93 43 00-0220	EA	1-1/2" To 2" Caliper Pyrus - Aristocrat Flowering Pear	93.41	
32 93 43 00-0221	EA	2" To 2-1/2" Caliper Pyrus - Aristocrat Flowering Pear	111.37	
32 93 43 00-0222	EA	2-1/2" To 3" Caliper Pyrus - Aristocrat Flowering Pear	150.89	
32 93 43 00-0223	EA	3" To 3-1/2" Caliper Pyrus - Aristocrat Flowering Pear	197.60	
32 93 43 00-0224	EA	3-1/2" To 4" Caliper Pyrus - Aristocrat Flowering Pear	251.49	
32 93 43 00-0225	EA	15 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	71.85	
32 93 43 00-0226	EA	20 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	89.82	
32 93 43 00-0227	EA	1-1/2" To 2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	61.08	
32 93 43 00-0228	EA	2" To 2-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	93.41	
32 93 43 00-0229	EA	2-1/2" To 3" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	111.28	
32 93 43 00-0230	EA	3" To 3-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	150.89	
32 93 43 00-0231	EA	3-1/2" To 4" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	197.60	
32 93 43 00-0232	EA	1-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	130.89	
32 93 43 00-0233	EA	2" Caliper Pyrus calleryana & cvs - Callery Pear	163.61	
32 93 43 00-0234	EA	2-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	202.87	
32 93 43 00-0235	EA	3" Caliper Pyrus calleryana & cvs - Callery Pear	229.05	
32 93 43 00-0236	EA	3-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	255.23	
32 93 43 00-0237	EA	4" Caliper Pyrus calleryana & cvs - Callery Pear	327.22	
32 93 43 00-0238	EA	1 Gallon Quercus agrifolia - Coast Live Oak	7.13	
32 93 43 00-0239	EA	5 Gallon Quercus agrifolia - Coast Live Oak	20.40	
32 93 43 00-0240	EA	15 Gallon Quercus agrifolia - Coast Live Oak	61.22	
32 93 43 00-0241	EA	24" Box Quercus agrifolia - Coast Live Oak	214.29	
32 93 43 00-0242	EA	1 Gallon Rhamnus californica - Coffeeberry	7.13	
32 93 43 00-0243	EA	5 Gallon Rhamnus californica - Coffeeberry	20.40	
32 93 43 00-0244	EA	15 Gallon Rhamnus californica - Coffeeberry	61.22	
32 93 43 00-0245	EA	1 Gallon Rhus integrifolia - Lemonade Berry	7.13	
32 93 43 00-0246	EA	5 Gallon Rhus integrifolia - Lemonade Berry	20.40	
32 93 43 00-0247	EA	15 Gallon Rhus integrifolia - Lemonade Berry	61.22	
32 93 43 00-0248	EA	24" Box Rhus integrifolia - Lemonade Berry	204.09	
32 93 43 00-0249	EA	1 Gallon Ribes aureum - Golden Current	7.13	
32 93 43 00-0250	EA	5 Gallon Ribes aureum - Golden Current	20.40	
32 93 43 00-0251	EA	1 Gallon Ribes sanguineum - Red Flowering Currant	7.13	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0252	EA	5 Gallon Ribes sanguineum - Red Flowering Currant	20.40	
32 93 43 00-0253	EA	1 Gallon Ribes speciosum - Flowering Gooseberry	7.13	
32 93 43 00-0254	EA	5 Gallon Ribes speciosum - Flowering Gooseberry	20.40	
32 93 43 00-0255	EA	1 Gallon Ribes viburnifolium - Evergreen Currant	7.13	
32 93 43 00-0256	EA	5 Gallon Ribes viburnifolium - Evergreen Currant	20.40	
32 93 43 00-0257	EA	1-3/4" Caliper Sophora japonica - Japanese Pagoda	174.99	
32 93 43 00-0258	EA	2" Caliper Sophora japonica - Japanese Pagoda	196.86	
32 93 43 00-0259	EA	2-1/2" Caliper Sophora japonica - Japanese Pagoda	229.67	
32 93 43 00-0260	EA	3" Caliper Sophora japonica - Japanese Pagoda	335.92	
32 93 43 00-0261	EA	3-1/2" Caliper Sophora japonica - Japanese Pagoda	507.78	
32 93 43 00-0262	EA	1-1/2" Caliper Sorbus alnifolia - Korean Mountainash	130.89	
32 93 43 00-0263	EA	2" Caliper Sorbus alnifolia - Korean Mountainash	163.61	
32 93 43 00-0264	EA	2-1/2" Caliper Sorbus alnifolia - Korean Mountainash	202.87	
32 93 43 00-0265	EA	3" Caliper Sorbus alnifolia - Korean Mountainash	248.69	
32 93 43 00-0266	EA	3-1/2" Caliper Sorbus alnifolia - Korean Mountainash	301.04	
32 93 43 00-0267	EA	4" Caliper Sorbus alnifolia - Korean Mountainash	359.94	
32 93 43 00-0268	EA	1-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	170.15	
32 93 43 00-0269	EA	2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	183.24	
32 93 43 00-0270	EA	2-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	222.51	
32 93 43 00-0271	EA	4' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	104.71	
32 93 43 00-0272	EA	5' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	124.34	
32 93 43 00-0273	EA	6' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	143.98	
32 93 43 00-0274	EA	7' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	163.61	
32 93 43 00-0275	EA	8' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	189.79	
32 93 43 00-0276	EA	10' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	242.14	
32 93 43 00-0277	EA	12' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	274.86	
32 93 43 00-0278	EA	14' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	314.13	

32 93 43 00-0279 Shade Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0280	EA	3-1/2" To 4" Caliper Acer palmatum - Bloodgood Japanese Maple	292.02	
32 93 43 00-0281	EA	4" To 4-1/2" Caliper Acer palmatum - Bloodgood Japanese Maple	357.96	
32 93 43 00-0282	EA	4-1/2" To 5" Caliper Acer palmatum - Bloodgood Japanese Maple	466.29	
32 93 43 00-0283	EA	5" To 6" Caliper Acer palmatum - Bloodgood Japanese Maple	604.45	
32 93 43 00-0284	EA	2' To 2-1/2' Acer palmatum - Japanese Maple	30.80	
32 93 43 00-0285	EA	4' To 5' Acer palmatum - Japanese Maple	64.68	
32 93 43 00-0286	EA	5' To 6' Acer palmatum - Japanese Maple	84.70	
32 93 43 00-0287	EA	6' To 7' Acer palmatum - Japanese Maple	154.00	
32 93 43 00-0288	EA	7' To 8' Acer palmatum - Japanese Maple	215.60	
32 93 43 00-0289	EA	8' To 10' Acer palmatum - Japanese Maple	277.21	
32 93 43 00-0290	EA	10' To 12' Acer palmatum - Japanese Maple	369.61	
32 93 43 00-0291	EA	2" Caliper Acer platanoides & cvs - Norway Maple	157.00	
32 93 43 00-0292	EA	2" Caliper Acer platanoides & cvs - Norway Maple	191.13	
32 93 43 00-0293	EA	3" Caliper Acer platanoides & cvs - Norway Maple	245.74	
32 93 43 00-0294	EA	3-1/2" Caliper Acer platanoides & cvs - Norway Maple	286.70	
32 93 43 00-0295	EA	4" Caliper Acer platanoides & cvs - Norway Maple	307.17	
32 93 43 00-0296	EA	4-1/2" Caliper Acer platanoides & cvs - Norway Maple	334.48	
32 93 43 00-0297	EA	5" Caliper Acer platanoides & cvs - Norway Maple	375.43	
32 93 43 00-0298	EA	2" Caliper Acer rubrum & cvs - Red Maple	150.17	
32 93 43 00-0299	EA	2-1/2" Caliper Acer rubrum & cvs - Red Maple	191.13	
32 93 43 00-0300	EA	3" Caliper Acer rubrum & cvs - Red Maple	245.74	
32 93 43 00-0301	EA	3-1/2" Caliper Acer rubrum & cvs - Red Maple	300.35	
32 93 43 00-0302	EA	4" Caliper Acer rubrum & cvs - Red Maple	341.30	
32 93 43 00-0303	EA	4-1/2" Caliper Acer rubrum & cvs - Red Maple	395.91	
32 93 43 00-0304	EA	5" Caliper Acer rubrum & cvs - Red Maple	443.70	
32 93 43 00-0305	EA	8' Clump Form Acer rubrum & cvs - Red Maple	184.30	
32 93 43 00-0306	EA	10' Clump Form Acer rubrum & cvs - Red Maple	245.74	
32 93 43 00-0307	EA	12' Clump Form Acer rubrum & cvs - Red Maple	286.70	
32 93 43 00-0308	EA	14' Clump Form Acer rubrum & cvs - Red Maple	327.65	
32 93 43 00-0309	EA	16' Clump Form Acer rubrum & cvs - Red Maple	368.61	
32 93 43 00-0310	EA	18' Clump Form Acer rubrum & cvs - Red Maple	409.57	
32 93 43 00-0311	EA	2" Caliper Acer saccharinum & cvs - Silver Maple	122.87	
32 93 43 00-0312	EA	2-1/2" Caliper Acer saccharinum & cvs - Silver Maple	163.83	
32 93 43 00-0313	EA	3" Caliper Acer saccharinum & cvs - Silver Maple	204.78	
32 93 43 00-0314	EA	3-1/2" Caliper Acer saccharinum & cvs - Silver Maple	245.74	
32 93 43 00-0315	EA	4" Caliper Acer saccharinum & cvs - Silver Maple	286.70	
32 93 43 00-0316	EA	4-1/2" Caliper Acer saccharinum & cvs - Silver Maple	327.65	
32 93 43 00-0317	EA	5" Caliper Acer saccharinum & cvs - Silver Maple	368.61	
32 93 43 00-0318	EA	2" Caliper Acer saccharum & cvs - Sugar Maple	150.17	
32 93 43 00-0319	EA	2-1/2" Caliper Acer saccharum & cvs - Sugar Maple	197.96	
32 93 43 00-0320	EA	3" Caliper Acer saccharum & cvs - Sugar Maple	238.91	
32 93 43 00-0321	EA	3-1/2" Caliper Acer saccharum & cvs - Sugar Maple	273.04	
32 93 43 00-0322	EA	4" Caliper Acer saccharum & cvs - Sugar Maple	320.83	
32 93 43 00-0323	EA	4-1/2" Caliper Acer saccharum & cvs - Sugar Maple	368.61	
32 93 43 00-0324	EA	5" Caliper Acer saccharum & cvs - Sugar Maple	409.57	
32 93 43 00-0325	EA	10' Clump Form Acer saccharum & cvs - Sugar Maple	273.04	
32 93 43 00-0326	EA	12' Clump Form Acer saccharum & cvs - Sugar Maple	320.83	
32 93 43 00-0327	EA	14' Clump Form Acer saccharum & cvs - Sugar Maple	375.43	
32 93 43 00-0328	EA	16' Clump Form Acer saccharum & cvs - Sugar Maple	416.39	
32 93 43 00-0329	EA	18' Clump Form Acer saccharum & cvs - Sugar Maple	505.13	
32 93 43 00-0330	EA	20' Clump Form Acer saccharum & cvs - Sugar Maple	546.09	
32 93 43 00-0331	EA	2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	170.65	
32 93 43 00-0332	EA	2-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	211.61	
32 93 43 00-0333	EA	3" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	259.39	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0334	EA	3-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	300.35	
32 93 43 00-0335	EA	4" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	327.65	
32 93 43 00-0336	EA	4-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	361.78	
32 93 43 00-0337	EA	5" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	402.74	
32 93 43 00-0338	EA	10' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	245.74	
32 93 43 00-0339	EA	12' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	324.92	
32 93 43 00-0340	EA	14' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	378.17	
32 93 43 00-0341	EA	16' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	416.39	
32 93 43 00-0342	EA	18' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	505.13	
32 93 43 00-0343	EA	20' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	546.09	
32 93 43 00-0344	EA	2" Caliper Aesculus glabra - Ohio Buckeye	184.30	
32 93 43 00-0345	EA	2-1/2" Caliper Aesculus glabra - Ohio Buckeye	218.43	
32 93 43 00-0346	EA	3" Caliper Aesculus glabra - Ohio Buckeye	259.39	
32 93 43 00-0347	EA	3-1/2" Caliper Aesculus glabra - Ohio Buckeye	286.70	
32 93 43 00-0348	EA	4" Caliper Aesculus glabra - Ohio Buckeye	314.00	
32 93 43 00-0349	EA	4-1/2" Caliper Aesculus glabra - Ohio Buckeye	354.96	
32 93 43 00-0350	EA	5" Caliper Aesculus glabra - Ohio Buckeye	409.57	
32 93 43 00-0351	EA	2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	238.91	
32 93 43 00-0352	EA	2-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	266.22	
32 93 43 00-0353	EA	3" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	300.35	
32 93 43 00-0354	EA	3-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	341.30	
32 93 43 00-0355	EA	4" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	409.57	
32 93 43 00-0356	EA	2" Caliper Aesculus x carnea - Red Horsechestnut	238.91	
32 93 43 00-0357	EA	2-1/2" Caliper Aesculus x carnea - Red Horsechestnut	266.22	
32 93 43 00-0358	EA	3" Caliper Aesculus x carnea - Red Horsechestnut	300.35	
32 93 43 00-0359	EA	3-1/2" Caliper Aesculus x carnea - Red Horsechestnut	341.30	
32 93 43 00-0360	EA	4" Caliper Aesculus x carnea - Red Horsechestnut	409.57	
32 93 43 00-0361	EA	2" Caliper Alnus glutinosa - Common Alder, Black Alder	170.65	
32 93 43 00-0362	EA	2-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder	197.96	
32 93 43 00-0363	EA	3" Caliper Alnus glutinosa - Common Alder, Black Alder	225.26	
32 93 43 00-0364	EA	3-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder	259.39	
32 93 43 00-0365	EA	8' Clump Form Alnus glutinosa - Common Alder, Black Alder	177.48	
32 93 43 00-0366	EA	10' Clump Form Alnus glutinosa - Common Alder, Black Alder	218.43	
32 93 43 00-0367	EA	12' Clump Form Alnus glutinosa - Common Alder, Black Alder	245.74	
32 93 43 00-0368	EA	14' Clump Form Alnus glutinosa - Common Alder, Black Alder	273.04	
32 93 43 00-0369	EA	16' Clump Form Alnus glutinosa - Common Alder, Black Alder	307.17	
32 93 43 00-0370	EA	18' Clump Form Alnus glutinosa - Common Alder, Black Alder	341.30	
32 93 43 00-0371	EA	2" Caliper Betula nigra - River Birch	170.65	
32 93 43 00-0372	EA	2-1/2" Caliper Betula nigra - River Birch	193.25	
32 93 43 00-0373	EA	3" Caliper Betula nigra - River Birch	218.43	
32 93 43 00-0374	EA	3-1/2" Caliper Betula nigra - River Birch	273.04	
32 93 43 00-0375	EA	4" Caliper Betula nigra - River Birch	307.17	
32 93 43 00-0376	EA	4-1/2" Caliper Betula nigra - River Birch	341.30	
32 93 43 00-0377	EA	5" Caliper Betula nigra - River Birch	375.43	
32 93 43 00-0378	EA	8' Clump Form Betula nigra - River Birch	157.00	
32 93 43 00-0379	EA	10' Clump Form Betula nigra - River Birch	177.48	
32 93 43 00-0380	EA	12' Clump Form Betula nigra - River Birch	204.78	
32 93 43 00-0381	EA	14' Clump Form Betula nigra - River Birch	238.91	
32 93 43 00-0382	EA	16' Clump Form Betula nigra - River Birch	273.04	
32 93 43 00-0383	EA	12' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	204.78	
32 93 43 00-0384	EA	14' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	245.74	
32 93 43 00-0385	EA	16' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	286.70	
32 93 43 00-0386	EA	18' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	341.30	
32 93 43 00-0387	EA	20' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	354.96	
32 93 43 00-0388	EA	10' - 12' Bursera Simaruba - Gumbo Limbo	86.35	
32 93 43 00-0389	EA	12' - 14' Bursera Simaruba - Gumbo Limbo	102.05	
32 93 43 00-0390	EA	14' - 16' Bursera Simaruba - Gumbo Limbo	141.30	
32 93 43 00-0391	EA	17' - 18' Bursera Simaruba - Gumbo Limbo	183.69	
32 93 43 00-0392	EA	19' - 20' Bursera Simaruba - Gumbo Limbo	204.10	
32 93 43 00-0393	EA	21' - 22' Bursera Simaruba - Gumbo Limbo	241.78	
32 93 43 00-0394	EA	2" Caliper Carpinus betulus & cvs - European Hornbeam	273.04	
32 93 43 00-0395	EA	2-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	307.17	
32 93 43 00-0396	EA	3" Caliper Carpinus betulus & cvs - European Hornbeam	354.96	
32 93 43 00-0397	EA	3-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	430.04	
32 93 43 00-0398	EA	6' Clump Form Carpinus betulus & cvs - European Hornbeam	122.87	
32 93 43 00-0399	EA	7' Clump Form Carpinus betulus & cvs - European Hornbeam	170.65	
32 93 43 00-0400	EA	8' Clump Form Carpinus betulus & cvs - European Hornbeam	211.61	
32 93 43 00-0401	EA	2" Caliper Catalpa speciosa - Northern Catalpa	150.17	
32 93 43 00-0402	EA	2-1/2" Caliper Catalpa speciosa - Northern Catalpa	204.78	
32 93 43 00-0403	EA	3" Caliper Catalpa speciosa - Northern Catalpa	266.22	
32 93 43 00-0404	EA	3-1/2" Caliper Catalpa speciosa - Northern Catalpa	320.83	
32 93 43 00-0405	EA	4" Caliper Catalpa speciosa - Northern Catalpa	368.61	
32 93 43 00-0406	EA	2" Caliper Celtis occidentalis & cvs - Common Hackberry	191.13	
32 93 43 00-0407	EA	2-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	218.43	
32 93 43 00-0408	EA	3" Caliper Celtis occidentalis & cvs - Common Hackberry	266.22	
32 93 43 00-0409	EA	3-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	314.00	
32 93 43 00-0410	EA	4" Caliper Celtis occidentalis & cvs - Common Hackberry	361.78	
32 93 43 00-0411	EA	4-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	409.57	
32 93 43 00-0412	EA	3" Caliper Cercidiphyllum japonicum - Katsuratree	238.91	
32 93 43 00-0413	EA	3-1/2" Caliper Cercidiphyllum japonicum - Katsuratree	273.04	
32 93 43 00-0414	EA	4" Caliper Cercidiphyllum japonicum - Katsuratree	320.83	
32 93 43 00-0415	EA	5" Caliper Cercidiphyllum japonicum - Katsuratree	382.26	
32 93 43 00-0416	EA	6' Clump Form Cercidiphyllum japonicum - Katsuratree	191.13	
32 93 43 00-0417	EA	7' Clump Form Cercidiphyllum japonicum - Katsuratree	225.26	
32 93 43 00-0418	EA	8' Clump Form Cercidiphyllum japonicum - Katsuratree	273.04	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0419	EA	10' Clump Form Cercidiphyllum japonicum - Katsuratree	341.30	
32 93 43 00-0420	EA	12' Clump Form Cercidiphyllum japonicum - Katsuratree	409.57	
32 93 43 00-0421	EA	2" Caliper Cladrastus lutea - American Yellowwood	341.30	
32 93 43 00-0422	EA	2-1/2" Caliper Cladrastus lutea - American Yellowwood	409.57	
32 93 43 00-0423	EA	3" Caliper Cladrastus lutea - American Yellowwood	477.83	
32 93 43 00-0424	EA	3-1/2" Caliper Cladrastus lutea - American Yellowwood	546.09	
32 93 43 00-0425	EA	2" Caliper Corylus colurna - Turkish Filbert	211.61	
32 93 43 00-0426	EA	2-1/2" Caliper Corylus colurna - Turkish Filbert	238.91	
32 93 43 00-0427	EA	3" Caliper Corylus colurna - Turkish Filbert	273.04	
32 93 43 00-0428	EA	3-1/2" Caliper Corylus colurna - Turkish Filbert	314.00	
32 93 43 00-0429	EA	4" Caliper Corylus colurna - Turkish Filbert	375.43	
32 93 43 00-0430	EA	4-1/2" Caliper Corylus colurna - Turkish Filbert	436.87	
32 93 43 00-0431	EA	5" Caliper Corylus colurna - Turkish Filbert	498.30	
32 93 43 00-0432	EA	8' Clump Form Corylus colurna - Turkish Filbert	191.13	
32 93 43 00-0433	EA	10' Clump Form Corylus colurna - Turkish Filbert	232.09	
32 93 43 00-0434	EA	12' Clump Form Corylus colurna - Turkish Filbert	273.04	
32 93 43 00-0435	EA	14' Clump Form Corylus colurna - Turkish Filbert	307.17	
32 93 43 00-0436	EA	16' Clump Form Corylus colurna - Turkish Filbert	341.30	
32 93 43 00-0437	EA	1-1/2" Caliper Diospyros virginiana - Common Persimmon	122.87	
32 93 43 00-0438	EA	2" Caliper Diospyros virginiana - Common Persimmon	150.17	
32 93 43 00-0439	EA	2-1/2" Caliper Diospyros virginiana - Common Persimmon	191.13	
32 93 43 00-0440	EA	3" Caliper Diospyros virginiana - Common Persimmon	238.91	
32 93 43 00-0441	EA	3-1/2" Caliper Diospyros virginiana - Common Persimmon	286.70	
32 93 43 00-0442	EA	1-1/2" Caliper Fagus grandifolia - American Beech	273.04	
32 93 43 00-0443	EA	2" Caliper Fagus grandifolia - American Beech	354.96	
32 93 43 00-0444	EA	2-1/2" Caliper Fagus grandifolia - American Beech	450.52	
32 93 43 00-0445	EA	3" Caliper Fagus grandifolia - American Beech	546.09	
32 93 43 00-0446	EA	3-1/2" Caliper Fagus grandifolia - American Beech	648.48	
32 93 43 00-0447	EA	2" Caliper Fagus sylvatica & cvs - European Beech	307.17	
32 93 43 00-0448	EA	2-1/2" Caliper Fagus sylvatica & cvs - European Beech	368.61	
32 93 43 00-0449	EA	3" Caliper Fagus sylvatica & cvs - European Beech	443.70	
32 93 43 00-0450	EA	3-1/2" Caliper Fagus sylvatica & cvs - European Beech	491.48	
32 93 43 00-0451	EA	4" Caliper Fagus sylvatica & cvs - European Beech	580.22	
32 93 43 00-0452	EA	4-1/2" Caliper Fagus sylvatica & cvs - European Beech	750.87	
32 93 43 00-0453	EA	5" Caliper Fagus sylvatica & cvs - European Beech	887.39	
32 93 43 00-0454	EA	2" Caliper Fraxinus americana & cvs - White Ash	170.65	
32 93 43 00-0455	EA	2-1/2" Caliper Fraxinus americana & cvs - White Ash	204.78	
32 93 43 00-0456	EA	3" Caliper Fraxinus americana & cvs - White Ash	259.39	
32 93 43 00-0457	EA	3-1/2" Caliper Fraxinus americana & cvs - White Ash	314.00	
32 93 43 00-0458	EA	4" Caliper Fraxinus americana & cvs - White Ash	368.61	
32 93 43 00-0459	EA	4-1/2" Caliper Fraxinus americana & cvs - White Ash	409.57	
32 93 43 00-0460	EA	5" Caliper Fraxinus americana & cvs - White Ash	477.83	
32 93 43 00-0461	EA	2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	150.17	
32 93 43 00-0462	EA	2-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	177.48	
32 93 43 00-0463	EA	3" Caliper Fraxinus pennsylvanica & cvs - Green Ash	238.91	
32 93 43 00-0464	EA	3-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	286.70	
32 93 43 00-0465	EA	4" Caliper Fraxinus pennsylvanica & cvs - Green Ash	341.30	
32 93 43 00-0466	EA	4-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	368.61	
32 93 43 00-0467	EA	5" Caliper Fraxinus pennsylvanica & cvs - Green Ash	409.57	
32 93 43 00-0468	EA	1-1/2" Caliper Fraxinus quadrangulata - Blue Ash	204.78	
32 93 43 00-0469	EA	2" Caliper Fraxinus quadrangulata - Blue Ash	252.57	
32 93 43 00-0470	EA	2-1/2" Caliper Fraxinus quadrangulata - Blue Ash	307.17	
32 93 43 00-0471	EA	3" Caliper Fraxinus quadrangulata - Blue Ash	375.43	
32 93 43 00-0472	EA	3-1/2" Caliper Fraxinus quadrangulata - Blue Ash	443.70	
32 93 43 00-0473	EA	1-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	238.91	
32 93 43 00-0474	EA	2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	266.22	
32 93 43 00-0475	EA	2-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	300.35	
32 93 43 00-0476	EA	3" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	334.48	
32 93 43 00-0477	EA	3-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	375.43	
32 93 43 00-0478	EA	4" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	409.57	
32 93 43 00-0479	EA	4-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	614.35	
32 93 43 00-0480	EA	5" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	682.61	
32 93 43 00-0481	EA	2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	163.83	
32 93 43 00-0482	EA	2-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	204.78	
32 93 43 00-0483	EA	3" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	245.74	
32 93 43 00-0484	EA	3-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	286.70	
32 93 43 00-0485	EA	4" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	327.65	
32 93 43 00-0486	EA	4-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	368.61	
32 93 43 00-0487	EA	5" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	436.87	
32 93 43 00-0488	EA	2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	211.61	
32 93 43 00-0489	EA	2-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	259.39	
32 93 43 00-0490	EA	3" Caliper Gymnocladus dioicus - Kentucky Coffeetree	307.17	
32 93 43 00-0491	EA	3-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	361.78	
32 93 43 00-0492	EA	4" Caliper Gymnocladus dioicus - Kentucky Coffeetree	409.57	
32 93 43 00-0493	EA	4-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	457.35	
32 93 43 00-0494	EA	5" Caliper Gymnocladus dioicus - Kentucky Coffeetree	511.96	
32 93 43 00-0495	EA	1-1/2" Caliper Juglans cinerea - Butternut	163.83	
32 93 43 00-0496	EA	2" Caliper Juglans cinerea - Butternut	191.13	
32 93 43 00-0497	EA	2-1/2" Caliper Juglans cinerea - Butternut	238.91	
32 93 43 00-0498	EA	3" Caliper Juglans cinerea - Butternut	300.35	
32 93 43 00-0499	EA	3-1/2" Caliper Juglans cinerea - Butternut	368.61	
32 93 43 00-0500	EA	1-1/2" Caliper Juglans nigra - Black Walnut	163.83	
32 93 43 00-0501	EA	2" Caliper Juglans nigra - Black Walnut	191.13	
32 93 43 00-0502	EA	2-1/2" Caliper Juglans nigra - Black Walnut	238.91	
32 93 43 00-0503	EA	3" Caliper Juglans nigra - Black Walnut	300.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0504	EA	3-1/2" Caliper Juglans nigra - Black Walnut	368.61	
32 93 43 00-0505	EA	4" Caliper Juglans nigra - Black Walnut	443.70	
32 93 43 00-0506	EA	4-1/2" Caliper Juglans nigra - Black Walnut	511.96	
32 93 43 00-0507	EA	5" Caliper Juglans nigra - Black Walnut	580.22	
32 93 43 00-0508	EA	5 Gallon Koelreuteria Paniculata - Goldenrain Tree	18.48	
32 93 43 00-0509	EA	15 Gallon Koelreuteria Paniculata - Goldenrain Tree	46.20	
32 93 43 00-0510	EA	20 Gallon Koelreuteria Paniculata - Goldenrain Tree	92.40	
32 93 43 00-0511	EA	55 Gallon Koelreuteria Paniculata - Goldenrain Tree	120.12	
32 93 43 00-0512	EA	1-1/2" To 2" Caliper Koelreuteria Paniculata - Goldenrain Tree	87.78	
32 93 43 00-0513	EA	2" To 2-1/2" Caliper Koelreuteria Paniculata - Goldenrain Tree	106.26	
32 93 43 00-0514	EA	2-1/2" To 3" Caliper Koelreuteria Paniculata - Goldenrain Tree	147.84	
32 93 43 00-0515	EA	1-1/2" Caliper Liquidambar styraciflua - American Sweetgum	218.43	
32 93 43 00-0516	EA	2" Caliper Liquidambar styraciflua - American Sweetgum	273.04	
32 93 43 00-0517	EA	2-1/2" Caliper Liquidambar styraciflua - American Sweetgum	341.30	
32 93 43 00-0518	EA	3" Caliper Liquidambar styraciflua - American Sweetgum	409.57	
32 93 43 00-0519	EA	3-1/2" Caliper Liquidambar styraciflua - American Sweetgum	477.83	
32 93 43 00-0520	EA	1-1/2" Caliper Liriodendron tulipifera - Tulip Tree	218.43	
32 93 43 00-0521	EA	2" Caliper Liriodendron tulipifera - Tulip Tree	300.35	
32 93 43 00-0522	EA	2-1/2" Caliper Liriodendron tulipifera - Tulip Tree	354.96	
32 93 43 00-0523	EA	3" Caliper Liriodendron tulipifera - Tulip Tree	409.57	
32 93 43 00-0524	EA	3-1/2" Caliper Liriodendron tulipifera - Tulip Tree	464.17	
32 93 43 00-0525	EA	8' Clump Form Liriodendron tulipifera - Tulip Tree	163.83	
32 93 43 00-0526	EA	10' Clump Form Liriodendron tulipifera - Tulip Tree	293.52	
32 93 43 00-0527	EA	12' Clump Form Liriodendron tulipifera - Tulip Tree	354.96	
32 93 43 00-0528	EA	1-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	218.43	
32 93 43 00-0529	EA	2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	273.04	
32 93 43 00-0530	EA	2-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	341.30	
32 93 43 00-0531	EA	3" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	409.57	
32 93 43 00-0532	EA	3-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	477.83	
32 93 43 00-0533	EA	4' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	95.57	
32 93 43 00-0534	EA	5' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	109.22	
32 93 43 00-0535	EA	6' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	129.70	
32 93 43 00-0536	EA	7' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	163.83	
32 93 43 00-0537	EA	8' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	204.78	
32 93 43 00-0538	EA	2" Caliber Ostrya virginiana - American Hophornbeam	177.48	
32 93 43 00-0539	EA	2-1/2" Caliber Ostrya virginiana - American Hophornbeam	225.26	
32 93 43 00-0540	EA	3" Caliber Ostrya virginiana - American Hophornbeam	273.04	
32 93 43 00-0541	EA	3-1/2" Caliber Ostrya virginiana - American Hophornbeam	320.83	
32 93 43 00-0542	EA	4" Caliber Ostrya virginiana - American Hophornbeam	389.09	
32 93 43 00-0543	EA	2" Caliber Phellodendron amurense - Amur Corktree	136.52	
32 93 43 00-0544	EA	2-1/2" Caliber Phellodendron amurense - Amur Corktree	170.65	
32 93 43 00-0545	EA	3" Caliber Phellodendron amurense - Amur Corktree	204.78	
32 93 43 00-0546	EA	3-1/2" Caliber Phellodendron amurense - Amur Corktree	238.91	
32 93 43 00-0547	EA	4" Caliber Phellodendron amurense - Amur Corktree	273.04	
32 93 43 00-0548	EA	4-1/2" Caliber Phellodendron amurense - Amur Corktree	307.17	
32 93 43 00-0549	EA	5" Caliber Phellodendron amurense - Amur Corktree	341.30	
32 93 43 00-0550	EA	30" Box Platanus Occidentalis - Buttonwood Sycamore	296.56	
32 93 43 00-0551	EA	36" Box Platanus Occidentalis - Buttonwood Sycamore	431.36	
32 93 43 00-0552	EA	42" Box Platanus occidentalis - Buttonwood Sycamore	641.68	
32 93 43 00-0553	EA	1-1/2" To 2" Caliper Platanus occidentalis - Buttonwood Sycamore	99.23	
32 93 43 00-0554	EA	2" To 2-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	118.63	
32 93 43 00-0555	EA	2-1/2" To 3" Caliper Platanus occidentalis - Buttonwood Sycamore	161.76	
32 93 43 00-0556	EA	3" To 3-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	196.30	
32 93 43 00-0557	EA	8' To 10' Platanus occidentalis - Green Or Silver Buttonwood	81.64	
32 93 43 00-0558	EA	10' To 12' Platanus occidentalis - Green Or Silver Buttonwood	102.05	
32 93 43 00-0559	EA	12' To 14' Platanus occidentalis - Green Or Silver Buttonwood	180.55	
32 93 43 00-0560	EA	16' To 18' Platanus occidentalis - Green Or Silver Buttonwood	259.05	
32 93 43 00-0561	EA	2" Caliber Platanus x acerifolia & cvs - London Planetree	163.83	
32 93 43 00-0562	EA	2-1/2" Caliber Platanus x acerifolia & cvs - London Planetree	197.96	
32 93 43 00-0563	EA	3" Caliber Platanus x acerifolia & cvs - London Planetree	238.91	
32 93 43 00-0564	EA	3-1/2" Caliber Platanus x acerifolia & cvs - London Planetree	286.70	
32 93 43 00-0565	EA	4" Caliber Platanus x acerifolia & cvs - London Planetree	341.30	
32 93 43 00-0566	EA	2" Caliber Populus alba & cvs - White Poplar	163.83	
32 93 43 00-0567	EA	2-1/2" Caliber Populus alba & cvs - White Poplar	191.13	
32 93 43 00-0568	EA	3" Caliber Populus alba & cvs - White Poplar	218.43	
32 93 43 00-0569	EA	3-1/2" Caliber Populus alba & cvs - White Poplar	259.39	
32 93 43 00-0570	EA	4" Caliber Populus alba & cvs - White Poplar	286.70	
32 93 43 00-0571	EA	4-1/2" Caliber Populus alba & cvs - White Poplar	327.65	
32 93 43 00-0572	EA	2" Caliber Populus deltoides & cvs - Eastern Cottonwood	150.17	
32 93 43 00-0573	EA	2-1/2" Caliber Populus deltoides & cvs - Eastern Cottonwood	197.96	
32 93 43 00-0574	EA	3" Caliber Populus deltoides & cvs - Eastern Cottonwood	238.91	
32 93 43 00-0575	EA	3-1/2" Caliber Populus deltoides & cvs - Eastern Cottonwood	286.70	
32 93 43 00-0576	EA	4" Caliber Populus deltoides & cvs - Eastern Cottonwood	341.30	
32 93 43 00-0577	EA	6' To 8' Quercus acutissima - Sawtooth Oak	51.33	
32 93 43 00-0578	EA	8' To 10' Quercus acutissima - Sawtooth Oak	77.00	
32 93 43 00-0579	EA	10' To 12' Quercus acutissima - Sawtooth Oak	89.84	
32 93 43 00-0580	EA	1-1/2" To 2" Caliper Quercus acutissima - Sawtooth Oak	102.67	
32 93 43 00-0581	EA	2" To 2-1/2" Caliper Quercus acutissima - Sawtooth Oak	115.50	
32 93 43 00-0582	EA	3" To 3-1/2" Caliper Quercus virginiana - Live Oak	406.57	
32 93 43 00-0583	EA	3-1/2" To 4" Caliper Quercus virginiana - Live Oak	547.93	
32 93 43 00-0584	EA	4" To 4-1/2" Caliper Quercus virginiana - Live Oak	741.04	
32 93 43 00-0585	EA	4-1/2" To 5" Caliper Quercus virginiana - Live Oak	989.10	
32 93 43 00-0586	EA	5" To 5-1/2" Caliper Quercus virginiana - Live Oak	1,193.20	
32 93 43 00-0587	EA	5-1/2" To 6" Caliper Quercus virginiana - Live Oak	1,318.80	
32 93 43 00-0588	EA	6" To 6-1/2" Caliper Quercus virginiana - Live Oak	1,774.10	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0589	EA	6-1/2" To 7" Caliper Quercus Virginiana - Live Oak	2,229.40	
32 93 43 00-0590	EA	7" To 7-1/2" Caliper Quercus virginiana - Live Oak	2,684.70	
32 93 43 00-0591	EA	7-1/2" To 8" Caliper Quercus virginiana - Live Oak	3,257.75	
32 93 43 00-0592	EA	8" To 8-1/2" Caliper Quercus virginiana - Live Oak	3,830.80	
32 93 43 00-0593	EA	2" Caliber Quercus alba - White Oak	204.78	
32 93 43 00-0594	EA	2-1/2" Caliber Quercus alba - White Oak	238.91	
32 93 43 00-0595	EA	3" Caliber Quercus alba - White Oak	300.35	
32 93 43 00-0596	EA	3-1/2" Caliber Quercus alba - White Oak	375.43	
32 93 43 00-0597	EA	4" Caliber Quercus alba - White Oak	443.70	
32 93 43 00-0598	EA	4-1/2" Caliber Quercus alba - White Oak	546.09	
32 93 43 00-0599	EA	5" Caliber Quercus alba - White Oak	648.48	
32 93 43 00-0600	EA	2" Caliber Quercus bicolor - Swamp White Oak	238.91	
32 93 43 00-0601	EA	2-1/2" Caliber Quercus bicolor - Swamp White Oak	273.04	
32 93 43 00-0602	EA	3" Caliber Quercus bicolor - Swamp White Oak	314.00	
32 93 43 00-0603	EA	3-1/2" Caliber Quercus bicolor - Swamp White Oak	348.13	
32 93 43 00-0604	EA	4" Caliber Quercus bicolor - Swamp White Oak	395.91	
32 93 43 00-0605	EA	4-1/2" Caliber Quercus bicolor - Swamp White Oak	436.87	
32 93 43 00-0606	EA	5" Caliber Quercus bicolor - Swamp White Oak	491.48	
32 93 43 00-0607	EA	10' Clump Form Quercus bicolor - Swamp White Oak	341.30	
32 93 43 00-0608	EA	12' Clump Form Quercus bicolor - Swamp White Oak	409.57	
32 93 43 00-0609	EA	14' Clump Form Quercus bicolor - Swamp White Oak	477.83	
32 93 43 00-0610	EA	16' Clump Form Quercus bicolor - Swamp White Oak	546.09	
32 93 43 00-0611	EA	2" Caliper Quercus coccinea - Scarlet Oak	177.48	
32 93 43 00-0612	EA	2-1/2" Caliper Quercus coccinea - Scarlet Oak	225.26	
32 93 43 00-0613	EA	3" Caliper Quercus coccinea - Scarlet Oak	279.87	
32 93 43 00-0614	EA	3-1/2" Caliper Quercus coccinea - Scarlet Oak	341.30	
32 93 43 00-0615	EA	4" Caliper Quercus coccinea - Scarlet Oak	409.57	
32 93 43 00-0616	EA	4-1/2" Caliper Quercus coccinea - Scarlet Oak	484.65	
32 93 43 00-0617	EA	5" Caliper Quercus coccinea - Scarlet Oak	566.57	
32 93 43 00-0618	EA	1-1/2" Caliper Quercus imbricaria - Shingle Oak	177.48	
32 93 43 00-0619	EA	2" Caliper Quercus imbricaria - Shingle Oak	238.91	
32 93 43 00-0620	EA	2-1/2" Caliper Quercus imbricaria - Shingle Oak	320.83	
32 93 43 00-0621	EA	3" Caliper Quercus imbricaria - Shingle Oak	477.83	
32 93 43 00-0622	EA	3-1/2" Caliper Quercus imbricaria - Shingle Oak	648.48	
32 93 43 00-0623	EA	1-1/2" Caliper Quercus macrocarpa - Bur Oak	177.48	
32 93 43 00-0624	EA	2" Caliper Quercus macrocarpa - Bur Oak	211.61	
32 93 43 00-0625	EA	2-1/2" Caliper Quercus macrocarpa - Bur Oak	252.57	
32 93 43 00-0626	EA	3" Caliper Quercus macrocarpa - Bur Oak	307.17	
32 93 43 00-0627	EA	3-1/2" Caliper Quercus macrocarpa - Bur Oak	375.43	
32 93 43 00-0628	EA	4" Caliper Quercus macrocarpa - Bur Oak	443.70	
32 93 43 00-0629	EA	9' Clump Form Quercus macrocarpa - Bur Oak	409.57	
32 93 43 00-0630	EA	10' Clump Form Quercus macrocarpa - Bur Oak	477.83	
32 93 43 00-0631	EA	12' Clump Form Quercus macrocarpa - Bur Oak	546.09	
32 93 43 00-0632	EA	2" Caliber Quercus palustris - Pin Oak	150.17	
32 93 43 00-0633	EA	2-1/2" Caliber Quercus palustris - Pin Oak	204.78	
32 93 43 00-0634	EA	3" Caliber Quercus palustris - Pin Oak	266.22	
32 93 43 00-0635	EA	3-1/2" Caliber Quercus palustris - Pin Oak	307.17	
32 93 43 00-0636	EA	4" Caliber Quercus palustris - Pin Oak	354.96	
32 93 43 00-0637	EA	4-1/2" Caliber Quercus palustris - Pin Oak	402.74	
32 93 43 00-0638	EA	5" Caliber Quercus palustris - Pin Oak	443.70	
32 93 43 00-0639	EA	2" Caliber Quercus robur & cvs - English Oak	177.48	
32 93 43 00-0640	EA	2-1/2" Caliber Quercus robur & cvs - English Oak	218.43	
32 93 43 00-0641	EA	3" Caliber Quercus robur & cvs - English Oak	259.39	
32 93 43 00-0642	EA	3-1/2" Caliber Quercus robur & cvs - English Oak	307.17	
32 93 43 00-0643	EA	4" Caliber Quercus robur & cvs - English Oak	354.96	
32 93 43 00-0644	EA	4-1/2" Caliber Quercus robur & cvs - English Oak	409.57	
32 93 43 00-0645	EA	5" Caliber Quercus robur & cvs - English Oak	464.17	
32 93 43 00-0646	EA	2" Caliber Quercus rubra - Red Oak	204.78	
32 93 43 00-0647	EA	2-1/2" Caliber Quercus rubra - Red Oak	238.91	
32 93 43 00-0648	EA	3" Caliber Quercus rubra - Red Oak	286.70	
32 93 43 00-0649	EA	3-1/2" Caliber Quercus rubra - Red Oak	341.30	
32 93 43 00-0650	EA	4" Caliber Quercus rubra - Red Oak	409.57	
32 93 43 00-0651	EA	4-1/2" Caliber Quercus rubra - Red Oak	477.83	
32 93 43 00-0652	EA	5" Caliber Quercus rubra - Red Oak	546.09	
32 93 43 00-0653	EA	16' Clump Form Quercus rubra - Red Oak	443.70	
32 93 43 00-0654	EA	18' Clump Form Quercus rubra - Red Oak	532.43	
32 93 43 00-0655	EA	20' Clump Form Quercus rubra - Red Oak	593.87	
32 93 43 00-0656	EA	2" Caliber Quercus shumardii - Shumard Oak	232.09	
32 93 43 00-0657	EA	2-1/2" Caliber Quercus shumardii - Shumard Oak	293.52	
32 93 43 00-0658	EA	3" Caliber Quercus shumardii - Shumard Oak	341.30	
32 93 43 00-0659	EA	3-1/2" Caliber Quercus shumardii - Shumard Oak	409.57	
32 93 43 00-0660	EA	4" Caliber Quercus shumardii - Shumard Oak	477.83	
32 93 43 00-0661	EA	4-1/2" Caliber Quercus shumardii - Shumard Oak	546.09	
32 93 43 00-0662	EA	5" Caliber Quercus shumardii - Shumard Oak	614.35	
32 93 43 00-0663	EA	2" Caliber Quercus schuettii - Swamp Bur Oak	204.78	
32 93 43 00-0664	EA	2-1/2" Caliber Quercus schuettii - Swamp Bur Oak	245.74	
32 93 43 00-0665	EA	3" Caliber Quercus schuettii - Swamp Bur Oak	307.17	
32 93 43 00-0666	EA	3-1/2" Caliber Quercus schuettii - Swamp Bur Oak	375.43	
32 93 43 00-0667	EA	4" Caliber Quercus schuettii - Swamp Bur Oak	436.87	
32 93 43 00-0668	EA	4-1/2" Caliber Quercus schuettii - Swamp Bur Oak	491.48	
32 93 43 00-0669	EA	24" Box Salix babylonica - Weeping Willow	172.54	
32 93 43 00-0670	EA	36" Box Salix babylonica - Weeping Willow	431.36	
32 93 43 00-0671	EA	1-1/2" To 2" Caliper Salix babylonica - Weeping Willow	99.23	
32 93 43 00-0672	EA	2" To 2-1/2" Caliper Salix babylonica - Weeping Willow	118.63	
32 93 43 00-0673	EA	2-1/2" To 3" Caliper Salix babylonica - Weeping Willow	129.41	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0674	EA	2" Caliper Salix alba & cvs - White Willow	109.22	
32 93 43 00-0675	EA	2-1/2" Caliper Salix alba & cvs - White Willow	129.70	
32 93 43 00-0676	EA	3" Caliper Salix alba & cvs - White Willow	170.65	
32 93 43 00-0677	EA	3-1/2" Caliper Salix alba & cvs - White Willow	204.78	
32 93 43 00-0678	EA	4" Caliper Salix alba & cvs - White Willow	245.74	
32 93 43 00-0679	EA	4-1/2" Caliper Salix alba & cvs - White Willow	286.70	
32 93 43 00-0680	EA	5" Caliper Salix alba & cvs - White Willow	327.65	
32 93 43 00-0681	EA	5' Clump Form Sassafras albidum - Common Sassafras	129.70	
32 93 43 00-0682	EA	6' Clump Form Sassafras albidum - Common Sassafras	157.00	
32 93 43 00-0683	EA	7' Clump Form Sassafras albidum - Common Sassafras	197.96	
32 93 43 00-0684	EA	8' Clump Form Sassafras albidum - Common Sassafras	225.26	
32 93 43 00-0685	EA	10' Clump Form Sassafras albidum - Common Sassafras	252.57	
32 93 43 00-0686	EA	12' Clump Form Sassafras albidum - Common Sassafras	307.17	
32 93 43 00-0687	EA	14' Clump Form Sassafras albidum - Common Sassafras	375.43	
32 93 43 00-0688	EA	16' Clump Form Sassafras albidum - Common Sassafras	443.70	
32 93 43 00-0689	EA	1-3/4" Caliper Sophora japonica - Chinese Scholar	226.08	
32 93 43 00-0690	EA	2" Caliper Sophora japonica - Chinese Scholar	251.20	
32 93 43 00-0691	EA	2-1/2" Caliper Sophora japonica - Chinese Scholar	337.55	
32 93 43 00-0692	EA	3" Caliper Sophora japonica - Chinese Scholar	439.60	
32 93 43 00-0693	EA	3-1/2" Caliper Sophora japonica - Chinese Scholar	510.25	
32 93 43 00-0694	EA	10' To 12' Swietenia Mahagoni - Mahogany	120.89	
32 93 43 00-0695	EA	12' To 14' Swietenia Mahagoni - Mahogany	141.30	
32 93 43 00-0696	EA	14' To 16' Swietenia Mahagoni - Mahogany	188.40	
32 93 43 00-0697	EA	16' To 18' Swietenia Mahagoni - Mahogany	211.95	
32 93 43 00-0698	EA	2" Caliper Taxodium distichum - Common Bald Cypress	170.65	
32 93 43 00-0699	EA	2-1/2" Caliper Taxodium distichum - Common Bald Cypress	197.96	
32 93 43 00-0700	EA	3" Caliper Taxodium distichum - Common Bald Cypress	238.91	
32 93 43 00-0701	EA	3-1/2" Caliper Taxodium distichum - Common Bald Cypress	273.04	
32 93 43 00-0702	EA	4" Caliper Taxodium distichum - Common Bald Cypress	300.35	
32 93 43 00-0703	EA	6' Clump Form Taxodium distichum - Common Bald Cypress	150.17	
32 93 43 00-0704	EA	7' Clump Form Taxodium distichum - Common Bald Cypress	170.65	
32 93 43 00-0705	EA	8' Clump Form Taxodium distichum - Common Bald Cypress	245.74	
32 93 43 00-0706	EA	10' Clump Form Taxodium distichum - Common Bald Cypress	273.04	
32 93 43 00-0707	EA	12' Clump Form Taxodium distichum - Common Bald Cypress	307.17	
32 93 43 00-0708	EA	14' Clump Form Taxodium distichum - Common Bald Cypress	354.96	
32 93 43 00-0709	EA	16' Clump Form Taxodium distichum - Common Bald Cypress	409.57	
32 93 43 00-0710	EA	2' Thuja occidentalis - American Arborviatae	23.39	
32 93 43 00-0711	EA	2-1/2' Thuja occidentalis - American Arborviatae	25.28	
32 93 43 00-0712	EA	3' Thuja occidentalis - American Arborviatae	36.11	
32 93 43 00-0713	EA	4' Thuja occidentalis - American Arborviatae	49.61	
32 93 43 00-0714	EA	5' Thuja occidentalis - American Arborviatae	69.08	
32 93 43 00-0715	EA	6' Thuja occidentalis - American Arborviatae	95.77	
32 93 43 00-0716	EA	7' Thuja occidentalis - American Arborviatae	116.18	
32 93 43 00-0717	EA	8' Thuja occidentalis - American Arborviatae	163.28	
32 93 43 00-0718	EA	2" Caliper Tilia americana & cvs - American Linden Basswood	170.65	
32 93 43 00-0719	EA	2-1/2" Caliper Tilia americana & cvs - American Linden Basswood	197.96	
32 93 43 00-0720	EA	3" Caliper Tilia americana & cvs - American Linden Basswood	252.57	
32 93 43 00-0721	EA	3-1/2" Caliper Tilia americana & cvs - American Linden Basswood	293.52	
32 93 43 00-0722	EA	4" Caliper Tilia americana & cvs - American Linden; Basswood	334.48	
32 93 43 00-0723	EA	4-1/2" Caliper Tilia americana & cvs - American Linden Basswood	375.43	
32 93 43 00-0724	EA	5" Caliper Tilia americana & cvs - American Linden Basswood	409.57	
32 93 43 00-0725	EA	10' Clump Form Tilia americana & cvs - American Linden Basswood	218.43	
32 93 43 00-0726	EA	12' Clump Form Tilia americana & cvs - American Linden Basswood	238.91	
32 93 43 00-0727	EA	14' Clump Form Tilia americana & cvs - American Linden Basswood	273.04	
32 93 43 00-0728	EA	16' Clump Form Tilia americana & cvs - American Linden Basswood	314.00	
32 93 43 00-0729	EA	2" Caliper Tilia cordata & cvs - Littleleaf Linden	171.68	
32 93 43 00-0730	EA	2-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	207.38	
32 93 43 00-0731	EA	3" Caliper Tilia cordata & cvs - Littleleaf Linden	238.91	
32 93 43 00-0732	EA	3-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	293.52	
32 93 43 00-0733	EA	4" Caliper Tilia cordata & cvs - Littleleaf Linden	334.48	
32 93 43 00-0734	EA	4-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	375.43	
32 93 43 00-0735	EA	5" Caliper Tilia cordata & cvs - Littleleaf Linden	416.39	
32 93 43 00-0736	EA	2" Caliper Tilia tomentosa & cvs - Silver Linden	191.13	
32 93 43 00-0737	EA	2-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	211.61	
32 93 43 00-0738	EA	3" Caliper Tilia tomentosa & cvs - Silver Linden	232.09	
32 93 43 00-0739	EA	3-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	259.39	
32 93 43 00-0740	EA	4" Caliper Tilia tomentosa & cvs - Silver Linden	300.35	
32 93 43 00-0741	EA	4-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	354.96	
32 93 43 00-0742	EA	5" Caliper Tilia tomentosa & cvs - Silver Linden	464.17	
32 93 43 00-0743	EA	2" Caliper Tilia x euchlora - Crimean Linden	191.13	
32 93 43 00-0744	EA	2-1/2" Caliper Tilia x euchlora - Crimean Linden	245.74	
32 93 43 00-0745	EA	3" Caliper Tilia x euchlora - Crimean Linden	300.35	
32 93 43 00-0746	EA	3-1/2" Caliper Tilia x euchlora - Crimean Linden	341.30	
32 93 43 00-0747	EA	4" Caliper Tilia x euchlora - Crimean Linden	382.26	
32 93 43 00-0748	EA	4-1/2" Caliper Tilia x euchlora - Crimean Linden	430.04	
32 93 43 00-0749	EA	5" Caliper Tilia x euchlora - Crimean Linden	464.17	
32 93 43 00-0750	EA	2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	191.13	
32 93 43 00-0751	EA	2-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	218.43	
32 93 43 00-0752	EA	3" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	238.91	
32 93 43 00-0753	EA	3-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	259.39	
32 93 43 00-0754	EA	4" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	286.70	
32 93 43 00-0755	EA	4-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	341.30	
32 93 43 00-0756	EA	5" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	402.74	
32 93 43 00-0757	EA	2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	218.43	
32 93 43 00-0758	EA	2-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	238.91	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0759	EA	3" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	259.39	
32 93 43 00-0760	EA	3-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	286.70	
32 93 43 00-0761	EA	4" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	341.30	
32 93 43 00-0762	EA	4-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	402.74	
32 93 43 00-0763	EA	5" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	464.17	
32 93 43 00-0764	EA	2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	218.43	
32 93 43 00-0765	EA	2-1/2Mary-Louise Parker Ulmus x `Regal' - Regal Hybrid Elm	238.91	
32 93 43 00-0766	EA	3" Caliber Ulmus x `Regal' - Regal Hybrid Elm	259.39	
32 93 43 00-0767	EA	3-1/2" Caliber Ulmus x `Regal' - Regal Hybrid Elm	286.70	
32 93 43 00-0768	EA	4" Caliber Ulmus x `Regal' - Regal Hybrid Elm	341.30	
32 93 43 00-0769	EA	4-1/2" Caliber Ulmus x `Regal' - Regal Hybrid Elm	402.74	
32 93 43 00-0770	EA	5" Caliber Ulmus x `Regal' - Regal Hybrid Elm	464.17	
32 93 43 00-0771	EA	1-1/2" To 2" Caliper Zelkova serrata - Japanese Keaki Tree	105.65	
32 93 43 00-0772	EA	2" To 2-1/2" Caliper Zelkova serrata - Japanese Keaki Tree	129.41	
32 93 43 00-0773	EA	2-1/2' To 3" Caliper Zelkova serrata - Japanese Keaki Tree	163.96	

32 93 43 00-0774 Evergreen Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0775	EA	6' Abies balsamea - Balsam Fir	80.83	
32 93 43 00-0776	EA	7' Abies balsamea - Balsam Fir	101.03	
32 93 43 00-0777	EA	8' Abies balsamea - Balsam Fir	121.24	
32 93 43 00-0778	EA	9' Abies balsamea - Balsam Fir	161.65	
32 93 43 00-0779	EA	10' Abies balsamea - Balsam Fir	202.07	
32 93 43 00-0780	EA	12' Abies balsamea - Balsam Fir	242.48	
32 93 43 00-0781	EA	6' Abies concolor - White Fir	117.20	
32 93 43 00-0782	EA	7' Abies concolor - White Fir	133.36	
32 93 43 00-0783	EA	8' Abies concolor - White Fir	157.61	
32 93 43 00-0784	EA	9' Abies concolor - White Fir	181.86	
32 93 43 00-0785	EA	10' Abies concolor - White Fir	214.19	
32 93 43 00-0786	EA	12' Abies concolor - White Fir	262.68	
32 93 43 00-0787	EA	14' Abies concolor - White Fir	323.30	
32 93 43 00-0788	EA	16' Abies concolor - White Fir	363.72	
32 93 43 00-0789	EA	6' Abies fraseri - Frasier Fir	80.83	
32 93 43 00-0790	EA	7' Abies fraseri - Frasier Fir	101.03	
32 93 43 00-0791	EA	8' Abies fraseri - Frasier Fir	121.24	
32 93 43 00-0792	EA	9' Abies fraseri - Frasier Fir	161.65	
32 93 43 00-0793	EA	10' Abies fraseri - Frasier Fir	202.07	
32 93 43 00-0794	EA	12' Abies fraseri - Frasier Fir	242.48	
32 93 43 00-0795	EA	2' To 3' Cedrus atlantica - Blue Atlas Cedar	14.56	
32 93 43 00-0796	EA	3' To 4' Cedrus atlantica - Blue Atlas Cedar	23.40	
32 93 43 00-0797	EA	4' To 5' Cedrus atlantica - Blue Atlas Cedar	34.77	
32 93 43 00-0798	EA	5' To 6' Cedrus atlantica - Blue Atlas Cedar	46.77	
32 93 43 00-0799	EA	7' To 8' Cedrus atlantica - Blue Atlas Cedar	66.41	
32 93 43 00-0800	EA	5 Gallon Cedrus deodara - Indian Cedar	8.33	
32 93 43 00-0801	EA	6' To 8' Cedrus deodara - Indian Cedar	60.09	
32 93 43 00-0802	EA	8' To 10' Cedrus deodara - Indian Cedar	69.57	
32 93 43 00-0803	EA	10' To 12' Cedrus deodara - Indian Cedar	94.85	
32 93 43 00-0804	EA	12' To 14' Cedrus deodara - Indian Cedar	123.30	
32 93 43 00-0805	EA	14' To 16' Cedrus deodara - Indian Cedar	158.10	
32 93 43 00-0806	EA	15" To 18" Chamaecyparis obtusa - Compact Hinoki Cypress	18.78	
32 93 43 00-0807	EA	18" To 24" Chamaecyparis obtusa - Compact Hinoki Cypress	28.17	
32 93 43 00-0808	EA	2' To 3' Chamaecyparis obtusa - Compact Hinoki Cypress	43.83	
32 93 43 00-0809	EA	3' To 4' Chamaecyparis obtusa - Compact Hinoki Cypress	75.13	
32 93 43 00-0810	EA	4' To 5' Chamaecyparis pisifera - Sawara Cypress	22.76	
32 93 43 00-0811	EA	5' To 6' Chamaecyparis pisifera - Sawara Cypress	35.44	
32 93 43 00-0812	EA	6' To 7' Chamaecyparis pisifera - Sawara Cypress	44.25	
32 93 43 00-0813	EA	7' To 8' Chamaecyparis pisifera - Sawara Cypress	63.25	
32 93 43 00-0814	EA	1 Gallon Cleyera japonica - Japanese Cleyera	2.56	
32 93 43 00-0815	EA	3 Gallon Cleyera japonica - Japanese Cleyera	6.43	
32 93 43 00-0816	EA	7 Gallon Cleyera japonica - Japanese Cleyera	18.41	
32 93 43 00-0817	EA	5 Gallon Cupressocyparis leylandii - Leyland Cypress	10.33	
32 93 43 00-0818	EA	15 Gallon Cupressocyparis leylandii - Leyland Cypress	41.33	
32 93 43 00-0819	EA	4' To 5' Cupressocyparis leylandii - Leyland Cypress	18.08	
32 93 43 00-0820	EA	5' To 6' Cupressocyparis leylandii - Leyland Cypress	23.25	
32 93 43 00-0821	EA	6' To 7' Cupressocyparis leylandii - Leyland Cypress	36.17	
32 93 43 00-0822	EA	24" Box Cupressocyparis leylandii - Leyland Cypress	87.83	
32 93 43 00-0823	EA	1 Gallon Cupressus macrocarpa - Monterey Cypress	1.88	
32 93 43 00-0824	EA	5 Gallon Cupressus macrocarpa - Monterey Cypress	8.48	
32 93 43 00-0825	EA	15 Gallon Cupressus macrocarpa - Monterey Cypress	28.26	
32 93 43 00-0826	EA	5 Gallon Cupressus sempervirens - Italian Cypress	9.73	
32 93 43 00-0827	EA	15 Gallon Cupressus sempervirens - Italian Cypress	26.74	
32 93 43 00-0828	EA	1 Gallon Illicium anisatum - Anise Tree	2.78	
32 93 43 00-0829	EA	3 Gallon Illicium anisatum - Anise Tree	6.43	
32 93 43 00-0830	EA	1 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	2.86	
32 93 43 00-0831	EA	2 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	5.59	
32 93 43 00-0832	EA	3 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	6.93	
32 93 43 00-0833	EA	5 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	8.14	
32 93 43 00-0834	EA	1 Gallon Juniperus - Blue Sargent Juniper	2.86	
32 93 43 00-0835	EA	2 Gallon Juniperus - Blue Sargent Juniper	5.59	
32 93 43 00-0836	EA	3 Gallon Juniperus - Blue Sargent Juniper	6.93	
32 93 43 00-0837	EA	5 Gallon Juniperus - Blue Sargent Juniper	8.14	
32 93 43 00-0838	EA	5 Gallon Juniperus - Compact Pfitzer Juniper	8.14	
32 93 43 00-0839	EA	15" To 18" Juniperus - Compact Pfitzer Juniper	8.81	
32 93 43 00-0840	EA	18" To 24" Juniperus - Compact Pfitzer Juniper	10.64	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0841	EA	2' To 2 1/2' Juniperus - Compact Pfitzer Juniper	15.80	
32 93 43 00-0842	EA	2-1/2' To 3' Juniperus - Compact Pfitzer Juniper	18.30	
32 93 43 00-0843	EA	5' To 6' Juniperus - Fairview Juniper	27.25	
32 93 43 00-0844	EA	1 Gallon Juniperus - Hollywood Juniper	3.65	
32 93 43 00-0845	EA	5 Gallon Juniperus - Hollywood Juniper	10.15	
32 93 43 00-0846	EA	15 Gallon Juniperus - Hollywood Juniper	43.03	
32 93 43 00-0847	EA	4' To 5' Juniperus - Hollywood Juniper	28.45	
32 93 43 00-0848	EA	5' To 6' Juniperus - Hollywood Juniper	36.65	
32 93 43 00-0849	EA	1 Gallon Juniperus - Parson's Juniper	2.86	
32 93 43 00-0850	EA	2 Gallon Juniperus - Parson's Juniper	5.65	
32 93 43 00-0851	EA	3 Gallon Juniperus - Parson's Juniper	6.99	
32 93 43 00-0852	EA	5 Gallon Juniperus - Parson's Juniper	8.27	
32 93 43 00-0853	EA	5 Gallon Juniperus - Skyrocket Juniper	10.21	
32 93 43 00-0854	EA	15 Gallon Juniperus - Skyrocket Juniper	43.46	
32 93 43 00-0855	EA	2' To 3' Juniperus - Skyrocket Juniper	15.32	
32 93 43 00-0856	EA	3' To 4' Juniperus - Skyrocket Juniper	21.70	
32 93 43 00-0857	EA	4' To 5' Juniperus - Skyrocket Juniper	28.75	
32 93 43 00-0858	EA	5' To 6' Juniperus - Skyrocket Juniper	37.08	
32 93 43 00-0859	EA	6' To 8' Juniperus - Skyrocket Juniper	47.90	
32 93 43 00-0860	EA	1 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	2.86	
32 93 43 00-0861	EA	2 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	5.62	
32 93 43 00-0862	EA	3 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	6.90	
32 93 43 00-0863	EA	5 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	8.18	
32 93 43 00-0864	EA	1 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	2.86	
32 93 43 00-0865	EA	2 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	5.62	
32 93 43 00-0866	EA	3 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	6.90	
32 93 43 00-0867	EA	5 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	8.18	
32 93 43 00-0868	EA	2' To 3' Juniperus virginiana - Eastern Red Cedar	15.32	
32 93 43 00-0869	EA	3' To 4' Juniperus virginiana - Eastern Red Cedar	21.70	
32 93 43 00-0870	EA	4' To 5' Juniperus virginiana - Eastern Red Cedar	28.75	
32 93 43 00-0871	EA	5' To 6' Juniperus virginiana - Eastern Red Cedar	37.08	
32 93 43 00-0872	EA	5' Picea abies & cvs - Norway Spruce	88.91	
32 93 43 00-0873	EA	6' Picea abies & cvs - Norway Spruce	101.03	
32 93 43 00-0874	EA	7' Picea abies & cvs - Norway Spruce	121.24	
32 93 43 00-0875	EA	8' Picea abies & cvs - Norway Spruce	141.45	
32 93 43 00-0876	EA	9' Picea abies & cvs - Norway Spruce	189.94	
32 93 43 00-0877	EA	10' Picea abies & cvs - Norway Spruce	230.35	
32 93 43 00-0878	EA	12' Picea abies & cvs - Norway Spruce	282.89	
32 93 43 00-0879	EA	14' Picea abies & cvs - Norway Spruce	343.51	
32 93 43 00-0880	EA	6' Picea glauca - White Spruce	84.87	
32 93 43 00-0881	EA	7' Picea glauca - White Spruce	121.24	
32 93 43 00-0882	EA	8' Picea glauca - White Spruce	141.45	
32 93 43 00-0883	EA	9' Picea glauca - White Spruce	169.73	
32 93 43 00-0884	EA	10' Picea glauca - White Spruce	202.07	
32 93 43 00-0885	EA	12' Picea glauca - White Spruce	242.48	
32 93 43 00-0886	EA	4' Picea glauca densata - Black Hills Spruce	48.50	
32 93 43 00-0887	EA	5' Picea glauca densata - Black Hills Spruce	72.74	
32 93 43 00-0888	EA	6' Picea glauca densata - Black Hills Spruce	109.12	
32 93 43 00-0889	EA	7' Picea glauca densata - Black Hills Spruce	129.32	
32 93 43 00-0890	EA	8' Picea glauca densata - Black Hills Spruce	149.53	
32 93 43 00-0891	EA	9' Picea glauca densata - Black Hills Spruce	165.69	
32 93 43 00-0892	EA	10' Picea glauca densata - Black Hills Spruce	181.86	
32 93 43 00-0893	EA	6' Picea omorika & cvs - Serbian Spruce	109.12	
32 93 43 00-0894	EA	7' Picea omorika & cvs - Serbian Spruce	121.24	
32 93 43 00-0895	EA	8' Picea omorika & cvs - Serbian Spruce	145.49	
32 93 43 00-0896	EA	9' Picea omorika & cvs - Serbian Spruce	169.73	
32 93 43 00-0897	EA	10' Picea omorika & cvs - Serbian Spruce	193.98	
32 93 43 00-0898	EA	5' Picea pungens - Colorado Green Spruce	88.91	
32 93 43 00-0899	EA	6' Picea pungens - Colorado Green Spruce	113.16	
32 93 43 00-0900	EA	7' Picea pungens - Colorado Green Spruce	133.36	
32 93 43 00-0901	EA	8' Picea pungens - Colorado Green Spruce	153.57	
32 93 43 00-0902	EA	9' Picea pungens - Colorado Green Spruce	177.82	
32 93 43 00-0903	EA	10' Picea pungens - Colorado Green Spruce	335.43	
32 93 43 00-0904	EA	12' Picea pungens - Colorado Green Spruce	242.48	
32 93 43 00-0905	EA	14' Picea pungens - Colorado Green Spruce	282.89	
32 93 43 00-0906	EA	16' Picea pungens - Colorado Green Spruce	363.72	
32 93 43 00-0907	EA	5' Picea pungens glauca & cvs - Colorado Blue Spruce	88.91	
32 93 43 00-0908	EA	6' Picea pungens glauca & cvs - Colorado Blue Spruce	121.24	
32 93 43 00-0909	EA	7' Picea pungens glauca & cvs - Colorado Blue Spruce	141.45	
32 93 43 00-0910	EA	8' Picea pungens glauca & cvs - Colorado Blue Spruce	161.65	
32 93 43 00-0911	EA	9' Picea pungens glauca & cvs - Colorado Blue Spruce	181.86	
32 93 43 00-0912	EA	10' Picea pungens glauca & cvs - Colorado Blue Spruce	222.27	
32 93 43 00-0913	EA	12' Picea pungens glauca & cvs - Colorado Blue Spruce	282.89	
32 93 43 00-0914	EA	16' Picea pungens glauca & cvs - Colorado Blue Spruce	424.34	
32 93 43 00-0915	EA	4' Pinus cembra - Swiss Stone Pine	68.70	
32 93 43 00-0916	EA	5' Pinus cembra - Swiss Stone Pine	84.87	
32 93 43 00-0917	EA	6' Pinus cembra - Swiss Stone Pine	105.07	
32 93 43 00-0918	EA	6' Pinus flexilis & cvs - Limber Pine	101.03	
32 93 43 00-0919	EA	7' Pinus flexilis & cvs - Limber Pine	117.20	
32 93 43 00-0920	EA	8' Pinus flexilis & cvs - Limber Pine	145.49	
32 93 43 00-0921	EA	9' Pinus flexilis & cvs - Limber Pine	177.82	
32 93 43 00-0922	EA	10' Pinus flexilis & cvs - Limber Pine	202.07	
32 93 43 00-0923	EA	1 Gallon Pinus mugo - Mugho Pine	3.77	
32 93 43 00-0924	EA	2 Gallon Pinus mugo - Mugho Pine	7.96	
32 93 43 00-0925	EA	3 Gallon Pinus mugo - Mugho Pine	9.97	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0926	EA	5 Gallon Pinus mugo - Mugho Pine	12.64	
32 93 43 00-0927	EA	12" To 15" Spread Pinus mugo - Mugho Pine	9.79	
32 93 43 00-0928	EA	15" To 18" Spread Pinus mugo - Mugho Pine	11.67	
32 93 43 00-0929	EA	18" To 24" Spread Pinus mugo - Mugho Pine	15.80	
32 93 43 00-0930	EA	2' To 2-1/2' Spread Pinus mugo - Mugho Pine	22.13	
32 93 43 00-0931	EA	2-1/2' To 3' Spread Pinus mugo - Mugho Pine	28.45	
32 93 43 00-0932	EA	3' To 3-1/2' Spread Pinus mugo - Mugho Pine	35.44	
32 93 43 00-0933	EA	3-1/2' To 4' Spread Pinus mugo - Mugho Pine	43.03	
32 93 43 00-0934	EA	6' Pinus nigra - Austrian Pine	101.03	
32 93 43 00-0935	EA	7' Pinus nigra - Austrian Pine	121.24	
32 93 43 00-0936	EA	8' Pinus nigra - Austrian Pine	157.61	
32 93 43 00-0937	EA	9' Pinus nigra - Austrian Pine	181.86	
32 93 43 00-0938	EA	10' Pinus nigra - Austrian Pine	214.19	
32 93 43 00-0939	EA	12' Pinus nigra - Austrian Pine	242.48	
32 93 43 00-0940	EA	14' Pinus nigra - Austrian Pine	270.77	
32 93 43 00-0941	EA	16' Pinus nigra - Austrian Pine	307.14	
32 93 43 00-0942	EA	5' Pinus peuce - Macedonian Pine	125.28	
32 93 43 00-0943	EA	6' Pinus peuce - Macedonian Pine	157.61	
32 93 43 00-0944	EA	7' Pinus peuce - Macedonian Pine	181.86	
32 93 43 00-0945	EA	8' Pinus peuce - Macedonian Pine	206.11	
32 93 43 00-0946	EA	9' Pinus peuce - Macedonian Pine	238.44	
32 93 43 00-0947	EA	2' Pinus strobus - Pyramidal White Pine	11.19	
32 93 43 00-0948	EA	3' Pinus strobus - Pyramidal White Pine	14.95	
32 93 43 00-0949	EA	4' Pinus strobus - Pyramidal White Pine	16.50	
32 93 43 00-0950	EA	5' Pinus strobus - Pyramidal White Pine	18.04	
32 93 43 00-0951	EA	6' Pinus strobus - Pyramidal White Pine	22.48	
32 93 43 00-0952	EA	7' Pinus strobus - Pyramidal White Pine	29.91	
32 93 43 00-0953	EA	8' Pinus strobus - Pyramidal White Pine	41.10	
32 93 43 00-0954	EA	10' Pinus strobus - Pyramidal White Pine	82.01	
32 93 43 00-0955	EA	12' Pinus strobus - Pyramidal White Pine	194.89	
32 93 43 00-0956	EA	14' Pinus strobus - Pyramidal White Pine	261.47	
32 93 43 00-0957	EA	16' Pinus strobus - Pyramidal White Pine	314.53	
32 93 43 00-0958	EA	2' Pinus strobus - White Pine	17.20	
32 93 43 00-0959	EA	3' Pinus strobus - White Pine	24.54	
32 93 43 00-0960	EA	4' Pinus strobus - White Pine	39.13	
32 93 43 00-0961	EA	5' Pinus strobus - White Pine	55.77	
32 93 43 00-0962	EA	6' Pinus strobus - White Pine	81.80	
32 93 43 00-0963	EA	7' Pinus strobus - White Pine	97.60	
32 93 43 00-0964	EA	8' Pinus strobus - White Pine	131.99	
32 93 43 00-0965	EA	10' Pinus strobus - White Pine	177.53	
32 93 43 00-0966	EA	12' Pinus strobus - White Pine	235.16	
32 93 43 00-0967	EA	14' Pinus strobus - White Pine	288.14	
32 93 43 00-0968	EA	16' Pinus strobus - White Pine	350.42	
32 93 43 00-0969	EA	3' Pinus sylvestris - Scotch Pine	26.55	
32 93 43 00-0970	EA	4' Pinus sylvestris - Scotch Pine	36.86	
32 93 43 00-0971	EA	5' Pinus sylvestris - Scotch Pine	51.73	
32 93 43 00-0972	EA	6' Pinus sylvestris - Scotch Pine	71.77	
32 93 43 00-0973	EA	7' Pinus sylvestris - Scotch Pine	87.94	
32 93 43 00-0974	EA	8' Pinus sylvestris - Scotch Pine	124.15	
32 93 43 00-0975	EA	9' Pinus sylvestris - Scotch Pine	157.61	
32 93 43 00-0976	EA	10' Pinus sylvestris - Scotch Pine	181.86	
32 93 43 00-0977	EA	12' Pinus sylvestris - Scotch Pine	214.19	
32 93 43 00-0978	EA	14' Pinus sylvestris - Scotch Pine	242.48	
32 93 43 00-0979	EA	16' Pinus sylvestris - Scotch Pine	282.89	
32 93 43 00-0980	EA	5' To 6' Pinus taeda - Loblolly Pine	11.56	
32 93 43 00-0981	EA	1 Gallon Pinus thunbergiana - Japanese Black Pine	2.86	
32 93 43 00-0982	EA	5 Gallon Pinus thunbergiana - Japanese Black Pine	10.15	
32 93 43 00-0983	EA	15 Gallon Pinus thunbergiana - Japanese Black Pine	32.88	
32 93 43 00-0984	EA	2' To 3' Pinus thunbergiana - Japanese Black Pine	13.92	
32 93 43 00-0985	EA	3' To 4' Pinus thunbergiana - Japanese Black Pine	17.69	
32 93 43 00-0986	EA	4' To 5' Pinus thunbergiana - Japanese Black Pine	26.56	
32 93 43 00-0987	EA	5' To 6' Pinus thunbergiana - Japanese Black Pine	51.85	
32 93 43 00-0988	EA	6' To 7' Pinus thunbergiana - Japanese Black Pine	58.17	
32 93 43 00-0989	EA	7' To 8' Pinus thunbergiana - Japanese Black Pine	72.70	
32 93 43 00-0990	EA	1 Gallon Podocarpus - Chinese Podocarpus	1.88	
32 93 43 00-0991	EA	3 Gallon Podocarpus - Chinese Podocarpus	4.38	
32 93 43 00-0992	EA	7 Gallon Podocarpus - Chinese Podocarpus	12.64	
32 93 43 00-0993	EA	15 Gallon Podocarpus - Chinese Podocarpus	20.54	
32 93 43 00-0994	EA	4' To 5' Podocarpus - Chinese Podocarpus	31.61	
32 93 43 00-0995	EA	5' Pseudotsuga menziesii - Douglas Fir	80.83	
32 93 43 00-0996	EA	6' Pseudotsuga menziesii - Douglas Fir	96.99	
32 93 43 00-0997	EA	7' Pseudotsuga menziesii - Douglas Fir	121.24	
32 93 43 00-0998	EA	8' Pseudotsuga menziesii - Douglas Fir	145.49	
32 93 43 00-0999	EA	9' Pseudotsuga menziesii - Douglas Fir	181.86	
32 93 43 00-1000	EA	10' Pseudotsuga menziesii - Douglas Fir	214.19	
32 93 43 00-1001	EA	12' Pseudotsuga menziesii - Douglas Fir	242.48	
32 93 43 00-1002	EA	5' To 6' Sequoia sempervirens - Dawn Redwood	39.51	
32 93 43 00-1003	EA	6' To 8' Sequoia sempervirens - Dawn Redwood	53.34	
32 93 43 00-1004	EA	8' To 10 Sequoia sempervirens - Dawn Redwood	65.19	
32 93 43 00-1005	EA	5' To 6' Taxodium distichum - Bald Cypress	28.08	
32 93 43 00-1006	EA	6' To 7' Taxodium distichum - Bald Cypress	35.10	
32 93 43 00-1007	EA	7' To 8' Taxodium distichum - Bald Cypress	43.40	
32 93 43 00-1008	EA	8' To 10' Taxodium distichum - Bald Cypress	54.92	
32 93 43 00-1009	EA	6' Tsuga canadensis - Northern Hemlock	80.83	
32 93 43 00-1010	EA	7' Tsuga canadensis - Northern Hemlock	101.03	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-1011	EA	8' Tsuga canadensis - Northern Hemlock	137.40	
32 93 43 00-1012	EA	9' Tsuga canadensis - Northern Hemlock	161.65	
32 93 43 00-1013	EA	10' Tsuga canadensis - Northern Hemlock	181.86	
32 93 43 00-1014	EA	12' Tsuga canadensis - Northern Hemlock	202.07	
32 93 43 00-1015	EA	3' To 4' Thuja occidentalis 'Wareana' - Siberian Arborvitae	7.62	
32 93 43 00-1016	EA	3' To 4' Thuja occidentalis ' Woodwadrii' - Woodward Arborvitae	12.45	

32 93 43 00-1017 Palm And Subtropical Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-1018	EA	4' To 5' Archontophoenix cunninghamiana - King Palm	64.97	
32 93 43 00-1019	EA	6' To 8' Archontophoenix cunninghamiana - King Palm	101.06	
32 93 43 00-1020	EA	8' To 10' Archontophoenix cunninghamiana - King Palm	129.94	
32 93 43 00-1021	EA	10' To 12' Archontophoenix cunninghamiana - King Palm	173.25	
32 93 43 00-1022	EA	4' To 5' Arecastrum romanzoffianum - Queen Palm	49.22	
32 93 43 00-1023	EA	6' To 8' Arecastrum romanzoffianum - Queen Palm	68.91	
32 93 43 00-1024	EA	8' To 10' Arecastrum romanzoffianum - Queen Palm	88.59	
32 93 43 00-1025	EA	10' To 12' Arecastrum romanzoffianum - Queen Palm	108.28	
32 93 43 00-1026	EA	12' To 14' Arecastrum romanzoffianum - Queen Palm	131.25	
32 93 43 00-1027	EA	14' To 16' Arecastrum romanzoffianum - Queen Palm	164.06	
32 93 43 00-1028	EA	3' To 4' Chamaedorea radicalis - Dwarf Bamboo Palm	137.81	
32 93 43 00-1029	EA	5' To 6' Chamaedorea radicalis - Dwarf Bamboo Palm	216.56	
32 93 43 00-1030	EA	3' To 4' Chamaerops humilis - European Fan Palm	118.12	
32 93 43 00-1031	EA	5' To 6' Chamaerops humilis - European Fan Palm	157.50	
32 93 43 00-1032	EA	7' To 8' Chamaerops humilis - European Fan Palm	367.50	
32 93 43 00-1033	EA	9' To 10' Chamaerops humilis - European Fan Palm	630.00	
32 93 43 00-1034	EA	6' To 7' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	91.88	
32 93 43 00-1035	EA	8' To 10' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	183.75	
32 93 43 00-1036	EA	10' To 12' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	236.25	
32 93 43 00-1037	EA	12' To 14' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	328.12	
32 93 43 00-1038	EA	12' To 16' Cocos nucifera - Coconut Palm	276.77	
32 93 43 00-1039	EA	4' To 5' Rhapis excelsa - Lady Palm	249.38	
32 93 43 00-1040	EA	6' To 7' Rhapis excelsa - Lady Palm	354.38	
32 93 43 00-1041	EA	8' To 9' Roystonea regia - Royal Palm	200.81	
32 93 43 00-1042	EA	10' To 11' Roystonea regia - Royal Palm	245.44	
32 93 43 00-1043	EA	12' To 13' Roystonea regia - Royal Palm	290.06	
32 93 43 00-1044	EA	14' To 15' Roystonea regia - Royal Palm	334.69	
32 93 43 00-1045	EA	16' To 17' Roystonea regia - Royal Palm	379.31	
32 93 43 00-1046	EA	18' To 19' Roystonea regia - Royal Palm	423.94	
32 93 43 00-1047	EA	20' To 21' Roystonea regia - Royal Palm	468.56	
32 93 43 00-1048	EA	10' To 16' Sabal palmetto - Cabbage Palm	101.49	
32 93 43 00-1049	EA	6' To 7' Thrinax morrisii - Key Thatch Palm	275.62	
32 93 43 00-1050	EA	8' To 9' Thrinax morrisii - Key Thatch Palm	354.38	
32 93 43 00-1051	EA	10' To 11' Thrinax morrisii - Key Thatch Palm	433.12	

32 93 53 Planting Of Trees, Shrubs And Ground Cover *(32 93)*

Note: Includes moving plant(s) from truck or staging site to planting site, excavation of hole, placing plant in hole, backfill and compaction. Use appropriate gallon, height or caliper size to match with description from plant section.

32 93 53 00-0001 Planting Trees *(32 93 53)*

32 93 53 00-0002	EA	3" To 5" Bare Root Seedlings Tree Planting	1.03	
32 93 53 00-0003	EA	6" To 10" Bare Root Seedlings Tree Planting	1.66	
32 93 53 00-0004	EA	11" To 16" Bare Root Seedlings Tree Planting	2.08	
32 93 53 00-0005	EA	17" To 24" Bare Root Seedlings Tree Planting	3.32	
32 93 53 00-0006	EA	1 Gallon Container Tree Planting	16.58	
		For >10 To 25, Deduct	*-0.83*	
		For >25 To 50, Deduct	*-2.07*	
		For >50 To 100, Deduct	*-3.32*	
		For >100, Deduct	*-4.97*	
32 93 53 00-0007	EA	2 Gallon Container Tree Planting	23.22	
		For >10 To 25, Deduct	*-1.16*	
		For >25 To 50, Deduct	*-2.90*	
		For >50 To 100, Deduct	*-4.64*	
		For >100, Deduct	*-6.97*	
32 93 53 00-0008	EA	3 Gallon Container Tree Planting	29.85	
		For >10 To 25, Deduct	*-1.49*	
		For >25 To 50, Deduct	*-3.73*	
		For >50 To 100, Deduct	*-5.97*	
		For >100, Deduct	*-8.96*	
32 93 53 00-0009	EA	5 Gallon Container Tree Planting	49.74	
		For >10 To 25, Deduct	*-2.49*	
		For >25 To 50, Deduct	*-6.22*	
		For >50 To 100, Deduct	*-9.95*	
		For >100, Deduct	*-14.92*	
32 93 53 00-0010	EA	7 Gallon Container Tree Planting	66.33	
		For >10 To 25, Deduct	*-3.32*	
		For >25 To 50, Deduct	*-8.29*	
		For >50 To 100, Deduct	*-13.27*	
		For >100, Deduct	*-19.90*	
32 93 53 00-0011	EA	10 Gallon Container Tree Planting	86.22	
		For >10 To 25, Deduct	*-4.31*	
		For >25 To 50, Deduct	*-10.78*	
		For >50 To 100, Deduct	*-17.24*	
		For >100, Deduct	*-25.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 53 00-0012	EA	15 Gallon Container Tree Planting	122.70	
		For >10 To 25, Deduct	*-6.14*	
		For >25 To 50, Deduct	*-15.34*	
		For >50 To 100, Deduct	*-24.54*	
		For >100, Deduct	*-36.81*	
32 93 53 00-0013	EA	20 Gallon Container Tree Planting	202.29	
		For >10 To 25, Deduct	*-10.11*	
		For >25 To 50, Deduct	*-25.29*	
		For >50 To 100, Deduct	*-40.46*	
		For >100, Deduct	*-60.69*	
32 93 53 00-0014	EA	25 Gallon Container Tree Planting	261.99	
		For >10 To 25, Deduct	*-13.10*	
		For >25 To 50, Deduct	*-32.75*	
		For >50 To 100, Deduct	*-52.40*	
		For >100, Deduct	*-78.60*	
32 93 53 00-0015	EA	30 Gallon Container Tree Planting	315.05	
		For >10 To 25, Deduct	*-15.75*	
		For >25 To 50, Deduct	*-39.38*	
		For >50 To 100, Deduct	*-63.01*	
		For >100, Deduct	*-94.52*	
32 93 53 00-0016	EA	45 Gallon Container Tree Planting	391.32	
		For >10 To 25, Deduct	*-19.57*	
		For >25 To 50, Deduct	*-48.92*	
		For >50 To 100, Deduct	*-78.26*	
		For >100, Deduct	*-117.40*	
32 93 53 00-0017	EA	65 Gallon Container Tree Planting	464.28	
		For >10 To 25, Deduct	*-23.21*	
		For >25 To 50, Deduct	*-58.04*	
		For >50 To 100, Deduct	*-92.86*	
		For >100, Deduct	*-139.28*	
32 93 53 00-0018	EA	6' Balled And Burlapped Tree Planting	165.81	
		For >10 To 25, Deduct	*-8.29*	
		For >25 To 50, Deduct	*-20.73*	
		For >50 To 100, Deduct	*-33.16*	
		For >100, Deduct	*-49.74*	
32 93 53 00-0019	EA	7' Balled And Burlapped Tree Planting	220.87	
		For >10 To 25, Deduct	*-11.04*	
		For >25 To 50, Deduct	*-27.61*	
		For >50 To 100, Deduct	*-44.17*	
		For >100, Deduct	*-66.26*	
32 93 53 00-0020	EA	8' Balled And Burlapped Tree Planting	248.73	
		For >10 To 25, Deduct	*-12.44*	
		For >25 To 50, Deduct	*-31.09*	
		For >50 To 100, Deduct	*-49.75*	
		For >100, Deduct	*-74.62*	
32 93 53 00-0021	EA	10' Balled And Burlapped Tree Planting	290.17	
		For >10 To 25, Deduct	*-14.51*	
		For >25 To 50, Deduct	*-36.27*	
		For >50 To 100, Deduct	*-58.03*	
		For >100, Deduct	*-87.05*	
32 93 53 00-0022	EA	12' Balled And Burlapped Tree Planting	388.01	
		For >10 To 25, Deduct	*-19.40*	
		For >25 To 50, Deduct	*-48.50*	
		For >50 To 100, Deduct	*-77.60*	
		For >100, Deduct	*-116.40*	
32 93 53 00-0023	EA	14' Balled And Burlapped Tree Planting	444.39	
		For >10 To 25, Deduct	*-22.22*	
		For >25 To 50, Deduct	*-55.55*	
		For >50 To 100, Deduct	*-88.88*	
		For >100, Deduct	*-133.32*	
32 93 53 00-0024	EA	16' Balled And Burlapped Tree Planting	538.90	
		For >10 To 25, Deduct	*-26.95*	
		For >25 To 50, Deduct	*-67.36*	
		For >50 To 100, Deduct	*-107.78*	
		For >100, Deduct	*-161.67*	
32 93 53 00-0025	EA	18' Balled And Burlapped Tree Planting	646.68	
		For >10 To 25, Deduct	*-32.33*	
		For >25 To 50, Deduct	*-80.84*	
		For >50 To 100, Deduct	*-129.34*	
		For >100, Deduct	*-194.00*	
32 93 53 00-0026	EA	20' Balled And Burlapped Tree Planting	746.17	
		For >10 To 25, Deduct	*-37.31*	
		For >25 To 50, Deduct	*-93.27*	
		For >50 To 100, Deduct	*-149.23*	
		For >100, Deduct	*-223.85*	
32 93 53 00-0027	EA	1-1/2" Caliber Balled And Burlapped Tree Planting	248.73	
		For >10 To 25, Deduct	*-12.44*	
		For >25 To 50, Deduct	*-31.09*	
		For >50 To 100, Deduct	*-49.75*	
		For >100, Deduct	*-74.62*	
32 93 53 00-0028	EA	2" Caliber Balled And Burlapped Tree Planting	290.17	
		For >10 To 25, Deduct	*-14.51*	
		For >25 To 50, Deduct	*-36.27*	
		For >50 To 100, Deduct	*-58.03*	
		For >100, Deduct	*-87.05*	
32 93 53 00-0029	EA	2-1/2" Caliber Balled And Burlapped Tree Planting	389.67	
		For >10 To 25, Deduct	*-19.48*	
		For >25 To 50, Deduct	*-48.71*	
		For >50 To 100, Deduct	*-77.93*	
		For >100, Deduct	*-116.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 53 00-0030	EA	3" Caliber Balled And Burlapped Tree Planting	447.70	
		For >10 To 25, Deduct	*-22.39*	
		For >25 To 50, Deduct	*-55.96*	
		For >50 To 100, Deduct	*-89.54*	
		For >100, Deduct	*-134.31*	
32 93 53 00-0031	EA	3-1/2" Caliber Balled And Burlapped Tree Planting	497.44	
		For >10 To 25, Deduct	*-24.87*	
		For >25 To 50, Deduct	*-62.18*	
		For >50 To 100, Deduct	*-99.49*	
		For >100, Deduct	*-149.23*	
32 93 53 00-0032	EA	4" Caliber Balled And Burlapped Tree Planting	570.40	
		For >10 To 25, Deduct	*-28.52*	
		For >25 To 50, Deduct	*-71.30*	
		For >50 To 100, Deduct	*-114.08*	
		For >100, Deduct	*-171.12*	

32 93 53 00-0033 Tree Pits *(32 93 53)*

Note: Costs given show the tree pit size accommodates the soil ball and the type of soil excavated includes excavation, bank run sand and gravel fill for drainage, imported mix planting soil, hand backfill, perforated drainage pipe for watering, and drainage fabric. Includes one layer of woven fabric to be applied before mulch is spread.

32 93 53 00-0034	EA	2' x 1-1/4' Deep Tree Pit	77.96	
32 93 53 00-0035	EA	2' x 2-1/2' Deep Tree Pit	116.91	
32 93 53 00-0036	EA	2-1/2' x 1-1/2' Deep Tree Pit	151.49	
32 93 53 00-0037	EA	2-1/2' x 3' Deep Tree Pit	227.20	
32 93 53 00-0038	EA	3' x 1-3/4' Deep Tree Pit	232.93	
32 93 53 00-0039	EA	3' x 3-1/2' Deep Tree Pit	347.47	
32 93 53 00-0040	EA	3-1/2' x 1-3/4' Deep Tree Pit	284.89	
32 93 53 00-0041	EA	3-1/2' x 3-1/2' Deep Tree Pit	426.70	
32 93 53 00-0042	EA	4' x 2' Deep Tree Pit	340.32	
32 93 53 00-0043	EA	4' x 4' Deep Tree Pit	510.19	
32 93 53 00-0044	EA	4-1/2' x 2' Deep Tree Pit	488.98	
32 93 53 00-0045	EA	4-1/2' x 4' Deep Tree Pit	735.02	
32 93 53 00-0046	EA	5' x 2-1/4' Deep Tree Pit	650.43	
32 93 53 00-0047	EA	5' x 4-1/2' Deep Tree Pit	968.31	
32 93 53 00-0048	EA	6' x 2-1/2' Deep Tree Pit	922.47	
32 93 53 00-0049	EA	6' x 5' Deep Tree Pit	1,381.50	
32 93 53 00-0050	EA	7' x 3' Deep Tree Pit	1,553.45	
32 93 53 00-0051	EA	7' x 6' Deep Tree Pit	2,343.54	
32 93 53 00-0052	EA	8' x 3-1/4' Deep Tree Pit	2,133.66	
32 93 53 00-0053	EA	8' x 6-1/2' Deep Tree Pit	3,199.03	

32 93 53 00-0054 Planting Shrubs *(32 93 53)*

32 93 53 00-0055	EA	1 Gallon Container Shrub Planting	14.10	
		For >10 To 25, Deduct	*-0.71*	
		For >25 To 50, Deduct	*-1.76*	
		For >50 To 100, Deduct	*-2.82*	
		For >100, Deduct	*-4.23*	
32 93 53 00-0056	EA	2 Gallon Container Shrub Planting	19.90	
		For >10 To 25, Deduct	*-1.00*	
		For >25 To 50, Deduct	*-2.49*	
		For >50 To 100, Deduct	*-3.98*	
		For >100, Deduct	*-5.97*	
32 93 53 00-0057	EA	3 Gallon Container Shrub Planting	24.87	
		For >10 To 25, Deduct	*-1.24*	
		For >25 To 50, Deduct	*-3.11*	
		For >50 To 100, Deduct	*-4.97*	
		For >100, Deduct	*-7.46*	
32 93 53 00-0058	EA	4 Gallon Container Shrub Planting	33.16	
		For >10 To 25, Deduct	*-1.66*	
		For >25 To 50, Deduct	*-4.15*	
		For >50 To 100, Deduct	*-6.63*	
		For >100, Deduct	*-9.95*	
32 93 53 00-0059	EA	5 Gallon Container Shrub Planting	41.46	
		For >10 To 25, Deduct	*-2.07*	
		For >25 To 50, Deduct	*-5.18*	
		For >50 To 100, Deduct	*-8.29*	
		For >100, Deduct	*-12.44*	
32 93 53 00-0060	EA	7 Gallon Container Shrub Planting	56.38	
		For >10 To 25, Deduct	*-2.82*	
		For >25 To 50, Deduct	*-7.05*	
		For >50 To 100, Deduct	*-11.28*	
		For >100, Deduct	*-16.91*	
32 93 53 00-0061	EA	10 Gallon Container Shrub Planting	74.61	
		For >10 To 25, Deduct	*-3.73*	
		For >25 To 50, Deduct	*-9.33*	
		For >50 To 100, Deduct	*-14.92*	
		For >100, Deduct	*-22.38*	
32 93 53 00-0062	EA	15 Gallon Container Shrub Planting	102.81	
		For >10 To 25, Deduct	*-5.14*	
		For >25 To 50, Deduct	*-12.85*	
		For >50 To 100, Deduct	*-20.56*	
		For >100, Deduct	*-30.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 53 00-0063	EA	20 Gallon Container Shrub Planting	172.45	
		For >10 To 25, Deduct	*-8.62*	
		For >25 To 50, Deduct	*-21.56*	
		For >50 To 100, Deduct	*-34.49*	
		For >100, Deduct	*-51.74*	
32 93 53 00-0064	EA	25 Gallon Container Shrub Planting	220.87	
		For >10 To 25, Deduct	*-11.04*	
		For >25 To 50, Deduct	*-27.61*	
		For >50 To 100, Deduct	*-44.17*	
		For >100, Deduct	*-66.26*	
32 93 53 00-0065	EA	15" Balled And Burlapped Shrub Planting	46.43	
		For >10 To 25, Deduct	*-2.32*	
		For >25 To 50, Deduct	*-5.80*	
		For >50 To 100, Deduct	*-9.29*	
		For >100, Deduct	*-13.93*	
32 93 53 00-0066	EA	18" Balled And Burlapped Shrub Planting	48.09	
		For >10 To 25, Deduct	*-2.40*	
		For >25 To 50, Deduct	*-6.01*	
		For >50 To 100, Deduct	*-9.62*	
		For >100, Deduct	*-14.43*	
32 93 53 00-0067	EA	24" Balled And Burlapped Shrub Planting	53.06	
		For >10 To 25, Deduct	*-2.65*	
		For >25 To 50, Deduct	*-6.63*	
		For >50 To 100, Deduct	*-10.61*	
		For >100, Deduct	*-15.92*	
32 93 53 00-0068	EA	30" Balled And Burlapped Shrub Planting	53.06	
		For >10 To 25, Deduct	*-2.65*	
		For >25 To 50, Deduct	*-6.63*	
		For >50 To 100, Deduct	*-10.61*	
		For >100, Deduct	*-15.92*	
32 93 53 00-0069	EA	36" Balled And Burlapped Shrub Planting	58.03	
		For >10 To 25, Deduct	*-2.90*	
		For >25 To 50, Deduct	*-7.25*	
		For >50 To 100, Deduct	*-11.61*	
		For >100, Deduct	*-17.41*	
32 93 53 00-0070	EA	42" Balled And Burlapped Shrub Planting	61.35	
		For >10 To 25, Deduct	*-3.07*	
		For >25 To 50, Deduct	*-7.67*	
		For >50 To 100, Deduct	*-12.27*	
		For >100, Deduct	*-18.41*	
32 93 53 00-0071	EA	48" Balled And Burlapped Shrub Planting	66.33	
		For >10 To 25, Deduct	*-3.32*	
		For >25 To 50, Deduct	*-8.29*	
		For >50 To 100, Deduct	*-13.27*	
		For >100, Deduct	*-19.90*	
32 93 53 00-0072	EA	5' Balled And Burlapped Shrub Planting	99.49	
		For >10 To 25, Deduct	*-4.97*	
		For >25 To 50, Deduct	*-12.44*	
		For >50 To 100, Deduct	*-19.90*	
		For >100, Deduct	*-29.85*	
32 93 53 00-0073	EA	6' Balled And Burlapped Shrub Planting	140.94	
		For >10 To 25, Deduct	*-7.05*	
		For >25 To 50, Deduct	*-17.62*	
		For >50 To 100, Deduct	*-28.19*	
		For >100, Deduct	*-42.28*	
32 93 53 00-0074	EA	7' Balled And Burlapped Shrub Planting	187.38	
		For >10 To 25, Deduct	*-9.37*	
		For >25 To 50, Deduct	*-23.42*	
		For >50 To 100, Deduct	*-37.48*	
		For >100, Deduct	*-56.21*	
32 93 53 00-0075	EA	8' Balled And Burlapped Shrub Planting	212.25	
		For >10 To 25, Deduct	*-10.61*	
		For >25 To 50, Deduct	*-26.53*	
		For >50 To 100, Deduct	*-42.45*	
		For >100, Deduct	*-63.68*	
32 93 53 00-0076	EA	9' Balled And Burlapped Shrub Planting	228.82	
		For >10 To 25, Deduct	*-11.44*	
		For >25 To 50, Deduct	*-28.60*	
		For >50 To 100, Deduct	*-45.76*	
		For >100, Deduct	*-68.65*	
32 93 53 00-0077	EA	10' Balled And Burlapped Shrub Planting	248.73	
		For >10 To 25, Deduct	*-12.44*	
		For >25 To 50, Deduct	*-31.09*	
		For >50 To 100, Deduct	*-49.75*	
		For >100, Deduct	*-74.62*	

32 93 53 00-0078 Planting Groundcover, Vines, Perennials, Annuals And Bulbs *(32 93 53)*

32 93 53 00-0079	EA	2-1/4" Diameter Potted Groundcover And Flower Planting	1.38	
		For >10 To 25, Deduct	*-0.07*	
		For >25 To 50, Deduct	*-0.17*	
		For >50 To 100, Deduct	*-0.28*	
		For >100, Deduct	*-0.41*	
32 93 53 00-0080	EA	3" Diameter Potted Groundcover And Flower Planting	1.57	
		For >10 To 25, Deduct	*-0.08*	
		For >25 To 50, Deduct	*-0.20*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.47*	

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			MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 53 00-0081	EA	4" Diameter Potted Groundcover And Flower Planting				1.85	
		For >10 To 25, Deduct				*-0.09*	
		For >25 To 50, Deduct				*-0.23*	
		For >50 To 100, Deduct				*-0.37*	
		For >100, Deduct				*-0.56*	
32 93 53 00-0082	EA	5-1/2" Diameter Potted Groundcover And Flower Planting				2.21	
		For >10 To 25, Deduct				*-0.11*	
		For >25 To 50, Deduct				*-0.28*	
		For >50 To 100, Deduct				*-0.44*	
		For >100, Deduct				*-0.66*	
32 93 53 00-0083	EA	6" Diameter Potted Groundcover And Flower Planting				2.76	
		For >10 To 25, Deduct				*-0.14*	
		For >25 To 50, Deduct				*-0.35*	
		For >50 To 100, Deduct				*-0.55*	
		For >100, Deduct				*-0.83*	
32 93 53 00-0084	EA	8" Diameter Potted Groundcover And Flower Planting				4.14	
		For >10 To 25, Deduct				*-0.21*	
		For >25 To 50, Deduct				*-0.52*	
		For >50 To 100, Deduct				*-0.83*	
		For >100, Deduct				*-1.24*	
32 93 53 00-0085	EA	1 Gallon Container Groundcover And Flower Planting				13.26	
		For >10 To 25, Deduct				*-0.66*	
		For >25 To 50, Deduct				*-1.66*	
		For >50 To 100, Deduct				*-2.65*	
		For >100, Deduct				*-3.98*	
32 93 53 00-0086	EA	2 Gallon Container Groundcover And Flower Planting				18.24	
		For >10 To 25, Deduct				*-0.91*	
		For >25 To 50, Deduct				*-2.28*	
		For >50 To 100, Deduct				*-3.65*	
		For >100, Deduct				*-5.47*	
32 93 53 00-0087	EA	3 Gallon Container Groundcover And Flower Planting				23.22	
		For >10 To 25, Deduct				*-1.16*	
		For >25 To 50, Deduct				*-2.90*	
		For >50 To 100, Deduct				*-4.64*	
		For >100, Deduct				*-6.97*	
32 93 53 00-0088	EA	4 Gallon Container Groundcover And Flower Planting				29.85	
		For >10 To 25, Deduct				*-1.49*	
		For >25 To 50, Deduct				*-3.73*	
		For >50 To 100, Deduct				*-5.97*	
		For >100, Deduct				*-8.96*	
32 93 53 00-0089	EA	5 Gallon Container Groundcover And Flower Planting				36.48	
		For >10 To 25, Deduct				*-1.82*	
		For >25 To 50, Deduct				*-4.56*	
		For >50 To 100, Deduct				*-7.30*	
		For >100, Deduct				*-10.94*	
32 93 53 00-0090	EA	7 Gallon Container Groundcover And Flower Planting				49.74	
		For >10 To 25, Deduct				*-2.49*	
		For >25 To 50, Deduct				*-6.22*	
		For >50 To 100, Deduct				*-9.95*	
		For >100, Deduct				*-14.92*	
32 93 53 00-0091	EA	Up To 25 Each Bulb Planting				0.83	
32 93 53 00-0092	EA	26 To 50 Each Bulb Planting				0.74	
32 93 53 00-0093	LOT	Lots Of 50 Bulb Planting				30.90	
32 93 53 00-0094	LOT	Lots Of 60 Bulb Planting				37.08	
32 93 53 00-0095	LOT	Lots Of 100 Bulb Planting				55.61	
32 93 53 00-0096	EA	Flats Of 24 Groundcover And Flower Planting				23.21	
		For >10 To 25, Deduct				*-1.16*	
		For >25, Deduct				*-2.90*	
32 93 53 00-0097	EA	Flats Of 36 Groundcover And Flower Planting				32.92	
		For >10 To 25, Deduct				*-1.65*	
		For >25, Deduct				*-4.12*	
32 93 53 00-0098	EA	Flats Of 48 Groundcover And Flower Planting				43.84	
		For >10 To 25, Deduct				*-2.19*	
		For >25, Deduct				*-5.48*	

32 94 Planting Accessories *(32 90)*

32 94 13 Landscape Edging *(32 94)*

Note: Including stakes.

32 94 13 00-0001 Landscape Edging *(32 94 13)*

Note: Includes stakes.

32 94 13 00-0002	LF	1/8" x 4", Mill Finish, Aluminum Alloy Landscape Edging	5.92	1.86
32 94 13 00-0003	LF	1/8" x 4", Black Paint, Aluminum Alloy Landscape Edging	6.38	1.86
32 94 13 00-0004	LF	1/8" x 4", Black Anodized, Aluminum Alloy Landscape Edging	6.41	1.86
32 94 13 00-0005	LF	3/16" x 4", Mill Finish, Aluminum Alloy Landscape Edging	7.23	1.92
32 94 13 00-0006	LF	3/16" x 4", Black Paint, Aluminum Alloy Landscape Edging	7.79	1.92
32 94 13 00-0007	LF	3/16" x 4", Black Anodized, Aluminum Alloy Landscape Edging	7.78	1.92
32 94 13 00-0008	LF	1/8" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	6.57	1.98
32 94 13 00-0009	LF	1/8" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	7.20	1.98
32 94 13 00-0010	LF	1/8" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	7.26	1.98
32 94 13 00-0011	LF	3/16" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	8.09	2.04
32 94 13 00-0012	LF	3/16" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	8.71	2.04
32 94 13 00-0013	LF	3/16" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	8.77	2.04
32 94 13 00-0014	LF	3/16" x 4" Powder Coated Steel Landscape Edging	7.19	1.92
32 94 13 00-0015	LF	1/4" x 5" Powder Coated Steel Landscape Edging	9.67	1.92
32 94 13 00-0016	LF	4-1/2" x 12" Granite Edging	20.94	9.40
32 94 13 00-0017	LF	2" x 8" x 16" Precast Scallops, Green	4.07	1.37
32 94 13 00-0018	LF	2" x 8" x 16" Precast Scallops, Other Than Green	3.81	1.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 13 00-0019	LF	Brick, Set Horizontally, 1-1/2 Per LF	4.00	1.51
32 94 13 00-0020	LF	Brick, Set Horizontally, 3 Per LF	10.24	4.12
32 94 13 00-0021	LF	"V" Trenching By Machine, 4" Deep x 4" Wide	1.69	

32 94 16 Landscape Timbers *(32 94)*

32 94 16 00-0001	LF	6" x 8" Railroad Ties	9.73	3.47
32 94 16 00-0002	LF	7" x 9" Railroad Ties	11.79	4.36
32 94 16 00-0003	LF	1" x 4" Redwood	3.41	1.24
32 94 16 00-0004	LF	2" x 4" Redwood Edging	4.76	1.85
32 94 16 00-0005	LF	4" x 6" Pressure Treated Hardwood	5.99	2.48
32 94 16 00-0006	LF	6" x 6" Pressure Treated Hardwood	7.66	3.10
32 94 16 00-0007	LF	6" x 8" Pressure Treated Hardwood	8.97	3.64
32 94 16 00-0008	LF	1" x 4" Pressure Treated Pine	2.66	1.24
32 94 16 00-0009	LF	2" x 4" Pressure Treated Pine	3.99	1.85
32 94 16 00-0010	LF	4" x 6" Pressure Treated Pine	5.71	2.40
32 94 16 00-0011	LF	6" x 6" Pressure Treated Pine	7.62	3.10
32 94 16 00-0012	LF	6" x 8" Pressure Treated Pine	9.17	3.64

32 94 43 Tree Grates *(32 94)*

32 94 43 00-0001 Tree Grates With Frames *(32 94 43)*

32 94 43 00-0002 Round Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0003	EA	32" Diameter, 100 To 150 LB Cast Iron Tree Grate With Frame	447.54	36.77
		For >3 To 9, Deduct	*-28.05*	
		For >9, Deduct	*-57.97*	
32 94 43 00-0004	EA	36" Diameter, 125 To 175 LB Cast Iron Tree Grate With Frame	515.53	36.77
		For >3 To 9, Deduct	*-33.15*	
		For >9, Deduct	*-68.51*	
32 94 43 00-0005	EA	42" Diameter, 150 To 200 LB Cast Iron Tree Grate With Frame	625.04	49.02
		For >3 To 9, Deduct	*-39.53*	
		For >9, Deduct	*-81.69*	
32 94 43 00-0006	EA	48" Diameter, 200 To 250 LB Cast Iron Tree Grate With Frame	773.04	49.02
		For >3 To 9, Deduct	*-50.63*	
		For >9, Deduct	*-104.63*	
32 94 43 00-0007	EA	54" Diameter, 300 To 350 LB Cast Iron Tree Grate With Frame	990.55	61.28
		For >3 To 9, Deduct	*-65.10*	
		For >9, Deduct	*-134.54*	
32 94 43 00-0008	EA	60" Diameter, Up To 350 LB Cast Iron Tree Grate With Frame	1,043.06	73.53
		For >3 To 9, Deduct	*-67.20*	
		For >9, Deduct	*-138.88*	
32 94 43 00-0009	EA	60" Diameter, >350 LB Cast Iron Tree Grate With Frame	1,146.06	73.53
		For >3 To 9, Deduct	*-74.93*	
		For >9, Deduct	*-154.85*	
32 94 43 00-0010	EA	72" Diameter, Up To 550 LB Cast Iron Tree Grate With Frame	1,528.34	104.17
		For >3 To 9, Deduct	*-99.00*	
		For >9, Deduct	*-204.60*	
32 94 43 00-0011	EA	72" Diameter, >500 To 550 LB Cast Iron Tree Grate With Frame	1,588.34	104.17
		For >3 To 9, Deduct	*-103.50*	
		For >9, Deduct	*-213.90*	
32 94 43 00-0012	EA	72" Diameter, >600 To 650 LB Cast Iron Tree Grate With Frame	1,638.34	104.17
		For >3 To 9, Deduct	*-107.25*	
		For >9, Deduct	*-221.65*	
32 94 43 00-0013	EA	72" Diameter, >650 To 700 LB Cast Iron Tree Grate With Frame	1,678.34	104.17
		For >3 To 9, Deduct	*-110.25*	
		For >9, Deduct	*-227.85*	
32 94 43 00-0014	EA	72" Diameter, >700 LB Cast Iron Tree Grate With Frame	1,708.34	104.17
		For >3 To 9, Deduct	*-112.50*	
		For >9, Deduct	*-232.50*	
32 94 43 00-0015	EA	93" Diameter, 950 To 1000 LB Cast Iron Tree Grate With Frame	1,877.11	122.55
		For >3 To 9, Deduct	*-122.40*	
		For >9, Deduct	*-252.96*	

32 94 43 00-0016 Square Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0017	EA	30" x 30", 75 To 125 LB Cast Iron Tree Grate With Frame	413.53	36.77
		For >3 To 9, Deduct	*-25.50*	
		For >9, Deduct	*-52.70*	
32 94 43 00-0018	EA	36" x 36", 100 To 150 LB Cast Iron Tree Grate With Frame	498.53	36.77
		For >3 To 9, Deduct	*-31.88*	
		For >9, Deduct	*-65.88*	
32 94 43 00-0019	EA	48" x 48", Up To 200 LB Cast Iron Tree Grate With Frame	742.55	61.28
		For >3 To 9, Deduct	*-46.50*	
		For >9, Deduct	*-96.10*	
32 94 43 00-0020	EA	48" x 48", >200 To 250 LB Cast Iron Tree Grate With Frame	872.55	61.28
		For >3 To 9, Deduct	*-56.25*	
		For >9, Deduct	*-116.25*	
32 94 43 00-0021	EA	48" x 48", >250 To 300 LB Cast Iron Tree Grate With Frame	992.55	61.28
		For >3 To 9, Deduct	*-65.25*	
		For >9, Deduct	*-134.85*	
32 94 43 00-0022	EA	48" x 48", >300 To 350 LB Cast Iron Tree Grate With Frame	1,102.55	61.28
		For >3 To 9, Deduct	*-73.50*	
		For >9, Deduct	*-151.90*	
32 94 43 00-0023	EA	48" x 48", >350 To 400 LB Cast Iron Tree Grate With Frame	1,202.55	61.28
		For >3 To 9, Deduct	*-81.00*	
		For >9, Deduct	*-167.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 43 00-0024	EA	48" x 48", >400 LB Cast Iron Tree Grate With Frame	1,292.55	61.28
		For >3 To 9, Deduct	*-87.75*	
		For >9, Deduct	*-181.35*	
32 94 43 00-0025	EA	60" x 60", Up To 400 LB Cast Iron Tree Grate With Frame	1,251.58	85.78
		For >3 To 9, Deduct	*-81.00*	
		For >9, Deduct	*-167.40*	
32 94 43 00-0026	EA	60" x 60", >400 To 450 LB Cast Iron Tree Grate With Frame	1,341.58	85.78
		For >3 To 9, Deduct	*-87.75*	
		For >9, Deduct	*-181.35*	
32 94 43 00-0027	EA	60" x 60", >450 To 500 LB Cast Iron Tree Grate With Frame	1,421.58	85.78
		For >3 To 9, Deduct	*-93.75*	
		For >9, Deduct	*-193.75*	
32 94 43 00-0028	EA	60" x 60", >500 To 550 LB Cast Iron Tree Grate With Frame	1,491.58	85.78
		For >3 To 9, Deduct	*-99.00*	
		For >9, Deduct	*-204.60*	
32 94 43 00-0029	EA	60" x 60", >550 To 600 LB Cast Iron Tree Grate With Frame	1,551.58	85.78
		For >3 To 9, Deduct	*-103.50*	
		For >9, Deduct	*-213.90*	
32 94 43 00-0030	EA	60" x 60", >600 LB Cast Iron Tree Grate With Frame	1,601.58	85.78
		For >3 To 9, Deduct	*-107.25*	
		For >9, Deduct	*-221.65*	
32 94 43 00-0031	EA	72" x 72", Up To 550 LB Cast Iron Tree Grate With Frame	1,528.34	104.17
		For >3 To 9, Deduct	*-99.00*	
		For >9, Deduct	*-204.60*	
32 94 43 00-0032	EA	72" x 72", >550 To 600 LB Cast Iron Tree Grate With Frame	1,588.34	104.17
		For >3 To 9, Deduct	*-103.50*	
		For >9, Deduct	*-213.90*	
32 94 43 00-0033	EA	72" x 72", >600 To 650 LB Cast Iron Tree Grate With Frame	1,638.34	104.17
		For >3 To 9, Deduct	*-107.25*	
		For >9, Deduct	*-221.65*	
32 94 43 00-0034	EA	72" x 72", >650 To 700 LB Cast Iron Tree Grate With Frame	1,678.34	104.17
		For >3 To 9, Deduct	*-110.25*	
		For >9, Deduct	*-227.85*	
32 94 43 00-0035	EA	72" x 72", >700 To 750 LB Cast Iron Tree Grate With Frame	1,708.34	104.17
		For >3 To 9, Deduct	*-112.50*	
		For >9, Deduct	*-232.50*	
32 94 43 00-0036	EA	72" x 72", >750 To 800 LB Cast Iron Tree Grate With Frame	1,728.34	104.17
		For >3 To 9, Deduct	*-114.00*	
		For >9, Deduct	*-235.60*	
32 94 43 00-0037	EA	72" x 72", >800 To 850 LB Cast Iron Tree Grate With Frame	1,738.34	104.17
		For >3 To 9, Deduct	*-114.75*	
		For >9, Deduct	*-237.15*	
32 94 43 00-0038	EA	72" x 72", >850 LB Cast Iron Tree Grate With Frame	1,748.34	104.17
		For >3 To 9, Deduct	*-115.50*	
		For >9, Deduct	*-238.70*	

32 94 43 00-0039 Rectangular Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0040	EA	36" x 48", 200 To 250 LB Cast Iron Tree Grate With Frame	773.04	49.02
		For >3 To 9, Deduct	*-50.63*	
		For >9, Deduct	*-104.63*	
32 94 43 00-0041	EA	36" x 60", 200 To 250 LB Cast Iron Tree Grate With Frame	788.04	49.02
		For >3 To 9, Deduct	*-51.75*	
		For >9, Deduct	*-106.95*	
32 94 43 00-0042	EA	36" x 72", 275 To 325 LB Cast Iron Tree Grate With Frame	963.55	61.28
		For >3 To 9, Deduct	*-63.08*	
		For >9, Deduct	*-130.36*	
32 94 43 00-0043	EA	48" x 72", Up To 350 LB Cast Iron Tree Grate With Frame	1,130.55	61.28
		For >3 To 9, Deduct	*-75.60*	
		For >9, Deduct	*-156.24*	
32 94 43 00-0044	EA	48" x 72", >350 LB Cast Iron Tree Grate With Frame	1,202.55	61.28
		For >3 To 9, Deduct	*-81.00*	
		For >9, Deduct	*-167.40*	
32 94 43 00-0045	EA	60" x 84", 700 To 750 LB Cast Iron Tree Grate With Frame	1,618.34	104.17
		For >3 To 9, Deduct	*-105.75*	
		For >9, Deduct	*-218.55*	

32 94 49 Tree Accessories *(32 94)*

32 94 49 00-0001 Tree Guying *(32 94 49)*

32 94 49 00-0002 Tree Guying, Stakes *(32 94 49 00-0001)*

Note: Includes stakes, cross brace, double #12 gauge twisted wire and reinforced rubber hose tree wrap.

32 94 49 00-0003	EA	Tree Guying Up To 2" Caliper, 2 Stakes	18.30
32 94 49 00-0004	EA	Tree Guying 2" To 3" Caliper, 2 Stakes	32.46
32 94 49 00-0005	EA	Tree Guying 3" To 4" Caliper, 3 Stakes	55.82

32 94 49 00-0006 Tree Guying, Anchors *(32 94 49 00-0001)*

Note: Includes arrowhead anchor, cable, turnbuckles and wrap or reinforced rubber hose.

32 94 49 00-0007	EA	Tree Guying Up To 3" Caliper, 3" Anchors	77.08
32 94 49 00-0008	EA	Tree Guying 3" To 6" Caliper, 4" Anchors	104.00
32 94 49 00-0009	EA	Tree Guying 6" To 8" Caliper, 6" Anchors	133.25
32 94 49 00-0010	EA	Tree Guying 8" And Up Caliper, 8" Anchors	172.07

32 94 49 00-0011 Tree Wrap *(32 94 49)*

32 94 49 00-0012	EA	Tree Wrap, Up To 1" Caliper Applied Ground Level To First Branches Of Tree	4.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 49 00-0013	EA	Tree Wrap, 1" To 2" Caliper Applied Ground Level To First Branches Of Tree	8.03	
32 94 49 00-0014	EA	Tree Wrap, >2" To 4" Caliper Applied Ground Level To First Branches Of Tree	15.75	
32 94 49 00-0015	EA	Tree Wrap, >4" To 6" Caliper Applied Ground Level To First Branches Of Tree	23.90	

32 94 49 00-0016 Tree Guards *(32 94 49)*

32 94 49 00-0017	EA	3' Preformed Plastic Tree Guard	7.56	
32 94 49 00-0018	EA	2' Preformed Plastic Tree Guard	7.14	

32 94 49 00-0019 Stake Out Tree And Shrub Locations *(32 94 49)*

Note: When no design available.

32 94 49 00-0020	EA	Stake Out Trees Or Shrubs	4.99	

32 94 49 00-0021 Root Barriers *(32 94 49)*

32 94 49 00-0022	EA	18" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner	11.07	
32 94 49 00-0023	EA	24" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner	13.11	
32 94 49 00-0024	EA	36" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner	17.65	
32 94 49 00-0025	EA	48" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner	23.70	

32 96 Transplanting *(32 90)*

See CSI section 32 94 49 00-0001 for guying.

32 96 33 Shrub Transplanting *(32 96)*

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 33 00-0001 Moving Shrubs On Site, Relocate *(32 96 33)*

Note: Includes digging up, moving on site, digging new hole and replanting. See CSI section 32 94 49 00-0001 for guying.

32 96 33 00-0002	EA	Up To 18" Root Ball, Move Shrubs On Site	48.60	
		For >25 To 50, Deduct	*-4.86*	
		For >50, Deduct	*-7.29*	
32 96 33 00-0003	EA	>18" To 24" Root Ball, Move Shrubs On Site	66.66	
		For >25 To 50, Deduct	*-6.67*	
		For >50, Deduct	*-10.00*	
32 96 33 00-0004	EA	>24" To 30" Root Ball, Move Shrubs On Site	83.32	
		For >25 To 50, Deduct	*-8.33*	
		For >50, Deduct	*-12.50*	
32 96 33 00-0005	EA	>30" To 36" Root Ball, Move Shrubs On Site	108.51	
		For >25 To 50, Deduct	*-10.85*	
		For >50, Deduct	*-16.28*	

32 96 43 Tree Transplanting *(32 96)*

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 43 00-0001 Moving Trees On Site, Relocate *(32 96 43)*

Note: Includes digging up, moving on site, digging new hole and replanting. Excludes crane where necessary for trees over 20' tall. See CSI section 32 94 49 00-0001 for guying.

32 96 43 00-0002	EA	Up To 24" Root Ball, Move Trees On Site	206.43	
		For >5 To 10, Deduct	*-10.32*	
		For >10 To 20, Deduct	*-20.64*	
		For >20, Deduct	*-30.96*	
32 96 43 00-0003	EA	>24" To 30" Root Ball, Move Trees On Site	283.11	
		For >5 To 10, Deduct	*-14.16*	
		For >10 To 20, Deduct	*-28.31*	
		For >20, Deduct	*-42.47*	
32 96 43 00-0004	EA	>30" To 36" Root Ball, Move Trees On Site	458.75	
		For >5 To 10, Deduct	*-22.94*	
		For >10 To 20, Deduct	*-45.88*	
		For >20, Deduct	*-68.81*	
32 96 43 00-0005	EA	>36" To 48" Root Ball, Move Trees On Site	762.22	
		For >5 To 10, Deduct	*-38.11*	
		For >10 To 20, Deduct	*-76.22*	
		For >20, Deduct	*-114.33*	
32 96 43 00-0006	EA	>48" To 60" Root Ball, Move Trees On Site	1,238.61	
		For >5 To 10, Deduct	*-61.93*	
		For >10 To 20, Deduct	*-123.86*	
		For >20, Deduct	*-185.79*	
32 96 43 00-0007	EA	>60" To 72" Root Ball, Move Trees On Site	1,598.21	
		For >5 To 10, Deduct	*-79.91*	
		For >10 To 20, Deduct	*-159.82*	
		For >20, Deduct	*-239.73*	
32 96 43 00-0008	EA	>72" To 84" Root Ball, Move Trees On Site	2,064.36	
		For >5 To 10, Deduct	*-103.22*	
		For >10 To 20, Deduct	*-206.44*	
		For >20, Deduct	*-309.65*	
32 96 43 00-0009	EA	>84" To 96" Root Ball, Move Trees On Site	2,477.22	
		For >5 To 10, Deduct	*-123.86*	
		For >10 To 20, Deduct	*-247.72*	
		For >20, Deduct	*-371.58*	
32 96 43 00-0010	EA	>96" To 120" Root Ball, Move Trees On Site	2,815.03	
		For >5 To 10, Deduct	*-140.75*	
		For >10 To 20, Deduct	*-281.50*	
		For >20, Deduct	*-422.25*	

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END OF SECTION 32

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 Utilities

33 01 Operation And Maintenance Of Utilities *(33)*

33 01 30 Operation And Maintenance Of Sewer Utilities *(33 01)*

33 01 30 16 TV Inspection Of Pipelines *(33 01 30)*

Note: Rotating head color camera. Includes all log records and color video tape, DVD or CD.

33 01 30 16-0001 Remote Visual inspection (RVI) Of Pipe Interior And Culverts *(33 01 30 16)*

33 01 30 16-0002 Video Camera Set-up *(33 01 30 16-0001)*

33 01 30 16-0003	EA	Initial Set Up For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert Note: A "push camera" is a straight view camera at the end of a rigid push rod for 1?-12? diameter pipes for distances up to 300 feet.	651.19
33 01 30 16-0004	EA	Initial Set Up For "Crawler" Video Camera Inspection, 4" And Larger Diameter Pipe Or Culvert Note: Crawlers are generally remotely operated vehicles (ROVs) for longer distances (over 300') and for larger diameters (4? and larger).	1,302.38
33 01 30 16-0005	EA	Initial Set Up For Video Camera Inspection, > 36" Diameter Pipe Or Culvert	1,953.57
33 01 30 16-0006	EA	Re-Set Up/Move For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert	325.60
33 01 30 16-0007	EA	Re-Set Up/Move For "Crawler" Video Camera Inspection, 4" And Larger Diameter Pipe Or Culvert	651.19

33 01 30 16-0008 Video Camera Planning And Analysis Inspection *(33 01 30 16-0001)*

Note: For pipe interior and culverts.

33 01 30 16-0009	LF	4" To 6" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	1.65
		For >500 To 1000, Deduct	*-0.17*
		For >1000 To 5000, Deduct	*-0.41*
		For >5000, Deduct	*-0.58*
33 01 30 16-0010	LF	>6" To 12" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	2.20
		For >500 To 1000, Deduct	*-0.22*
		For >1000 To 5000, Deduct	*-0.55*
		For >5000, Deduct	*-0.77*
33 01 30 16-0011	LF	>12" To 21" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	2.76
		For >500 To 1000, Deduct	*-0.28*
		For >1000 To 5000, Deduct	*-0.69*
		For >5000, Deduct	*-0.97*
33 01 30 16-0012	LF	>21" To 30" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	3.67
		For >500 To 1000, Deduct	*-0.37*
		For >1000 To 5000, Deduct	*-0.92*
		For >5000, Deduct	*-1.28*
33 01 30 16-0013	LF	>30" To 42" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	5.16
		For >500 To 1000, Deduct	*-0.52*
		For >1000 To 5000, Deduct	*-1.29*
		For >5000, Deduct	*-1.81*
33 01 30 16-0014	LF	>42" To 60" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	6.88
		For >500 To 1000, Deduct	*-0.69*
		For >1000 To 5000, Deduct	*-1.72*
		For >5000, Deduct	*-2.41*
33 01 30 16-0015	LF	>60" To 72" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	9.71
		For >500 To 1000, Deduct	*-0.97*
		For >1000 To 5000, Deduct	*-2.43*
		For >5000, Deduct	*-3.40*
33 01 30 16-0016	LF	>72" To 84" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	13.76
		For >500 To 1000, Deduct	*-1.38*
		For >1000 To 5000, Deduct	*-3.44*
		For >5000, Deduct	*-4.82*

33 01 30 16-0017 Video Camera Pre-Rehab For Pipe Interior And Culverts *(33 01 30 16-0001)*

33 01 30 16-0018	LF	4" To 6" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	2.45
		For >500 To 1000, Deduct	*-0.25*
		For >1000 To 5000, Deduct	*-0.61*
		For >5000, Deduct	*-0.86*
33 01 30 16-0019	LF	>6" To 12" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	3.25
		For >500 To 1000, Deduct	*-0.33*
		For >1000 To 5000, Deduct	*-0.81*
		For >5000, Deduct	*-1.14*
33 01 30 16-0020	LF	>12" To 21" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	4.07
		For >500 To 1000, Deduct	*-0.41*
		For >1000 To 5000, Deduct	*-1.02*
		For >5000, Deduct	*-1.42*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 16-0021	LF	>21" To 30" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	5.43	
		For >500 To 1000, Deduct	*-0.54*	
		For >1000 To 5000, Deduct	*-1.36*	
		For >5000, Deduct	*-1.90*	
33 01 30 16-0022	LF	>30" To 42" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	7.63	
		For >500 To 1000, Deduct	*-0.76*	
		For >1000 To 5000, Deduct	*-1.91*	
		For >5000, Deduct	*-2.67*	
33 01 30 16-0023	LF	>42" To 60" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	10.17	
		For >500 To 1000, Deduct	*-1.02*	
		For >1000 To 5000, Deduct	*-2.54*	
		For >5000, Deduct	*-3.56*	
33 01 30 16-0024	LF	>60" To 72" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	14.36	
		For >500 To 1000, Deduct	*-1.44*	
		For >1000 To 5000, Deduct	*-3.59*	
		For >5000, Deduct	*-5.03*	
33 01 30 16-0025	LF	>72" To 84" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	20.35	
		For >500 To 1000, Deduct	*-2.04*	
		For >1000 To 5000, Deduct	*-5.09*	
		For >5000, Deduct	*-7.12*	

33 01 30 16-0026 Video Camera Post-Rehab For Pipe Interior And Culverts *(33 01 30 16-0001)*

33 01 30 16-0027	LF	4" To 6" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	1.74	
		For >500 To 1000, Deduct	*-0.17*	
		For >1000 To 5000, Deduct	*-0.44*	
		For >5000, Deduct	*-0.61*	
33 01 30 16-0028	LF	>6" To 12" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	2.32	
		For >500 To 1000, Deduct	*-0.23*	
		For >1000 To 5000, Deduct	*-0.58*	
		For >5000, Deduct	*-0.81*	
33 01 30 16-0029	LF	>12" To 21" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	2.91	
		For >500 To 1000, Deduct	*-0.29*	
		For >1000 To 5000, Deduct	*-0.73*	
		For >5000, Deduct	*-1.02*	
33 01 30 16-0030	LF	>21" To 30" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	3.88	
		For >500 To 1000, Deduct	*-0.39*	
		For >1000 To 5000, Deduct	*-0.97*	
		For >5000, Deduct	*-1.36*	
33 01 30 16-0031	LF	>30" To 42" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	5.45	
		For >500 To 1000, Deduct	*-0.55*	
		For >1000 To 5000, Deduct	*-1.36*	
		For >5000, Deduct	*-1.91*	
33 01 30 16-0032	LF	>42" To 60" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	7.27	
		For >500 To 1000, Deduct	*-0.73*	
		For >1000 To 5000, Deduct	*-1.82*	
		For >5000, Deduct	*-2.54*	
33 01 30 16-0033	LF	>60" To 72" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	10.26	
		For >500 To 1000, Deduct	*-1.03*	
		For >1000 To 5000, Deduct	*-2.57*	
		For >5000, Deduct	*-3.59*	
33 01 30 16-0034	LF	>72" To 84" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	14.53	
		For >500 To 1000, Deduct	*-1.45*	
		For >1000 To 5000, Deduct	*-3.63*	
		For >5000, Deduct	*-5.09*	

33 01 30 51 Maintenance Of Utilities *(33 01 30)*

33 01 30 51-0001 Pipe Line And Structure Cleaning And Flushing *(33 01 30 51)*

Note: Includes flushing. Owner provided water.

33 01 30 51-0002 Pipe Line Cleaning *(33 01 30 51-0001)*

Note: Includes removal of all debris/waste.

33 01 30 51-0003 Hydro Jet Set-up And Reinsertion *(33 01 30 51-0002)*

33 01 30 51-0004	EA	Initial Set Up And Final Equipment Removal For Jet Cleaning	1,848.64
33 01 30 51-0005	EA	Move And Reset Up At Different Access/Location For Jet Cleaning	462.16

33 01 30 51-0006 Hydro Jet Cleaning Of Sewer And Water Pipelines *(33 01 30 51-0002)*

33 01 30 51-0007	LF	Up To 4" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	2.49	
		For >250 To 500, Deduct	*-0.12*	
		For >500 To 1000, Deduct	*-0.25*	
		For >1000 To 2000, Deduct	*-0.37*	
		For >2000 To 5000, Deduct	*-0.50*	
		For >5000, Deduct	*-0.62*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*1.87*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0008	LF	6" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	2.85	
		For >250 To 500, Deduct	*-0.14*	
		For >500 To 1000, Deduct	*-0.29*	
		For >1000 To 2000, Deduct	*-0.43*	
		For >2000 To 5000, Deduct	*-0.57*	
		For >5000, Deduct	*-0.71*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*2.14*	
33 01 30 51-0009	LF	8" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	3.35	
		For >250 To 500, Deduct	*-0.17*	
		For >500 To 1000, Deduct	*-0.34*	
		For >1000 To 2000, Deduct	*-0.50*	
		For >2000 To 5000, Deduct	*-0.67*	
		For >5000, Deduct	*-0.84*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*2.51*	
33 01 30 51-0010	LF	10" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	4.14	
		For >250 To 500, Deduct	*-0.21*	
		For >500 To 1000, Deduct	*-0.41*	
		For >1000 To 2000, Deduct	*-0.62*	
		For >2000 To 5000, Deduct	*-0.83*	
		For >5000, Deduct	*-1.04*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*3.11*	
33 01 30 51-0011	LF	12" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	4.70	
		For >250 To 500, Deduct	*-0.24*	
		For >500 To 1000, Deduct	*-0.47*	
		For >1000 To 2000, Deduct	*-0.71*	
		For >2000 To 5000, Deduct	*-0.94*	
		For >5000, Deduct	*-1.18*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*3.53*	
33 01 30 51-0012	LF	>12" To 16" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	5.42	
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 1000, Deduct	*-0.54*	
		For >1000 To 2000, Deduct	*-0.81*	
		For >2000 To 5000, Deduct	*-1.08*	
		For >5000, Deduct	*-1.36*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*4.07*	
33 01 30 51-0013	LF	>16" To 24" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	6.53	
		For >250 To 500, Deduct	*-0.33*	
		For >500 To 1000, Deduct	*-0.65*	
		For >1000 To 2000, Deduct	*-0.98*	
		For >2000 To 5000, Deduct	*-1.31*	
		For >5000, Deduct	*-1.63*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*4.90*	
33 01 30 51-0014	LF	>24" To 30" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	7.41	
		For >250 To 500, Deduct	*-0.37*	
		For >500 To 1000, Deduct	*-0.74*	
		For >1000 To 2000, Deduct	*-1.11*	
		For >2000 To 5000, Deduct	*-1.48*	
		For >5000, Deduct	*-1.85*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*5.56*	

33 01 30 51-0015 Flushing Of Storm Water Pipelines *(33 01 30 51-0002)*

Note: To remove silt and small debris from storm drainage pipes.

33 01 30 51-0016	LF	12" To 16" Diameter Pipe Line Flushing	1.07	
		For >250 To 500, Deduct	*-0.05*	
		For >500 To 1000, Deduct	*-0.11*	
		For >1000 To 2000, Deduct	*-0.16*	
		For >2000 To 5000, Deduct	*-0.21*	
		For >5000, Deduct	*-0.27*	
33 01 30 51-0017	LF	>16" To 24" Diameter Pipe Line Flushing	1.22	
		For >250 To 500, Deduct	*-0.06*	
		For >500 To 1000, Deduct	*-0.12*	
		For >1000 To 2000, Deduct	*-0.18*	
		For >2000 To 5000, Deduct	*-0.24*	
		For >5000, Deduct	*-0.31*	
33 01 30 51-0018	LF	>24" To 30" Diameter Pipe Line Flushing	1.44	
		For >250 To 500, Deduct	*-0.07*	
		For >500 To 1000, Deduct	*-0.14*	
		For >1000 To 2000, Deduct	*-0.22*	
		For >2000 To 5000, Deduct	*-0.29*	
		For >5000, Deduct	*-0.36*	
33 01 30 51-0019	LF	>30" To 42" Diameter Pipe Line Flushing	1.66	
		For >250 To 500, Deduct	*-0.08*	
		For >500 To 1000, Deduct	*-0.17*	
		For >1000 To 2000, Deduct	*-0.25*	
		For >2000 To 5000, Deduct	*-0.33*	
		For >5000, Deduct	*-0.42*	
33 01 30 51-0020	LF	>42" To 60" Diameter Pipe Line Flushing	2.21	
		For >250 To 500, Deduct	*-0.11*	
		For >500 To 1000, Deduct	*-0.22*	
		For >1000 To 2000, Deduct	*-0.33*	
		For >2000 To 5000, Deduct	*-0.44*	
		For >5000, Deduct	*-0.55*	

33 01 30 51-0021 Hydro Jet Cleaning Of Culverts *(33 01 30 51-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0022	LF	Jet Cleaning Of Culvert, 0-250 LF	11.50	
		For >250 To 500, Deduct	*-0.58*	
		For >500 To 1000, Deduct	*-1.15*	
		For >1000 To 2000, Deduct	*-1.73*	
		For >2000 To 5000, Deduct	*-2.30*	
		For >5000, Deduct	*-2.88*	

33 01 30 51-0023 Pipe Line Cleaning, Mechanical Method *(33 01 30 51-0001)*

Note: Power winching buckets, scrapers, scooters, porcupines, brushes and other debris removing equipment. Includes removal of all debris/waste.

33 01 30 51-0024	EA	Initial Set Up And Final Equipment Removal For Mechanical Cleaning	894.59	
33 01 30 51-0025	EA	Move And Reset Up At Different Access/Location	298.20	
33 01 30 51-0026	LF	12" Diameter Pipe Line Cleaning, Mechanical Method	9.83	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1000, Deduct	*-0.93*	
		For >1000 To 2000, Deduct	*-1.40*	
		For >2000 To 5000, Deduct	*-1.86*	
		For >5000, Deduct	*-2.33*	
33 01 30 51-0027	LF	>12" To 16" Diameter Pipe Line Cleaning, Mechanical Method	11.30	
		For >250 To 500, Deduct	*-0.53*	
		For >500 To 1000, Deduct	*-1.07*	
		For >1000 To 2000, Deduct	*-1.60*	
		For >2000 To 5000, Deduct	*-2.13*	
		For >5000, Deduct	*-2.66*	
33 01 30 51-0028	LF	>16" To 24" Diameter Pipe Line Cleaning, Mechanical Method	14.17	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1000, Deduct	*-1.32*	
		For >1000 To 2000, Deduct	*-1.97*	
		For >2000 To 5000, Deduct	*-2.63*	
		For >5000, Deduct	*-3.29*	
33 01 30 51-0029	LF	>24" To 30" Diameter Pipe Line Cleaning, Mechanical Method	16.11	
		For >250 To 500, Deduct	*-0.73*	
		For >500 To 1000, Deduct	*-1.47*	
		For >1000 To 2000, Deduct	*-2.20*	
		For >2000 To 5000, Deduct	*-2.93*	
		For >5000, Deduct	*-3.67*	
33 01 30 51-0030	LF	>30" To 42" Diameter Pipe Line Cleaning, Mechanical Method	18.69	
		For >250 To 500, Deduct	*-0.84*	
		For >500 To 1000, Deduct	*-1.69*	
		For >1000 To 2000, Deduct	*-2.53*	
		For >2000 To 5000, Deduct	*-3.38*	
		For >5000, Deduct	*-4.22*	
33 01 30 51-0031	LF	>42 To 60" Diameter Pipe Line Cleaning, Mechanical Method	24.54	
		For >250 To 500, Deduct	*-1.12*	
		For >500 To 1000, Deduct	*-2.24*	
		For >1000 To 2000, Deduct	*-3.36*	
		For >2000 To 5000, Deduct	*-4.47*	
		For >5000, Deduct	*-5.59*	
33 01 30 51-0032	LF	>60" Diameter Pipe Line Cleaning, Mechanical Method	27.74	
		For >250 To 500, Deduct	*-1.24*	
		For >500 To 1000, Deduct	*-2.49*	
		For >1000 To 2000, Deduct	*-3.73*	
		For >2000 To 5000, Deduct	*-4.97*	
		For >5000, Deduct	*-6.21*	

33 01 30 51-0033 Pipe Line Auguring/Rod Out Pipe *(33 01 30 51-0001)*

33 01 30 51-0034	EA	Initial Set Up And Final Equipment Removal For Auguring	894.59	
33 01 30 51-0035	EA	Move And Reset Up At Different Location	298.20	
33 01 30 51-0036	LF	Up To 4" Diameter Pipe Line Auguring/Rod Out	2.98	
		For >250 To 500, Deduct	*-0.15*	
		For >500 To 1000, Deduct	*-0.30*	
		For >1000 To 2000, Deduct	*-0.45*	
		For >2000 To 5000, Deduct	*-0.60*	
		For >5000, Deduct	*-0.75*	
33 01 30 51-0037	LF	6" Diameter Pipe Line Auguring/Rod Out	3.86	
		For >250 To 500, Deduct	*-0.19*	
		For >500 To 1000, Deduct	*-0.39*	
		For >1000 To 2000, Deduct	*-0.58*	
		For >2000 To 5000, Deduct	*-0.77*	
		For >5000, Deduct	*-0.97*	
33 01 30 51-0038	LF	8" Diameter Pipe Line Auguring/Rod Out	4.47	
		For >250 To 500, Deduct	*-0.22*	
		For >500 To 1000, Deduct	*-0.45*	
		For >1000 To 2000, Deduct	*-0.67*	
		For >2000 To 5000, Deduct	*-0.89*	
		For >5000, Deduct	*-1.12*	
33 01 30 51-0039	LF	10" Diameter Pipe Line Auguring/Rod Out	5.20	
		For >250 To 500, Deduct	*-0.26*	
		For >500 To 1000, Deduct	*-0.52*	
		For >1000 To 2000, Deduct	*-0.78*	
		For >2000 To 5000, Deduct	*-1.04*	
		For >5000, Deduct	*-1.30*	
33 01 30 51-0040	LF	12" Diameter Pipe Line Auguring/Rod Out	5.59	
		For >250 To 500, Deduct	*-0.28*	
		For >500 To 1000, Deduct	*-0.56*	
		For >1000 To 2000, Deduct	*-0.84*	
		For >2000 To 5000, Deduct	*-1.12*	
		For >5000, Deduct	*-1.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0041	LF	>12" To 16" Diameter Pipe Line Auguring/Rod Out	6.39	
		For >250 To 500, Deduct	*-0.32*	
		For >500 To 1000, Deduct	*-0.64*	
		For >1000 To 2000, Deduct	*-0.96*	
		For >2000 To 5000, Deduct	*-1.28*	
		For >5000, Deduct	*-1.60*	
33 01 30 51-0042	LF	>16" To 24" Diameter Pipe Line Auguring/Rod Out	7.84	
		For >250 To 500, Deduct	*-0.39*	
		For >500 To 1000, Deduct	*-0.78*	
		For >1000 To 2000, Deduct	*-1.18*	
		For >2000 To 5000, Deduct	*-1.57*	
		For >5000, Deduct	*-1.96*	
33 01 30 51-0043	LF	>24" To 30" Diameter Pipe Line Auguring/Rod Out	8.77	
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 1000, Deduct	*-0.88*	
		For >1000 To 2000, Deduct	*-1.32*	
		For >2000 To 5000, Deduct	*-1.75*	
		For >5000, Deduct	*-2.19*	
33 01 30 51-0044	LF	>30" To 42" Diameter Pipe Line Auguring/Rod Out	10.16	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1000, Deduct	*-1.02*	
		For >1000 To 2000, Deduct	*-1.52*	
		For >2000 To 5000, Deduct	*-2.03*	
		For >5000, Deduct	*-2.54*	
33 01 30 51-0045	LF	>42 To 60" Diameter Pipe Line Auguring/Rod Out	13.98	
		For >250 To 500, Deduct	*-0.70*	
		For >500 To 1000, Deduct	*-1.40*	
		For >1000 To 2000, Deduct	*-2.10*	
		For >2000 To 5000, Deduct	*-2.80*	
		For >5000, Deduct	*-3.50*	
33 01 30 51-0046	LF	>60" Diameter Pipe Line Auguring/Rod Out	14.91	
		For >250 To 500, Deduct	*-0.75*	
		For >500 To 1000, Deduct	*-1.49*	
		For >1000 To 2000, Deduct	*-2.24*	
		For >2000 To 5000, Deduct	*-2.98*	
		For >5000, Deduct	*-3.73*	

33 01 30 51-0047 Rod Out Structures And Other Hand Operations *(33 01 30 51-0001)*

33 01 30 51-0048	EA	Rod Out Sewer Catch Basin	71.35	
33 01 30 51-0049	EA	Clean Out Debris From Entrance To Inlet Structure	178.37	
33 01 30 51-0050	EA	3' To 4' Diameter, Clean Out Blocked Manhole By Hand	663.27	
		For >10 To 100, Deduct	*-99.49*	
		For >100 To 250, Deduct	*-149.24*	
		For >250, Deduct	*-198.98*	
33 01 30 51-0051	EA	5' To 6' Diameter, Clean Out Blocked Manhole By Hand	795.91	
		For >10 To 100, Deduct	*-119.39*	
		For >100 To 250, Deduct	*-179.08*	
		For >250, Deduct	*-238.77*	
33 01 30 51-0052	EA	Clean Out Blocked Catch Basin By Hand	397.96	
		For >10 To 100, Deduct	*-59.69*	
		For >100 To 250, Deduct	*-89.54*	
		For >250, Deduct	*-119.39*	

33 01 30 51-0053 Cleaning Manholes And Drainage Structures *(33 01 30 51-0001)*

Note: Includes removal of debris.

33 01 30 51-0054	VLF	Waterblast Cleaning For 3' To 4' Diameter Manhole	77.02	
33 01 30 51-0055	VLF	Waterblast Cleaning For 5' To 6' Diameter Manhole	96.29	
33 01 30 51-0056	EA	Vacuum Out 1 To 2 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	1,136.88	
33 01 30 51-0057	EA	Vacuum Out 3 To 10 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	852.66	
33 01 30 51-0058	EA	Vacuum Out 11 To 25 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	568.44	
33 01 30 51-0059	EA	Vacuum Out 26 To 100 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	497.39	
33 01 30 51-0060	EA	Vacuum Out 101 To 250 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	461.86	
33 01 30 51-0061	EA	Vacuum Out > 250 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	426.34	

33 01 30 51-0062 Pipe Repair *(33 01 30 51)*

33 01 30 51-0063 Pipe Repair Clamp, Full Circle, Single Band *(33 01 30 51-0062)*

Note: Repair clamps for asbestos cement pipe, cast iron soil pipe, non-reinforced concrete pipe, PVC pipe, vitrified clay pipe, gray iron pipe and ductile iron pipe. (Smith-Blair Model 226).

33 01 30 51-0064	EA	2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	104.83	
		For Stainless Steel Nuts And Bolts, Add	*18.09*	
33 01 30 51-0065	EA	2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	150.25	
		For Stainless Steel Nuts And Bolts, Add	*27.26*	
33 01 30 51-0066	EA	2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	174.11	
		For Stainless Steel Nuts And Bolts, Add	*32.11*	
33 01 30 51-0067	EA	2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	198.66	
		For Stainless Steel Nuts And Bolts, Add	*36.94*	
33 01 30 51-0068	EA	2-1/2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	113.17	
		For Stainless Steel Nuts And Bolts, Add	*19.65*	
33 01 30 51-0069	EA	2-1/2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	159.80	
		For Stainless Steel Nuts And Bolts, Add	*29.10*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0070	EA	2-1/2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	183.55	
		For Stainless Steel Nuts And Bolts, Add	*33.83*	
33 01 30 51-0071	EA	2-1/2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	212.53	
		For Stainless Steel Nuts And Bolts, Add	*39.58*	
33 01 30 51-0072	EA	3" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	122.01	
		For Stainless Steel Nuts And Bolts, Add	*21.50*	
33 01 30 51-0073	EA	3" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	166.35	
		For Stainless Steel Nuts And Bolts, Add	*30.42*	
33 01 30 51-0074	EA	3" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	192.72	
		For Stainless Steel Nuts And Bolts, Add	*35.66*	
33 01 30 51-0075	EA	3" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	225.33	
		For Stainless Steel Nuts And Bolts, Add	*42.34*	
33 01 30 51-0076	EA	4" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	137.65	
		For Stainless Steel Nuts And Bolts, Add	*24.44*	
33 01 30 51-0077	EA	4" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	182.30	
		For Stainless Steel Nuts And Bolts, Add	*32.90*	
33 01 30 51-0078	EA	4" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	221.20	
		For Stainless Steel Nuts And Bolts, Add	*40.05*	
33 01 30 51-0079	EA	4" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	266.54	
		For Stainless Steel Nuts And Bolts, Add	*48.31*	
33 01 30 51-0080	EA	4" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	349.92	
		For Stainless Steel Nuts And Bolts, Add	*64.89*	
33 01 30 51-0081	EA	4" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	435.95	
		For Stainless Steel Nuts And Bolts, Add	*81.46*	
33 01 30 51-0082	EA	4" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	532.29	
		For Stainless Steel Nuts And Bolts, Add	*99.93*	
33 01 30 51-0083	EA	6" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	159.21	
		For Stainless Steel Nuts And Bolts, Add	*28.22*	
33 01 30 51-0084	EA	6" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	214.67	
		For Stainless Steel Nuts And Bolts, Add	*38.88*	
33 01 30 51-0085	EA	6" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	252.43	
		For Stainless Steel Nuts And Bolts, Add	*45.47*	
33 01 30 51-0086	EA	6" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	288.14	
		For Stainless Steel Nuts And Bolts, Add	*51.16*	
33 01 30 51-0087	EA	6" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	411.86	
		For Stainless Steel Nuts And Bolts, Add	*76.60*	
33 01 30 51-0088	EA	6" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	498.50	
		For Stainless Steel Nuts And Bolts, Add	*92.83*	
33 01 30 51-0089	EA	6" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	592.95	
		For Stainless Steel Nuts And Bolts, Add	*110.35*	
33 01 30 51-0090	EA	8" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	203.77	
		For Stainless Steel Nuts And Bolts, Add	*33.44*	
33 01 30 51-0091	EA	8" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	268.77	
		For Stainless Steel Nuts And Bolts, Add	*45.03*	
33 01 30 51-0092	EA	8" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	320.69	
		For Stainless Steel Nuts And Bolts, Add	*53.61*	
33 01 30 51-0093	EA	8" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	383.12	
		For Stainless Steel Nuts And Bolts, Add	*63.94*	
33 01 30 51-0094	EA	8" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	516.53	
		For Stainless Steel Nuts And Bolts, Add	*89.76*	
33 01 30 51-0095	EA	8" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	614.81	
		For Stainless Steel Nuts And Bolts, Add	*106.65*	
33 01 30 51-0096	EA	8" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	725.13	
		For Stainless Steel Nuts And Bolts, Add	*124.97*	
33 01 30 51-0097	EA	10" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	245.35	
		For Stainless Steel Nuts And Bolts, Add	*41.99*	
33 01 30 51-0098	EA	10" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	325.17	
		For Stainless Steel Nuts And Bolts, Add	*56.74*	
33 01 30 51-0099	EA	10" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	377.78	
		For Stainless Steel Nuts And Bolts, Add	*65.23*	
33 01 30 51-0100	EA	10" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	470.57	
		For Stainless Steel Nuts And Bolts, Add	*82.21*	
33 01 30 51-0101	EA	10" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	613.65	
		For Stainless Steel Nuts And Bolts, Add	*109.91*	
33 01 30 51-0102	EA	10" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	698.93	
		For Stainless Steel Nuts And Bolts, Add	*123.32*	
33 01 30 51-0103	EA	10" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	921.42	
		For Stainless Steel Nuts And Bolts, Add	*167.10*	
33 01 30 51-0104	EA	12" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	273.10	
		For Stainless Steel Nuts And Bolts, Add	*46.02*	
33 01 30 51-0105	EA	12" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	353.51	
		For Stainless Steel Nuts And Bolts, Add	*60.32*	
33 01 30 51-0106	EA	12" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	436.37	
		For Stainless Steel Nuts And Bolts, Add	*75.18*	
33 01 30 51-0107	EA	12" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	531.58	
		For Stainless Steel Nuts And Bolts, Add	*92.04*	
33 01 30 51-0108	EA	12" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	684.10	
		For Stainless Steel Nuts And Bolts, Add	*121.08*	
33 01 30 51-0109	EA	12" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	814.59	
		For Stainless Steel Nuts And Bolts, Add	*143.87*	
33 01 30 51-0110	EA	12" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	1,029.31	
		For Stainless Steel Nuts And Bolts, Add	*184.53*	

33 01 30 51-0111 Pipe Repair Clamp, Full Circle, Double Bands *(33 01 30 51-0062)*

Note: Repair clamps for reinforced concrete pipe, gray iron pipe and ductile iron pipe. (Smith-Blair Model 228).

33 01 30 51-0112	EA	14.38"-15.13" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	678.58	
		For Stainless Steel Nuts And Bolts, Add	*196.97*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0113	EA	14.38"-15.13" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	965.74	
		For Stainless Steel Nuts And Bolts, Add	*284.35*	
33 01 30 51-0114	EA	14.38"-15.13" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	1,302.39	
		For Stainless Steel Nuts And Bolts, Add	*385.60*	
33 01 30 51-0115	EA	14.38"-15.13" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	1,927.98	
		For Stainless Steel Nuts And Bolts, Add	*581.18*	
33 01 30 51-0116	EA	15.07"-15.82" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	712.20	
		For Stainless Steel Nuts And Bolts, Add	*206.66*	
33 01 30 51-0117	EA	15.07"-15.82" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	1,010.86	
		For Stainless Steel Nuts And Bolts, Add	*297.53*	
33 01 30 51-0118	EA	15.07"-15.82" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	1,359.71	
		For Stainless Steel Nuts And Bolts, Add	*402.24*	
33 01 30 51-0119	EA	15.07"-15.82" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	2,020.85	
		For Stainless Steel Nuts And Bolts, Add	*608.92*	
33 01 30 51-0120	EA	15.92"-16.67" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	729.57	
		For Stainless Steel Nuts And Bolts, Add	*210.83*	
33 01 30 51-0121	EA	15.92"-16.67" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	1,033.74	
		For Stainless Steel Nuts And Bolts, Add	*303.08*	
33 01 30 51-0122	EA	15.92"-16.67" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	1,394.27	
		For Stainless Steel Nuts And Bolts, Add	*411.26*	
33 01 30 51-0123	EA	15.92"-16.67" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	2,070.53	
		For Stainless Steel Nuts And Bolts, Add	*622.08*	
33 01 30 51-0124	EA	16.56"-17.31" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	747.65	
		For Stainless Steel Nuts And Bolts, Add	*214.99*	
33 01 30 51-0125	EA	16.56"-17.31" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	1,059.77	
		For Stainless Steel Nuts And Bolts, Add	*309.32*	
33 01 30 51-0126	EA	16.56"-17.31" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	1,426.92	
		For Stainless Steel Nuts And Bolts, Add	*418.89*	
33 01 30 51-0127	EA	16.56"-17.31" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	2,119.68	
		For Stainless Steel Nuts And Bolts, Add	*634.58*	
33 01 30 51-0128	EA	17.15"-17.90" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	763.72	
		For Stainless Steel Nuts And Bolts, Add	*218.46*	
33 01 30 51-0129	EA	17.15"-17.90" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	1,081.69	
		For Stainless Steel Nuts And Bolts, Add	*314.17*	
33 01 30 51-0130	EA	17.15"-17.90" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	1,459.57	
		For Stainless Steel Nuts And Bolts, Add	*426.51*	
33 01 30 51-0131	EA	17.15"-17.90" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	2,163.42	
		For Stainless Steel Nuts And Bolts, Add	*644.97*	
33 01 30 51-0132	EA	17.82"-18.57" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	779.03	
		For Stainless Steel Nuts And Bolts, Add	*221.94*	
33 01 30 51-0133	EA	17.82"-18.57" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	1,104.58	
		For Stainless Steel Nuts And Bolts, Add	*319.71*	
33 01 30 51-0134	EA	17.82"-18.57" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	1,488.73	
		For Stainless Steel Nuts And Bolts, Add	*433.45*	
33 01 30 51-0135	EA	17.82"-18.57" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	2,248.80	
		For Stainless Steel Nuts And Bolts, Add	*670.04*	
33 01 30 51-0136	EA	18.46"-19.21" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	796.84	
		For Stainless Steel Nuts And Bolts, Add	*226.25*	
33 01 30 51-0137	EA	18.46"-19.21" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	1,131.92	
		For Stainless Steel Nuts And Bolts, Add	*326.65*	
33 01 30 51-0138	EA	18.46"-19.21" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	1,519.92	
		For Stainless Steel Nuts And Bolts, Add	*441.08*	
33 01 30 51-0139	EA	18.46"-19.21" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	2,255.42	
		For Stainless Steel Nuts And Bolts, Add	*668.56*	

33 01 30 72 Relining Pipelines *(33 01 30)*

33 01 30 72-0001 Relining Underground Pipelines *(33 01 30 72)*

Note: Excludes CCTV inspection, sewer cleaning, pavement both temporary and permanent, emergency after hours response for homeowners backups. See CSI section 01 22 20 00-0000 for hourly rates for after hours response for homeowners backups, 32 01 17 63-0000 for temporary pavement, 32 12 16 00-0000 for permanent pavement, 33 01 30 16-0000 for CCTV Inspection, 33 01 30 51-0001 for sewer cleaning, 33 01 30 51-0002 for sewer cleaning.

33 01 30 72-0002 Relining Underground Pipelines Set-Up And Reinsertion *(33 01 30 72-0001)*

33 01 30 72-0003	EA	Initial Set Up And Final Equipment Removal For Relining Underground Pipelines	3,703.07
33 01 30 72-0004	EA	Move And Reset Up At Different Access/Location For Relining Underground Pipelines	1,481.23
33 01 30 72-0005	EA	Mixing Truck And Refrigeration For 54" To 72" CIPP	24,619.93
		Note: Need to mix wet material in bag prior to installation. Not needed for small sizes.	

33 01 30 72-0006 Lining Pipe With Cured In-Place Pipe *(33 01 30 72-0001)*

Note: Cured in-place thermosetting resin pipe and resin impregnated tube.

33 01 30 72-0007	LF	6mm Lining 6" Pipe With Cured In-Place Pipe (CIPP)	23.93
		For Up To 75, Add	*15.89*
		For >75 To 150, Add	*7.94*
		For >500 To 1000, Deduct	*-0.65*
		For >1000 To 2000, Deduct	*-1.26*
		For >2000 To 5000, Deduct	*-1.95*
		For >5000, Deduct	*-2.82*
		For 7.5mm Liner Thickness, Add	*3.85*
		For 9mm Liner Thickness, Add	*7.78*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0008	LF	6mm Lining 8" Pipe With Cured In-Place Pipe (CIPP)	26.47	
		For Up To 75, Add	*17.33*	
		For >75 To 150, Add	*8.67*	
		For >500 To 1000, Deduct	*-0.71*	
		For >1000 To 2000, Deduct	*-1.38*	
		For >2000 To 5000, Deduct	*-2.14*	
		For >5000, Deduct	*-3.11*	
		For 7.5mm Liner Thickness, Add	*4.30*	
		For 9mm Liner Thickness, Add	*8.70*	
33 01 30 72-0009	LF	6mm Lining 10" Pipe With Cured In-Place Pipe (CIPP)	29.59	
		For Up To 75, Add	*19.05*	
		For >75 To 150, Add	*9.52*	
		For >500 To 1000, Deduct	*-0.79*	
		For >1000 To 2000, Deduct	*-1.54*	
		For >2000 To 5000, Deduct	*-2.38*	
		For >5000, Deduct	*-3.46*	
		For 7.5mm Liner Thickness, Add	*4.87*	
		For 9mm Liner Thickness, Add	*9.85*	
33 01 30 72-0010	LF	6mm Lining 12" Pipe With Cured In-Place Pipe (CIPP)	32.94	
		For Up To 75, Add	*21.03*	
		For >75 To 150, Add	*10.52*	
		For >500 To 1000, Deduct	*-0.88*	
		For >1000 To 2000, Deduct	*-1.71*	
		For >2000 To 5000, Deduct	*-2.64*	
		For >5000, Deduct	*-3.85*	
		For 7.5mm Liner Thickness, Add	*5.46*	
		For 9mm Liner Thickness, Add	*11.04*	
33 01 30 72-0011	LF	6mm Lining 15" Pipe With Cured In-Place Pipe (CIPP)	37.82	
		For Up To 75, Add	*23.97*	
		For >75 To 150, Add	*11.99*	
		For >500 To 1000, Deduct	*-1.01*	
		For >1000 To 2000, Deduct	*-1.95*	
		For >2000 To 5000, Deduct	*-3.03*	
		For >5000, Deduct	*-4.41*	
		For 7.5mm Liner Thickness, Add	*6.30*	
		For 9mm Liner Thickness, Add	*12.74*	
		For 10.5mm Liner Thickness, Add	*19.09*	
		For 12mm Liner Thickness, Add	*25.40*	
		For 13.5mm Liner Thickness, Add	*31.80*	
		For 15mm Liner Thickness, Add	*38.10*	
33 01 30 72-0012	LF	6mm Lining 18" Pipe With Cured In-Place Pipe (CIPP)	44.17	
		For Up To 75, Add	*27.36*	
		For >75 To 150, Add	*13.68*	
		For >500 To 1000, Deduct	*-1.17*	
		For >1000 To 2000, Deduct	*-2.27*	
		For >2000 To 5000, Deduct	*-3.51*	
		For >5000, Deduct	*-5.13*	
		For 7.5mm Liner Thickness, Add	*7.48*	
		For 9mm Liner Thickness, Add	*15.12*	
		For 10.5mm Liner Thickness, Add	*22.66*	
		For 12mm Liner Thickness, Add	*30.16*	
		For 13.5mm Liner Thickness, Add	*37.76*	
		For 15mm Liner Thickness, Add	*45.24*	
33 01 30 72-0013	LF	6mm Lining 21" Pipe With Cured In-Place Pipe (CIPP)	49.43	
		For Up To 75, Add	*29.95*	
		For >75 To 150, Add	*14.97*	
		For >500 To 1000, Deduct	*-1.30*	
		For >1000 To 2000, Deduct	*-2.52*	
		For >2000 To 5000, Deduct	*-3.89*	
		For >5000, Deduct	*-5.71*	
		For 7.5mm Liner Thickness, Add	*8.50*	
		For 9mm Liner Thickness, Add	*17.19*	
		For 10.5mm Liner Thickness, Add	*25.76*	
		For 12mm Liner Thickness, Add	*34.27*	
		For 13.5mm Liner Thickness, Add	*42.91*	
		For 15mm Liner Thickness, Add	*51.41*	
		For 16.5mm Liner Thickness, Add	*61.01*	
		For 18mm Liner Thickness, Add	*69.72*	
		For 19.5mm Liner Thickness, Add	*78.71*	
		For 21mm Liner Thickness, Add	*87.34*	
		For 22.5mm Liner Thickness, Add	*96.05*	
		For 24mm Liner Thickness, Add	*104.79*	
		For 27mm Liner Thickness, Add	*122.30*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0014	LF	6mm Lining 24" Pipe With Cured In-Place Pipe (CIPP)	53.95	
		For Up To 75, Add	*32.67*	
		For >75 To 150, Add	*16.33*	
		For >500 To 1000, Deduct	*-1.42*	
		For >1000 To 2000, Deduct	*-2.75*	
		For >2000 To 5000, Deduct	*-4.25*	
		For >5000, Deduct	*-6.24*	
		For 7.5mm Liner Thickness, Add	*9.28*	
		For 9mm Liner Thickness, Add	*18.76*	
		For 10.5mm Liner Thickness, Add	*28.12*	
		For 12mm Liner Thickness, Add	*37.42*	
		For 13.5mm Liner Thickness, Add	*46.85*	
		For 15mm Liner Thickness, Add	*56.13*	
		For 16.5mm Liner Thickness, Add	*66.60*	
		For 18mm Liner Thickness, Add	*76.12*	
		For 19.5mm Liner Thickness, Add	*85.93*	
		For 21mm Liner Thickness, Add	*95.35*	
		For 22.5mm Liner Thickness, Add	*104.86*	
		For 24mm Liner Thickness, Add	*114.41*	
		For 27mm Liner Thickness, Add	*133.52*	
33 01 30 72-0015	LF	6mm Lining 27" Pipe With Cured In-Place Pipe (CIPP)	60.69	
		For Up To 75, Add	*36.20*	
		For >75 To 150, Add	*18.10*	
		For >500 To 1000, Deduct	*-1.58*	
		For >1000 To 2000, Deduct	*-3.08*	
		For >2000 To 5000, Deduct	*-4.75*	
		For >5000, Deduct	*-6.99*	
		For 7.5mm Liner Thickness, Add	*10.55*	
		For 9mm Liner Thickness, Add	*21.32*	
		For 10.5mm Liner Thickness, Add	*31.95*	
		For 12mm Liner Thickness, Add	*42.52*	
		For 13.5mm Liner Thickness, Add	*53.23*	
		For 15mm Liner Thickness, Add	*63.78*	
		For 16.5mm Liner Thickness, Add	*75.68*	
		For 18mm Liner Thickness, Add	*86.49*	
		For 19.5mm Liner Thickness, Add	*97.64*	
		For 21mm Liner Thickness, Add	*108.35*	
		For 22.5mm Liner Thickness, Add	*119.16*	
		For 24mm Liner Thickness, Add	*130.01*	
		For 27mm Liner Thickness, Add	*151.73*	
33 01 30 72-0016	LF	6mm Lining 30" Pipe With Cured In-Place Pipe (CIPP)	67.43	
		For Up To 75, Add	*40.23*	
		For >75 To 150, Add	*20.11*	
		For >500 To 1000, Deduct	*-1.76*	
		For >1000 To 2000, Deduct	*-3.42*	
		For >2000 To 5000, Deduct	*-5.28*	
		For >5000, Deduct	*-7.77*	
		For 7.5mm Liner Thickness, Add	*11.72*	
		For 9mm Liner Thickness, Add	*23.69*	
		For 10.5mm Liner Thickness, Add	*35.50*	
		For 12mm Liner Thickness, Add	*47.23*	
		For 13.5mm Liner Thickness, Add	*59.14*	
		For 15mm Liner Thickness, Add	*70.85*	
		For 16.5mm Liner Thickness, Add	*84.08*	
		For 18mm Liner Thickness, Add	*96.09*	
		For 19.5mm Liner Thickness, Add	*108.48*	
		For 21mm Liner Thickness, Add	*120.37*	
		For 22.5mm Liner Thickness, Add	*132.38*	
		For 24mm Liner Thickness, Add	*144.43*	
		For 27mm Liner Thickness, Add	*168.56*	
33 01 30 72-0017	LF	6mm Lining 36" Pipe With Cured In-Place Pipe (CIPP)	77.64	
		For Up To 75, Add	*45.61*	
		For >75 To 150, Add	*22.81*	
		For >500 To 1000, Deduct	*-2.02*	
		For >1000 To 2000, Deduct	*-3.92*	
		For >2000 To 5000, Deduct	*-6.05*	
		For >5000, Deduct	*-8.92*	
		For 7.5mm Liner Thickness, Add	*13.63*	
		For 9mm Liner Thickness, Add	*27.55*	
		For 10.5mm Liner Thickness, Add	*41.28*	
		For 12mm Liner Thickness, Add	*54.94*	
		For 13.5mm Liner Thickness, Add	*68.78*	
		For 15mm Liner Thickness, Add	*82.40*	
		For 16.5mm Liner Thickness, Add	*97.79*	
		For 18mm Liner Thickness, Add	*111.76*	
		For 19.5mm Liner Thickness, Add	*126.16*	
		For 21mm Liner Thickness, Add	*139.99*	
		For 22.5mm Liner Thickness, Add	*153.96*	
		For 24mm Liner Thickness, Add	*167.98*	
		For 27mm Liner Thickness, Add	*196.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0018	LF	13.5mm Lining 42" Pipe With Cured In-Place Pipe (CIPP)	184.59	
		For Up To 75, Add	*71.30*	
		For >75 To 150, Add	*35.65*	
		For >500 To 1000, Deduct	*-4.22*	
		For >1000 To 2000, Deduct	*-8.31*	
		For >2000 To 5000, Deduct	*-12.66*	
		For >5000, Deduct	*-19.78*	
		For 15mm Liner Thickness, Add	*17.57*	
		For 16.5mm Liner Thickness, Add	*37.08*	
		For 18mm Liner Thickness, Add	*55.92*	
		For 19.5mm Liner Thickness, Add	*73.76*	
		For 21mm Liner Thickness, Add	*91.75*	
		For 22.5mm Liner Thickness, Add	*109.69*	
		For 24mm Liner Thickness, Add	*128.00*	
		For 27mm Liner Thickness, Add	*166.95*	
33 01 30 72-0019	LF	13.5mm Lining 48" Pipe With Cured In-Place Pipe (CIPP)	211.59	
		For Up To 75, Add	*82.44*	
		For >75 To 150, Add	*41.22*	
		For >500 To 1000, Deduct	*-4.85*	
		For >1000 To 2000, Deduct	*-9.54*	
		For >2000 To 5000, Deduct	*-14.55*	
		For >5000, Deduct	*-22.70*	
		For 15mm Liner Thickness, Add	*20.08*	
		For 16.5mm Liner Thickness, Add	*42.38*	
		For 18mm Liner Thickness, Add	*63.91*	
		For 19.5mm Liner Thickness, Add	*84.29*	
		For 21mm Liner Thickness, Add	*104.86*	
		For 22.5mm Liner Thickness, Add	*125.35*	
		For 24mm Liner Thickness, Add	*146.28*	
		For 27mm Liner Thickness, Add	*190.80*	
33 01 30 72-0020	LF	15mm Lining 54" Pipe With Cured In-Place Pipe (CIPP)	263.00	
		For Up To 75, Add	*100.74*	
		For >75 To 150, Add	*50.37*	
		For >500 To 1000, Deduct	*-6.00*	
		For >1000 To 2000, Deduct	*-11.82*	
		For >2000 To 5000, Deduct	*-18.00*	
		For >5000, Deduct	*-28.15*	
		For 16.5mm Liner Thickness, Add	*22.62*	
		For 18mm Liner Thickness, Add	*45.42*	
		For 19.5mm Liner Thickness, Add	*68.06*	
		For 21mm Liner Thickness, Add	*90.86*	
		For 22.5mm Liner Thickness, Add	*113.62*	
		For 24mm Liner Thickness, Add	*136.46*	
		For 27mm Liner Thickness, Add	*182.18*	
33 01 30 72-0021	LF	18mm Lining 60" Pipe With Cured In-Place Pipe (CIPP)	351.85	
		For Up To 75, Add	*136.02*	
		For >75 To 150, Add	*68.01*	
		For >500 To 1000, Deduct	*-8.05*	
		For >1000 To 2000, Deduct	*-15.84*	
		For >2000 To 5000, Deduct	*-24.14*	
		For >5000, Deduct	*-37.71*	
		For 19.5mm Liner Thickness, Add	*25.13*	
		For 21mm Liner Thickness, Add	*50.48*	
		For 22.5mm Liner Thickness, Add	*75.73*	
		For 24mm Liner Thickness, Add	*101.07*	
		For 27mm Liner Thickness, Add	*151.85*	
33 01 30 72-0022	LF	18mm Lining 66" Pipe With Cured In-Place Pipe (CIPP)	410.91	
		For Up To 75, Add	*185.34*	
		For >75 To 150, Add	*92.67*	
		For >500 To 1000, Deduct	*-9.81*	
		For >1000 To 2000, Deduct	*-19.21*	
		For >2000 To 5000, Deduct	*-29.42*	
		For >5000, Deduct	*-45.06*	
		For 19.5mm Liner Thickness, Add	*27.65*	
		For 21mm Liner Thickness, Add	*55.54*	
		For 22.5mm Liner Thickness, Add	*83.32*	
		For 24mm Liner Thickness, Add	*111.21*	
		For 27mm Liner Thickness, Add	*167.07*	
33 01 30 72-0023	LF	18mm Lining 72" Pipe With Cured In-Place Pipe (CIPP)	500.63	
		For Up To 75, Add	*280.66*	
		For >75 To 150, Add	*140.33*	
		For >500 To 1000, Deduct	*-12.79*	
		For >1000 To 2000, Deduct	*-24.89*	
		For >2000 To 5000, Deduct	*-38.37*	
		For >5000, Deduct	*-57.01*	
		For 19.5mm Liner Thickness, Add	*30.17*	
		For 21mm Liner Thickness, Add	*60.59*	
		For 22.5mm Liner Thickness, Add	*90.91*	
		For 24mm Liner Thickness, Add	*121.33*	
		For 27mm Liner Thickness, Add	*182.29*	

33 01 30 72-0024 Form And Fold Polyethylene (PE) Pipeliner *(33 01 30 72-0001)*

33 01 30 72-0025	LF	4" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	19.42	
		For DR 26 Pipe Liner, Add	*2.87*	
		For >500 To 1000, Deduct	*-0.59*	
		For >1000 To 2000, Deduct	*-1.19*	
		For >2000, Deduct	*-2.38*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0026	LF	6" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	24.15	
		For DR 26 Pipe Liner, Add	*3.90*	
		For DR 35 Pipe Liner, Deduct	*-1.95*	
		For >500 To 1000, Deduct	*-0.64*	
		For >1000 To 2000, Deduct	*-1.28*	
		For >2000, Deduct	*-2.56*	
33 01 30 72-0027	LF	8" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	25.16	
		For DR 26 Pipe Liner, Add	*3.98*	
		For DR 35 Pipe Liner, Deduct	*-1.99*	
		For >500 To 1000, Deduct	*-0.69*	
		For >1000 To 2000, Deduct	*-1.39*	
		For >2000, Deduct	*-2.78*	
33 01 30 72-0028	LF	10" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	33.95	
		For DR 26 Pipe Liner, Add	*5.96*	
		For DR 35 Pipe Liner, Deduct	*-2.98*	
		For DR 41 Pipe Liner, Deduct	*-5.96*	
		For >500 To 1000, Deduct	*-0.76*	
		For >1000 To 2000, Deduct	*-1.52*	
		For >2000, Deduct	*-3.03*	
33 01 30 72-0029	LF	12" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	46.01	
		For DR 26 Pipe Liner, Add	*8.73*	
		For DR 35 Pipe Liner, Deduct	*-4.36*	
		For DR 41 Pipe Liner, Deduct	*-8.73*	
		For >500 To 1000, Deduct	*-0.83*	
		For >1000 To 2000, Deduct	*-1.67*	
		For >2000, Deduct	*-3.33*	
33 01 30 72-0030	LF	15" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	61.76	
		For DR 35 Pipe Liner, Deduct	*-6.14*	
		For DR 41 Pipe Liner, Deduct	*-12.29*	
		For >500 To 1000, Deduct	*-0.95*	
		For >1000 To 2000, Deduct	*-1.89*	
		For >2000, Deduct	*-3.79*	
33 01 30 72-0031	LF	18" Diameter Form and Fold Polyethylene Pipeliner, DR 35	85.50	
		For DR 41 Pipe Liner, Deduct	*-7.13*	
		For DR 50 Pipe Liner, Deduct	*-14.25*	
		For >500 To 1000, Deduct	*-1.07*	
		For >1000 To 2000, Deduct	*-2.14*	
		For >2000, Deduct	*-4.28*	
33 01 30 72-0032	LF	21" Diameter Form and Fold Polyethylene Pipeliner, DR 47	96.36	
		For DR 50 Pipe Liner, Deduct	*-12.14*	
		For DR 55 Pipe Liner, Deduct	*-20.23*	
		For >500 To 1000, Deduct	*-1.16*	
		For >1000 To 2000, Deduct	*-2.31*	
		For >2000, Deduct	*-4.63*	
33 01 30 72-0033	LF	24" Diameter Form and Fold Polyethylene Pipeliner, DR 55	116.55	
		For DR 60 Pipe Liner, Deduct	*-14.96*	
		For >500 To 1000, Deduct	*-1.26*	
		For >1000 To 2000, Deduct	*-2.52*	
		For >2000, Deduct	*-5.05*	

33 01 30 72-0034 Form And Fold PVC Pipeliner *(33 01 30 72-0001)*

33 01 30 72-0035	LF	4" Diameter Form and Fold PVC Pipeliner, DR 32.5	20.50	
		For >500 To 1000, Deduct	*-0.59*	
		For >1000 To 2000, Deduct	*-1.19*	
		For >2000, Deduct	*-2.38*	
		For DR 26 Pipe Liner, Add	*3.14*	
33 01 30 72-0036	LF	6" Diameter Form and Fold PVC Pipeliner, DR 32.5	24.15	
		For >500 To 1000, Deduct	*-0.64*	
		For >1000 To 2000, Deduct	*-1.28*	
		For >2000, Deduct	*-2.56*	
		For DR 26 Pipe Liner, Add	*3.90*	
		For DR 35 Pipe Liner, Deduct	*-1.95*	
33 01 30 72-0037	LF	8" Diameter Form and Fold PVC Pipeliner, DR 32.5	26.60	
		For >500 To 1000, Deduct	*-0.69*	
		For >1000 To 2000, Deduct	*-1.39*	
		For >2000, Deduct	*-2.78*	
		For DR 26 Pipe Liner, Add	*4.34*	
		For DR 35 Pipe Liner, Deduct	*-2.17*	
33 01 30 72-0038	LF	10" Diameter Form and Fold PVC Pipeliner, DR 32.5	36.11	
		For >500 To 1000, Deduct	*-0.76*	
		For >1000 To 2000, Deduct	*-1.52*	
		For >2000, Deduct	*-3.03*	
		For DR 26 Pipe Liner, Add	*6.50*	
		For DR 35 Pipe Liner, Deduct	*-3.25*	
		For DR 41 Pipe Liner, Deduct	*-6.50*	
33 01 30 72-0039	LF	12" Diameter Form and Fold PVC Pipeliner, DR 32.5	49.26	
		For >500 To 1000, Deduct	*-0.83*	
		For >1000 To 2000, Deduct	*-1.67*	
		For >2000, Deduct	*-3.33*	
		For DR 26 Pipe Liner, Add	*9.54*	
		For DR 35 Pipe Liner, Deduct	*-4.77*	
		For DR 41 Pipe Liner, Deduct	*-9.54*	
33 01 30 72-0040	LF	15" Diameter Form and Fold PVC Pipeliner, DR 32.5	66.38	
		For >500 To 1000, Deduct	*-0.95*	
		For >1000 To 2000, Deduct	*-1.89*	
		For >2000, Deduct	*-3.79*	
		For DR 35 Pipe Liner, Deduct	*-6.72*	
		For DR 41 Pipe Liner, Deduct	*-13.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0041	LF	18" Diameter Form and Fold PVC Pipeliner, DR 35	92.29	
		For >500 To 1000, Deduct	*-1.07*	
		For >1000 To 2000, Deduct	*-2.14*	
		For >2000, Deduct	*-4.28*	
		For DR 41 Pipe Liner, Deduct	*-7.80*	
		For DR 50 Pipe Liner, Deduct	*-15.61*	
33 01 30 72-0042	LF	21" Diameter Form and Fold PVC Pipeliner, DR 47	103.87	
		For >500 To 1000, Deduct	*-1.16*	
		For >1000 To 2000, Deduct	*-2.31*	
		For >2000, Deduct	*-4.63*	
		For DR 50 Pipe Liner, Deduct	*-13.27*	
		For DR 55 Pipe Liner, Deduct	*-22.11*	
33 01 30 72-0043	LF	24" Diameter Form and Fold PVC Pipeliner, DR 55	126.09	
		For >500 To 1000, Deduct	*-1.26*	
		For >1000 To 2000, Deduct	*-2.52*	
		For >2000, Deduct	*-5.05*	
		For DR 60 Pipe Liner, Deduct	*-16.39*	

33 01 30 72-0044 Relining Underground Water Pipelines *(33 01 30 72)*

Note: Excludes costs for CCTV inspection, pipe cleaning, pavement; temporary and permanent, emergency after hours response for homeowners backups. See CSI section 33 01 30 51-0001 for pipe cleaning.

33 01 30 72-0045 Relining Underground Water Pipelines Set-Up And Reinsertion *(33 01 30 72-0044)*

33 01 30 72-0046	EA	Initial Set Up And Final Equipment Removal For Relining Underground Water Pipelines	3,703.07
33 01 30 72-0047	EA	Move And Reset Up At Different Access/Location	1,481.23

33 01 30 72-0048 Lining Pipe With Cement *(33 01 30 72-0044)*

33 01 30 72-0049	LF	Up To 500', 4" Pipe, 1/8" Pipe Lining With Cement	42.15	
		For 3/16" Thickness, Add	*0.42*	
		For 1/4" Thickness, Add	*0.84*	
33 01 30 72-0050	LF	>500' To 1000', 4" Pipe, 1/8" Pipe Lining With Cement	37.49	
		For 3/16" Thickness, Add	*0.42*	
		For 1/4" Thickness, Add	*0.84*	
33 01 30 72-0051	LF	>1000' To 5000', 4" Pipe, 1/8" Pipe Lining With Cement	31.23	
		For 3/16" Thickness, Add	*0.42*	
		For 1/4" Thickness, Add	*0.84*	
33 01 30 72-0052	LF	>5000', 4" Pipe, 1/8" Pipe Lining With Cement	23.39	
		For 3/16" Thickness, Add	*0.42*	
		For 1/4" Thickness, Add	*0.84*	
33 01 30 72-0053	LF	Up To 500', 6" Pipe, 1/8" Pipe Lining With Cement	43.64	
		For 3/16" Thickness, Add	*0.63*	
		For 1/4" Thickness, Add	*1.26*	
33 01 30 72-0054	LF	>500' To 1000', 6" Pipe, 1/8" Pipe Lining With Cement	38.80	
		For 3/16" Thickness, Add	*0.63*	
		For 1/4" Thickness, Add	*1.26*	
33 01 30 72-0055	LF	>1000' To 5000', 6" Pipe, 1/8" Pipe Lining With Cement	32.33	
		For 3/16" Thickness, Add	*0.63*	
		For 1/4" Thickness, Add	*1.26*	
33 01 30 72-0056	LF	>5000', 6" Pipe, 1/8" Pipe Lining With Cement	24.37	
		For 3/16" Thickness, Add	*0.63*	
		For 1/4" Thickness, Add	*1.26*	
33 01 30 72-0057	LF	Up To 500', 8" Pipe, 1/8" Pipe Lining With Cement	45.06	
		For 3/16" Thickness, Add	*0.84*	
		For 1/4" Thickness, Add	*1.68*	
33 01 30 72-0058	LF	>500' To 1000', 8" Pipe, 1/8" Pipe Lining With Cement	40.11	
		For 3/16" Thickness, Add	*0.84*	
		For 1/4" Thickness, Add	*1.68*	
33 01 30 72-0059	LF	>1000' To 5000', 8" Pipe, 1/8" Pipe Lining With Cement	33.42	
		For 3/16" Thickness, Add	*0.84*	
		For 1/4" Thickness, Add	*1.68*	
33 01 30 72-0060	LF	>5000', 8" Pipe, 1/8" Pipe Lining With Cement	25.37	
		For 3/16" Thickness, Add	*0.84*	
		For 1/4" Thickness, Add	*1.68*	
33 01 30 72-0061	LF	Up To 500', 10" Pipe, 1/8" Pipe Lining With Cement	46.08	
		For 3/16" Thickness, Add	*1.05*	
		For 1/4" Thickness, Add	*2.10*	
33 01 30 72-0062	LF	>500' To 1000', 10" Pipe, 1/8" Pipe Lining With Cement	41.05	
		For 3/16" Thickness, Add	*1.05*	
		For 1/4" Thickness, Add	*2.10*	
33 01 30 72-0063	LF	>1000' To 5000', 10" Pipe, 1/8" Pipe Lining With Cement	34.27	
		For 3/16" Thickness, Add	*1.05*	
		For 1/4" Thickness, Add	*2.10*	
33 01 30 72-0064	LF	>5000', 10" Pipe, 1/8" Pipe Lining With Cement	26.35	
		For 3/16" Thickness, Add	*1.05*	
		For 1/4" Thickness, Add	*2.10*	
33 01 30 72-0065	LF	Up To 500', 12" Pipe, 1/8" Pipe Lining With Cement	49.68	
		For 3/16" Thickness, Add	*1.26*	
		For 1/4" Thickness, Add	*2.52*	
33 01 30 72-0066	LF	>500' To 1000', 12" Pipe, 1/8" Pipe Lining With Cement	44.33	
		For 3/16" Thickness, Add	*1.26*	
		For 1/4" Thickness, Add	*2.52*	
33 01 30 72-0067	LF	>1000' To 5000', 12" Pipe, 1/8" Pipe Lining With Cement	37.12	
		For 3/16" Thickness, Add	*1.26*	
		For 1/4" Thickness, Add	*2.52*	
33 01 30 72-0068	LF	>5000', 12" Pipe, 1/8" Pipe Lining With Cement	28.56	
		For 3/16" Thickness, Add	*1.26*	
		For 1/4" Thickness, Add	*2.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0069	LF	Up To 500', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	52.79	
		For 1/4" Thickness, Add	*1.40*	
		For 5/16" Thickness, Add	*2.80*	
33 01 30 72-0070	LF	>500' To 1000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	47.25	
		For 1/4" Thickness, Add	*1.40*	
		For 5/16" Thickness, Add	*2.80*	
33 01 30 72-0071	LF	>1000' To 5000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	39.73	
		For 1/4" Thickness, Add	*1.40*	
		For 5/16" Thickness, Add	*2.80*	
33 01 30 72-0072	LF	>5000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	31.52	
		For 1/4" Thickness, Add	*1.40*	
		For 5/16" Thickness, Add	*2.80*	
33 01 30 72-0073	LF	Up To 500', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	55.06	
		For 1/4" Thickness, Add	*1.68*	
		For 5/16" Thickness, Add	*3.36*	
33 01 30 72-0074	LF	>500' To 1000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	49.34	
		For 1/4" Thickness, Add	*1.68*	
		For 5/16" Thickness, Add	*3.36*	
33 01 30 72-0075	LF	>1000' To 5000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	41.57	
		For 1/4" Thickness, Add	*1.68*	
		For 5/16" Thickness, Add	*3.36*	
33 01 30 72-0076	LF	>5000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	33.79	
		For 1/4" Thickness, Add	*1.68*	
		For 5/16" Thickness, Add	*3.36*	
33 01 30 72-0077	LF	Up To 500', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	57.96	
		For 1/4" Thickness, Add	*1.96*	
		For 5/16" Thickness, Add	*3.92*	
33 01 30 72-0078	LF	>500' To 1000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	52.05	
		For 1/4" Thickness, Add	*1.96*	
		For 5/16" Thickness, Add	*3.92*	
33 01 30 72-0079	LF	>1000' To 5000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	43.91	
		For 1/4" Thickness, Add	*1.96*	
		For 5/16" Thickness, Add	*3.92*	
33 01 30 72-0080	LF	>5000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	36.63	
		For 1/4" Thickness, Add	*1.96*	
		For 5/16" Thickness, Add	*3.92*	
33 01 30 72-0081	LF	Up To 500', 24" Pipe, 3/16" Pipe Lining With Cement	60.95	
		For 1/4" Thickness, Add	*2.24*	
		For 5/16" Thickness, Add	*4.48*	
33 01 30 72-0082	LF	>500' To 1000', 24" Pipe, 3/16" Pipe Lining With Cement	54.79	
		For 1/4" Thickness, Add	*2.24*	
		For 5/16" Thickness, Add	*4.48*	
33 01 30 72-0083	LF	>1000' To 5000', 24" Pipe, 3/16" Pipe Lining With Cement	46.38	
		For 1/4" Thickness, Add	*2.24*	
		For 5/16" Thickness, Add	*4.48*	
33 01 30 72-0084	LF	>5000', 24" Pipe, 3/16" Pipe Lining With Cement	39.61	
		For 1/4" Thickness, Add	*2.24*	
		For 5/16" Thickness, Add	*4.48*	
33 01 30 72-0085	LF	Up To 500', 30" Pipe, 3/16" Pipe Lining With Cement	64.69	
		For 1/4" Thickness, Add	*2.80*	
		For 5/16" Thickness, Add	*5.60*	
33 01 30 72-0086	LF	>500' To 1000', 30" Pipe, 3/16" Pipe Lining With Cement	58.17	
		For 1/4" Thickness, Add	*2.80*	
		For 5/16" Thickness, Add	*5.60*	
33 01 30 72-0087	LF	>1000' To 5000', 30" Pipe, 3/16" Pipe Lining With Cement	49.28	
		For 1/4" Thickness, Add	*2.80*	
		For 5/16" Thickness, Add	*5.60*	
33 01 30 72-0088	LF	>5000', 30" Pipe, 3/16" Pipe Lining With Cement	42.43	
		For 1/4" Thickness, Add	*2.80*	
		For 5/16" Thickness, Add	*5.60*	
33 01 30 72-0089	LF	Up To 500', 36" Pipe, 3/16" Pipe Lining With Cement	68.37	
		For 1/4" Thickness, Add	*3.36*	
		For 5/16" Thickness, Add	*6.72*	
33 01 30 72-0090	LF	500' To 1000', 36" Pipe, 3/16" Pipe Lining With Cement	61.57	
		For 1/4" Thickness, Add	*3.36*	
		For 5/16" Thickness, Add	*6.72*	
33 01 30 72-0091	LF	>1000' To 5000', 36" Pipe, 3/16" Pipe Lining With Cement	52.18	
		For 1/4" Thickness, Add	*3.36*	
		For 5/16" Thickness, Add	*6.72*	
33 01 30 72-0092	LF	>5000', 36" Pipe, 3/16" Pipe Lining With Cement	45.25	
		For 1/4" Thickness, Add	*3.36*	
		For 5/16" Thickness, Add	*6.72*	
33 01 30 72-0093	LF	Up To 500', 42" Pipe, 1/4" Pipe Lining With Cement	81.35	
		For 3/8" Thickness, Add	*8.82*	
		For 7/16" Thickness, Add	*13.23*	
33 01 30 72-0094	LF	>500' To 1000', 42" Pipe, 1/4" Pipe Lining With Cement	73.94	
		For 3/8" Thickness, Add	*8.82*	
		For 7/16" Thickness, Add	*13.23*	
33 01 30 72-0095	LF	>1000' To 5000', 42" Pipe, 1/4" Pipe Lining With Cement	63.73	
		For 3/8" Thickness, Add	*8.82*	
		For 7/16" Thickness, Add	*13.23*	
33 01 30 72-0096	LF	>5000', 42" Pipe, 1/4" Pipe Lining With Cement	56.59	
		For 3/8" Thickness, Add	*8.82*	
		For 7/16" Thickness, Add	*13.23*	
33 01 30 72-0097	LF	Up To 500', 48" Pipe, 1/4" Pipe Lining With Cement	89.22	
		For 3/8" Thickness, Add	*10.08*	
		For 7/16" Thickness, Add	*15.12*	
33 01 30 72-0098	LF	>500' To 1000', 48" Pipe, 1/4" Pipe Lining With Cement	81.29	
		For 3/8" Thickness, Add	*10.08*	
		For 7/16" Thickness, Add	*15.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0099	LF	>1000' To 5000', 48" Pipe, 1/4" Pipe Lining With Cement	70.31	
		For 3/8" Thickness, Add	*10.08*	
		For 7/16" Thickness, Add	*15.12*	
33 01 30 72-0100	LF	>5000', 48" Pipe, 1/4" Pipe Lining With Cement	63.04	
		For 3/8" Thickness, Add	*10.08*	
		For 7/16" Thickness, Add	*15.12*	
33 01 30 72-0101	LF	Up To 500', 54" Pipe, 1/4" Pipe Lining With Cement	93.02	
		For 3/8" Thickness, Add	*11.34*	
		For 7/16" Thickness, Add	*17.00*	
33 01 30 72-0102	LF	>500' To 1000', 54" Pipe, 1/4" Pipe Lining With Cement	84.92	
		For 3/8" Thickness, Add	*11.34*	
		For 7/16" Thickness, Add	*17.00*	
33 01 30 72-0103	LF	>1000' To 5000', 54" Pipe, 1/4" Pipe Lining With Cement	73.68	
		For 3/8" Thickness, Add	*11.34*	
		For 7/16" Thickness, Add	*17.00*	
33 01 30 72-0104	LF	>5000', 54" Pipe, 1/4" Pipe Lining With Cement	66.69	
		For 3/8" Thickness, Add	*11.34*	
		For 7/16" Thickness, Add	*17.00*	
33 01 30 72-0105	LF	Up To 500', 60" Pipe, 1/4" Pipe Lining With Cement	96.83	
		For 3/8" Thickness, Add	*12.60*	
		For 7/16" Thickness, Add	*18.90*	
33 01 30 72-0106	LF	>500' To 1000', 60" Pipe, 1/4" Pipe Lining With Cement	88.58	
		For 3/8" Thickness, Add	*12.60*	
		For 7/16" Thickness, Add	*18.90*	
33 01 30 72-0107	LF	>1000' To 5000', 60" Pipe, 1/4" Pipe Lining With Cement	77.14	
		For 3/8" Thickness, Add	*12.60*	
		For 7/16" Thickness, Add	*18.90*	
33 01 30 72-0108	LF	>5000', 60" Pipe, 1/4" Pipe Lining With Cement	70.36	
		For 3/8" Thickness, Add	*12.60*	
		For 7/16" Thickness, Add	*18.90*	
33 01 30 72-0109	LF	Up To 500', 66" Pipe, 1/4" Pipe Lining With Cement	100.85	
		For 3/8" Thickness, Add	*13.86*	
		For 7/16" Thickness, Add	*20.79*	
33 01 30 72-0110	LF	>500' To 1000', 66" Pipe, 1/4" Pipe Lining With Cement	92.43	
		For 3/8" Thickness, Add	*13.86*	
		For 7/16" Thickness, Add	*20.79*	
33 01 30 72-0111	LF	>1000' To 5000', 66" Pipe, 1/4" Pipe Lining With Cement	80.81	
		For 3/8" Thickness, Add	*13.86*	
		For 7/16" Thickness, Add	*20.79*	
33 01 30 72-0112	LF	>5000', 66" Pipe, 1/4" Pipe Lining With Cement	74.52	
		For 3/8" Thickness, Add	*13.86*	
		For 7/16" Thickness, Add	*20.79*	
33 01 30 72-0113	LF	Up To 500', 72" Pipe, 1/4" Pipe Lining With Cement	105.16	
		For 3/8" Thickness, Add	*15.12*	
		For 7/16" Thickness, Add	*22.68*	
33 01 30 72-0114	LF	>500' To 1000', 72" Pipe, 1/4" Pipe Lining With Cement	96.59	
		For 3/8" Thickness, Add	*15.12*	
		For 7/16" Thickness, Add	*22.68*	
33 01 30 72-0115	LF	>1000' To 5000', 72" Pipe, 1/4" Pipe Lining With Cement	84.68	
		For 3/8" Thickness, Add	*15.12*	
		For 7/16" Thickness, Add	*22.68*	
33 01 30 72-0116	LF	>5000', 72" Pipe, 1/4" Pipe Lining With Cement	78.76	
		For 3/8" Thickness, Add	*15.12*	
		For 7/16" Thickness, Add	*22.68*	

33 01 30 73 Rehabilitation Of Manholes And Sewer Structures *(33 01 30)*

33 01 30 73-0001 Up To 12" Rise, Manhole Risers *(33 01 30 73)*

Note: Includes valve boxes.

33 01 30 73-0002 Up To 26" Diameter, Up To 6" Rise Adjustable Or Solid Manhole Risers *(33 01 30 73-0001)*

33 01 30 73-0003	EA	Up To 2" Rise, Up To 26" Diameter, Adjustable Or Solid Manhole Risers Note: For manholes up to 26" in diameter.	335.94
33 01 30 73-0004	EA	>2" To 3" Rise, Up To 26" Diameter, Adjustable Or Solid Manhole Risers Note: For manholes up to 26" in diameter.	381.01
33 01 30 73-0005	EA	>3" To 4" Rise, Up To 26" Diameter, Adjustable Or Solid Manhole Risers Note: For manholes up to 26" in diameter.	421.47
33 01 30 73-0006	EA	>4" To 5" Rise, Up To 26" Diameter, Adjustable Or Solid Manhole Risers Note: For manholes up to 26" in diameter.	467.53
33 01 30 73-0007	EA	>5" To 6" Rise, Up To 26" Diameter, Adjustable Or Solid Manhole Risers Note: For manholes up to 26" in diameter.	504.06

33 01 30 73-0008 >26" To 32-1/2" Diameter, Up To 6" Rise Adjustable Or Solid Manhole Risers *(33 01 30 73-0001)*

33 01 30 73-0009	EA	Up To 2" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid Manhole Risers Note: For manholes over 26" in diameter and up to 32 1/2" diameter.	403.89
33 01 30 73-0010	EA	>2 To 3" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid Manhole Risers Note: For manholes over 26" in diameter and up to 32 1/2" diameter.	441.53
33 01 30 73-0011	EA	>3" To 4" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid Manhole Risers Note: For manholes over 26" in diameter and up to 32 1/2" diameter.	489.58
33 01 30 73-0012	EA	>4" To 5" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid Manhole Risers Note: For manholes over 26" in diameter and up to 32 1/2" diameter.	535.63
33 01 30 73-0013	EA	>5" To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid Manhole Risers Note: For manholes over 26" in diameter and up to 32 1/2" diameter.	579.70

33 01 30 73-0014 Up To 36" Diameter, >6" To 12" Rise Solid Manhole Risers *(33 01 30 73-0001)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 73-0015	EA	6-1/2" Rise, Up To 36" Diameter, Solid Manhole Risers	561.32	
33 01 30 73-0016	EA	7" Rise, Up To 36" Diameter, Solid Manhole Risers	612.25	
33 01 30 73-0017	EA	7-1/2" Rise, Up To 36" Diameter, Solid Manhole Risers	663.80	
33 01 30 73-0018	EA	8" Rise, Up To 36" Diameter, Solid Manhole Risers	703.51	
33 01 30 73-0019	EA	9" Rise, Up To 36" Diameter, Solid Manhole Risers	766.58	
33 01 30 73-0020	EA	10" Rise, Up To 36" Diameter, Solid Manhole Risers	823.00	
33 01 30 73-0021	EA	11" Rise, Up To 36" Diameter, Solid Manhole Risers	877.75	
33 01 30 73-0022	EA	12" Rise, Up To 36" Diameter, Solid Manhole Risers	933.40	
33 01 30 73-0023		>12" Rise, Solid Manhole Risers *(33 01 30 73)*		
		Note: Includes valve boxes.		
33 01 30 73-0024		Precast Concrete Manhole Riser *(33 01 30 73-0023)*		
33 01 30 73-0025	VLF	Up To 26" Diameter Precast Concrete Manhole Riser	75.55	
33 01 30 73-0026	VLF	>26" To 36" Diameter Precast Concrete Manhole Riser	90.40	
33 01 30 73-0027	VLF	>36" To 48" Diameter Precast Concrete Manhole Riser	103.05	
33 01 30 73-0028	VLF	>48" To 60" Diameter Precast Concrete Manhole Riser	203.13	
33 01 30 73-0029	VLF	>60" To 72" Diameter Precast Concrete Manhole Riser	298.77	
33 01 30 73-0030		Restoration And Rehabilitation Of Manholes *(33 01 30 73)*		
		Note: Work is in confined spaces.		
33 01 30 73-0031		Inspection And Ventilation System Set-up *(33 01 30 73-0030)*		
33 01 30 73-0032	EA	Inspect Manhole	124.80	
33 01 30 73-0033	EA	36" to 60" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System Note: For internal inspection and repair of water mains.	7,892.48	
33 01 30 73-0034	EA	>60" to 108" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System Note: For internal inspection and repair of water mains	11,112.51	
33 01 30 73-0035		Manhole Seals *(33 01 30 73-0030)*		
33 01 30 73-0036		Internal Manhole Chimney Seals *(33 01 30 73-0035)*		
		Note: Cretex.		
33 01 30 73-0037	EA	20" Internal Manhole Chimney Seal	355.31	
33 01 30 73-0038	EA	22" Internal Manhole Chimney Seal	374.53	
33 01 30 73-0039	EA	24" Internal Manhole Chimney Seal	384.13	
33 01 30 73-0040	EA	26" Internal Manhole Chimney Seal	441.75	
33 01 30 73-0041	EA	28" Internal Manhole Chimney Seal	499.36	
33 01 30 73-0042	EA	30" Internal Manhole Chimney Seal	556.98	
33 01 30 73-0043	EA	36" Internal Manhole Chimney Seal	672.22	
33 01 30 73-0044		External Manhole Encapsulation *(33 01 30 73-0035)*		
		Note: Wrapidseal.		
33 01 30 73-0045	EA	24" External Manhole Encapsulation	518.57	
33 01 30 73-0046	EA	30" External Manhole Encapsulation	547.38	
33 01 30 73-0047	EA	36" External Manhole Encapsulation	585.79	
33 01 30 73-0048	EA	42" External Manhole Encapsulation	633.81	
33 01 30 73-0049	EA	48" External Manhole Encapsulation	701.04	
33 01 30 73-0050	EA	54" External Manhole Encapsulation	777.85	
33 01 30 73-0051	EA	60" External Manhole Encapsulation	873.89	
33 01 30 73-0052		Manhole Restoration *(33 01 30 73-0030)*		
		Note: Includes power washing and cleaning of manhole interiors.		
33 01 30 73-0053		Cementitious Manhole Restoration, Interior *(33 01 30 73-0052)*		
33 01 30 73-0054	VLF	1/2" Cementitious Restoration On 3' Diameter Manhole Interior	103.06	
		For Each Additional 1/2" Thick Material, Add	*24.75*	
		For 2 To 5 Manholes, Deduct	*-7.28*	
		For 6 To 10 Manholes, Deduct	*-11.98*	
		For >10 Manholes, Deduct	*-23.96*	
33 01 30 73-0055	VLF	1/2" Cementitious Restoration On 3-1/2' Diameter Manhole Interior	119.49	
		For Each Additional 1/2" Thick Material, Add	*28.79*	
		For 2 To 5 Manholes, Deduct	*-8.44*	
		For 6 To 10 Manholes, Deduct	*-13.88*	
		For >10 Manholes, Deduct	*-27.77*	
33 01 30 73-0056	VLF	1/2" Cementitious Restoration On 4' Diameter Manhole Interior	135.92	
		For Each Additional 1/2" Thick Material, Add	*32.84*	
		For 2 To 5 Manholes, Deduct	*-9.59*	
		For 6 To 10 Manholes, Deduct	*-15.79*	
		For >10 Manholes, Deduct	*-31.57*	
33 01 30 73-0057	VLF	1/2" Cementitious Restoration On 5' Diameter Manhole Interior	159.98	
		For Each Additional 1/2" Thick Material, Add	*40.17*	
		For 2 To 5 Manholes, Deduct	*-11.24*	
		For 6 To 10 Manholes, Deduct	*-18.49*	
		For >10 Manholes, Deduct	*-36.97*	
33 01 30 73-0058	VLF	1/2" Cementitious Restoration On 6' Diameter Manhole Interior	174.80	
		For Each Additional 1/2" Thick Material, Add	*46.35*	
		For 2 To 5 Manholes, Deduct	*-12.21*	
		For 6 To 10 Manholes, Deduct	*-20.05*	
		For >10 Manholes, Deduct	*-40.09*	
33 01 30 73-0059		Polyurethane Manhole Restoration, Interior *(33 01 30 73-0052)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 73-0060	VLF	60 Mil Polyurethane Restoration Of 3' Diameter Manhole Interior	253.27	
		For 80 Mil Material, Add	*32.41*	
		For 100 Mil Material, Add	*64.82*	
		For 125 Mil Material, Add	*101.55*	
		For 150 Mil Material, Add	*138.29*	
		For 200 Mil Material, Add	*201.69*	
		For 2 To 5 Manholes, Deduct	*-17.70*	
		For 6 To 10 Manholes, Deduct	*-29.06*	
		For >10 Manholes, Deduct	*-58.13*	
33 01 30 73-0061	VLF	60 Mil Polyurethane Restoration Of 3-1/2' Diameter Manhole Interior	306.73	
		For 80 Mil Material, Add	*38.67*	
		For 100 Mil Material, Add	*77.33*	
		For 125 Mil Material, Add	*121.05*	
		For 150 Mil Material, Add	*164.78*	
		For 200 Mil Material, Add	*239.91*	
		For 2 To 5 Manholes, Deduct	*-21.49*	
		For 6 To 10 Manholes, Deduct	*-35.31*	
		For >10 Manholes, Deduct	*-70.62*	
33 01 30 73-0062	VLF	60 Mil Polyurethane Restoration Of 4' Diameter Manhole Interior	337.70	
		For 80 Mil Material, Add	*43.21*	
		For 100 Mil Material, Add	*86.42*	
		For 125 Mil Material, Add	*135.40*	
		For 150 Mil Material, Add	*184.39*	
		For 200 Mil Material, Add	*268.92*	
		For 2 To 5 Manholes, Deduct	*-23.60*	
		For 6 To 10 Manholes, Deduct	*-38.75*	
		For >10 Manholes, Deduct	*-77.50*	
33 01 30 73-0063	VLF	60 Mil Polyurethane Restoration Of 5' Diameter Manhole Interior	422.17	
		For 80 Mil Material, Add	*54.03*	
		For 100 Mil Material, Add	*108.06*	
		For 125 Mil Material, Add	*169.31*	
		For 150 Mil Material, Add	*230.56*	
		For 200 Mil Material, Add	*336.28*	
		For 2 To 5 Manholes, Deduct	*-29.50*	
		For 6 To 10 Manholes, Deduct	*-48.44*	
		For >10 Manholes, Deduct	*-96.88*	
33 01 30 73-0064	VLF	60 Mil Polyurethane Restoration Of 6' Diameter Manhole Interior	506.60	
		For 80 Mil Material, Add	*64.84*	
		For 100 Mil Material, Add	*129.67*	
		For 125 Mil Material, Add	*203.17*	
		For 150 Mil Material, Add	*276.66*	
		For 200 Mil Material, Add	*403.51*	
		For 2 To 5 Manholes, Deduct	*-35.40*	
		For 6 To 10 Manholes, Deduct	*-58.13*	
		For >10 Manholes, Deduct	*-116.26*	

33 01 30 73-0065 Epoxy Manhole Restoration, Interior *(33 01 30 73-0052)*

33 01 30 73-0066	VLF	60 Mil Epoxy Restoration Of 3' Diameter Manhole Interior	230.84	
		For 80 Mil Material, Add	*24.93*	
		For 100 Mil Material, Add	*49.86*	
		For 125 Mil Material, Add	*77.25*	
		For 150 Mil Material, Add	*104.64*	
		For 200 Mil Material, Add	*149.35*	
		For 2 To 5 Manholes, Deduct	*-16.58*	
		For 6 To 10 Manholes, Deduct	*-27.38*	
		For >10 Manholes, Deduct	*-54.76*	
33 01 30 73-0067	VLF	60 Mil Epoxy Restoration Of 3-1/2' Diameter Manhole Interior	280.53	
		For 80 Mil Material, Add	*29.93*	
		For 100 Mil Material, Add	*59.87*	
		For 125 Mil Material, Add	*92.67*	
		For 150 Mil Material, Add	*125.48*	
		For 200 Mil Material, Add	*178.78*	
		For 2 To 5 Manholes, Deduct	*-20.18*	
		For 6 To 10 Manholes, Deduct	*-33.34*	
		For >10 Manholes, Deduct	*-66.69*	
33 01 30 73-0068	VLF	60 Mil Epoxy Restoration Of 4' Diameter Manhole Interior	307.79	
		For 80 Mil Material, Add	*33.24*	
		For 100 Mil Material, Add	*66.48*	
		For 125 Mil Material, Add	*103.00*	
		For 150 Mil Material, Add	*139.52*	
		For 200 Mil Material, Add	*199.13*	
		For 2 To 5 Manholes, Deduct	*-22.10*	
		For 6 To 10 Manholes, Deduct	*-36.51*	
		For >10 Manholes, Deduct	*-73.02*	
33 01 30 73-0069	VLF	60 Mil Epoxy Restoration Of 5' Diameter Manhole Interior	384.76	
		For 80 Mil Material, Add	*41.56*	
		For 100 Mil Material, Add	*83.12*	
		For 125 Mil Material, Add	*128.78*	
		For 150 Mil Material, Add	*174.44*	
		For 200 Mil Material, Add	*248.99*	
		For 2 To 5 Manholes, Deduct	*-27.63*	
		For 6 To 10 Manholes, Deduct	*-45.64*	
		For >10 Manholes, Deduct	*-91.27*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 73-0070	VLF	60 Mil Epoxy Restoration Of 6' Diameter Manhole Interior	461.70	
		For 80 Mil Material, Add	*49.87*	
		For 100 Mil Material, Add	*99.74*	
		For 125 Mil Material, Add	*154.52*	
		For 150 Mil Material, Add	*209.31*	
		For 200 Mil Material, Add	*298.75*	
		For 2 To 5 Manholes, Deduct	*-33.15*	
		For 6 To 10 Manholes, Deduct	*-54.76*	
		For >10 Manholes, Deduct	*-109.53*	

33 01 30 73-0071 PVC Lining Manhole Restoration, Interior *(33 01 30 73-0052)*

Note: Wound strip liners.

33 01 30 73-0072	VLF	3' Diameter CIP Multiplex Liner For Existing Manhole	309.83	
		For 2 To 5 Manholes, Deduct	*-18.62*	
		For 6 To 10 Manholes, Deduct	*-29.49*	
		For >10 Manholes, Deduct	*-58.97*	
33 01 30 73-0073	VLF	3-1/2' Diameter CIP Multiplex Liner For Existing Manhole	379.35	
		For 2 To 5 Manholes, Deduct	*-22.79*	
		For 6 To 10 Manholes, Deduct	*-36.09*	
		For >10 Manholes, Deduct	*-72.18*	
33 01 30 73-0074	VLF	4' Diameter CIP Multiplex Liner For Existing Manhole	443.17	
		For 2 To 5 Manholes, Deduct	*-26.32*	
		For 6 To 10 Manholes, Deduct	*-41.57*	
		For >10 Manholes, Deduct	*-83.14*	
33 01 30 73-0075	VLF	5' Diameter CIP Multiplex Liner For Existing Manhole	555.57	
		For 2 To 5 Manholes, Deduct	*-32.99*	
		For 6 To 10 Manholes, Deduct	*-52.08*	
		For >10 Manholes, Deduct	*-104.17*	
33 01 30 73-0076	VLF	6' Diameter CIP Multiplex Liner For Existing Manhole	667.98	
		For 2 To 5 Manholes, Deduct	*-39.65*	
		For 6 To 10 Manholes, Deduct	*-62.60*	
		For >10 Manholes, Deduct	*-125.19*	

33 01 30 73-0077 Sealing And Crack Repair *(33 01 30 73-0030)*

33 01 30 73-0078	LF	Up To 1/4" Wide, Epoxy Grout Injection, Manhole Crack Repair	39.52	
33 01 30 73-0079	LF	>1/4" To 1/2" Wide, Epoxy Grout Injection, Manhole Crack Repair	53.15	
33 01 30 73-0080	LF	Up To 1/4" Wide, Urethane Grout Injection, Manhole Crack Repair	38.02	
33 01 30 73-0081	LF	>1/4" To 1/2" Wide, Urethane Grout Injection, Manhole Crack Repair	51.35	
33 01 30 73-0082	SF	Up To 1/4" Thick, Epoxy Grout, Manhole Patching	25.00	
33 01 30 73-0083	SF	Up To 1/4" Thick, Cementitious Grout, Manhole Patching	10.92	

33 01 30 73-0084 Manhole Joint Restoration *(33 01 30 73-0030)*

Note: Includes drilling holes at joints, fill joints with grout.

33 01 30 73-0085	EA	3' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	1,310.05	
		For Grouting Each Additional Manhole Joint Section, Add	*182.39*	
33 01 30 73-0086	EA	3-1/2' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	1,529.23	
		For Grouting Each Additional Manhole Joint Section, Add	*200.29*	
33 01 30 73-0087	EA	4' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	1,746.75	
		For Grouting Each Additional Manhole Joint Section, Add	*218.18*	
33 01 30 73-0088	EA	5' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	2,050.02	
		For Grouting Each Additional Manhole Joint Section, Add	*227.13*	
33 01 30 73-0089	EA	6' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	2,352.47	
		For Grouting Each Additional Manhole Joint Section, Add	*236.08*	

33 01 30 73-0090 Inverts *(33 01 30 73-0030)*

33 01 30 73-0091	EA	Single Channel Concrete Invert Restoration	308.91	
33 01 30 73-0092	EA	Triple Channel Concrete Invert Restoration	572.15	
33 01 30 73-0093	EA	Single Channel Brick Invert Restoration	461.72	
33 01 30 73-0094	EA	Triple Channel Brick Invert Restoration	763.37	

33 01 30 73-0095 Step Installation In Existing Manholes *(33 01 30 73-0030)*

Note: Including drilling in existing concrete manhole, step and grout. Demolition cost includes removal of old step and patching holes.

33 01 30 73-0096	EA	Drill And Grout 8" x 9" Cast Iron Manhole Steps	90.18	16.93
33 01 30 73-0097	EA	Drill And Grout Galvanized Steel Manhole Step	74.55	16.93
33 01 30 73-0098	EA	Bolt On Galvanized Steel Manhole Step	85.13	16.93
33 01 30 73-0099	EA	Drill And Grout Aluminum Manhole Step	72.82	16.93
33 01 30 73-0100	EA	Drill And Insert Polypropylene Manhole Step	45.96	13.54

33 05 Common Work Results For Utilities *(33)*

33 05 16 Utility Structures *(33 05)*

33 05 16 13 Precast Concrete Directional Structures *(33 05 16)*

33 05 16 13-0001 Underground Utility Vaults And Structures *(33 05 16 13)*

See CSI section 33 39 13 00-0001 for manholes, 33 39 13 00-0129 for frames and covers.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0002		Precast Concrete Underground Utility Vault *(33 05 16 13-0001)* Note: Sizes given are for inside dimensions.		
33 05 16 13-0003		6' High Precast Concrete Underground Utility Vault *(33 05 16 13-0002)*		
33 05 16 13-0004	EA	4' x 4' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	2,434.92	
33 05 16 13-0005	EA	4' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,173.95	
33 05 16 13-0006	EA	5' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,236.27	
33 05 16 13-0007	EA	5' x 12' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,046.13	
33 05 16 13-0008	EA	6' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,056.15	
33 05 16 13-0009	EA	6' x 8' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,937.58	
33 05 16 13-0010	EA	6' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,819.78	
33 05 16 13-0011	EA	6' x 12' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	8,408.46	
33 05 16 13-0012	EA	6' x 14' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	8,408.46	
33 05 16 13-0013	EA	6' x 16' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	10,587.58	
33 05 16 13-0014	EA	8' x 8' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,962.96	
33 05 16 13-0015	EA	8' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,987.60	
33 05 16 13-0016	EA	8' x 12' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	9,988.18	
33 05 16 13-0017	EA	8' x 14' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	11,241.65	
33 05 16 13-0018		7' High Precast Concrete Underground Utility Vault *(33 05 16 13-0002)*		
33 05 16 13-0019	EA	4' x 4' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	2,680.60	
33 05 16 13-0020	EA	4' x 6' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,480.67	
33 05 16 13-0021	EA	4' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,280.71	
33 05 16 13-0022	EA	5' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,695.97	
33 05 16 13-0023	EA	5' x 12' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,567.61	
33 05 16 13-0024	EA	6' x 6' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,423.89	
33 05 16 13-0025	EA	6' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,367.15	
33 05 16 13-0026	EA	6' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,310.37	
33 05 16 13-0027	EA	6' x 12' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	9,143.95	
33 05 16 13-0028	EA	6' x 16' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	11,486.59	
33 05 16 13-0029	EA	8' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,453.54	
33 05 16 13-0030	EA	8' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,539.23	
33 05 16 13-0031	EA	8' x 12' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	10,805.88	
33 05 16 13-0032	EA	8' x 14' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	12,139.90	
33 05 16 13-0033	EA	10' x 10' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	10,968.84	
33 05 16 13-0034		8' High Precast Concrete Underground Utility Vault *(33 05 16 13-0002)*		
33 05 16 13-0035	EA	4' x 4' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	2,925.50	
33 05 16 13-0036	EA	4' x 6' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,787.37	
33 05 16 13-0037	EA	5' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,155.64	
33 05 16 13-0038	EA	5' x 12' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,088.33	
33 05 16 13-0039	EA	6' x 6' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,791.63	
33 05 16 13-0040	EA	6' x 8' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,795.92	
33 05 16 13-0041	EA	6' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,800.22	
33 05 16 13-0042	EA	6' x 12' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	9,879.42	
33 05 16 13-0043	EA	6' x 16' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	12,385.65	
33 05 16 13-0044	EA	8' x 8' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,943.38	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0045	EA	8' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,090.84	
33 05 16 13-0046	EA	8' x 12' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	11,622.75	
33 05 16 13-0047	EA	8' x 14' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	13,038.96	
33 05 16 13-0048	EA	10' x 10' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	11,786.28	
33 05 16 13-0049		10' High Precast Concrete Underground Utility Vault *(33 05 16 13-0002)*		
33 05 16 13-0050	EA	6' x 6' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,159.40	
33 05 16 13-0051	EA	6' x 8' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,224.71	
33 05 16 13-0052	EA	10' x 10' x 10' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	12,603.11	
33 05 16 13-0053		12' High Precast Concrete Underground Utility Vault *(33 05 16 13-0002)*		
33 05 16 13-0054	EA	6' x 6' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,527.15	
33 05 16 13-0055	EA	6' x 8' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,654.26	
33 05 16 13-0056		Meter Pit *(33 05 16 13-0001)*		
33 05 16 13-0057		Precast Concrete Meter Pit *(33 05 16 13-0056)*		
33 05 16 13-0058	EA	4' x 4' x 4' Deep Precast Concrete Meter Pit	1,732.19	
33 05 16 13-0059	EA	4' x 4' x 6' Deep Precast Concrete Meter Pit	2,306.06	
33 05 16 13-0060	EA	4' x 4' x 8' Deep Precast Concrete Meter Pit	2,833.62	
33 05 16 13-0061	EA	4' x 4' x 10' Deep Precast Concrete Meter Pit	3,475.17	
33 05 16 13-0062	EA	4' x 4' x 15' Deep Precast Concrete Meter Pit	4,680.60	
33 05 16 13-0063	EA	6' x 6' x 4' Deep Precast Concrete Meter Pit	2,586.84	
33 05 16 13-0064	EA	6' x 6' x 6' Deep Precast Concrete Meter Pit	3,475.17	
33 05 16 13-0065	EA	6' x 6' x 8' Deep Precast Concrete Meter Pit	4,418.13	
33 05 16 13-0066	EA	6' x 6' x 10' Deep Precast Concrete Meter Pit	5,514.13	
33 05 16 13-0067	EA	6' x 6' x 15' Deep Precast Concrete Meter Pit	7,584.25	
33 05 16 13-0068		Handhole Or Pull Box Enclosures *(33 05 16 13-0001)*		
33 05 16 13-0069		Polymer Concrete Handhole Enclosures *(33 05 16 13-0068)*		
33 05 16 13-0070		Polymer Concrete Handhole Enclosures *(33 05 16 13-0069)*		
33 05 16 13-0071		Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 16 13-0070)*		
33 05 16 13-0072		Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 16 13-0071)*		
33 05 16 13-0073	EA	12" x 12", 24" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	184.84	17.91
33 05 16 13-0074	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	170.81	39.79
33 05 16 13-0075	EA	13" x 24", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	260.30	59.68
33 05 16 13-0076	EA	17" x 30", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	298.10	59.68
33 05 16 13-0077	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	285.61	59.68
33 05 16 13-0078	EA	13" x 24", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	340.13	59.68
33 05 16 13-0079	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	331.90	59.68
33 05 16 13-0080	EA	17" x 30", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	442.30	59.68
33 05 16 13-0081	EA	27" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	625.82	79.58
33 05 16 13-0082	EA	27" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	863.41	79.58
33 05 16 13-0083	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	585.28	109.41
33 05 16 13-0084	EA	24" x 36", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	659.68	109.41
33 05 16 13-0085	EA	24" x 36", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,046.74	109.41
33 05 16 13-0086	EA	39" Round, 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	626.16	119.35
33 05 16 13-0087	EA	39" Round, 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	869.88	119.35
33 05 16 13-0088	EA	39" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,069.18	119.35
33 05 16 13-0089	EA	39" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,540.57	119.35
33 05 16 13-0090	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	906.05	181.40
33 05 16 13-0091	EA	30" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,272.86	181.40

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0092		Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 16 13-0071)*		
33 05 16 13-0093	EA	12" x 12", 24" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	234.23	17.91
33 05 16 13-0094	EA	13" x 24", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	319.11	59.68
33 05 16 13-0095	EA	17" x 30", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	379.96	59.68
33 05 16 13-0096	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	352.73	59.68
33 05 16 13-0097	EA	13" x 24", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	399.33	59.68
33 05 16 13-0098	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	411.55	59.68
33 05 16 13-0099	EA	17" x 30", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	522.63	59.68
33 05 16 13-0100	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	710.35	109.41
33 05 16 13-0101	EA	24" x 36", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	784.75	109.41
33 05 16 13-0102	EA	24" x 36", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,171.82	109.41
33 05 16 13-0103	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,052.21	181.40
33 05 16 13-0104	EA	30" x 48", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,421.81	181.40
33 05 16 13-0105		Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 16 13-0070)*		
33 05 16 13-0106		Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 16 13-0105)*		
33 05 16 13-0107	EA	5" x 16", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	297.78	17.91
33 05 16 13-0108	EA	10" x 12", 15" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	253.08	17.91
33 05 16 13-0109	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	227.31	59.68
33 05 16 13-0110	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	253.68	59.68
33 05 16 13-0111	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	76.52	17.91
33 05 16 13-0112	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	113.90	17.91
33 05 16 13-0113	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	178.77	17.91
33 05 16 13-0114	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	186.63	17.91
33 05 16 13-0115	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	168.07	39.79
33 05 16 13-0116	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	180.11	39.79
33 05 16 13-0117	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	112.29	17.91
33 05 16 13-0118	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	127.00	17.91
33 05 16 13-0119	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	178.86	39.79
33 05 16 13-0120	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	199.11	39.79
33 05 16 13-0121	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	186.00	39.79
33 05 16 13-0122	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	228.54	59.68
33 05 16 13-0123	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	248.39	59.68
33 05 16 13-0124	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	263.16	59.68
33 05 16 13-0125	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	285.41	59.68
33 05 16 13-0126	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	329.76	59.68
33 05 16 13-0127	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	356.67	59.68
33 05 16 13-0128	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	386.12	59.68
33 05 16 13-0129	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	404.63	59.68
33 05 16 13-0130	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	486.25	79.58
33 05 16 13-0131	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	504.67	109.41
33 05 16 13-0132	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	633.62	109.41
33 05 16 13-0133	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	752.69	109.41
33 05 16 13-0134	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	827.88	109.41
33 05 16 13-0135	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	902.68	109.41
33 05 16 13-0136	EA	36" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,049.15	181.40

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0137	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	785.55	181.40
33 05 16 13-0138	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	881.05	181.40
33 05 16 13-0139	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,063.67	181.40
33 05 16 13-0140	EA	30" x 60", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,061.80	181.40
33 05 16 13-0141	EA	30" x 60", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,129.97	181.40
33 05 16 13-0142	EA	30" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,261.06	181.40
33 05 16 13-0143	EA	36" x 60", 19" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,172.04	194.35
33 05 16 13-0144	EA	36" x 60", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,264.60	194.35
33 05 16 13-0145	EA	36" x 60", 31" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,382.77	194.35
33 05 16 13-0146	EA	36" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,430.05	194.35
33 05 16 13-0147	EA	48" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,446.49	194.35
33 05 16 13-0148	EA	48" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,626.54	194.35
33 05 16 13-0149	EA	36" x 72", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,276.87	194.35
33 05 16 13-0150	EA	36" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,656.26	194.35
33 05 16 13-0151	EA	48" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,859.21	207.31
33 05 16 13-0152	EA	48" x 72", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,272.00	207.31
33 05 16 13-0153	EA	48" x 96", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,887.19	207.31

33 05 16 13-0154 Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 16 13-0105)*

33 05 16 13-0155	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	295.79	59.68
33 05 16 13-0156	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	334.91	59.68
33 05 16 13-0157	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	123.41	17.91
33 05 16 13-0158	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	174.50	17.91
33 05 16 13-0159	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	230.97	17.91
33 05 16 13-0160	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	238.83	17.91
33 05 16 13-0161	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	219.48	39.79
33 05 16 13-0162	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	227.87	39.79
33 05 16 13-0163	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	239.07	39.79
33 05 16 13-0164	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	163.43	17.91
33 05 16 13-0165	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	191.55	17.91
33 05 16 13-0166	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	238.80	39.79
33 05 16 13-0167	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	259.05	39.79
33 05 16 13-0168	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	246.58	39.79
33 05 16 13-0169	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	295.41	59.68
33 05 16 13-0170	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	315.51	59.68
33 05 16 13-0171	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	342.96	59.68
33 05 16 13-0172	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	365.06	59.68
33 05 16 13-0173	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	409.29	59.68
33 05 16 13-0174	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	436.32	59.68
33 05 16 13-0175	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	465.63	59.68
33 05 16 13-0176	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	484.27	59.68
33 05 16 13-0177	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	596.28	79.58
33 05 16 13-0178	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	629.76	109.41
33 05 16 13-0179	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	758.56	109.41

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0180	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	877.49	109.41
33 05 16 13-0181	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	952.57	109.41
33 05 16 13-0182	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,027.61	109.41
33 05 16 13-0183	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	930.33	181.40
33 05 16 13-0184	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,025.98	181.40
33 05 16 13-0185	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,208.45	181.40

33 05 16 13-0186 Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 16 13-0105)*

33 05 16 13-0187	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	273.92	59.68
33 05 16 13-0188	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	314.13	59.68
33 05 16 13-0189	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	93.52	17.91
33 05 16 13-0190	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	148.26	17.91
33 05 16 13-0191	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	209.13	17.91
33 05 16 13-0192	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	217.13	17.91
33 05 16 13-0193	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	205.10	39.79
33 05 16 13-0194	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	228.41	39.79
33 05 16 13-0195	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	130.83	17.91
33 05 16 13-0196	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	216.56	39.79
33 05 16 13-0197	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	245.59	39.79
33 05 16 13-0198	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	224.10	39.79
33 05 16 13-0199	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	292.33	59.68
33 05 16 13-0200	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	332.02	59.68
33 05 16 13-0201	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	345.22	59.68
33 05 16 13-0202	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	376.65	59.68
33 05 16 13-0203	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	405.56	59.68
33 05 16 13-0204	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	432.86	59.68
33 05 16 13-0205	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	481.73	59.68
33 05 16 13-0206	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	488.55	59.68
33 05 16 13-0207	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	604.80	79.58
33 05 16 13-0208	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	640.81	109.41
33 05 16 13-0209	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	783.05	109.41
33 05 16 13-0210	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	923.73	109.41
33 05 16 13-0211	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,017.16	109.41
33 05 16 13-0212	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,110.60	109.41
33 05 16 13-0213	EA	36" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,223.24	181.40
33 05 16 13-0214	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	959.65	181.40
33 05 16 13-0215	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,062.60	181.40
33 05 16 13-0216	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,245.09	181.40
33 05 16 13-0217	EA	30" x 60", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,325.58	181.40
33 05 16 13-0218	EA	30" x 60", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,350.79	181.40
33 05 16 13-0219	EA	30" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,595.32	181.40
33 05 16 13-0220	EA	36" x 60", 19" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,492.04	194.35
33 05 16 13-0221	EA	36" x 60", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,539.86	194.35
33 05 16 13-0222	EA	36" x 60", 31" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,675.53	194.35
33 05 16 13-0223	EA	36" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,778.21	194.35
33 05 16 13-0224	EA	36" x 72", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,640.96	194.35
33 05 16 13-0225	EA	36" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,008.18	194.35

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0226	EA	48" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,755.29	194.35
33 05 16 13-0227	EA	48" x 48", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,920.06	194.35
33 05 16 13-0228	EA	48" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,312.43	207.31
33 05 16 13-0229	EA	48" x 72", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,725.39	207.31
33 05 16 13-0230	EA	48" x 96", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,641.82	207.31

33 05 16 13-0231 Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 16 13-0105)*

33 05 16 13-0232	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	342.38	59.68
33 05 16 13-0233	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	395.51	59.68
33 05 16 13-0234	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	140.04	17.91
33 05 16 13-0235	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	208.74	17.91
33 05 16 13-0236	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	261.22	17.91
33 05 16 13-0237	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	269.33	17.91
33 05 16 13-0238	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	265.05	39.79
33 05 16 13-0239	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	288.21	39.79
33 05 16 13-0240	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	197.30	17.91
33 05 16 13-0241	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	276.23	39.79
33 05 16 13-0242	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	305.26	39.79
33 05 16 13-0243	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	267.57	39.79
33 05 16 13-0244	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	359.47	59.68
33 05 16 13-0245	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	399.16	59.68
33 05 16 13-0246	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	424.86	59.68
33 05 16 13-0247	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	456.30	59.68
33 05 16 13-0248	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	485.21	59.68
33 05 16 13-0249	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	512.51	59.68
33 05 16 13-0250	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	561.40	59.68
33 05 16 13-0251	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	568.19	59.68
33 05 16 13-0252	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	714.68	79.58
33 05 16 13-0253	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	765.89	109.41
33 05 16 13-0254	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	908.00	109.41
33 05 16 13-0255	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,048.52	109.41
33 05 16 13-0256	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,142.03	109.41
33 05 16 13-0257	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,235.53	109.41
33 05 16 13-0258	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,104.56	181.40
33 05 16 13-0259	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,207.65	181.40
33 05 16 13-0260	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,390.01	181.40

33 05 16 13-0261 Footed, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 16 13-0105)*

33 05 16 13-0262	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	290.61	59.68
33 05 16 13-0263	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	196.04	39.79
33 05 16 13-0264	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	218.42	39.79
33 05 16 13-0265	EA	13" x 24", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	261.56	59.68
33 05 16 13-0266	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	203.37	39.79
33 05 16 13-0267	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	224.81	39.79

33 05 16 13-0268 Polymer Concrete Handhole Enclosure Extensions *(33 05 16 13-0069)*

33 05 16 13-0269	EA	13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	219.88	59.68

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0270	EA	17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	243.21	59.68
33 05 16 13-0271	EA	24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	284.34	79.58
33 05 16 13-0272	EA	24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	307.25	79.58
33 05 16 13-0273	EA	24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	371.11	109.41
33 05 16 13-0274	EA	36" x 36", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	649.68	181.40
33 05 16 13-0275	EA	30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	624.64	181.40
33 05 16 13-0276	EA	30" x 48", 11" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	630.11	181.40
33 05 16 13-0277	EA	36" x 60", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	826.07	194.35
33 05 16 13-0278	EA	48" x 72", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,263.07	207.31
33 05 16 13-0279	EA	48" x 96", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,626.82	207.31
33 05 16 13-0280	EA	13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	342.29	59.68
33 05 16 13-0281	EA	17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	356.54	59.68
33 05 16 13-0282	EA	24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	388.76	79.58
33 05 16 13-0283	EA	24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	411.91	79.58
33 05 16 13-0284	EA	24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	485.63	109.41
33 05 16 13-0285	EA	30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	786.48	181.40
33 05 16 13-0286	EA	13" x 24", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	272.62	59.68
33 05 16 13-0287	EA	17" x 30", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	300.73	59.68
33 05 16 13-0288	EA	24" x 36", 4" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	411.44	109.41
33 05 16 13-0289	EA	36" x 60", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	799.25	194.35
33 05 16 13-0290		Polymer Concrete Handhole Enclosure Covers *(33 05 16 13-0069)*		
33 05 16 13-0291		Polymer Concrete Handhole Enclosure Covers *(33 05 16 13-0290)*		
33 05 16 13-0292	EA	5" x 16", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	72.10	7.96
33 05 16 13-0293	EA	10" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	73.00	7.96
33 05 16 13-0294	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	67.86	7.96
33 05 16 13-0295	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	73.18	7.96
33 05 16 13-0296	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	73.87	7.96
33 05 16 13-0297	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	84.33	7.96
33 05 16 13-0298	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	97.27	7.96
33 05 16 13-0299	EA	30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	627.78	23.32
33 05 16 13-0300	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	550.63	23.32
33 05 16 13-0301	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	819.36	23.32
33 05 16 13-0302	EA	48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	828.52	23.32
33 05 16 13-0303	EA	36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	937.26	23.32
33 05 16 13-0304	EA	48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,020.32	23.32
33 05 16 13-0305	EA	48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,633.54	23.32
33 05 16 13-0306	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	62.17	7.96
33 05 16 13-0307	EA	11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	87.85	7.96
33 05 16 13-0308	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	89.04	7.96
33 05 16 13-0309	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	111.30	7.96
33 05 16 13-0310	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	84.66	7.96
33 05 16 13-0311	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	131.14	7.96
33 05 16 13-0312	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	103.58	7.96
33 05 16 13-0313	EA	27" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	209.57	7.96
33 05 16 13-0314	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	185.39	11.93
33 05 16 13-0315	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	231.27	11.93
33 05 16 13-0316	EA	39" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	297.56	13.93
33 05 16 13-0317	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	417.43	18.14
33 05 16 13-0318	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	434.54	34.55
33 05 16 13-0319	EA	11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	112.63	7.96
33 05 16 13-0320	EA	13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	159.38	7.96
33 05 16 13-0321	EA	17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	180.97	7.96
33 05 16 13-0322	EA	27" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	299.03	7.96
33 05 16 13-0323	EA	24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	248.46	11.93
33 05 16 13-0324	EA	39" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	417.69	13.93
33 05 16 13-0325	EA	36" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	547.56	18.14
33 05 16 13-0326	EA	30" x 59", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	738.39	23.32
33 05 16 13-0327	EA	30" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	657.56	23.32
33 05 16 13-0328	EA	36" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	914.61	23.32
33 05 16 13-0329	EA	48" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,188.00	23.32
33 05 16 13-0330	EA	36" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,138.13	23.32
33 05 16 13-0331	EA	48" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,722.57	23.32
33 05 16 13-0332	EA	48" x 96", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,655.38	23.32
33 05 16 13-0333	EA	11" x 18", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	147.27	7.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0334	EA	11" x 20", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	160.78	7.96
33 05 16 13-0335	EA	13" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	210.80	7.96
33 05 16 13-0336	EA	17" x 30", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	239.83	7.96
33 05 16 13-0337	EA	27" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	412.48	7.96
33 05 16 13-0338	EA	24" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	301.92	11.93
33 05 16 13-0339	EA	24" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	411.22	11.93
33 05 16 13-0340	EA	39" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	635.96	13.93
33 05 16 13-0341	EA	36" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	728.70	18.14
33 05 16 13-0342	EA	30" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	758.87	34.55
33 05 16 13-0343	EA	30" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	877.57	23.32
33 05 16 13-0344	EA	36" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,221.26	23.32
33 05 16 13-0345	EA	48" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,704.68	23.32
33 05 16 13-0346	EA	36" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,522.24	23.32
33 05 16 13-0347	EA	48" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,516.22	23.32
33 05 16 13-0348	EA	48" x 96", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	3,878.49	23.32

33 05 16 13-0349 Polymer Concrete Handhole Enclosure Covers With Gaskets *(33 05 16 13-0290)*

33 05 16 13-0350	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	82.39	7.96
33 05 16 13-0351	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	86.91	7.96
33 05 16 13-0352	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	88.39	7.96
33 05 16 13-0353	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	88.95	7.96
33 05 16 13-0354	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	102.21	7.96
33 05 16 13-0355	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	66.34	7.96
33 05 16 13-0356	EA	11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	92.12	7.96
33 05 16 13-0357	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	92.95	7.96
33 05 16 13-0358	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	115.70	7.96
33 05 16 13-0359	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	89.46	7.96
33 05 16 13-0360	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	108.64	7.96
33 05 16 13-0361	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	135.81	7.96
33 05 16 13-0362	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	188.52	11.93
33 05 16 13-0363	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	236.08	11.93
33 05 16 13-0364	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	439.47	34.55
33 05 16 13-0365	EA	6" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	55.73	7.96
33 05 16 13-0366	EA	8" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	85.49	7.96
33 05 16 13-0367	EA	8" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	94.77	7.96
33 05 16 13-0368	EA	12" x 12", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	90.65	7.96
33 05 16 13-0369	EA	10" x 15", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	75.21	7.96
33 05 16 13-0370	EA	11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	116.89	7.96
33 05 16 13-0371	EA	11" x 20", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	126.53	7.96
33 05 16 13-0372	EA	13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	163.92	7.96
33 05 16 13-0373	EA	17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	185.89	7.96
33 05 16 13-0374	EA	24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	252.86	11.93
33 05 16 13-0375	EA	24" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	314.65	11.93
33 05 16 13-0376	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	575.99	34.55

33 05 16 13-0377 Polymer Concrete Handhole Enclosure Covers Without Bolts *(33 05 16 13-0290)*

33 05 16 13-0378	EA	6" x 9", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	45.49	7.96
33 05 16 13-0379	EA	7" x 13", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	53.50	7.96
33 05 16 13-0380	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	64.28	7.96
33 05 16 13-0381	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	69.07	7.96
33 05 16 13-0382	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	68.95	7.96
33 05 16 13-0383	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	81.23	7.96
33 05 16 13-0384	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	93.29	7.96
33 05 16 13-0385	EA	24" x 36", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	223.41	11.93
33 05 16 13-0386	EA	30" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	416.57	34.55
33 05 16 13-0387	EA	30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	621.04	23.32
33 05 16 13-0388	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	543.01	23.32
33 05 16 13-0389	EA	48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	806.83	23.32
33 05 16 13-0390	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	778.94	23.32
33 05 16 13-0391	EA	36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	929.99	23.32
33 05 16 13-0392	EA	48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	993.44	23.32
33 05 16 13-0393	EA	48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,581.89	23.32
33 05 16 13-0394	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	59.89	7.96
33 05 16 13-0395	EA	10" x 16", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	58.56	7.96
33 05 16 13-0396	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	84.97	7.96
33 05 16 13-0397	EA	11" x 21", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	93.06	7.96
33 05 16 13-0398	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	104.91	7.96
33 05 16 13-0399	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover Without Bolts	80.53	7.96
33 05 16 13-0400	EA	18" x 19", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	89.46	7.96
33 05 16 13-0401	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	125.55	7.96
33 05 16 13-0402	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	181.77	11.93
33 05 16 13-0403	EA	20" x 42", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	225.90	11.93
33 05 16 13-0404	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	223.28	11.93
33 05 16 13-0405	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	401.04	18.14
33 05 16 13-0406	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	416.57	20.73

33 05 16 13-0407 Overlapping, Polymer Concrete Handhole Enclosure Covers *(33 05 16 13-0290)*

33 05 16 13-0408	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	646.17	23.32
33 05 16 13-0409	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	930.92	23.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0410	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	542.68	34.55
33 05 16 13-0411	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	716.51	34.55
33 05 16 13-0412	EA	30" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	765.74	23.32
33 05 16 13-0413	EA	36" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,039.78	23.32

33 05 16 13-0414 Split, Polymer Concrete Handhole Enclosure Covers *(33 05 16 13-0290)*

33 05 16 13-0415	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	252.95	11.93
33 05 16 13-0416	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	468.72	18.14
33 05 16 13-0417	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	490.89	34.55
33 05 16 13-0418	EA	6" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	43.26	7.96
33 05 16 13-0419	EA	8" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	69.49	7.96
33 05 16 13-0420	EA	12" x 12", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	76.13	7.96
33 05 16 13-0421	EA	8" x 18", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	80.52	7.96
33 05 16 13-0422	EA	10" x 15", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	71.07	7.96
33 05 16 13-0423	EA	11" x 20", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	122.62	7.96
33 05 16 13-0424	EA	24" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	337.22	11.93
33 05 16 13-0425	EA	36" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	620.70	18.14
33 05 16 13-0426	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	651.25	34.55

33 05 16 13-0427 Precast Concrete Handholes With Steel Cover *(33 05 16 13-0068)*

Note: 8000 To 12000 pound traffic rated top. Includes cover stamped with utility (Electrical, Sewer, Water, Etc.).

33 05 16 13-0428	EA	12" x 12" x 12" Precast Concrete Handholes With Steel Cover	568.36	175.91
		Note: 8000 To 12000 pound traffic rated top.		
		For 15000 to 22500 Pound Traffic Rated Top, Add	*18.00*	
33 05 16 13-0429	EA	12" x 24" x 21" Precast Concrete Handholes With Steel Cover	940.82	263.86
		Note: 8000 To 12000 pound traffic rated top.		
		For 15000 to 22500 Pound Traffic Rated Top, Add	*87.10*	
33 05 16 13-0430	EA	18" x 30" x 18" Precast Concrete Handholes With Steel Cover	1,155.03	351.81
		Note: 8000 To 12000 pound traffic rated top.		
		For 15000 to 22500 Pound Traffic Rated Top, Add	*147.60*	
33 05 16 13-0431	EA	24" x 24" x 24" Precast Concrete Handholes With Steel Cover	1,193.56	351.81
		Note: 8000 To 12000 pound traffic rated top.		
		For 15000 to 22500 Pound Traffic Rated Top, Add	*183.66*	
33 05 16 13-0432	EA	24" x 24" x 30" Precast Concrete Handholes With Steel Cover	1,415.07	439.77
		Note: 8000 To 12000 pound traffic rated top.		
		For 15000 to 22500 Pound Traffic Rated Top, Add	*218.70*	
33 05 16 13-0433	EA	30" x 36" x 30" Precast Concrete Handholes With Steel Cover	1,479.38	439.77
		Note: 8000 To 12000 pound traffic rated top.		
		For 15000 to 22500 Pound Traffic Rated Top, Add	*247.07*	
33 05 16 13-0434	EA	36" x 36" x 48" Precast Concrete Handholes With Steel Cover	1,718.32	527.73
		Note: 8000 To 12000 pound traffic rated top.		
		For 15000 to 22500 Pound Traffic Rated Top, Add	*286.47*	
33 05 16 13-0435	EA	48" x 48" x 48" Precast Concrete Handholes With Steel Cover	1,977.35	615.68
		Note: 8000 To 12000 pound traffic rated top.		
		For 15000 to 22500 Pound Traffic Rated Top, Add	*419.29*	
33 05 16 13-0436	EA	48" x 72" x 36" Precast Concrete Handholes With Steel Cover	1,908.31	527.73
		Note: 8000 To 12000 pound traffic rated top.		
		For 15000 to 22500 Pound Traffic Rated Top, Add	*475.79*	
33 05 16 13-0437	EA	54" x 38" x 24" Precast Concrete Handholes With Steel Cover	1,924.66	527.73
		Note: 8000 To 12000 pound traffic rated top.		
		For 15000 to 22500 Pound Traffic Rated Top, Add	*305.59*	
33 05 16 13-0438	EA	6" Diameter Precast Concrete Handholes With Steel Cover	463.80	175.91
		Note: 8000 To 12000 pound traffic rated top.		
		For 15000 to 22500 Pound Traffic Rated Top, Add	*15.00*	
33 05 16 13-0439	EA	9" Diameter Precast Concrete Handholes With Steel Cover	542.19	197.90
		Note: 8000 To 12000 pound traffic rated top.		
		For 15000 to 22500 Pound Traffic Rated Top, Add	*15.00*	
33 05 16 13-0440	EA	12" Diameter Precast Concrete Handholes With Steel Cover	655.00	219.89
		Note: 8000 To 12000 pound traffic rated top.		
		For 15000 to 22500 Pound Traffic Rated Top, Add	*15.00*	

33 05 23 Trenchless Utility Installation *(33 05)*

33 05 23 13 Utility Horizontal Directional Drilling *(33 05 23)*

33 05 23 13-0001 Horizontal Augering *(33 05 23 13)*

Note: Excludes starting or receiving pits, dewatering, cost of casing pipe or spoils removal.

33 05 23 13-0002	LF	Up To 2" Diameter Horizontal Hand Augering	19.63
33 05 23 13-0003	LF	3" Diameter Horizontal Hand Augering	23.70
33 05 23 13-0004	LF	4" Diameter Horizontal Hand Augering	32.50
33 05 23 13-0005	LF	6" Diameter Horizontal Hand Augering	41.98
33 05 23 13-0006	LF	8" Diameter Horizontal Augering	70.40
33 05 23 13-0007	LF	10" Diameter Horizontal Augering	102.70
33 05 23 13-0008	LF	12" Diameter Horizontal Augering	123.41
33 05 23 13-0009	LF	16" Diameter Horizontal Augering	147.43
33 05 23 13-0010	LF	20" Diameter Horizontal Augering	255.10
33 05 23 13-0011	LF	24" Diameter Horizontal Augering	320.04
33 05 23 13-0012	LF	30" Diameter Horizontal Augering	394.74
33 05 23 13-0013	LF	36" Diameter Horizontal Augering	451.00
33 05 23 13-0014	LF	42" Diameter Horizontal Augering	576.49
33 05 23 13-0015	LF	48" Diameter Horizontal Augering	621.18
33 05 23 13-0016	LF	54" Diameter Horizontal Augering	675.55
33 05 23 13-0017	LF	60" Diameter Horizontal Augering	708.25

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 23 13-0018	EA	8" To 36" Horizontal Augering Minimum Set-up Charge Note: For projects where the total boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	1,475.66	
33 05 23 13-0019	EA	>36" Horizontal Augering Minimum Set-up Charge Note: For projects where the total boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	2,615.59	

33 05 23 13-0020 Horizontal Directional Boring *(33 05 23 13)*

Note: Includes augering, excludes receiving pits or dewatering or cost of casing pipe.

33 05 23 13-0021	LF	Up To 1-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	9.76	
33 05 23 13-0022	LF	2" Diameter Directional Boring For Horizontal Pipe, Underground	14.64	
33 05 23 13-0023	LF	2-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	20.33	
33 05 23 13-0024	LF	3" Diameter Directional Boring For Horizontal Pipe, Underground	25.20	
33 05 23 13-0025	LF	4" Diameter Directional Boring For Horizontal Pipe, Underground	30.08	
33 05 23 13-0026	LF	5" Diameter Directional Boring For Horizontal Pipe, Underground	34.96	
33 05 23 13-0027	LF	6" Diameter Directional Boring For Horizontal Pipe, Underground	40.66	
33 05 23 13-0028	LF	8" Diameter Directional Boring For Horizontal Pipe, Underground	49.69	
33 05 23 13-0029	LF	10" Diameter Directional Boring For Horizontal Pipe, Underground	53.84	
33 05 23 13-0030	LF	12" Diameter Directional Boring For Horizontal Pipe, Underground	57.98	
33 05 23 13-0031	LF	18" Diameter Directional Boring For Horizontal Pipe, Underground	66.26	
33 05 23 13-0032	LF	24" Diameter Directional Boring For Horizontal Pipe, Underground	83.01	
33 05 23 13-0033	LF	30" Diameter Directional Boring For Horizontal Pipe, Underground	92.23	
33 05 23 13-0034	LF	36" Diameter Directional Boring For Horizontal Pipe, Underground	101.46	
33 05 23 13-0035	EA	Boring Minimum Set-up Charge Note: For projects where the total boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	1,475.66	

33 05 23 13-0036 Casing Pipe *(33 05 23 13)*

Note: Casing pipe is pulled back from hook on boring auger through slurry. Costs are installed costs. Excludes boring.

33 05 23 13-0037 Steel Pipe *(33 05 23 13-0036)*

33 05 23 13-0038	LF	1-1/2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	7.59	
33 05 23 13-0039	LF	2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	8.06	
33 05 23 13-0040	LF	2-1/2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	8.65	
33 05 23 13-0041	LF	3" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	9.26	
33 05 23 13-0042	LF	4" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	11.44	
33 05 23 13-0043	LF	5" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	12.80	
33 05 23 13-0044	LF	6" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	14.16	

33 05 23 13-0045 Polyethylene Pipe *(33 05 23 13-0036)*

33 05 23 13-0046	LF	3/4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	3.22	
33 05 23 13-0047	LF	1" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	3.56	
33 05 23 13-0048	LF	1-1/4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	3.88	
33 05 23 13-0049	LF	1-1/2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	4.14	
33 05 23 13-0050	LF	2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	4.43	
33 05 23 13-0051	LF	2-1/2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	4.71	
33 05 23 13-0052	LF	3" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	4.99	
33 05 23 13-0053	LF	4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	5.91	
33 05 23 13-0054	LF	5" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	6.47	
33 05 23 13-0055	LF	6" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	7.04	
33 05 23 13-0056	LF	8" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	8.93	
33 05 23 13-0057	LF	10" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	11.82	

33 05 23 16 Utility Pipe Jacking *(33 05 23)*

33 05 23 16-0001 Horizontal Jacking *(33 05 23 16)*

Note: Includes cost of steel casing pipe, excludes dewatering and excavation for jacking pit or receiving pit.

33 05 23 16-0002	LF	Up To 2" Diameter Horizontal Jacking	38.08	
33 05 23 16-0003	LF	3" Diameter Horizontal Jacking	45.80	
33 05 23 16-0004	LF	4" Diameter Horizontal Jacking	62.32	
33 05 23 16-0005	LF	6" Diameter Horizontal Jacking	80.53	
33 05 23 16-0006	LF	8" Diameter Horizontal Jacking	109.70	
33 05 23 16-0007	LF	10" Diameter Horizontal Jacking	160.47	
33 05 23 16-0008	LF	12" Diameter Horizontal Jacking	193.01	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 23 16-0009	LF	16" Diameter Horizontal Jacking	230.52	
33 05 23 16-0010	LF	20" Diameter Horizontal Jacking	378.58	
33 05 23 16-0011	LF	24" Diameter Horizontal Jacking	525.20	
33 05 23 16-0012	LF	30" Diameter Horizontal Jacking	625.72	
33 05 23 16-0013	LF	36" Diameter Horizontal Jacking	710.32	
33 05 23 16-0014	LF	42" Diameter Horizontal Jacking	764.71	
33 05 23 16-0015	LF	48" Diameter Horizontal Jacking	827.04	
33 05 23 16-0016	LF	54" Diameter Horizontal Jacking	890.65	
33 05 23 16-0017	EA	Up To 36" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	1,743.72	
33 05 23 16-0018	EA	>36" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	3,269.49	

33 10 Water Utilities *(33)*

33 11 Water Utility Distribution Piping *(33 10)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 11 13 Public Water Utility Distribution Piping *(33 11)*

33 11 13 13 Ductile Iron Public Water Utility Distribution Piping *(33 11 13)*

33 11 13 13-0001 Ductile Iron Piping *(33 11 13 13)*

33 11 13 13-0002 Mechanical Joint Ductile Iron Piping *(33 11 13 13-0001)*

Note: Gaskets, glands, strapping and bolts for mechanical joint pipe and fittings are furnished (included with fitting or pipe) in sufficient quantities to provide for each socket opening on pipe and fittings. Accessories conform to applicable requirements of ANSI/AWWA C111/A21.11. Cement lining and bituminous coating shall conform to ANSI A21.4.

33 11 13 13-0003 Mechanical Joint Ductile Iron Pipe *(33 11 13 13-0002)*

Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D class 50.

33 11 13 13-0004	LF	4" Mechanical Joint Ductile Iron Pipe	32.11	9.46
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*12.45*	
		For Cement Lining, Add *Note: ANSI/AWWA C104/A21.4*	*1.78*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*1.33*	
		For >1000, Deduct	*-1.61*	
		For Class 51, Add	*1.65*	
		For Class 52, Add	*3.55*	
		For Class 53, Add	*5.39*	
		For Class 54, Add	*7.24*	
		For Class 55, Add	*9.03*	
		For Class 56, Add	*11.28*	
33 11 13 13-0005	LF	6" Mechanical Joint Ductile Iron Pipe	32.85	9.46
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*12.96*	
		For Cement Lining, Add *Note: ANSI/AWWA C104/A21.4*	*1.85*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*1.39*	
		For >1000, Deduct	*-1.64*	
		For Class 51, Add	*1.71*	
		For Class 52, Add	*3.69*	
		For Class 53, Add	*5.59*	
		For Class 54, Add	*7.51*	
		For Class 55, Add	*9.37*	
		For Class 56, Add	*11.71*	
33 11 13 13-0006	LF	8" Mechanical Joint Ductile Iron Pipe	39.32	10.31
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*16.58*	
		For Cement Lining, Add *Note: ANSI/AWWA C104/A21.4*	*2.37*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*1.78*	
		For >1000, Deduct	*-1.97*	
		For Class 51, Add	*2.15*	
		For Class 52, Add	*4.65*	
		For Class 53, Add	*7.05*	
		For Class 54, Add	*9.47*	
		For Class 55, Add	*11.81*	
		For Class 56, Add	*14.77*	
33 11 13 13-0007	LF	10" Mechanical Joint Ductile Iron Pipe	53.05	14.67
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*18.49*	
		For Cement Lining, Add *Note: ANSI/AWWA C104/A21.4*	*3.08*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*2.31*	
		For >1000, Deduct	*-2.65*	
		For Class 51, Add	*2.82*	
		For Class 52, Add	*6.09*	
		For Class 53, Add	*9.24*	
		For Class 54, Add	*12.41*	
		For Class 55, Add	*15.48*	
		For Class 56, Add	*19.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0008	LF	12" Mechanical Joint Ductile Iron Pipe	64.06	16.29
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*19.68*	
		For Cement Lining, Add	*3.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.95*	
		Note: ANSI/AWWA C151/A21.51		
		For >1000, Deduct	*-3.20*	
		For Class 51, Add	*3.55*	
		For Class 52, Add	*7.69*	
		For Class 53, Add	*11.66*	
		For Class 54, Add	*15.67*	
		For Class 55, Add	*19.54*	
		For Class 56, Add	*24.45*	
33 11 13 13-0009	LF	14" Mechanical Joint Ductile Iron Pipe	76.60	18.29
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*21.48*	
		For Cement Lining, Add	*4.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.66*	
		Note: ANSI/AWWA C151/A21.51		
		For >1000, Deduct	*-3.83*	
		For Class 51, Add	*4.37*	
		For Class 52, Add	*9.47*	
		For Class 53, Add	*14.36*	
		For Class 54, Add	*19.29*	
		For Class 55, Add	*24.06*	
		For Class 56, Add	*30.11*	
33 11 13 13-0010	LF	16" Mechanical Joint Ductile Iron Pipe	86.48	20.96
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*22.44*	
		For Cement Lining, Add	*5.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.10*	
		Note: ANSI/AWWA C151/A21.51		
		For >1000, Deduct	*-4.32*	
		For Class 51, Add	*4.91*	
		For Class 52, Add	*10.63*	
		For Class 53, Add	*16.12*	
		For Class 54, Add	*21.66*	
		For Class 55, Add	*27.01*	
		For Class 56, Add	*33.80*	
33 11 13 13-0011	LF	18" Mechanical Joint Ductile Iron Pipe	107.23	24.45
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*28.78*	
		For Cement Lining, Add	*7.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.26*	
		Note: ANSI/AWWA C151/A21.51		
		For >1000, Deduct	*-5.36*	
		For Class 51, Add	*6.25*	
		For Class 52, Add	*13.54*	
		For Class 53, Add	*20.54*	
		For Class 54, Add	*27.59*	
		For Class 55, Add	*34.42*	
		For Class 56, Add	*43.07*	
33 11 13 13-0012	LF	20" Mechanical Joint Ductile Iron Pipe	121.74	29.33
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*29.37*	
		For Cement Lining, Add	*7.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.80*	
		Note: ANSI/AWWA C151/A21.51		
		For >1000, Deduct	*-6.09*	
		For Class 51, Add	*6.93*	
		For Class 52, Add	*15.00*	
		For Class 53, Add	*22.75*	
		For Class 54, Add	*30.57*	
		For Class 55, Add	*38.13*	
		For Class 56, Add	*47.70*	
33 11 13 13-0013	LF	24" Mechanical Joint Ductile Iron Pipe	159.30	36.67
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*32.16*	
		For Cement Lining, Add	*10.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.78*	
		Note: ANSI/AWWA C151/A21.51		
		For >1000, Deduct	*-7.97*	
		For Class 51, Add	*9.25*	
		For Class 52, Add	*20.03*	
		For Class 53, Add	*30.39*	
		For Class 54, Add	*40.82*	
		For Class 55, Add	*50.92*	
		For Class 56, Add	*63.71*	

33 11 13 13-0014 90 Degree Elbow, Mechanical Joint Ductile Iron *(33 11 13 13-0002)*

33 11 13 13-0015	EA	4" 90 Degree Elbow, Mechanical Joint Ductile Iron	345.73	33.53
		For Cement Lining, Add	*29.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.12*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0016	EA	6" 90 Degree Elbow, Mechanical Joint Ductile Iron	471.66	49.54
		For Cement Lining, Add	*39.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.75*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0017	EA	8" 90 Degree Elbow, Mechanical Joint Ductile Iron	648.44	58.77
		For Cement Lining, Add	*55.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*41.95*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0018	EA	10" 90 Degree Elbow, Mechanical Joint Ductile Iron	983.34	65.04
		For Cement Lining, Add	*88.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*66.36*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0019	EA	12" 90 Degree Elbow, Mechanical Joint Ductile Iron	1,325.82	76.30
		For Cement Lining, Add	*121.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*90.77*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0020	EA	14" 90 Degree Elbow, Mechanical Joint Ductile Iron	1,460.31	85.57
		For Cement Lining, Add	*133.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*99.80*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0021	EA	16" 90 Degree Elbow, Mechanical Joint Ductile Iron	1,652.95	97.79
		For Cement Lining, Add	*150.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*112.86*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0022	EA	18" 90 Degree Elbow, Mechanical Joint Ductile Iron	2,520.53	136.90
		For Cement Lining, Add	*231.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*173.49*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0023	EA	20" 90 Degree Elbow, Mechanical Joint Ductile Iron	2,870.88	171.12
		For Cement Lining, Add	*261.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*195.87*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0024	EA	24" 90 Degree Elbow, Mechanical Joint Ductile Iron	5,071.06	227.87
		For Cement Lining, Add	*472.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*354.43*	
		Note: ANSI/AWWA C151/A21.51		

33 11 13 13-0025 45 Degree Elbow, Mechanical Joint Ductile Iron *(33 11 13 13-0002)*

33 11 13 13-0026	EA	4" 45 Degree Elbow, Mechanical Joint Ductile Iron	327.42	33.53
		For Cement Lining, Add	*27.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.75*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0027	EA	6" 45 Degree Elbow, Mechanical Joint Ductile Iron	380.13	49.54
		For Cement Lining, Add	*30.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.88*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0028	EA	8" 45 Degree Elbow, Mechanical Joint Ductile Iron	516.13	58.77
		For Cement Lining, Add	*42.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.03*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0029	EA	10" 45 Degree Elbow, Mechanical Joint Ductile Iron	648.75	65.04
		For Cement Lining, Add	*55.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*41.27*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0030	EA	12" 45 Degree Elbow, Mechanical Joint Ductile Iron	868.16	76.30
		For Cement Lining, Add	*75.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*56.45*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0031	EA	14" 45 Degree Elbow, Mechanical Joint Ductile Iron	1,001.71	85.57
		For Cement Lining, Add	*87.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*65.41*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0032	EA	16" 45 Degree Elbow, Mechanical Joint Ductile Iron	1,139.72	97.79
		For Cement Lining, Add	*99.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*74.37*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0033	EA	18" 45 Degree Elbow, Mechanical Joint Ductile Iron	1,419.80	136.90
		For Cement Lining, Add	*121.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*90.93*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0034	EA	20" 45 Degree Elbow, Mechanical Joint Ductile Iron	2,348.55	171.12
		For Cement Lining, Add	*208.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*156.70*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0035	EA	24" 45 Degree Elbow, Mechanical Joint Ductile Iron	3,889.62	227.87
		For Cement Lining, Add	*354.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*265.82*	
		Note: ANSI/AWWA C151/A21.51		

33 11 13 13-0036 22-1/2 Degree Elbow, Mechanical Joint Ductile Iron *(33 11 13 13-0002)*

33 11 13 13-0037	EA	4" 22-1/2 Degree Elbow, Mechanical Joint Ductile Iron	349.99	33.53
		For Cement Lining, Add	*29.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.44*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0038	EA	6" 22-1/2 Degree Elbow, Mechanical Joint Ductile Iron	414.23	49.54
		For Cement Lining, Add	*33.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.44*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0039	EA	8" 22-1/2 Degree Elbow, Mechanical Joint Ductile Iron	506.32	58.77
		For Cement Lining, Add	*41.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*31.29*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0040	EA	10" 22-1/2 Degree Elbow, Mechanical Joint Ductile Iron	593.74	65.04
		For Cement Lining, Add	*49.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.14*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0041	EA	12" 22-1/2 Degree Elbow, Mechanical Joint Ductile Iron	792.90	76.30
		For Cement Lining, Add	*67.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*50.80*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0042	EA	14" 22-1/2 Degree Elbow, Mechanical Joint Ductile Iron	824.05	85.57
		For Cement Lining, Add	*69.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*52.08*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0043	EA	16" 22-1/2 Degree Elbow, Mechanical Joint Ductile Iron	971.32	97.79
		For Cement Lining, Add	*82.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*61.74*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0044	EA	18" 22-1/2 Degree Elbow, Mechanical Joint Ductile Iron	1,760.70	136.90
		For Cement Lining, Add	*155.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*116.50*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0045	EA	20" 22-1/2 Degree Elbow, Mechanical Joint Ductile Iron	2,181.01	171.12
		For Cement Lining, Add	*192.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*144.13*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0046	EA	24" 22-1/2 Degree Elbow, Mechanical Joint Ductile Iron	3,026.64	227.87
		For Cement Lining, Add	*268.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*201.10*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0047	EA	30" 22-1/2 Degree Elbow, Mechanical Joint Ductile Iron	6,130.84	244.46
		For Cement Lining, Add	*576.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*432.03*	
		Note: ANSI/AWWA C151/A21.51		

33 11 13 13-0048 Tee, Mechanical Joint Ductile Iron *(33 11 13 13-0002)*

33 11 13 13-0049	EA	4" x 3" Tee, Mechanical Joint Ductile Iron	381.30	49.54
		For Cement Lining, Add	*30.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.97*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0050	EA	4" x 4" Tee, Mechanical Joint Ductile Iron	400.47	49.54
		For Cement Lining, Add	*32.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.41*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0051	EA	6" x 3" Tee, Mechanical Joint Ductile Iron	479.83	72.76
		For Cement Lining, Add	*36.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.72*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0052	EA	6" x 4" Tee, Mechanical Joint Ductile Iron	497.18	72.76
		For Cement Lining, Add	*38.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.03*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0053	EA	6" x 6" Tee, Mechanical Joint Ductile Iron	543.43	72.76
		For Cement Lining, Add	*43.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.49*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0054	EA	8" x 4" Tee, Mechanical Joint Ductile Iron	528.76	88.23
		For Cement Lining, Add	*39.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.63*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0055	EA	8" x 6" Tee, Mechanical Joint Ductile Iron	578.17	88.23
		For Cement Lining, Add	*44.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.34*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0056	EA	8" x 8" Tee, Mechanical Joint Ductile Iron	609.62	88.23
		For Cement Lining, Add	*47.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.70*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0057	EA	10" x 4" Tee, Mechanical Joint Ductile Iron	654.42	97.79
		For Cement Lining, Add	*50.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.97*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0058	EA	10" x 6" Tee, Mechanical Joint Ductile Iron	683.71	97.79
		For Cement Lining, Add	*53.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*40.17*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0059	EA	10" x 8" Tee, Mechanical Joint Ductile Iron	704.63	97.79
		For Cement Lining, Add	*55.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*41.74*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0060	EA	10" x 10" Tee, Mechanical Joint Ductile Iron	767.40	97.79
		For Cement Lining, Add	*61.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.44*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0061	EA	12" x 4" Tee, Mechanical Joint Ductile Iron	804.84	113.94
		For Cement Lining, Add	*63.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*47.42*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0062	EA	12" x 6" Tee, Mechanical Joint Ductile Iron	805.27	112.45
		For Cement Lining, Add	*63.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*47.62*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0063	EA	12" x 8" Tee, Mechanical Joint Ductile Iron	817.85	112.45
		For Cement Lining, Add	*64.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*48.56*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0064	EA	12" x 10" Tee, Mechanical Joint Ductile Iron	911.16	112.45
		For Cement Lining, Add	*74.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*55.56*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0065	EA	12" x 12" Tee, Mechanical Joint Ductile Iron	998.81	112.45
		For Cement Lining, Add	*82.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*62.13*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0066	EA	14" x 4" Tee, Mechanical Joint Ductile Iron	2,294.79	136.75
		For Cement Lining, Add	*208.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*156.57*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0067	EA	14" x 6" Tee, Mechanical Joint Ductile Iron	2,365.91	136.75
		For Cement Lining, Add	*215.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*161.91*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0068	EA	14" x 8" Tee, Mechanical Joint Ductile Iron	2,444.16	136.75
		For Cement Lining, Add	*223.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*167.78*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0069	EA	14" x 10" Tee, Mechanical Joint Ductile Iron	2,518.85	136.75
		For Cement Lining, Add	*231.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*173.38*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0070	EA	14" x 12" Tee, Mechanical Joint Ductile Iron	2,661.09	136.75
		For Cement Lining, Add	*245.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*184.04*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0071	EA	14" x 14" Tee, Mechanical Joint Ductile Iron	2,806.92	136.75
		For Cement Lining, Add	*259.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*194.98*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0072	EA	16" x 4" Tee, Mechanical Joint Ductile Iron	2,833.74	170.91
		For Cement Lining, Add	*257.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*193.11*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0073	EA	16" x 6" Tee, Mechanical Joint Ductile Iron	2,901.32	170.91
		For Cement Lining, Add	*264.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*198.18*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0074	EA	16" x 8" Tee, Mechanical Joint Ductile Iron	2,958.23	170.91
		For Cement Lining, Add	*269.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*202.45*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0075	EA	16" x 10" Tee, Mechanical Joint Ductile Iron	3,057.81	170.91
		For Cement Lining, Add	*279.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*209.92*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0076	EA	16" x 12" Tee, Mechanical Joint Ductile Iron	3,150.27	170.91
		For Cement Lining, Add	*289.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*216.85*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0077	EA	16" x 14" Tee, Mechanical Joint Ductile Iron	3,320.98	170.91
		For Cement Lining, Add	*306.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*229.66*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0078	EA	16" x 16" Tee, Mechanical Joint Ductile Iron	3,470.35	170.91
		For Cement Lining, Add	*321.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*240.86*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0079	EA	18" x 6" Or 4" Tee, Mechanical Joint Ductile Iron	3,468.49	228.31
		For Cement Lining, Add	*312.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*234.19*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0080	EA	18" x 8" Tee, Mechanical Joint Ductile Iron	3,543.17	228.31
		For Cement Lining, Add	*319.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*239.79*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0081	EA	18" x 10" Tee, Mechanical Joint Ductile Iron	3,624.97	228.31
		For Cement Lining, Add	*327.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*245.93*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0082	EA	18" x 12" Tee, Mechanical Joint Ductile Iron	3,724.55	228.31
		For Cement Lining, Add	*337.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*253.40*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0083	EA	18" x 14" Tee, Mechanical Joint Ductile Iron	4,282.91	228.31
		For Cement Lining, Add	*393.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*295.27*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0084	EA	18" x 16" Tee, Mechanical Joint Ductile Iron	4,435.84	228.31
		For Cement Lining, Add	*408.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*306.74*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0085	EA	18" x 18" Tee, Mechanical Joint Ductile Iron	4,663.45	228.31
		For Cement Lining, Add	*431.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*323.81*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0086	EA	20" x 6" Tee, Mechanical Joint Ductile Iron	4,292.14	342.40
		For Cement Lining, Add	*377.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*283.00*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0087	EA	20" x 8" Tee, Mechanical Joint Ductile Iron	4,349.04	342.40
		For Cement Lining, Add	*383.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*287.27*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0088	EA	20" x 10" Tee, Mechanical Joint Ductile Iron	4,452.18	342.40
		For Cement Lining, Add	*393.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*295.01*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0089	EA	20" x 12" Tee, Mechanical Joint Ductile Iron	4,551.76	342.40
		For Cement Lining, Add	*403.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*302.47*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0090	EA	20" x 14" Tee, Mechanical Joint Ductile Iron	4,686.90	342.40
		For Cement Lining, Add	*416.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*312.61*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0091	EA	20" x 16" Tee, Mechanical Joint Ductile Iron	5,376.85	342.40
		For Cement Lining, Add	*485.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*364.36*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0092	EA	20" x 18" Tee, Mechanical Joint Ductile Iron	5,622.24	342.40
		For Cement Lining, Add	*510.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*382.76*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0093	EA	20" x 20" Tee, Mechanical Joint Ductile Iron	5,807.17	342.40
		For Cement Lining, Add	*528.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*396.63*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0094	EA	24" x 8" Tee, Mechanical Joint Ductile Iron	5,826.52	456.11
		For Cement Lining, Add	*513.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*385.16*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0095	EA	24" x 10" Tee, Mechanical Joint Ductile Iron	5,929.65	456.11
		For Cement Lining, Add	*523.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*392.90*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0096	EA	24" x 12" Tee, Mechanical Joint Ductile Iron	5,983.00	456.11
		For Cement Lining, Add	*529.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*396.90*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0097	EA	24" x 14" Tee, Mechanical Joint Ductile Iron	6,135.93	456.11
		For Cement Lining, Add	*544.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*408.37*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0098	EA	24" x 16" Tee, Mechanical Joint Ductile Iron	6,249.73	456.11
		For Cement Lining, Add	*555.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*416.90*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0099	EA	24" x 18" Tee, Mechanical Joint Ductile Iron	7,771.88	456.11
		For Cement Lining, Add	*708.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*531.06*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0100	EA	24" x 20" Tee, Mechanical Joint Ductile Iron	8,027.94	456.11
		For Cement Lining, Add	*733.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*550.27*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0101	EA	24" x 24" Tee, Mechanical Joint Ductile Iron	8,465.38	456.11
		For Cement Lining, Add	*777.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*583.08*	
		Note: ANSI/AWWA C151/A21.51		

33 11 13 13-0102 Mechanical Joint x Flanged End Hydrant Tee *(33 11 13 13-0002)*

33 11 13 13-0103	EA	6" x 6" Mechanical Joint x Flanged End Hydrant Tee	511.82	72.76
		For Cement Lining, Add	*40.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.12*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*30.12*	
33 11 13 13-0104	EA	8" x 6" Mechanical Joint x Flanged End Hydrant Tee	629.34	88.23
		For Cement Lining, Add	*49.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.18*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*37.18*	
33 11 13 13-0105	EA	10" x 6" Mechanical Joint x Flanged End Hydrant Tee	752.82	97.79
		For Cement Lining, Add	*60.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*45.35*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*45.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0106	EA	12" x 6" Mechanical Joint x Flanged End Hydrant Tee	879.09	112.45
		For Cement Lining, Add	*70.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*53.15*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*53.15*	

33 11 13 13-0107 Cross, Mechanical Joint Ductile Iron *(33 11 13 13-0002)*

33 11 13 13-0108	EA	4" x 3" Cross, Mechanical Joint Ductile Iron	365.74	61.89
		For Cement Lining, Add	*27.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.40*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0109	EA	4" x 4" Cross, Mechanical Joint Ductile Iron	527.25	61.89
		For Cement Lining, Add	*43.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.51*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0110	EA	6" x 3" Cross, Mechanical Joint Ductile Iron	632.22	103.15
		For Cement Lining, Add	*47.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.69*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0111	EA	6" x 4" Cross, Mechanical Joint Ductile Iron	657.51	103.15
		For Cement Lining, Add	*50.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.59*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0112	EA	6" x 6" Cross, Mechanical Joint Ductile Iron	682.78	103.15
		For Cement Lining, Add	*52.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.49*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0113	EA	8" x 4" Cross, Mechanical Joint Ductile Iron	660.20	118.62
		For Cement Lining, Add	*48.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*36.03*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0114	EA	8" x 6" Cross, Mechanical Joint Ductile Iron	767.98	118.62
		For Cement Lining, Add	*58.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*44.12*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0115	EA	8" x 8" Cross, Mechanical Joint Ductile Iron	865.19	118.62
		For Cement Lining, Add	*68.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*51.41*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0116	EA	10" x 4" Cross, Mechanical Joint Ductile Iron	846.09	130.38
		For Cement Lining, Add	*64.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*48.64*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0117	EA	10" x 6" Cross, Mechanical Joint Ductile Iron	846.09	130.38
		For Cement Lining, Add	*64.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*48.64*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0118	EA	10" x 8" Cross, Mechanical Joint Ductile Iron	902.89	130.38
		For Cement Lining, Add	*70.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*52.90*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0119	EA	10" x 10" Cross, Mechanical Joint Ductile Iron	1,048.60	130.38
		For Cement Lining, Add	*85.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*63.83*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0120	EA	12 x 4" Cross, Mechanical Joint Ductile Iron	966.99	146.68
		For Cement Lining, Add	*74.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*55.86*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0121	EA	12" x 6" Cross, Mechanical Joint Ductile Iron	1,042.32	146.68
		For Cement Lining, Add	*82.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*61.51*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0122	EA	12" x 8" Cross, Mechanical Joint Ductile Iron	1,071.59	146.68
		For Cement Lining, Add	*84.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*63.70*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0123	EA	12" x 10" Cross, Mechanical Joint Ductile Iron	1,234.79	146.68
		For Cement Lining, Add	*101.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*75.94*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0124	EA	12" x 12" Cross, Mechanical Joint Ductile Iron	1,290.59	146.68
		For Cement Lining, Add	*106.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*80.13*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0125	EA	14" x 4" Cross, Mechanical Joint Ductile Iron	2,517.60	171.12
		For Cement Lining, Add	*225.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*169.37*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0126	EA	14" x 6" Cross, Mechanical Joint Ductile Iron	2,634.96	171.12
		For Cement Lining, Add	*237.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*178.18*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0127	EA	14" x 8" Cross, Mechanical Joint Ductile Iron	2,766.55	171.12
		For Cement Lining, Add	*250.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*188.05*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0128	EA	14" x 10" Cross, Mechanical Joint Ductile Iron	2,958.60	171.12
		For Cement Lining, Add	*269.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*202.45*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0129	EA	14" x 12" Cross, Mechanical Joint Ductile Iron	3,179.09	171.12
		For Cement Lining, Add	*291.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*218.99*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0130	EA	14" x 14" Cross, Mechanical Joint Ductile Iron	3,474.28	171.12
		For Cement Lining, Add	*321.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*241.13*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0131	EA	16" x 4" Cross, Mechanical Joint Ductile Iron	2,142.64	205.35
		For Cement Lining, Add	*183.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*137.37*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0132	EA	16" x 6" Cross, Mechanical Joint Ductile Iron	3,152.66	205.35
		For Cement Lining, Add	*284.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*213.12*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0133	EA	16" x 8" Cross, Mechanical Joint Ductile Iron	3,305.59	205.35
		For Cement Lining, Add	*299.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*224.59*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0134	EA	16" x 10" Cross, Mechanical Joint Ductile Iron	3,504.75	205.35
		For Cement Lining, Add	*319.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*239.53*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0135	EA	16" x 12" Cross, Mechanical Joint Ductile Iron	3,696.80	205.35
		For Cement Lining, Add	*338.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*253.93*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0136	EA	16" x 14" Cross, Mechanical Joint Ductile Iron	3,991.98	205.35
		For Cement Lining, Add	*368.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*276.07*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0137	EA	16" x 16" Cross, Mechanical Joint Ductile Iron	4,258.71	205.35
		For Cement Lining, Add	*394.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*296.07*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0138	EA	18" x 6" Cross, Mechanical Joint Ductile Iron	3,723.69	260.61
		For Cement Lining, Add	*332.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*249.66*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0139	EA	18" x 8" Cross, Mechanical Joint Ductile Iron	3,873.06	260.61
		For Cement Lining, Add	*347.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*260.86*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0140	EA	18" x 10" Cross, Mechanical Joint Ductile Iron	4,036.66	260.61
		For Cement Lining, Add	*364.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*273.13*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0141	EA	18" x 12" Cross, Mechanical Joint Ductile Iron	4,239.37	260.61
		For Cement Lining, Add	*384.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*288.34*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0142	EA	18" x 14" Cross, Mechanical Joint Ductile Iron	4,972.00	260.61
		For Cement Lining, Add	*457.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*343.28*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0143	EA	18" x 16" Cross, Mechanical Joint Ductile Iron	5,277.85	260.61
		For Cement Lining, Add	*488.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*366.22*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0144	EA	18" x 18" Cross, Mechanical Joint Ductile Iron	5,711.73	260.61
		For Cement Lining, Add	*531.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*398.76*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0145	EA	20" x 6" Cross, Mechanical Joint Ductile Iron	4,512.84	351.88
		For Cement Lining, Add	*397.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*298.47*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0146	EA	20" x 8" Cross, Mechanical Joint Ductile Iron	4,672.88	351.88
		For Cement Lining, Add	*413.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*310.48*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0147	EA	20" x 10" Cross, Mechanical Joint Ductile Iron	4,829.36	351.88
		For Cement Lining, Add	*429.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*322.21*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0148	EA	20" x 12" Cross, Mechanical Joint Ductile Iron	5,035.63	351.88
		For Cement Lining, Add	*450.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*337.68*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0149	EA	20" x 14" Cross, Mechanical Joint Ductile Iron	5,309.48	351.88
		For Cement Lining, Add	*477.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*358.22*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0150	EA	20" x 16" Cross, Mechanical Joint Ductile Iron	6,159.46	351.88
		For Cement Lining, Add	*562.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*421.97*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0151	EA	20" x 18" Cross, Mechanical Joint Ductile Iron	6,611.13	351.88
		For Cement Lining, Add	*607.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*455.84*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0152	EA	20" x 20" Cross, Mechanical Joint Ductile Iron	6,995.22	351.88
		For Cement Lining, Add	*646.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*484.65*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0153	EA	24" x 8" Cross, Mechanical Joint Ductile Iron	6,102.83	464.78
		For Cement Lining, Add	*539.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*404.90*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0154	EA	24" x 10" Cross, Mechanical Joint Ductile Iron	6,309.10	464.78
		For Cement Lining, Add	*560.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*420.37*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0155	EA	24" x 12" Cross, Mechanical Joint Ductile Iron	6,444.25	464.78
		For Cement Lining, Add	*574.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*430.51*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0156	EA	24" x 14" Cross, Mechanical Joint Ductile Iron	6,725.21	464.78
		For Cement Lining, Add	*602.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*451.58*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0157	EA	24" x 16" Cross, Mechanical Joint Ductile Iron	6,963.49	464.78
		For Cement Lining, Add	*625.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*469.45*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0158	EA	24" x 18" Cross, Mechanical Joint Ductile Iron	8,855.50	464.78
		For Cement Lining, Add	*815.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*611.35*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0159	EA	24" x 20" Cross, Mechanical Joint Ductile Iron	9,282.28	464.78
		For Cement Lining, Add	*857.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*643.36*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0160	EA	24" x 24" Cross, Mechanical Joint Ductile Iron	10,118.04	464.78
		For Cement Lining, Add	*941.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*706.04*	
		Note: ANSI/AWWA C151/A21.51		

33 11 13 13-0161 Mechanical Joint x Mechanical Joint Reducers, Ductile Iron *(33 11 13 13-0002)*

33 11 13 13-0162	EA	6" x 3" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	258.85	46.89
		For Cement Lining, Add	*19.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.43*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0163	EA	6" x 4" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	267.44	49.54
		For Cement Lining, Add	*19.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.43*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0164	EA	8" x 4" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	313.81	62.51
		For Cement Lining, Add	*22.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.50*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0165	EA	8" x 6" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	335.49	62.51
		For Cement Lining, Add	*24.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.13*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0166	EA	10" x 4" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	349.58	65.04
		For Cement Lining, Add	*25.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.83*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0167	EA	10" x 6" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	374.68	65.04
		For Cement Lining, Add	*27.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.71*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0168	EA	10" x 8" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	403.96	65.04
		For Cement Lining, Add	*30.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.91*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0169	EA	12" x 4" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	446.09	76.30
		For Cement Lining, Add	*33.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.79*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0170	EA	12" x 6" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	462.84	76.30
		For Cement Lining, Add	*34.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.05*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0171	EA	12" x 8" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	487.95	76.30
		For Cement Lining, Add	*37.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.93*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0172	EA	12" x 10" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	525.58	76.30
		For Cement Lining, Add	*41.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.75*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0173	EA	14" x 6" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	1,128.99	85.57
		For Cement Lining, Add	*99.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*74.95*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0174	EA	14" x 8" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	1,228.57	85.57
		For Cement Lining, Add	*109.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*82.42*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0175	EA	14" x 10" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	1,321.03	85.57
		For Cement Lining, Add	*119.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*89.36*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0176	EA	14" x 12" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	1,445.51	85.57
		For Cement Lining, Add	*131.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*98.69*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0177	EA	16" x 6" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	1,332.45	97.79
		For Cement Lining, Add	*118.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*88.82*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0178	EA	16" x 8" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	1,432.03	97.79
		For Cement Lining, Add	*128.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*96.29*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0179	EA	16" x 10" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	1,570.73	97.79
		For Cement Lining, Add	*142.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*106.69*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0180	EA	16" x 12" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	1,698.76	97.79
		For Cement Lining, Add	*155.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*116.30*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0181	EA	16" x 14" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	1,876.58	97.79
		For Cement Lining, Add	*172.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*129.63*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0182	EA	18" x 8" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	1,825.56	136.90
		For Cement Lining, Add	*161.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*121.36*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0183	EA	18" x 10" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	1,967.82	136.90
		For Cement Lining, Add	*176.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*132.03*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0184	EA	18" x 12" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	2,095.85	136.90
		For Cement Lining, Add	*188.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*141.63*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0185	EA	18" x 14" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	2,273.67	136.90
		For Cement Lining, Add	*206.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*154.97*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0186	EA	18" x 16" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	2,447.94	136.90
		For Cement Lining, Add	*224.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*168.04*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0187	EA	20" x 10" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	2,272.21	171.12
		For Cement Lining, Add	*201.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*150.97*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0188	EA	20" x 12" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	2,418.02	171.12
		For Cement Lining, Add	*215.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*161.91*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0189	EA	20" x 14" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	2,570.95	171.12
		For Cement Lining, Add	*231.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*173.38*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0190	EA	20" x 16" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	2,777.22	171.12
		For Cement Lining, Add	*251.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*188.85*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0191	EA	20" x 18" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	3,033.28	171.12
		For Cement Lining, Add	*277.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*208.05*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0192	EA	24" x 12" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	3,226.00	227.87
		For Cement Lining, Add	*288.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*216.05*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0193	EA	24" x 14" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	3,378.93	227.87
		For Cement Lining, Add	*303.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*227.52*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0194	EA	24" x 16" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	3,578.09	227.87
		For Cement Lining, Add	*323.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*242.46*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0195	EA	24" x 18" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	3,855.49	227.87
		For Cement Lining, Add	*351.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*263.26*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0196	EA	24" x 20" Mechanical Joint x Mechanical Joint Reducer, Ductile Iron	4,079.54	227.87
		For Cement Lining, Add	*373.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*280.07*	
		Note: ANSI/AWWA C151/A21.51		

33 11 13 13-0197 Mechanical Joint x Plain End Offsets, Ductile Iron *(33 11 13 13-0002)*

33 11 13 13-0198	EA	4" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	768.56	113.47
		For Cement Lining, Add	*59.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*44.75*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0199	EA	4" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	792.53	113.47
		For Cement Lining, Add	*62.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.55*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0200	EA	6" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	949.43	141.84
		For Cement Lining, Add	*73.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*55.09*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0201	EA	6" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	1,048.30	141.84
		For Cement Lining, Add	*83.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*62.50*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0202	EA	6" Diameter x 18" Mechanical Joint x Plain End Offset, Ductile Iron	1,172.43	141.84
		For Cement Lining, Add	*95.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*71.81*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0203	EA	8" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	1,220.85	162.08
		For Cement Lining, Add	*97.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*73.14*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0204	EA	8" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	1,469.24	162.08
		For Cement Lining, Add	*122.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*91.77*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0205	EA	8" Diameter x 18" Mechanical Joint x Plain End Offset, Ductile Iron	1,577.61	162.08
		For Cement Lining, Add	*133.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*99.90*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0206	EA	10" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	1,618.55	189.11
		For Cement Lining, Add	*133.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*99.90*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0207	EA	10" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	1,971.06	189.11
		For Cement Lining, Add	*168.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*126.34*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0208	EA	10" Diameter x 18" Mechanical Joint x Plain End Offset, Ductile Iron	2,273.35	189.11
		For Cement Lining, Add	*198.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*149.01*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0209	EA	12" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	2,351.74	206.31
		For Cement Lining, Add	*203.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*152.94*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0210	EA	12" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	2,617.71	206.31
		For Cement Lining, Add	*230.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*172.88*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0211	EA	12" Diameter x 18" Mechanical Joint x Plain End Offset, Ductile Iron	3,132.11	206.31
		For Cement Lining, Add	*281.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*211.46*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0212	EA	14" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	3,961.13	226.94
		For Cement Lining, Add	*361.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*271.30*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0213	EA	14" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	5,025.04	226.94
		For Cement Lining, Add	*468.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*351.09*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0214	EA	14" Diameter x 18" Mechanical Joint x Plain End Offset, Ductile Iron	2,870.62	226.94
		For Cement Lining, Add	*252.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*189.51*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0215	EA	16" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	2,332.55	252.18
		For Cement Lining, Add	*195.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*146.29*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0216	EA	16" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	2,953.16	252.18
		For Cement Lining, Add	*257.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*192.83*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0217	EA	16" Diameter x 18" Mechanical Joint x Plain End Offset, Ductile Iron	3,440.79	252.18
		For Cement Lining, Add	*305.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*229.41*	
		Note: ANSI/AWWA C151/A21.51		

33 11 13 13-0218 Mechanical Joint Caps, Ductile Iron *(33 11 13 13-0002)*

33 11 13 13-0219	EA	4" Mechanical Joint Cap, Ductile Iron	227.25	75.65
		For Cement Lining, Add	*11.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.45*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0220	EA	6" Mechanical Joint Cap, Ductile Iron	293.46	94.56
		For Cement Lining, Add	*15.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.26*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0221	EA	8" Mechanical Joint Cap, Ductile Iron	359.81	108.08
		For Cement Lining, Add	*19.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.71*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0222	EA	10" Mechanical Joint Cap, Ductile Iron	505.60	162.97
		For Cement Lining, Add	*25.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.40*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0223	EA	12" Mechanical Joint Cap, Ductile Iron	594.79	177.79
		For Cement Lining, Add	*32.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.41*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0224	EA	14" Mechanical Joint Cap, Ductile Iron	934.67	195.57
		For Cement Lining, Add	*63.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*47.88*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0225	EA	16" Mechanical Joint Cap, Ductile Iron	1,191.01	217.27
		For Cement Lining, Add	*86.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*64.63*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0226	EA	18" Mechanical Joint Cap, Ductile Iron	1,576.16	244.46
		For Cement Lining, Add	*120.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*90.43*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0227	EA	20" Mechanical Joint Cap, Ductile Iron	1,827.67	279.36
		For Cement Lining, Add	*140.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*105.33*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0228	EA	24" Mechanical Joint Cap, Ductile Iron	2,525.93	325.95
		For Cement Lining, Add	*203.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*152.40*	
		Note: ANSI/AWWA C151/A21.51		

33 11 13 13-0229 Flanged End x Mechanical Joint Adapters, Ductile Iron *(33 11 13 13-0002)*

33 11 13 13-0230	EA	4" Flanged End x Mechanical Joint Adapters, Ductile Iron	427.45	113.47
		For Cement Lining, Add	*25.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.16*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0231	EA	6" Flanged End x Mechanical Joint Adapters, Ductile Iron	547.69	141.84
		For Cement Lining, Add	*33.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.96*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0232	EA	8" Flanged End x Mechanical Joint Adapters, Ductile Iron	691.29	162.08
		For Cement Lining, Add	*44.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.43*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0233	EA	10" Flanged End x Mechanical Joint Adapters, Ductile Iron	958.71	244.46
		For Cement Lining, Add	*58.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*44.12*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0234	EA	12" Flanged End x Mechanical Joint Adapters, Ductile Iron	1,140.95	266.69
		For Cement Lining, Add	*73.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*55.27*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0235	EA	14" Flanged End x Mechanical Joint Adapters, Ductile Iron	1,484.43	293.36
		For Cement Lining, Add	*104.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*78.00*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0236	EA	16" Flanged End x Mechanical Joint Adapters, Ductile Iron	1,753.69	325.95
		For Cement Lining, Add	*125.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*94.49*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0237	EA	18" Flanged End x Mechanical Joint Adapters, Ductile Iron	2,192.77	366.69
		For Cement Lining, Add	*163.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*122.79*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0238	EA	20" Flanged End x Mechanical Joint Adapters, Ductile Iron	2,566.30	419.07
		For Cement Lining, Add	*193.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*144.85*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0239	EA	24" Flanged End x Mechanical Joint Adapters, Ductile Iron	3,266.38	488.93
		For Cement Lining, Add	*252.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*189.42*	
		Note: ANSI/AWWA C151/A21.51		

33 11 13 13-0240 Mechanical Joint x Push-On Joint Adapters, Ductile Iron *(33 11 13 13-0002)*

33 11 13 13-0241	EA	4" Mechanical Joint x Push-On Joint Adapter, Ductile Iron	411.30	113.47
		For Cement Lining, Add	*23.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.95*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0242	EA	6" Mechanical Joint x Push-On Joint Adapter, Ductile Iron	503.05	141.84
		For Cement Lining, Add	*28.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.61*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0243	EA	8" Mechanical Joint x Push-On Joint Adapter, Ductile Iron	666.73	162.08
		For Cement Lining, Add	*42.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*31.58*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0244	EA	10" Mechanical Joint x Push-On Joint Adapter, Ductile Iron	924.52	244.46
		For Cement Lining, Add	*55.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*41.56*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0245	EA	12" Mechanical Joint x Push-On Joint Adapter, Ductile Iron	1,135.51	266.69
		For Cement Lining, Add	*73.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*54.86*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0246	EA	14" Mechanical Joint x Push-On Joint Adapter, Ductile Iron	1,353.23	293.36
		For Cement Lining, Add	*90.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*68.16*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0247	EA	16" Mechanical Joint x Push-On Joint Adapter, Ductile Iron	1,602.11	325.95
		For Cement Lining, Add	*110.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*83.12*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0248	EA	18" Mechanical Joint x Push-On Joint Adapter, Ductile Iron	1,885.48	366.69
		For Cement Lining, Add	*132.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*99.74*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0249	EA	20" Mechanical Joint x Push-On Joint Adapter, Ductile Iron	2,230.83	419.07
		For Cement Lining, Add	*159.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*119.69*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0250	EA	24" Mechanical Joint x Push-On Joint Adapter, Ductile Iron	2,846.45	488.93
		For Cement Lining, Add	*210.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*157.92*	
		Note: ANSI/AWWA C151/A21.51		

33 11 13 13-0251 Mechanical Joint x Mechanical Joint Solid Sleeves, Ductile Irons *(33 11 13 13-0002)*

33 11 13 13-0252	EA	4" Mechanical Joint x Mechanical Joint Solid Sleeve, Ductile Iron	433.39	113.47
		For Cement Lining, Add	*26.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.61*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0253	EA	6" Mechanical Joint x Mechanical Joint Solid Sleeve, Ductile Iron	515.01	141.84
		For Cement Lining, Add	*30.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.51*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0254	EA	8" Mechanical Joint x Mechanical Joint Solid Sleeve, Ductile Iron	637.81	162.08
		For Cement Lining, Add	*39.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.42*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0255	EA	10" Mechanical Joint x Mechanical Joint Solid Sleeve, Ductile Iron	881.46	244.46
		For Cement Lining, Add	*51.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*38.33*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0256	EA	12" Mechanical Joint x Mechanical Joint Solid Sleeve, Ductile Iron	1,042.90	266.69
		For Cement Lining, Add	*63.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*47.91*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0257	EA	14" Mechanical Joint x Mechanical Joint Solid Sleeve, Ductile Iron	1,484.43	293.36
		For Cement Lining, Add	*104.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*78.00*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0258	EA	16" Mechanical Joint x Mechanical Joint Solid Sleeve, Ductile Iron	1,747.75	325.95
		For Cement Lining, Add	*125.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*94.04*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0259	EA	18" Mechanical Joint x Mechanical Joint Solid Sleeve, Ductile Iron	2,189.80	366.69
		For Cement Lining, Add	*163.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*122.57*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0260	EA	20" Mechanical Joint x Mechanical Joint Solid Sleeve, Ductile Iron	2,497.96	419.07
		For Cement Lining, Add	*186.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*139.72*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0261	EA	24" Mechanical Joint x Mechanical Joint Solid Sleeve, Ductile Iron	3,189.13	488.93
		For Cement Lining, Add	*244.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*183.62*	
		Note: ANSI/AWWA C151/A21.51		

33 11 13 13-0262 Pipe And Fitting Restaints, Mechanical Joint Ductile Iron (Megalug 1100) *(33 11 13 13-0002)*

Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts and bolts. Excludes pipe and fitting.

33 11 13 13-0263	EA	4" Pipe And Fitting Restraint, Mechanical Joint Ductile Iron (Megalug 1100)	125.23	58.22
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.78*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0264	EA	6" Pipe And Fitting Restraint, Mechanical Joint Ductile Iron (Megalug 1100)	152.33	72.05
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.24*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0265	EA	8" Pipe And Fitting Restraint, Mechanical Joint Ductile Iron (Megalug 1100)	193.85	84.08
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.99*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0266	EA	10" Pipe And Fitting Restraint, Mechanical Joint Ductile Iron (Megalug 1100)	283.64	122.23
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.38*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0267	EA	12" Pipe And Fitting Restraint, Mechanical Joint Ductile Iron (Megalug 1100)	354.79	139.72
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.73*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0268	EA	14" Pipe And Fitting Restraint, Mechanical Joint Ductile Iron (Megalug 1100)	410.44	150.38
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.69*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0269	EA	16" Pipe And Fitting Restraint, Mechanical Joint Ductile Iron (Megalug 1100)	508.02	162.97
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.58*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0270	EA	18" Pipe And Fitting Restraint, Mechanical Joint Ductile Iron (Megalug 1100)	666.19	195.57
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.74*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0271	EA	20" Pipe And Fitting Restraint, Mechanical Joint Ductile Iron (Megalug 1100)	786.65	217.20
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*34.31*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0272	EA	24" Pipe And Fitting Restraint, Mechanical Joint Ductile Iron (Megalug 1100)	919.11	250.62
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*40.45*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0273		Push-On Joint Ductile Iron Piping *(33 11 13 13-0001)*		
33 11 13 13-0274		Push-On Joint Ductile Iron Pipe *(33 11 13 13-0273)*		
		Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D class 50.		
33 11 13 13-0275	LF	4" Push-On Joint Ductile Iron Pipe	20.56	6.45
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*7.55*	
		For Cement Lining, Add	*1.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*0.81*	
		Note: ANSI/AWWA C151/A21.51		
		For >1000, Deduct	*-1.03*	
		For Class 51, Add	*1.01*	
		For Class 52, Add	*2.18*	
		For Class 53, Add	*3.31*	
		For Class 54, Add	*4.45*	
		For Class 55, Add	*5.55*	
		For Class 56, Add	*6.93*	
33 11 13 13-0276	LF	6" Push-On Joint Ductile Iron Pipe	26.49	7.11
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*11.05*	
		For Cement Lining, Add	*1.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.18*	
		Note: ANSI/AWWA C151/A21.51		
		For >1000, Deduct	*-1.32*	
		For Class 51, Add	*1.44*	
		For Class 52, Add	*3.10*	
		For Class 53, Add	*4.71*	
		For Class 54, Add	*6.33*	
		For Class 55, Add	*7.89*	
		For Class 56, Add	*9.87*	
33 11 13 13-0277	LF	8" Push-On Joint Ductile Iron Pipe	34.09	7.82
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*15.66*	
		For Cement Lining, Add	*2.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.68*	
		Note: ANSI/AWWA C151/A21.51		
		For >1000, Deduct	*-1.70*	
		For Class 51, Add	*1.99*	
		For Class 52, Add	*4.31*	
		For Class 53, Add	*6.54*	
		For Class 54, Add	*8.79*	
		For Class 55, Add	*10.96*	
		For Class 56, Add	*13.72*	
33 11 13 13-0278	LF	10" Push-On Joint Ductile Iron Pipe	46.18	11.04
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*17.71*	
		For Cement Lining, Add	*2.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.21*	
		Note: ANSI/AWWA C151/A21.51		
		For >1000, Deduct	*-2.31*	
		For Class 51, Add	*2.64*	
		For Class 52, Add	*5.72*	
		For Class 53, Add	*8.68*	
		For Class 54, Add	*11.65*	
		For Class 55, Add	*14.54*	
		For Class 56, Add	*18.19*	
33 11 13 13-0279	LF	12" Push-On Joint Ductile Iron Pipe	56.11	12.22
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*18.80*	
		For Cement Lining, Add	*3.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.82*	
		Note: ANSI/AWWA C151/A21.51		
		For >1000, Deduct	*-2.81*	
		For Class 51, Add	*3.33*	
		For Class 52, Add	*7.22*	
		For Class 53, Add	*10.95*	
		For Class 54, Add	*14.71*	
		For Class 55, Add	*18.35*	
		For Class 56, Add	*22.97*	
33 11 13 13-0280	LF	14" Push-On Joint Ductile Iron Pipe	67.91	13.78
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*20.72*	
		For Cement Lining, Add	*4.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.53*	
		Note: ANSI/AWWA C151/A21.51		
		For >1000, Deduct	*-3.40*	
		For Class 51, Add	*4.14*	
		For Class 52, Add	*8.98*	
		For Class 53, Add	*13.63*	
		For Class 54, Add	*18.31*	
		For Class 55, Add	*22.84*	
		For Class 56, Add	*28.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0281	LF	16" Push-On Joint Ductile Iron Pipe	79.15	15.70
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*22.70*	
		For Cement Lining, Add	*5.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.15*	
		Note: ANSI/AWWA C151/A21.51		
		For >1000, Deduct	*-3.96*	
		For Class 51, Add	*4.86*	
		For Class 52, Add	*10.54*	
		For Class 53, Add	*16.00*	
		For Class 54, Add	*21.49*	
		For Class 55, Add	*26.81*	
		For Class 56, Add	*33.57*	
33 11 13 13-0282	LF	18" Push-On Joint Ductile Iron Pipe	91.41	18.37
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*26.09*	
		For Cement Lining, Add	*6.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.77*	
		Note: ANSI/AWWA C151/A21.51		
		For >1000, Deduct	*-4.57*	
		For Class 51, Add	*5.59*	
		For Class 52, Add	*12.13*	
		For Class 53, Add	*18.40*	
		For Class 54, Add	*24.72*	
		For Class 55, Add	*30.84*	
		For Class 56, Add	*38.61*	
33 11 13 13-0283	LF	20" Push-On Joint Ductile Iron Pipe	105.91	22.00
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*27.58*	
		For Cement Lining, Add	*7.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.44*	
		Note: ANSI/AWWA C151/A21.51		
		For >1000, Deduct	*-5.30*	
		For Class 51, Add	*6.40*	
		For Class 52, Add	*13.87*	
		For Class 53, Add	*21.05*	
		For Class 54, Add	*28.28*	
		For Class 55, Add	*35.28*	
		For Class 56, Add	*44.16*	
33 11 13 13-0284	LF	24" Push-On Joint Ductile Iron Pipe	133.16	27.48
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*28.35*	
		For Cement Lining, Add	*9.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.86*	
		Note: ANSI/AWWA C151/A21.51		
		For >1000, Deduct	*-6.66*	
		For Class 51, Add	*8.06*	
		For Class 52, Add	*17.48*	
		For Class 53, Add	*26.52*	
		For Class 54, Add	*35.62*	
		For Class 55, Add	*44.43*	
		For Class 56, Add	*55.63*	

33 11 13 13-0285 Elbow, Push-On Joint Ductile Iron *(33 11 13 13-0273)*

33 11 13 13-0286	EA	4" Elbow, Push-On Joint Ductile Iron	179.40	25.16
		For Cement Lining, Add	*14.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.60*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0287	EA	6" Elbow, Push-On Joint Ductile Iron	259.90	37.12
		For Cement Lining, Add	*20.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.27*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0288	EA	8" Elbow, Push-On Joint Ductile Iron	349.30	44.07
		For Cement Lining, Add	*28.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.19*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0289	EA	10" Elbow, Push-On Joint Ductile Iron	527.86	48.74
		For Cement Lining, Add	*42.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.03*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0290	EA	12" Elbow, Push-On Joint Ductile Iron	683.18	57.19
		For Cement Lining, Add	*56.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*42.37*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0291	EA	14" Elbow, Push-On Joint Ductile Iron	1,371.71	64.15
		For Cement Lining, Add	*123.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*92.93*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0292	EA	16" Elbow, Push-On Joint Ductile Iron	1,550.39	73.34
		For Cement Lining, Add	*139.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*104.91*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0293	EA	18" Elbow, Push-On Joint Ductile Iron	2,419.66	102.67
		For Cement Lining, Add	*220.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*165.56*	
		Note: ANSI/AWWA C151/A21.51		

33 11 13 13-0294 Tee, Push-On Joint Ductile Iron *(33 11 13 13-0273)*

33 11 13 13-0295	EA	4" Tee, Push-On Joint Ductile Iron	274.70	37.12
		For Cement Lining, Add	*21.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.38*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0296	EA	6" Tee, Push-On Joint Ductile Iron	381.58	54.55
		For Cement Lining, Add	*29.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.42*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0297	EA	8" Tee, Push-On Joint Ductile Iron	524.00	66.11
		For Cement Lining, Add	*42.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*31.78*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0298	EA	10" Tee, Push-On Joint Ductile Iron	777.91	74.08
		For Cement Lining, Add	*66.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*50.01*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0299	EA	12" Tee, Push-On Joint Ductile Iron	970.52	85.41
		For Cement Lining, Add	*84.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*63.07*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0300	EA	14" Tee, Push-On Joint Ductile Iron	1,573.98	102.67
		For Cement Lining, Add	*141.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*106.38*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0301	EA	16" Tee, Push-On Joint Ductile Iron	2,281.33	128.38
		For Cement Lining, Add	*208.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*156.52*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0302	EA	18" Tee, Push-On Joint Ductile Iron	3,582.19	171.28
		For Cement Lining, Add	*332.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*249.20*	
		Note: ANSI/AWWA C151/A21.51		

33 11 13 13-0303 Flanged End x Push-On Joint Adapters, Ductile Iron *(33 11 13 13-0273)*

33 11 13 13-0304	EA	4" Flanged End x Push-On Joint Adapter, Ductile Iron	377.38	87.29
		For Cement Lining, Add	*24.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.38*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0305	EA	6" Flanged End x Push-On Joint Adapter, Ductile Iron	460.86	108.08
		For Cement Lining, Add	*29.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.28*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0306	EA	8" Flanged End x Push-On Joint Adapter, Ductile Iron	618.14	126.05
		For Cement Lining, Add	*42.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.03*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0307	EA	10" Flanged End x Push-On Joint Adapter, Ductile Iron	834.90	183.34
		For Cement Lining, Add	*55.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*41.78*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0308	EA	12" Flanged End x Push-On Joint Adapter, Ductile Iron	1,023.17	209.57
		For Cement Lining, Add	*70.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*52.93*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0309	EA	14" Flanged End x Push-On Joint Adapter, Ductile Iron	1,196.14	225.64
		For Cement Lining, Add	*85.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*64.07*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0310	EA	16" Flanged End x Push-On Joint Adapter, Ductile Iron	1,447.49	244.46
		For Cement Lining, Add	*107.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*80.78*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0311	EA	18" Flanged End x Push-On Joint Adapter, Ductile Iron	1,707.27	293.36
		For Cement Lining, Add	*126.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*94.71*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0312	EA	20" Flanged End x Push-On Joint Adapter, Ductile Iron	1,998.08	325.95
		For Cement Lining, Add	*150.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*112.82*	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0313	EA	24" Flanged End x Push-On Joint Adapter, Ductile Iron	2,538.32	376.10
		For Cement Lining, Add	*196.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*147.64*	
		Note: ANSI/AWWA C151/A21.51		

33 11 13 13-0314 Pipe And Fitting Restraints, Push-On Joint Ductile Iron *(33 11 13 13-0273)*

Note: Includes ductile iron follower gland, restraint ring and all nuts and bolts. Excludes pipe and fitting.

33 11 13 13-0315	EA	4" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	35.71	9.46
33 11 13 13-0316	EA	6" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	40.36	9.46
33 11 13 13-0317	EA	8" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	53.41	13.33
33 11 13 13-0318	EA	10" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	65.10	14.67
33 11 13 13-0319	EA	12" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	78.17	16.29
33 11 13 13-0320	EA	14" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	100.12	18.29
33 11 13 13-0321	EA	16" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	118.55	20.96
33 11 13 13-0322	EA	18" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	136.85	24.45
33 11 13 13-0323	EA	20" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	159.18	29.33
33 11 13 13-0324	EA	24" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	191.97	29.33

33 11 13 13-0325 Bell Restraint Harness, Ductile Iron (Megalug 1700) *(33 11 13 13-0273)*

33 11 13 13-0326	EA	4" Bell Restraint Harness, Ductile Iron (Megalug 1700)	129.30	50.01
33 11 13 13-0327	EA	6" Bell Restraint Harness, Ductile Iron (Megalug 1700)	166.99	61.04
33 11 13 13-0328	EA	8" Bell Restraint Harness, Ductile Iron (Megalug 1700)	212.21	74.45
33 11 13 13-0329	EA	10" Bell Restraint Harness, Ductile Iron (Megalug 1700)	305.62	90.82
33 11 13 13-0330	EA	12" Bell Restraint Harness, Ductile Iron (Megalug 1700)	377.86	110.75
33 11 13 13-0331	EA	14" Bell Restraint Harness, Ductile Iron (Megalug 1700)	614.26	135.12
33 11 13 13-0332	EA	16" Bell Restraint Harness, Ductile Iron (Megalug 1700)	708.35	164.91
33 11 13 13-0333	EA	18" Bell Restraint Harness, Ductile Iron (Megalug 1700)	813.56	201.12
33 11 13 13-0334	EA	20" Bell Restraint Harness, Ductile Iron (Megalug 1700)	1,086.98	245.42
33 11 13 13-0335	EA	24" Bell Restraint Harness, Ductile Iron (Megalug 1700)	1,377.46	299.36
33 11 13 13-0336	EA	30" Bell Restraint Harness, Ductile Iron (Megalug 1700)	2,276.21	365.29
33 11 13 13-0337	EA	36" Bell Restraint Harness, Ductile Iron (Megalug 1700)	3,181.15	445.59
33 11 13 13-0338	EA	42" Bell Restraint Harness, Ductile Iron (Megalug 1700)	5,600.90	543.68
33 11 13 13-0339	EA	48" Bell Restraint Harness, Ductile Iron (Megalug 1700)	7,219.02	663.23

33 11 13 13-0340 Ductile Iron Pipe Repair *(33 11 13 13-0001)*

See CSI section 33 11 13 13-0002 for mechanical joint fittings.

33 11 13 13-0341 WEKO Seals *(33 11 13 13-0340)*

Note: Internal joint seal.

33 11 13 13-0342	EA	16" WEKO Internal Joint Seal	725.56	139.03
		For Extra Wide Seals, Add	*80.53*	
33 11 13 13-0343	EA	20" WEKO Internal Joint Seal	818.27	154.59
		For Extra Wide Seals, Add	*81.71*	
33 11 13 13-0344	EA	24" WEKO Internal Joint Seal	869.44	166.95
		For Extra Wide Seals, Add	*82.65*	

33 11 13 23 Plastic Public Water Utility Distribution Piping *(33 11 13)*

33 11 13 23-0001 AWWA C900 / C905 PVC Pipe *(33 11 13 23)*

Note: Includes hub on one end of pipe.

33 11 13 23-0002 AWWA C900, DR 25, PR 100 PVC Pipe *(33 11 13 23-0001)*

33 11 13 23-0003	LF	4" AWWA C900, DR 25, PR 100 PVC Pipe	12.69	6.27
33 11 13 23-0004	LF	6" AWWA C900, DR 25, PR 100 PVC Pipe	16.38	7.26
33 11 13 23-0005	LF	8" AWWA C900, DR 25, PR 100 PVC Pipe	21.25	8.42
33 11 13 23-0006	LF	10" AWWA C900, DR 25, PR 100 PVC Pipe	25.41	8.83
33 11 13 23-0007	LF	12" AWWA C900, DR 25, PR 100 PVC Pipe	30.42	9.15
33 11 13 23-0008	LF	14" AWWA C900, DR 25, PR 100 PVC Pipe	35.18	9.97
33 11 13 23-0009	LF	16" AWWA C900, DR 25, PR 100 PVC Pipe	48.67	10.77

33 11 13 23-0010 AWWA C900, DR 18, PR 150 PVC Pipe *(33 11 13 23-0001)*

33 11 13 23-0011	LF	4" AWWA C900, DR 18, PR 150 PVC Pipe	13.40	6.27
33 11 13 23-0012	LF	6" AWWA C900, DR 18, PR 150 PVC Pipe	17.84	7.26
33 11 13 23-0013	LF	8" AWWA C900, DR 18, PR 150 PVC Pipe	23.71	8.42
33 11 13 23-0014	LF	10" AWWA C900, DR 18, PR 150 PVC Pipe	29.23	8.83
33 11 13 23-0015	LF	12" AWWA C900, DR 18, PR 150 PVC Pipe	35.76	9.15
33 11 13 23-0016	LF	14" AWWA C900, DR 18, PR 100 PVC Pipe	44.38	9.97
33 11 13 23-0017	LF	16" AWWA C900, DR 18, PR 100 PVC Pipe	58.58	10.77

33 11 13 23-0018 AWWA C900, DR 14, PR 200 PVC Pipe *(33 11 13 23-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 23-0019	LF	4" AWWA C900, DR 14, PR 200 PVC Pipe	14.09	6.27
33 11 13 23-0020	LF	6" AWWA C900, DR 14, PR 200 PVC Pipe	19.29	7.26
33 11 13 23-0021	LF	8" AWWA C900, DR 14, PR 200 PVC Pipe	26.16	8.42
33 11 13 23-0022	LF	10" AWWA C900, DR 14, PR 200 PVC Pipe	32.97	8.83
33 11 13 23-0023	LF	12" AWWA C900, DR 14, PR 200 PVC Pipe	41.09	9.15
33 11 13 23-0024	LF	14" AWWA C900, DR 14, PR 100 PVC Pipe	51.65	9.97
33 11 13 23-0025	LF	16" AWWA C900, DR 14, PR 100 PVC Pipe	69.27	10.77
33 11 13 23-0026		**AWWA C905, DR 51, PR 80 PVC Pipe** *(33 11 13 23-0001)*		
33 11 13 23-0027	LF	18" AWWA C905, DR 51, PR 80 PVC Pipe	36.01	11.55
33 11 13 23-0028	LF	20" AWWA C905, DR 51, PR 80 PVC Pipe	41.60	12.54
33 11 13 23-0029	LF	24" AWWA C905, DR 51, PR 80 PVC Pipe	52.14	13.86
33 11 13 23-0030	LF	30" AWWA C905, DR 51, PR 80 PVC Pipe	73.51	16.91
33 11 13 23-0031	LF	36" AWWA C905, DR 51, PR 80 PVC Pipe	95.56	17.90
33 11 13 23-0032	LF	42" AWWA C905, DR 51, PR 80 PVC Pipe	118.71	19.39
33 11 13 23-0033	LF	48" AWWA C905, DR 51, PR 80 PVC Pipe	149.00	21.78
33 11 13 23-0034		**AWWA C905, DR 41, PR 100 PVC Pipe** *(33 11 13 23-0001)*		
33 11 13 23-0035	LF	14" AWWA C905, DR 41, PR 100 PVC Pipe	28.88	9.90
33 11 13 23-0036	LF	16" AWWA C905, DR 41, PR 100 PVC Pipe	34.22	10.73
33 11 13 23-0037	LF	18" AWWA C905, DR 41, PR 100 PVC Pipe	39.71	11.55
33 11 13 23-0038	LF	20" AWWA C905, DR 41, PR 100 PVC Pipe	46.40	12.54
33 11 13 23-0039	LF	24" AWWA C905, DR 41, PR 100 PVC Pipe	59.54	13.86
33 11 13 23-0040	LF	30" AWWA C905, DR 41, PR 100 PVC Pipe	84.12	16.91
33 11 13 23-0041	LF	36" AWWA C905, DR 41, PR 100 PVC Pipe	109.77	17.90
33 11 13 23-0042	LF	42" AWWA C905, DR 41, PR 100 PVC Pipe	183.47	19.39
33 11 13 23-0043	LF	48" AWWA C905, DR 41, PR 100 PVC Pipe	233.27	21.78
33 11 13 23-0044		**AWWA C905, DR 32.5, PR 125 PVC Pipe** *(33 11 13 23-0001)*		
33 11 13 23-0045	LF	14" AWWA C905, DR 32.5, PR 125 PVC Pipe	31.73	9.90
33 11 13 23-0046	LF	16" AWWA C905, DR 32.5, PR 125 PVC Pipe	38.17	10.73
33 11 13 23-0047	LF	18" AWWA C905, DR 32.5, PR 125 PVC Pipe	44.61	11.55
33 11 13 23-0048	LF	20" AWWA C905, DR 32.5, PR 125 PVC Pipe	52.77	12.54
33 11 13 23-0049	LF	24" AWWA C905, DR 32.5, PR 125 PVC Pipe	68.68	13.86
33 11 13 23-0050	LF	30" AWWA C905, DR 32.5, PR 125 PVC Pipe	97.85	16.91
33 11 13 23-0051	LF	36" AWWA C905, DR 32.5, PR 125 PVC Pipe	129.81	17.90
33 11 13 23-0052	LF	42" AWWA C905, DR 32.5, PR 125 PVC Pipe	166.09	19.39
33 11 13 23-0053	LF	48" AWWA C905, DR 32.5, PR 125 PVC Pipe	210.64	21.78
33 11 13 23-0054		**AWWA C900, DR 18, PR 150 PVC Fittings** *(33 11 13 23)*		
		Note: Includes rubber gaskets.		
33 11 13 23-0055		**AWWA C900, DR 18, PR 150 PVC 90 Degree Elbows** *(33 11 13 23-0054)*		
33 11 13 23-0056	EA	4" AWWA C900, DR 18, PR 150 PVC 90 Degree Elbow	50.88	8.57
		For DR 25, Deduct	*-2.02*	
33 11 13 23-0057	EA	6" AWWA C900, DR 18, PR 150 PVC 90 Degree Elbow	88.31	9.65
		For DR 25, Deduct	*-4.14*	
33 11 13 23-0058	EA	8" AWWA C900, DR 18, PR 150 PVC 90 Degree Elbow	151.81	10.71
		For DR 25, Deduct	*-7.82*	
33 11 13 23-0059	EA	10" AWWA C900, DR 18, PR 150 PVC 90 Degree Elbow	360.51	17.12
		For DR 25, Deduct	*-19.58*	
33 11 13 23-0060	EA	12" AWWA C900, DR 18, PR 150 PVC 90 Degree Elbow	498.48	28.54
		For DR 25, Deduct	*-26.49*	
33 11 13 23-0061	EA	14" AWWA C900, DR 18, PR 150 PVC 90 Degree Elbow	608.69	35.67
		For DR 25, Deduct	*-32.24*	
33 11 13 23-0062	EA	16" AWWA C900, DR 18, PR 150 PVC 90 Degree Elbow	718.97	42.81
		For DR 25, Deduct	*-38.00*	
33 11 13 23-0063		**AWWA C900, DR 18, PR 150 PVC 45 Degree Elbows** *(33 11 13 23-0054)*		
33 11 13 23-0064	EA	4" AWWA C900, DR 18, PR 150 PVC 45 Degree Elbow	57.01	8.57
		For DR 25, Deduct	*-2.39*	
33 11 13 23-0065	EA	6" AWWA C900, DR 18, PR 150 PVC 45 Degree Elbow	88.30	9.65
		For DR 25, Deduct	*-4.14*	
33 11 13 23-0066	EA	8" AWWA C900, DR 18, PR 150 PVC 45 Degree Elbow	157.93	10.71
		For DR 25, Deduct	*-8.19*	
33 11 13 23-0067	EA	10" AWWA C900, DR 18, PR 150 PVC 45 Degree Elbow	418.08	17.12
		For DR 25, Deduct	*-23.03*	
33 11 13 23-0068	EA	12" AWWA C900, DR 18, PR 150 PVC 45 Degree Elbow	623.24	28.54
		For DR 25, Deduct	*-33.97*	
33 11 13 23-0069	EA	14" AWWA C900, DR 18, PR 150 PVC 45 Degree Elbow	762.27	35.67
		For DR 25, Deduct	*-41.45*	
33 11 13 23-0070	EA	16" AWWA C900, DR 18, PR 150 PVC 45 Degree Elbow	853.32	42.81
		For DR 25, Deduct	*-46.06*	
33 11 13 23-0071		**AWWA C900, DR 18, PR 150 PVC Tees Or Wyes** *(33 11 13 23-0054)*		
33 11 13 23-0072	EA	4" AWWA C900, DR 18, PR 150 PVC Tees Or Wyes	59.16	9.65
		For DR 25, Deduct	*-2.39*	
33 11 13 23-0073	EA	6" AWWA C900, DR 18, PR 150 PVC Tees Or Wyes	90.45	10.71
		For DR 25, Deduct	*-4.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 23-0074	EA	8" AWWA C900, DR 18, PR 150 PVC Tees Or Wyes	169.99	12.14
		For DR 25, Deduct	*-8.74*	
33 11 13 23-0075	EA	10" AWWA C900, DR 18, PR 150 PVC Tees Or Wyes	349.60	21.40
		For DR 25, Deduct	*-18.41*	
33 11 13 23-0076	EA	12" AWWA C900, DR 18, PR 150 PVC Tees Or Wyes	530.40	42.81
		For DR 25, Deduct	*-26.69*	
33 11 13 23-0077	EA	14" AWWA C900, DR 18, PR 150 PVC Tees Or Wyes	659.17	53.51
		For DR 25, Deduct	*-33.13*	
33 11 13 23-0078	EA	16" AWWA C900, DR 18, PR 150 PVC Tees Or Wyes	741.99	64.21
		For DR 25, Deduct	*-36.81*	
33 11 13 23-0079		AWWA C900, DR 18, PR 150 PVC Couplings *(33 11 13 23-0054)*		
33 11 13 23-0080	EA	4" AWWA C900, DR 18, PR 150 PVC Coupling	47.82	8.57
		For DR 25, Deduct	*-1.84*	
33 11 13 23-0081	EA	6" AWWA C900, DR 18, PR 150 PVC Coupling	65.30	9.65
		For DR 25, Deduct	*-2.76*	
33 11 13 23-0082	EA	8" AWWA C900, DR 18, PR 150 PVC Coupling	105.79	10.71
		For DR 25, Deduct	*-5.06*	
33 11 13 23-0083	EA	10" AWWA C900, DR 18, PR 150 PVC Coupling	264.34	17.12
		For DR 25, Deduct	*-13.80*	
33 11 13 23-0084	EA	12" AWWA C900, DR 18, PR 150 PVC Coupling	318.92	21.40
		For DR 25, Deduct	*-16.57*	
33 11 13 23-0085	EA	14" AWWA C900, DR 18, PR 150 PVC Coupling	379.21	28.54
		For DR 25, Deduct	*-19.33*	
33 11 13 23-0086	EA	16" AWWA C900, DR 18, PR 150 PVC Coupling	424.15	35.67
		For DR 25, Deduct	*-21.17*	
33 11 13 23-0087		AWWA C900, DR 18, PR 150 PVC Cross *(33 11 13 23-0054)*		
33 11 13 23-0088	EA	4" AWWA C900, DR 18, PR 150 PVC Cross	87.97	17.14
		For DR 25, Deduct	*-3.22*	
33 11 13 23-0089	EA	6" AWWA C900, DR 18, PR 150 PVC Cross	122.92	19.28
		For DR 25, Deduct	*-5.06*	
33 11 13 23-0090	EA	8" AWWA C900, DR 18, PR 150 PVC Cross	188.56	21.43
		For DR 25, Deduct	*-8.74*	
33 11 13 23-0091	EA	10" AWWA C900, DR 18, PR 150 PVC Cross	375.27	34.25
		For DR 25, Deduct	*-18.41*	
33 11 13 23-0092	EA	12" AWWA C900, DR 18, PR 150 PVC Cross	538.10	42.81
		For DR 25, Deduct	*-27.15*	
33 11 13 23-0093	EA	14" AWWA C900, DR 18, PR 150 PVC Cross	666.33	57.08
		For DR 25, Deduct	*-33.13*	
33 11 13 23-0094	EA	16" AWWA C900, DR 18, PR 150 PVC Cross	756.13	71.35
		For DR 25, Deduct	*-36.81*	
33 11 13 23-0095		Class 200, SDR 21 PVC Pressure Piping *(33 11 13 23)*		
33 11 13 23-0096		Class 200, SDR 21 PVC Pressure Pipe *(33 11 13 23-0095)*		
33 11 13 23-0097	LF	3/4" Class 200, SDR 21 PVC Pressure Pipe	1.56	0.57
		For >1000, Deduct	*-0.08*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.03*	
33 11 13 23-0098	LF	1" Class 200, SDR 21 PVC Pressure Pipe	1.71	0.62
		For >1000, Deduct	*-0.09*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.04*	
33 11 13 23-0099	LF	1-1/4" Class 200, SDR 21 PVC Pressure Pipe	1.95	0.67
		For >1000, Deduct	*-0.10*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.07*	
33 11 13 23-0100	LF	1-1/2" Class 200, SDR 21 PVC Pressure Pipe	2.23	0.74
		For >1000, Deduct	*-0.11*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.10*	
33 11 13 23-0101	LF	2" Class 200, SDR 21 PVC Pressure Pipe	2.77	0.83
		For >1000, Deduct	*-0.14*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.18*	
33 11 13 23-0102	LF	2-1/2" Class 200, SDR 21 PVC Pressure Pipe	3.46	0.94
		For >1000, Deduct	*-0.17*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.28*	
33 11 13 23-0103	LF	3" Class 200, SDR 21 PVC Pressure Pipe	4.15	1.06
		For >1000, Deduct	*-0.21*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.38*	
33 11 13 23-0104	LF	4" Class 200, SDR 21 PVC Pressure Pipe	5.73	1.31
		For >1000, Deduct	*-0.29*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.62*	
33 11 13 23-0105	LF	6" Class 200, SDR 21 PVC Pressure Pipe	9.51	1.67
		For >1000, Deduct	*-0.48*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*1.34*	
33 11 13 23-0106	LF	8" Class 200, SDR 21 PVC Pressure Pipe	14.80	2.28
		For >1000, Deduct	*-0.74*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*2.27*	
33 11 13 23-0107	LF	10" Class 200, SDR 21 PVC Pressure Pipe	21.77	3.05
		For >1000, Deduct	*-1.09*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*3.53*	
33 11 13 23-0108	LF	12" Class 200, SDR 21 PVC Pressure Pipe	30.19	4.11
		For >1000, Deduct	*-1.51*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*4.98*	
33 11 13 23-0109		90 Degree Elbows, Class 200, SDR 21 PVC *(33 11 13 23-0095)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 23-0110	EA	3/4" 90 Degree Elbow, Class 200, SDR 21 PVC	17.29	6.86
33 11 13 23-0111	EA	1" 90 Degree Elbow, Class 200, SDR 21 PVC	21.80	8.57
33 11 13 23-0112	EA	1-1/4" 90 Degree Elbow, Class 200, SDR 21 PVC	27.38	10.71
33 11 13 23-0113	EA	1-1/2" 90 Degree Elbow, Class 200, SDR 21 PVC	37.48	11.85
33 11 13 23-0114	EA	2" 90 Degree Elbow, Class 200, SDR 21 PVC	40.91	13.28
33 11 13 23-0115	EA	2-1/2" 90 Degree Elbow, Class 200, SDR 21 PVC	47.90	15.07
33 11 13 23-0116	EA	3" 90 Degree Elbow, Class 200, SDR 21 PVC	53.97	17.02
33 11 13 23-0117	EA	4" 90 Degree Elbow, Class 200, SDR 21 PVC	72.56	20.91
33 11 13 23-0118	EA	6" 90 Degree Elbow, Class 200, SDR 21 PVC	101.40	26.56
33 11 13 23-0119	EA	8" 90 Degree Elbow, Class 200, SDR 21 PVC	157.04	34.87
33 11 13 23-0120	EA	10" 90 Degree Elbow, Class 200, SDR 21 PVC	196.41	46.64
33 11 13 23-0121	EA	12" 90 Degree Elbow, Class 200, SDR 21 PVC	260.61	62.78
33 11 13 23-0122		**45 Degree Elbows, Class 200, SDR 21 PVC** *(33 11 13 23-0095)*		
33 11 13 23-0123	EA	3/4" 45 Degree Elbow, Class 200, SDR 21 PVC	17.50	6.86
33 11 13 23-0124	EA	1" 45 Degree Elbow, Class 200, SDR 21 PVC	21.95	8.57
33 11 13 23-0125	EA	1-1/4" 45 Degree Elbow, Class 200, SDR 21 PVC	27.47	10.71
33 11 13 23-0126	EA	1-1/2" 45 Degree Elbow, Class 200, SDR 21 PVC	34.74	11.85
33 11 13 23-0127	EA	2" 45 Degree Elbow, Class 200, SDR 21 PVC	41.17	13.28
33 11 13 23-0128	EA	2-1/2" 45 Degree Elbow, Class 200, SDR 21 PVC	48.93	15.07
33 11 13 23-0129	EA	3" 45 Degree Elbow, Class 200, SDR 21 PVC	53.53	17.02
33 11 13 23-0130	EA	4" 45 Degree Elbow, Class 200, SDR 21 PVC	71.62	20.91
33 11 13 23-0131	EA	6" 45 Degree Elbow, Class 200, SDR 21 PVC	99.49	26.56
33 11 13 23-0132	EA	8" 45 Degree Elbow, Class 200, SDR 21 PVC	153.41	34.87
33 11 13 23-0133	EA	10" 45 Degree Elbow, Class 200, SDR 21 PVC	181.36	46.64
33 11 13 23-0134	EA	12" 45 Degree Elbow, Class 200, SDR 21 PVC	239.78	62.78
33 11 13 23-0135		**Tees Or Wyes, Class 200, SDR 21 PVC** *(33 11 13 23-0095)*		
33 11 13 23-0136	EA	3/4" Tees Or Wyes, Class 200 SDR 21 PVC	25.92	10.28
33 11 13 23-0137	EA	1" Tees Or Wyes, Class 200 SDR 21 PVC	32.66	12.93
33 11 13 23-0138	EA	1-1/4" Tees Or Wyes, Class 200 SDR 21 PVC	40.88	16.14
33 11 13 23-0139	EA	1-1/2" Tees Or Wyes, Class 200 SDR 21 PVC	52.85	17.85
33 11 13 23-0140	EA	2" Tees Or Wyes, Class 200 SDR 21 PVC	59.81	19.86
33 11 13 23-0141	EA	2-1/2" Tees Or Wyes, Class 200 SDR 21 PVC	69.17	22.63
33 11 13 23-0142	EA	3" Tees Or Wyes, Class 200 SDR 21 PVC	82.11	25.47
33 11 13 23-0143	EA	4" Tees Or Wyes, Class 200 SDR 21 PVC	106.04	31.39
33 11 13 23-0144	EA	6" Tees Or Wyes, Class 200 SDR 21 PVC	165.25	39.90
33 11 13 23-0145	EA	8" Tees Or Wyes, Class 200 SDR 21 PVC	241.17	52.29
33 11 13 23-0146	EA	10" Tees Or Wyes, Class 200 SDR 21 PVC	294.60	73.27
33 11 13 23-0147	EA	12" Tees Or Wyes, Class 200 SDR 21 PVC	374.44	98.61
33 11 13 23-0148		**Couplings, Class 200, SDR 21 PVC** *(33 11 13 23-0095)*		
33 11 13 23-0149	EA	3/4" Coupling, Class 200 SDR 21 PVC	11.56	4.57
33 11 13 23-0150	EA	1" Coupling, Class 200 SDR 21 PVC	15.59	6.14
33 11 13 23-0151	EA	1-1/4" Coupling, Class 200 SDR 21 PVC	20.68	8.07
33 11 13 23-0152	EA	1-1/2" Coupling, Class 200 SDR 21 PVC	26.86	8.93
33 11 13 23-0153	EA	2" Coupling, Class 200 SDR 21 PVC	29.71	9.93
33 11 13 23-0154	EA	2-1/2" Coupling, Class 200 SDR 21 PVC	33.80	11.29
33 11 13 23-0155	EA	3" Coupling, Class 200 SDR 21 PVC	38.77	12.73
33 11 13 23-0156	EA	4" Coupling, Class 200 SDR 21 PVC	51.64	15.66
33 11 13 23-0157	EA	6" Coupling, Class 200 SDR 21 PVC	71.67	19.95
33 11 13 23-0158	EA	8" Coupling, Class 200 SDR 21 PVC	115.10	26.14
33 11 13 23-0159	EA	10" Coupling, Class 200 SDR 21 PVC	141.40	36.67
33 11 13 23-0160	EA	12" Coupling, Class 200 SDR 21 PVC	182.45	49.30
33 11 13 23-0161		**Schedule 40 PVC Pipe And Fittings** *(33 11 13 23)*		
33 11 13 23-0162		**Schedule 40 PVC Pipe** *(33 11 13 23-0161)*		
33 11 13 23-0163	LF	3/4" Schedule 40 PVC Pipe	1.67	0.57
		For >1000, Deduct	*-0.08*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.06*	
33 11 13 23-0164	LF	1" Schedule 40 PVC Pipe	1.92	0.62
		For >1000, Deduct	*-0.10*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.10*	
33 11 13 23-0165	LF	1-1/2" Schedule 40 PVC Pipe	2.41	0.74
		For >1000, Deduct	*-0.12*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.14*	
33 11 13 23-0166	LF	2" Schedule 40 PVC Pipe	2.84	0.83
		For >1000, Deduct	*-0.14*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.19*	
33 11 13 23-0167	LF	2-1/2" Schedule 40 PVC Pipe	3.57	0.94
		For >1000, Deduct	*-0.18*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.30*	
33 11 13 23-0168	LF	3" Schedule 40 PVC Pipe	4.23	1.06
		For >1000, Deduct	*-0.21*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.40*	
33 11 13 23-0169	LF	4" Schedule 40 PVC Pipe	5.54	1.31
		For >1000, Deduct	*-0.28*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.57*	
33 11 13 23-0170	LF	6" Schedule 40 PVC Pipe	8.11	1.67
		For >1000, Deduct	*-0.41*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.99*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 23-0171		**90 Degree Elbows, Schedule 40 PVC** *(33 11 13 23-0161)*		
33 11 13 23-0172	EA	3/4" 90 Degree Elbow, Schedule 40 PVC	17.37	6.86
33 11 13 23-0173	EA	1" 90 Degree Elbow, Schedule 40 PVC	21.84	8.57
33 11 13 23-0174	EA	1-1/2" 90 Degree Elbow, Schedule 40 PVC	30.31	11.85
33 11 13 23-0175	EA	2" 90 Degree Elbow, Schedule 40 PVC	34.10	13.28
33 11 13 23-0176	EA	2-1/2" 90 Degree Elbow, Schedule 40 PVC	40.25	15.07
33 11 13 23-0177	EA	3" 90 Degree Elbow, Schedule 40 PVC	45.60	17.02
33 11 13 23-0178	EA	4" 90 Degree Elbow, Schedule 40 PVC	58.55	20.91
33 11 13 23-0179	EA	6" 90 Degree Elbow, Schedule 40 PVC	86.39	26.56
33 11 13 23-0180		**45 Degree Elbows, Schedule 40 PVC** *(33 11 13 23-0161)*		
33 11 13 23-0181	EA	3/4" 45 Degree Elbow, Schedule 40 PVC	17.35	6.86
33 11 13 23-0182	EA	1" 45 Degree Elbow, Schedule 40 PVC	21.83	8.57
33 11 13 23-0183	EA	1-1/2" 45 Degree Elbow, Schedule 40 PVC	30.32	11.85
33 11 13 23-0184	EA	2" 45 Degree Elbow, Schedule 40 PVC	34.03	13.28
33 11 13 23-0185	EA	2-1/2" 45 Degree Elbow, Schedule 40 PVC	40.05	15.07
33 11 13 23-0186	EA	3" 45 Degree Elbow, Schedule 40 PVC	45.37	17.02
33 11 13 23-0187	EA	4" 45 Degree Elbow, Schedule 40 PVC	58.08	20.91
33 11 13 23-0188	EA	6" 45 Degree Elbow, Schedule 40 PVC	84.91	26.56
33 11 13 23-0189		**Tees Or Wyes, Schedule 40 PVC** *(33 11 13 23-0161)*		
33 11 13 23-0190	EA	3/4" Tees Or Wyes, Schedule 40 PVC	26.00	10.28
33 11 13 23-0191	EA	1" Tees Or Wyes, Schedule 40 PVC	32.72	12.93
33 11 13 23-0192	EA	1-1/2" Tees Or Wyes, Schedule 40 PVC	45.38	17.85
33 11 13 23-0193	EA	2" Tees Or Wyes, Schedule 40 PVC	50.90	19.86
33 11 13 23-0194	EA	2-1/2" Tees Or Wyes, Schedule 40 PVC	60.49	22.63
33 11 13 23-0195	EA	3" Tees Or Wyes, Schedule 40 PVC	69.33	25.47
33 11 13 23-0196	EA	4" Tees Or Wyes, Schedule 40 PVC	85.93	31.39
33 11 13 23-0197	EA	6" Tees Or Wyes, Schedule 40 PVC	131.01	39.90
33 11 13 23-0198		**Couplings, Schedule 40 PVC** *(33 11 13 23-0161)*		
33 11 13 23-0199	EA	3/4" Coupling, Schedule 40 PVC	11.60	4.57
33 11 13 23-0200	EA	1" Coupling, Schedule 40 PVC	15.62	6.14
33 11 13 23-0201	EA	1-1/2" Coupling, Schedule 40 PVC	22.64	8.93
33 11 13 23-0202	EA	2" Coupling, Schedule 40 PVC	25.43	9.93
33 11 13 23-0203	EA	2-1/2" Coupling, Schedule 40 PVC	29.56	11.29
33 11 13 23-0204	EA	3" Coupling, Schedule 40 PVC	33.85	12.73
33 11 13 23-0205	EA	4" Coupling, Schedule 40 PVC	41.85	15.66
33 11 13 23-0206	EA	6" Coupling, Schedule 40 PVC	58.93	19.95
33 11 13 23-0207		**Crosses, Schedule 40 PVC** *(33 11 13 23-0161)*		
33 11 13 23-0208	EA	3/4" Cross, Schedule 40 PVC	34.73	13.71
33 11 13 23-0209	EA	1" Cross, Schedule 40 PVC	43.57	17.21
33 11 13 23-0210	EA	1-1/2" Cross, Schedule 40 PVC	60.50	23.78
33 11 13 23-0211	EA	2" Cross, Schedule 40 PVC	67.84	26.49
33 11 13 23-0212	EA	2-1/2" Cross, Schedule 40 PVC	80.62	30.14
33 11 13 23-0213	EA	3" Cross, Schedule 40 PVC	92.40	33.98
33 11 13 23-0214	EA	4" Cross, Schedule 40 PVC	114.54	41.81
33 11 13 23-0215	EA	6" Cross, Schedule 40 PVC	174.48	53.18
33 11 13 23-0216		**Schedule 80 PVC Pipe And Fittings** *(33 11 13 23)*		
33 11 13 23-0217		**Schedule 80 PVC Pipe** *(33 11 13 23-0216)*		
33 11 13 23-0218	LF	1" Schedule 80 PVC Pipe	2.03	0.62
		For >1000, Deduct	*-0.10*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.12*	
33 11 13 23-0219	LF	1-1/2" Schedule 80 PVC Pipe	2.64	0.74
		For >1000, Deduct	*-0.13*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.20*	
33 11 13 23-0220	LF	2" Schedule 80 PVC Pipe	3.23	0.83
		For >1000, Deduct	*-0.16*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.29*	
33 11 13 23-0221	LF	2-1/2" Schedule 80 PVC Pipe	4.08	0.94
		For >1000, Deduct	*-0.20*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.43*	
33 11 13 23-0222	LF	3" Schedule 80 PVC Pipe	4.93	1.06
		For >1000, Deduct	*-0.25*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.57*	
33 11 13 23-0223	LF	4" Schedule 80 PVC Pipe	6.62	1.31
		For >1000, Deduct	*-0.33*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*0.84*	
33 11 13 23-0224	LF	6" Schedule 80 PVC Pipe	10.52	1.67
		For >1000, Deduct	*-0.53*	
		For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	*1.59*	
33 11 13 23-0225		**90 Degree Elbows, Schedule 80 PVC** *(33 11 13 23-0216)*		
33 11 13 23-0226	EA	1" 90 Degree Elbow, Schedule 80 PVC	22.45	8.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 23-0227	EA	1-1/2" 90 Degree Elbow, Schedule 80 PVC	30.31	11.85
33 11 13 23-0228	EA	2" 90 Degree Elbow, Schedule 80 PVC	34.70	13.28
33 11 13 23-0229	EA	2-1/2" 90 Degree Elbow, Schedule 80 PVC	41.52	15.07
33 11 13 23-0230	EA	3" Schedule 80 PVC 90 Degree Elbow	46.78	17.02
33 11 13 23-0231	EA	4" Schedule 80 PVC 90 Degree Elbow	58.83	20.91
33 11 13 23-0232	EA	6" Schedule 80 PVC 90 Degree Elbow	85.04	26.56
33 11 13 23-0233		45 Degree Elbows, Schedule 80 PVC *(33 11 13 23-0216)*		
33 11 13 23-0234	EA	1" Schedule 80 PVC 45 Degree Elbow	24.91	8.57
33 11 13 23-0235	EA	1-1/2" Schedule 80 PVC 45 Degree Elbow	32.68	11.85
33 11 13 23-0236	EA	2" Schedule 80 PVC 45 Degree Elbow	36.98	13.28
33 11 13 23-0237	EA	2-1/2" Schedule 80 PVC 45 Degree Elbow	45.80	15.07
33 11 13 23-0238	EA	3" Schedule 80 PVC 45 Degree Elbow	52.35	17.02
33 11 13 23-0239	EA	4" Schedule 80 PVC 45 Degree Elbow	70.02	20.91
33 11 13 23-0240	EA	6" Schedule 80 PVC 45 Degree Elbow	84.29	26.56
33 11 13 23-0241		Tees Or Wyes, Schedule 80 PVC *(33 11 13 23-0216)*		
33 11 13 23-0242	EA	1" Schedule 80 PVC Tees Or Wyes	33.98	12.93
33 11 13 23-0243	EA	1-1/2" Schedule 80 PVC Tees Or Wyes	49.21	17.85
33 11 13 23-0244	EA	2" Schedule 80 PVC Tees Or Wyes	55.46	19.86
33 11 13 23-0245	EA	2-1/2" Schedule 80 PVC Tees Or Wyes	62.90	22.63
33 11 13 23-0246	EA	3" Schedule 80 PVC Tees Or Wyes	71.64	25.47
33 11 13 23-0247	EA	4" Schedule 80 PVC Tees Or Wyes	87.60	31.39
33 11 13 23-0248	EA	6" Schedule 80 PVC Tees Or Wyes	130.95	39.90
33 11 13 23-0249		Couplings, Schedule 80 PVC *(33 11 13 23-0216)*		
33 11 13 23-0250	EA	1" Schedule 80 PVC Coupling	16.52	6.14
33 11 13 23-0251	EA	1-1/2" Schedule 80 PVC Coupling	24.19	8.93
33 11 13 23-0252	EA	2" Schedule 80 PVC Coupling	26.89	9.93
33 11 13 23-0253	EA	2-1/2" Schedule 80 PVC Coupling	33.29	11.29
33 11 13 23-0254	EA	3" Schedule 80 PVC Coupling	37.62	12.73
33 11 13 23-0255	EA	4" Schedule 80 PVC Coupling	46.42	15.66
33 11 13 23-0256	EA	6" Schedule 80 PVC Coupling	65.32	19.95
33 11 13 23-0257		Crosses, Schedule 80 PVC *(33 11 13 23-0216)*		
33 11 13 23-0258	EA	1" Schedule 80 PVC Cross	45.24	17.21
33 11 13 23-0259	EA	1-1/2" Schedule 80 PVC Cross	65.57	23.78
33 11 13 23-0260	EA	2" Schedule 80 PVC Cross	73.90	26.49
33 11 13 23-0261	EA	2-1/2" Schedule 80 PVC Cross	83.82	30.14
33 11 13 23-0262	EA	3" Schedule 80 PVC Cross	95.47	33.98
33 11 13 23-0263	EA	4" Schedule 80 PVC Cross	116.75	41.81
33 11 13 23-0264	EA	6" Schedule 80 PVC Cross	174.40	53.18
33 11 13 36		**Steel Public Water Utility Distribution Piping** ***(33 11 13)***		
33 11 13 36-0001		Steel Piping *(33 11 13 36)*		
33 11 13 36-0002		Welded, Plain End, Uncoated Steel Piping *(33 11 13 36-0001)* Note: ASTM A252 steel pipe.		
33 11 13 36-0003		3/16" To 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Piping *(33 11 13 36-0002)*		
33 11 13 36-0004	LF	8" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	45.74	22.10
		For >1000, Deduct	*-2.29*	
33 11 13 36-0005	LF	8" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	49.64	22.10
		For >1000, Deduct	*-2.48*	
33 11 13 36-0006	LF	10" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	51.88	24.12
		For >1000, Deduct	*-2.59*	
33 11 13 36-0007	LF	10" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	56.81	24.12
		For >1000, Deduct	*-2.84*	
33 11 13 36-0008	LF	12" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	58.21	25.26
		For >1000, Deduct	*-2.91*	
33 11 13 36-0009	LF	12" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	62.04	25.26
		For >1000, Deduct	*-3.10*	
33 11 13 36-0010	LF	14" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	86.59	27.92
		For >1000, Deduct	*-4.33*	
33 11 13 36-0011	LF	14" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	70.47	27.92
		For >1000, Deduct	*-3.52*	
33 11 13 36-0012	LF	16" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	71.34	29.47
		For >1000, Deduct	*-3.57*	
33 11 13 36-0013	LF	16" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	73.71	29.47
		For >1000, Deduct	*-3.69*	
33 11 13 36-0014	LF	18" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	84.49	33.15
		For >1000, Deduct	*-4.22*	
33 11 13 36-0015	LF	20" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	88.37	33.15
		For >1000, Deduct	*-4.42*	
33 11 13 36-0016		5/16" To 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Piping *(33 11 13 36-0002)*		
33 11 13 36-0017	LF	12" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	68.45	37.48
		For >1000, Deduct	*-3.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 36-0018	LF	14" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	78.89	41.22
		For >1000, Deduct	*-3.94*	
33 11 13 36-0019	LF	16" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	85.88	43.10
		For >1000, Deduct	*-4.29*	
33 11 13 36-0020	LF	18" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	96.78	48.72
		For >1000, Deduct	*-4.84*	
33 11 13 36-0021	LF	18" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	99.41	48.72
		For >1000, Deduct	*-4.97*	
33 11 13 36-0022	LF	20" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	101.84	48.72
		For >1000, Deduct	*-5.09*	
33 11 13 36-0023	LF	20" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	104.64	48.72
		For >1000, Deduct	*-5.23*	
33 11 13 36-0024	LF	24" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	120.68	56.21
		For >1000, Deduct	*-6.03*	
33 11 13 36-0025	LF	24" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	129.36	56.21
		For >1000, Deduct	*-6.47*	
33 11 13 36-0026	LF	24" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	150.66	56.21
		For >1000, Deduct	*-7.53*	
33 11 13 36-0027	LF	30" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	146.72	65.59
		For >1000, Deduct	*-7.34*	
33 11 13 36-0028	LF	30" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	150.27	65.59
		For >1000, Deduct	*-7.51*	
33 11 13 36-0029	LF	30" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	183.75	65.59
		For >1000, Deduct	*-9.19*	
33 11 13 36-0030	LF	36" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	165.12	65.59
		For >1000, Deduct	*-8.26*	
33 11 13 36-0031	LF	36" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	194.98	78.70
		For >1000, Deduct	*-9.75*	
33 11 13 36-0032	LF	36" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	220.94	78.70
		For >1000, Deduct	*-11.05*	
33 11 13 36-0033	LF	36" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	214.46	78.70
		For >1000, Deduct	*-10.72*	

33 11 13 36-0034 Dresser Couplings For Plain End Welded Steel Pipe *(33 11 13 36-0001)*

33 11 13 36-0035	EA	2" Dresser Coupling For Plain End Welded Steel Pipe	85.46	18.98
33 11 13 36-0036	EA	3" Dresser Coupling For Plain End Welded Steel Pipe	124.12	36.50
33 11 13 36-0037	EA	4" Dresser Coupling For Plain End Welded Steel Pipe	165.15	48.18
33 11 13 36-0038	EA	6" Dresser Coupling For Plain End Welded Steel Pipe	264.21	73.00
33 11 13 36-0039	EA	8" Dresser Coupling For Plain End Welded Steel Pipe	346.65	91.97
33 11 13 36-0040	EA	10" Dresser Coupling For Plain End Welded Steel Pipe	477.99	111.12
33 11 13 36-0041	EA	12" Dresser Coupling For Plain End Welded Steel Pipe	566.51	139.27
33 11 13 36-0042	EA	14" Dresser Coupling For Plain End Welded Steel Pipe	591.57	139.27
33 11 13 36-0043	EA	16" Dresser Coupling For Plain End Welded Steel Pipe	644.37	148.16
33 11 13 36-0044	EA	18" Dresser Coupling For Plain End Welded Steel Pipe	683.25	148.16
33 11 13 36-0045	EA	20" Dresser Coupling For Plain End Welded Steel Pipe	770.72	192.61
33 11 13 36-0046	EA	24" Dresser Coupling For Plain End Welded Steel Pipe	939.20	192.61
33 11 13 36-0047	EA	30" Dresser Coupling For Plain End Welded Steel Pipe	1,173.13	222.24
33 11 13 36-0048	EA	36" Dresser Coupling For Plain End Welded Steel Pipe	1,321.45	222.24

33 11 13 36-0049 Pipe Coatings *(33 11 13 36-0001)*

33 11 13 36-0050 Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating *(33 11 13 36-0049)*

33 11 13 36-0051	LF	12" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	3.51	
33 11 13 36-0052	LF	14" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	4.67	
33 11 13 36-0053	LF	16" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	5.32	
33 11 13 36-0054	LF	18" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	5.60	
33 11 13 36-0055	LF	20" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	6.03	
33 11 13 36-0056	LF	24" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	7.02	
33 11 13 36-0057	LF	30" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	9.22	
33 11 13 36-0058	LF	36" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	14.57	

33 11 13 39 Copper Public Water Utility Distribution Piping *(33 11 13)*

33 11 13 39-0001 Type K Copper Water Distribution Piping *(33 11 13 39)*

See CSI section 23 05 23 00-0179 for gate valve at tap.

33 11 13 39-0002	LF	1/2" Type K Copper Water Distribution Pipe	5.15	1.41
33 11 13 39-0003	LF	3/4" Type K Copper Water Distribution Pipe	6.88	1.58
33 11 13 39-0004	LF	1" Type K Copper Water Distribution Pipe	8.85	1.76
33 11 13 39-0005	LF	1-1/4" Type K Copper Water Distribution Pipe	10.50	2.11
33 11 13 39-0006	LF	1-1/2" Type K Copper Water Distribution Pipe	13.26	2.81
33 11 13 39-0007	LF	2" Type K Copper Water Distribution Pipe	18.49	3.51
33 11 13 39-0008	LF	2-1/2" Type K Copper Water Distribution Pipe	26.81	4.22
33 11 13 39-0009	LF	3" Type K Copper Water Distribution Pipe	34.97	4.64
33 11 13 39-0010	LF	3-1/2" Type K Copper Water Distribution Pipe	46.19	5.83
33 11 13 39-0011	LF	4" Type K Copper Water Distribution Pipe	58.98	7.38
33 11 13 39-0012	LF	5" Type K Copper Water Distribution Pipe	132.85	9.20
33 11 13 39-0013	LF	6" Type K Copper Water Distribution Pipe	186.10	11.10
33 11 13 39-0014	LF	8" Type K Copper Water Distribution Pipe	330.48	12.43

33 11 13 39-0015 Copper Flare x Female Copper Flare Service Fitting Coupling *(33 11 13 39)*

Note: Mueller H-15405

33 11 13 39-0016	EA	3/4" Copper Flare x Female Copper Flare Service Fitting Coupling	26.52	
33 11 13 39-0017	EA	1" Copper Flare x Female Copper Flare Service Fitting Coupling	37.64	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 39-0018	EA	1-1/2" Copper Flare x Female Copper Flare Service Fitting Coupling	90.43	
33 11 13 39-0019	EA	2" Copper Flare x Female Copper Flare Service Fitting Coupling	115.17	
33 11 13 39-0020		Copper Flare x Female Iron Pipe Service Fitting Coupling *(33 11 13 39)*		
		Note: Mueller H-15450		
33 11 13 39-0021	EA	1/2" Copper Flare x Female Iron Pipe Service Fitting Coupling	30.75	
33 11 13 39-0022	EA	3/4" Copper Flare x Female Iron Pipe Service Fitting Coupling	26.64	
33 11 13 39-0023	EA	1" Copper Flare x Female Iron Pipe Service Fitting Coupling	36.62	
33 11 13 39-0024	EA	1-1/4" Copper Flare x Female Iron Pipe Service Fitting Coupling	53.94	
33 11 13 39-0025	EA	1-1/2" Copper Flare x Female Iron Pipe Service Fitting Coupling	69.78	
33 11 13 39-0026	EA	2" Copper Flare x Female Iron Pipe Service Fitting Coupling	111.56	
33 11 13 39-0027		Copper Flare x Male Iron Pipe Service Fitting Coupling *(33 11 13 39)*		
		Note: Mueller H-15425		
33 11 13 39-0028	EA	1/2" Copper Flare x Male Iron Pipe Service Fitting Coupling	26.55	
33 11 13 39-0029	EA	3/4" Copper Flare x Male Iron Pipe Service Fitting Coupling	26.72	
33 11 13 39-0030	EA	1" Copper Flare x Male Iron Pipe Service Fitting Coupling	35.71	
33 11 13 39-0031	EA	1-1/4" Copper Flare x Male Iron Pipe Service Fitting Coupling	53.94	
33 11 13 39-0032	EA	1-1/2" Copper Flare x Male Iron Pipe Service Fitting Coupling	73.05	
33 11 13 39-0033	EA	2" Copper Flare x Male Iron Pipe Service Fitting Coupling	115.61	
33 11 13 39-0034		Brass Fittings *(33 11 13 39)*		
33 11 13 39-0035		Brass Compression Reducer Coupling *(33 11 13 39-0034)*		
33 11 13 39-0036	EA	3/4" x 1" Brass Compression Reducer Coupling	30.17	10.70
33 11 13 39-0037	EA	1" x 3/4" Brass Compression Reducer Coupling	25.02	10.70
33 11 13 39-0038	EA	1-1/2" x 1" Brass Compression Reducer Coupling	49.37	16.25
33 11 13 39-0039	EA	2" x 1-1/2" Brass Compression Reducer Coupling	61.41	20.61
33 11 13 39-0040		Copper Compression x Male NPT Brass Coupling *(33 11 13 39-0034)*		
		Note: A. Y. McDonald 74753Q		
33 11 13 39-0041	EA	3/4" Copper Compression x Male NPT Brass Coupling	42.70	11.89
33 11 13 39-0042	EA	3/4" x 1" Copper Compression x Male NPT Brass Coupling	48.42	13.88
33 11 13 39-0043	EA	1" Copper Compression x Male NPT Brass Coupling	50.18	13.88
33 11 13 39-0044	EA	1" x 3/4" Copper Compression x Male NPT Brass Coupling	48.72	13.88
33 11 13 39-0045	EA	1-1/4" Copper Compression x Male NPT Brass Coupling	70.94	15.86
33 11 13 39-0046	EA	1-1/4" x 1" Copper Compression x Male NPT Brass Coupling	68.28	15.86
33 11 13 39-0047	EA	1-1/2" Copper Compression x Male NPT Brass Coupling	95.80	19.83
33 11 13 39-0048	EA	2" Copper Compression x Male NPT Brass Coupling	129.44	23.78
33 11 13 39-0049		Brass Nipples *(33 11 13 39-0034)*		
33 11 13 39-0050	EA	3/4" x 6" Long Brass Nipple	19.94	4.95
33 11 13 39-0051	EA	1" x 6" Long Brass Nipple	25.32	5.36
33 11 13 39-0052	EA	1-1/2" x 6" Long Brass Nipple	37.20	5.75
33 11 13 39-0053		Brass "H" Style Meter Insetters *(33 11 13 39-0034)*		
33 11 13 39-0054	EA	5/8" x 3/4" Compression End, Brass "H" Style Meter Insetters	110.43	21.90
33 11 13 39-0055	EA	5/8" x 3/4" Threaded End, Brass "H" Style Meter Insetters	78.71	21.90
33 11 13 39-0056		Meter Setters - Resetter, Brass *(33 11 13 39-0034)*		
33 11 13 39-0057	EA	1" Meter, 10" High Brass Meter Setter - Resetter	256.27	21.90
		Note: Male meter thread, bottom inlet/outlet, angle ball valve, top inlet/outlet with meter nuts.		
33 11 13 43		**Public Water Utility Distribution Piping Coatings And Wraps** *(33 11 13)*		
33 11 13 43-0001		Pipe Coatings And Wraps *(33 11 13 43)*		
33 11 13 43-0002		8 Mil Polyethylene Encasement Tubing *(33 11 13 43-0001)*		
		Note: ANSI/AWWA C105/A21.5-99 section 4.2.		
33 11 13 43-0003	LF	3" To 8" Diameter, 8 Mil Polyethylene Encasement Tubing	0.52	
33 11 13 43-0004	LF	10" To 12" Diameter, 8 Mil Polyethylene Encasement Tubing	0.89	
33 11 13 43-0005	LF	14" To 16" Diameter, 8 Mil Polyethylene Encasement Tubing	1.13	
33 11 13 43-0006	LF	18" To 20" Diameter, 8 Mil Polyethylene Encasement Tubing	1.44	
33 11 13 43-0007	LF	24" Diameter, 8 Mil Polyethylene Encasement Tubing	2.03	
33 11 13 43-0008	LF	30" Diameter, 8 Mil Polyethylene Encasement Tubing	2.63	
33 11 13 43-0009	LF	36" To 42" Diameter, 8 Mil Polyethylene Encasement Tubing	3.34	
33 11 13 43-0010	LF	48" Diameter, 8 Mil Polyethylene Encasement Tubing	3.99	
33 11 13 43-0011	LF	54" To 60" Diameter, 8 Mil Polyethylene Encasement Tubing	4.99	
33 11 13 53		**Public Water Utility Distribution Piping Saddles And Adapters** *(33 11 13)*		
33 11 13 53-0001		Double Stud Stainless Steel Service Saddles *(33 11 13 53)*		
		Note: 1/2" listed taps are compression, 3/4" to 2" are either compression or NPT.		
33 11 13 53-0002	EA	4" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372-048004 To 048009)	189.87	
33 11 13 53-0003	EA	4" Diameter x 1-1/4" Or 1-1/2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372-048010 To 048013)	265.58	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 53-0004	EA	4" Diameter x 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372-048014 To 048015)	283.15	
33 11 13 53-0005	EA	6" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372-069004 To 069009)	230.48	
33 11 13 53-0006	EA	6" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372-069010 To 069015)	293.01	
33 11 13 53-0007	EA	8" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372-090504 To 090509)	240.24	
33 11 13 53-0008	EA	8" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372-090510 To 090515)	306.48	
33 11 13 53-0009	EA	10" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372-111004 To 111009)	272.34	
33 11 13 53-0010	EA	10" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372-111010 To 111015)	322.81	
33 11 13 53-0011	EA	12" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372-132004 To 132009)	283.54	
33 11 13 53-0012	EA	12" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372-132010 To 132015)	332.21	

33 11 13 53-0013 Double Bale Epoxy Coated Ductile Iron Body Service Saddles *(33 11 13 53)*

Note: Electro-galvanized steel bales. 5/8" listed taps are compression. 3/4" to 2" are either compression or NPT. 2-1/2", 3" or 4" are NPT.

33 11 13 53-0014	EA	1-1/4" To 1-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	156.16	
33 11 13 53-0015	EA	2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	156.30	
33 11 13 53-0016	EA	2" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	166.16	
33 11 13 53-0017	EA	2-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	159.57	
33 11 13 53-0018	EA	3" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	170.86	
33 11 13 53-0019	EA	3" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	190.89	
33 11 13 53-0020	EA	3" Diameter x 2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	203.24	
33 11 13 53-0021	EA	4" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	182.77	
33 11 13 53-0022	EA	4" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	202.45	
33 11 13 53-0023	EA	4" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	211.96	
33 11 13 53-0024	EA	5" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	194.41	
33 11 13 53-0025	EA	5" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	215.36	
33 11 13 53-0026	EA	5" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	224.58	
33 11 13 53-0027	EA	6" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	204.86	
33 11 13 53-0028	EA	6" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	225.08	
33 11 13 53-0029	EA	6" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	235.01	
33 11 13 53-0030	EA	6" Diameter x 3" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	333.32	
33 11 13 53-0031	EA	6" Diameter x 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	375.51	
33 11 13 53-0032	EA	8" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	227.03	
33 11 13 53-0033	EA	8" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	248.40	
33 11 13 53-0034	EA	8" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	259.07	
33 11 13 53-0035	EA	8" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	440.32	
33 11 13 53-0036	EA	10" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	253.75	
33 11 13 53-0037	EA	10" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	284.31	
33 11 13 53-0038	EA	10" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	496.42	
33 11 13 53-0039	EA	12" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	278.27	
33 11 13 53-0040	EA	12" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	310.76	
33 11 13 53-0041	EA	12" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	321.41	
33 11 13 53-0042	EA	12" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	559.08	
33 11 13 53-0043	EA	14" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	329.51	
33 11 13 53-0044	EA	14" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	363.13	
33 11 13 53-0045	EA	14" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	386.31	
33 11 13 53-0046	EA	14" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	700.17	
33 11 13 53-0047	EA	15" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	340.03	
33 11 13 53-0048	EA	15" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	393.27	
33 11 13 53-0049	EA	15" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	409.73	
33 11 13 53-0050	EA	15" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	755.19	
33 11 13 53-0051	EA	16" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	362.57	
33 11 13 53-0052	EA	16" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	431.24	
33 11 13 53-0053	EA	16" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	447.91	
33 11 13 53-0054	EA	16" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	809.13	
33 11 13 53-0055	EA	18" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	397.88	
33 11 13 53-0056	EA	18" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	474.91	
33 11 13 53-0057	EA	20" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	460.35	
33 11 13 53-0058	EA	20" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	511.93	
33 11 13 53-0059	EA	24" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	481.31	
33 11 13 53-0060	EA	24" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	547.57	

33 11 13 53-0061 Double Bale Bronze Service Saddles *(33 11 13 53)*

33 11 13 53-0062	EA	4" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (James Jones J-979)	321.91	
33 11 13 53-0063	EA	4" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (James Jones J-979)	342.71	
33 11 13 53-0064	EA	6" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (James Jones J-979)	352.44	
33 11 13 53-0065	EA	6" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (James Jones J-979)	373.79	
33 11 13 53-0066	EA	8" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (James Jones J-979)	396.32	
33 11 13 53-0067	EA	8" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (James Jones J-979)	411.62	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 53-0068	EA	10" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (James Jones J-979)	450.83	
33 11 13 53-0069	EA	10" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (James Jones J-979)	472.71	
33 11 13 53-0070	EA	12" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (James Jones J-979)	487.79	
33 11 13 53-0071	EA	12" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (James Jones J-979)	524.65	
33 11 13 53-0072	EA	14" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (James Jones J-979)	630.81	
33 11 13 53-0073	EA	14" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (James Jones J-979)	664.38	
33 11 13 53-0074	EA	16" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (James Jones J-979)	699.45	
33 11 13 53-0075	EA	16" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (James Jones J-979)	741.82	
33 11 13 53-0076	EA	18" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (James Jones J-979)	792.60	
33 11 13 53-0077	EA	18" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (James Jones J-979)	846.70	
33 11 13 53-0078	EA	20" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (James Jones J-979)	970.78	
33 11 13 53-0079	EA	20" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (James Jones J-979)	1,055.98	

33 11 13 53-0080 Stainless Steel Double Straps, Bronze Body Service Saddle *(33 11 13 53)*

Note: Taps are compression or NPT.

33 11 13 53-0081	EA	4" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (James Jones J-969)	343.86	
33 11 13 53-0082	EA	4" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (James Jones J-969)	366.17	
33 11 13 53-0083	EA	6" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (James Jones J-969)	376.09	
33 11 13 53-0084	EA	6" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (James Jones J-969)	399.02	
33 11 13 53-0085	EA	8" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (James Jones J-969)	424.25	
33 11 13 53-0086	EA	8" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (James Jones J-969)	440.40	
33 11 13 53-0087	EA	10" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (James Jones J-969)	484.31	
33 11 13 53-0088	EA	10" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (James Jones J-969)	507.84	
33 11 13 53-0089	EA	12" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (James Jones J-969)	524.73	
33 11 13 53-0090	EA	12" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (James Jones J-969)	565.03	
33 11 13 53-0091	EA	14" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (James Jones J-969)	683.94	
33 11 13 53-0092	EA	14" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (James Jones J-969)	720.55	
33 11 13 53-0093	EA	16" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (James Jones J-969)	758.85	
33 11 13 53-0094	EA	16" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (James Jones J-969)	805.32	
33 11 13 53-0095	EA	18" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (James Jones J-969)	862.19	
33 11 13 53-0096	EA	18" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (James Jones J-969)	921.80	
33 11 13 53-0097	EA	20" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (James Jones J-969)	1,060.77	
33 11 13 53-0098	EA	20" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (James Jones J-969)	1,137.30	

33 11 13 53-0099 Ductile Iron Mechanical Joint Tapping Sleeve *(33 11 13 53)*

33 11 13 53-0100	EA	4" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,009.81	
33 11 13 53-0101	EA	6" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,218.33	
33 11 13 53-0102	EA	8" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,458.77	
33 11 13 53-0103	EA	8" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,545.51	
33 11 13 53-0104	EA	10" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,375.10	
33 11 13 53-0105	EA	10" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,497.08	
33 11 13 53-0106	EA	10" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,548.56	
33 11 13 53-0107	EA	12" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,497.79	
33 11 13 53-0108	EA	12" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,619.28	
33 11 13 53-0109	EA	12" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,917.37	
33 11 13 53-0110	EA	12" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,991.95	
33 11 13 53-0111	EA	14" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	5,148.42	
33 11 13 53-0112	EA	14" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	5,194.54	
33 11 13 53-0113	EA	14" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	5,255.55	
33 11 13 53-0114	EA	14" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	5,280.93	
33 11 13 53-0115	EA	14" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	5,475.02	
33 11 13 53-0116	EA	16" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	5,464.03	
33 11 13 53-0117	EA	16" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	5,569.79	
33 11 13 53-0118	EA	16" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	5,634.17	
33 11 13 53-0119	EA	16" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	5,669.31	
33 11 13 53-0120	EA	16" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	5,708.14	
33 11 13 53-0121	EA	16" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	5,921.14	
33 11 13 53-0122	EA	16" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	5,986.01	
33 11 13 53-0123	EA	18" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,628.56	
33 11 13 53-0124	EA	18" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,977.61	
33 11 13 53-0125	EA	18" Diameter x 8", 10", 12" Or 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,072.01	
33 11 13 53-0126	EA	18" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,362.03	
33 11 13 53-0127	EA	20" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,114.94	
33 11 13 53-0128	EA	20" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,847.22	
33 11 13 53-0129	EA	20" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,979.44	
33 11 13 53-0130	EA	20" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,030.19	
33 11 13 53-0131	EA	20" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,288.81	
33 11 13 53-0132	EA	20" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,905.10	
33 11 13 53-0133	EA	20" Diameter x 16", 18" Or 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,094.56	
33 11 13 53-0134	EA	24" Diameter x 4", 6" Or 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,608.01	
33 11 13 53-0135	EA	24" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,726.27	
33 11 13 53-0136	EA	24" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,759.20	
33 11 13 53-0137	EA	24" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	12,191.53	
33 11 13 53-0138	EA	24" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	12,347.61	
33 11 13 53-0139	EA	24" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	12,380.33	
33 11 13 53-0140	EA	24" Diameter x 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	12,721.44	
33 11 13 53-0141	EA	24" Diameter x 24" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	12,881.95	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 53-0142		**Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve** *(33 11 13 53)*		
33 11 13 53-0143	EA	4" Diameter x 4" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	960.89	
33 11 13 53-0144	EA	6" Diameter x 4" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,004.56	
33 11 13 53-0145	EA	6" Diameter x 6" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,107.08	
33 11 13 53-0146	EA	8" Diameter x 4" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,126.05	
33 11 13 53-0147	EA	8" Diameter x 6" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,173.93	
33 11 13 53-0148	EA	8" Diameter x 8" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,370.98	
33 11 13 53-0149	EA	10" Diameter x 4" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,221.63	
33 11 13 53-0150	EA	10" Diameter x 6" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,268.13	
33 11 13 53-0151	EA	10" Diameter x 8" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,440.53	
33 11 13 53-0152	EA	10" Diameter x 10" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,069.57	
33 11 13 53-0153	EA	12" Diameter x 4" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,363.00	
33 11 13 53-0154	EA	12" Diameter x 6" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,434.15	
33 11 13 53-0155	EA	12" Diameter x 8" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,603.70	
33 11 13 53-0156	EA	12" Diameter x 10" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,226.47	
33 11 13 53-0157	EA	12" Diameter x 12" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,380.76	
33 11 13 53-0158	EA	14" Diameter x 4" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,833.56	
33 11 13 53-0159	EA	14" Diameter x 6" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,891.32	
33 11 13 53-0160	EA	14" Diameter x 8" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,262.42	
33 11 13 53-0161	EA	14" Diameter x 10" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,802.55	
33 11 13 53-0162	EA	14" Diameter x 12" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,021.96	
33 11 13 53-0163	EA	16" Diameter x 4" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,194.36	
33 11 13 53-0164	EA	16" Diameter x 6" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,254.20	
33 11 13 53-0165	EA	16" Diameter x 8" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,497.71	
33 11 13 53-0166	EA	16" Diameter x 10" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,160.67	
33 11 13 53-0167	EA	16" Diameter x 12" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,312.50	
33 11 13 53-0168	EA	18" Diameter x 4" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,351.51	
33 11 13 53-0169	EA	18" Diameter x 6" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,410.30	
33 11 13 53-0170	EA	18" Diameter x 8" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,635.04	
33 11 13 53-0171	EA	18" Diameter x 10" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,351.80	
33 11 13 53-0172	EA	18" Diameter x 12" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,503.45	
33 11 13 53-0173	EA	20" Diameter x 4" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,710.36	
33 11 13 53-0174	EA	20" Diameter x 6" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,770.75	
33 11 13 53-0175	EA	20" Diameter x 8" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,127.75	
33 11 13 53-0176	EA	20" Diameter x 10" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,855.54	
33 11 13 53-0177	EA	20" Diameter x 12" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,871.90	
33 11 13 53-0178	EA	24" Diameter x 4" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,922.83	
33 11 13 53-0179	EA	24" Diameter x 6" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,982.53	
33 11 13 53-0180	EA	24" Diameter x 8" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,350.14	
33 11 13 53-0181	EA	24" Diameter x 10" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,086.33	
33 11 13 53-0182	EA	24" Diameter x 12" Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,238.08	
33 11 13 53-0183		**Stainless Steel Flange, Stainless Steel Tapping Sleeve** *(33 11 13 53)*		
33 11 13 53-0184	EA	4" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,132.69	
33 11 13 53-0185	EA	6" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,221.53	
33 11 13 53-0186	EA	6" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,296.14	
33 11 13 53-0187	EA	8" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,307.56	
33 11 13 53-0188	EA	8" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,394.48	
33 11 13 53-0189	EA	8" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,666.75	
33 11 13 53-0190	EA	10" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,502.62	
33 11 13 53-0191	EA	10" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,599.70	
33 11 13 53-0192	EA	10" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,843.08	
33 11 13 53-0193	EA	10" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,552.83	
33 11 13 53-0194	EA	12" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,707.93	
33 11 13 53-0195	EA	12" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,842.57	
33 11 13 53-0196	EA	12" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,166.14	
33 11 13 53-0197	EA	12" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,589.65	
33 11 13 53-0198	EA	12" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,911.94	
33 11 13 53-0199	EA	14" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,996.63	
33 11 13 53-0200	EA	14" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,113.78	
33 11 13 53-0201	EA	14" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,478.93	
33 11 13 53-0202	EA	14" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,902.87	
33 11 13 53-0203	EA	14" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,124.09	
33 11 13 53-0204	EA	16" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,400.81	
33 11 13 53-0205	EA	16" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,630.89	
33 11 13 53-0206	EA	16" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,804.69	
33 11 13 53-0207	EA	16" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,260.99	
33 11 13 53-0208	EA	16" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,568.48	
33 11 13 53-0209	EA	18" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,629.93	
33 11 13 53-0210	EA	18" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,976.97	
33 11 13 53-0211	EA	18" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,158.64	
33 11 13 53-0212	EA	18" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,558.83	
33 11 13 53-0213	EA	18" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,090.35	
33 11 13 53-0214	EA	20" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,819.82	
33 11 13 53-0215	EA	20" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,165.94	
33 11 13 53-0216	EA	20" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,312.35	
33 11 13 53-0217	EA	20" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,062.55	
33 11 13 53-0218	EA	20" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,477.29	
33 11 13 53-0219	EA	24" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,110.90	
33 11 13 53-0220	EA	24" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,188.61	
33 11 13 53-0221	EA	24" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,521.44	
33 11 13 53-0222	EA	24" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,228.21	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 53-0223	EA	24" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,439.85	
33 11 13 53-0224		**Ductile Iron Body, Flanged Coupling Adapter** *(33 11 13 53)*		
33 11 13 53-0225	EA	3" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	434.80	128.21
33 11 13 53-0226	EA	4" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	495.06	128.21
33 11 13 53-0227	EA	6" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	578.96	128.21
33 11 13 53-0228	EA	8" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	723.09	128.21
33 11 13 53-0229	EA	10" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	1,153.22	128.21
33 11 13 53-0230	EA	12" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	1,260.96	128.21
33 11 13 53-0231		**Steel Body, Flanged Coupling Adapter** *(33 11 13 53)*		
33 11 13 53-0232	EA	3" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,403.01	128.21
33 11 13 53-0233	EA	4" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,591.99	128.21
33 11 13 53-0234	EA	6" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	2,038.50	128.21
33 11 13 53-0235	EA	8" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	2,485.07	128.21
33 11 13 53-0236	EA	10" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	3,069.05	128.21
33 11 13 53-0237	EA	12" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	3,575.73	128.21
33 11 13 53-0238	EA	14" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	4,305.56	128.21
33 11 13 53-0239	EA	16" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	5,172.93	128.21
33 11 13 53-0240		**Ductile Iron Body, Omni Coupling System** *(33 11 13 53)*		
33 11 13 53-0241	EA	2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	113.98	38.45
33 11 13 53-0242	EA	2-1/2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	139.25	38.45
33 11 13 53-0243	EA	3" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	170.81	55.26
33 11 13 53-0244	EA	4" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	215.51	69.68
33 11 13 53-0245	EA	6" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	289.89	96.11
33 11 13 53-0246	EA	8" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	349.33	112.93
33 11 13 53-0247	EA	10" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	426.10	127.35
33 11 13 53-0248	EA	12" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	494.74	144.17
33 11 13 53-0249	EA	14" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	664.41	158.58
33 11 13 53-0250	EA	16" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	807.75	173.00

33 12 Water Utility Distribution Equipment *(33 10)*

33 12 13 Water Service Connections *(33 12)*

See CSI section 22 11 19 00-0130 for backflow preventer assemblies.

33 12 13 00-0001 Yard Hydrants *(33 12 13)*

Note: With 3/4" hose thread outlet.

33 12 13 00-0002	EA	2' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	159.55	23.78
33 12 13 00-0003	EA	4' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	168.37	23.78
33 12 13 00-0004	EA	6' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	177.18	23.78
33 12 13 00-0005	EA	2' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	211.27	30.13
33 12 13 00-0006	EA	4' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	220.84	30.13
33 12 13 00-0007	EA	6' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	230.40	30.13

33 12 13 00-0008 Sanitary Yard Hydrants *(33 12 13)*

Note: With 3/4" hose thread outlet.

33 12 13 00-0009	EA	2' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	592.82	49.56
33 12 13 00-0010	EA	4' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	620.36	49.56
33 12 13 00-0011	EA	6' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	647.89	49.56

33 12 13 00-0012 Flushing Hydrants *(33 12 13)*

33 12 13 00-0013	EA	2" Inlet x 2-1/2" Outlet Steel Flushing Hydrant, 3' Bury Depth	444.36	30.66

33 12 16 Water Utility Distribution Valves *(33 12)*

Note: Flanged valves excludes bolt and gasket set. See CSI section 23 21 13 23-0509 for bolt and gasket sets.

33 12 16 00-0001 Roadway Utility Box *(33 12 16)*

33 12 16 00-0002 Utility Box *(33 12 16 00-0001)*

Note: Christy Concrete Products.

33 12 16 00-0003 B3 Utility Box, 9-3/8" x 15-1/2" *(33 12 16 00-0002)*

33 12 16 00-0004	EA	9-3/8" x 15-1/2" Precast Concrete Utility Box	58.76	36.30
33 12 16 00-0005	EA	Cast Iron Lid For 9-3/8" x 15-1/2" Utility Box	45.28	4.03
33 12 16 00-0006	EA	Reinforced Concrete Lid For 9-3/8" x 15-1/2" Utility Box	21.15	4.03
33 12 16 00-0007	EA	Steel Checkered Plate Cover For 9-3/8" x 15-1/2" Utility Box	94.34	4.03
33 12 16 00-0008	EA	12-1/8" x 18-5/8" Reinforced Concrete Slab For 9-3/8" x 15-1/2" Utility Box	32.30	8.06
33 12 16 00-0009	EA	3" High Reinforced Concrete Base For 9-3/8" x 15-1/2" Utility Box	42.96	8.06

33 12 16 00-0010 B9 Utility Box, 10-1/4" x 17-1/4" *(33 12 16 00-0002)*

33 12 16 00-0011	EA	10-1/4" x 17-1/4" Precast Concrete Utility Box	73.42	48.40
33 12 16 00-0012	EA	Cast Iron Lid For 10-1/4" x 17-1/4" Utility Box	53.17	4.84
33 12 16 00-0013	EA	Reinforced Concrete Lid For 10-1/4" x 17-1/4" Utility Box	23.84	4.84
33 12 16 00-0014	EA	Steel Checkered Plate Cover For 10-1/4" x 17-1/4" Utility Box	98.78	4.03
33 12 16 00-0015	EA	13" x 19-3/4" Reinforced Concrete Slab For 10-1/4" x 17-1/4" Utility Box	35.23	8.06
33 12 16 00-0016	EA	5-3/4" High Reinforced Concrete Base For 10-1/4" x 17-1/4" Utility Box	48.45	12.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 12 16 00-0017	EA	12" High Reinforced Concrete Extension For 10-1/4" x 17-1/4" Utility Box	65.12	22.18
33 12 16 00-0018		**B12 Utility Box, 12" x 20"** *(33 12 16 00-0002)*		
33 12 16 00-0019	EA	12" x 20" Precast Concrete Utility Box	80.33	52.43
33 12 16 00-0020	EA	Cast Iron Lid For 12" x 20" Utility Box	93.12	6.05
33 12 16 00-0021	EA	Reinforced Concrete Lid For 12" x 20" Utility Box	33.52	8.06
33 12 16 00-0022	EA	Steel Checkered Plate Cover For 12" x 20" Utility Box	135.45	8.06
33 12 16 00-0023	EA	12" High Reinforced Concrete Extension For 12" x 20" Utility Box	84.22	28.24
33 12 16 00-0024		**B16 Utility Box, 12" x 22-1/4"** *(33 12 16 00-0002)*		
33 12 16 00-0025	EA	12" x 22-1/4" Precast Concrete Utility Box	92.93	61.30
33 12 16 00-0026	EA	Cast Iron Lid For 12" x 22-1/4" Utility Box	106.42	8.06
33 12 16 00-0027	EA	Reinforced Concrete Lid For 12" x 22-1/4" Utility Box	39.56	8.06
33 12 16 00-0028	EA	Steel Checkered Plate Cover For 12" x 22-1/4" Utility Box	136.17	8.06
33 12 16 00-0029	EA	16" x 27" Reinforced Concrete Slab For 12" x 22-1/4" Utility Box	57.90	13.71
33 12 16 00-0030	EA	12" High Reinforced Concrete Extension For 12" x 22-1/4" Utility Box	85.22	28.24
33 12 16 00-0031		**B30 Utility Box, 13-1/4" x 24"** *(33 12 16 00-0002)*		
33 12 16 00-0032	EA	13-1/4" x 24" Precast Concrete Utility Box	111.33	72.59
33 12 16 00-0033	EA	Reinforced Concrete Lid For 13-1/4" x 24" Utility Box	55.30	12.90
33 12 16 00-0034	EA	Steel Checkered Plate Cover For 13-1/4" x 24" Utility Box	168.84	10.48
33 12 16 00-0035	EA	16" x 27" Reinforced Concrete Slab For 13-1/4" x 24" Utility Box	57.90	13.71
33 12 16 00-0036	EA	5-1/2" High Reinforced Concrete Base For 13-1/4" x 24" Utility Box	90.24	22.58
33 12 16 00-0037	EA	6" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box	68.22	15.32
33 12 16 00-0038	EA	12" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box	110.15	36.30
33 12 16 00-0039		**B36 Utility Box, 17-1/4" x 30"** *(33 12 16 00-0002)*		
33 12 16 00-0040	EA	17-1/4" x 30" Precast Concrete Utility Box	144.08	91.96
33 12 16 00-0041	EA	Reinforced Concrete Lid For 17-1/4" x 30" Utility Box	91.23	22.18
33 12 16 00-0042	EA	Steel Checkered Plate Cover For 17-1/4" x 30" Utility Box	213.80	15.32
33 12 16 00-0043	EA	20" x 34" Reinforced Concrete Slab For 17-1/4" x 30" Utility Box	91.06	29.04
33 12 16 00-0044	EA	6" High Reinforced Concrete Base For 17-1/4" x 30" Utility Box	137.57	32.27
33 12 16 00-0045	EA	12" High Reinforced Concrete Extension For 17-1/4" x 30" Utility Box	145.43	46.79
33 12 16 00-0046		**B40 Utility Box, 24-1/2" x 36"** *(33 12 16 00-0002)*		
33 12 16 00-0047	EA	24-1/2" x 36" Precast Concrete Utility Box	274.46	141.97
33 12 16 00-0048	EA	Reinforced Concrete Lid For 24-1/2" x 36" Utility Box	242.32	53.24
33 12 16 00-0049	EA	Steel Checkered Plate Cover For 24-1/2" x 36" Utility Box	305.26	23.39
33 12 16 00-0050	EA	30" x 40" Reinforced Concrete Slab For 24-1/2" x 36" Utility Box	204.47	50.01
33 12 16 00-0051	EA	10" High Reinforced Concrete Extension For 24-1/2" x 36" Utility Box	216.32	52.43
33 12 16 00-0052		**B48 Utility Box, 30-1/4" x 48-1/4"** *(33 12 16 00-0002)*		
33 12 16 00-0053	EA	30-1/4" x 48-1/4" Precast Concrete Utility Box	363.46	161.32
33 12 16 00-0054	EA	1 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	348.25	87.93
33 12 16 00-0055	EA	2 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	416.65	87.93
33 12 16 00-0056	EA	2 Piece Steel Checkered Plate Cover For 30-1/4" x 48-1/4" Utility Box	486.50	40.33
33 12 16 00-0057	EA	36" x 53" Reinforced Concrete Slab For 30-1/4" x 48-1/4" Utility Box	332.60	108.89
33 12 16 00-0058	EA	10" High Reinforced Concrete Extension For 30-1/4" x 48-1/4" Utility Box	275.79	73.40
33 12 16 00-0059		**Water Utility Distribution Valves** *(33 12 16)*		
33 12 16 00-0060		**Angle Valves** *(33 12 16 00-0059)* Note: For connecting meters to water service.		
33 12 16 00-0061		**Threaded, Class 150, Bronze Angle Valve** *(33 12 16 00-0060)* Note: Nibco T-335Y		
33 12 16 00-0062	EA	1/2" Threaded, Class 150, Bronze Angle Valve	45.97	12.69
33 12 16 00-0063	EA	3/4" Threaded, Class 150, Bronze Angle Valve	62.00	17.05
33 12 16 00-0064	EA	1" Threaded, Class 150, Bronze Angle Valve	80.91	21.02
33 12 16 00-0065	EA	1-1/4" Threaded, Class 150, Bronze Angle Valve	103.69	26.40
33 12 16 00-0066	EA	1-1/2" Threaded, Class 150, Bronze Angle Valve	126.70	30.53
33 12 16 00-0067	EA	2" Threaded, Class 150, Bronze Angle Valve	178.59	35.69
33 12 16 00-0068	EA	2-1/2" Threaded, Class 150, Bronze Angle Valve	276.02	48.69
33 12 16 00-0069	EA	3" Threaded, Class 150, Bronze Angle Valve	399.43	56.21
33 12 16 00-0070		**Butterfly Valves** *(33 12 16 00-0059)*		
33 12 16 00-0071		**Iron Body, Iron Disc Butterfly Valve** *(33 12 16 00-0070)* Note: AWWA C504, ANSI Class 125/150, flanged or mechanical joint connection, Buna seat material, and 304 stainless steel shaft with 8" diameter handwheel operator.		
33 12 16 00-0072	EA	4" Iron Body, Iron Disc Butterfly Valve	928.97	133.95
		For 8" Diameter Chain Wheel Actuator, Add	*150.00*	
33 12 16 00-0073	EA	6" Iron Body, Iron Disc Butterfly Valve	1,050.10	142.39
		For 8" Diameter Chain Wheel Actuator, Add	*150.00*	
33 12 16 00-0074	EA	8" Iron Body, Iron Disc Butterfly Valve	1,552.29	213.59
		For 8" Diameter Chain Wheel Actuator, Add	*150.00*	
33 12 16 00-0075	EA	10" Iron Body, Iron Disc Butterfly Valve	1,713.73	284.78
		For 8" Diameter Chain Wheel Actuator, Add	*150.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 12 16 00-0076	EA	12" Iron Body, Iron Disc Butterfly Valve	1,920.42	301.66
		For 8" Diameter Chain Wheel Actuator, Add	*150.00*	
33 12 16 00-0077	EA	14" Iron Body, Iron Disc Butterfly Valve	2,502.20	398.05
		For 8" Diameter Chain Wheel Actuator, Add	*150.00*	
33 12 16 00-0078	EA	16" Iron Body, Iron Disc Butterfly Valve	2,992.57	427.10
		For 8" Diameter Chain Wheel Actuator, Add	*150.00*	
33 12 16 00-0079	EA	18" Iron Body, Iron Disc Butterfly Valve	3,661.07	446.75
		For 8" Diameter Chain Wheel Actuator, Add	*150.00*	
33 12 16 00-0080	EA	20" Iron Body, Iron Disc Butterfly Valve	4,207.83	489.40
		For 8" Diameter Chain Wheel Actuator, Add	*150.00*	
33 12 16 00-0081	EA	24" Iron Body, Iron Disc Butterfly Valve	5,861.13	602.17
		For 8" Diameter Chain Wheel Actuator, Add	*150.00*	
33 12 16 00-0082	EA	30" Iron Body, Iron Disc Butterfly Valve	12,077.65	960.64
		For 8" Diameter Chain Wheel Actuator, Add	*150.00*	
33 12 16 00-0083	EA	36" Iron Body, Iron Disc Butterfly Valve	15,559.61	1,919.78
		For 8" Diameter Chain Wheel Actuator, Add	*150.00*	
33 12 16 00-0084	EA	42" Iron Body, Iron Disc Butterfly Valve	19,986.07	2,236.81
		For 8" Diameter Chain Wheel Actuator, Add	*300.00*	
33 12 16 00-0085	EA	48" Iron Body, Iron Disc Butterfly Valve	29,545.17	2,536.33
		For 8" Diameter Chain Wheel Actuator, Add	*300.00*	

33 12 16 00-0086 Check Valves *(33 12 16 00-0059)*

33 12 16 00-0087 Flanged, Swing Type Gravity Operated Check Valves *(33 12 16 00-0086)*

Note: AWWA C508. Bronze disc facing. Mueller A-2600-6.

33 12 16 00-0088	EA	2-1/2" Flanged, Swing Type Gravity Operated Check Valve	593.29	98.54
33 12 16 00-0089	EA	3" Flanged, Swing Type Gravity Operated Check Valve	634.17	116.79
33 12 16 00-0090	EA	4" Flanged, Swing Type Gravity Operated Check Valve	803.09	156.94
33 12 16 00-0091	EA	4" x 6" Flanged, Swing Type Gravity Operated Check Valve	1,107.40	178.84
33 12 16 00-0092	EA	4" x 8" Flanged, Swing Type Gravity Operated Check Valve	1,196.06	204.39
33 12 16 00-0093	EA	6" Flanged, Swing Type Gravity Operated Check Valve	1,104.11	182.49
33 12 16 00-0094	EA	6" x 8" Flanged, Swing Type Gravity Operated Check Valve	1,402.48	200.74
33 12 16 00-0095	EA	6" x 10" Flanged, Swing Type Gravity Operated Check Valve	1,465.88	218.99
33 12 16 00-0096	EA	8" Flanged, Swing Type Gravity Operated Check Valve	1,519.83	218.99
33 12 16 00-0097	EA	10" Flanged, Swing Type Gravity Operated Check Valve	2,452.14	255.48
33 12 16 00-0098	EA	12" Flanged, Swing Type Gravity Operated Check Valve	3,651.79	306.58
33 12 16 00-0099	EA	14" Flanged, Swing Type Gravity Operated Check Valve	5,075.10	388.64
33 12 16 00-0100	EA	16" Flanged, Swing Type Gravity Operated Check Valve	6,697.39	436.23
33 12 16 00-0101	EA	18" Flanged, Swing Type Gravity Operated Check Valve	9,596.59	483.82
33 12 16 00-0102	EA	20" Flanged, Swing Type Gravity Operated Check Valve	11,156.48	545.29

33 12 16 00-0103 Combination Air Release Valves *(33 12 16 00-0059)*

33 12 16 00-0104	EA	1" Combination Air Release Valve	405.01	15.33
33 12 16 00-0105	EA	2" Combination Air Release Valve	653.72	26.27

33 12 16 00-0106 Corporation Stop And Curb Valve *(33 12 16 00-0059)*

Note: AWWA C800

33 12 16 00-0107 Ball Corporation Valves *(33 12 16 00-0106)*

Note: Mueller B-25000.

33 12 16 00-0108	EA	3/4" Ball Corporation Valve	65.34	15.33
33 12 16 00-0109	EA	1" Ball Corporation Valve	82.27	18.98
33 12 16 00-0110	EA	1-1/2" Ball Corporation Valve	150.51	27.74
33 12 16 00-0111	EA	2" Ball Corporation Valve	231.13	32.84

33 12 16 00-0112 Gate Valve, AWWA C500 And C509 *(33 12 16 00-0059)*

33 12 16 00-0113 Gate Valve, Flanged *(33 12 16 00-0112)*

Note: Mueller A-2380-6.

33 12 16 00-0114	EA	2" Gate Valve, Flanged	380.25	77.74
33 12 16 00-0115	EA	2-1/2" Gate Valve, Flanged	463.28	97.45
33 12 16 00-0116	EA	3" Gate Valve, Flanged	554.28	116.79
33 12 16 00-0117	EA	4" Gate Valve, Flanged	666.87	155.48
33 12 16 00-0118	EA	6" Gate Valve, Flanged	840.76	182.49
33 12 16 00-0119	EA	8" Gate Valve, Flanged	1,181.46	218.99
33 12 16 00-0120	EA	10" Gate Valve, Flanged	1,692.47	255.48
33 12 16 00-0121	EA	12" Gate Valve, Flanged	2,039.66	306.58
33 12 16 00-0122	EA	14" Gate Valve, Flanged	4,184.10	388.64
33 12 16 00-0123	EA	16" Gate Valve, Flanged	5,424.97	436.23
33 12 16 00-0124	EA	18" Gate Valve, Flanged	8,420.89	483.82
33 12 16 00-0125	EA	20" Gate Valve, Flanged	10,040.18	545.29

33 12 16 00-0126 Resilient Wedge Gate Valve, Flanged *(33 12 16 00-0112)*

Note: Mueller A-2360-6.

33 12 16 00-0127	EA	2" Resilient Wedge Gate Valve, Flanged	367.53	77.74
33 12 16 00-0128	EA	2-1/2" Resilient Wedge Gate Valve, Flanged	448.09	97.45
33 12 16 00-0129	EA	3" Resilient Wedge Gate Valve, Flanged	536.25	117.89
33 12 16 00-0130	EA	4" Resilient Wedge Gate Valve, Flanged	646.72	155.48
33 12 16 00-0131	EA	6" Resilient Wedge Gate Valve, Flanged	813.83	182.49
33 12 16 00-0132	EA	8" Resilient Wedge Gate Valve, Flanged	1,139.38	218.99
33 12 16 00-0133	EA	10" Resilient Wedge Gate Valve, Flanged	1,625.59	255.48
33 12 16 00-0134	EA	12" Resilient Wedge Gate Valve, Flanged	1,958.92	306.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 12 16 00-0135		Gate Valve, Mechanical Joint *(33 12 16 00-0112)*		
		Note: Mueller A-2380-20.		
33 12 16 00-0136	EA	2" Gate Valve, Mechanical Joint	411.91	77.74
33 12 16 00-0137	EA	2-1/2" Gate Valve, Mechanical Joint	458.11	97.45
33 12 16 00-0138	EA	3" Gate Valve, Mechanical Joint	571.53	117.89
33 12 16 00-0139	EA	4" Gate Valve, Mechanical Joint	695.01	155.48
33 12 16 00-0140	EA	6" Gate Valve, Mechanical Joint	862.11	182.49
33 12 16 00-0141	EA	8" Gate Valve, Mechanical Joint	1,211.37	218.99
33 12 16 00-0142	EA	10" Gate Valve, Mechanical Joint	1,712.87	255.48
33 12 16 00-0143	EA	12" Gate Valve, Mechanical Joint	2,132.32	306.58
33 12 16 00-0144	EA	14" Gate Valve, Mechanical Joint	4,436.83	388.64
33 12 16 00-0145	EA	16" Gate Valve, Mechanical Joint	5,683.89	436.23
33 12 16 00-0146	EA	18" Gate Valve, Mechanical Joint	8,883.28	483.82
33 12 16 00-0147	EA	20" Gate Valve, Mechanical Joint	10,540.56	545.29
33 12 16 00-0148		Resilient Wedge Gate Valve, Mechanical Joint *(33 12 16 00-0112)*		
		Note: Mueller A-2360-20.		
33 12 16 00-0149	EA	2" Resilient Wedge Gate Valve, Mechanical Joint	397.40	77.74
33 12 16 00-0150	EA	3" Resilient Wedge Gate Valve, Mechanical Joint	552.52	117.89
33 12 16 00-0151	EA	4" Resilient Wedge Gate Valve, Mechanical Joint	673.27	155.48
33 12 16 00-0152	EA	6" Resilient Wedge Gate Valve, Mechanical Joint	833.98	182.49
33 12 16 00-0153	EA	8" Resilient Wedge Gate Valve, Mechanical Joint	1,167.59	218.99
33 12 16 00-0154	EA	10" Resilient Wedge Gate Valve, Mechanical Joint	1,644.84	255.48
33 12 16 00-0155	EA	12" Resilient Wedge Gate Valve, Mechanical Joint	2,046.32	306.58
33 12 16 00-0156		Resilient Wedge Gate Valve, Mechanical Joint X Flange Joint *(33 12 16 00-0112)*		
		Note: Mueller A-2361.		
33 12 16 00-0157	EA	14" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	4,123.97	388.64
33 12 16 00-0158	EA	16" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	4,503.40	436.23
33 12 16 00-0159	EA	18" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	6,911.46	483.82
33 12 16 00-0160	EA	20" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	8,228.98	545.29
33 12 16 00-0161	EA	24" Resilient Wedge Gate Valve, Mechanical Joint X FL	13,544.52	634.51
33 12 16 00-0162		Gate Valve, Threaded, WW-V-51 Class A, Type 1 *(33 12 16 00-0112)*		
		Note: NIBCO T-113.		
33 12 16 00-0163	EA	1/4" Gate Valve, Bronze, Threaded	31.31	12.77
33 12 16 00-0164	EA	3/8" Gate Valve, Bronze, Threaded	32.53	12.77
33 12 16 00-0165	EA	1/2" Gate Valve, Bronze, Threaded	33.03	12.77
33 12 16 00-0166	EA	3/4" Gate Valve, Bronze, Threaded	43.35	17.25
33 12 16 00-0167	EA	1" Gate Valve, Bronze, Threaded	53.04	20.85
33 12 16 00-0168	EA	1-1/4" Gate Valve, Bronze, Threaded	70.03	26.40
33 12 16 00-0169	EA	1-1/2" Gate Valve, Bronze, Threaded	81.06	30.53
33 12 16 00-0170	EA	2" Gate Valve, Bronze, Threaded	97.34	35.69
33 12 16 00-0171	EA	2-1/2" Gate Valve, Bronze, Threaded	165.31	48.69
33 12 16 00-0172	EA	3" Gate Valve, Bronze, Threaded	195.82	55.84
33 12 16 00-0173		Globe Valve, AWWA *(33 12 16 00-0059)*		
33 12 16 00-0174		Globe Valve, Threaded, WW-V-51 Class B, Type 1 *(33 12 16 00-0173)*		
		Note: NIBCO T-235.		
33 12 16 00-0175	EA	1/8" Globe Valve, Threaded	40.49	12.77
33 12 16 00-0176	EA	1/4" Globe Valve, Threaded	38.04	12.77
33 12 16 00-0177	EA	3/8" Globe Valve, Threaded	39.26	12.77
33 12 16 00-0178	EA	1/2" Globe Valve, Threaded	40.49	12.77
33 12 16 00-0179	EA	3/4" Globe Valve, Threaded	54.89	17.25
33 12 16 00-0180	EA	1" Globe Valve, Threaded	73.43	20.85
33 12 16 00-0181	EA	1-1/4" Globe Valve, Threaded	103.00	26.40
33 12 16 00-0182	EA	1-1/2" Globe Valve, Threaded	121.84	30.53
33 12 16 00-0183	EA	2" Globe Valve, Threaded	162.65	35.69
33 12 16 00-0184	EA	2-1/2" Globe Valve, Threaded	280.52	48.69
33 12 16 00-0185	EA	3" Globe Valve, Threaded	372.86	56.14
33 12 16 00-0186		Tapping Valve, AWWA C500 And C509 *(33 12 16 00-0059)*		
33 12 16 00-0187		Tapping Valve, AWWA C500 And C509 *(33 12 16 00-0186)*		
		Note: Flanged inlet X mechanical joint, Mueller H-667.		
33 12 16 00-0188	EA	2" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	540.85	97.45
33 12 16 00-0189	EA	3" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	682.32	117.89
33 12 16 00-0190	EA	4" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	790.56	155.48
33 12 16 00-0191	EA	6" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,029.77	182.49
33 12 16 00-0192	EA	8" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,423.86	218.99
33 12 16 00-0193	EA	10" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,987.04	255.48
33 12 16 00-0194	EA	12" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	2,869.12	306.58
33 12 16 00-0195	EA	14" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	5,037.28	388.64
33 12 16 00-0196	EA	16" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	6,328.42	436.23
33 12 16 00-0197	EA	18" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	10,022.86	484.61
33 12 16 00-0198		Accessories For Valves *(33 12 16)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 12 16 00-0199	EA	1' Valve Extension Stem	66.93	
		For Each Additional LF, Add	*4.65*	
33 12 16 00-0200	EA	Up to 80" Long Indicator Post Telescoping Barrel Assembly Note: Excludes valve.	833.79	73.00
33 12 16 00-0201	EA	>80" To 114" Long Indicator Post Telescoping Barrel Assembly Note: Excludes valve.	944.44	80.29
33 12 16 00-0202		Roadway Or Curb Valve Boxes *(33 12 16)* See CSI section 22 05 19 00-0000 for metering.		
33 12 16 00-0203		Round Head, Cast Iron Service, Roadway Or Valve Boxes *(33 12 16 00-0202)*		
33 12 16 00-0204	EA	36" To 48" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	135.90	9.63
33 12 16 00-0205	EA	36" To 54" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	157.18	9.63
33 12 16 00-0206	EA	42" To 60" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	158.17	9.63
33 12 16 00-0207	EA	9" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	41.70	4.82
33 12 16 00-0208	EA	16" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	47.34	4.82
33 12 16 00-0209	EA	24" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	55.82	4.82
33 12 16 00-0210	EA	36" To 48" High, Screw Type, 4-1/4" Shaft, Round Head, Cast Iron Roadway Box Note: Includes cover, top section and bottom section.	203.82	12.05
33 12 16 00-0211	EA	45" To 54" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section, bottom section and #6 round base.	351.23	16.86
33 12 16 00-0212	EA	45" To 66" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section, bottom section and #6 round base.	390.94	16.86
33 12 16 00-0213	EA	24" To 36" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	211.69	12.05
33 12 16 00-0214	EA	36" To 48" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	221.18	12.05
33 12 16 00-0215	EA	24" To 36" High, Two Piece, Slip Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	213.93	12.05
33 12 16 00-0216	EA	12" Extension For Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	77.74	4.82
33 12 16 00-0217	EA	18" To 24" High Round Head Cast Iron Roadway Or Curb Valve Boxes	133.03	19.83
33 12 16 00-0218	EA	22" To 28" High Round Head Cast Iron Roadway Or Curb Valve Boxes	137.34	20.61
33 12 16 00-0219	EA	30" To 36" High Round Head Cast Iron Roadway Or Curb Valve Boxes	152.80	21.41
33 12 16 00-0220	EA	36" To 48" High Round Head Cast Iron Roadway Or Curb Valve Box	207.39	22.60
33 12 16 00-0221	EA	48" To 60" High Round Head Cast Iron Roadway Or Curb Valve Boxes	249.30	23.78
33 12 16 00-0222	EA	18" Cast Iron Service Box Extension Section	57.92	
33 12 16 00-0223		Plastic Roadway Grade Water Meter Box And Cover *(33 12 16 00-0202)*		
33 12 16 00-0224	EA	12" Wide x 16" Long x 16" Deep Plastic Meter Box And Cover	155.88	27.75
33 12 16 00-0225	EA	9-3/4" Wide x 19-1/4" Long x 16" Deep Oval Plastic Meter Box And Cover	116.52	19.83
33 12 16 00-0226	EA	Cast Iron Lid For Plastic Meter Box	33.42	
33 12 16 00-0227		Traffic Valve Box And Lid *(33 12 16 00-0202)*		
33 12 16 00-0228	EA	10-3/8" ID x 12" Traffic Valve Box And 11" OD Cast Iron Lid (Christy G-5)	122.22	
33 12 16 00-0229	EA	14-1/2" ID x 12" Traffic Valve Box And 13-1/4" OD Cast Iron Lid (Christy G-12)	366.66	
33 12 19		**Water Utility Distribution Fire Hydrants** *(33 12)*		
33 12 19 00-0001		Fire Hydrants *(33 12 19)* Note: Breakaway type.		
33 12 19 00-0002		Three Way, Standard (Traditional) Model Fire Hydrant *(33 12 19 00-0001)* Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 12 19 00-0003	EA	1-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	1,733.49	199.35
33 12 19 00-0004	EA	2' Burial Section, 4-1/2" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	1,764.59	199.35
33 12 19 00-0005	EA	2-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	1,795.77	199.35
33 12 19 00-0006	EA	3' Burial Section, 4-1/2" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	1,841.04	213.59
33 12 19 00-0007	EA	3-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	1,872.17	213.59
33 12 19 00-0008	EA	4' Burial Section, 4-1/2" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	1,921.12	231.38
33 12 19 00-0009	EA	4-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	1,952.20	231.38
33 12 19 00-0010	EA	5' Burial Section, 4-1/2" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	2,001.18	249.19
33 12 19 00-0011	EA	5-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	2,032.31	249.19
33 12 19 00-0012	EA	6' Burial Section, 4-1/2" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	2,081.18	266.98
33 12 19 00-0013	EA	6-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	2,130.10	284.78
33 12 19 00-0014	EA	7' Burial Section, 4-1/2" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	2,196.77	320.38
33 12 19 00-0015	EA	1-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	1,761.87	199.35
33 12 19 00-0016	EA	2' Burial Section, 5-1/4" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	1,802.23	199.35
33 12 19 00-0017	EA	2-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	1,842.49	199.35
33 12 19 00-0018	EA	3' Burial Section, 5-1/4" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	1,896.99	213.59
33 12 19 00-0019	EA	3-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	1,937.25	213.59
33 12 19 00-0020	EA	4' Burial Section, 5-1/4" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	1,995.45	231.38
33 12 19 00-0021	EA	4-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	2,035.66	231.38
33 12 19 00-0022	EA	5' Burial Section, 5-1/4" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	2,093.77	249.19
33 12 19 00-0023	EA	5-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	2,134.02	249.19
33 12 19 00-0024	EA	6' Burial Section, 5-1/4" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	2,192.00	266.98
33 12 19 00-0025	EA	6-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	2,250.16	284.78
33 12 19 00-0026	EA	7' Burial Section, 5-1/4" Valve, Three Way, Standard (Traditional) Model Fire Hydrant	2,325.95	320.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 12 19 00-0027		**Two Way, Standard (Traditional) Model Fire Hydrant** *(33 12 19 00-0001)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 12 19 00-0028	EA	1-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,562.78	199.35
33 12 19 00-0029	EA	2' Burial Section, 4-1/2" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,593.77	199.35
33 12 19 00-0030	EA	2-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,624.94	199.35
33 12 19 00-0031	EA	3' Burial Section, 4-1/2" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,670.34	213.59
33 12 19 00-0032	EA	3-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,701.37	213.59
33 12 19 00-0033	EA	4' Burial Section, 4-1/2" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,750.25	231.38
33 12 19 00-0034	EA	4-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,781.38	231.38
33 12 19 00-0035	EA	5' Burial Section, 4-1/2" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,830.39	249.19
33 12 19 00-0036	EA	5-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,861.45	249.19
33 12 19 00-0037	EA	6' Burial Section, 4-1/2" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,910.49	266.98
33 12 19 00-0038	EA	6-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,959.21	284.78
33 12 19 00-0039	EA	7' Burial Section, 4-1/2" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	2,025.95	320.38
33 12 19 00-0040	EA	1-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,606.62	199.35
33 12 19 00-0041	EA	2' Burial Section, 5-1/4" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,646.89	199.35
33 12 19 00-0042	EA	2-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,687.10	199.35
33 12 19 00-0043	EA	3' Burial Section, 5-1/4" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,741.70	213.59
33 12 19 00-0044	EA	3-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,781.86	213.59
33 12 19 00-0045	EA	4' Burial Section, 5-1/4" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,839.99	231.38
33 12 19 00-0046	EA	4-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,880.17	231.38
33 12 19 00-0047	EA	5' Burial Section, 5-1/4" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,938.41	249.19
33 12 19 00-0048	EA	5-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	1,978.57	249.19
33 12 19 00-0049	EA	6' Burial Section, 5-1/4" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	2,036.69	266.98
33 12 19 00-0050	EA	6-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	2,094.65	284.78
33 12 19 00-0051	EA	7' Burial Section, 5-1/4" Valve, Two Way, Standard (Traditional) Model Fire Hydrant	2,170.66	320.38
33 12 19 00-0052		**Three Way, Modern Model Fire Hydrant** *(33 12 19 00-0001)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 12 19 00-0053	EA	1-1/2' Burial Section, Three Way, Modern Model Fire Hydrant	1,806.07	199.35
33 12 19 00-0054	EA	2' Burial Section, Three Way, Modern Model Fire Hydrant	1,846.28	199.35
33 12 19 00-0055	EA	2-1/2' Burial Section, Three Way, Modern Model Fire Hydrant	1,886.61	199.35
33 12 19 00-0056	EA	3' Burial Section, Three Way, Modern Model Fire Hydrant	1,941.13	213.59
33 12 19 00-0057	EA	3-1/2' Burial Section, Three Way, Modern Model Fire Hydrant	1,981.37	213.59
33 12 19 00-0058	EA	4' Burial Section, Three Way, Modern Model Fire Hydrant	2,039.42	231.38
33 12 19 00-0059	EA	4-1/2' Burial Section, Three Way, Modern Model Fire Hydrant	2,079.71	231.38
33 12 19 00-0060	EA	5' Burial Section, Three Way, Modern Model Fire Hydrant	2,137.79	249.19
33 12 19 00-0061	EA	5-1/2' Burial Section, Three Way, Modern Model Fire Hydrant	2,178.04	249.19
33 12 19 00-0062	EA	6' Burial Section, Three Way, Modern Model Fire Hydrant	2,236.09	249.19
33 12 19 00-0063	EA	6-1/2' Burial Section, Three Way, Modern Model Fire Hydrant	2,294.27	284.78
33 12 19 00-0064	EA	7' Burial Section, Three Way, Modern Model Fire Hydrant	2,369.64	284.78
33 12 19 00-0065		**Two Way, Modern Model Fire Hydrant** *(33 12 19 00-0001)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 12 19 00-0066	EA	1-1/2' Burial Section, Two Way, Modern Model Fire Hydrant	1,301.88	199.35
33 12 19 00-0067	EA	2' Burial Section, Two Way, Modern Model Fire Hydrant	1,332.48	199.35
33 12 19 00-0068	EA	2-1/2' Burial Section, Two Way, Modern Model Fire Hydrant	1,363.42	199.35
33 12 19 00-0069	EA	3' Burial Section, Two Way, Modern Model Fire Hydrant	1,407.90	213.59
33 12 19 00-0070	EA	3-1/2' Burial Section, Two Way, Modern Model Fire Hydrant	1,438.49	213.59
33 12 19 00-0071	EA	4' Burial Section, Two Way, Modern Model Fire Hydrant	1,486.87	231.38
33 12 19 00-0072	EA	4-1/2' Burial Section, Two Way, Modern Model Fire Hydrant	1,517.45	231.38
33 12 19 00-0073	EA	5' Burial Section, Two Way, Modern Model Fire Hydrant	1,565.89	249.19
33 12 19 00-0074	EA	5-1/2' Burial Section, Two Way, Modern Model Fire Hydrant	1,596.39	249.19
33 12 19 00-0075	EA	6' Burial Section, Two Way, Modern Model Fire Hydrant	1,644.78	266.98
33 12 19 00-0076	EA	6-1/2' Burial Section, Two Way, Modern Model Fire Hydrant	1,693.21	284.78
33 12 19 00-0077	EA	7' Burial Section, Two Way, Modern Model Fire Hydrant	1,759.02	320.38
33 12 19 00-0078		**Fire Hydrant Extension Kits** *(33 12 19 00-0001)*		
33 12 19 00-0079	EA	6" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	280.30	17.80
33 12 19 00-0080	EA	12" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	334.37	22.25
33 12 19 00-0081	EA	18" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	367.60	26.70
33 12 19 00-0082	EA	24" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	420.92	32.93
33 12 19 00-0083	EA	30" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	617.14	34.27
33 12 19 00-0084	EA	36" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	657.95	35.60
33 12 19 00-0085	EA	42" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	669.44	37.38
33 12 19 00-0086	EA	48" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	707.75	40.05
33 12 19 00-0087	EA	54" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	784.94	48.05
33 12 19 00-0088	EA	60" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	836.85	57.84
33 12 19 00-0089	EA	6" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	311.55	19.93
33 12 19 00-0090	EA	12" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	370.58	24.21
33 12 19 00-0091	EA	18" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	426.65	29.19
33 12 19 00-0092	EA	24" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	481.12	36.31
33 12 19 00-0093	EA	30" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	644.45	37.74
33 12 19 00-0094	EA	36" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	685.87	39.16
33 12 19 00-0095	EA	42" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	715.55	41.30
33 12 19 00-0096	EA	48" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	832.23	44.14
33 12 19 00-0097	EA	54" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	917.44	52.68
33 12 19 00-0098	EA	60" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	973.77	63.37

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 12 19 00-0099		**Remove And Reinstall Standard Fire Hydrant** *(33 12 19 00-0001)* Note: Includes all necessary fittings for resetting, storage and cleaning. Excludes excavation, backfill and thrust blocking around fire hydrant.		
33 12 19 00-0100	EA	Up To 5' Burial Section, Remove And Reinstall Fire Hydrant	569.56	
33 12 19 00-0101	EA	>5' Burial Section, Remove And Reinstall Fire Hydrant	830.61	
33 12 19 00-0102	EA	Reset Fire Hydrant Upper Barrel Note: Includes Safety Repair Kit	701.64	

33 13 Disinfecting of Water Utility Distribution *(33 10)*

33 13 00 00-0001 Water Main Disinfection/Sterilization *(33 13)*

Note: Gas chlorination. Continuous or plug method.

33 13 00 00-0002	EA	Setting Up And Removing Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	745.50
33 13 00 00-0003	EA	Re-Set Up/Move Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	372.74
33 13 00 00-0004	LF	Up To 4" Diameter Pipe Water Main Disinfection/Sterilization	0.28
		For >250 To 500, Deduct	*-0.01*
		For >500 To 1000, Deduct	*-0.03*
		For >1000 To 2000, Deduct	*-0.04*
		For >2000 To 5000, Deduct	*-0.06*
		For >5000, Deduct	*-0.07*
33 13 00 00-0005	LF	6" Diameter Pipe Water Main Disinfection/Sterilization	0.43
		For >250 To 500, Deduct	*-0.02*
		For >500 To 1000, Deduct	*-0.04*
		For >1000 To 2000, Deduct	*-0.06*
		For >2000 To 5000, Deduct	*-0.09*
		For >5000, Deduct	*-0.11*
33 13 00 00-0006	LF	8" Diameter Pipe Water Main Disinfection/Sterilization	0.56
		For >250 To 500, Deduct	*-0.03*
		For >500 To 1000, Deduct	*-0.06*
		For >1000 To 2000, Deduct	*-0.08*
		For >2000 To 5000, Deduct	*-0.11*
		For >5000, Deduct	*-0.14*
33 13 00 00-0007	LF	10" Diameter Pipe Water Main Disinfection/Sterilization	0.65
		For >250 To 500, Deduct	*-0.03*
		For >500 To 1000, Deduct	*-0.07*
		For >1000 To 2000, Deduct	*-0.10*
		For >2000 To 5000, Deduct	*-0.13*
		For >5000, Deduct	*-0.16*
33 13 00 00-0008	LF	12" Diameter Pipe Water Main Disinfection/Sterilization	0.86
		For >250 To 500, Deduct	*-0.04*
		For >500 To 1000, Deduct	*-0.09*
		For >1000 To 2000, Deduct	*-0.13*
		For >2000 To 5000, Deduct	*-0.17*
		For >5000, Deduct	*-0.22*
33 13 00 00-0009	LF	>12" To 16" Diameter Pipe Water Main Disinfection/Sterilization	0.98
		For >250 To 500, Deduct	*-0.05*
		For >500 To 1000, Deduct	*-0.10*
		For >1000 To 2000, Deduct	*-0.15*
		For >2000 To 5000, Deduct	*-0.20*
		For >5000, Deduct	*-0.25*
33 13 00 00-0010	LF	>16" To 24" Diameter Pipe Water Main Disinfection/Sterilization	1.12
		For >250 To 500, Deduct	*-0.06*
		For >500 To 1000, Deduct	*-0.11*
		For >1000 To 2000, Deduct	*-0.17*
		For >2000 To 5000, Deduct	*-0.22*
		For >5000, Deduct	*-0.28*
33 13 00 00-0011	LF	>24" To 30" Diameter Pipe Water Main Disinfection/Sterilization	1.32
		For >250 To 500, Deduct	*-0.07*
		For >500 To 1000, Deduct	*-0.13*
		For >1000 To 2000, Deduct	*-0.20*
		For >2000 To 5000, Deduct	*-0.26*
		For >5000, Deduct	*-0.33*
33 13 00 00-0012	LF	>30" To 42" Diameter Pipe Water Main Disinfection/Sterilization	1.70
		For >250 To 500, Deduct	*-0.09*
		For >500 To 1000, Deduct	*-0.17*
		For >1000 To 2000, Deduct	*-0.26*
		For >2000 To 5000, Deduct	*-0.34*
		For >5000, Deduct	*-0.43*
33 13 00 00-0013	LF	>42" To 60" Diameter Pipe Water Main Disinfection/Sterilization	2.49
		For >250 To 500, Deduct	*-0.12*
		For >500 To 1000, Deduct	*-0.25*
		For >1000 To 2000, Deduct	*-0.37*
		For >2000 To 5000, Deduct	*-0.50*
		For >5000, Deduct	*-0.62*
33 13 00 00-0014	LF	>60" Diameter Pipe Water Main Disinfection/Sterilization	3.44
		For >250 To 500, Deduct	*-0.17*
		For >500 To 1000, Deduct	*-0.34*
		For >1000 To 2000, Deduct	*-0.52*
		For >2000 To 5000, Deduct	*-0.69*
		For >5000, Deduct	*-0.86*

33 20 Wells *(33)*

33 21 Water Supply Wells *(33 20)*

33 21 00 00-0001 Submersible Well Pumps *(33 21)*

Note: Includes pump end, motor and control box.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 21 00 00-0002		**4" Submersible Well Pumps** *(33 21 00 00-0001)*		
33 21 00 00-0003		**Powder Coated Case And Cast Iron Ends** *(33 21 00 00-0002)*		
33 21 00 00-0004	EA	1/2 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,081.99	334.58
33 21 00 00-0005	EA	3/4 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,236.72	370.84
33 21 00 00-0006	EA	1 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,372.28	412.04
33 21 00 00-0007		**Stainless Steel Case And Ends** *(33 21 00 00-0002)*		
33 21 00 00-0008	EA	1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,247.02	329.63
33 21 00 00-0009	EA	3/4 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,425.50	370.84
33 21 00 00-0010	EA	1 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,600.60	412.04
33 21 00 00-0011	EA	1-1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,845.77	453.24
33 21 00 00-0012	EA	2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,101.11	494.44
33 21 00 00-0013	EA	3 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,605.02	576.85
33 21 00 00-0014	EA	5 HP Submersible Well Pump, 4" Diameter Stainless Steel	3,320.28	659.26
33 21 00 00-0015		**6" Submersible Well Pumps** *(33 21 00 00-0001)*		
33 21 00 00-0016	EA	5 HP Submersible Well Pump, 6" Diameter Stainless Steel	3,108.50	824.08
33 21 00 00-0017	EA	7.5 HP Submersible Well Pump, 6" Diameter Stainless Steel	3,613.43	906.49
33 21 00 00-0018	EA	10 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,140.06	988.90
33 21 00 00-0019	EA	15 HP Submersible Well Pump, 6" Diameter Stainless Steel	5,280.11	1,153.71

33 30 Sanitary Sewerage Utilities *(33)*

33 31 Sanitary Utility Sewerage Piping *(33 30)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 31 00 00-0001		**Plastic Sewer And Drain Piping** *(33 31)*		
33 31 00 00-0002		**Schedule 40 ABS-PVC Sewer And Drain Pipe** *(33 31 00 00-0001)* Note: Acrylonitrile Butadiene Styrene - Polyvinyl Chloride drain waste pipe and fittings. (ABS - ASTM D2661, PVC - ASTM D2665).		
33 31 00 00-0003	LF	1-1/2" Schedule 40 ABS-PVC Sewer And Drain Pipe	3.98	2.36
33 31 00 00-0004	LF	2" Schedule 40 ABS-PVC Sewer And Drain Pipe	4.83	2.86
33 31 00 00-0005	LF	3" Schedule 40 ABS-PVC Sewer And Drain Pipe	7.28	4.07
33 31 00 00-0006	LF	4" Schedule 40 ABS-PVC Sewer And Drain Pipe	8.33	4.43
33 31 00 00-0007	LF	6" Schedule 40 ABS-PVC Sewer And Drain Pipe	11.45	5.71
33 31 00 00-0008	LF	8" Schedule 40 ABS-PVC Sewer And Drain Pipe	17.19	7.64
33 31 00 00-0009	LF	10" Schedule 40 ABS-PVC Sewer And Drain Pipe	25.04	10.14
33 31 00 00-0010		**Belled End PVC Sewer And Drain Pipe** *(33 31 00 00-0001)* Note: D-2729 PVC pipe.		
33 31 00 00-0011	LF	3" Belled End PVC Sewer And Drain Pipe	6.83	4.16
33 31 00 00-0012	LF	4" Belled End PVC Sewer And Drain Pipe	8.55	5.26
33 31 00 00-0013	LF	6" Belled End PVC Sewer And Drain Pipe	13.15	7.89
33 31 00 00-0014		**ABS-PVC Sewer And Drain Fittings** *(33 31 00 00-0001)* Note: Schedule 40.		
33 31 00 00-0015		**1/4 Bends, ABS-PVC Sewer And Drain** *(33 31 00 00-0014)*		
33 31 00 00-0016	EA	1-1/2" 1/4 Bend, ABS-PVC Sewer And Drain	14.75	9.50
33 31 00 00-0017	EA	2" 1/4 Bend, ABS-PVC Sewer And Drain	19.01	12.28
33 31 00 00-0018	EA	3" 1/4 Bend, ABS-PVC Sewer And Drain	26.69	16.49
33 31 00 00-0019	EA	4" 1/4 Bend, ABS-PVC Sewer And Drain	32.63	19.07
33 31 00 00-0020	EA	6" 1/4 Bend, ABS-PVC Sewer And Drain	61.91	24.78
33 31 00 00-0021	EA	8" 1/4 Bend, ABS-PVC Sewer And Drain	92.31	33.35
33 31 00 00-0022	EA	10" 1/4 Bend, ABS-PVC Sewer And Drain	122.46	44.42
33 31 00 00-0023		**1/8 Bends, ABS-PVC Sewer And Drain** *(33 31 00 00-0014)*		
33 31 00 00-0024	EA	1-1/2" 1/8 Bend, ABS-PVC Sewer And Drain	14.86	9.50
33 31 00 00-0025	EA	2" 1/8 Bend, ABS-PVC Sewer And Drain	19.00	12.28
33 31 00 00-0026	EA	3" 1/8 Bend, ABS-PVC Sewer And Drain	26.53	16.49
33 31 00 00-0027	EA	4" 1/8 Bend, ABS-PVC Sewer And Drain	31.81	19.07
33 31 00 00-0028	EA	6" 1/8 Bend, ABS-PVC Sewer And Drain	59.82	24.78
33 31 00 00-0029	EA	8" 1/8 Bend, ABS-PVC Sewer And Drain	87.45	33.35
33 31 00 00-0030	EA	10" 1/8 Bend, ABS-PVC Sewer And Drain	108.16	44.42
33 31 00 00-0031		**Long Sweep 1/4 Bends, ABS-PVC Sewer And Drain** *(33 31 00 00-0014)*		
33 31 00 00-0032	EA	1-1/2" Long Sweep 1/4 Bend, ABS-PVC Sewer And Drain	15.92	9.35
33 31 00 00-0033	EA	2" Long Sweep 1/4 Bend, ABS-PVC Sewer And Drain	19.79	12.28
33 31 00 00-0034	EA	3" Long Sweep 1/4 Bend, ABS-PVC Sewer And Drain	29.26	16.86
33 31 00 00-0035	EA	4" Long Sweep 1/4 Bend, ABS-PVC Sewer And Drain	38.57	20.57
33 31 00 00-0036	EA	6" Long Sweep 1/4 Bend, ABS-PVC Sewer And Drain	53.19	23.78
33 31 00 00-0037	EA	8" Long Sweep 1/4 Bend, ABS-PVC Sewer And Drain	73.66	27.14
33 31 00 00-0038	EA	10" Long Sweep 1/4 Bend, ABS-PVC Sewer And Drain	103.13	31.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 00 00-0039		**1/16 Bends, ABS-PVC Sewer And Drain** *(33 31 00 00-0014)*		
33 31 00 00-0040	EA	1-1/2" 1/16 Bend, ABS-PVC Sewer And Drain	15.41	9.71
33 31 00 00-0041	EA	2" 1/16 Bend, ABS-PVC Sewer And Drain	19.65	12.55
33 31 00 00-0042	EA	3" 1/16 Bend, ABS-PVC Sewer And Drain	27.77	16.86
33 31 00 00-0043	EA	4" 1/16 Bend, ABS-PVC Sewer And Drain	33.73	19.49
33 31 00 00-0044	EA	6" 1/16 Bend, ABS-PVC Sewer And Drain	69.68	25.33
33 31 00 00-0045	EA	8" 1/16 Bend, ABS-PVC Sewer And Drain	103.54	34.09
33 31 00 00-0046	EA	10" 1/16 Bend, ABS-PVC Sewer And Drain	126.22	45.41
33 31 00 00-0047		**Reducers, ABS-PVC Sewer And Drain** *(33 31 00 00-0014)*		
33 31 00 00-0048	EA	2" x 1-1/2" Reducer, ABS-PVC Sewer And Drain	19.36	12.28
33 31 00 00-0049	EA	3" x 1-1/2" Reducer, ABS-PVC Sewer And Drain	28.43	16.86
33 31 00 00-0050	EA	3" x 2" Reducer, ABS-PVC Sewer And Drain	27.92	16.86
33 31 00 00-0051	EA	4" x 2" Reducer, ABS-PVC Sewer And Drain	33.70	19.07
33 31 00 00-0052	EA	4" x 3" Reducer, ABS-PVC Sewer And Drain	33.94	19.07
33 31 00 00-0053	EA	6" x 4" Reducer, ABS-PVC Sewer And Drain	58.98	24.78
33 31 00 00-0054	EA	8" x 6" Reducer, ABS-PVC Sewer And Drain	111.42	29.28
33 31 00 00-0055	EA	10" x 4" Reducer, ABS-PVC Sewer And Drain	106.08	54.09
33 31 00 00-0056	EA	10" x 6" Reducer, ABS-PVC Sewer And Drain	120.06	54.09
33 31 00 00-0057	EA	10" x 8" Reducer, ABS-PVC Sewer And Drain	114.53	54.09
33 31 00 00-0058		**Sanitary Tees, ABS-PVC Sewer And Drain** *(33 31 00 00-0014)*		
33 31 00 00-0059	EA	1-1/2" Sanitary Tee, ABS-PVC Sewer And Drain	22.85	14.67
33 31 00 00-0060	EA	2" Sanitary Tee, ABS-PVC Sewer And Drain	29.66	18.98
33 31 00 00-0061	EA	3" Sanitary Tee, ABS-PVC Sewer And Drain	40.89	25.04
33 31 00 00-0062	EA	4" Sanitary Tee, ABS-PVC Sewer And Drain	52.90	31.10
33 31 00 00-0063	EA	6" Sanitary Tee, ABS-PVC Sewer And Drain	87.75	34.09
33 31 00 00-0064	EA	8" Sanitary Tee, ABS-PVC Sewer And Drain	115.49	45.41
33 31 00 00-0065		**Wyes, ABS-PVC Sewer And Drain** *(33 31 00 00-0014)*		
33 31 00 00-0066	EA	1-1/2" Wye, ABS-PVC Sewer And Drain	23.25	14.36
33 31 00 00-0067	EA	2" Wye, ABS-PVC Sewer And Drain	29.55	18.57
33 31 00 00-0068	EA	3" Wye, ABS-PVC Sewer And Drain	40.73	24.50
33 31 00 00-0069	EA	4" Wye, ABS-PVC Sewer And Drain	52.95	30.43
33 31 00 00-0070	EA	6" Wye, ABS-PVC Sewer And Drain	82.68	33.35
33 31 00 00-0071	EA	8" Wye, ABS-PVC Sewer And Drain	106.52	44.42
33 31 00 00-0072	EA	10" Wye, ABS-PVC Sewer And Drain	141.18	59.28
33 31 00 00-0073		**Reducing Wyes, ABS-PVC Sewer And Drain** *(33 31 00 00-0014)*		
33 31 00 00-0074	EA	2" x 1-1/2" x 1-1/2" Reducing Wye, ABS-PVC Sewer And Drain	24.61	14.36
33 31 00 00-0075	EA	2" x 2" x 1" Reducing Wye, ABS-PVC Sewer And Drain	30.87	18.57
33 31 00 00-0076	EA	3" x 3" x 2" Reducing Wye, ABS-PVC Sewer And Drain	39.83	24.50
33 31 00 00-0077	EA	4" x 4" x 2" Reducing Wye, ABS-PVC Sewer And Drain	51.51	30.43
33 31 00 00-0078	EA	4" x 4" x 3" Reducing Wye, ABS-PVC Sewer And Drain	52.50	30.43
33 31 00 00-0079		**Double Wyes, ABS-PVC Sewer And Drain** *(33 31 00 00-0014)*		
33 31 00 00-0080	EA	1-1/2" Double Wye, ABS-PVC Sewer And Drain	31.50	18.57
33 31 00 00-0081	EA	2" Double Wye, ABS-PVC Sewer And Drain	41.53	24.50
33 31 00 00-0082	EA	3" Double Wye, ABS-PVC Sewer And Drain	61.83	33.07
33 31 00 00-0083	EA	4" Double Wye, ABS-PVC Sewer And Drain	84.88	39.99
33 31 00 00-0084	EA	2" x 2" x 1-1/2" x 1-1/2 Double Wye, ABS-PVC Sewer And Drain	41.12	24.50
33 31 00 00-0085	EA	3" x 3" x 2" x 2" Double Wye, ABS-PVC Sewer And Drain	58.70	33.07
33 31 00 00-0086	EA	4" x 4" x 3" x 3" Double Wye, ABS-PVC Sewer And Drain	79.70	39.99
33 31 00 00-0087		**Combination Wye And 1/8 Bends, ABS-PVC Sewer And Drain** *(33 31 00 00-0014)*		
33 31 00 00-0088	EA	1-1/2" Combination Wye And 1/8 Bend, ABS-PVC Sewer And Drain	24.33	14.36
33 31 00 00-0089	EA	2" Combination Wye And 1/8 Bend, ABS-PVC Sewer And Drain	31.23	18.57
33 31 00 00-0090	EA	3" Combination Wye And 1/8 Bend, ABS-PVC Sewer And Drain	45.81	24.50
33 31 00 00-0091	EA	4" Combination Wye And 1/8 Bend, ABS-PVC Sewer And Drain	64.34	30.43
33 31 00 00-0092	EA	2" x 2" x 1-1/2" Combination Wye And 1/8 Bend, ABS-PVC Sewer And Drain	34.91	18.57
33 31 00 00-0093	EA	3" x 3" x 1-1/2" Combination Wye And 1/8 Bend, ABS-PVC Sewer And Drain	49.14	24.50
33 31 00 00-0094	EA	3" x 3" x 2" Combination Wye And 1/8 Bend, ABS-PVC Sewer And Drain	44.50	24.50
33 31 00 00-0095	EA	4" x 4" x 2" Combination Wye And 1/8 Bend, ABS-PVC Sewer And Drain	62.78	30.43
33 31 00 00-0096	EA	4" x 4" x 3" Combination Wye And 1/8 Bend, ABS-PVC Sewer And Drain	64.21	30.43
33 31 00 00-0097		**Double Combination Wye And 1/8 Bends, ABS-PVC Sewer And Drain** *(33 31 00 00-0014)*		
33 31 00 00-0098	EA	1-1/2" Double Combination Wye And 1/8 Bend, ABS-PVC Sewer And Drain	32.34	18.57
33 31 00 00-0099	EA	2" Double Combination Wye And 1/8 Bend, ABS-PVC Sewer And Drain	41.62	24.50
33 31 00 00-0100	EA	3" Double Combination Wye And 1/8 Bend, ABS-PVC Sewer And Drain	57.98	33.07
33 31 00 00-0101	EA	4" Double Combination Wye And 1/8 Bend, ABS-PVC Sewer And Drain	104.35	39.99
33 31 00 00-0102	EA	6" Double Combination Wye And 1/8 Bend, ABS-PVC Sewer And Drain	227.44	44.28
33 31 00 00-0103		**Clean Out Tees With Plug, ABS-PVC Sewer And Drain** *(33 31 00 00-0014)*		
33 31 00 00-0104	EA	4" Clean Out Tees With Plug, ABS-PVC Sewer And Drain	142.57	76.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 00 00-0105	EA	6" Clean Out Tees With Plug, ABS-PVC Sewer And Drain	228.25	98.99
33 31 00 00-0106	EA	8" Clean Out Tees With Plug, ABS-PVC Sewer And Drain	308.62	139.51
33 31 00 00-0107	EA	10" Clean Out Tees With Plug, ABS-PVC Sewer And Drain	468.31	224.42
33 31 00 00-0108		**Couplings, ABS-PVC Sewer And Drain** *(33 31 00 00-0014)*		
33 31 00 00-0109	EA	1-1/2" Coupling, ABS-PVC Sewer And Drain	14.71	9.50
33 31 00 00-0110	EA	2" Coupling, ABS-PVC Sewer And Drain	18.77	12.21
33 31 00 00-0111	EA	3" Coupling, ABS-PVC Sewer And Drain	25.79	16.35
33 31 00 00-0112	EA	4" Coupling, ABS-PVC Sewer And Drain	30.57	19.07
33 31 00 00-0113	EA	6" Coupling, ABS-PVC Sewer And Drain	48.23	24.78
33 31 00 00-0114	EA	8" Coupling, ABS-PVC Sewer And Drain	81.86	33.35
33 31 00 00-0115	EA	10" Coupling, ABS-PVC Sewer And Drain	116.05	44.42
33 31 00 00-0116		**Adapters, ABS-PVC Sewer And Drain** *(33 31 00 00-0014)*		
33 31 00 00-0117	EA	4" Male, Plastic Pipe x Malleable Iron Pipe Adapter, Drain And Sewer Fitting	81.06	51.24
33 31 00 00-0118	EA	2" x 3" x 3" Downspout Adapter, Drain And Sewer Fitting	59.83	38.98
33 31 00 00-0119	EA	2" x 3" x 4" Downspout Adapter, Drain And Sewer Fitting	60.44	38.98
33 31 00 00-0120	EA	3" x 4" x 4" Downspout Adapter, Drain And Sewer Fitting	62.08	38.98
33 31 00 00-0121	EA	4" Hub, Cast Iron Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	81.51	51.24
33 31 00 00-0122	EA	4" Spigot, Clay Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	80.20	51.24
33 31 00 00-0123	EA	4" Spigot, Fiberglass Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	78.05	51.24
33 31 00 00-0124	EA	4" Drain Grate, Drain And Sewer Fitting	41.07	26.36
33 31 00 00-0125		**Caps, ABS-PVC Sewer And Drain** *(33 31 00 00-0014)*		
33 31 00 00-0126	EA	3" Cap, Drain And Sewer Fitting	19.43	10.44
33 31 00 00-0127	EA	4" Cap, Drain And Sewer Fitting	27.95	13.00
33 31 00 00-0128	EA	6" Cap, Drain And Sewer Fitting	45.48	16.78
33 31 00 00-0129		**Plug Cleanout, ABS-PVC Sewer And Drain** *(33 31 00 00-0014)*		
33 31 00 00-0130	EA	1-1/2" Plug Cleanout, ABS-PVC Sewer And Drain	15.32	9.71
33 31 00 00-0131	EA	2" Plug Cleanout, ABS-PVC Sewer And Drain	19.83	12.55
33 31 00 00-0132	EA	3" Plug Cleanout, ABS-PVC Sewer And Drain	27.76	16.86
33 31 00 00-0133	EA	4" Plug Cleanout, ABS-PVC Sewer And Drain	33.87	19.49
33 31 00 00-0134	EA	6" Plug Cleanout, ABS-PVC Sewer And Drain	50.34	25.33
33 31 00 00-0135	EA	8" Plug Cleanout, ABS-PVC Sewer And Drain	130.44	34.09
33 31 00 00-0136		**Gasketed SDR 35 PVC Pipe** *(33 31 00 00-0001)* Note: ASTM 3034.		
33 31 00 00-0137	LF	4" Gasketed SDR 35 PVC Pipe	7.48	3.40
33 31 00 00-0138	LF	6" Gasketed SDR 35 PVC Pipe	9.61	3.67
33 31 00 00-0139	LF	8" Gasketed SDR 35 PVC Pipe	12.50	3.99
33 31 00 00-0140	LF	10" Gasketed SDR 35 PVC Pipe	16.56	4.70
33 31 00 00-0141	LF	12" Gasketed SDR 35 PVC Pipe	20.43	4.85
33 31 00 00-0142	LF	15" Gasketed SDR 35 PVC Pipe	31.84	7.99
33 31 00 00-0143	LF	18" Gasketed SDR 35 PVC Pipe	42.74	10.28
33 31 00 00-0144	LF	21" Gasketed SDR 35 PVC Pipe	55.30	11.99
33 31 00 00-0145	LF	24" Gasketed SDR 35 PVC Pipe	67.07	13.70
33 31 00 00-0146	LF	27" Gasketed SDR 35 PVC Pipe	81.49	15.41
33 31 00 00-0147		**Solvent Weld SDR 35 PVC Pipe** *(33 31 00 00-0001)* Note: ASTM 3034.		
33 31 00 00-0148	LF	4" Solvent Weld SDR 35 PVC Pipe	6.72	3.40
33 31 00 00-0149	LF	6" Solvent Weld SDR 35 PVC Pipe	8.26	3.67
33 31 00 00-0150	LF	8" Solvent Weld SDR 35 PVC Pipe	10.29	3.99
33 31 00 00-0151		**Gasketed SDR 35 PVC Fittings** *(33 31 00 00-0001)* Note: ASTM 3034.		
33 31 00 00-0152		**1/4 Bends, Gasketed SDR 35 PVC** *(33 31 00 00-0151)*		
33 31 00 00-0153	EA	4" 1/4 Bend, Gasketed SDR 35 PVC	42.56	17.56
33 31 00 00-0154	EA	6" 1/4 Bend, Gasketed SDR 35 PVC	58.50	20.43
33 31 00 00-0155	EA	8" 1/4 Bend, Gasketed SDR 35 PVC	106.42	23.15
33 31 00 00-0156	EA	10" 1/4 Bend, Gasketed SDR 35 PVC	272.82	27.23
33 31 00 00-0157	EA	12" 1/4 Bend, Gasketed SDR 35 PVC	352.14	34.72
33 31 00 00-0158		**1/8 Bends, Gasketed SDR 35 PVC** *(33 31 00 00-0151)*		
33 31 00 00-0159	EA	4" 1/8 Bend, Gasketed SDR 35 PVC	39.83	17.56
33 31 00 00-0160	EA	6" 1/8 Bend, Gasketed SDR 35 PVC	55.48	20.43
33 31 00 00-0161	EA	8" 1/8 Bend, Gasketed SDR 35 PVC	98.81	23.15
33 31 00 00-0162	EA	10" 1/8 Bend, Gasketed SDR 35 PVC	201.11	27.23
33 31 00 00-0163	EA	12" 1/8 Bend, Gasketed SDR 35 PVC	283.96	34.72
33 31 00 00-0164	EA	15" 1/8 Bend, Gasketed SDR 35 PVC	587.96	49.02
33 31 00 00-0165	EA	18" 1/8 Bend, Gasketed SDR 35 PVC	926.05	69.45
33 31 00 00-0166	EA	21" 1/8 Bend, Gasketed SDR 35 PVC	1,525.52	91.92
33 31 00 00-0167	EA	24" 1/8 Bend, Gasketed SDR 35 PVC	2,077.79	122.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 00 00-0168		**Sanitary Tees, Gasketed SDR 35 PVC** *(33 31 00 00-0151)*		
33 31 00 00-0169	EA	4" Sanitary Tees, Gasketed SDR 35 PVC	64.25	26.35
33 31 00 00-0170	EA	6" x 4" Sanitary Tees, Gasketed SDR 35 PVC	92.67	29.21
33 31 00 00-0171	EA	6" Sanitary Tees, Gasketed SDR 35 PVC	102.37	30.64
33 31 00 00-0172	EA	8" x 4" Sanitary Tees, Gasketed SDR 35 PVC	111.58	32.07
33 31 00 00-0173	EA	8" x 6" Sanitary Tees, Gasketed SDR 35 PVC	125.15	33.50
33 31 00 00-0174	EA	8" Sanitary Tees, Gasketed SDR 35 PVC	215.93	34.93
33 31 00 00-0175	EA	10" x 4" Sanitary Tees, Gasketed SDR 35 PVC	269.27	35.74
33 31 00 00-0176	EA	10" x 6" Sanitary Tees, Gasketed SDR 35 PVC	302.67	37.45
33 31 00 00-0177	EA	10" x 8" Sanitary Tees, Gasketed SDR 35 PVC	433.59	38.87
33 31 00 00-0178	EA	10" Sanitary Tees, Gasketed SDR 35 PVC	557.18	40.85
33 31 00 00-0179	EA	12" x 4" Sanitary Tees, Gasketed SDR 35 PVC	330.93	43.51
33 31 00 00-0180	EA	12" x 6" Sanitary Tees, Gasketed SDR 35 PVC	350.30	44.94
33 31 00 00-0181	EA	12" x 8" Sanitary Tees, Gasketed SDR 35 PVC	485.41	46.36
33 31 00 00-0182	EA	12" x 10" Sanitary Tees, Gasketed SDR 35 PVC	685.08	48.34
33 31 00 00-0183	EA	12" Sanitary Tees, Gasketed SDR 35 PVC	770.12	52.09
33 31 00 00-0184		**Wyes, Gasketed SDR 35 PVC** *(33 31 00 00-0151)*		
33 31 00 00-0185	EA	4" Wye, Gasketed SDR 35 PVC	62.13	26.35
33 31 00 00-0186	EA	6" x 4" Wye, Gasketed SDR 35 PVC	85.61	29.21
33 31 00 00-0187	EA	6" Wye, Gasketed SDR 35 PVC	92.88	30.64
33 31 00 00-0188	EA	8" x 4" Wye, Gasketed SDR 35 PVC	108.55	32.07
33 31 00 00-0189	EA	8" x 6" Wye, Gasketed SDR 35 PVC	121.53	33.50
33 31 00 00-0190	EA	8" Wye, Gasketed SDR 35 PVC	172.76	34.93
33 31 00 00-0191	EA	10" x 4" Wye, Gasketed SDR 35 PVC	248.96	36.02
33 31 00 00-0192	EA	10" x 6" Wye, Gasketed SDR 35 PVC	254.54	37.45
33 31 00 00-0193	EA	10" x 8" Wye, Gasketed SDR 35 PVC	368.79	38.87
33 31 00 00-0194	EA	10" Wye, Gasketed SDR 35 PVC	406.35	40.85
33 31 00 00-0195	EA	12" x 4" Wye, Gasketed SDR 35 PVC	313.83	43.51
33 31 00 00-0196	EA	12" x 6" Wye, Gasketed SDR 35 PVC	323.73	44.94
33 31 00 00-0197	EA	12" x 8" Wye, Gasketed SDR 35 PVC	449.00	46.36
33 31 00 00-0198	EA	12" x 10" Wye, Gasketed SDR 35 PVC	534.89	48.34
33 31 00 00-0199	EA	12" Wye, Gasketed SDR 35 PVC	559.82	52.09
33 31 00 00-0200	EA	15" x 10" Wye, Gasketed SDR 35 PVC	688.65	62.65
33 31 00 00-0201	EA	15" x 12" Wye, Gasketed SDR 35 PVC	761.51	66.38
33 31 00 00-0202	EA	15" Wye, Gasketed SDR 35 PVC	944.39	73.54
33 31 00 00-0203		**Couplings, Gasketed SDR 35 PVC** *(33 31 00 00-0151)*		
33 31 00 00-0204	EA	4" Coupling, Gasketed SDR 35 PVC	42.32	17.56
33 31 00 00-0205	EA	6" Coupling, Gasketed SDR 35 PVC	60.11	20.43
33 31 00 00-0206	EA	8" Coupling, Gasketed SDR 35 PVC	83.07	23.29
33 31 00 00-0207	EA	10" Coupling, Gasketed SDR 35 PVC	143.63	27.23
33 31 00 00-0208	EA	12" Coupling, Gasketed SDR 35 PVC	200.59	34.72
33 31 00 00-0209	EA	15" Coupling, Gasketed SDR 35 PVC	376.98	49.02
33 31 00 00-0210	EA	18" Coupling, Gasketed SDR 35 PVC	690.54	69.45
33 31 00 00-0211	EA	21" Coupling, Gasketed SDR 35 PVC	1,132.79	91.92
33 31 00 00-0212	EA	24" Coupling, Gasketed SDR 35 PVC	1,631.30	122.55
33 31 00 00-0213		**Increaser, Gasketed SDR 35 PVC** *(33 31 00 00-0151)*		
33 31 00 00-0214	EA	6" x 4" Increaser, Gasketed SDR 35 PVC	69.11	19.00
33 31 00 00-0215	EA	8" x 4" Increaser, Gasketed SDR 35 PVC	93.51	20.43
33 31 00 00-0216	EA	8" x 6" Increaser, Gasketed SDR 35 PVC	98.87	21.85
33 31 00 00-0217	EA	10" x 6" Increaser, Gasketed SDR 35 PVC	202.03	23.83
33 31 00 00-0218	EA	10" x 8" Increaser, Gasketed SDR 35 PVC	230.46	25.26
33 31 00 00-0219	EA	12" x 6" Increaser, Gasketed SDR 35 PVC	257.00	27.58
33 31 00 00-0220	EA	12" x 8" Increaser, Gasketed SDR 35 PVC	292.81	29.00
33 31 00 00-0221	EA	12" x 10" Increaser, Gasketed SDR 35 PVC	333.87	30.98
33 31 00 00-0222	EA	15" x 12" Increaser, Gasketed SDR 35 PVC	498.81	41.87
33 31 00 00-0223		**Saddle Wye With Stainless Steel Clamps, SDR 35 PVC** *(33 31 00 00-0151)*		
33 31 00 00-0224	EA	6" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 PVC	61.02	
33 31 00 00-0225	EA	8" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 PVC	78.59	
33 31 00 00-0226	EA	8" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 PVC	79.90	
33 31 00 00-0227	EA	10" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 PVC	122.51	
33 31 00 00-0228	EA	10" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 PVC	127.99	
33 31 00 00-0229	EA	10" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 PVC	222.21	
33 31 00 00-0230	EA	12" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 PVC	141.28	
33 31 00 00-0231	EA	12" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 PVC	151.55	
33 31 00 00-0232	EA	12" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 PVC	303.68	
33 31 00 00-0233	EA	12" x 10" Saddle Wye With Stainless Steel Clamps, SDR 35 PVC	353.12	
33 31 00 00-0234	EA	15" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 PVC	169.60	
33 31 00 00-0235	EA	15" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 PVC	178.56	
33 31 00 00-0236		**Saddle Tee With Stainless Steel Clamps, SDR 35 PVC** *(33 31 00 00-0151)*		
33 31 00 00-0237	EA	6" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 PVC	64.09	
33 31 00 00-0238	EA	8" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 PVC	78.59	
33 31 00 00-0239	EA	8" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 PVC	84.07	
33 31 00 00-0240	EA	10" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 PVC	114.38	
33 31 00 00-0241	EA	10" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 PVC	127.33	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 00 00-0242	EA	10" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 PVC	181.32	
33 31 00 00-0243	EA	12" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 PVC	140.63	
33 31 00 00-0244	EA	12" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 PVC	150.93	
33 31 00 00-0245	EA	12" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 PVC	212.10	
33 31 00 00-0246	EA	12" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 PVC	252.03	
33 31 00 00-0247	EA	15" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 PVC	169.19	
33 31 00 00-0248	EA	15" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 PVC	175.52	
33 31 00 00-0249	EA	15" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 PVC	265.97	
33 31 00 00-0250	EA	15" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 PVC	290.07	
33 31 00 00-0251	EA	15" x 12" Saddle Tee With Stainless Steel Clamps, SDR 35 PVC	393.62	

33 31 00 00-0252 Couplings And Plug Fittings *(33 31)*

33 31 00 00-0253 CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Couplings *(33 31 00 00-0252)*

Note: For cast iron or plastic to cast iron to plastic pipe (CI/Plastic To CI/Plastic). Includes stainless steel clamps. Fernco 1056.

33 31 00 00-0254	EA	1-1/2" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	13.30	4.84
33 31 00 00-0255	EA	2" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	14.57	5.65
33 31 00 00-0256	EA	3" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	16.79	6.45
33 31 00 00-0257	EA	4" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	18.98	6.85
33 31 00 00-0258	EA	5" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	23.05	7.26
33 31 00 00-0259	EA	6" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	27.14	8.06
33 31 00 00-0260	EA	8" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	34.21	8.87
33 31 00 00-0261	EA	10" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	41.98	9.27
33 31 00 00-0262	EA	12" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	80.52	9.68
33 31 00 00-0263	EA	15" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	110.44	10.48
33 31 00 00-0264	EA	18" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	215.46	10.89
33 31 00 00-0265	EA	21" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	250.66	11.50
33 31 00 00-0266	EA	24" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	277.88	12.10
33 31 00 00-0267	EA	27" CI/Plastic To CI/Plastic, Elastomeric PVC Flexible Pipe Coupling	333.21	12.90

33 31 00 00-0268 Cast Iron Service Saddles With U Bolt *(33 31)*

33 31 00 00-0269	EA	2" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	84.57	
33 31 00 00-0270	EA	3" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	85.22	
33 31 00 00-0271	EA	3" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	93.40	
33 31 00 00-0272	EA	4" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	91.12	
33 31 00 00-0273	EA	4" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	103.76	
33 31 00 00-0274	EA	4" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	118.03	
33 31 00 00-0275	EA	4" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	140.31	
33 31 00 00-0276	EA	6" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	120.55	
33 31 00 00-0277	EA	6" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	128.05	
33 31 00 00-0278	EA	6" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	151.45	
33 31 00 00-0279	EA	4" Diameter x 1-1/2" Tapped Wye Cast Iron Service Saddle With U Bolt	94.80	
33 31 00 00-0280	EA	4" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt	102.98	
33 31 00 00-0281	EA	4" Diameter x 3" Hub Wye Cast Iron Service Saddle With U Bolt	126.61	
33 31 00 00-0282	EA	4" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	150.86	
33 31 00 00-0283	EA	6" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	164.59	

33 32 Wastewater Utility Pumping Stations *(33 30)*

33 32 16 Packaged Utility Wastewater Pumping Stations *(33 32)*

33 32 16 13 Packaged Sewage Grinder Pumping Units *(33 32 16)*

33 32 16 13-0001 Submersible Grinder Pumps, Cast Iron With Bronze Impeller *(33 32 16 13)*

33 32 16 13-0002	EA	2 HP Submersible Grinder Pump, 200/208, 230V, 1 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.	2,037.45	309.94
33 32 16 13-0003	EA	2 HP Submersible Grinder Pump, 200/208, 230, 460V, 3 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.	2,008.15	309.94
33 32 16 13-0004	EA	Simplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.	967.47	103.28
33 32 16 13-0005	EA	Duplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.	1,512.03	103.28
33 32 16 13-0006	EA	Grinder Pump, 120 Gallon Sewage Basin, 1 HP, 120 V Environment One Model 2012-74	7,087.90	

33 32 16 13-0007 Submersible Grinder Pumps *(33 32 16 13)*

Note: Includes 50' of cord with pumps unless otherwise noted.

33 32 16 13-0008	EA	2 HP Submersible Grinder Pump @ 3450RPM, Explosion Proof	3,289.73	494.44
33 32 16 13-0009	EA	3 HP Submersible Grinder Pump @ 3450RPM, Explosion Proof	5,031.30	576.85
33 32 16 13-0010	EA	5 HP Submersible Grinder Pump @ 3450RPM, Explosion Proof	6,136.37	741.67

33 39 Sanitary Utility Sewerage Structures *(33 30)*

33 39 13 Sanitary Utility Sewerage Manholes, Frames, And Covers *(33 39)*

See CSI section 22 13 19 26-0043 for oil interceptors, 22 13 23 00-0000 for sediment interceptors, 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill, 33 44 19 00-0000 for oil separators.

33 39 13 00-0001 Manholes *(33 39 13)*

33 39 13 00-0002 Cast In Place Concrete, 8" Thick *(33 39 13 00-0001)*

Note: Includes base, wall, top and block-out for openings.

33 39 13 00-0003 48" Diameter *(33 39 13 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 39 13 00-0004	EA	4' Diameter x 4' Deep Cast In Place Manhole 8" Thick	1,420.93	471.05
33 39 13 00-0005	EA	4' Diameter x 6' Deep Cast In Place Manhole 8" Thick	1,959.03	644.46
33 39 13 00-0006	EA	4' Diameter x 8' Deep Cast In Place Manhole 8" Thick	2,793.64	966.12
33 39 13 00-0007	VLF	4' Diameter x Vertical Linear Foot Depth Cast In Place Manhole 8" Thick, Over 8'	345.37	120.82

33 39 13 00-0008 Precast Concrete Manholes *(33 39 13 00-0001)*

Note: Includes base, riser(s), reducer and openings. See CSI section 33 39 13 00-0044 for top slabs.

33 39 13 00-0009 3' Diameter, 8" Thick Walls *(33 39 13 00-0008)*

33 39 13 00-0010	EA	3' Diameter x 4' Deep Precast Manhole 8" Thick	900.84	222.95
		For 6" Thick Wall, Deduct	*-67.79*	
33 39 13 00-0011	EA	3' Diameter x 6' Deep Precast Manhole 8" Thick	1,256.26	304.89
		For 6" Thick Wall, Deduct	*-95.14*	
33 39 13 00-0012	EA	3' Diameter x 8' Deep Precast Manhole 8" Thick	1,752.69	457.34
		For 6" Thick Wall, Deduct	*-129.54*	
33 39 13 00-0013	VLF	3' Diameter x Vertical Linear Foot Depth Precast Manhole 8" Thick, Over 8'	216.09	60.97
		For 6" Thick Wall, Deduct	*-15.89*	

33 39 13 00-0014 3'-6" Diameter, 8" Thick Walls *(33 39 13 00-0008)*

33 39 13 00-0015	EA	3'-6" Diameter x 4' Deep Precast Manhole 8" Thick	1,009.70	232.48
		For 6" Thick Wall, Deduct	*-77.72*	
33 39 13 00-0016	EA	3'-6" Diameter x 6' Deep Precast Manhole 8" Thick	1,403.88	317.85
		For 6" Thick Wall, Deduct	*-108.60*	
33 39 13 00-0017	EA	3'-6" Diameter x 8' Deep Precast Manhole 8" Thick	1,944.39	476.39
		For 6" Thick Wall, Deduct	*-146.80*	
33 39 13 00-0018	VLF	3'-6" Diameter x Vertical Linear Foot Depth Precast Manhole 8" Thick, Over 8'	238.79	60.97
		For 6" Thick Wall, Deduct	*-17.93*	

33 39 13 00-0019 4' Diameter, 8" Thick Walls *(33 39 13 00-0008)*

33 39 13 00-0020	EA	4' Diameter x 4' Deep Precast Manhole 8" Thick	1,121.76	240.10
		For 6" Thick Wall, Deduct	*-88.01*	
33 39 13 00-0021	EA	4' Diameter x 6' Deep Precast Manhole 8" Thick	1,554.44	327.75
		For 6" Thick Wall, Deduct	*-122.41*	
33 39 13 00-0022	EA	4' Diameter x 8' Deep Precast Manhole 8" Thick	2,140.20	495.45
		For 6" Thick Wall, Deduct	*-164.48*	
33 39 13 00-0023	VLF	4' Diameter x Vertical Linear Foot Depth Precast Manhole 8" Thick, Over 8'	262.20	62.89
		For 6" Thick Wall, Deduct	*-20.03*	
33 39 13 00-0024	VLF	4' Diameter x Vertical Linear Foot Depth Precast Manhole PVC Lined Riser / Cone 8" Thick	315.10	62.89
		For 6" Thick Wall, Deduct	*-25.32*	

33 39 13 00-0025 5' Diameter, 8" Thick Walls *(33 39 13 00-0008)*

33 39 13 00-0026	EA	5' Diameter x 4' Deep Precast Manhole 8" Thick	1,373.07	266.78
		For 6" Thick Wall, Deduct	*-110.56*	
33 39 13 00-0027	EA	5' Diameter x 6' Deep Precast Manhole 8" Thick	1,887.98	365.87
		For 6" Thick Wall, Deduct	*-152.26*	
33 39 13 00-0028	EA	5' Diameter x 8' Deep Precast Manhole 8" Thick	2,572.55	548.80
		For 6" Thick Wall, Deduct	*-202.45*	
33 39 13 00-0029	VLF	5' Diameter x Vertical Linear Foot Depth Precast Manhole 8" Thick, Over 8'	313.40	68.60
		For 6" Thick Wall, Deduct	*-24.48*	
33 39 13 00-0030	VLF	5' Diameter x Vertical Linear Foot Depth Precast Manhole PVC Lined Riser / Cone 8" Thick	370.57	68.60
		For 6" Thick Wall, Deduct	*-30.20*	

33 39 13 00-0031 6' Diameter, 8" Thick Walls *(33 39 13 00-0008)*

33 39 13 00-0032	EA	6' Diameter x 4' Deep Precast Manhole 8" Thick	1,647.58	297.27
33 39 13 00-0033	EA	6' Diameter x 6' Deep Precast Manhole 8" Thick	2,248.84	403.98
33 39 13 00-0034	EA	6' Diameter x 8' Deep Precast Manhole 8" Thick	3,040.03	609.78
33 39 13 00-0035	VLF	6' Diameter x Vertical Linear Foot Depth Precast Manhole 8" Thick, Over 8'	367.94	76.22
33 39 13 00-0036	VLF	6' Diameter x Vertical Linear Foot Depth Precast Manhole PVC Lined Riser / Cone 8" Thick	420.85	76.22

33 39 13 00-0037 Brick Manholes *(33 39 13 00-0001)*

33 39 13 00-0038 4' Inside Diameter x 8" Wall (2 Brick) *(33 39 13 00-0037)*

33 39 13 00-0039	EA	4' Inside Diameter x 4' Deep Brick Manhole, 8" Wall	1,980.15	736.48
33 39 13 00-0040	EA	4' Inside Diameter x 6' Deep Brick Manhole, 8" Wall	2,898.91	1,084.64
33 39 13 00-0041	EA	4' Inside Diameter x 8' Deep Brick Manhole, 8" Wall	3,838.10	1,472.97
33 39 13 00-0042	VLF	4' Inside Diameter x Vertical Linear Foot Depth Brick Manhole, 8" Wall, Over 8'	496.72	184.12

33 39 13 00-0043 Manhole Accessories *(33 39 13)*

33 39 13 00-0044 Precast Concrete Manhole Tops *(33 39 13 00-0043)*

33 39 13 00-0045 Precast Slab Tops *(33 39 13 00-0044)*

33 39 13 00-0046	EA	3' Diameter x 8" Thick Precast Manhole Top Slab	372.33	57.17
33 39 13 00-0047	EA	3'-6" Diameter x 8" Thick Precast Manhole Top Slab	434.09	59.45
33 39 13 00-0048	EA	4' Diameter x 8" Thick Precast Manhole Top Slab	503.01	61.74
33 39 13 00-0049	EA	5' Diameter x 8" Thick Precast Manhole Top Slab	663.20	66.31
33 39 13 00-0050	EA	6' Diameter x 8" Thick Precast Manhole Top Slab	785.93	70.88

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 39 13 00-0051		Precast Cone Tops *(33 39 13 00-0044)*		
33 39 13 00-0052	EA	3' Diameter x 8" Thick Precast Manhole Top Cone	573.17	71.45
33 39 13 00-0053	EA	3'-6" Diameter x 8" Thick Precast Manhole Top Cone	632.48	74.32
33 39 13 00-0054	EA	4' Diameter x 8" Thick Precast Manhole Top Cone	691.81	77.17
33 39 13 00-0055	EA	5' Diameter x 8" Thick Precast Manhole Top Cone	806.62	81.94
33 39 13 00-0056	EA	6' Diameter x 8" Thick Precast Manhole Top Cone	925.28	87.65
33 39 13 00-0057		Pipe To Manhole Connector *(33 39 13 00-0043)*		
33 39 13 00-0058		EPDM Pipe To Manhole Boot Connectors *(33 39 13 00-0057)*		
33 39 13 00-0059	EA	4" EPDM Pipe To Manhole Boot Connector	50.96	
33 39 13 00-0060	EA	6" EPDM Pipe To Manhole Boot Connector	71.74	
33 39 13 00-0061	EA	8" EPDM Pipe To Manhole Boot Connector	81.04	
33 39 13 00-0062	EA	10" EPDM Pipe To Manhole Boot Connector	117.46	
33 39 13 00-0063	EA	12" EPDM Pipe To Manhole Boot Connector	162.03	
33 39 13 00-0064	EA	15" EPDM Pipe To Manhole Boot Connector	216.43	
33 39 13 00-0065	EA	18" EPDM Pipe To Manhole Boot Connector	377.74	
33 39 13 00-0066	EA	21" EPDM Pipe To Manhole Boot Connector	521.70	
33 39 13 00-0067	EA	24" EPDM Pipe To Manhole Boot Connector	808.51	
33 39 13 00-0068	EA	27" EPDM Pipe To Manhole Boot Connector	956.39	
33 39 13 00-0069		Elastomeric PVC Flexible Manhole Adapter And Grout *(33 39 13 00-0057)*		
		Note: Fernco CMA.		
33 39 13 00-0070	EA	4" Elastomeric PVC Flexible Manhole Adapter And Grout	70.57	
33 39 13 00-0071	EA	6" Elastomeric PVC Flexible Manhole Adapter And Grout	97.20	
33 39 13 00-0072	EA	8" Elastomeric PVC Flexible Manhole Adapter And Grout	122.57	
33 39 13 00-0073	EA	10" Elastomeric PVC Flexible Manhole Adapter And Grout	147.84	
33 39 13 00-0074	EA	12" Elastomeric PVC Flexible Manhole Adapter And Grout	171.69	
33 39 13 00-0075		Brick And Grout Pipe To Manhole Connector *(33 39 13 00-0057)*		
33 39 13 00-0076	EA	Seal Gap Between Pipe And Structure With Brick And Grout	173.08	
33 39 13 00-0077		Inverts For Manholes *(33 39 13 00-0043)*		
33 39 13 00-0078	EA	Single Channel Concrete Invert For Manholes	300.35	
33 39 13 00-0079	EA	Double Channel Concrete Invert For Manholes	434.50	
33 39 13 00-0080	EA	Triple Channel Concrete Invert For Manholes	584.72	
33 39 13 00-0081	EA	Quad Channel Concrete Invert For Manholes	734.92	
33 39 13 00-0082	EA	Single Channel Brick Invert For Manholes	423.45	
33 39 13 00-0083	EA	Double Channel Brick Invert For Manholes	634.22	
33 39 13 00-0084	EA	Triple Channel Brick Invert For Manholes	848.68	
33 39 13 00-0085	EA	Quad Channel Brick Invert For Manholes	1,060.37	
33 39 13 00-0086		Steps For Cast-In-Place Manholes *(33 39 13 00-0043)*		
		See CSI section 33 01 30 73-0095 for installation of steps in existing manholes.		
33 39 13 00-0087	EA	Cast Iron Manhole Step	54.14	
33 39 13 00-0088	EA	Galvanized Steel Manhole Step	38.52	
33 39 13 00-0089	EA	Aluminum Manhole Step	36.78	
33 39 13 00-0090	EA	Polypropylene Manhole Step	30.76	
33 39 13 00-0091		Protective Coating For New Manholes *(33 39 13 00-0043)*		
33 39 13 00-0092		Polyurethane Protective Coating For New Manholes *(33 39 13 00-0091)*		
33 39 13 00-0093	VLF	60 Mil Polyurethane Coating Of 3' Diameter Manhole Interior	130.17	
		For 80 Mil Material, Add	*17.38*	
		For 100 Mil Material, Add	*34.76*	
		For 125 Mil Material, Add	*54.60*	
		For 150 Mil Material, Add	*74.44*	
		For 200 Mil Material, Add	*109.08*	
		For 2 To 5 Manholes, Deduct	*-9.03*	
		For 6 To 10 Manholes, Deduct	*-14.80*	
		For >10 Manholes, Deduct	*-29.59*	
33 39 13 00-0094	VLF	60 Mil Polyurethane Coating Of 3-1/2' Diameter Manhole Interior	157.48	
		For 80 Mil Material, Add	*20.71*	
		For 100 Mil Material, Add	*41.41*	
		For 125 Mil Material, Add	*64.99*	
		For 150 Mil Material, Add	*88.56*	
		For 200 Mil Material, Add	*129.56*	
		For 2 To 5 Manholes, Deduct	*-10.95*	
		For 6 To 10 Manholes, Deduct	*-17.96*	
		For >10 Manholes, Deduct	*-35.93*	
33 39 13 00-0095	VLF	60 Mil Polyurethane Coating Of 4' Diameter Manhole Interior	173.55	
		For 80 Mil Material, Add	*23.17*	
		For 100 Mil Material, Add	*46.35*	
		For 125 Mil Material, Add	*72.80*	
		For 150 Mil Material, Add	*99.25*	
		For 200 Mil Material, Add	*145.44*	
		For 2 To 5 Manholes, Deduct	*-12.03*	
		For 6 To 10 Manholes, Deduct	*-19.73*	
		For >10 Manholes, Deduct	*-39.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 39 13 00-0096	VLF	60 Mil Polyurethane Coating Of 5' Diameter Manhole Interior	216.98	
		For 80 Mil Material, Add	*28.98*	
		For 100 Mil Material, Add	*57.96*	
		For 125 Mil Material, Add	*91.03*	
		For 150 Mil Material, Add	*124.11*	
		For 200 Mil Material, Add	*181.87*	
		For 2 To 5 Manholes, Deduct	*-15.04*	
		For 6 To 10 Manholes, Deduct	*-24.66*	
		For >10 Manholes, Deduct	*-49.33*	
33 39 13 00-0097	VLF	60 Mil Polyurethane Coating Of 6' Diameter Manhole Interior	251.41	
		For 80 Mil Material, Add	*34.10*	
		For 100 Mil Material, Add	*68.19*	
		For 125 Mil Material, Add	*107.21*	
		For 150 Mil Material, Add	*146.22*	
		For 200 Mil Material, Add	*214.63*	
		For 2 To 5 Manholes, Deduct	*-17.38*	
		For 6 To 10 Manholes, Deduct	*-28.48*	
		For >10 Manholes, Deduct	*-56.95*	

33 39 13 00-0098 PVC Liner *(33 39 13 00-0091)*

Note: For new manholes and shop applied.

33 39 13 00-0099	VLF	3' Diameter PVC Liner For New Manhole	138.64	
33 39 13 00-0100	VLF	3-1/2' Diameter PVC Liner For New Manhole	169.95	
33 39 13 00-0101	VLF	4' Diameter PVC Liner For New Manhole	207.40	
33 39 13 00-0102	VLF	5' Diameter PVC Liner For New Manhole	260.46	
33 39 13 00-0103	VLF	6' Diameter PVC Liner For New Manhole	313.51	
33 39 13 00-0104	SF	PVC Liner At Structures	20.22	

33 39 13 00-0105 Concrete Grade Extensions/Grade Rings *(33 39 13 00-0043)*

33 39 13 00-0106 18" Diameter *(33 39 13 00-0105)*

33 39 13 00-0107	EA	4" High, 8" Wall, 18" Diameter Concrete Grade Extension	69.59	
33 39 13 00-0108	EA	6" High, 8" Wall, 18" Diameter Concrete Grade Extension	76.65	
33 39 13 00-0109	EA	8" High, 8" Wall, 18" Diameter Concrete Grade Extension	83.70	
33 39 13 00-0110	EA	10" High, 8" Wall, 18" Diameter Concrete Grade Extension	85.16	

33 39 13 00-0111 24" Diameter *(33 39 13 00-0105)*

33 39 13 00-0112	EA	4" High, 8" Wall, 24" Diameter Concrete Grade Extension	78.21	
33 39 13 00-0113	EA	6" High, 8" Wall, 24" Diameter Concrete Grade Extension	86.23	
33 39 13 00-0114	EA	8" High, 8" Wall, 24" Diameter Concrete Grade Extension	94.25	
33 39 13 00-0115	EA	10" High, 8" Wall, 24" Diameter Concrete Grade Extension	102.27	

33 39 13 00-0116 30" Diameter *(33 39 13 00-0105)*

33 39 13 00-0117	EA	4" High, 8" Wall, 30" Diameter Concrete Grade Extension	86.63	
33 39 13 00-0118	EA	6" High, 8" Wall, 30" Diameter Concrete Grade Extension	95.58	
33 39 13 00-0119	EA	8" High, 8" Wall, 30" Diameter Concrete Grade Extension	104.52	
33 39 13 00-0120	EA	10" High, 8" Wall, 30" Diameter Concrete Grade Extension	113.46	

33 39 13 00-0121 Bentonite Collar *(33 39 13 00-0043)*

33 39 13 00-0122 Bentonite Collar At Manhole Connections *(33 39 13 00-0121)*

33 39 13 00-0123	EA	Up To 12" Pipe, Bentonite Collar At Manhole Connection	92.32	
33 39 13 00-0124	EA	>12" To 21", Bentonite Collar At Manhole Connection	146.41	
33 39 13 00-0125	EA	>21" To 30" Pipe, Bentonite Collar At Manhole Connection	233.67	
33 39 13 00-0126	EA	>30" To 36" Pipe, Bentonite Collar At Manhole Connection	548.09	
33 39 13 00-0127	EA	>36" To 48" Pipe, Bentonite Collar At Manhole Connection	843.87	
33 39 13 00-0128	EA	>48" To 60" Pipe, Bentonite Collar At Manhole Connection	1,529.07	

33 39 13 00-0129 Manhole Covers And Frames *(33 39 13)*

33 39 13 00-0130 Rainguard Inflow Protectors *(33 39 13 00-0129)*

33 39 13 00-0131	EA	18" Diameter ABS Rainguard Inflow Protectors	90.73	16.93
33 39 13 00-0132	EA	22" Diameter ABS Rainguard Inflow Protectors	102.02	16.93
33 39 13 00-0133	EA	24" Diameter ABS Rainguard Inflow Protectors	122.06	20.31
33 39 13 00-0134	EA	26" Diameter ABS Rainguard Inflow Protectors	129.19	20.31
33 39 13 00-0135	EA	30" Diameter ABS Rainguard Inflow Protectors	158.62	23.70
33 39 13 00-0136	EA	32" Diameter ABS Rainguard Inflow Protectors	167.37	23.70

33 39 13 00-0137 Regular Manhole Covers And Frames, City Type *(33 39 13 00-0129)*

33 39 13 00-0138	EA	18" Square x 75 LB Regular Cast Iron Manhole Cover With Frame, City Type	416.32	65.55
		For Malleable Iron Castings, Add	*65.44*	
		For Ductile Iron Castings, Add	*152.70*	
		For Heavy Duty, Add	*155.62*	
33 39 13 00-0139	EA	18" Diameter x 100 LB Regular Cast Iron Manhole Cover With Frame, City Type	618.31	65.55
		For Malleable Iron Castings, Add	*126.04*	
		For Ductile Iron Castings, Add	*294.09*	
		For Heavy Duty, Add	*226.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 39 13 00-0140	EA	24" Square x 126 LB Regular Cast Iron Manhole Cover With Frame, City Type	631.50	71.64
		For Malleable Iron Castings, Add	*124.83*	
		For Ductile Iron Castings, Add	*291.26*	
		For Heavy Duty, Add	*231.80*	
33 39 13 00-0141	EA	24" Diameter x 200 LB Regular Cast Iron Manhole Cover With Frame, City Type	651.70	71.64
		For Malleable Iron Castings, Add	*130.89*	
		For Ductile Iron Castings, Add	*305.40*	
		For Heavy Duty, Add	*238.87*	
33 39 13 00-0142	EA	24" Diameter x 300 LB Regular Cast Iron Manhole Cover With Frame, City Type	709.39	76.22
		For Malleable Iron Castings, Add	*144.22*	
		For Ductile Iron Castings, Add	*336.50*	
		For Heavy Duty, Add	*259.72*	
33 39 13 00-0143	EA	24" Diameter x 400 LB Regular Cast Iron Manhole Cover With Frame, City Type	781.25	84.61
		For Malleable Iron Castings, Add	*158.15*	
		For Ductile Iron Castings, Add	*369.03*	
		For Heavy Duty, Add	*286.14*	
33 39 13 00-0144	EA	24" Square x 500 LB Regular Cast Iron Manhole Cover With Frame, City Type	916.58	84.61
		For Malleable Iron Castings, Add	*198.75*	
		For Ductile Iron Castings, Add	*463.76*	
		For Heavy Duty, Add	*333.51*	
33 39 13 00-0145	EA	26" Diameter x 475 LB Regular Cast Iron Manhole Cover With Frame, City Type	911.74	91.47
		For Malleable Iron Castings, Add	*190.88*	
		For Ductile Iron Castings, Add	*445.38*	
		For Heavy Duty, Add	*332.88*	
33 39 13 00-0146	EA	30" Diameter x 620 LB Regular Cast Iron Manhole Cover With Frame, City Type	1,031.15	95.28
		For Malleable Iron Castings, Add	*223.60*	
		For Ductile Iron Castings, Add	*521.73*	
		For Heavy Duty, Add	*375.19*	

33 39 13 00-0147 Watertight Type Manhole Covers And Frames *(33 39 13 00-0129)*

33 39 13 00-0148	EA	20" Diameter x 200 LB Watertight Manhole Cover With Frame	633.52	54.12
		For Malleable Iron Castings, Add	*125.43*	
		For Ductile Iron Castings, Add	*292.68*	
33 39 13 00-0149	EA	22" Diameter x 300 LB Watertight Manhole Cover With Frame	808.88	54.12
		For Malleable Iron Castings, Add	*172.72*	
		For Ductile Iron Castings, Add	*403.01*	
33 39 13 00-0150	EA	24" Diameter x 350 LB Watertight Manhole Cover With Frame	908.48	63.27
		For Malleable Iron Castings, Add	*196.32*	
		For Ductile Iron Castings, Add	*458.09*	
33 39 13 00-0151	EA	26" Diameter x 500 LB Watertight Manhole Cover With Frame	1,116.06	70.88
		For Malleable Iron Castings, Add	*252.17*	
		For Ductile Iron Castings, Add	*588.40*	
33 39 13 00-0152	EA	30" Diameter x 550 LB Watertight Manhole Cover With Frame	1,082.25	72.42
		For Malleable Iron Castings, Add	*238.93*	
		For Ductile Iron Castings, Add	*557.50*	
33 39 13 00-0153	EA	32" Diameter x 575 LB Watertight Manhole Cover With Frame	1,162.75	73.94
		For Malleable Iron Castings, Add	*261.96*	
		For Ductile Iron Castings, Add	*611.23*	
33 39 13 00-0154	EA	36" Diameter x 600 LB Watertight Manhole Cover With Frame	1,320.18	76.22
		For Malleable Iron Castings, Add	*308.02*	
		For Ductile Iron Castings, Add	*718.70*	

33 39 13 00-0155 Aluminum Manhole Covers And Frames *(33 39 13 00-0129)*

33 39 13 00-0156	EA	12" Square Aluminum Manhole Cover With Frame	375.80	24.29
33 39 13 00-0157	EA	18" Square Aluminum Manhole Cover With Frame	645.20	26.89
33 39 13 00-0158	EA	24" Square Aluminum Manhole Cover With Frame	905.79	31.22

33 39 13 00-0159 Remove And Reinstall Manhole Cover And Frame *(33 39 13 00-0129)*

33 39 13 00-0160	EA	Remove And Reinstall Manhole Cover And Frame	305.61	

33 39 13 00-0161 Waste Water Collection System Taps *(33 39 13)*

Note: For tapping existing structures only. Includes grout.

33 39 13 00-0162 Brick Manhole Taps *(33 39 13 00-0161)*

33 39 13 00-0163	EA	4" Tap In 6" Brick Manhole	358.70	
33 39 13 00-0164	EA	6" Tap In 6" Brick Manhole	401.51	
33 39 13 00-0165	EA	8" Tap In 6" Brick Manhole	443.55	
33 39 13 00-0166	EA	10" Tap In 6" Brick Manhole	485.51	
33 39 13 00-0167	EA	12" Tap In 6" Brick Manhole	534.33	
33 39 13 00-0168	EA	15" Tap In 6" Brick Manhole	576.21	

33 39 13 00-0169 Precast Concrete Manhole Tap *(33 39 13 00-0161)*

33 39 13 00-0170	EA	4" Tap In 8" Thick Precast Concrete Manhole	528.64	
33 39 13 00-0171	EA	6" Tap In 8" Thick Precast Concrete Manhole	592.85	
33 39 13 00-0172	EA	8" Tap In 8" Thick Precast Concrete Manhole	661.93	
33 39 13 00-0173	EA	10" Tap In 8" Thick Precast Concrete Manhole	724.87	
33 39 13 00-0174	EA	12" Tap In 8" Thick Precast Concrete Manhole	787.68	
33 39 13 00-0175	EA	15" Tap In 8" Thick Precast Concrete Manhole	852.03	

33 40 Storm Drainage Utilities *(33)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 41 Storm Utility Drainage Piping *(33 40)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 41 13 Public Storm Utility Drainage Piping *(33 41)*

33 41 13 00-0001 Reinforced Concrete Piping *(33 41 13)*

33 41 13 00-0002 Class III Reinforced Concrete Piping Without Gaskets *(33 41 13 00-0001)*

33 41 13 00-0003	LF	12" Diameter Class III Reinforced Concrete Pipe Without Gaskets	30.30	12.05
		For >1000, Deduct	*-1.52*	
		For Class 4, Add	*1.24*	
		For Class 5, Add	*3.92*	
33 41 13 00-0004	LF	15" Diameter Class III Reinforced Concrete Pipe Without Gaskets	35.91	13.41
		For >1000, Deduct	*-1.80*	
		For Class 4, Add	*1.59*	
		For Class 5, Add	*5.03*	
33 41 13 00-0005	LF	18" Diameter Class III Reinforced Concrete Pipe Without Gaskets	41.51	16.72
		For >1000, Deduct	*-2.08*	
		For Class 4, Add	*1.67*	
		For Class 5, Add	*5.29*	
33 41 13 00-0006	LF	21" Diameter Class III Reinforced Concrete Pipe Without Gaskets	53.03	21.08
		For >1000, Deduct	*-2.65*	
		For Class 4, Add	*2.18*	
		For Class 5, Add	*6.87*	
33 41 13 00-0007	LF	24" Diameter Class III Reinforced Concrete Pipe Without Gaskets	62.50	25.61
		For >1000, Deduct	*-3.13*	
		For Class 4, Add	*2.46*	
		For Class 5, Add	*7.78*	
33 41 13 00-0008	LF	27" Diameter Class III Reinforced Concrete Pipe Without Gaskets	78.15	31.81
		For >1000, Deduct	*-3.91*	
		For Class 4, Add	*3.11*	
		For Class 5, Add	*9.81*	
33 41 13 00-0009	LF	30" Diameter Class III Reinforced Concrete Pipe Without Gaskets	82.86	32.85
		For >1000, Deduct	*-4.14*	
		For Class 4, Add	*3.36*	
		For Class 5, Add	*10.61*	
33 41 13 00-0010	LF	36" Diameter Class III Reinforced Concrete Pipe Without Gaskets	100.76	37.33
		For >1000, Deduct	*-5.04*	
		For Class 4, Add	*4.56*	
		For Class 5, Add	*14.39*	
33 41 13 00-0011	LF	42" Diameter Class III Reinforced Concrete Pipe Without Gaskets	127.52	41.06
		For >1000, Deduct	*-6.38*	
		For Class 4, Add	*6.60*	
		For Class 5, Add	*20.83*	
33 41 13 00-0012	LF	48" Diameter Class III Reinforced Concrete Pipe Without Gaskets	151.45	45.72
		For >1000, Deduct	*-7.57*	
		For Class 4, Add	*8.18*	
		For Class 5, Add	*25.84*	
33 41 13 00-0013	LF	54" Diameter Class III Reinforced Concrete Pipe Without Gaskets	186.48	52.26
		For >1000, Deduct	*-9.32*	
		For Class 4, Add	*10.62*	
		For Class 5, Add	*33.55*	
33 41 13 00-0014	LF	60" Diameter Class III Reinforced Concrete Pipe Without Gaskets	224.12	60.62
		For >1000, Deduct	*-11.21*	
		For Class 4, Add	*13.06*	
		For Class 5, Add	*41.26*	

33 41 13 00-0015 Concrete Reducing Wye Without Gaskets *(33 41 13 00-0001)*

33 41 13 00-0016	EA	12" Concrete Reducing Wye Without Gaskets	325.24	45.90
33 41 13 00-0017	EA	15" Concrete Reducing Wye Without Gaskets	390.44	55.94
33 41 13 00-0018	EA	18" Concrete Reducing Wye Without Gaskets	479.15	61.68
33 41 13 00-0019	EA	21" Concrete Reducing Wye Without Gaskets	552.39	76.02
33 41 13 00-0020	EA	24" Concrete Reducing Wye Without Gaskets	626.77	91.81

33 41 13 00-0021 Concrete Pipe Joint Gaskets *(33 41 13 00-0001)*

33 41 13 00-0022	EA	12" Diameter Concrete Pipe Joint Gasket	2.90	
33 41 13 00-0023	EA	15" Diameter Concrete Pipe Joint Gasket	3.43	
33 41 13 00-0024	EA	18" Diameter Concrete Pipe Joint Gasket	3.98	
33 41 13 00-0025	EA	21" Diameter Concrete Pipe Joint Gasket	4.81	
33 41 13 00-0026	EA	24" Diameter Concrete Pipe Joint Gasket	5.63	
33 41 13 00-0027	EA	27" Diameter Concrete Pipe Joint Gasket	6.28	
33 41 13 00-0028	EA	30" Diameter Concrete Pipe Joint Gasket	6.90	
33 41 13 00-0029	EA	36" Diameter Concrete Pipe Joint Gasket	8.42	
33 41 13 00-0030	EA	42" Diameter Concrete Pipe Joint Gasket	9.77	
33 41 13 00-0031	EA	48" Diameter Concrete Pipe Joint Gasket	11.26	
33 41 13 00-0032	EA	54" Diameter Concrete Pipe Joint Gasket	13.81	
33 41 13 00-0033	EA	60" Diameter Concrete Pipe Joint Gasket	20.44	

33 41 13 00-0034 Precast Concrete End Sections *(33 41 13 00-0001)*

33 41 13 00-0035 Precast Concrete End Sections *(33 41 13 00-0034)*

33 41 13 00-0036	EA	12" Diameter Pipe, Precast Concrete End Section	561.62	84.13
33 41 13 00-0037	EA	15" Diameter Pipe, Precast Concrete End Section	756.01	104.14
33 41 13 00-0038	EA	18" Diameter Pipe, Precast Concrete End Section	935.37	131.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0039	EA	21" Diameter Pipe, Precast Concrete End Section	1,071.89	157.64
33 41 13 00-0040	EA	24" Diameter Pipe, Precast Concrete End Section	1,135.64	182.46
33 41 13 00-0041	EA	27" Diameter Pipe, Precast Concrete End Section	1,414.56	222.48
33 41 13 00-0042	EA	30" Diameter Pipe, Precast Concrete End Section	1,744.25	334.17
33 41 13 00-0043	EA	36" Diameter Pipe, Precast Concrete End Section	2,151.07	421.67
33 41 13 00-0044	EA	42" Diameter Pipe, Precast Concrete End Section	2,597.19	528.96
33 41 13 00-0045	EA	48" Diameter Pipe, Precast Concrete End Section	2,841.73	596.53
33 41 13 00-0046	EA	54" Diameter Pipe, Precast Concrete End Section	3,094.68	668.19
33 41 13 00-0047	EA	60" Diameter Pipe, Precast Concrete End Section	3,353.82	742.85
33 41 13 00-0048		Flared Precast Concrete End Sections *(33 41 13 00-0034)*		
33 41 13 00-0049	EA	12" Diameter Pipe, Flared Precast Concrete End Section	706.79	86.98
33 41 13 00-0050	EA	15" Diameter Pipe, Flared Precast Concrete End Section	850.31	108.40
33 41 13 00-0051	EA	18" Diameter Pipe, Flared Precast Concrete End Section	1,030.72	137.23
33 41 13 00-0052	EA	21" Diameter Pipe, Flared Precast Concrete End Section	1,175.74	164.10
33 41 13 00-0053	EA	24" Diameter Pipe, Flared Precast Concrete End Section	1,437.55	189.93
33 41 13 00-0054	EA	27" Diameter Pipe, Flared Precast Concrete End Section	1,712.91	303.33
33 41 13 00-0055	EA	30" Diameter Pipe, Flared Precast Concrete End Section	1,753.64	417.64
33 41 13 00-0056	EA	36" Diameter Pipe, Flared Precast Concrete End Section	2,379.76	527.09
33 41 13 00-0057	EA	42" Diameter Pipe, Flared Precast Concrete End Section	2,847.68	661.33
33 41 13 00-0058	EA	48" Diameter Pipe, Flared Precast Concrete End Section	3,072.84	745.84
33 41 13 00-0059	EA	54" Diameter Pipe, Flared Precast Concrete End Section	3,436.71	835.36
33 41 13 00-0060	EA	60" Diameter Pipe, Flared Precast Concrete End Section	3,806.95	927.86
33 41 13 00-0061		Prestressed Concrete Cylinder Piping *(33 41 13)*		
33 41 13 00-0062		150 PSI Prestressed Concrete Cylinder Pipe And Fittings *(33 41 13 00-0061)*		
33 41 13 00-0063		150 PSI Prestressed Concrete Cylinder Pipe With Gaskets *(33 41 13 00-0062)*		
		Note: Lined-cylinder pipe (AWWA C301) up to 48". Embedded-cylinder pipe (AWWA C301) >48".		
33 41 13 00-0064	LF	12" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	73.59	12.05
		For >1000, Deduct	*-3.68*	
		For 100 PSI, Deduct	*-14.09*	
33 41 13 00-0065	LF	15" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	78.79	13.41
		For >1000, Deduct	*-3.94*	
		For 100 PSI, Deduct	*-14.91*	
33 41 13 00-0066	LF	18" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	86.79	16.72
		For >1000, Deduct	*-4.34*	
		For 100 PSI, Deduct	*-15.73*	
33 41 13 00-0067	LF	21" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	96.28	21.08
		For >1000, Deduct	*-4.81*	
		For 100 PSI, Deduct	*-16.54*	
33 41 13 00-0068	LF	24" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	106.01	25.61
		For >1000, Deduct	*-5.30*	
		For 100 PSI, Deduct	*-17.36*	
33 41 13 00-0069	LF	30" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	125.22	32.85
		For >1000, Deduct	*-6.26*	
		For 100 PSI, Deduct	*-19.44*	
33 41 13 00-0070	LF	36" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	138.82	37.33
		For >1000, Deduct	*-6.94*	
		For 100 PSI, Deduct	*-21.51*	
33 41 13 00-0071	LF	42" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	160.15	41.06
		For >1000, Deduct	*-8.01*	
		For 100 PSI, Deduct	*-25.52*	
33 41 13 00-0072	LF	48" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	183.42	45.72
		For >1000, Deduct	*-9.17*	
		For 100 PSI, Deduct	*-29.52*	
33 41 13 00-0073	LF	54" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	243.05	59.65
		For >1000, Deduct	*-12.15*	
		For 100 PSI, Deduct	*-39.46*	
33 41 13 00-0074	LF	60" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	291.71	69.19
		For >1000, Deduct	*-14.59*	
		For 100 PSI, Deduct	*-48.22*	
33 41 13 00-0075		150 PSI Prestressed Concrete Cylinder 90 Degree Elbows With Gaskets *(33 41 13 00-0062)*		
33 41 13 00-0076	EA	12" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	301.58	112.96
33 41 13 00-0077	EA	15" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	420.66	161.37
33 41 13 00-0078	EA	18" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	546.04	215.17
33 41 13 00-0079	EA	21" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	671.43	268.95
33 41 13 00-0080	EA	24" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	820.47	334.22
33 41 13 00-0081	EA	30" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,043.96	448.25
33 41 13 00-0082	EA	36" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,282.37	522.61
33 41 13 00-0083	EA	42" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,494.37	609.96
33 41 13 00-0084	EA	48" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,688.85	696.57
33 41 13 00-0085	EA	54" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,085.58	869.77
33 41 13 00-0086	EA	60" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,782.72	1,192.97
33 41 13 00-0087		150 PSI Prestressed Concrete Cylinder 45 Degree Elbows With Gaskets *(33 41 13 00-0062)*		
33 41 13 00-0088	EA	12" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	286.45	112.96
33 41 13 00-0089	EA	15" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	401.08	161.37
33 41 13 00-0090	EA	18" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	522.90	215.17
33 41 13 00-0091	EA	21" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	644.72	268.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0092	EA	24" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	790.20	334.22
33 41 13 00-0093	EA	30" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,002.42	418.13
33 41 13 00-0094	EA	36" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,234.90	522.61
33 41 13 00-0095	EA	42" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,439.48	609.96
33 41 13 00-0096	EA	48" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,629.80	696.57
33 41 13 00-0097	EA	54" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,993.97	869.77
33 41 13 00-0098	EA	60" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,702.81	1,192.97

33 41 13 00-0099 400 PSI Prestressed Concrete Cylinder Pipe With Regular Joints *(33 41 13 00-0061)*

33 41 13 00-0100 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints *(33 41 13 00-0099)*

Note: AWWA C301

33 41 13 00-0101	LF	30" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	144.73	32.85
		For >1000, Deduct	*-7.24*	
33 41 13 00-0102	LF	36" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	174.86	37.33
		For >1000, Deduct	*-8.74*	
33 41 13 00-0103	LF	42" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	202.93	41.06
		For >1000, Deduct	*-10.15*	

33 41 13 00-0104 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints *(33 41 13 00-0099)*

Note: AWWA C301

33 41 13 00-0105	LF	48" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	269.34	45.69
		For >1000, Deduct	*-13.47*	
33 41 13 00-0106	LF	54" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	325.53	59.65
		For >1000, Deduct	*-16.28*	
33 41 13 00-0107	LF	60" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	375.47	69.19
		For >1000, Deduct	*-18.77*	
33 41 13 00-0108	LF	66" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	422.00	76.69
		For >1000, Deduct	*-21.10*	
33 41 13 00-0109	LF	72" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	507.02	83.51
		For >1000, Deduct	*-25.35*	

33 41 13 00-0110 Welded Joints For Prestressed Concrete Cylinder Pipe *(33 41 13 00-0099)*

Note: All pipe joints to be exposed and dewatered. Internal joint welding also requires joints to be ventilated and air quality checked.

33 41 13 00-0111	EA	30" Welded Joint For Prestressed Concrete Cylinder Pipe	4,192.90
33 41 13 00-0112	EA	36" Welded Joint For Prestressed Concrete Cylinder Pipe	4,503.48
33 41 13 00-0113	EA	42" Welded Joint For Prestressed Concrete Cylinder Pipe	4,658.78
33 41 13 00-0114	EA	48" Welded Joint For Prestressed Concrete Cylinder Pipe	5,279.95
33 41 13 00-0115	EA	54" Welded Joint For Prestressed Concrete Cylinder Pipe	5,435.24
33 41 13 00-0116	EA	60" Welded Joint For Prestressed Concrete Cylinder Pipe	5,745.82
33 41 13 00-0117	EA	66" Welded Joint For Prestressed Concrete Cylinder Pipe	5,901.12
33 41 13 00-0118	EA	72" Welded Joint For Prestressed Concrete Cylinder Pipe	6,056.41
33 41 13 00-0119	EA	30" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	7,764.63
33 41 13 00-0120	EA	36" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	7,764.63
33 41 13 00-0121	EA	42" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	8,851.67
33 41 13 00-0122	EA	48" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	8,851.67
33 41 13 00-0123	EA	54" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	9,472.84
33 41 13 00-0124	EA	60" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	9,472.84
33 41 13 00-0125	EA	66" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	10,249.31
33 41 13 00-0126	EA	72" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	10,249.31

33 41 13 00-0127 Quick Test Joints *(33 41 13 00-0099)*

33 41 13 00-0128	EA	30" Quick Test Joint	314.76
33 41 13 00-0129	EA	36" Quick Test Joint	318.50
33 41 13 00-0130	EA	42" Quick Test Joint	322.24
33 41 13 00-0131	EA	48" Quick Test Joint	329.48
33 41 13 00-0132	EA	54" Quick Test Joint	348.44
33 41 13 00-0133	EA	60" Quick Test Joint	362.82
33 41 13 00-0134	EA	66" Quick Test Joint	383.04
33 41 13 00-0135	EA	72" Quick Test Joint	403.25

33 41 13 00-0136 Harnessed Joints *(33 41 13 00-0099)*

33 41 13 00-0137 Harness Clamp Restrained Joints *(33 41 13 00-0136)*

33 41 13 00-0138	EA	30" Harness Clamp Restrained Joint	2,663.85
33 41 13 00-0139	EA	36" Harness Clamp Restrained Joint	2,767.75
33 41 13 00-0140	EA	42" Harness Clamp Restrained Joint	2,871.65
33 41 13 00-0141	EA	48" Harness Clamp Restrained Joint	2,975.53
33 41 13 00-0142	EA	54" Harness Clamp Restrained Joint	3,089.98
33 41 13 00-0143	EA	60" Harness Clamp Restrained Joint	3,248.75
33 41 13 00-0144	EA	66" Harness Clamp Restrained Joint	3,357.43
33 41 13 00-0145	EA	72" Harness Clamp Restrained Joint	3,596.30

33 41 13 00-0146 Snap Ring Restrained Joints *(33 41 13 00-0136)*

33 41 13 00-0147	EA	30" Snap Ring Restrained Joint	460.36
33 41 13 00-0148	EA	36" Snap Ring Restrained Joint	524.19
33 41 13 00-0149	EA	42" Snap Ring Restrained Joint	698.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0150	EA	48" Snap Ring Restrained Joint	792.06	
33 41 13 00-0151	EA	54" Snap Ring Restrained Joint	896.50	
33 41 13 00-0152	EA	60" Snap Ring Restrained Joint	1,015.20	
33 41 13 00-0153	EA	66" Snap Ring Restrained Joint	1,123.88	
33 41 13 00-0154	EA	72" Snap Ring Restrained Joint	1,252.58	
33 41 13 00-0155		**Pipe Repairs** *(33 41 13 00-0099)* Note: For repair of damaged or defective lined or embedded cylinder concrete pipe. Includes 2 concrete adapters, MJDI sleeve, 20' pipe.		
33 41 13 00-0156		**Lined Cylinder Pipe Repair** *(33 41 13 00-0155)*		
33 41 13 00-0157	EA	30" Lined Cylinder Pipe Repair	4,208.30	
33 41 13 00-0158	EA	36" Lined Cylinder Pipe Repair	5,210.38	
33 41 13 00-0159	EA	42" Lined Cylinder Pipe Repair	5,717.57	
33 41 13 00-0160		**Embedded Cylinder Pipe Repair** *(33 41 13 00-0155)* Note: Field welded concrete enclosure assembly with concrete pipe.		
33 41 13 00-0161	EA	48" Embedded Cylinder Pipe Repair	8,256.84	
33 41 13 00-0162	EA	54" Embedded Cylinder Pipe Repair	9,552.46	
33 41 13 00-0163	EA	60" Embedded Cylinder Pipe Repair	10,860.68	
33 41 13 00-0164	EA	66" Embedded Cylinder Pipe Repair	12,266.13	
33 41 13 00-0165	EA	72" Embedded Cylinder Pipe Repair	14,630.65	
33 41 13 00-0166		**High Density Polyethylene (HDPE) Drainage Piping** *(33 41 13)*		
33 41 13 00-0167		**Smooth Interior, Double Wall, Corrugated HDPE Piping** *(33 41 13 00-0166)* Note: Excludes couplings and gaskets.		
33 41 13 00-0168		**Coupled, Smooth Interior, Double Wall, Corrugated HDPE Piping** *(33 41 13 00-0167)*		
33 41 13 00-0169	LF	4" Coupled, Smooth Interior, Double Wall, Corrugated HDPE Pipe	10.79	4.97
		For <100, Add	*1.99*	
		For >1000, Deduct	*-0.54*	
33 41 13 00-0170	LF	6" Coupled, Smooth Interior, Double Wall, Corrugated HDPE Pipe	13.73	5.78
		For <100, Add	*2.31*	
		For >1000, Deduct	*-0.69*	
33 41 13 00-0171	LF	8" Coupled, Smooth Interior, Double Wall, Corrugated HDPE Pipe	16.69	6.72
		For <100, Add	*2.69*	
		For >1000, Deduct	*-0.83*	
33 41 13 00-0172	LF	10" Coupled, Smooth Interior, Double Wall, Corrugated HDPE Pipe	18.61	6.95
		For <100, Add	*2.78*	
		For >1000, Deduct	*-0.93*	
33 41 13 00-0173	LF	12" Coupled, Smooth Interior, Double Wall, Corrugated HDPE Pipe	19.50	7.20
		For <100, Add	*2.88*	
		For >1000, Deduct	*-0.98*	
33 41 13 00-0174	LF	15" Coupled, Smooth Interior, Double Wall, Corrugated HDPE Pipe	21.75	7.45
		For <100, Add	*2.98*	
		For >1000, Deduct	*-1.09*	
33 41 13 00-0175	LF	18" Coupled, Smooth Interior, Double Wall, Corrugated HDPE Pipe	25.66	7.73
		For <100, Add	*3.09*	
		For >1000, Deduct	*-1.28*	
33 41 13 00-0176	LF	24" Coupled, Smooth Interior, Double Wall, Corrugated HDPE Pipe	34.37	9.05
		For <100, Add	*3.62*	
		For >1000, Deduct	*-1.72*	
33 41 13 00-0177	LF	30" Coupled, Smooth Interior, Double Wall, Corrugated HDPE Pipe	48.39	12.19
		For <100, Add	*4.87*	
		For >1000, Deduct	*-2.42*	
33 41 13 00-0178	LF	36" Coupled, Smooth Interior, Double Wall, Corrugated HDPE Pipe	63.27	15.40
		For <100, Add	*6.16*	
		For >1000, Deduct	*-3.16*	
33 41 13 00-0179		**Bell And Spigot, Smooth Interior, Double Wall, Corrugated HDPE Piping** *(33 41 13 00-0167)*		
33 41 13 00-0180	LF	12" Bell And Spigot, Smooth Interior, Double Wall, Corrugated HDPE Pipe	19.41	7.20
		For <100, Add	*2.88*	
		For >1000, Deduct	*-0.97*	
33 41 13 00-0181	LF	15" Bell And Spigot, Smooth Interior, Double Wall, Corrugated HDPE Pipe	22.11	7.45
		For <100, Add	*2.98*	
		For >1000, Deduct	*-1.11*	
33 41 13 00-0182	LF	18" Bell And Spigot, Smooth Interior, Double Wall, Corrugated HDPE Pipe	26.20	7.73
		For <100, Add	*3.09*	
		For >1000, Deduct	*-1.31*	
33 41 13 00-0183	LF	24" Bell And Spigot, Smooth Interior, Double Wall, Corrugated HDPE Pipe	35.22	9.05
		For <100, Add	*3.62*	
		For >1000, Deduct	*-1.76*	
33 41 13 00-0184	LF	30" Bell And Spigot, Smooth Interior, Double Wall, Corrugated HDPE Pipe	50.73	12.19
		For <100, Add	*4.87*	
		For >1000, Deduct	*-2.54*	
33 41 13 00-0185	LF	36" Bell And Spigot, Smooth Interior, Double Wall, Corrugated HDPE Pipe	65.01	15.40
		For <100, Add	*6.16*	
		For >1000, Deduct	*-3.25*	
33 41 13 00-0186	LF	42" Bell And Spigot, Smooth Interior, Double Wall, Corrugated HDPE Pipe	82.99	16.80
		For <100, Add	*6.72*	
		For >1000, Deduct	*-4.15*	
33 41 13 00-0187	LF	48" Bell And Spigot, Smooth Interior, Double Wall, Corrugated HDPE Pipe	90.84	18.95
		For <100, Add	*7.58*	
		For >1000, Deduct	*-4.54*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0188		Single Wall, Corrugated HDPE Piping *(33 41 13 00-0166)* Note: Excludes couplings and gaskets.		
33 41 13 00-0189		Coupled, Single Wall, Corrugated HDPE Piping *(33 41 13 00-0188)*		
33 41 13 00-0190	LF	4" Coupled, Single Wall, Corrugated HDPE Pipe	10.46	4.97
		For <100, Add	*1.99*	
		For >1000, Deduct	*-0.52*	
33 41 13 00-0191	LF	6" Coupled, Single Wall, Corrugated HDPE Pipe	12.72	5.78
		For <100, Add	*2.31*	
		For >1000, Deduct	*-0.64*	
33 41 13 00-0192	LF	8" Coupled, Single Wall, Corrugated HDPE Pipe	15.50	6.72
		For <100, Add	*2.69*	
		For >1000, Deduct	*-0.78*	
33 41 13 00-0193	LF	10" Coupled, Single Wall, Corrugated HDPE Pipe	17.74	6.95
		For <100, Add	*2.78*	
		For >1000, Deduct	*-0.89*	
33 41 13 00-0194	LF	12" Coupled, Single Wall, Corrugated HDPE Pipe	19.17	7.20
		For <100, Add	*2.88*	
		For >1000, Deduct	*-0.96*	
33 41 13 00-0195	LF	15" Coupled, Single Wall, Corrugated HDPE Pipe	21.85	7.45
		For <100, Add	*2.98*	
		For >1000, Deduct	*-1.09*	
33 41 13 00-0196	LF	18" Coupled, Single Wall, Corrugated HDPE Pipe	26.33	7.73
		For <100, Add	*3.09*	
		For >1000, Deduct	*-1.32*	
33 41 13 00-0197	LF	24" Coupled, Single Wall, Corrugated HDPE Pipe	35.10	9.05
		For <100, Add	*3.62*	
		For >1000, Deduct	*-1.76*	
33 41 13 00-0198		Perforated, Corrugated HDPE Piping *(33 41 13 00-0166)* Note: Excludes couplings and gaskets.		
33 41 13 00-0199		Coupled, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Piping *(33 41 13 00-0198)*		
33 41 13 00-0200	LF	4" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Pipe	10.80	4.97
		For <100, Add	*1.99*	
		For >1000, Deduct	*-0.54*	
33 41 13 00-0201	LF	6" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Pipe	13.74	5.78
		For <100, Add	*2.31*	
		For >1000, Deduct	*-0.69*	
33 41 13 00-0202	LF	8" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Pipe	16.69	6.72
		For <100, Add	*2.69*	
		For >1000, Deduct	*-0.83*	
33 41 13 00-0203	LF	10" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Pipe	18.62	6.95
		For <100, Add	*2.78*	
		For >1000, Deduct	*-0.93*	
33 41 13 00-0204	LF	12" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Pipe	19.50	7.20
		For <100, Add	*2.88*	
		For >1000, Deduct	*-0.98*	
33 41 13 00-0205	LF	15" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Pipe	21.76	7.45
		For <100, Add	*2.98*	
		For >1000, Deduct	*-1.09*	
33 41 13 00-0206	LF	18" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Pipe	25.67	7.73
		For <100, Add	*3.09*	
		For >1000, Deduct	*-1.28*	
33 41 13 00-0207	LF	24" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Pipe	34.37	9.05
		For <100, Add	*3.62*	
		For >1000, Deduct	*-1.72*	
33 41 13 00-0208	LF	30" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Pipe	48.54	12.19
		For <100, Add	*4.87*	
		For >1000, Deduct	*-2.43*	
33 41 13 00-0209	LF	36" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Pipe	63.27	15.40
		For <100, Add	*6.16*	
		For >1000, Deduct	*-3.16*	
33 41 13 00-0210		Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Piping *(33 41 13 00-0198)*		
33 41 13 00-0211	LF	12" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Pipe	19.43	7.20
		For <100, Add	*2.88*	
		For >1000, Deduct	*-0.97*	
33 41 13 00-0212	LF	15" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Pipe	22.12	7.45
		For <100, Add	*2.98*	
		For >1000, Deduct	*-1.11*	
33 41 13 00-0213	LF	18" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Pipe	26.21	7.73
		For <100, Add	*3.09*	
		For >1000, Deduct	*-1.31*	
33 41 13 00-0214	LF	24" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Pipe	35.22	9.05
		For <100, Add	*3.62*	
		For >1000, Deduct	*-1.76*	
33 41 13 00-0215	LF	30" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Pipe	50.73	12.19
		For <100, Add	*4.87*	
		For >1000, Deduct	*-2.54*	
33 41 13 00-0216	LF	36" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Pipe	65.01	15.40
		For <100, Add	*6.16*	
		For >1000, Deduct	*-3.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0217	LF	42" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Pipe	82.99	16.80
		For <100, Add	*6.72*	
		For >1000, Deduct	*-4.15*	
33 41 13 00-0218	LF	48" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated HDPE Pipe	90.84	18.95
		For <100, Add	*7.58*	
		For >1000, Deduct	*-4.54*	

33 41 13 00-0219 Coupled, Perforated, Single Wall, Corrugated HDPE Piping *(33 41 13 00-0198)*

33 41 13 00-0220	LF	4" Coupled, Perforated, Single Wall, Corrugated HDPE Pipe	10.47	4.97
		For <100, Add	*1.99*	
		For >1000, Deduct	*-0.52*	
33 41 13 00-0221	LF	6" Coupled, Perforated, Single Wall, Corrugated HDPE Pipe	12.72	5.78
		For <100, Add	*2.31*	
		For >1000, Deduct	*-0.64*	
33 41 13 00-0222	LF	8" Coupled, Perforated, Single Wall, Corrugated HDPE Pipe	15.44	6.72
		For <100, Add	*2.69*	
		For >1000, Deduct	*-0.77*	
33 41 13 00-0223	LF	10" Coupled, Perforated, Single Wall, Corrugated HDPE Pipe	17.74	6.95
		For <100, Add	*2.78*	
		For >1000, Deduct	*-0.89*	
33 41 13 00-0224	LF	12" Coupled, Perforated, Single Wall, Corrugated HDPE Pipe	19.17	7.20
		For <100, Add	*2.88*	
		For >1000, Deduct	*-0.96*	
33 41 13 00-0225	LF	15" Coupled, Perforated, Single Wall, Corrugated HDPE Pipe	21.85	7.45
		For <100, Add	*2.98*	
		For >1000, Deduct	*-1.09*	
33 41 13 00-0226	LF	18" Coupled, Perforated, Single Wall, Corrugated HDPE Pipe	26.33	7.73
		For <100, Add	*3.09*	
		For >1000, Deduct	*-1.32*	
33 41 13 00-0227	LF	24" Coupled, Perforated, Single Wall, Corrugated HDPE Pipe	35.10	9.05
		For <100, Add	*3.62*	
		For >1000, Deduct	*-1.76*	

33 41 13 00-0228 Smooth Interior, Double Wall, Corrugated HDPE Pipe Fittings *(33 41 13 00-0166)*

Note: Excludes couplings and gaskets.

33 41 13 00-0229 Tees, Smooth Interior, Double Wall, Corrugated HDPE *(33 41 13 00-0228)*

33 41 13 00-0230	EA	4" Tee, Smooth Interior, Double Wall, Corrugated HDPE	44.87	16.35
33 41 13 00-0231	EA	6" Tee, Smooth Interior, Double Wall, Corrugated HDPE	56.48	19.07
33 41 13 00-0232	EA	8" Tee, Smooth Interior, Double Wall, Corrugated HDPE	91.71	23.17
33 41 13 00-0233	EA	10" Tee, Smooth Interior, Double Wall, Corrugated HDPE	140.35	28.61
33 41 13 00-0234	EA	12" Tee, Smooth Interior, Double Wall, Corrugated HDPE	222.23	34.07
33 41 13 00-0235	EA	15" Tee, Smooth Interior, Double Wall, Corrugated HDPE	313.89	44.51
33 41 13 00-0236	EA	18" Tee, Smooth Interior, Double Wall, Corrugated HDPE	451.71	59.94
33 41 13 00-0237	EA	24" Tee, Smooth Interior, Double Wall, Corrugated HDPE	579.51	68.43
33 41 13 00-0238	EA	30" Tee, Smooth Interior, Double Wall, Corrugated HDPE	1,015.33	79.02
33 41 13 00-0239	EA	36" Tee, Smooth Interior, Double Wall, Corrugated HDPE	1,304.72	91.28
33 41 13 00-0240	EA	42" Tee, Smooth Interior, Double Wall, Corrugated HDPE	2,175.00	109.00
33 41 13 00-0241	EA	48" Tee, Smooth Interior, Double Wall, Corrugated HDPE	2,730.50	129.43

33 41 13 00-0242 Wyes, Smooth Interior, Double Wall, Corrugated HDPE *(33 41 13 00-0228)*

33 41 13 00-0243	EA	4" Wye, Smooth Interior, Double Wall, Corrugated HDPE	66.28	16.35
33 41 13 00-0244	EA	6" Wye, Smooth Interior, Double Wall, Corrugated HDPE	79.97	19.07
33 41 13 00-0245	EA	8" Wye, Smooth Interior, Double Wall, Corrugated HDPE	106.54	23.17
33 41 13 00-0246	EA	10" Wye, Smooth Interior, Double Wall, Corrugated HDPE	156.70	28.61
33 41 13 00-0247	EA	12" Wye, Smooth Interior, Double Wall, Corrugated HDPE	274.84	34.07
33 41 13 00-0248	EA	15" Wye, Smooth Interior, Double Wall, Corrugated HDPE	297.76	44.51
33 41 13 00-0249	EA	18" Wye, Smooth Interior, Double Wall, Corrugated HDPE	420.32	59.94

33 41 13 00-0250 22-1/2 Degree Bends, Smooth Interior, Double Wall, Corrugated HDPE *(33 41 13 00-0228)*

33 41 13 00-0251	EA	4" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	27.22	10.90
33 41 13 00-0252	EA	6" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	33.65	12.72
33 41 13 00-0253	EA	8" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	49.27	15.44
33 41 13 00-0254	EA	10" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	62.03	19.07
33 41 13 00-0255	EA	12" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	90.30	22.71
33 41 13 00-0256	EA	15" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	143.07	29.06
33 41 13 00-0257	EA	18" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	189.53	39.96
33 41 13 00-0258	EA	24" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	361.52	45.41
33 41 13 00-0259	EA	30" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	502.95	52.68
33 41 13 00-0260	EA	36" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	589.44	60.86
33 41 13 00-0261	EA	42" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	753.60	72.66
33 41 13 00-0262	EA	48" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	1,019.49	86.29

33 41 13 00-0263 45 Degree Bends, Smooth Interior, Double Wall, Corrugated HDPE *(33 41 13 00-0228)*

33 41 13 00-0264	EA	4" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	29.57	10.90
33 41 13 00-0265	EA	6" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	38.53	12.72
33 41 13 00-0266	EA	8" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	51.76	15.44
33 41 13 00-0267	EA	10" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	82.30	19.07
33 41 13 00-0268	EA	12" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	90.30	22.71
33 41 13 00-0269	EA	15" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	142.67	29.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0270	EA	18" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	222.21	39.96
33 41 13 00-0271	EA	24" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	386.77	45.41
33 41 13 00-0272	EA	30" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	504.15	52.68
33 41 13 00-0273	EA	36" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	643.86	60.86
33 41 13 00-0274	EA	42" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	963.65	72.66
33 41 13 00-0275	EA	48" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated HDPE	1,207.75	86.29
33 41 13 00-0276		Single Wall, Corrugated HDPE Pipe Fittings *(33 41 13 00-0166)*		
		Note: Excludes couplings and gaskets.		
33 41 13 00-0277		Tees, Single Wall, Corrugated HDPE *(33 41 13 00-0276)*		
33 41 13 00-0278	EA	4" Tee, Single Wall, Corrugated HDPE	30.46	16.35
33 41 13 00-0279	EA	6" Tee, Single Wall, Corrugated HDPE	36.24	19.07
33 41 13 00-0280	EA	8" Tee, Single Wall, Corrugated HDPE	59.22	23.17
33 41 13 00-0281	EA	10" Tee, Single Wall, Corrugated HDPE	76.08	28.61
33 41 13 00-0282	EA	12" Tee, Single Wall, Corrugated HDPE	113.40	34.07
33 41 13 00-0283	EA	15" Tee, Single Wall, Corrugated HDPE	247.78	44.51
33 41 13 00-0284	EA	18" Tee, Single Wall, Corrugated HDPE	295.95	59.94
33 41 13 00-0285	EA	24" Tee, Single Wall, Corrugated HDPE	562.28	68.12
33 41 13 00-0286		Wyes, Single Wall, Corrugated HDPE *(33 41 13 00-0276)*		
33 41 13 00-0287	EA	4" Wye, Single Wall, Corrugated HDPE	31.34	16.35
33 41 13 00-0288	EA	6" Wye, Single Wall, Corrugated HDPE	39.14	19.07
33 41 13 00-0289	EA	8" Wye, Single Wall, Corrugated HDPE	89.53	23.17
33 41 13 00-0290		45 Degree Bends, Single Wall, Corrugated HDPE *(33 41 13 00-0276)*		
33 41 13 00-0291	EA	4" 45 Degree Bend, Single Wall, Corrugated HDPE	20.60	10.90
33 41 13 00-0292		90 Degree Bends, Single Wall, Corrugated HDPE *(33 41 13 00-0276)*		
33 41 13 00-0293	EA	4" 90 Degree Bend, Single Wall, Corrugated HDPE	21.53	10.90
33 41 13 00-0294	EA	6" 90 Degree Bend, Single Wall, Corrugated HDPE	27.91	12.72
33 41 13 00-0295	EA	8" 90 Degree Bend, Single Wall, Corrugated HDPE	41.65	15.44
33 41 13 00-0296	EA	10" 90 Degree Bend, Single Wall, Corrugated HDPE	54.95	19.07
33 41 13 00-0297		Couplings And End Sections, Corrugated HDPE Pipe *(33 41 13 00-0166)*		
		Note: For single and double wall HDPE piping.		
33 41 13 00-0298		Couplings, Corrugated HDPE Pipe *(33 41 13 00-0297)*		
33 41 13 00-0299	EA	4" Coupling, Corrugated HDPE Pipe	1.40	
33 41 13 00-0300	EA	6" Coupling, Corrugated HDPE Pipe	2.51	
33 41 13 00-0301	EA	8" Coupling, Corrugated HDPE Pipe	3.86	
33 41 13 00-0302	EA	10" Coupling, Corrugated HDPE Pipe	4.74	
33 41 13 00-0303	EA	12" Coupling, Corrugated HDPE Pipe	5.10	
33 41 13 00-0304	EA	15" Coupling, Corrugated HDPE Pipe	7.27	
33 41 13 00-0305	EA	18" Coupling, Corrugated HDPE Pipe	10.75	
33 41 13 00-0306	EA	24" Coupling, Corrugated HDPE Pipe	17.11	
33 41 13 00-0307	EA	30" Coupling, Corrugated HDPE Pipe	26.27	
33 41 13 00-0308	EA	36" Coupling, Corrugated HDPE Pipe	34.38	
33 41 13 00-0309	EA	42" Coupling, Corrugated HDPE Pipe	54.05	
33 41 13 00-0310	EA	48" Coupling, Corrugated HDPE Pipe	73.10	
33 41 13 00-0311		Self Adhering Gaskets, Corrugated HDPE Pipe *(33 41 13 00-0297)*		
33 41 13 00-0312	EA	4" Self Adhering Gasket, Corrugated HDPE Pipe	74.01	
33 41 13 00-0313	EA	6" Self Adhering Gasket, Corrugated HDPE Pipe	77.50	
33 41 13 00-0314	EA	8" Self Adhering Gasket, Corrugated HDPE Pipe	81.15	
33 41 13 00-0315	EA	10" Self Adhering Gasket, Corrugated HDPE Pipe	84.96	
33 41 13 00-0316	EA	12" Self Adhering Gasket, Corrugated HDPE Pipe	100.77	
33 41 13 00-0317	EA	15" Self Adhering Gasket, Corrugated HDPE Pipe	104.04	
33 41 13 00-0318	EA	18" Self Adhering Gasket, Corrugated HDPE Pipe	108.51	
33 41 13 00-0319	EA	24" Self Adhering Gasket, Corrugated HDPE Pipe	123.60	
33 41 13 00-0320	EA	30" Self Adhering Gasket, Corrugated HDPE Pipe	198.14	
33 41 13 00-0321	EA	36" Self Adhering Gasket, Corrugated HDPE Pipe	217.03	
33 41 13 00-0322	EA	42" Self Adhering Gasket, Corrugated HDPE Pipe	236.47	
33 41 13 00-0323	EA	48" Self Adhering Gasket, Corrugated HDPE Pipe	287.20	
33 41 13 00-0324		End Sections, Corrugated HDPE Pipe *(33 41 13 00-0297)*		
33 41 13 00-0325	EA	10" End Section, Corrugated HDPE Pipe	170.43	40.85
33 41 13 00-0326	EA	12" End Section, Corrugated HDPE Pipe	202.94	45.96
33 41 13 00-0327	EA	15" End Section, Corrugated HDPE Pipe	215.29	49.36
33 41 13 00-0328	EA	18" End Section, Corrugated HDPE Pipe	257.42	54.47
33 41 13 00-0329	EA	24" End Section, Corrugated HDPE Pipe	333.82	64.68
33 41 13 00-0330	EA	30" End Section, Corrugated HDPE Pipe	839.99	73.19
33 41 13 00-0331	EA	36" End Section, Corrugated HDPE Pipe	934.09	81.70
33 41 13 00-0332		Corrugated Metal Piping *(33 41 13)*		
33 41 13 00-0333		Galvanized Corrugated Steel Piping *(33 41 13 00-0332)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0334		2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 41 13 00-0333)*		
33 41 13 00-0335		16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 41 13 00-0334)*		
33 41 13 00-0336	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	23.95	7.54
		For Asphalt Coated Pipe, Add	*2.01*	
		For Asphalt Coated And 25% Paved, Add	*4.11*	
		For Smooth-Flo, Add	*7.34*	
33 41 13 00-0337	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	26.65	7.89
		For Asphalt Coated Pipe, Add	*2.53*	
		For Asphalt Coated And 25% Paved, Add	*5.17*	
		For Smooth-Flo, Add	*9.24*	
33 41 13 00-0338	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	29.45	8.60
		For Asphalt Coated Pipe, Add	*3.06*	
		For Asphalt Coated And 25% Paved, Add	*6.27*	
		For Smooth-Flo, Add	*11.19*	
33 41 13 00-0339	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	33.26	9.33
		For Asphalt Coated Pipe, Add	*3.66*	
		For Asphalt Coated And 25% Paved, Add	*7.49*	
		For Smooth-Flo, Add	*13.38*	
33 41 13 00-0340	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	36.70	10.04
		For Asphalt Coated Pipe, Add	*4.12*	
		For Asphalt Coated And 25% Paved, Add	*8.43*	
		For Smooth-Flo, Add	*15.05*	
33 41 13 00-0341	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	48.58	12.91
		For Asphalt Coated Pipe, Add	*5.35*	
		For Asphalt Coated And 25% Paved, Add	*10.94*	
		For Smooth-Flo, Add	*19.54*	
33 41 13 00-0342	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	62.73	16.43
		For Asphalt Coated Pipe, Add	*6.75*	
		For Asphalt Coated And 25% Paved, Add	*13.80*	
		For Smooth-Flo, Add	*24.65*	
33 41 13 00-0343	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	70.99	19.41
		For Asphalt Coated Pipe, Add	*7.98*	
		For Asphalt Coated And 25% Paved, Add	*16.33*	
		For Smooth-Flo, Add	*29.15*	
33 41 13 00-0344	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	79.82	22.40
		For Asphalt Coated Pipe, Add	*8.94*	
		For Asphalt Coated And 25% Paved, Add	*18.29*	
		For Smooth-Flo, Add	*32.65*	
33 41 13 00-0345		14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 41 13 00-0334)*		
33 41 13 00-0346	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	25.74	7.54
		For Asphalt Coated Pipe, Add	*2.04*	
		For Asphalt Coated And 25% Paved, Add	*4.72*	
		For Smooth-Flo, Add	*9.55*	
33 41 13 00-0347	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	28.86	7.89
		For Asphalt Coated Pipe, Add	*2.56*	
		For Asphalt Coated And 25% Paved, Add	*5.92*	
		For Smooth-Flo, Add	*11.98*	
33 41 13 00-0348	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	32.11	8.60
		For Asphalt Coated Pipe, Add	*3.09*	
		For Asphalt Coated And 25% Paved, Add	*7.17*	
		For Smooth-Flo, Add	*14.49*	
33 41 13 00-0349	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	36.34	9.33
		For Asphalt Coated Pipe, Add	*3.68*	
		For Asphalt Coated And 25% Paved, Add	*8.53*	
		For Smooth-Flo, Add	*17.24*	
33 41 13 00-0350	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	40.29	10.04
		For Asphalt Coated Pipe, Add	*4.17*	
		For Asphalt Coated And 25% Paved, Add	*9.65*	
		For Smooth-Flo, Add	*19.51*	
33 41 13 00-0351	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	52.96	12.91
		For Asphalt Coated Pipe, Add	*5.35*	
		For Asphalt Coated And 25% Paved, Add	*12.39*	
		For Smooth-Flo, Add	*25.05*	
33 41 13 00-0352	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	68.04	16.43
		For Asphalt Coated Pipe, Add	*6.70*	
		For Asphalt Coated And 25% Paved, Add	*15.53*	
		For Smooth-Flo, Add	*31.40*	
33 41 13 00-0353	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	77.08	19.41
		For Asphalt Coated Pipe, Add	*7.89*	
		For Asphalt Coated And 25% Paved, Add	*18.28*	
		For Smooth-Flo, Add	*36.96*	
33 41 13 00-0354	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	86.79	22.40
		For Asphalt Coated Pipe, Add	*8.87*	
		For Asphalt Coated And 25% Paved, Add	*20.55*	
		For Smooth-Flo, Add	*41.54*	
33 41 13 00-0355	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	103.19	25.38
		For Asphalt Coated Pipe, Add	*10.91*	
		For Asphalt Coated And 25% Paved, Add	*25.27*	
		For Smooth-Flo, Add	*51.08*	
33 41 13 00-0356		12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 41 13 00-0334)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0357	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	37.64	8.60
		For Asphalt Coated Pipe, Add	*3.54*	
		For Asphalt Coated And 25% Paved, Add	*6.40*	
		For Smooth-Flo, Add	*12.30*	
33 41 13 00-0358	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	42.76	9.33
		For Asphalt Coated Pipe, Add	*4.19*	
		For Asphalt Coated And 25% Paved, Add	*7.56*	
		For Smooth-Flo, Add	*14.54*	
33 41 13 00-0359	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	47.61	9.33
		For Asphalt Coated Pipe, Add	*4.75*	
		For Asphalt Coated And 25% Paved, Add	*8.58*	
		For Smooth-Flo, Add	*16.48*	
33 41 13 00-0360	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	62.01	12.91
		For Asphalt Coated Pipe, Add	*6.04*	
		For Asphalt Coated And 25% Paved, Add	*10.91*	
		For Smooth-Flo, Add	*20.96*	
33 41 13 00-0361	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	78.78	16.43
		For Asphalt Coated Pipe, Add	*7.47*	
		For Asphalt Coated And 25% Paved, Add	*13.49*	
		For Smooth-Flo, Add	*25.92*	
33 41 13 00-0362	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	89.49	19.41
		For Asphalt Coated Pipe, Add	*8.75*	
		For Asphalt Coated And 25% Paved, Add	*15.80*	
		For Smooth-Flo, Add	*30.37*	
33 41 13 00-0363	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	101.01	22.40
		For Asphalt Coated Pipe, Add	*9.88*	
		For Asphalt Coated And 25% Paved, Add	*17.85*	
		For Smooth-Flo, Add	*34.30*	
33 41 13 00-0364	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	118.89	25.38
		For Asphalt Coated Pipe, Add	*11.85*	
		For Asphalt Coated And 25% Paved, Add	*21.40*	
		For Smooth-Flo, Add	*41.12*	
33 41 13 00-0365	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	129.93	26.88
		For Asphalt Coated Pipe, Add	*12.98*	
		For Asphalt Coated And 25% Paved, Add	*23.43*	
		For Smooth-Flo, Add	*45.03*	
33 41 13 00-0366	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	157.24	32.85
		For Asphalt Coated Pipe, Add	*15.80*	
		For Asphalt Coated And 25% Paved, Add	*28.53*	
		For Smooth-Flo, Add	*54.82*	
33 41 13 00-0367		10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 41 13 00-0334)*		
33 41 13 00-0368	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	88.83	16.43
		For Asphalt Coated Pipe, Add	*9.50*	
		For Asphalt Coated And 25% Paved, Add	*15.87*	
		For Smooth-Flo, Add	*22.64*	
33 41 13 00-0369	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	101.25	19.41
		For Asphalt Coated Pipe, Add	*11.13*	
		For Asphalt Coated And 25% Paved, Add	*18.59*	
		For Smooth-Flo, Add	*26.53*	
33 41 13 00-0370	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	114.35	22.40
		For Asphalt Coated Pipe, Add	*12.58*	
		For Asphalt Coated And 25% Paved, Add	*21.01*	
		For Smooth-Flo, Add	*29.98*	
33 41 13 00-0371	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	133.84	25.38
		For Asphalt Coated Pipe, Add	*14.90*	
		For Asphalt Coated And 25% Paved, Add	*24.89*	
		For Smooth-Flo, Add	*35.51*	
33 41 13 00-0372	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	146.57	26.88
		For Asphalt Coated Pipe, Add	*16.36*	
		For Asphalt Coated And 25% Paved, Add	*27.33*	
		For Smooth-Flo, Add	*39.00*	
33 41 13 00-0373	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	175.53	32.85
		For Asphalt Coated Pipe, Add	*19.57*	
		For Asphalt Coated And 25% Paved, Add	*32.70*	
		For Smooth-Flo, Add	*46.65*	
33 41 13 00-0374	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	214.42	47.78
		For Asphalt Coated Pipe, Add	*21.01*	
		For Asphalt Coated And 25% Paved, Add	*35.10*	
		For Smooth-Flo, Add	*50.09*	
33 41 13 00-0375		3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 41 13 00-0333)*		
33 41 13 00-0376		16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 41 13 00-0375)*		
33 41 13 00-0377	LF	36" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	71.94	16.43
		For Asphalt Coated Pipe, Add	*7.42*	
		For Asphalt Coated And 25% Paved, Add	*16.84*	
		For Smooth-Flo, Add	*33.53*	
33 41 13 00-0378	LF	42" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	81.56	19.41
		For Asphalt Coated Pipe, Add	*8.71*	
		For Asphalt Coated And 25% Paved, Add	*19.77*	
		For Smooth-Flo, Add	*39.37*	
33 41 13 00-0379	LF	48" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	91.73	22.40
		For Asphalt Coated Pipe, Add	*9.77*	
		For Asphalt Coated And 25% Paved, Add	*22.18*	
		For Smooth-Flo, Add	*44.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0380	LF	54" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	108.86	25.38
		For Asphalt Coated Pipe, Add	*11.93*	
		For Asphalt Coated And 25% Paved, Add	*27.09*	
		For Smooth-Flo, Add	*53.94*	
33 41 13 00-0381	LF	60" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	118.61	26.88
		For Asphalt Coated Pipe, Add	*13.00*	
		For Asphalt Coated And 25% Paved, Add	*29.51*	
		For Smooth-Flo, Add	*58.77*	
33 41 13 00-0382	LF	66" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	147.82	32.85
		For Asphalt Coated Pipe, Add	*16.70*	
		For Asphalt Coated And 25% Paved, Add	*37.91*	
		For Smooth-Flo, Add	*75.48*	
33 41 13 00-0383	LF	72" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	184.02	47.78
		For Asphalt Coated Pipe, Add	*17.80*	
		For Asphalt Coated And 25% Paved, Add	*40.41*	
		For Smooth-Flo, Add	*80.46*	
33 41 13 00-0384	LF	78" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	199.05	52.26
		For Asphalt Coated Pipe, Add	*18.91*	
		For Asphalt Coated And 25% Paved, Add	*42.92*	
		For Smooth-Flo, Add	*85.46*	
33 41 13 00-0385	LF	84" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	212.04	56.00
		For Asphalt Coated Pipe, Add	*20.01*	
		For Asphalt Coated And 25% Paved, Add	*45.42*	
		For Smooth-Flo, Add	*90.45*	
33 41 13 00-0386	LF	90" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	225.06	59.72
		For Asphalt Coated Pipe, Add	*21.12*	
		For Asphalt Coated And 25% Paved, Add	*47.94*	
		For Smooth-Flo, Add	*95.46*	
33 41 13 00-0387	LF	96" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	238.57	63.46
		For Asphalt Coated Pipe, Add	*22.22*	
		For Asphalt Coated And 25% Paved, Add	*50.44*	
		For Smooth-Flo, Add	*100.43*	
33 41 13 00-0388	LF	102" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	254.20	67.20
		For Asphalt Coated Pipe, Add	*23.33*	
		For Asphalt Coated And 25% Paved, Add	*52.97*	
		For Smooth-Flo, Add	*105.47*	
33 41 13 00-0389		14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 41 13 00-0375)*		
33 41 13 00-0390	LF	54" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	118.26	25.38
		For Asphalt Coated Pipe, Add	*13.81*	
		For Asphalt Coated And 25% Paved, Add	*27.08*	
		For Smooth-Flo, Add	*54.70*	
33 41 13 00-0391	LF	60" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	129.01	26.88
		For Asphalt Coated Pipe, Add	*15.08*	
		For Asphalt Coated And 25% Paved, Add	*29.56*	
		For Smooth-Flo, Add	*59.72*	
33 41 13 00-0392	LF	66" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	159.27	32.85
		For Asphalt Coated Pipe, Add	*18.99*	
		For Asphalt Coated And 25% Paved, Add	*37.22*	
		For Smooth-Flo, Add	*75.20*	
33 41 13 00-0393	LF	72" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	196.49	47.78
		For Asphalt Coated Pipe, Add	*20.29*	
		For Asphalt Coated And 25% Paved, Add	*39.78*	
		For Smooth-Flo, Add	*80.36*	
33 41 13 00-0394	LF	78" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	212.52	52.26
		For Asphalt Coated Pipe, Add	*21.60*	
		For Asphalt Coated And 25% Paved, Add	*42.34*	
		For Smooth-Flo, Add	*85.54*	
33 41 13 00-0395	LF	84" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	226.58	56.00
		For Asphalt Coated Pipe, Add	*22.92*	
		For Asphalt Coated And 25% Paved, Add	*44.92*	
		For Smooth-Flo, Add	*90.76*	
33 41 13 00-0396	LF	90" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	240.57	59.72
		For Asphalt Coated Pipe, Add	*24.22*	
		For Asphalt Coated And 25% Paved, Add	*47.48*	
		For Smooth-Flo, Add	*95.92*	
33 41 13 00-0397	LF	96" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	255.11	63.46
		For Asphalt Coated Pipe, Add	*25.53*	
		For Asphalt Coated And 25% Paved, Add	*50.03*	
		For Smooth-Flo, Add	*101.09*	
33 41 13 00-0398	LF	102" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	271.73	67.20
		For Asphalt Coated Pipe, Add	*26.84*	
		For Asphalt Coated And 25% Paved, Add	*52.61*	
		For Smooth-Flo, Add	*106.29*	
33 41 13 00-0399	LF	108" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	290.09	74.66
		For Asphalt Coated Pipe, Add	*28.15*	
		For Asphalt Coated And 25% Paved, Add	*55.18*	
		For Smooth-Flo, Add	*111.49*	
33 41 13 00-0400	LF	114" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	308.01	82.12
		For Asphalt Coated Pipe, Add	*29.44*	
		For Asphalt Coated And 25% Paved, Add	*57.71*	
		For Smooth-Flo, Add	*116.59*	
33 41 13 00-0401		12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 41 13 00-0375)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0402	LF	60" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	152.09	26.88
		For Asphalt Coated Pipe, Add	*19.70*	
		For Asphalt Coated And 25% Paved, Add	*37.52*	
		For Smooth-Flo, Add	*61.16*	
33 41 13 00-0403	LF	66" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	184.83	32.85
		For Asphalt Coated Pipe, Add	*24.10*	
		For Asphalt Coated And 25% Paved, Add	*45.91*	
		For Smooth-Flo, Add	*74.84*	
33 41 13 00-0404	LF	72" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	224.28	47.78
		For Asphalt Coated Pipe, Add	*25.85*	
		For Asphalt Coated And 25% Paved, Add	*49.25*	
		For Smooth-Flo, Add	*80.27*	
33 41 13 00-0405	LF	78" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	242.56	52.26
		For Asphalt Coated Pipe, Add	*27.61*	
		For Asphalt Coated And 25% Paved, Add	*52.59*	
		For Smooth-Flo, Add	*85.72*	
33 41 13 00-0406	LF	84" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	258.85	56.00
		For Asphalt Coated Pipe, Add	*29.37*	
		For Asphalt Coated And 25% Paved, Add	*55.95*	
		For Smooth-Flo, Add	*91.20*	
33 41 13 00-0407	LF	90" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	275.10	59.72
		For Asphalt Coated Pipe, Add	*31.13*	
		For Asphalt Coated And 25% Paved, Add	*59.30*	
		For Smooth-Flo, Add	*96.65*	
33 41 13 00-0408	LF	96" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	291.91	63.46
		For Asphalt Coated Pipe, Add	*32.89*	
		For Asphalt Coated And 25% Paved, Add	*62.65*	
		For Smooth-Flo, Add	*102.12*	
33 41 13 00-0409	LF	102" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	310.79	67.20
		For Asphalt Coated Pipe, Add	*34.65*	
		For Asphalt Coated And 25% Paved, Add	*66.01*	
		For Smooth-Flo, Add	*107.59*	
33 41 13 00-0410	LF	108" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	331.35	74.66
		For Asphalt Coated Pipe, Add	*36.41*	
		For Asphalt Coated And 25% Paved, Add	*69.35*	
		For Smooth-Flo, Add	*113.04*	
33 41 13 00-0411	LF	114" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	351.55	82.12
		For Asphalt Coated Pipe, Add	*38.15*	
		For Asphalt Coated And 25% Paved, Add	*72.68*	
		For Smooth-Flo, Add	*118.46*	
33 41 13 00-0412	LF	120" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	370.91	89.59
		For Asphalt Coated Pipe, Add	*39.91*	
		For Asphalt Coated And 25% Paved, Add	*76.04*	
		For Smooth-Flo, Add	*123.93*	

33 41 13 00-0413 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 41 13 00-0375)*

33 41 13 00-0414	LF	72" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	250.20	47.78
		For Asphalt Coated Pipe, Add	*31.04*	
		For Asphalt Coated And 25% Paved, Add	*58.97*	
		For Smooth-Flo, Add	*78.83*	
33 41 13 00-0415	LF	78" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	270.60	52.26
		For Asphalt Coated Pipe, Add	*33.22*	
		For Asphalt Coated And 25% Paved, Add	*63.11*	
		For Smooth-Flo, Add	*84.37*	
33 41 13 00-0416	LF	84" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	289.02	56.00
		For Asphalt Coated Pipe, Add	*35.41*	
		For Asphalt Coated And 25% Paved, Add	*67.27*	
		For Smooth-Flo, Add	*89.93*	
33 41 13 00-0417	LF	90" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	307.39	59.72
		For Asphalt Coated Pipe, Add	*37.59*	
		For Asphalt Coated And 25% Paved, Add	*71.41*	
		For Smooth-Flo, Add	*95.47*	
33 41 13 00-0418	LF	96" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	326.33	63.46
		For Asphalt Coated Pipe, Add	*39.77*	
		For Asphalt Coated And 25% Paved, Add	*75.57*	
		For Smooth-Flo, Add	*101.02*	
33 41 13 00-0419	LF	102" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	347.33	67.20
		For Asphalt Coated Pipe, Add	*41.96*	
		For Asphalt Coated And 25% Paved, Add	*79.72*	
		For Smooth-Flo, Add	*106.58*	
33 41 13 00-0420	LF	108" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	370.03	74.66
		For Asphalt Coated Pipe, Add	*44.14*	
		For Asphalt Coated And 25% Paved, Add	*83.87*	
		For Smooth-Flo, Add	*112.12*	
33 41 13 00-0421	LF	114" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	392.33	82.12
		For Asphalt Coated Pipe, Add	*46.31*	
		For Asphalt Coated And 25% Paved, Add	*87.98*	
		For Smooth-Flo, Add	*117.62*	
33 41 13 00-0422	LF	120" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	413.83	89.59
		For Asphalt Coated Pipe, Add	*48.50*	
		For Asphalt Coated And 25% Paved, Add	*92.15*	
		For Smooth-Flo, Add	*123.18*	
33 41 13 00-0423	LF	126" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	436.73	97.05
		For Asphalt Coated Pipe, Add	*50.67*	
		For Asphalt Coated And 25% Paved, Add	*96.28*	
		For Smooth-Flo, Add	*128.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0424	LF	132" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	461.52	104.52
		For Asphalt Coated Pipe, Add	*52.86*	
		For Asphalt Coated And 25% Paved, Add	*100.43*	
		For Smooth-Flo, Add	*134.26*	
33 41 13 00-0425	LF	138" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	488.58	111.99
		For Asphalt Coated Pipe, Add	*55.05*	
		For Asphalt Coated And 25% Paved, Add	*104.60*	
		For Smooth-Flo, Add	*139.84*	
33 41 13 00-0426		125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 41 13 00-0333)*		
33 41 13 00-0427		16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 41 13 00-0426)*		
33 41 13 00-0428	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	92.00	22.40
		For Asphalt Coated Pipe, Add	*12.28*	
		For Asphalt Coated And 25% Paved, Add	*28.00*	
		For Smooth-Flo, Add	*44.45*	
33 41 13 00-0429	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	109.38	25.38
		For Asphalt Coated Pipe, Add	*15.05*	
		For Asphalt Coated And 25% Paved, Add	*34.31*	
		For Smooth-Flo, Add	*54.47*	
33 41 13 00-0430	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	119.07	26.88
		For Asphalt Coated Pipe, Add	*16.37*	
		For Asphalt Coated And 25% Paved, Add	*37.32*	
		For Smooth-Flo, Add	*59.25*	
33 41 13 00-0431	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	146.74	32.85
		For Asphalt Coated Pipe, Add	*20.61*	
		For Asphalt Coated And 25% Paved, Add	*46.98*	
		For Smooth-Flo, Add	*74.59*	
33 41 13 00-0432	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	182.82	47.78
		For Asphalt Coated Pipe, Add	*21.95*	
		For Asphalt Coated And 25% Paved, Add	*50.05*	
		For Smooth-Flo, Add	*79.46*	
33 41 13 00-0433	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	197.67	52.26
		For Asphalt Coated Pipe, Add	*23.29*	
		For Asphalt Coated And 25% Paved, Add	*53.10*	
		For Smooth-Flo, Add	*84.30*	
33 41 13 00-0434	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	210.48	56.00
		For Asphalt Coated Pipe, Add	*24.62*	
		For Asphalt Coated And 25% Paved, Add	*56.14*	
		For Smooth-Flo, Add	*89.13*	
33 41 13 00-0435	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	223.27	59.72
		For Asphalt Coated Pipe, Add	*25.95*	
		For Asphalt Coated And 25% Paved, Add	*59.17*	
		For Smooth-Flo, Add	*93.95*	
33 41 13 00-0436	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	236.68	63.46
		For Asphalt Coated Pipe, Add	*27.30*	
		For Asphalt Coated And 25% Paved, Add	*62.25*	
		For Smooth-Flo, Add	*98.84*	
33 41 13 00-0437	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	252.26	67.20
		For Asphalt Coated Pipe, Add	*28.68*	
		For Asphalt Coated And 25% Paved, Add	*65.40*	
		For Smooth-Flo, Add	*103.83*	
33 41 13 00-0438		14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 41 13 00-0426)*		
33 41 13 00-0439	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	121.14	25.38
		For Asphalt Coated Pipe, Add	*14.39*	
		For Asphalt Coated And 25% Paved, Add	*33.82*	
		For Smooth-Flo, Add	*61.23*	
33 41 13 00-0440	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	132.14	26.88
		For Asphalt Coated Pipe, Add	*15.71*	
		For Asphalt Coated And 25% Paved, Add	*36.91*	
		For Smooth-Flo, Add	*66.84*	
33 41 13 00-0441	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	161.00	32.85
		For Asphalt Coated Pipe, Add	*19.34*	
		For Asphalt Coated And 25% Paved, Add	*45.44*	
		For Smooth-Flo, Add	*82.27*	
33 41 13 00-0442	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	198.22	47.78
		For Asphalt Coated Pipe, Add	*20.64*	
		For Asphalt Coated And 25% Paved, Add	*48.50*	
		For Smooth-Flo, Add	*87.82*	
33 41 13 00-0443	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	214.48	52.26
		For Asphalt Coated Pipe, Add	*21.99*	
		For Asphalt Coated And 25% Paved, Add	*51.68*	
		For Smooth-Flo, Add	*93.58*	
33 41 13 00-0444	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	228.60	56.00
		For Asphalt Coated Pipe, Add	*23.32*	
		For Asphalt Coated And 25% Paved, Add	*54.81*	
		For Smooth-Flo, Add	*99.24*	
33 41 13 00-0445	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	242.03	59.72
		For Asphalt Coated Pipe, Add	*24.51*	
		For Asphalt Coated And 25% Paved, Add	*57.61*	
		For Smooth-Flo, Add	*104.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0446	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	257.34	63.46
		For Asphalt Coated Pipe, Add	*25.97*	
		For Asphalt Coated And 25% Paved, Add	*61.04*	
		For Smooth-Flo, Add	*110.52*	
33 41 13 00-0447	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	274.03	67.20
		For Asphalt Coated Pipe, Add	*27.30*	
		For Asphalt Coated And 25% Paved, Add	*64.16*	
		For Smooth-Flo, Add	*116.16*	
33 41 13 00-0448	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	292.39	74.66
		For Asphalt Coated Pipe, Add	*28.61*	
		For Asphalt Coated And 25% Paved, Add	*67.24*	
		For Smooth-Flo, Add	*121.75*	
33 41 13 00-0449	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	310.60	82.12
		For Asphalt Coated Pipe, Add	*29.96*	
		For Asphalt Coated And 25% Paved, Add	*70.41*	
		For Smooth-Flo, Add	*127.48*	

33 41 13 00-0450 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 41 13 00-0426)*

33 41 13 00-0451	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	156.61	26.88
		For Asphalt Coated Pipe, Add	*20.60*	
		For Asphalt Coated And 25% Paved, Add	*39.14*	
		For Smooth-Flo, Add	*70.66*	
33 41 13 00-0452	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	187.95	32.85
		For Asphalt Coated Pipe, Add	*24.73*	
		For Asphalt Coated And 25% Paved, Add	*46.98*	
		For Smooth-Flo, Add	*84.81*	
33 41 13 00-0453	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	227.74	47.78
		For Asphalt Coated Pipe, Add	*26.54*	
		For Asphalt Coated And 25% Paved, Add	*50.43*	
		For Smooth-Flo, Add	*91.05*	
33 41 13 00-0454	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	246.27	52.26
		For Asphalt Coated Pipe, Add	*28.35*	
		For Asphalt Coated And 25% Paved, Add	*53.87*	
		For Smooth-Flo, Add	*97.24*	
33 41 13 00-0455	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	262.69	56.00
		For Asphalt Coated Pipe, Add	*30.14*	
		For Asphalt Coated And 25% Paved, Add	*57.27*	
		For Smooth-Flo, Add	*103.38*	
33 41 13 00-0456	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	279.23	59.72
		For Asphalt Coated Pipe, Add	*31.95*	
		For Asphalt Coated And 25% Paved, Add	*60.71*	
		For Smooth-Flo, Add	*109.60*	
33 41 13 00-0457	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	296.24	63.46
		For Asphalt Coated Pipe, Add	*33.75*	
		For Asphalt Coated And 25% Paved, Add	*64.13*	
		For Smooth-Flo, Add	*115.78*	
33 41 13 00-0458	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	315.29	67.20
		For Asphalt Coated Pipe, Add	*35.55*	
		For Asphalt Coated And 25% Paved, Add	*67.55*	
		For Smooth-Flo, Add	*121.94*	
33 41 13 00-0459	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	336.15	74.66
		For Asphalt Coated Pipe, Add	*37.37*	
		For Asphalt Coated And 25% Paved, Add	*71.00*	
		For Smooth-Flo, Add	*128.17*	
33 41 13 00-0460	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	356.63	82.12
		For Asphalt Coated Pipe, Add	*39.17*	
		For Asphalt Coated And 25% Paved, Add	*74.42*	
		For Smooth-Flo, Add	*134.34*	
33 41 13 00-0461	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	376.18	89.59
		For Asphalt Coated Pipe, Add	*40.97*	
		For Asphalt Coated And 25% Paved, Add	*77.84*	
		For Smooth-Flo, Add	*140.52*	

33 41 13 00-0462 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 41 13 00-0426)*

33 41 13 00-0463	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	256.02	47.78
		For Asphalt Coated Pipe, Add	*32.20*	
		For Asphalt Coated And 25% Paved, Add	*61.18*	
		For Smooth-Flo, Add	*96.12*	
33 41 13 00-0464	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	277.17	52.26
		For Asphalt Coated Pipe, Add	*34.53*	
		For Asphalt Coated And 25% Paved, Add	*65.61*	
		For Smooth-Flo, Add	*103.07*	
33 41 13 00-0465	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	296.05	56.00
		For Asphalt Coated Pipe, Add	*36.81*	
		For Asphalt Coated And 25% Paved, Add	*69.94*	
		For Smooth-Flo, Add	*109.88*	
33 41 13 00-0466	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	314.82	59.72
		For Asphalt Coated Pipe, Add	*39.07*	
		For Asphalt Coated And 25% Paved, Add	*74.24*	
		For Smooth-Flo, Add	*116.63*	
33 41 13 00-0467	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	334.25	63.46
		For Asphalt Coated Pipe, Add	*41.36*	
		For Asphalt Coated And 25% Paved, Add	*78.58*	
		For Smooth-Flo, Add	*123.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0468	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	355.63	67.20
		For Asphalt Coated Pipe, Add	*43.62*	
		For Asphalt Coated And 25% Paved, Add	*82.88*	
		For Smooth-Flo, Add	*130.21*	
33 41 13 00-0469	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	378.83	74.66
		For Asphalt Coated Pipe, Add	*45.90*	
		For Asphalt Coated And 25% Paved, Add	*87.21*	
		For Smooth-Flo, Add	*137.02*	
33 41 13 00-0470	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	401.69	82.12
		For Asphalt Coated Pipe, Add	*48.18*	
		For Asphalt Coated And 25% Paved, Add	*91.54*	
		For Smooth-Flo, Add	*143.81*	
33 41 13 00-0471	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	423.55	89.59
		For Asphalt Coated Pipe, Add	*50.44*	
		For Asphalt Coated And 25% Paved, Add	*95.84*	
		For Smooth-Flo, Add	*150.57*	
33 41 13 00-0472	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	450.53	97.05
		For Asphalt Coated Pipe, Add	*53.43*	
		For Asphalt Coated And 25% Paved, Add	*101.52*	
		For Smooth-Flo, Add	*159.49*	
33 41 13 00-0473	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	476.70	104.52
		For Asphalt Coated Pipe, Add	*55.90*	
		For Asphalt Coated And 25% Paved, Add	*106.20*	
		For Smooth-Flo, Add	*166.85*	
33 41 13 00-0474	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	505.59	111.99
		For Asphalt Coated Pipe, Add	*58.46*	
		For Asphalt Coated And 25% Paved, Add	*111.07*	
		For Smooth-Flo, Add	*174.49*	

33 41 13 00-0475 Helical Ribbed, Galvanized Corrugated Steel Piping *(33 41 13 00-0333)*

33 41 13 00-0476 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 41 13 00-0475)*

33 41 13 00-0477	LF	18" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	33.03	8.60
		For Asphalt Coated Pipe, Add	*3.78*	
33 41 13 00-0478	LF	21" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	37.47	9.33
		For Asphalt Coated Pipe, Add	*4.51*	
33 41 13 00-0479	LF	24" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	41.64	10.04
		For Asphalt Coated Pipe, Add	*5.12*	
33 41 13 00-0480	LF	30" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	54.79	12.91
		For Asphalt Coated Pipe, Add	*6.60*	
33 41 13 00-0481	LF	36" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	70.33	16.43
		For Asphalt Coated Pipe, Add	*8.27*	
33 41 13 00-0482	LF	42" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	79.85	19.41
		For Asphalt Coated Pipe, Add	*9.75*	
33 41 13 00-0483	LF	48" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	89.98	22.40
		For Asphalt Coated Pipe, Add	*10.97*	
33 41 13 00-0484	LF	54" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	106.88	25.38
		For Asphalt Coated Pipe, Add	*13.44*	
33 41 13 00-0485	LF	60" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	116.58	26.88
		For Asphalt Coated Pipe, Add	*14.67*	

33 41 13 00-0486 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 41 13 00-0475)*

33 41 13 00-0487	LF	18" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	35.74	8.60
		For Asphalt Coated Pipe, Add	*4.38*	
33 41 13 00-0488	LF	21" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	40.64	9.33
		For Asphalt Coated Pipe, Add	*5.20*	
33 41 13 00-0489	LF	24" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	45.25	10.04
		For Asphalt Coated Pipe, Add	*5.91*	
33 41 13 00-0490	LF	30" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	59.28	12.91
		For Asphalt Coated Pipe, Add	*7.58*	
33 41 13 00-0491	LF	36" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	75.73	16.43
		For Asphalt Coated Pipe, Add	*9.44*	
33 41 13 00-0492	LF	42" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	86.17	19.41
		For Asphalt Coated Pipe, Add	*11.12*	
33 41 13 00-0493	LF	48" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	97.19	22.40
		For Asphalt Coated Pipe, Add	*12.55*	
33 41 13 00-0494	LF	54" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	114.99	25.38
		For Asphalt Coated Pipe, Add	*15.20*	
33 41 13 00-0495	LF	60" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	125.61	26.88
		For Asphalt Coated Pipe, Add	*16.63*	
33 41 13 00-0496	LF	66" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	153.78	32.85
		For Asphalt Coated Pipe, Add	*20.67*	
33 41 13 00-0497	LF	72" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	190.61	47.78
		For Asphalt Coated Pipe, Add	*22.08*	
33 41 13 00-0498	LF	78" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	206.35	52.26
		For Asphalt Coated Pipe, Add	*23.52*	

33 41 13 00-0499 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 41 13 00-0475)*

33 41 13 00-0500	LF	30" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	68.37	12.91
		For Asphalt Coated Pipe, Add	*7.92*	
33 41 13 00-0501	LF	36" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	86.60	16.43
		For Asphalt Coated Pipe, Add	*9.78*	
33 41 13 00-0502	LF	42" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	98.89	19.41
		For Asphalt Coated Pipe, Add	*11.51*	
33 41 13 00-0503	LF	48" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	111.70	22.40
		For Asphalt Coated Pipe, Add	*13.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0504	LF	54" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	131.34	25.38
		For Asphalt Coated Pipe, Add	*15.53*	
33 41 13 00-0505	LF	60" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	143.79	26.88
		For Asphalt Coated Pipe, Add	*17.05*	
33 41 13 00-0506	LF	66" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	173.74	32.85
		For Asphalt Coated Pipe, Add	*20.68*	
33 41 13 00-0507	LF	72" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	212.36	47.78
		For Asphalt Coated Pipe, Add	*22.18*	
33 41 13 00-0508	LF	78" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	229.88	52.26
		For Asphalt Coated Pipe, Add	*23.69*	
33 41 13 00-0509	LF	84" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	245.34	56.00
		For Asphalt Coated Pipe, Add	*25.20*	
33 41 13 00-0510	LF	90" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	260.77	59.72
		For Asphalt Coated Pipe, Add	*26.71*	
33 41 13 00-0511	LF	96" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	276.75	63.46
		For Asphalt Coated Pipe, Add	*28.21*	
33 41 13 00-0512	LF	102" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	293.90	67.20
		For Asphalt Coated Pipe, Add	*29.55*	

33 41 13 00-0513 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 41 13 00-0333)*

33 41 13 00-0514 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 41 13 00-0513)*

33 41 13 00-0515	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	12.55	4.30
		For Asphalt Coated Pipe, Add	*0.97*	
33 41 13 00-0516	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	13.35	4.30
		For Asphalt Coated Pipe, Add	*1.16*	
33 41 13 00-0517	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	15.65	5.38
		For Asphalt Coated Pipe, Add	*1.28*	
33 41 13 00-0518	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	16.68	5.38
		For Asphalt Coated Pipe, Add	*1.53*	
33 41 13 00-0519	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	19.80	6.46
		For Asphalt Coated Pipe, Add	*1.61*	
33 41 13 00-0520	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	21.10	6.46
		For Asphalt Coated Pipe, Add	*1.93*	

33 41 13 00-0521 Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 41 13 00-0513)*

33 41 13 00-0522	LF	6" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	12.66	4.30
		For Asphalt Coated Pipe, Add	*0.95*	
33 41 13 00-0523	LF	6" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	13.44	4.30
		For Asphalt Coated Pipe, Add	*1.14*	
33 41 13 00-0524	LF	8" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	15.77	5.38
		For Asphalt Coated Pipe, Add	*1.25*	
33 41 13 00-0525	LF	8" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	16.85	5.38
		For Asphalt Coated Pipe, Add	*1.51*	
33 41 13 00-0526	LF	10" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	20.00	6.46
		For Asphalt Coated Pipe, Add	*1.59*	
33 41 13 00-0527	LF	10" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	21.33	6.46
		For Asphalt Coated Pipe, Add	*1.90*	

33 41 13 00-0528 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe Fittings *(33 41 13 00-0513)*

33 41 13 00-0529	EA	6" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	5.97	
		For Asphalt Coated Pipe, Add	*1.34*	
33 41 13 00-0530	EA	8" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	7.91	
		For Asphalt Coated Pipe, Add	*1.78*	
33 41 13 00-0531	EA	10" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	9.69	
		For Asphalt Coated Pipe, Add	*2.18*	
33 41 13 00-0532	EA	6" 18 Gauge, Band Elbows For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	21.54	
		For Asphalt Coated Pipe, Add	*2.97*	
33 41 13 00-0533	EA	6" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	5.92	
		For Asphalt Coated Pipe, Add	*0.68*	
33 41 13 00-0534	EA	8" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	7.30	
		For Asphalt Coated Pipe, Add	*1.02*	

33 41 13 00-0535 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 41 13 00-0333)*

33 41 13 00-0536 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 41 13 00-0535)*

33 41 13 00-0537	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	35.80	7.54
33 41 13 00-0538	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	41.59	7.89
33 41 13 00-0539	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	47.56	8.60
33 41 13 00-0540	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	54.91	9.33
33 41 13 00-0541	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	61.10	10.04
33 41 13 00-0542	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	80.18	12.91
33 41 13 00-0543	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	102.64	16.43
33 41 13 00-0544	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	118.20	19.41
33 41 13 00-0545	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	132.71	22.40

33 41 13 00-0546 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 41 13 00-0535)*

33 41 13 00-0547	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	40.17	7.54
33 41 13 00-0548	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	46.99	7.89
33 41 13 00-0549	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	54.04	8.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0550	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	62.40	9.33
33 41 13 00-0551	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	69.81	10.04
33 41 13 00-0552	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	90.87	12.91
33 41 13 00-0553	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	115.54	16.43
33 41 13 00-0554	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	133.00	19.41
33 41 13 00-0555	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	149.61	22.40
33 41 13 00-0556	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	180.46	25.38
33 41 13 00-0557		12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 41 13 00-0535)*		
33 41 13 00-0558	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	67.53	8.60
33 41 13 00-0559	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	78.16	9.33
33 41 13 00-0560	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	87.72	10.04
33 41 13 00-0561	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	113.25	12.91
33 41 13 00-0562	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	136.90	16.43
33 41 13 00-0563	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	164.30	19.41
33 41 13 00-0564	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	185.33	22.40
33 41 13 00-0565	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	221.22	25.38
33 41 13 00-0566	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	241.69	26.88
33 41 13 00-0567	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	295.67	32.85
33 41 13 00-0568		10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 41 13 00-0535)*		
33 41 13 00-0569	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	166.91	16.43
33 41 13 00-0570	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	192.81	19.41
33 41 13 00-0571	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	217.71	22.40
33 41 13 00-0572	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	257.50	25.38
33 41 13 00-0573	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	282.08	26.88
33 41 13 00-0574	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	340.03	32.85
33 41 13 00-0575	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	390.62	47.78
33 41 13 00-0576		3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 41 13 00-0333)*		
33 41 13 00-0577		16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 41 13 00-0576)*		
33 41 13 00-0578	LF	36" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	127.40	16.43
33 41 13 00-0579	LF	42" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	146.76	19.41
33 41 13 00-0580	LF	48" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	164.73	22.40
33 41 13 00-0581	LF	54" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	198.67	25.38
33 41 13 00-0582	LF	60" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	216.33	26.88
33 41 13 00-0583	LF	66" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	274.44	32.85
33 41 13 00-0584	LF	72" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	318.82	47.78
33 41 13 00-0585	LF	78" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	341.99	52.26
33 41 13 00-0586	LF	84" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	363.18	56.00
33 41 13 00-0587	LF	90" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	384.38	59.72
33 41 13 00-0588	LF	96" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	406.06	63.46
33 41 13 00-0589	LF	102" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	429.91	67.20
33 41 13 00-0590		14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 41 13 00-0576)*		
33 41 13 00-0591	LF	54" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	222.00	25.38
33 41 13 00-0592	LF	60" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	242.11	26.88
33 41 13 00-0593	LF	66" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	302.84	32.85
33 41 13 00-0594	LF	72" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	349.71	47.78
33 41 13 00-0595	LF	78" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	375.40	52.26
33 41 13 00-0596	LF	84" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	399.20	56.00
33 41 13 00-0597	LF	90" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	422.86	59.72
33 41 13 00-0598	LF	96" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	447.04	63.46
33 41 13 00-0599	LF	102" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	473.44	67.20
33 41 13 00-0600	LF	108" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	501.49	74.66
33 41 13 00-0601	LF	114" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	528.94	82.12
33 41 13 00-0602		12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 41 13 00-0576)*		
33 41 13 00-0603	LF	60" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	300.77	26.88
33 41 13 00-0604	LF	66" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	368.09	32.85
33 41 13 00-0605	LF	72" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	420.61	47.78
33 41 13 00-0606	LF	78" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	451.99	52.26
33 41 13 00-0607	LF	84" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	481.46	56.00
33 41 13 00-0608	LF	90" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	510.80	59.72
33 41 13 00-0609	LF	96" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	540.72	63.46
33 41 13 00-0610	LF	102" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	572.76	67.20
33 41 13 00-0611	LF	108" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	606.43	74.66
33 41 13 00-0612	LF	114" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	639.65	82.12
33 41 13 00-0613	LF	120" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	672.18	89.59
33 41 13 00-0614		10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 41 13 00-0576)*		
33 41 13 00-0615	LF	72" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	485.23	47.78
33 41 13 00-0616	LF	78" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	521.87	52.26
33 41 13 00-0617	LF	84" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	556.64	56.00
33 41 13 00-0618	LF	90" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	591.27	59.72
33 41 13 00-0619	LF	96" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	626.51	63.46

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0620	LF	102" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	663.85	67.20
33 41 13 00-0621	LF	108" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	702.83	74.66
33 41 13 00-0622	LF	114" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	741.32	82.12
33 41 13 00-0623	LF	120" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	779.16	89.59
33 41 13 00-0624	LF	126" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	818.28	97.05
33 41 13 00-0625	LF	132" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	859.41	104.52
33 41 13 00-0626	LF	138" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	902.82	111.99
33 41 13 00-0627		125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping *(33 41 13 00-0333)*		
33 41 13 00-0628		16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping *(33 41 13 00-0627)*		
33 41 13 00-0629	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	159.71	22.40
33 41 13 00-0630	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	193.14	25.38
33 41 13 00-0631	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	209.99	26.88
33 41 13 00-0632	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	262.66	32.85
33 41 13 00-0633	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	306.07	47.78
33 41 13 00-0634	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	328.24	52.26
33 41 13 00-0635	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	348.29	56.00
33 41 13 00-0636	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	368.29	59.72
33 41 13 00-0637	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	389.02	63.46
33 41 13 00-0638	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	412.17	67.20
33 41 13 00-0639		14 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping *(33 41 13 00-0627)*		
33 41 13 00-0640	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	220.84	25.38
33 41 13 00-0641	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	240.85	26.88
33 41 13 00-0642	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	296.31	32.85
33 41 13 00-0643	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	342.43	47.78
33 41 13 00-0644	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	367.88	52.26
33 41 13 00-0645	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	391.02	56.00
33 41 13 00-0646	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	412.57	59.72
33 41 13 00-0647	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	437.80	63.46
33 41 13 00-0648	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	463.53	67.20
33 41 13 00-0649	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	490.80	74.66
33 41 13 00-0650	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	518.17	82.12
33 41 13 00-0651		12 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping *(33 41 13 00-0627)*		
33 41 13 00-0652	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	302.69	26.88
33 41 13 00-0653	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	364.73	32.85
33 41 13 00-0654	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	417.32	47.78
33 41 13 00-0655	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	448.46	52.26
33 41 13 00-0656	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	477.39	56.00
33 41 13 00-0657	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	506.67	59.72
33 41 13 00-0658	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	536.31	63.46
33 41 13 00-0659	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	567.92	67.20
33 41 13 00-0660	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	601.51	74.66
33 41 13 00-0661	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	634.62	82.12
33 41 13 00-0662	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	666.78	89.59
33 41 13 00-0663		10 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping *(33 41 13 00-0627)*		
33 41 13 00-0664	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	485.20	47.78
33 41 13 00-0665	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	522.65	52.26
33 41 13 00-0666	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	557.53	56.00
33 41 13 00-0667	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	592.15	59.72
33 41 13 00-0668	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	627.54	63.46
33 41 13 00-0669	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	664.83	67.20
33 41 13 00-0670	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	703.97	74.66
33 41 13 00-0671	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	742.78	82.12
33 41 13 00-0672	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	780.54	89.59
33 41 13 00-0673	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	828.44	97.05
33 41 13 00-0674	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	871.90	104.52
33 41 13 00-0675	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	918.72	111.99
33 41 13 00-0676		Galvanized Corrugated Steel Pipe-Arch *(33 41 13 00-0332)*		
33 41 13 00-0677		2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 41 13 00-0676)*		
33 41 13 00-0678		16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 41 13 00-0677)*		
33 41 13 00-0679	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	27.25	7.89
		For Asphalt Coated Pipe, Add	*2.75*	
		For Asphalt Coated And 25% Paved, Add	*6.65*	
		For Smooth-Flo, Add	*10.97*	
33 41 13 00-0680	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	29.99	8.60
		For Asphalt Coated Pipe, Add	*3.29*	
		For Asphalt Coated And 25% Paved, Add	*7.95*	
		For Smooth-Flo, Add	*13.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0681	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	34.01	9.33
		For Asphalt Coated Pipe, Add	*3.96*	
		For Asphalt Coated And 25% Paved, Add	*9.57*	
		For Smooth-Flo, Add	*15.78*	
33 41 13 00-0682	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	37.98	10.04
		For Asphalt Coated Pipe, Add	*4.56*	
		For Asphalt Coated And 25% Paved, Add	*11.02*	
		For Smooth-Flo, Add	*18.18*	
33 41 13 00-0683	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	49.73	12.91
		For Asphalt Coated Pipe, Add	*5.79*	
		For Asphalt Coated And 25% Paved, Add	*14.00*	
		For Smooth-Flo, Add	*23.09*	
33 41 13 00-0684	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	64.83	16.43
		For Asphalt Coated Pipe, Add	*7.47*	
		For Asphalt Coated And 25% Paved, Add	*18.05*	
		For Smooth-Flo, Add	*29.77*	

33 41 13 00-0685 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 41 13 00-0677)*

33 41 13 00-0686	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	29.48	7.89
		For Asphalt Coated Pipe, Add	*2.86*	
		For Asphalt Coated And 25% Paved, Add	*6.68*	
		For Smooth-Flo, Add	*10.96*	
33 41 13 00-0687	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	32.72	8.60
		For Asphalt Coated Pipe, Add	*3.42*	
		For Asphalt Coated And 25% Paved, Add	*8.01*	
		For Smooth-Flo, Add	*13.14*	
33 41 13 00-0688	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	37.05	9.33
		For Asphalt Coated Pipe, Add	*4.07*	
		For Asphalt Coated And 25% Paved, Add	*9.52*	
		For Smooth-Flo, Add	*15.62*	
33 41 13 00-0689	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	41.50	10.04
		For Asphalt Coated Pipe, Add	*4.69*	
		For Asphalt Coated And 25% Paved, Add	*10.98*	
		For Smooth-Flo, Add	*18.01*	
33 41 13 00-0690	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	54.13	12.91
		For Asphalt Coated Pipe, Add	*5.94*	
		For Asphalt Coated And 25% Paved, Add	*13.91*	
		For Smooth-Flo, Add	*22.81*	
33 41 13 00-0691	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	70.06	16.43
		For Asphalt Coated Pipe, Add	*7.57*	
		For Asphalt Coated And 25% Paved, Add	*17.71*	
		For Smooth-Flo, Add	*29.05*	
33 41 13 00-0692	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	79.96	19.41
		For Asphalt Coated Pipe, Add	*9.02*	
		For Asphalt Coated And 25% Paved, Add	*21.10*	
		For Smooth-Flo, Add	*34.61*	

33 41 13 00-0693 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 41 13 00-0677)*

33 41 13 00-0694	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	41.81	8.96
		For Asphalt Coated Pipe, Add	*3.70*	
		For Asphalt Coated And 25% Paved, Add	*8.24*	
		For Smooth-Flo, Add	*12.67*	
33 41 13 00-0695	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	47.39	9.70
		For Asphalt Coated Pipe, Add	*4.39*	
		For Asphalt Coated And 25% Paved, Add	*9.78*	
		For Smooth-Flo, Add	*15.03*	
33 41 13 00-0696	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	53.02	10.45
		For Asphalt Coated Pipe, Add	*5.04*	
		For Asphalt Coated And 25% Paved, Add	*11.22*	
		For Smooth-Flo, Add	*17.24*	
33 41 13 00-0697	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	68.83	13.44
		For Asphalt Coated Pipe, Add	*6.34*	
		For Asphalt Coated And 25% Paved, Add	*14.12*	
		For Smooth-Flo, Add	*21.71*	
33 41 13 00-0698	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	80.74	16.43
		For Asphalt Coated Pipe, Add	*7.94*	
		For Asphalt Coated And 25% Paved, Add	*17.67*	
		For Smooth-Flo, Add	*27.17*	
33 41 13 00-0699	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	92.28	19.41
		For Asphalt Coated Pipe, Add	*9.39*	
		For Asphalt Coated And 25% Paved, Add	*20.89*	
		For Smooth-Flo, Add	*32.13*	
33 41 13 00-0700	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	107.24	22.40
		For Asphalt Coated Pipe, Add	*11.13*	
		For Asphalt Coated And 25% Paved, Add	*24.78*	
		For Smooth-Flo, Add	*38.10*	
33 41 13 00-0701	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	120.26	25.38
		For Asphalt Coated Pipe, Add	*12.30*	
		For Asphalt Coated And 25% Paved, Add	*27.36*	
		For Smooth-Flo, Add	*42.07*	

33 41 13 00-0702 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 41 13 00-0677)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0703	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	90.79	16.43
		For Asphalt Coated Pipe, Add	*9.57*	
		For Asphalt Coated And 25% Paved, Add	*20.14*	
		For Smooth-Flo, Add	*25.40*	
33 41 13 00-0704	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	104.00	19.41
		For Asphalt Coated Pipe, Add	*11.28*	
		For Asphalt Coated And 25% Paved, Add	*23.76*	
		For Smooth-Flo, Add	*29.96*	
33 41 13 00-0705	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	120.52	22.40
		For Asphalt Coated Pipe, Add	*13.28*	
		For Asphalt Coated And 25% Paved, Add	*27.95*	
		For Smooth-Flo, Add	*35.25*	
33 41 13 00-0706	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	135.28	25.38
		For Asphalt Coated Pipe, Add	*14.72*	
		For Asphalt Coated And 25% Paved, Add	*30.99*	
		For Smooth-Flo, Add	*39.08*	
33 41 13 00-0707	LF	71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	148.11	26.88
		For Asphalt Coated Pipe, Add	*16.16*	
		For Asphalt Coated And 25% Paved, Add	*34.02*	
		For Smooth-Flo, Add	*42.91*	

33 41 13 00-0708 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 41 13 00-0676)*

33 41 13 00-0709 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 41 13 00-0708)*

33 41 13 00-0710	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	120.12	25.38
		For Asphalt Coated Pipe, Add	*14.19*	
		For Asphalt Coated And 25% Paved, Add	*43.13*	
		For Smooth-Flo, Add	*48.23*	
33 41 13 00-0711	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	131.22	26.88
		For Asphalt Coated Pipe, Add	*15.52*	
		For Asphalt Coated And 25% Paved, Add	*47.19*	
		For Smooth-Flo, Add	*52.78*	
33 41 13 00-0712	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	161.81	32.85
		For Asphalt Coated Pipe, Add	*19.50*	
		For Asphalt Coated And 25% Paved, Add	*59.27*	
		For Smooth-Flo, Add	*66.29*	
33 41 13 00-0713	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	199.54	47.78
		For Asphalt Coated Pipe, Add	*20.90*	
		For Asphalt Coated And 25% Paved, Add	*63.55*	
		For Smooth-Flo, Add	*71.07*	
33 41 13 00-0714	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	216.42	52.26
		For Asphalt Coated Pipe, Add	*22.38*	
		For Asphalt Coated And 25% Paved, Add	*68.04*	
		For Smooth-Flo, Add	*76.09*	
33 41 13 00-0715	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	231.31	56.00
		For Asphalt Coated Pipe, Add	*23.86*	
		For Asphalt Coated And 25% Paved, Add	*72.55*	
		For Smooth-Flo, Add	*81.14*	
33 41 13 00-0716	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	246.16	59.72
		For Asphalt Coated Pipe, Add	*25.34*	
		For Asphalt Coated And 25% Paved, Add	*77.03*	
		For Smooth-Flo, Add	*86.16*	
33 41 13 00-0717	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	261.53	63.46
		For Asphalt Coated Pipe, Add	*26.81*	
		For Asphalt Coated And 25% Paved, Add	*81.51*	
		For Smooth-Flo, Add	*91.16*	

33 41 13 00-0718 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 41 13 00-0708)*

33 41 13 00-0719	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	154.32	26.88
		For Asphalt Coated Pipe, Add	*20.14*	
		For Asphalt Coated And 25% Paved, Add	*52.78*	
		For Smooth-Flo, Add	*62.45*	
33 41 13 00-0720	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	187.43	32.85
		For Asphalt Coated Pipe, Add	*24.62*	
		For Asphalt Coated And 25% Paved, Add	*64.51*	
		For Smooth-Flo, Add	*76.33*	
33 41 13 00-0721	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	227.43	47.78
		For Asphalt Coated Pipe, Add	*26.48*	
		For Asphalt Coated And 25% Paved, Add	*69.38*	
		For Smooth-Flo, Add	*82.09*	
33 41 13 00-0722	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	246.56	52.26
		For Asphalt Coated Pipe, Add	*28.41*	
		For Asphalt Coated And 25% Paved, Add	*74.43*	
		For Smooth-Flo, Add	*88.06*	
33 41 13 00-0723	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	263.71	56.00
		For Asphalt Coated Pipe, Add	*30.34*	
		For Asphalt Coated And 25% Paved, Add	*79.50*	
		For Smooth-Flo, Add	*94.07*	
33 41 13 00-0724	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	280.83	59.72
		For Asphalt Coated Pipe, Add	*32.27*	
		For Asphalt Coated And 25% Paved, Add	*84.56*	
		For Smooth-Flo, Add	*100.05*	
33 41 13 00-0725	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	298.45	63.46
		For Asphalt Coated Pipe, Add	*34.20*	
		For Asphalt Coated And 25% Paved, Add	*89.59*	
		For Smooth-Flo, Add	*106.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0726	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	318.23	67.20
		For Asphalt Coated Pipe, Add	*36.14*	
		For Asphalt Coated And 25% Paved, Add	*94.69*	
		For Smooth-Flo, Add	*112.03*	
33 41 13 00-0727	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	339.67	74.66
		For Asphalt Coated Pipe, Add	*38.07*	
		For Asphalt Coated And 25% Paved, Add	*99.74*	
		For Smooth-Flo, Add	*118.02*	
33 41 13 00-0728	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	361.76	82.12
		For Asphalt Coated Pipe, Add	*40.19*	
		For Asphalt Coated And 25% Paved, Add	*105.30*	
		For Smooth-Flo, Add	*124.60*	
33 41 13 00-0729		10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 41 13 00-0708)*		
33 41 13 00-0730	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	253.35	47.78
		For Asphalt Coated Pipe, Add	*31.67*	
		For Asphalt Coated And 25% Paved, Add	*75.37*	
		For Smooth-Flo, Add	*81.86*	
33 41 13 00-0731	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	274.63	52.26
		For Asphalt Coated Pipe, Add	*34.02*	
		For Asphalt Coated And 25% Paved, Add	*80.97*	
		For Smooth-Flo, Add	*87.95*	
33 41 13 00-0732	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	293.90	56.00
		For Asphalt Coated Pipe, Add	*36.38*	
		For Asphalt Coated And 25% Paved, Add	*86.59*	
		For Smooth-Flo, Add	*94.05*	
33 41 13 00-0733	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	313.11	59.72
		For Asphalt Coated Pipe, Add	*38.73*	
		For Asphalt Coated And 25% Paved, Add	*92.18*	
		For Smooth-Flo, Add	*100.12*	
33 41 13 00-0734	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	332.87	63.46
		For Asphalt Coated Pipe, Add	*41.08*	
		For Asphalt Coated And 25% Paved, Add	*97.77*	
		For Smooth-Flo, Add	*106.19*	
33 41 13 00-0735	LF	117" x 79" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	354.76	67.20
		For Asphalt Coated Pipe, Add	*43.45*	
		For Asphalt Coated And 25% Paved, Add	*103.40*	
		For Smooth-Flo, Add	*112.31*	
33 41 13 00-0736	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	378.33	74.66
		For Asphalt Coated Pipe, Add	*45.80*	
		For Asphalt Coated And 25% Paved, Add	*109.01*	
		For Smooth-Flo, Add	*118.40*	
33 41 13 00-0737	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	402.38	82.12
		For Asphalt Coated Pipe, Add	*48.32*	
		For Asphalt Coated And 25% Paved, Add	*114.99*	
		For Smooth-Flo, Add	*124.90*	
33 41 13 00-0738	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	428.01	89.59
		For Asphalt Coated Pipe, Add	*51.33*	
		For Asphalt Coated And 25% Paved, Add	*122.17*	
		For Smooth-Flo, Add	*132.70*	
33 41 13 00-0739		125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 41 13 00-0676)*		
33 41 13 00-0740		12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 41 13 00-0739)*		
33 41 13 00-0741	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	229.98	47.78
		For Asphalt Coated Pipe, Add	*26.99*	
		For Asphalt Coated And 25% Paved, Add	*65.86*	
		For Smooth-Flo, Add	*83.81*	
33 41 13 00-0742	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	248.86	52.26
		For Asphalt Coated Pipe, Add	*28.87*	
		For Asphalt Coated And 25% Paved, Add	*70.44*	
		For Smooth-Flo, Add	*89.64*	
33 41 13 00-0743	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	265.61	56.00
		For Asphalt Coated Pipe, Add	*30.72*	
		For Asphalt Coated And 25% Paved, Add	*74.97*	
		For Smooth-Flo, Add	*95.40*	
33 41 13 00-0744	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	282.35	59.72
		For Asphalt Coated Pipe, Add	*32.58*	
		For Asphalt Coated And 25% Paved, Add	*79.49*	
		For Smooth-Flo, Add	*101.15*	
33 41 13 00-0745	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	299.70	63.46
		For Asphalt Coated Pipe, Add	*34.45*	
		For Asphalt Coated And 25% Paved, Add	*84.05*	
		For Smooth-Flo, Add	*106.95*	
33 41 13 00-0746	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	319.27	67.20
		For Asphalt Coated Pipe, Add	*36.35*	
		For Asphalt Coated And 25% Paved, Add	*88.69*	
		For Smooth-Flo, Add	*112.86*	
33 41 13 00-0747	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	340.51	74.66
		For Asphalt Coated Pipe, Add	*38.24*	
		For Asphalt Coated And 25% Paved, Add	*93.30*	
		For Smooth-Flo, Add	*118.73*	
33 41 13 00-0748	LF	137" x 87"" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	363.83	82.12
		For Asphalt Coated Pipe, Add	*40.61*	
		For Asphalt Coated And 25% Paved, Add	*99.08*	
		For Smooth-Flo, Add	*126.08*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0749		10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 41 13 00-0739)*		
33 41 13 00-0750	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	258.66	47.78
		For Asphalt Coated Pipe, Add	*32.73*	
		For Asphalt Coated And 25% Paved, Add	*73.97*	
		For Smooth-Flo, Add	*80.35*	
33 41 13 00-0751	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	279.84	52.26
		For Asphalt Coated Pipe, Add	*35.06*	
		For Asphalt Coated And 25% Paved, Add	*79.24*	
		For Smooth-Flo, Add	*86.08*	
33 41 13 00-0752	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	298.92	56.00
		For Asphalt Coated Pipe, Add	*37.39*	
		For Asphalt Coated And 25% Paved, Add	*84.49*	
		For Smooth-Flo, Add	*91.78*	
33 41 13 00-0753	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	318.07	59.72
		For Asphalt Coated Pipe, Add	*39.72*	
		For Asphalt Coated And 25% Paved, Add	*89.77*	
		For Smooth-Flo, Add	*97.52*	
33 41 13 00-0754	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	337.36	63.46
		For Asphalt Coated Pipe, Add	*41.98*	
		For Asphalt Coated And 25% Paved, Add	*94.87*	
		For Smooth-Flo, Add	*103.06*	
33 41 13 00-0755	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	359.57	67.20
		For Asphalt Coated Pipe, Add	*44.41*	
		For Asphalt Coated And 25% Paved, Add	*100.36*	
		For Smooth-Flo, Add	*109.02*	
33 41 13 00-0756	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	383.18	74.66
		For Asphalt Coated Pipe, Add	*46.77*	
		For Asphalt Coated And 25% Paved, Add	*105.70*	
		For Smooth-Flo, Add	*114.83*	
33 41 13 00-0757	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	408.86	82.12
		For Asphalt Coated Pipe, Add	*49.61*	
		For Asphalt Coated And 25% Paved, Add	*112.12*	
		For Smooth-Flo, Add	*121.80*	
33 41 13 00-0758	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	432.81	89.59
		For Asphalt Coated Pipe, Add	*52.29*	
		For Asphalt Coated And 25% Paved, Add	*118.18*	
		For Smooth-Flo, Add	*128.38*	
33 41 13 00-0759		2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 41 13 00-0676)*		
33 41 13 00-0760		16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 41 13 00-0759)*		
33 41 13 00-0761	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	41.63	7.89
33 41 13 00-0762	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	47.17	8.60
33 41 13 00-0763	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	54.74	9.33
33 41 13 00-0764	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	61.90	10.04
33 41 13 00-0765	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	80.20	12.91
33 41 13 00-0766	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	104.42	16.43
33 41 13 00-0767		14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 41 13 00-0759)*		
33 41 13 00-0768	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	46.76	7.89
33 41 13 00-0769	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	53.44	8.60
33 41 13 00-0770	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	61.74	9.33
33 41 13 00-0771	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	70.03	10.04
33 41 13 00-0772	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	90.32	12.91
33 41 13 00-0773	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	116.45	16.43
33 41 13 00-0774	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	135.33	19.41
33 41 13 00-0775		12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 41 13 00-0759)*		
33 41 13 00-0776	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	68.80	8.60
33 41 13 00-0777	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	79.94	9.33
33 41 13 00-0778	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	90.65	10.04
33 41 13 00-0779	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	116.04	12.91
33 41 13 00-0780	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	147.52	16.43
33 41 13 00-0781	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	171.52	19.41
33 41 13 00-0782	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	201.85	22.40
33 41 13 00-0783	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	224.46	25.38
33 41 13 00-0784		10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 41 13 00-0759)*		
33 41 13 00-0785	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	171.89	16.43
33 41 13 00-0786	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	199.95	19.41
33 41 13 00-0787	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	234.09	22.40
33 41 13 00-0788	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	260.91	25.38
33 41 13 00-0789	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	285.75	26.88
33 41 13 00-0790		3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 41 13 00-0676)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0791		14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 41 13 00-0790)*		
33 41 13 00-0792	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	226.58	25.38
33 41 13 00-0793	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	247.50	26.88
33 41 13 00-0794	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	309.09	32.85
33 41 13 00-0795	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	357.21	47.78
33 41 13 00-0796	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	385.03	52.26
33 41 13 00-0797	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	410.90	56.00
33 41 13 00-0798	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	436.67	59.72
33 41 13 00-0799	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	463.02	63.46
33 41 13 00-0800		12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 41 13 00-0790)*		
33 41 13 00-0801	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	306.27	26.88
33 41 13 00-0802	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	374.51	32.85
33 41 13 00-0803	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	428.41	47.78
33 41 13 00-0804	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	461.91	52.26
33 41 13 00-0805	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	493.48	56.00
33 41 13 00-0806	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	525.02	59.72
33 41 13 00-0807	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	557.02	63.46
33 41 13 00-0808	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	591.26	67.20
33 41 13 00-0809	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	627.12	74.66
33 41 13 00-0810	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	665.07	82.12
33 41 13 00-0811		10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 41 13 00-0790)*		
33 41 13 00-0812	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	493.01	47.78
33 41 13 00-0813	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	531.84	52.26
33 41 13 00-0814	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	568.76	56.00
33 41 13 00-0815	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	605.48	59.72
33 41 13 00-0816	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	642.80	63.46
33 41 13 00-0817	LF	117" x 79" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	682.33	67.20
33 41 13 00-0818	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	723.50	74.66
33 41 13 00-0819	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	766.30	82.12
33 41 13 00-0820	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	814.45	89.59
33 41 13 00-0821		125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 41 13 00-0676)*		
33 41 13 00-0822		12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 41 13 00-0821)*		
33 41 13 00-0823	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	422.60	47.78
33 41 13 00-0824	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	454.65	52.26
33 41 13 00-0825	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	484.41	56.00
33 41 13 00-0826	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	514.13	59.72
33 41 13 00-0827	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	544.57	63.46
33 41 13 00-0828	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	577.46	67.20
33 41 13 00-0829	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	611.92	74.66
33 41 13 00-0830	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	651.83	82.12
33 41 13 00-0831		10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 41 13 00-0821)*		
33 41 13 00-0832	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	491.50	47.78
33 41 13 00-0833	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	529.01	52.26
33 41 13 00-0834	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	564.36	56.00
33 41 13 00-0835	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	599.87	59.72
33 41 13 00-0836	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	635.00	63.46
33 41 13 00-0837	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	674.21	67.20
33 41 13 00-0838	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	714.40	74.66
33 41 13 00-0839	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	760.04	82.12
33 41 13 00-0840	LF	142" x 91" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	802.67	89.59
33 41 13 00-0841		Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-0332)*		
33 41 13 00-0842		2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-0841)*		
33 41 13 00-0843		16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-0842)*		
33 41 13 00-0844	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	25.78	7.54
		For 1/2 Asphalt Coated And 25% Paved, Add	*4.09*	
33 41 13 00-0845	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	28.96	7.89
		For 1/2 Asphalt Coated And 25% Paved, Add	*5.16*	
33 41 13 00-0846	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	32.26	8.60
		For 1/2 Asphalt Coated And 25% Paved, Add	*6.25*	
33 41 13 00-0847	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	36.61	9.33
		For 1/2 Asphalt Coated And 25% Paved, Add	*7.47*	
33 41 13 00-0848	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	40.50	10.04
		For 1/2 Asphalt Coated And 25% Paved, Add	*8.42*	
33 41 13 00-0849	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	53.50	12.91
		For 1/2 Asphalt Coated And 25% Paved, Add	*10.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0850	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	68.94	16.43
		For 1/2 Asphalt Coated And 25% Paved, Add	*13.77*	
33 41 13 00-0851	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	78.33	19.41
		For 1/2 Asphalt Coated And 25% Paved, Add	*16.29*	
33 41 13 00-0852	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	88.06	22.40
		For 1/2 Asphalt Coated And 25% Paved, Add	*18.25*	
33 41 13 00-0853		14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-0842)*		
33 41 13 00-0854	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	27.99	7.54
		For 1/2 Asphalt Coated And 25% Paved, Add	*3.89*	
33 41 13 00-0855	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	31.69	7.89
		For 1/2 Asphalt Coated And 25% Paved, Add	*4.88*	
33 41 13 00-0856	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	35.51	8.60
		For 1/2 Asphalt Coated And 25% Paved, Add	*5.90*	
33 41 13 00-0857	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	40.39	9.33
		For 1/2 Asphalt Coated And 25% Paved, Add	*7.02*	
33 41 13 00-0858	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	44.88	10.04
		For 1/2 Asphalt Coated And 25% Paved, Add	*7.94*	
33 41 13 00-0859	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	58.86	12.91
		For 1/2 Asphalt Coated And 25% Paved, Add	*10.20*	
33 41 13 00-0860	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	75.42	16.43
		For 1/2 Asphalt Coated And 25% Paved, Add	*12.78*	
33 41 13 00-0861	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	85.80	19.41
		For 1/2 Asphalt Coated And 25% Paved, Add	*15.05*	
33 41 13 00-0862	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	96.57	22.40
		For 1/2 Asphalt Coated And 25% Paved, Add	*16.91*	
33 41 13 00-0863	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	115.20	25.38
		For 1/2 Asphalt Coated And 25% Paved, Add	*20.79*	
33 41 13 00-0864		12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-0842)*		
33 41 13 00-0865	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	42.35	8.60
		For 1/2 Asphalt Coated And 25% Paved, Add	*5.50*	
33 41 13 00-0866	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	48.37	9.33
		For 1/2 Asphalt Coated And 25% Paved, Add	*6.50*	
33 41 13 00-0867	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	53.95	10.04
		For 1/2 Asphalt Coated And 25% Paved, Add	*7.37*	
33 41 13 00-0868	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	70.18	12.91
		For 1/2 Asphalt Coated And 25% Paved, Add	*9.40*	
33 41 13 00-0869	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	89.08	16.43
		For 1/2 Asphalt Coated And 25% Paved, Add	*11.66*	
33 41 13 00-0870	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	101.62	19.41
		For 1/2 Asphalt Coated And 25% Paved, Add	*13.68*	
33 41 13 00-0871	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	114.62	22.40
		For 1/2 Asphalt Coated And 25% Paved, Add	*15.42*	
33 41 13 00-0872	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	135.82	25.38
		For 1/2 Asphalt Coated And 25% Paved, Add	*18.63*	
33 41 13 00-0873	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	148.32	26.88
		For 1/2 Asphalt Coated And 25% Paved, Add	*20.36*	
33 41 13 00-0874	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	180.80	32.85
		For 1/2 Asphalt Coated And 25% Paved, Add	*25.04*	
33 41 13 00-0875		10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-0842)*		
33 41 13 00-0876	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	101.36	16.43
		For 1/2 Asphalt Coated And 25% Paved, Add	*12.77*	
33 41 13 00-0877	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	115.99	19.41
		For 1/2 Asphalt Coated And 25% Paved, Add	*14.97*	
33 41 13 00-0878	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	130.93	22.40
		For 1/2 Asphalt Coated And 25% Paved, Add	*16.91*	
33 41 13 00-0879	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	154.10	25.38
		For 1/2 Asphalt Coated And 25% Paved, Add	*20.14*	
33 41 13 00-0880	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	168.67	26.88
		For 1/2 Asphalt Coated And 25% Paved, Add	*22.09*	
33 41 13 00-0881	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	203.15	32.85
		For 1/2 Asphalt Coated And 25% Paved, Add	*26.66*	
33 41 13 00-0882	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	243.86	47.78
		For 1/2 Asphalt Coated And 25% Paved, Add	*28.58*	
33 41 13 00-0883		3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-0841)*		
33 41 13 00-0884		16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-0883)*		
33 41 13 00-0885	LF	36" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	78.59	16.43
		For 1/2 Asphalt Coated And 25% Paved, Add	*15.31*	
33 41 13 00-0886	LF	42" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	89.38	19.41
		For 1/2 Asphalt Coated And 25% Paved, Add	*17.98*	
33 41 13 00-0887	LF	48" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	100.49	22.40
		For 1/2 Asphalt Coated And 25% Paved, Add	*20.16*	
33 41 13 00-0888	LF	54" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	119.56	25.38
		For 1/2 Asphalt Coated And 25% Paved, Add	*24.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0889	LF	60" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	130.26	26.88
		For 1/2 Asphalt Coated And 25% Paved, Add	*26.83*	
33 41 13 00-0890	LF	66" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	162.79	32.85
		For 1/2 Asphalt Coated And 25% Paved, Add	*34.46*	
33 41 13 00-0891	LF	72" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	199.97	47.78
		For 1/2 Asphalt Coated And 25% Paved, Add	*36.73*	
33 41 13 00-0892	LF	78" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	215.98	52.26
		For 1/2 Asphalt Coated And 25% Paved, Add	*39.01*	
33 41 13 00-0893	LF	84" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	229.97	56.00
		For 1/2 Asphalt Coated And 25% Paved, Add	*41.29*	
33 41 13 00-0894	LF	90" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	243.97	59.72
		For 1/2 Asphalt Coated And 25% Paved, Add	*43.58*	
33 41 13 00-0895	LF	96" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	258.49	63.46
		For 1/2 Asphalt Coated And 25% Paved, Add	*45.86*	
33 41 13 00-0896	LF	102" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	275.11	67.20
		For 1/2 Asphalt Coated And 25% Paved, Add	*48.15*	

33 41 13 00-0897 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping

(33 41 13 00-0883)

33 41 13 00-0898	LF	54" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	130.65	25.38
		For 1/2 Asphalt Coated And 25% Paved, Add	*21.34*	
33 41 13 00-0899	LF	60" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	142.52	26.88
		For 1/2 Asphalt Coated And 25% Paved, Add	*23.30*	
33 41 13 00-0900	LF	66" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	176.28	32.85
		For 1/2 Asphalt Coated And 25% Paved, Add	*29.33*	
33 41 13 00-0901	LF	72" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	214.67	47.78
		For 1/2 Asphalt Coated And 25% Paved, Add	*31.35*	
33 41 13 00-0902	LF	78" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	231.87	52.26
		For 1/2 Asphalt Coated And 25% Paved, Add	*33.37*	
33 41 13 00-0903	LF	84" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	247.11	56.00
		For 1/2 Asphalt Coated And 25% Paved, Add	*35.40*	
33 41 13 00-0904	LF	90" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	262.28	59.72
		For 1/2 Asphalt Coated And 25% Paved, Add	*37.42*	
33 41 13 00-0905	LF	96" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	277.98	63.46
		For 1/2 Asphalt Coated And 25% Paved, Add	*39.43*	
33 41 13 00-0906	LF	102" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	295.79	67.20
		For 1/2 Asphalt Coated And 25% Paved, Add	*41.46*	
33 41 13 00-0907	LF	108" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	315.32	74.66
		For 1/2 Asphalt Coated And 25% Paved, Add	*43.49*	
33 41 13 00-0908	LF	114" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	334.41	82.12
		For 1/2 Asphalt Coated And 25% Paved, Add	*45.49*	

33 41 13 00-0909 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping

(33 41 13 00-0883)

33 41 13 00-0910	LF	60" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	169.77	26.88
		For 1/2 Asphalt Coated And 25% Paved, Add	*31.25*	
33 41 13 00-0911	LF	66" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	206.45	32.85
		For 1/2 Asphalt Coated And 25% Paved, Add	*38.23*	
33 41 13 00-0912	LF	72" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	247.47	47.78
		For 1/2 Asphalt Coated And 25% Paved, Add	*41.01*	
33 41 13 00-0913	LF	78" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	267.33	52.26
		For 1/2 Asphalt Coated And 25% Paved, Add	*43.80*	
33 41 13 00-0914	LF	84" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	285.20	56.00
		For 1/2 Asphalt Coated And 25% Paved, Add	*46.59*	
33 41 13 00-0915	LF	90" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	303.04	59.72
		For 1/2 Asphalt Coated And 25% Paved, Add	*49.38*	
33 41 13 00-0916	LF	96" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	321.39	63.46
		For 1/2 Asphalt Coated And 25% Paved, Add	*52.16*	
33 41 13 00-0917	LF	102" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	341.85	67.20
		For 1/2 Asphalt Coated And 25% Paved, Add	*54.96*	
33 41 13 00-0918	LF	108" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	364.00	74.66
		For 1/2 Asphalt Coated And 25% Paved, Add	*57.75*	
33 41 13 00-0919	LF	114" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	385.76	82.12
		For 1/2 Asphalt Coated And 25% Paved, Add	*60.51*	
33 41 13 00-0920	LF	120" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	406.70	89.59
		For 1/2 Asphalt Coated And 25% Paved, Add	*63.31*	

33 41 13 00-0921 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping

(33 41 13 00-0883)

33 41 13 00-0922	LF	72" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	278.05	47.78
		For 1/2 Asphalt Coated And 25% Paved, Add	*50.33*	
33 41 13 00-0923	LF	78" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	300.38	52.26
		For 1/2 Asphalt Coated And 25% Paved, Add	*53.86*	
33 41 13 00-0924	LF	84" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	320.77	56.00
		For 1/2 Asphalt Coated And 25% Paved, Add	*57.41*	
33 41 13 00-0925	LF	90" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	341.08	59.72
		For 1/2 Asphalt Coated And 25% Paved, Add	*60.95*	
33 41 13 00-0926	LF	96" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	361.98	63.46
		For 1/2 Asphalt Coated And 25% Paved, Add	*64.49*	
33 41 13 00-0927	LF	102" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	384.97	67.20
		For 1/2 Asphalt Coated And 25% Paved, Add	*68.05*	
33 41 13 00-0928	LF	108" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	409.60	74.66
		For 1/2 Asphalt Coated And 25% Paved, Add	*71.58*	
33 41 13 00-0929	LF	114" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	433.86	82.12
		For 1/2 Asphalt Coated And 25% Paved, Add	*75.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0930	LF	120" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	457.33	89.59
		For 1/2 Asphalt Coated And 25% Paved, Add	*78.65*	
33 41 13 00-0931	LF	126" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	482.18	97.05
		For 1/2 Asphalt Coated And 25% Paved, Add	*82.17*	
33 41 13 00-0932	LF	132" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	508.93	104.52
		For 1/2 Asphalt Coated And 25% Paved, Add	*85.72*	
33 41 13 00-0933	LF	138" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	537.95	111.99
		For 1/2 Asphalt Coated And 25% Paved, Add	*89.28*	

33 41 13 00-0934 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping
(33 41 13 00-0841)

33 41 13 00-0935 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-0934)*

33 41 13 00-0936	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	100.84	22.40
		For 1/2 Asphalt Coated And 25% Paved, Add	*24.98*	
33 41 13 00-0937	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	120.20	25.38
		For 1/2 Asphalt Coated And 25% Paved, Add	*30.61*	
33 41 13 00-0938	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	130.82	26.88
		For 1/2 Asphalt Coated And 25% Paved, Add	*33.28*	
33 41 13 00-0939	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	161.54	32.85
		For 1/2 Asphalt Coated And 25% Paved, Add	*41.90*	
33 41 13 00-0940	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	198.58	47.78
		For 1/2 Asphalt Coated And 25% Paved, Add	*44.63*	
33 41 13 00-0941	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	214.42	52.26
		For 1/2 Asphalt Coated And 25% Paved, Add	*47.37*	
33 41 13 00-0942	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	228.18	56.00
		For 1/2 Asphalt Coated And 25% Paved, Add	*50.08*	
33 41 13 00-0943	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	241.91	59.72
		For 1/2 Asphalt Coated And 25% Paved, Add	*52.78*	
33 41 13 00-0944	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	256.30	63.46
		For 1/2 Asphalt Coated And 25% Paved, Add	*55.53*	
33 41 13 00-0945	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	272.88	67.20
		For 1/2 Asphalt Coated And 25% Paved, Add	*58.34*	

33 41 13 00-0946 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-0934)*

33 41 13 00-0947	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	134.07	25.38
		For 1/2 Asphalt Coated And 25% Paved, Add	*28.86*	
33 41 13 00-0948	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	146.27	26.88
		For 1/2 Asphalt Coated And 25% Paved, Add	*31.51*	
33 41 13 00-0949	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	178.36	32.85
		For 1/2 Asphalt Coated And 25% Paved, Add	*38.77*	
33 41 13 00-0950	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	216.78	47.78
		For 1/2 Asphalt Coated And 25% Paved, Add	*41.40*	
33 41 13 00-0951	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	234.24	52.26
		For 1/2 Asphalt Coated And 25% Paved, Add	*44.10*	
33 41 13 00-0952	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	249.55	56.00
		For 1/2 Asphalt Coated And 25% Paved, Add	*46.77*	
33 41 13 00-0953	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	264.07	59.72
		For 1/2 Asphalt Coated And 25% Paved, Add	*49.17*	
33 41 13 00-0954	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	280.67	63.46
		For 1/2 Asphalt Coated And 25% Paved, Add	*52.09*	
33 41 13 00-0955	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	298.57	67.20
		For 1/2 Asphalt Coated And 25% Paved, Add	*54.75*	
33 41 13 00-0956	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	318.11	74.66
		For 1/2 Asphalt Coated And 25% Paved, Add	*57.39*	
33 41 13 00-0957	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	337.54	82.12
		For 1/2 Asphalt Coated And 25% Paved, Add	*60.09*	

33 41 13 00-0958 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-0934)*

33 41 13 00-0959	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	175.15	26.88
		For 1/2 Asphalt Coated And 25% Paved, Add	*34.76*	
33 41 13 00-0960	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	210.20	32.85
		For 1/2 Asphalt Coated And 25% Paved, Add	*41.72*	
33 41 13 00-0961	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	251.64	47.78
		For 1/2 Asphalt Coated And 25% Paved, Add	*44.79*	
33 41 13 00-0962	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	271.77	52.26
		For 1/2 Asphalt Coated And 25% Paved, Add	*47.83*	
33 41 13 00-0963	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	289.81	56.00
		For 1/2 Asphalt Coated And 25% Paved, Add	*50.86*	
33 41 13 00-0964	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	308.00	59.72
		For 1/2 Asphalt Coated And 25% Paved, Add	*53.92*	
33 41 13 00-0965	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	326.62	63.46
		For 1/2 Asphalt Coated And 25% Paved, Add	*56.96*	
33 41 13 00-0966	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	347.29	67.20
		For 1/2 Asphalt Coated And 25% Paved, Add	*59.99*	
33 41 13 00-0967	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	369.78	74.66
		For 1/2 Asphalt Coated And 25% Paved, Add	*63.05*	
33 41 13 00-0968	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	391.89	82.12
		For 1/2 Asphalt Coated And 25% Paved, Add	*66.09*	
33 41 13 00-0969	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	413.06	89.59
		For 1/2 Asphalt Coated And 25% Paved, Add	*69.13*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0970		10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-0934)*		
33 41 13 00-0971	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	285.02	47.78
		For 1/2 Asphalt Coated And 25% Paved, Add	*54.34*	
33 41 13 00-0972	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	308.26	52.26
		For 1/2 Asphalt Coated And 25% Paved, Add	*58.27*	
33 41 13 00-0973	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	329.19	56.00
		For 1/2 Asphalt Coated And 25% Paved, Add	*62.12*	
33 41 13 00-0974	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	350.01	59.72
		For 1/2 Asphalt Coated And 25% Paved, Add	*65.94*	
33 41 13 00-0975	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	371.47	63.46
		For 1/2 Asphalt Coated And 25% Paved, Add	*69.78*	
33 41 13 00-0976	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	394.91	67.20
		For 1/2 Asphalt Coated And 25% Paved, Add	*73.61*	
33 41 13 00-0977	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	420.15	74.66
		For 1/2 Asphalt Coated And 25% Paved, Add	*77.46*	
33 41 13 00-0978	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	445.06	82.12
		For 1/2 Asphalt Coated And 25% Paved, Add	*81.30*	
33 41 13 00-0979	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	468.96	89.59
		For 1/2 Asphalt Coated And 25% Paved, Add	*85.12*	
33 41 13 00-0980	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	498.65	97.05
		For 1/2 Asphalt Coated And 25% Paved, Add	*90.17*	
33 41 13 00-0981	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	527.03	104.52
		For 1/2 Asphalt Coated And 25% Paved, Add	*94.33*	
33 41 13 00-0982	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	558.21	111.99
		For 1/2 Asphalt Coated And 25% Paved, Add	*98.64*	
33 41 13 00-0983		Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-0841)*		
33 41 13 00-0984		16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-0983)*		
33 41 13 00-0985	LF	18" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	35.99	8.60
33 41 13 00-0986	LF	21" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	40.93	9.33
33 41 13 00-0987	LF	24" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	45.61	10.04
33 41 13 00-0988	LF	30" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	59.73	12.91
33 41 13 00-0989	LF	36" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	76.26	16.43
33 41 13 00-0990	LF	42" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	86.78	19.41
33 41 13 00-0991	LF	48" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	97.88	22.40
33 41 13 00-0992	LF	54" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	115.78	25.38
33 41 13 00-0993	LF	60" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	126.47	26.88
33 41 13 00-0994		14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-0983)*		
33 41 13 00-0995	LF	18" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	39.20	8.60
33 41 13 00-0996	LF	21" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	44.68	9.33
33 41 13 00-0997	LF	24" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	49.86	10.04
33 41 13 00-0998	LF	30" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	65.05	12.91
33 41 13 00-0999	LF	36" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	82.66	16.43
33 41 13 00-1000	LF	42" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	94.26	19.41
33 41 13 00-1001	LF	48" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	106.43	22.40
33 41 13 00-1002	LF	54" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	125.39	25.38
33 41 13 00-1003	LF	60" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	137.18	26.88
33 41 13 00-1004	LF	66" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	166.63	32.85
33 41 13 00-1005	LF	72" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	204.60	47.78
33 41 13 00-1006	LF	78" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	221.48	52.26
33 41 13 00-1007		12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-0983)*		
33 41 13 00-1008	LF	30" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	75.83	12.91
33 41 13 00-1009	LF	36" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	95.56	16.43
33 41 13 00-1010	LF	42" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	109.38	19.41
33 41 13 00-1011	LF	48" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	123.67	22.40
33 41 13 00-1012	LF	54" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	144.78	25.38
33 41 13 00-1013	LF	60" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	158.76	26.88
33 41 13 00-1014	LF	66" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	190.31	32.85
33 41 13 00-1015	LF	72" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	230.41	47.78
33 41 13 00-1016	LF	78" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	249.44	52.26
33 41 13 00-1017	LF	84" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	266.38	56.00
33 41 13 00-1018	LF	90" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	283.33	59.72
33 41 13 00-1019	LF	96" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	300.77	63.46
33 41 13 00-1020	LF	102" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	319.25	67.20
33 41 13 00-1021		Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 41 13 00-0332)*		
33 41 13 00-1022		2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 41 13 00-1021)*		
33 41 13 00-1023		16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 41 13 00-1022)*		
33 41 13 00-1024	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	29.71	7.89
		For 1/2 Asphalt Coated And 40% Paved, Add	*6.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1025	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	32.93	8.60
		For 1/2 Asphalt Coated And 40% Paved, Add	*7.96*	
33 41 13 00-1026	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	37.53	9.33
		For 1/2 Asphalt Coated And 40% Paved, Add	*9.57*	
33 41 13 00-1027	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	42.04	10.04
		For 1/2 Asphalt Coated And 40% Paved, Add	*11.03*	
33 41 13 00-1028	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	54.90	12.91
		For 1/2 Asphalt Coated And 40% Paved, Add	*14.01*	
33 41 13 00-1029	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	71.50	16.43
		For 1/2 Asphalt Coated And 40% Paved, Add	*18.07*	
33 41 13 00-1030		14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 41 13 00-1022)*		
33 41 13 00-1031	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	32.44	7.89
		For 1/2 Asphalt Coated And 40% Paved, Add	*6.90*	
33 41 13 00-1032	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	36.24	8.60
		For 1/2 Asphalt Coated And 40% Paved, Add	*8.27*	
33 41 13 00-1033	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	41.26	9.33
		For 1/2 Asphalt Coated And 40% Paved, Add	*9.83*	
33 41 13 00-1034	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	46.36	10.04
		For 1/2 Asphalt Coated And 40% Paved, Add	*11.34*	
33 41 13 00-1035	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	60.28	12.91
		For 1/2 Asphalt Coated And 40% Paved, Add	*14.37*	
33 41 13 00-1036	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	77.90	16.43
		For 1/2 Asphalt Coated And 40% Paved, Add	*18.30*	
33 41 13 00-1037	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	89.30	19.41
		For 1/2 Asphalt Coated And 40% Paved, Add	*21.80*	
33 41 13 00-1038		12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 41 13 00-1022)*		
33 41 13 00-1039	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	43.00	8.60
		For 1/2 Asphalt Coated And 40% Paved, Add	*7.57*	
33 41 13 00-1040	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	49.27	9.33
		For 1/2 Asphalt Coated And 40% Paved, Add	*9.00*	
33 41 13 00-1041	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	55.43	10.04
		For 1/2 Asphalt Coated And 40% Paved, Add	*10.33*	
33 41 13 00-1042	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	71.60	12.91
		For 1/2 Asphalt Coated And 40% Paved, Add	*13.04*	
33 41 13 00-1043	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	91.58	16.43
		For 1/2 Asphalt Coated And 40% Paved, Add	*16.39*	
33 41 13 00-1044	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	105.25	19.41
		For 1/2 Asphalt Coated And 40% Paved, Add	*19.43*	
33 41 13 00-1045	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	122.94	22.40
		For 1/2 Asphalt Coated And 40% Paved, Add	*23.14*	
33 41 13 00-1046	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	137.44	25.38
		For 1/2 Asphalt Coated And 40% Paved, Add	*25.50*	
33 41 13 00-1047		10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 41 13 00-1022)*		
33 41 13 00-1048	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	103.86	16.43
		For 1/2 Asphalt Coated And 40% Paved, Add	*17.25*	
33 41 13 00-1049	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	119.57	19.41
		For 1/2 Asphalt Coated And 40% Paved, Add	*20.39*	
33 41 13 00-1050	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	139.18	22.40
		For 1/2 Asphalt Coated And 40% Paved, Add	*24.08*	
33 41 13 00-1051	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	155.81	25.38
		For 1/2 Asphalt Coated And 40% Paved, Add	*26.66*	
33 41 13 00-1052	LF	71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	170.52	26.88
		For 1/2 Asphalt Coated And 40% Paved, Add	*29.23*	
33 41 13 00-1053		3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 41 13 00-1021)*		
33 41 13 00-1054		14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 41 13 00-1053)*		
33 41 13 00-1055	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	132.84	25.38
		For 1/2 Asphalt Coated And 40% Paved, Add	*38.31*	
33 41 13 00-1056	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	145.13	26.88
		For 1/2 Asphalt Coated And 40% Paved, Add	*41.92*	
33 41 13 00-1057	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	179.28	32.85
		For 1/2 Asphalt Coated And 40% Paved, Add	*52.65*	
33 41 13 00-1058	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	218.26	47.78
		For 1/2 Asphalt Coated And 40% Paved, Add	*56.44*	
33 41 13 00-1059	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	236.47	52.26
		For 1/2 Asphalt Coated And 40% Paved, Add	*60.43*	
33 41 13 00-1060	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	252.68	56.00
		For 1/2 Asphalt Coated And 40% Paved, Add	*64.44*	
33 41 13 00-1061	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	268.84	59.72
		For 1/2 Asphalt Coated And 40% Paved, Add	*68.42*	
33 41 13 00-1062	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	285.57	63.46
		For 1/2 Asphalt Coated And 40% Paved, Add	*72.41*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1063		12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 41 13 00-1053)*		
33 41 13 00-1064	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	172.40	26.88
		For 1/2 Asphalt Coated And 40% Paved, Add	*47.64*	
33 41 13 00-1065	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	209.51	32.85
		For 1/2 Asphalt Coated And 40% Paved, Add	*58.22*	
33 41 13 00-1066	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	251.18	47.78
		For 1/2 Asphalt Coated And 40% Paved, Add	*62.62*	
33 41 13 00-1067	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	272.02	52.26
		For 1/2 Asphalt Coated And 40% Paved, Add	*67.17*	
33 41 13 00-1068	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	290.92	56.00
		For 1/2 Asphalt Coated And 40% Paved, Add	*71.75*	
33 41 13 00-1069	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	309.77	59.72
		For 1/2 Asphalt Coated And 40% Paved, Add	*76.31*	
33 41 13 00-1070	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	329.12	63.46
		For 1/2 Asphalt Coated And 40% Paved, Add	*80.86*	
33 41 13 00-1071	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	350.63	67.20
		For 1/2 Asphalt Coated And 40% Paved, Add	*85.45*	
33 41 13 00-1072	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	373.80	74.66
		For 1/2 Asphalt Coated And 40% Paved, Add	*90.02*	
33 41 13 00-1073	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	397.81	82.12
		For 1/2 Asphalt Coated And 40% Paved, Add	*95.04*	
33 41 13 00-1074		10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 41 13 00-1053)*		
33 41 13 00-1075	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	281.74	47.78
		For 1/2 Asphalt Coated And 40% Paved, Add	*67.78*	
33 41 13 00-1076	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	305.13	52.26
		For 1/2 Asphalt Coated And 40% Paved, Add	*72.82*	
33 41 13 00-1077	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	326.53	56.00
		For 1/2 Asphalt Coated And 40% Paved, Add	*77.88*	
33 41 13 00-1078	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	347.84	59.72
		For 1/2 Asphalt Coated And 40% Paved, Add	*82.90*	
33 41 13 00-1079	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	371.40	63.46
		For 1/2 Asphalt Coated And 40% Paved, Add	*88.55*	
33 41 13 00-1080	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	393.72	67.20
		For 1/2 Asphalt Coated And 40% Paved, Add	*93.00*	
33 41 13 00-1081	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	419.42	74.66
		For 1/2 Asphalt Coated And 40% Paved, Add	*98.05*	
33 41 13 00-1082	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	445.70	82.12
		For 1/2 Asphalt Coated And 40% Paved, Add	*103.42*	
33 41 13 00-1083	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	474.05	89.59
		For 1/2 Asphalt Coated And 40% Paved, Add	*109.88*	
33 41 13 00-1084		125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 41 13 00-1021)*		
33 41 13 00-1085		12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 41 13 00-1084)*		
33 41 13 00-1086	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	254.26	47.78
		For 1/2 Asphalt Coated And 40% Paved, Add	*61.63*	
33 41 13 00-1087	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	274.84	52.26
		For 1/2 Asphalt Coated And 40% Paved, Add	*65.91*	
33 41 13 00-1088	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	293.27	56.00
		For 1/2 Asphalt Coated And 40% Paved, Add	*70.16*	
33 41 13 00-1089	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	311.69	59.72
		For 1/2 Asphalt Coated And 40% Paved, Add	*74.39*	
33 41 13 00-1090	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	330.71	63.46
		For 1/2 Asphalt Coated And 40% Paved, Add	*78.65*	
33 41 13 00-1091	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	351.98	67.20
		For 1/2 Asphalt Coated And 40% Paved, Add	*82.99*	
33 41 13 00-1092	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	374.93	74.66
		For 1/2 Asphalt Coated And 40% Paved, Add	*87.31*	
33 41 13 00-1093	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	400.38	82.12
		For 1/2 Asphalt Coated And 40% Paved, Add	*92.72*	
33 41 13 00-1094		10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 41 13 00-1084)*		
33 41 13 00-1095	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	288.12	47.78
		For 1/2 Asphalt Coated And 40% Paved, Add	*68.36*	
33 41 13 00-1096	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	311.40	52.26
		For 1/2 Asphalt Coated And 40% Paved, Add	*73.24*	
33 41 13 00-1097	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	332.57	56.00
		For 1/2 Asphalt Coated And 40% Paved, Add	*78.09*	
33 41 13 00-1098	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	353.82	59.72
		For 1/2 Asphalt Coated And 40% Paved, Add	*82.96*	
33 41 13 00-1099	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	375.16	63.46
		For 1/2 Asphalt Coated And 40% Paved, Add	*87.68*	
33 41 13 00-1100	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	399.54	67.20
		For 1/2 Asphalt Coated And 40% Paved, Add	*92.75*	
33 41 13 00-1101	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	425.30	74.66
		For 1/2 Asphalt Coated And 40% Paved, Add	*97.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1102	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	453.52	82.12
		For 1/2 Asphalt Coated And 40% Paved, Add	*103.62*	
33 41 13 00-1103	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	479.88	89.59
		For 1/2 Asphalt Coated And 40% Paved, Add	*109.22*	
33 41 13 00-1104		Spiral Lockseam Corrugated Aluminum Piping *(33 41 13 00-0332)*		
33 41 13 00-1105		1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 41 13 00-1104)*		
33 41 13 00-1106		18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 41 13 00-1105)*		
33 41 13 00-1107	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	15.20	4.30
		For Asphalt Coated Pipe, Add	*1.27*	
33 41 13 00-1108	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	19.39	5.38
		For Asphalt Coated Pipe, Add	*1.72*	
33 41 13 00-1109	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	25.04	6.46
		For Asphalt Coated Pipe, Add	*2.27*	
33 41 13 00-1110		16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 41 13 00-1105)*		
33 41 13 00-1111	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	16.65	4.30
		For Asphalt Coated Pipe, Add	*1.26*	
33 41 13 00-1112	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	21.44	5.38
		For Asphalt Coated Pipe, Add	*1.72*	
33 41 13 00-1113	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	27.78	6.46
		For Asphalt Coated Pipe, Add	*2.27*	
33 41 13 00-1114		2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 41 13 00-1104)*		
33 41 13 00-1115		16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 41 13 00-1114)*		
33 41 13 00-1116	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	29.12	7.54
		For Asphalt Coated Pipe, Add	*2.49*	
33 41 13 00-1117	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	33.11	7.89
		For Asphalt Coated Pipe, Add	*3.13*	
33 41 13 00-1118	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	37.34	8.60
		For Asphalt Coated Pipe, Add	*3.80*	
33 41 13 00-1119	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	42.64	9.33
		For Asphalt Coated Pipe, Add	*4.54*	
33 41 13 00-1120	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	47.48	10.04
		For Asphalt Coated Pipe, Add	*5.14*	
33 41 13 00-1121		14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 41 13 00-1114)*		
33 41 13 00-1122	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	32.24	7.54
		For Asphalt Coated Pipe, Add	*2.44*	
33 41 13 00-1123	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	37.08	7.89
		For Asphalt Coated Pipe, Add	*3.07*	
33 41 13 00-1124	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	42.09	8.60
		For Asphalt Coated Pipe, Add	*3.72*	
33 41 13 00-1125	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	48.16	9.33
		For Asphalt Coated Pipe, Add	*4.42*	
33 41 13 00-1126	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	53.81	10.04
		For Asphalt Coated Pipe, Add	*5.02*	
33 41 13 00-1127	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	70.24	12.91
		For Asphalt Coated Pipe, Add	*6.43*	
33 41 13 00-1128	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	89.26	16.43
		For Asphalt Coated Pipe, Add	*8.00*	
33 41 13 00-1129		12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 41 13 00-1114)*		
33 41 13 00-1130	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	65.91	10.04
		For Asphalt Coated Pipe, Add	*4.76*	
33 41 13 00-1131	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	85.31	12.91
		For Asphalt Coated Pipe, Add	*6.06*	
33 41 13 00-1132	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	107.35	16.43
		For Asphalt Coated Pipe, Add	*7.47*	
33 41 13 00-1133	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	123.28	19.41
		For Asphalt Coated Pipe, Add	*8.78*	
33 41 13 00-1134	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	139.40	22.40
		For Asphalt Coated Pipe, Add	*9.94*	
33 41 13 00-1135	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	163.70	25.38
		For Asphalt Coated Pipe, Add	*11.79*	
33 41 13 00-1136		10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 41 13 00-1114)*		
33 41 13 00-1137	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	126.64	16.43
		For Asphalt Coated Pipe, Add	*7.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1138	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	145.75	19.41
		For Asphalt Coated Pipe, Add	*8.62*	
33 41 13 00-1139	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	165.16	22.40
		For Asphalt Coated Pipe, Add	*9.78*	
33 41 13 00-1140	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	192.67	25.38
		For Asphalt Coated Pipe, Add	*11.48*	
33 41 13 00-1141	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	211.71	26.88
		For Asphalt Coated Pipe, Add	*12.65*	

33 41 13 00-1142 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 41 13 00-1104)*

33 41 13 00-1143 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 41 13 00-1142)*

33 41 13 00-1144	LF	30" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	69.25	12.91
33 41 13 00-1145	LF	36" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	88.03	16.43
33 41 13 00-1146	LF	42" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	100.33	19.41
33 41 13 00-1147	LF	48" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	113.58	22.40
33 41 13 00-1148	LF	54" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	133.79	25.38

33 41 13 00-1149 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 41 13 00-1142)*

33 41 13 00-1150	LF	30" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	77.19	12.91
33 41 13 00-1151	LF	36" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	99.35	16.43
33 41 13 00-1152	LF	42" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	113.48	19.41
33 41 13 00-1153	LF	48" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	127.93	22.40
33 41 13 00-1154	LF	54" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	150.59	25.38
33 41 13 00-1155	LF	60" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	164.61	26.88
33 41 13 00-1156	LF	66" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	200.02	32.85
33 41 13 00-1157	LF	72" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	240.43	47.78
33 41 13 00-1158	LF	78" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	259.67	52.26

33 41 13 00-1159 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 41 13 00-1142)*

33 41 13 00-1160	LF	30" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	95.72	12.91
33 41 13 00-1161	LF	36" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	120.19	16.43
33 41 13 00-1162	LF	42" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	138.38	19.41
33 41 13 00-1163	LF	48" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	156.49	22.40
33 41 13 00-1164	LF	54" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	182.65	25.38
33 41 13 00-1165	LF	60" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	200.11	26.88
33 41 13 00-1166	LF	66" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	238.96	32.85
33 41 13 00-1167	LF	72" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	282.90	47.78
33 41 13 00-1168	LF	78" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	305.61	52.26
33 41 13 00-1169	LF	84" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	326.34	56.00
33 41 13 00-1170	LF	90" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	347.02	59.72
33 41 13 00-1171	LF	96" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	368.24	63.46

33 41 13 00-1172 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 41 13 00-1142)*

33 41 13 00-1173	LF	60" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	237.45	26.88
33 41 13 00-1174	LF	66" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	278.46	32.85
33 41 13 00-1175	LF	72" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	325.94	47.78
33 41 13 00-1176	LF	78" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	352.20	52.26
33 41 13 00-1177	LF	84" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	376.42	56.00
33 41 13 00-1178	LF	90" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	400.64	59.72
33 41 13 00-1179	LF	96" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	425.38	63.46
33 41 13 00-1180	LF	102" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	452.25	67.20
33 41 13 00-1181	LF	108" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	480.80	74.66

33 41 13 00-1182 Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-1104)*

Note: Contech ULTRA FLO. HS 20 and HS 25 vehicular loading.

33 41 13 00-1183 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-1182)*

33 41 13 00-1184	LF	18" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	48.02	8.60
33 41 13 00-1185	LF	21" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	51.67	9.33
33 41 13 00-1186	LF	24" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	61.68	10.04
33 41 13 00-1187	LF	27" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	71.21	11.47
33 41 13 00-1188	LF	30" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	80.12	12.91
33 41 13 00-1189	LF	33" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	88.86	14.35

33 41 13 00-1190 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-1182)*

33 41 13 00-1191	LF	18" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	54.74	8.60
33 41 13 00-1192	LF	21" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	62.92	9.33
33 41 13 00-1193	LF	24" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	70.71	10.04
33 41 13 00-1194	LF	27" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	81.34	11.47
33 41 13 00-1195	LF	30" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	91.36	12.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1196	LF	33" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	101.24	14.35
33 41 13 00-1197	LF	36" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	114.76	16.43
33 41 13 00-1198	LF	42" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	131.91	19.41
33 41 13 00-1199	LF	48" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	149.23	22.40
33 41 13 00-1200		12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-1182)*		
33 41 13 00-1201	LF	30" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	113.34	12.91
33 41 13 00-1202	LF	33" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	125.36	14.35
33 41 13 00-1203	LF	36" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	141.12	16.43
33 41 13 00-1204	LF	42" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	162.69	19.41
33 41 13 00-1205	LF	48" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	184.40	22.40
33 41 13 00-1206	LF	54" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	252.51	25.38
33 41 13 00-1207	LF	60" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	277.77	26.88
33 41 13 00-1208		10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 41 13 00-1182)*		
33 41 13 00-1209	LF	48" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	256.06	22.40
33 41 13 00-1210	LF	54" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	296.69	25.38
33 41 13 00-1211	LF	60" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	326.91	26.88
33 41 13 00-1212	LF	66" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	380.33	32.85
33 41 13 00-1213	LF	72" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	436.28	47.78
33 41 13 00-1214	LF	78" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	471.40	52.26
33 41 13 00-1215	LF	84" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	504.22	56.00
33 41 13 00-1216		Spiral Lockseam Aluminum Pipe-Arch *(33 41 13 00-0332)*		
33 41 13 00-1217		2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 41 13 00-1216)*		
33 41 13 00-1218		16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 41 13 00-1217)*		
33 41 13 00-1219	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	34.52	7.89
		For Asphalt Coated Pipe, Add	*3.13*	
33 41 13 00-1220	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	38.68	8.60
		For Asphalt Coated Pipe, Add	*3.74*	
33 41 13 00-1221	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	44.17	9.33
		For Asphalt Coated Pipe, Add	*4.45*	
33 41 13 00-1222		14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 41 13 00-1217)*		
33 41 13 00-1223	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	38.50	7.89
		For Asphalt Coated Pipe, Add	*3.12*	
33 41 13 00-1224	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	42.50	8.60
		For Asphalt Coated Pipe, Add	*3.60*	
33 41 13 00-1225	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	49.69	9.33
		For Asphalt Coated Pipe, Add	*4.42*	
33 41 13 00-1226	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	55.88	10.04
		For Asphalt Coated Pipe, Add	*5.07*	
33 41 13 00-1227	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	72.30	12.91
		For Asphalt Coated Pipe, Add	*6.41*	
33 41 13 00-1228		12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 41 13 00-1217)*		
33 41 13 00-1229	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	68.00	10.04
		For Asphalt Coated Pipe, Add	*4.83*	
33 41 13 00-1230	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	87.41	12.91
		For Asphalt Coated Pipe, Add	*6.09*	
33 41 13 00-1231	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	110.91	16.43
		For Asphalt Coated Pipe, Add	*7.61*	
33 41 13 00-1232	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	127.97	19.41
		For Asphalt Coated Pipe, Add	*9.00*	
33 41 13 00-1233		10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 41 13 00-1217)*		
33 41 13 00-1234	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	130.17	16.43
		For Asphalt Coated Pipe, Add	*7.34*	
33 41 13 00-1235	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	150.47	19.41
		For Asphalt Coated Pipe, Add	*8.66*	
33 41 13 00-1236	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	174.63	22.40
		For Asphalt Coated Pipe, Add	*10.14*	
33 41 13 00-1237	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	195.78	25.38
		For Asphalt Coated Pipe, Add	*11.29*	
33 41 13 00-1238		3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 41 13 00-1216)*		
33 41 13 00-1239		14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 41 13 00-1238)*		
33 41 13 00-1240	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	153.71	25.38
33 41 13 00-1241	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	168.23	26.88
33 41 13 00-1242	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	204.50	32.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1243		**12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 41 13 00-1238)*		
33 41 13 00-1244	LF	60" x 46" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	185.76	25.38
33 41 13 00-1245	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	203.73	26.88
33 41 13 00-1246	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	243.27	32.85
33 41 13 00-1247	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	287.54	47.78
33 41 13 00-1248	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	310.58	52.26
33 41 13 00-1249	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	331.64	56.00
33 41 13 00-1250		**10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 41 13 00-1238)*		
33 41 13 00-1251	LF	66" x 51" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	241.02	26.88
33 41 13 00-1252	LF	73" x 55" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	282.61	32.85
33 41 13 00-1253	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	330.42	47.78
33 41 13 00-1254	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	357.00	52.26
33 41 13 00-1255	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	381.56	56.00
33 41 13 00-1256	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	406.09	59.72
33 41 13 00-1257		**Corrugated Steel Pipe Fittings** *(33 41 13 00-0332)* Note: Equivalent pipe-arch sizes are approximate.		
33 41 13 00-1258		**Fabricate 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fittings** *(33 41 13 00-1257)* Note: Excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.		
33 41 13 00-1259	EA	Fabricate 6" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	63.43	
33 41 13 00-1260	EA	Fabricate 8" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	79.54	
33 41 13 00-1261	EA	Fabricate 10" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	95.65	
33 41 13 00-1262	EA	Fabricate 12" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	112.78	
33 41 13 00-1263	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	136.92	
33 41 13 00-1264	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	161.08	
33 41 13 00-1265	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	185.25	
33 41 13 00-1266	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	209.40	
33 41 13 00-1267	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	272.83	
33 41 13 00-1268	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	325.18	
33 41 13 00-1269	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	377.54	
33 41 13 00-1270	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	488.28	
33 41 13 00-1271	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	550.72	
33 41 13 00-1272	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	615.14	
33 41 13 00-1273	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	681.59	
33 41 13 00-1274	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	830.59	
33 41 13 00-1275	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	906.10	
33 41 13 00-1276	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	983.62	
33 41 13 00-1277	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,207.12	
33 41 13 00-1278	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,295.73	
33 41 13 00-1279	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,385.33	
33 41 13 00-1280	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	1,474.92	
33 41 13 00-1281	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	1,563.52	
33 41 13 00-1282	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	1,653.13	
33 41 13 00-1283	EA	Fabricate 126" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	1,747.60	
33 41 13 00-1284	EA	Fabricate 132" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	1,847.47	
33 41 13 00-1285	EA	Fabricate 138" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	1,953.03	
33 41 13 00-1286		**Fabricate Corrugated Steel Pipe Tees Or Laterals** *(33 41 13 00-1257)* Note: Fabrication charge excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.		
33 41 13 00-1287	EA	Fabricate 6" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	82.56	
33 41 13 00-1288	EA	Fabricate 8" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	105.71	
33 41 13 00-1289	EA	Fabricate 10" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	128.86	
33 41 13 00-1290	EA	Fabricate 12" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	152.02	
33 41 13 00-1291	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	185.25	
33 41 13 00-1292	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	219.47	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1293	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	253.72	
33 41 13 00-1294	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	287.92	
33 41 13 00-1295	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	377.54	
33 41 13 00-1296	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)	450.03	
33 41 13 00-1297	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)	523.52	
33 41 13 00-1298	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)	679.56	
33 41 13 00-1299	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	765.14	
33 41 13 00-1300	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	853.74	
33 41 13 00-1301	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	944.35	
33 41 13 00-1302	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	1,151.74	
33 41 13 00-1303	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	1,254.45	
33 41 13 00-1304	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	1,359.15	
33 41 13 00-1305	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe)	1,672.23	
33 41 13 00-1306	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe)	1,792.05	
33 41 13 00-1307	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe)	1,911.86	
33 41 13 00-1308	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe)	2,032.66	
33 41 13 00-1309	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe)	2,153.48	
33 41 13 00-1310	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe)	2,273.27	
33 41 13 00-1311	EA	Fabricate 126" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 23' Of Appropriate Pipe)	2,399.74	
33 41 13 00-1312	EA	Fabricate 132" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe)	2,533.24	
33 41 13 00-1313	EA	Fabricate 138" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe)	2,674.16	

33 41 13 00-1314 Fabricate Skew Or Bevel Ends, Corrugated Steel Pipe Fitting *(33 41 13 00-1257)*

Note: Applied to pipe tasks.

33 41 13 00-1315	EA	Fabricate 6" Skew Or Bevel End, Corrugated Steel Pipe Fitting	31.64	
33 41 13 00-1316	EA	Fabricate 8" Skew Or Bevel End, Corrugated Steel Pipe Fitting	39.80	
33 41 13 00-1317	EA	Fabricate 10" Skew Or Bevel End, Corrugated Steel Pipe Fitting	50.06	
33 41 13 00-1318	EA	Fabricate 12" Skew Or Bevel End, Corrugated Steel Pipe Fitting	61.29	
33 41 13 00-1319	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	77.56	
33 41 13 00-1320	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	94.98	
33 41 13 00-1321	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	111.25	
33 41 13 00-1322	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	129.25	
33 41 13 00-1323	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	158.75	
33 41 13 00-1324	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	189.28	
33 41 13 00-1325	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	225.84	
33 41 13 00-1326	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	277.81	
33 41 13 00-1327	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	314.45	
33 41 13 00-1328	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	354.12	
33 41 13 00-1329	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	429.44	
33 41 13 00-1330	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	476.23	
33 41 13 00-1331	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	581.06	
33 41 13 00-1332	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	632.97	
33 41 13 00-1333	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	687.95	
33 41 13 00-1334	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	741.84	
33 41 13 00-1335	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	796.80	
33 41 13 00-1336	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	852.76	
33 41 13 00-1337	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	907.74	
33 41 13 00-1338	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	962.67	
33 41 13 00-1339	EA	Fabricate 126" Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,020.93	
33 41 13 00-1340	EA	Fabricate 132" Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,082.72	
33 41 13 00-1341	EA	Fabricate 138" Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,148.25	

33 41 13 00-1342 Coupling Bands, Corrugated Metal Pipe Fitting *(33 41 13 00-1257)*

33 41 13 00-1343	EA	6" Coupling Band, Corrugated Metal Pipe Fitting	7.26	
		For Asphalt Coated, Add		*2.11*
33 41 13 00-1344	EA	8" Coupling Band, Corrugated Metal Pipe Fitting	9.63	
		For Asphalt Coated, Add		*2.79*
33 41 13 00-1345	EA	10" Coupling Band, Corrugated Metal Pipe Fitting	12.13	
		For Asphalt Coated, Add		*3.52*
33 41 13 00-1346	EA	12" Coupling Band, Corrugated Metal Pipe Fitting	20.14	
		For Asphalt Coated, Add		*5.84*
33 41 13 00-1347	EA	15" Coupling Band, Corrugated Metal Pipe Fitting	25.39	
		For Asphalt Coated, Add		*7.36*
33 41 13 00-1348	EA	18" Coupling Band, Corrugated Metal Pipe Fitting	37.26	
		For Asphalt Coated, Add		*10.81*
33 41 13 00-1349	EA	21" Coupling Band, Corrugated Metal Pipe Fitting	44.22	
		For Asphalt Coated, Add		*12.82*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1350	EA	24" Coupling Band, Corrugated Metal Pipe Fitting	50.14	
		For Asphalt Coated, Add	*14.54*	
33 41 13 00-1351	EA	30" Coupling Band, Corrugated Metal Pipe Fitting	86.77	
		For Asphalt Coated, Add	*25.16*	
33 41 13 00-1352	EA	36" Coupling Band, Corrugated Metal Pipe Fitting	138.83	
		For Asphalt Coated, Add	*33.32*	
33 41 13 00-1353	EA	42" Coupling Band, Corrugated Metal Pipe Fitting	163.12	
		For Asphalt Coated, Add	*39.15*	
33 41 13 00-1354	EA	48" Coupling Band, Corrugated Metal Pipe Fitting	182.78	
		For Asphalt Coated, Add	*43.87*	
33 41 13 00-1355	EA	54" Coupling Band, Corrugated Metal Pipe Fitting	259.22	
		For Asphalt Coated, Add	*62.21*	
33 41 13 00-1356	EA	60" Coupling Band, Corrugated Metal Pipe Fitting	370.76	
		For Asphalt Coated, Add	*66.74*	
33 41 13 00-1357	EA	66" Coupling Band, Corrugated Metal Pipe Fitting	455.65	
		For Asphalt Coated, Add	*82.02*	
33 41 13 00-1358	EA	72" Coupling Band, Corrugated Metal Pipe Fitting	585.31	
		For Asphalt Coated, Add	*81.94*	
33 41 13 00-1359	EA	78" Coupling Band, Corrugated Metal Pipe Fitting	626.03	
		For Asphalt Coated, Add	*87.64*	
33 41 13 00-1360	EA	84" Coupling Band, Corrugated Metal Pipe Fitting	666.98	
		For Asphalt Coated, Add	*93.38*	
33 41 13 00-1361	EA	90" Coupling Band, Corrugated Metal Pipe Fitting	707.72	
		For Asphalt Coated, Add	*99.08*	
33 41 13 00-1362	EA	96" Coupling Band, Corrugated Metal Pipe Fitting	748.56	
		For Asphalt Coated, Add	*104.80*	
33 41 13 00-1363	EA	102" Coupling Band, Corrugated Metal Pipe Fitting	789.51	
		For Asphalt Coated, Add	*110.53*	
33 41 13 00-1364	EA	108" Coupling Band, Corrugated Metal Pipe Fitting	830.27	
		For Asphalt Coated, Add	*116.24*	
33 41 13 00-1365	EA	114" Coupling Band, Corrugated Metal Pipe Fitting	983.36	
		For Asphalt Coated, Add	*118.00*	
33 41 13 00-1366	EA	120" Coupling Band, Corrugated Metal Pipe Fitting	911.73	
		For Asphalt Coated, Add	*109.41*	
33 41 13 00-1367	EA	126" Coupling Band, Corrugated Metal Pipe Fitting	952.36	
		For Asphalt Coated, Add	*114.28*	
33 41 13 00-1368	EA	132" Coupling Band, Corrugated Metal Pipe Fitting	993.29	
		For Asphalt Coated, Add	*119.19*	
33 41 13 00-1369	EA	138" Coupling Band, Corrugated Metal Pipe Fitting	1,034.26	
		For Asphalt Coated, Add	*124.11*	

33 41 13 00-1370 Corrugated Metal Pipe End Sections *(33 41 13 00-0332)*

33 41 13 00-1371 Galvanized Corrugated Steel Pipe End Sections *(33 41 13 00-1370)*

33 41 13 00-1372 Type 1 Galvanized Corrugated Steel Pipe End Sections *(33 41 13 00-1371)*

Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.

33 41 13 00-1373	EA	12" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	191.60	50.20
33 41 13 00-1374	EA	15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	221.63	53.79
33 41 13 00-1375	EA	18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	257.88	57.37
33 41 13 00-1376	EA	21" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	311.20	62.75
33 41 13 00-1377	EA	24" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	344.51	68.13

33 41 13 00-1378 Type 2 Galvanized Corrugated Steel Pipe End Sections *(33 41 13 00-1371)*

Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.

33 41 13 00-1379	EA	30" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	550.15	77.10
33 41 13 00-1380	EA	36" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	709.00	89.59
33 41 13 00-1381	EA	42" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,083.56	104.52
33 41 13 00-1382	EA	48" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,322.71	119.46
33 41 13 00-1383	EA	54" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,576.52	149.32
33 41 13 00-1384	EA	60" 10 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,841.71	179.18

33 41 13 00-1385 Type 3 Or 5 Galvanized Corrugated Steel Pipe End Sections *(33 41 13 00-1371)*

Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.

33 41 13 00-1386	EA	12" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	199.75	50.20
33 41 13 00-1387	EA	15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	230.01	53.79
33 41 13 00-1388	EA	18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	270.76	57.37
33 41 13 00-1389	EA	21" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	326.66	62.75
33 41 13 00-1390	EA	24" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	362.05	68.13
33 41 13 00-1391	EA	30" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	603.99	77.10
33 41 13 00-1392	EA	36" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	775.12	89.59
33 41 13 00-1393	EA	42" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	1,229.55	104.52
33 41 13 00-1394	EA	48" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	1,511.11	119.46
33 41 13 00-1395	EA	54" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	1,767.05	149.32
33 41 13 00-1396	EA	60" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	2,445.15	179.18
33 41 13 00-1397	EA	66" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	2,783.36	268.77
33 41 13 00-1398	EA	72" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	3,262.67	358.37
33 41 13 00-1399	EA	78" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	3,553.18	384.50
33 41 13 00-1400	EA	84" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	3,850.66	410.62

33 41 13 00-1401 Toe Plate Extensions For Galvanized Corrugated Steel Pipe End Section *(33 41 13 00-1371)*

33 41 13 00-1402	EA	Toe Plate Extension For 12" Diameter Galvanized Corrugated Steel Pipe End Section	21.70
33 41 13 00-1403	EA	Toe Plate Extension For 15" Diameter Galvanized Corrugated Steel Pipe End Section	24.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1404	EA	Toe Plate Extension For 18" Diameter Galvanized Corrugated Steel Pipe End Section	26.80	
33 41 13 00-1405	EA	Toe Plate Extension For 21" Diameter Galvanized Corrugated Steel Pipe End Section	29.12	
33 41 13 00-1406	EA	Toe Plate Extension For 24" Diameter Galvanized Corrugated Steel Pipe End Section	32.50	
33 41 13 00-1407	EA	Toe Plate Extension For 30" Diameter Galvanized Corrugated Steel Pipe End Section	55.56	
33 41 13 00-1408	EA	Toe Plate Extension For 36" Diameter Galvanized Corrugated Steel Pipe End Section	59.82	
33 41 13 00-1409	EA	Toe Plate Extension For 42" Diameter Galvanized Corrugated Steel Pipe End Section	80.72	
33 41 13 00-1410	EA	Toe Plate Extension For 48" Diameter Galvanized Corrugated Steel Pipe End Section	86.68	
33 41 13 00-1411	EA	Toe Plate Extension For 54" Diameter Galvanized Corrugated Steel Pipe End Section	105.45	
33 41 13 00-1412	EA	Toe Plate Extension For 60" Diameter Galvanized Corrugated Steel Pipe End Section	108.43	
33 41 13 00-1413	EA	Toe Plate Extension For 66" Diameter Galvanized Corrugated Steel Pipe End Section	116.66	
33 41 13 00-1414	EA	Toe Plate Extension For 72" Diameter Galvanized Corrugated Steel Pipe End Section	135.48	
33 41 13 00-1415	EA	Toe Plate Extension For 78" Diameter Galvanized Corrugated Steel Pipe End Section	151.31	
33 41 13 00-1416	EA	84" Diameter Galvanized Corrugated Steel Pipe End Section Toe Plate Extension	155.64	

33 41 13 00-1417 Galvanized Corrugated Steel Pipe-Arch End Sections *(33 41 13 00-1370)*

33 41 13 00-1418 Type 1 Galvanized Corrugated Steel Pipe-Arch End Sections *(33 41 13 00-1417)*

Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.

33 41 13 00-1419	EA	17" x 13" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	221.63	53.79
33 41 13 00-1420	EA	21" x 15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	257.88	57.37
33 41 13 00-1421	EA	24" x 18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	311.20	62.75
33 41 13 00-1422	EA	28" x 20" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	344.51	68.13

33 41 13 00-1423 Type 2 Galvanized Corrugated Steel Pipe-Arch End Sections *(33 41 13 00-1417)*

Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.

33 41 13 00-1424	EA	17" x 13" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	214.60	53.79
33 41 13 00-1425	EA	21" x 15" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	244.87	57.37
33 41 13 00-1426	EA	24" x 18" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	273.96	62.75
33 41 13 00-1427	EA	28" x 20" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	308.95	68.13
33 41 13 00-1428	EA	35" x 24" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	448.77	77.10
33 41 13 00-1429	EA	42" x 29" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	647.33	89.59
33 41 13 00-1430	EA	49" x 33" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	1,003.42	104.52
33 41 13 00-1431	EA	57" x 38" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	1,269.30	119.46

33 41 13 00-1432 Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Sections *(33 41 13 00-1417)*

Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.

33 41 13 00-1433	EA	17" x 13" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	218.17	53.79
33 41 13 00-1434	EA	21" x 15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	252.63	57.37
33 41 13 00-1435	EA	24" x 18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	286.09	62.75
33 41 13 00-1436	EA	28" x 20" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	323.33	68.13
33 41 13 00-1437	EA	35" x 24" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	473.21	77.10
33 41 13 00-1438	EA	42" x 29" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	680.67	89.59
33 41 13 00-1439	EA	49" x 33" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,056.74	104.52
33 41 13 00-1440	EA	57" x 38" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,330.67	119.46
33 41 13 00-1441	EA	64" x 43" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,601.74	149.32
33 41 13 00-1442	EA	71" x 47" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	2,103.54	179.18
33 41 13 00-1443	EA	77" x 52" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	2,938.21	268.77
33 41 13 00-1444	EA	83" x 57" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	3,260.61	358.37

33 41 13 00-1445 Toe Plate Extensions For Galvanized Corrugated Steel Pipe-Arch End Section *(33 41 13 00-1417)*

33 41 13 00-1446	EA	Toe Plate Extension For 17" x 13" Galvanized Corrugated Steel Pipe-Arch End Section	24.00	
33 41 13 00-1447	EA	Toe Plate Extension For 21" x 15" Galvanized Corrugated Steel Pipe-Arch End Section	26.80	
33 41 13 00-1448	EA	Toe Plate Extension For 24" x 18" Galvanized Corrugated Steel Pipe-Arch End Section	29.12	
33 41 13 00-1449	EA	Toe Plate Extension For 28" x 20" Galvanized Corrugated Steel Pipe-Arch End Section	32.50	
33 41 13 00-1450	EA	Toe Plate Extension For 35" x 24" Galvanized Corrugated Steel Pipe-Arch End Section	55.56	
33 41 13 00-1451	EA	Toe Plate Extension For 42" x 29" Galvanized Corrugated Steel Pipe-Arch End Section	59.82	
33 41 13 00-1452	EA	Toe Plate Extension For 49" x 33" Galvanized Corrugated Steel Pipe-Arch End Section	80.72	
33 41 13 00-1453	EA	Toe Plate Extension For 57" x 38" Galvanized Corrugated Steel Pipe-Arch End Section	89.94	
33 41 13 00-1454	EA	Toe Plate Extension For 64" x 43" Galvanized Corrugated Steel Pipe-Arch End Section	105.45	
33 41 13 00-1455	EA	Toe Plate Extension For 71" x 47" Galvanized Corrugated Steel Pipe-Arch End Section	109.72	
33 41 13 00-1456	EA	Toe Plate Extension For 77" x 52" Galvanized Corrugated Steel Pipe-Arch End Section	127.21	
33 41 13 00-1457	EA	Toe Plate Extension For 83" x 57" Galvanized Corrugated Steel Pipe-Arch End Section	147.09	

33 41 13 00-1458 Corrugated Aluminum Pipe End Sections *(33 41 13 00-1370)*

33 41 13 00-1459 Corrugated Aluminum Pipe End Sections *(33 41 13 00-1458)*

33 41 13 00-1460	EA	12" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	286.29	50.20
33 41 13 00-1461	EA	15" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	329.45	53.79
33 41 13 00-1462	EA	18" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	389.83	57.37
33 41 13 00-1463	EA	21" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	482.25	62.75
33 41 13 00-1464	EA	24" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	628.20	68.13
33 41 13 00-1465	EA	30" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	939.03	77.10
33 41 13 00-1466	EA	36" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	1,270.99	89.59
33 41 13 00-1467	EA	36" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	1,580.79	89.59
33 41 13 00-1468	EA	42" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	2,015.61	104.52
33 41 13 00-1469	EA	48" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	2,875.03	119.46
33 41 13 00-1470	EA	54" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	3,185.67	149.32
33 41 13 00-1471	EA	60" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	4,292.41	179.18
33 41 13 00-1472	EA	66" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	4,865.91	268.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1473	EA	72" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	5,694.02	358.37
33 41 13 00-1474	EA	78" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	6,218.40	384.50
33 41 13 00-1475	EA	84" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	6,561.87	410.62
33 41 13 00-1476	EA	90" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	8,970.18	447.96
33 41 13 00-1477	EA	96" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	9,929.69	485.29
33 41 13 00-1478		Toe Plate Extensions For Corrugated Aluminum Pipe End Section *(33 41 13 00-1458)*		
33 41 13 00-1479	EA	Toe Plate Extension For 12" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	39.16	
33 41 13 00-1480	EA	Toe Plate Extension For 15" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	41.43	
33 41 13 00-1481	EA	Toe Plate Extension For 18" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	44.77	
33 41 13 00-1482	EA	Toe Plate Extension For 21" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	50.23	
33 41 13 00-1483	EA	Toe Plate Extension For 24" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	53.38	
33 41 13 00-1484	EA	Toe Plate Extension For 30" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	69.37	
33 41 13 00-1485	EA	Toe Plate Extension For 36" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	83.01	
33 41 13 00-1486	EA	Toe Plate Extension For 36" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	87.18	
33 41 13 00-1487	EA	Toe Plate Extension For 42" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	95.57	
33 41 13 00-1488	EA	Toe Plate Extension For 48" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	108.01	
33 41 13 00-1489	EA	Toe Plate Extension For 54" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	127.39	
33 41 13 00-1490	EA	Toe Plate Extension For 60" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	174.92	
33 41 13 00-1491	EA	Toe Plate Extension For 66" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	189.88	
33 41 13 00-1492	EA	Toe Plate Extension For 72" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	243.63	
33 41 13 00-1493	EA	Toe Plate Extension For 78" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	264.03	
33 41 13 00-1494	EA	Toe Plate Extension For 84" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	281.47	
33 41 13 00-1495	EA	Toe Plate Extension For 90" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	299.72	
33 41 13 00-1496	EA	96" Diameter Corrugated Aluminum Pipe End Section, 12 And 10 Gauge Toe Plate Extension	318.28	
33 41 13 00-1497		Corrugated Aluminum Pipe-Arch End Sections *(33 41 13 00-1370)*		
33 41 13 00-1498		Corrugated Aluminum Pipe-Arch End Sections *(33 41 13 00-1497)*		
33 41 13 00-1499	EA	17" x 13" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	339.46	53.79
33 41 13 00-1500	EA	21" x 15" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	414.23	57.37
33 41 13 00-1501	EA	24" x 18" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	449.88	62.75
33 41 13 00-1502	EA	28" x 20" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	485.50	68.13
33 41 13 00-1503	EA	35" x 24" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	724.98	77.10
33 41 13 00-1504	EA	42" x 29" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,285.23	89.59
33 41 13 00-1505	EA	42" x 29" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,363.78	89.59
33 41 13 00-1506	EA	49" x 33" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,821.88	104.52
33 41 13 00-1507	EA	57" x 38" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	2,799.59	119.46
33 41 13 00-1508	EA	64" x 43" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	3,206.15	149.32
33 41 13 00-1509	EA	71" x 47" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	3,876.45	179.18
33 41 13 00-1510	EA	77" x 52" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	6,491.86	268.77
33 41 13 00-1511	EA	83" x 57" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	6,818.52	358.37
33 41 13 00-1512	EA	87" x 63" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	7,423.81	384.50
33 41 13 00-1513	EA	95" x 67" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	7,749.18	410.62
33 41 13 00-1514	EA	103" x 71" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	8,446.68	447.96
33 41 13 00-1515	EA	112" x 75" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	8,948.91	485.29
33 41 13 00-1516		Toe Plate Extensions For Corrugated Aluminum Pipe-Arch End Section *(33 41 13 00-1497)*		
33 41 13 00-1517	EA	Toe Plate Extension For 17" x 13", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	41.43	
33 41 13 00-1518	EA	Toe Plate Extension For 21" x 15", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	44.77	
33 41 13 00-1519	EA	Toe Plate Extension For 24" x 18", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	47.31	
33 41 13 00-1520	EA	Toe Plate Extension For 28" x 20", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	51.78	
33 41 13 00-1521	EA	Toe Plate Extension For 35" x 24", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	60.19	
33 41 13 00-1522	EA	Toe Plate Extension For 42" x 29", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	77.74	
33 41 13 00-1523	EA	Toe Plate Extension For 42" x 29", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	84.39	
33 41 13 00-1524	EA	Toe Plate Extension For 49" x 33", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	95.57	
33 41 13 00-1525	EA	Toe Plate Extension For 57" x 38", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	108.01	
33 41 13 00-1526	EA	Toe Plate Extension For 64" x 43", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	127.39	
33 41 13 00-1527	EA	Toe Plate Extension For 71" x 47", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	160.13	
33 41 13 00-1528	EA	Toe Plate Extension For 77" x 52", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	202.27	
33 41 13 00-1529	EA	Toe Plate Extension For 83" x 57", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	274.59	
33 41 13 00-1530	EA	Toe Plate Extension For 87" x 63", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	311.15	
33 41 13 00-1531	EA	Toe Plate Extension For 95" x 67", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	326.42	
33 41 13 00-1532	EA	Toe Plate Extension For 103" x 71", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	339.17	
33 41 13 00-1533	EA	Toe Plate Extension For 112" x 75", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	354.52	
33 41 13 00-1534		Low Slope Corrugated Steel Pipe End Sections And Accessories *(33 41 13 00-1370)*		
33 41 13 00-1535		4:1 Corrugated Steel Pipe End Sections *(33 41 13 00-1534)*		
33 41 13 00-1536	EA	15" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	372.04	53.79
33 41 13 00-1537	EA	18" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	473.72	57.37
33 41 13 00-1538	EA	21" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	576.62	62.75
33 41 13 00-1539	EA	24" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	686.66	68.13
33 41 13 00-1540		3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe End Sections *(33 41 13 00-1534)*		
		Note: Includes nut and bolt set.		
33 41 13 00-1541	EA	3" Diameter Parallel Safety Bar For 15" 4:1 Corrugated Steel Pipe End Section	259.97	
33 41 13 00-1542	EA	3" Diameter Parallel Safety Bar For 18" 4:1 Corrugated Steel Pipe End Section	509.87	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1543	EA	3" Diameter Parallel Safety Bar For 21" 4:1 Corrugated Steel Pipe End Section	559.47	
33 41 13 00-1544	EA	3" Diameter Parallel Safety Bar For 24" 4:1 Corrugated Steel Pipe End Section	582.30	
33 41 13 00-1545		6:1 Corrugated Steel Pipe End Sections *(33 41 13 00-1534)*		
33 41 13 00-1546	EA	15" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	455.97	53.79
33 41 13 00-1547	EA	18" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	596.62	57.37
33 41 13 00-1548	EA	21" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	792.76	62.75
33 41 13 00-1549	EA	24" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	930.91	68.13
33 41 13 00-1550		3" Diameter Parallel Safety Bar For 6:1 Corrugated Steel Pipe End Sections *(33 41 13 00-1534)*		
		Note: Includes nut and bolt set.		
33 41 13 00-1551	EA	3" Diameter Parallel Safety Bar For 15" 6:1 Corrugated Steel Pipe End Section	601.29	
33 41 13 00-1552	EA	3" Diameter Parallel Safety Bar For 18" 6:1 Corrugated Steel Pipe End Section	638.40	
33 41 13 00-1553	EA	3" Diameter Parallel Safety Bar For 21" 6:1 Corrugated Steel Pipe End Section	702.22	
33 41 13 00-1554	EA	3" Diameter Parallel Safety Bar For 24" 6:1 Corrugated Steel Pipe End Section	1,315.10	
33 41 13 00-1555		Toe Plate Extensions For Low Slope Corrugated Steel Pipe End Section *(33 41 13 00-1534)*		
33 41 13 00-1556	EA	Toe Plate Extension For 15" Low Slope Corrugated Steel Pipe End Section	45.77	
33 41 13 00-1557	EA	Toe Plate Extension For 18" Low Slope Corrugated Steel Pipe End Section	51.07	
33 41 13 00-1558	EA	Toe Plate Extension For 21" Low Slope Corrugated Steel Pipe End Section	55.55	
33 41 13 00-1559	EA	Toe Plate Extension For 24" Low Slope Corrugated Steel Pipe End Section	61.91	
33 41 13 00-1560		Low Slope Corrugated Steel Pipe-Arch End Sections And Accessories *(33 41 13 00-1370)*		
33 41 13 00-1561		4:1 Corrugated Steel Pipe-Arch End Section *(33 41 13 00-1560)*		
33 41 13 00-1562	EA	21" x 15" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	517.18	57.37
33 41 13 00-1563	EA	24" x 18" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	648.17	62.75
33 41 13 00-1564	EA	28" x 20" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	766.72	68.13
33 41 13 00-1565	EA	35" x 24" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	1,440.86	77.10
33 41 13 00-1566		3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe-Arch End Sections *(33 41 13 00-1560)*		
		Note: Includes nut and bolt set.		
33 41 13 00-1567	EA	3" Diameter Parallel Safety Bar For 21" x 15" 4:1 Corrugated Steel Pipe-Arch End Section	368.54	
33 41 13 00-1568	EA	3" Diameter Parallel Safety Bar For 24" x 18" 4:1 Corrugated Steel Pipe-Arch End Section	669.95	
33 41 13 00-1569	EA	3" Diameter Parallel Safety Bar For 28" x 20" 4:1 Corrugated Steel Pipe-Arch End Section	705.93	
33 41 13 00-1570	EA	3" Diameter Parallel Safety Bar For 35" x 24" 4:1 Corrugated Steel Pipe-Arch End Section	1,038.20	
33 41 13 00-1571		Toe Plate Extensions For Low Slope Corrugated Steel Pipe-Arch End Section *(33 41 13 00-1560)*		
33 41 13 00-1572	EA	Toe Plate Extension For 21" x 15" Low Slope Corrugated Steel Pipe-Arch End Section	53.47	
33 41 13 00-1573	EA	Toe Plate Extension For 24" x 18" Low Slope Corrugated Steel Pipe-Arch End Section	60.64	
33 41 13 00-1574	EA	Toe Plate Extension For 28" x 20" Low Slope Corrugated Steel Pipe-Arch End Section	66.11	
33 41 13 00-1575	EA	Toe Plate Extension For 35" x 24" Low Slope Corrugated Steel Pipe-Arch End Section	78.87	
33 41 13 00-1576		Vitrified Clay Piping *(33 41 13)*		
33 41 13 00-1577		Extra Strength Vitrified Clay Piping *(33 41 13 00-1576)*		
33 41 13 00-1578		Plain Joint, Extra Strength, Vitrified Clay Piping *(33 41 13 00-1577)*		
		Note: ASTM C700.		
33 41 13 00-1579	LF	4" Plain Joint, Extra Strength, Vitrified Clay Pipe	13.20	
		For 3' Lengths, Add	*0.87*	
		For 2' Lengths, Add	*1.16*	
		For Standard Strength, Deduct	*-0.29*	
		For >1000, Deduct	*-0.66*	
33 41 13 00-1580	LF	6" Plain Joint, Extra Strength, Vitrified Clay Pipe	16.92	
		For 3' Lengths, Add	*1.35*	
		For 2' Lengths, Add	*1.80*	
		For Standard Strength, Deduct	*-0.45*	
		For >1000, Deduct	*-0.85*	
33 41 13 00-1581	LF	8" Plain Joint, Extra Strength, Vitrified Clay Pipe	20.96	
		For 3' Lengths, Add	*1.93*	
		For 2' Lengths, Add	*2.57*	
		For Standard Strength, Deduct	*-0.64*	
		For >1000, Deduct	*-1.05*	
33 41 13 00-1582	LF	10" Plain Joint, Extra Strength, Vitrified Clay Pipe	25.61	
		For 3' Lengths, Add	*2.95*	
		For 2' Lengths, Add	*3.93*	
		For Standard Strength, Deduct	*-0.98*	
		For >1000, Deduct	*-1.28*	
33 41 13 00-1583	LF	12" Plain Joint, Extra Strength, Vitrified Clay Pipe	31.66	
		For 3' Lengths, Add	*4.16*	
		For 2' Lengths, Add	*5.55*	
		For Standard Strength, Deduct	*-1.39*	
		For >1000, Deduct	*-1.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1584	LF	15" Plain Joint, Extra Strength, Vitrified Clay Pipe	45.80	
		For 3' Lengths, Add	*7.81*	
		For 2' Lengths, Add	*10.41*	
		For Standard Strength, Deduct	*-2.60*	
		For >1000, Deduct	*-2.29*	
33 41 13 00-1585	LF	18" Plain Joint, Extra Strength, Vitrified Clay Pipe	61.97	
		For 3' Lengths, Add	*11.19*	
		For 2' Lengths, Add	*14.92*	
		For Standard Strength, Deduct	*-3.73*	
		For >1000, Deduct	*-3.10*	
33 41 13 00-1586	LF	21" Plain Joint, Extra Strength, Vitrified Clay Pipe	90.86	
		For 3' Lengths, Add	*17.93*	
		For 2' Lengths, Add	*23.90*	
		For Standard Strength, Deduct	*-5.98*	
		For >1000, Deduct	*-4.54*	
33 41 13 00-1587	LF	24" Plain Joint, Extra Strength, Vitrified Clay Pipe	115.84	
		For 3' Lengths, Add	*23.42*	
		For 2' Lengths, Add	*31.22*	
		For Standard Strength, Deduct	*-7.81*	
		For >1000, Deduct	*-5.79*	
33 41 13 00-1588	LF	30" Plain Joint, Extra Strength, Vitrified Clay Pipe	144.44	
		For 3' Lengths, Add	*29.20*	
		For 2' Lengths, Add	*38.93*	
		For Standard Strength, Deduct	*-9.73*	
		For >1000, Deduct	*-7.22*	
33 41 13 00-1589	LF	36" Plain Joint, Extra Strength, Vitrified Clay Pipe	169.95	
		For 3' Lengths, Add	*35.27*	
		For 2' Lengths, Add	*47.03*	
		For Standard Strength, Deduct	*-11.76*	
		For >1000, Deduct	*-8.50*	

33 41 13 00-1590 Compression Joint, Extra Strength, Vitrified Clay Piping *(33 41 13 00-1577)*

Note: ASTM C425.

33 41 13 00-1591	LF	4" Compression Joint, Extra Strength, Vitrified Clay Pipe	15.78	
		For 3' Lengths, Add	*1.02*	
		For 2' Lengths, Add	*1.36*	
		For Standard Strength, Deduct	*-0.34*	
		For >1000, Deduct	*-0.79*	
33 41 13 00-1592	LF	6" Compression Joint, Extra Strength, Vitrified Clay Pipe	20.48	
		For 3' Lengths, Add	*1.67*	
		For 2' Lengths, Add	*2.23*	
		For Standard Strength, Deduct	*-0.56*	
		For >1000, Deduct	*-1.02*	
33 41 13 00-1593	LF	8" Compression Joint, Extra Strength, Vitrified Clay Pipe	25.30	
		For 3' Lengths, Add	*2.36*	
		For 2' Lengths, Add	*3.14*	
		For Standard Strength, Deduct	*-0.79*	
		For >1000, Deduct	*-1.27*	
33 41 13 00-1594	LF	10" Compression Joint, Extra Strength, Vitrified Clay Pipe	31.84	
		For 3' Lengths, Add	*3.87*	
		For 2' Lengths, Add	*5.16*	
		For Standard Strength, Deduct	*-1.29*	
		For >1000, Deduct	*-1.59*	
33 41 13 00-1595	LF	12" Compression Joint, Extra Strength, Vitrified Clay Pipe	38.29	
		For 3' Lengths, Add	*5.09*	
		For 2' Lengths, Add	*6.78*	
		For Standard Strength, Deduct	*-1.70*	
		For >1000, Deduct	*-1.91*	
33 41 13 00-1596	LF	15" Compression Joint, Extra Strength, Vitrified Clay Pipe	54.67	
		For 3' Lengths, Add	*9.28*	
		For 2' Lengths, Add	*12.37*	
		For Standard Strength, Deduct	*-3.09*	
		For >1000, Deduct	*-2.73*	
33 41 13 00-1597	LF	18" Compression Joint, Extra Strength, Vitrified Clay Pipe	74.89	
		For 3' Lengths, Add	*13.59*	
		For 2' Lengths, Add	*18.12*	
		For Standard Strength, Deduct	*-4.53*	
		For >1000, Deduct	*-3.74*	
33 41 13 00-1598	LF	21" Compression Joint, Extra Strength, Vitrified Clay Pipe	106.24	
		For 3' Lengths, Add	*20.67*	
		For 2' Lengths, Add	*27.56*	
		For Standard Strength, Deduct	*-6.89*	
		For >1000, Deduct	*-5.31*	
33 41 13 00-1599	LF	24" Compression Joint, Extra Strength, Vitrified Clay Pipe	137.86	
		For 3' Lengths, Add	*27.76*	
		For 2' Lengths, Add	*37.01*	
		For Standard Strength, Deduct	*-9.25*	
		For >1000, Deduct	*-6.89*	
33 41 13 00-1600	LF	30" Compression Joint, Extra Strength, Vitrified Clay Pipe	217.47	
		For 3' Lengths, Add	*48.28*	
		For 2' Lengths, Add	*64.38*	
		For Standard Strength, Deduct	*-16.09*	
		For >1000, Deduct	*-10.87*	
33 41 13 00-1601	LF	36" Compression Joint, Extra Strength, Vitrified Clay Pipe	299.92	
		For 3' Lengths, Add	*71.12*	
		For 2' Lengths, Add	*94.83*	
		For Standard Strength, Deduct	*-23.71*	
		For >1000, Deduct	*-15.00*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1602		Extra Strength, Vitrified Clay Pipe Fittings *(33 41 13 00-1576)*		
33 41 13 00-1603		1/8 Bends, Extra Strength, Vitrified Clay *(33 41 13 00-1602)*		
33 41 13 00-1604		Plain End 1/8 Bend, Extra Strength, Vitrified Clay *(33 41 13 00-1603)*		
33 41 13 00-1605	EA	4" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	51.58	
33 41 13 00-1606	EA	6" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	68.29	
33 41 13 00-1607	EA	8" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	94.69	
33 41 13 00-1608	EA	10" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	126.36	
33 41 13 00-1609	EA	12" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	164.18	
33 41 13 00-1610	EA	15" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	371.58	
33 41 13 00-1611	EA	18" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	521.17	
33 41 13 00-1612	EA	21" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	806.48	
33 41 13 00-1613	EA	24" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	932.49	
33 41 13 00-1614	EA	30" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	1,085.76	
33 41 13 00-1615	EA	36" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	1,612.30	
33 41 13 00-1616		Compression Joint 1/8 Bends, Extra Strength, Vitrified Clay *(33 41 13 00-1603)*		
33 41 13 00-1617	EA	4" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	58.95	
33 41 13 00-1618	EA	6" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	81.40	
33 41 13 00-1619	EA	8" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	107.78	
33 41 13 00-1620	EA	10" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	140.43	
33 41 13 00-1621	EA	12" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	175.81	
33 41 13 00-1622	EA	15" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	418.24	
33 41 13 00-1623	EA	18" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	603.99	
33 41 13 00-1624	EA	21" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	627.19	
33 41 13 00-1625	EA	24" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	1,191.41	
33 41 13 00-1626	EA	30" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	1,332.33	
33 41 13 00-1627	EA	36" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	1,959.47	
33 41 13 00-1628		1/4 Bends, Extra Strength, Vitrified Clay *(33 41 13 00-1602)*		
33 41 13 00-1629		Plain End 1/4 Bends, Extra Strength, Vitrified Clay *(33 41 13 00-1628)*		
33 41 13 00-1630	EA	4" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	61.89	
33 41 13 00-1631	EA	6" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	80.72	
33 41 13 00-1632	EA	8" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	109.23	
33 41 13 00-1633	EA	10" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	142.14	
33 41 13 00-1634	EA	12" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	181.96	
33 41 13 00-1635	EA	15" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	391.36	
33 41 13 00-1636	EA	18" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	545.83	
33 41 13 00-1637	EA	21" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	837.59	
33 41 13 00-1638	EA	24" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	970.27	
33 41 13 00-1639	EA	30" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	1,132.88	
33 41 13 00-1640	EA	36" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	1,664.67	
33 41 13 00-1641		Compression Joint 1/4 Bends, Extra Strength, Vitrified Clay *(33 41 13 00-1628)*		
33 41 13 00-1642	EA	4" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	71.34	
33 41 13 00-1643	EA	6" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	96.32	
33 41 13 00-1644	EA	8" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	125.22	
33 41 13 00-1645	EA	10" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	159.37	
33 41 13 00-1646	EA	12" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	197.14	
33 41 13 00-1647	EA	15" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	441.97	
33 41 13 00-1648	EA	18" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	633.59	
33 41 13 00-1649	EA	21" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	1,204.74	
33 41 13 00-1650	EA	24" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	1,236.74	
33 41 13 00-1651	EA	30" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	1,388.87	
33 41 13 00-1652	EA	36" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	2,022.32	
33 41 13 00-1653		Wyes Or Tees, Extra Strength, Vitrified Clay *(33 41 13 00-1602)*		
33 41 13 00-1654		Plain End Wyes Or Tees, Extra Strength, Vitrified Clay *(33 41 13 00-1653)*		
33 41 13 00-1655	EA	4" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	69.92	
33 41 13 00-1656	EA	6" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	89.69	
33 41 13 00-1657	EA	8" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	118.29	
33 41 13 00-1658	EA	10" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	151.11	
33 41 13 00-1659	EA	12" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	187.73	
33 41 13 00-1660	EA	15" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	401.10	
33 41 13 00-1661	EA	18" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	556.69	
33 41 13 00-1662	EA	21" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	797.38	
33 41 13 00-1663	EA	24" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,101.19	
33 41 13 00-1664	EA	30" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,176.38	
33 41 13 00-1665	EA	36" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,668.32	
33 41 13 00-1666		Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay *(33 41 13 00-1653)*		
33 41 13 00-1667	EA	4" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	85.08	
33 41 13 00-1668	EA	6" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	113.51	
33 41 13 00-1669	EA	8" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	146.13	
33 41 13 00-1670	EA	10" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	183.52	
33 41 13 00-1671	EA	12" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	225.46	
33 41 13 00-1672	EA	15" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	487.40	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1673	EA	18" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	695.38	
33 41 13 00-1674	EA	21" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	1,022.27	
33 41 13 00-1675	EA	24" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	1,348.04	
33 41 13 00-1676	EA	30" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	1,565.60	
33 41 13 00-1677	EA	36" Compression Joint, Extra Strength, Vitrified Clay Wye Or Tee	2,195.85	

33 42 Culverts *(33 40)*

33 42 16 Concrete Culverts *(33 42)*

33 42 16 13 Precast Concrete Culverts *(33 42 16)*

33 42 16 13-0001 Precast Reinforced Concrete Box Culvert *(33 42 16 13)*

Note: The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes excavation and backfill. Minimum length 6'-0".

33 42 16 13-0002	LF	4' x 2' Precast Reinforced Concrete Box Culvert	188.60	37.33
		For Each LF Of Cut-Off Section, Add	*7.54*	
33 42 16 13-0003	LF	4' x 3' Precast Reinforced Concrete Box Culvert	204.18	37.33
		For Each LF Of Cut-Off Section, Add	*8.17*	
33 42 16 13-0004	LF	5' x 3' Precast Reinforced Concrete Box Culvert	267.55	46.66
		For Each LF Of Cut-Off Section, Add	*10.70*	
33 42 16 13-0005	LF	5' x 4' Precast Reinforced Concrete Box Culvert	286.34	46.66
		For Each LF Of Cut-Off Section, Add	*11.45*	
33 42 16 13-0006	LF	5' x 5' Precast Reinforced Concrete Box Culvert	305.12	46.66
		For Each LF Of Cut-Off Section, Add	*12.20*	
33 42 16 13-0007	LF	6' x 3' Precast Reinforced Concrete Box Culvert	322.49	48.53
		For Each LF Of Cut-Off Section, Add	*12.90*	
33 42 16 13-0008	LF	6' x 4' Precast Reinforced Concrete Box Culvert	344.45	48.53
		For Each LF Of Cut-Off Section, Add	*13.78*	
33 42 16 13-0009	LF	6' x 6' Precast Reinforced Concrete Box Culvert	388.22	48.53
		For Each LF Of Cut-Off Section, Add	*15.53*	
33 42 16 13-0010	LF	7' x 4' Precast Reinforced Concrete Box Culvert	419.51	56.00
		For Each LF Of Cut-Off Section, Add	*16.78*	
33 42 16 13-0011	LF	7' x 6' Precast Reinforced Concrete Box Culvert	509.54	76.15
		For Each LF Of Cut-Off Section, Add	*20.38*	
33 42 16 13-0012	LF	8' x 2' Precast Reinforced Concrete Box Culvert	379.77	48.53
		For Each LF Of Cut-Off Section, Add	*15.19*	
33 42 16 13-0013	LF	8' x 3' Precast Reinforced Concrete Box Culvert	415.52	56.00
		For Each LF Of Cut-Off Section, Add	*16.62*	
33 42 16 13-0014	LF	8' x 4' Precast Reinforced Concrete Box Culvert	444.49	56.00
		For Each LF Of Cut-Off Section, Add	*17.78*	
33 42 16 13-0015	LF	8' x 5' Precast Reinforced Concrete Box Culvert	506.60	74.66
		For Each LF Of Cut-Off Section, Add	*20.26*	
33 42 16 13-0016	LF	8' x 6' Precast Reinforced Concrete Box Culvert	531.57	74.66
		For Each LF Of Cut-Off Section, Add	*21.26*	
33 42 16 13-0017	LF	8' x 8' Precast Reinforced Concrete Box Culvert	618.64	93.33
		For Each LF Of Cut-Off Section, Add	*24.75*	
33 42 16 13-0018	LF	9' x 4' Precast Reinforced Concrete Box Culvert	551.48	74.66
		For Each LF Of Cut-Off Section, Add	*22.06*	
33 42 16 13-0019	LF	9' x 6' Precast Reinforced Concrete Box Culvert	644.74	93.33
		For Each LF Of Cut-Off Section, Add	*25.79*	
33 42 16 13-0020	LF	10' x 3' Precast Reinforced Concrete Box Culvert	633.29	93.33
		For Each LF Of Cut-Off Section, Add	*25.33*	
33 42 16 13-0021	LF	10' x 4' Precast Reinforced Concrete Box Culvert	663.41	93.33
		For Each LF Of Cut-Off Section, Add	*26.54*	
33 42 16 13-0022	LF	10' x 5' Precast Reinforced Concrete Box Culvert	732.75	111.99
		For Each LF Of Cut-Off Section, Add	*29.31*	
33 42 16 13-0023	LF	10' x 6' Precast Reinforced Concrete Box Culvert	764.12	111.99
		For Each LF Of Cut-Off Section, Add	*30.56*	
33 42 16 13-0024	LF	10' x 7' Precast Reinforced Concrete Box Culvert	795.48	111.99
		For Each LF Of Cut-Off Section, Add	*31.82*	
33 42 16 13-0025	LF	10' x 8' Precast Reinforced Concrete Box Culvert	826.65	111.99
		For Each LF Of Cut-Off Section, Add	*33.07*	
33 42 16 13-0026	LF	12' x 3' Precast Reinforced Concrete Box Culvert	719.52	130.66
		For Each LF Of Cut-Off Section, Add	*28.78*	
33 42 16 13-0027	LF	12' x 4' Precast Reinforced Concrete Box Culvert	909.57	130.66
		For Each LF Of Cut-Off Section, Add	*36.38*	
33 42 16 13-0028	LF	12' x 6' Precast Reinforced Concrete Box Culvert	984.70	130.66
		For Each LF Of Cut-Off Section, Add	*39.39*	
33 42 16 13-0029	LF	12' x 8' Precast Reinforced Concrete Box Culvert	1,059.81	130.66
		For Each LF Of Cut-Off Section, Add	*42.39*	
33 42 16 13-0030	LF	16' x 10' Precast Reinforced Concrete Box Culvert	1,322.11	149.32
		For Each LF Of Cut-Off Section, Add	*52.88*	
33 42 16 13-0031	LF	24' x 10' Precast Reinforced Concrete Box Culvert	1,622.57	149.32
		For Each LF Of Cut-Off Section, Add	*64.90*	

33 42 16 13-0032 Precast Reinforced Concrete Box Culvert For Roadways *(33 42 16 13)*

Note: AASHTO H/20, H/25 Rated. The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes excavation and backfill. Minimum length 6'-0".

33 42 16 13-0033	LF	4' x 2' Precast Reinforced Concrete Box Culvert For Roadways	605.06	37.33
		For Each LF Of Cut-Off Section, Add	*24.20*	
33 42 16 13-0034	LF	4' x 3' Precast Reinforced Concrete Box Culvert For Roadways	677.38	37.33
		For Each LF Of Cut-Off Section, Add	*27.10*	
33 42 16 13-0035	LF	5' x 3' Precast Reinforced Concrete Box Culvert For Roadways	768.37	46.66
		For Each LF Of Cut-Off Section, Add	*30.73*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 16 13-0036		LF	5' x 4' Precast Reinforced Concrete Box Culvert For Roadways	840.70	46.66
			For Each LF Of Cut-Off Section, Add	*33.63*	
33 42 16 13-0037		LF	5' x 5' Precast Reinforced Concrete Box Culvert For Roadways	913.03	46.66
			For Each LF Of Cut-Off Section, Add	*36.52*	
33 42 16 13-0038		LF	6' x 3' Precast Reinforced Concrete Box Culvert For Roadways	844.42	48.53
			For Each LF Of Cut-Off Section, Add	*33.78*	
33 42 16 13-0039		LF	6' x 4' Precast Reinforced Concrete Box Culvert For Roadways	916.75	48.53
			For Each LF Of Cut-Off Section, Add	*36.67*	
33 42 16 13-0040		LF	6' x 6' Precast Reinforced Concrete Box Culvert For Roadways	1,061.40	48.53
			For Each LF Of Cut-Off Section, Add	*42.46*	
33 42 16 13-0041		LF	7' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,004.01	56.00
			For Each LF Of Cut-Off Section, Add	*40.16*	
33 42 16 13-0042		LF	7' x 6' Precast Reinforced Concrete Box Culvert For Roadways	1,188.97	76.15
			For Each LF Of Cut-Off Section, Add	*47.56*	
33 42 16 13-0043		LF	8' x 2' Precast Reinforced Concrete Box Culvert For Roadways	916.75	48.53
			For Each LF Of Cut-Off Section, Add	*36.67*	
33 42 16 13-0044		LF	8' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,004.01	56.00
			For Each LF Of Cut-Off Section, Add	*40.16*	
33 42 16 13-0045		LF	8' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,076.34	56.00
			For Each LF Of Cut-Off Section, Add	*43.05*	
33 42 16 13-0046		LF	8' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,185.99	74.66
			For Each LF Of Cut-Off Section, Add	*47.44*	
33 42 16 13-0047		LF	8' x 6' Precast Reinforced Concrete Box Culvert For Roadways	1,258.31	74.66
			For Each LF Of Cut-Off Section, Add	*50.33*	
33 42 16 13-0048		LF	8' x 8' Precast Reinforced Concrete Box Culvert For Roadways	1,440.29	93.33
			For Each LF Of Cut-Off Section, Add	*57.61*	
33 42 16 13-0049		LF	9' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,270.15	74.66
			For Each LF Of Cut-Off Section, Add	*50.81*	
33 42 16 13-0050		LF	9' x 6' Precast Reinforced Concrete Box Culvert For Roadways	1,462.06	93.33
			For Each LF Of Cut-Off Section, Add	*58.48*	
33 42 16 13-0051		LF	10' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,446.32	93.33
			For Each LF Of Cut-Off Section, Add	*57.85*	
33 42 16 13-0052		LF	10' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,532.21	93.33
			For Each LF Of Cut-Off Section, Add	*61.29*	
33 42 16 13-0053		LF	10' x 5' Precast Reinforced Concrete Box Culvert For Roadways	1,655.42	111.99
			For Each LF Of Cut-Off Section, Add	*66.22*	
33 42 16 13-0054		LF	10' x 6' Precast Reinforced Concrete Box Culvert For Roadways	1,741.30	111.99
			For Each LF Of Cut-Off Section, Add	*69.65*	
33 42 16 13-0055		LF	10' x 7' Precast Reinforced Concrete Box Culvert For Roadways	1,827.20	111.99
			For Each LF Of Cut-Off Section, Add	*73.09*	
33 42 16 13-0056		LF	10' x 8' Precast Reinforced Concrete Box Culvert For Roadways	1,913.09	111.99
			For Each LF Of Cut-Off Section, Add	*76.52*	
33 42 16 13-0057		LF	12' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,921.19	130.66
			For Each LF Of Cut-Off Section, Add	*76.85*	
33 42 16 13-0058		LF	12' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,018.82	130.66
			For Each LF Of Cut-Off Section, Add	*80.75*	
33 42 16 13-0059		LF	12' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,214.10	130.66
			For Each LF Of Cut-Off Section, Add	*88.56*	
33 42 16 13-0060		LF	12' x 8' Precast Reinforced Concrete Box Culvert For Roadways	2,409.38	130.66
			For Each LF Of Cut-Off Section, Add	*96.38*	
33 42 16 13-0061		LF	16' x 10' Precast Reinforced Concrete Box Culvert For Roadways	2,880.67	149.32
			For Each LF Of Cut-Off Section, Add	*115.23*	
33 42 16 13-0062		LF	24' x 10' Precast Reinforced Concrete Box Culvert For Roadways	3,618.40	149.32
			For Each LF Of Cut-Off Section, Add	*144.74*	

33 44 Storm Utility Water Drains *(33 40)*

33 44 13 Utility Area Drains *(33 44)*

33 44 13 13 Catchbasins *(33 44 13)*

33 44 13 13-0001 Storm Drains *(33 44 13 13)*
See CSI section 33 39 13 00-0001 for manhole structures.

33 44 13 13-0002 Catch Basins And Inlet Basins *(33 44 13 13-0001)*
Note: Includes base slab, opening and grout. Excludes frame, grate, excavation and backfill.

33 44 13 13-0003 Cast In Place, Grate Drop Inlet Basins *(33 44 13 13-0002)*
Note: Inside dimensions.

33 44 13 13-0004 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 44 13 13-0003)*

33 44 13 13-0005		EA	2' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,475.61	231.69
33 44 13 13-0006		EA	3' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,842.81	304.09
33 44 13 13-0007		EA	4' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,390.10	416.33
33 44 13 13-0008		EA	5' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,839.79	488.73
33 44 13 13-0009		EA	6' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,292.67	561.14

33 44 13 13-0010 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 44 13 13-0003)*

33 44 13 13-0011		EA	2' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,600.76	238.93
33 44 13 13-0012		EA	3' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,986.55	318.58
33 44 13 13-0013		EA	4' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,545.30	434.43
33 44 13 13-0014		EA	5' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,093.40	506.83
33 44 13 13-0015		EA	6' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,536.79	579.24

33 44 13 13-0016 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 44 13 13-0003)*

33 44 13 13-0017		EA	2' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,719.22	260.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 13 13-0018	EA	3' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,380.57	362.02
33 44 13 13-0019	EA	4' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,918.91	470.63
33 44 13 13-0020	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,371.04	543.04
33 44 13 13-0021	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,278.08	695.08
33 44 13 13-0022		Precast Concrete Catch Basins *(33 44 13 13-0002)*		
		Note: Inside dimensions.		
33 44 13 13-0023		1'-6" Diameter Precast Catch Basins *(33 44 13 13-0022)*		
33 44 13 13-0024	EA	4' Deep, 1'-6" Diameter Precast Catch Basins	481.15	152.45
33 44 13 13-0025	EA	6' Deep, 1'-6" Diameter Precast Catch Basins	671.03	228.67
33 44 13 13-0026	EA	8' Deep, 1'-6" Diameter Precast Catch Basins	851.81	297.27
33 44 13 13-0027	EA	10' Deep, 1'-6" Diameter Precast Catch Basins	1,019.38	351.39
33 44 13 13-0028	EA	12' Deep, 1'-6" Diameter Precast Catch Basins	1,256.82	445.90
33 44 13 13-0029	EA	14' Deep, 1'-6" Diameter Precast Catch Basins	1,438.30	514.50
33 44 13 13-0030	VLF	Vertical Linear Foot Over 14' Deep, 1'-6" Diameter Precast Catch Basins	100.32	34.30
33 44 13 13-0031		2' Diameter Precast Catch Basins *(33 44 13 13-0022)*		
33 44 13 13-0032	EA	4' Deep, 2' Diameter Precast Catch Basin	547.82	169.60
33 44 13 13-0033	EA	6' Deep, 2' Diameter Precast Catch Basin	759.84	251.53
33 44 13 13-0034	EA	8' Deep, 2' Diameter Precast Catch Basin	960.73	331.57
33 44 13 13-0035	EA	10' Deep, 2' Diameter Precast Catch Basin	1,145.94	386.83
33 44 13 13-0036	EA	12' Deep, 2' Diameter Precast Catch Basin	1,421.62	495.45
33 44 13 13-0037	EA	14' Deep, 2' Diameter Precast Catch Basin	1,624.84	571.67
33 44 13 13-0038	VLF	Vertical Linear Foot Over 14' Deep, 2' Diameter Precast Catch Basin	113.36	41.16
33 44 13 13-0039		3' Diameter Precast Catch Basins *(33 44 13 13-0022)*		
33 44 13 13-0040	EA	4' Deep, 3' Diameter Precast Catch Basin	720.21	200.09
33 44 13 13-0041	EA	6' Deep, 3' Diameter Precast Catch Basin	985.59	295.74
33 44 13 13-0042	EA	8' Deep, 3' Diameter Precast Catch Basin	1,240.48	390.64
33 44 13 13-0043	EA	10' Deep, 3' Diameter Precast Catch Basin	1,544.89	487.82
33 44 13 13-0044	EA	12' Deep, 3' Diameter Precast Catch Basin	1,825.69	581.58
33 44 13 13-0045	EA	14' Deep, 3' Diameter Precast Catch Basin	2,097.15	676.86
33 44 13 13-0046	VLF	Vertical Linear Foot Over 14' Deep, 3' Diameter Precast Catch Basin	144.48	48.34
33 44 13 13-0047		4' Diameter Precast Catch Basins *(33 44 13 13-0022)*		
33 44 13 13-0048	EA	4' Deep, 4' Diameter Precast Catch Basin	869.03	222.57
33 44 13 13-0049	EA	6' Deep, 4' Diameter Precast Catch Basin	1,132.01	304.89
33 44 13 13-0050	EA	8' Deep, 4' Diameter Precast Catch Basin	1,521.51	457.34
33 44 13 13-0051	EA	10' Deep, 4' Diameter Precast Catch Basin	1,898.70	571.67
33 44 13 13-0052	EA	12' Deep, 4' Diameter Precast Catch Basin	2,245.52	686.01
33 44 13 13-0053	EA	14' Deep, 4' Diameter Precast Catch Basin	2,582.04	800.33
33 44 13 13-0054	VLF	Vertical Linear Foot Over 14' Deep, 4' Diameter Precast Catch Basin	177.46	57.17
33 44 13 13-0055		5' Diameter Precast Catch Basins *(33 44 13 13-0022)*		
33 44 13 13-0056	EA	4' Deep, 5' Diameter Precast Catch Basin	1,170.51	304.89
33 44 13 13-0057	EA	6' Deep, 5' Diameter Precast Catch Basin	1,607.06	457.34
33 44 13 13-0058	EA	8' Deep, 5' Diameter Precast Catch Basin	2,045.87	609.78
33 44 13 13-0059	EA	10' Deep, 5' Diameter Precast Catch Basin	2,503.60	762.22
33 44 13 13-0060	EA	12' Deep, 5' Diameter Precast Catch Basin	2,955.03	914.66
33 44 13 13-0061	EA	14' Deep, 5' Diameter Precast Catch Basin	3,440.19	1,067.11
33 44 13 13-0062	VLF	Vertical Linear Foot Over 14' Deep, 5' Diameter Precast Catch Basin	236.13	76.22
33 44 13 13-0063		6' Diameter Precast Catch Basins *(33 44 13 13-0022)*		
33 44 13 13-0064	EA	4' Deep, 6' Diameter Precast Catch Basin	1,714.00	457.34
33 44 13 13-0065	EA	6' Deep, 6' Diameter Precast Catch Basin	2,331.07	686.01
33 44 13 13-0066	EA	8' Deep, 6' Diameter Precast Catch Basin	2,989.91	914.66
33 44 13 13-0067	EA	10' Deep, 6' Diameter Precast Catch Basin	3,726.70	1,143.33
33 44 13 13-0068	EA	12' Deep, 6' Diameter Precast Catch Basin	4,442.10	1,372.00
33 44 13 13-0069	EA	14' Deep, 6' Diameter Precast Catch Basin	5,142.06	1,600.67
33 44 13 13-0070	VLF	Vertical Linear Foot Over 14' Deep, 6' Diameter Precast Catch Basin	352.05	114.33
33 44 13 13-0071		Precast Catch Basins Accessories *(33 44 13 13-0022)*		
33 44 13 13-0072	EA	Single Or Double Wing Slab Top With Throat	1,059.64	495.45
33 44 13 13-0073	EA	4' x 4' Weir Box, Precast Catch Basin	467.59	60.97
33 44 13 13-0074	EA	4' Diameter Inlet Round To Square Adapter, Precast Catch Basin	266.55	64.79
33 44 13 13-0075	EA	3' Diameter, Up To 6" High, Precast Extension Ring	333.92	95.28
		For Each Additional Inch In Height, Add	*39.76*	
33 44 13 13-0076	EA	4' Diameter, Up To 6" High, Precast Extension Ring	394.11	114.33
		For Each Additional Inch In Height, Add	*46.61*	
33 44 13 13-0077	EA	5' Diameter, Up To 6" High, Precast Extension Ring	459.66	133.39
		For Each Additional Inch In Height, Add	*54.40*	
33 44 13 13-0078	EA	6' Diameter, Up To 6" High, Precast Extension Ring	578.18	190.56
		For Each Additional Inch In Height, Add	*64.64*	
33 44 13 13-0079	EA	Adjust Existing Catch Basin Inlet Grate To Match Grade	457.30	
33 44 13 13-0080		Catch Basin Risers *(33 44 13 13-0022)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 13 13-0081	EA	Up To 860 Square Inch, Up to 2" Rise, Catch Basin Riser	271.87	
33 44 13 13-0082	EA	>860 To 1140 Square Inch, Up To 2" Rise, Catch Basin Riser	302.93	
33 44 13 13-0083	EA	>1140 Square Inch, Up To 2" Rise, Catch Basin Riser	339.84	
33 44 13 13-0084	EA	Up To 860 Square Inch, >2" To 3" Rise, Catch Basin Riser	292.60	
33 44 13 13-0085	EA	>860 To 1140 Square Inch, >2" To 3" Rise, Catch Basin Riser	325.75	
33 44 13 13-0086	EA	>1140 Square Inch, >2" To 3" Rise, Catch Basin Riser	366.65	
33 44 13 13-0087	EA	Up To 860 Square Inch, >3" To 4" Rise, Catch Basin Riser	323.40	
33 44 13 13-0088	EA	>860 To 1140 Square Inch, >3" To 4" Rise, Catch Basin Riser	352.87	
33 44 13 13-0089	EA	>1140 Square Inch, >3" To 4" Rise, Catch Basin Riser	393.91	
33 44 13 13-0090		Headwalls *(33 44 13 13-0001)*		
		Note: Excludes excavation and backfill. Select pipe with closest opening area for square or round culverts.		
33 44 13 13-0091		Cast In Place Concrete Headwalls *(33 44 13 13-0090)*		
33 44 13 13-0092		Skewed Wingwall, Cast In Place Concrete Headwall *(33 44 13 13-0091)*		
		Note: Sized by pipe diameter.		
33 44 13 13-0093	EA	12" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,256.07	488.73
33 44 13 13-0094	EA	15" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,366.62	521.32
33 44 13 13-0095	EA	18" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,803.14	682.85
33 44 13 13-0096	EA	24" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	2,664.36	977.46
33 44 13 13-0097	EA	30" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	3,602.40	1,303.28
33 44 13 13-0098	EA	36" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	4,426.86	1,717.86
33 44 13 13-0099	EA	42" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	5,975.05	2,369.58
33 44 13 13-0100	EA	48" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	7,096.94	2,792.71
33 44 13 13-0101	EA	54" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	8,547.48	3,399.90
33 44 13 13-0102	EA	60" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	10,282.77	4,115.61
33 44 13 13-0103		Precast Concrete Headwalls *(33 44 13 13-0090)*		
33 44 13 13-0104	EA	12" Pipe, Precast Concrete Headwall	472.56	129.10
33 44 13 13-0105	EA	15" Pipe, Precast Concrete Headwall	494.08	136.27
33 44 13 13-0106	EA	18" Pipe, Precast Concrete Headwall	545.99	154.92
33 44 13 13-0107	EA	24" Pipe, Precast Concrete Headwall	599.89	164.96
33 44 13 13-0108	EA	30" Pipe, Precast Concrete Headwall	774.17	193.65
33 44 13 13-0109	EA	36" Pipe, Precast Concrete Headwall	877.98	200.82
33 44 13 13-0110	EA	42" Pipe, Precast Concrete Headwall	1,117.64	230.40
33 44 13 13-0111	EA	48" Pipe, Precast Concrete Headwall	1,226.60	253.84
33 44 13 13-0112	EA	54" Pipe, Precast Concrete Headwall	1,347.63	268.77
33 44 13 13-0113	EA	60" Pipe, Precast Concrete Headwall	1,517.98	268.77
33 44 13 13-0114	EA	72" Pipe, Precast Concrete Headwall	1,798.94	335.96
33 44 13 13-0115	EA	84" Pipe, Precast Concrete Headwall	2,489.37	403.16
33 44 13 13-0116		Precast Concrete Wingwalls *(33 44 13 13-0090)*		
33 44 13 13-0117	EA	18" ID Pipe (26" Hole) Precast Concrete Wingwall	3,018.34	1,330.42
		Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 44 13 13-0118	EA	24" ID Pipe (32" Hole) Precast Concrete Wingwall	3,242.32	1,478.24
		Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 44 13 13-0119	EA	30" ID Pipe (42" Hole) Precast Concrete Wingwall	3,615.61	1,724.61
		Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 44 13 13-0120	EA	33" ID Pipe (46" Hole) Precast Concrete Wingwall	3,988.90	1,970.99
		Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.		
33 44 13 13-0121	EA	36" ID Pipe (50" Hole) Precast Concrete Wingwall	3,988.90	1,970.99
		Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 44 13 13-0122	EA	44" ID Pipe (58" Hole) Precast Concrete Wingwall	4,138.23	2,069.54
		Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 44 13 13-0123	EA	48" ID Pipe (62" Hole) Precast Concrete Wingwall	6,197.16	2,118.81
		Note: 12" thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 44 13 13-0124	EA	52" ID Pipe (66" Hole) Precast Concrete Wingwall	6,421.13	2,266.63
		Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.		
33 44 13 13-0125		Precast Concrete Transverse Drainage Interceptor *(33 44 13 13-0090)*		
33 44 13 13-0126	EA	34" x 48" x 28" Precast Concrete Transverse Drainage Interceptor With Frame And Grate	2,424.75	522.61
33 44 13 13-0127		Catch Basin Frames And Covers *(33 44 13 13-0001)*		
33 44 13 13-0128		Cast Iron Frames And Covers *(33 44 13 13-0127)*		
33 44 13 13-0129	EA	18" Diameter Cast Iron Catch Basin Frame And Cover	378.98	76.22
33 44 13 13-0130	EA	22" Diameter Cast Iron Catch Basin Frame And Cover	470.96	86.13
33 44 13 13-0131	EA	24" Diameter Cast Iron Catch Basin Frame And Cover	525.96	89.18
33 44 13 13-0132	EA	26" Diameter Cast Iron Catch Basin Frame And Cover	589.90	103.66
33 44 13 13-0133	EA	28" Diameter Cast Iron Catch Basin Frame And Cover	682.23	118.14
33 44 13 13-0134	EA	32" Diameter Cast Iron Catch Basin Frame And Cover	1,053.88	123.48
33 44 13 13-0135	EA	16" x 16" Cast Iron Catch Basin Frame And Cover	584.25	93.76
33 44 13 13-0136	EA	18" x 24" Cast Iron Catch Basin Frame And Cover	751.04	108.23
33 44 13 13-0137	EA	20" x 27" Cast Iron Catch Basin Frame And Cover	842.29	112.81
33 44 13 13-0138	EA	23" x 23" Cast Iron Catch Basin Frame And Cover	800.46	112.81
33 44 13 13-0139	EA	24" x 24" Cast Iron Catch Basin Frame And Cover	828.01	117.38
33 44 13 13-0140	EA	26" x 26" Cast Iron Catch Basin Frame And Cover	886.22	121.96
33 44 13 13-0141	EA	24" x 36" Cast Iron Catch Basin Frame And Cover	1,054.05	131.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 13 13-0142		Stainless Steel Frame And Cover *(33 44 13 13-0127)*		
33 44 13 13-0143	EA	24" x 24" Stainless Steel Catch Basin Cover With Filter And Access Cover Note: Swalegard Prefilter	4,451.54	131.11
33 44 13 13-0144		Curb Inlet Frames And Covers *(33 44 13 13-0001)*		
33 44 13 13-0145		Cast Iron Curb Inlet Frames And Covers *(33 44 13 13-0144)*		
33 44 13 13-0146	EA	20" x 22" Cast Iron Curb Inlet Frame And Cover	717.86	89.18
33 44 13 13-0147	EA	22" x 24" Cast Iron Curb Inlet Frame And Cover	769.22	103.66
33 44 13 13-0148	EA	24" x 24" Cast Iron Curb Inlet Frame And Cover	796.63	103.66
33 44 13 13-0149	EA	27" x 27" Cast Iron Curb Inlet Frame And Cover	872.76	121.96
33 44 13 13-0150	EA	36" x 24" Cast Iron Curb Inlet Frame And Cover	860.21	125.77
33 44 13 13-0151		Area Yard Drain *(33 44 13 13-0001)*		
33 44 13 13-0152		Ductile Iron Grates *(33 44 13 13-0151)* Note: Not for traffic loading.		
33 44 13 13-0153	EA	8" Diameter Ductile Iron Grate Adapter Necks Down To 4" and 6" Diameter Pipe	108.26	25.53
33 44 13 13-0154	EA	10" Diameter Ductile Iron Grate Adapters To 4", 6", or 8" Diameter Pipe	132.70	27.23
33 44 13 13-0155	EA	12" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	308.76	34.05
33 44 13 13-0156	EA	15" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	368.93	40.85
33 44 13 13-0157		CalTran Concrete Drainage Inlet Structurres *(33 44 13 13-0001)*		
33 44 13 13-0158		Type OS Concrete Drainage Inlet Structure *(33 44 13 13-0157)*		
33 44 13 13-0159	EA	3' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	1,829.82	
33 44 13 13-0160	EA	4' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,125.99	
33 44 13 13-0161	EA	5' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,401.04	
33 44 13 13-0162	EA	6' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,654.96	
33 44 13 13-0163	EA	7' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,887.75	
33 44 13 13-0164	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,099.43	
33 44 13 13-0165	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	4,217.44	
33 44 13 13-0166	EA	10' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	4,916.87	
33 44 13 13-0167	EA	12' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	5,562.55	
33 44 13 13-0168	EA	14' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	6,155.97	
33 44 13 13-0169	EA	16' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	6,727.29	
33 44 13 13-0170	EA	18' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	7,252.69	
33 44 13 13-0171	EA	20' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	7,732.18	
33 44 13 13-0172		Type OL-7 Concrete Drainage Inlet Structure *(33 44 13 13-0157)*		
33 44 13 13-0173	EA	3' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,491.66	
33 44 13 13-0174	EA	4' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,768.53	
33 44 13 13-0175	EA	5' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,024.27	
33 44 13 13-0176	EA	6' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,258.88	
33 44 13 13-0177	EA	7' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,471.61	
33 44 13 13-0178	EA	8' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,663.97	
33 44 13 13-0179	EA	8' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,748.76	
33 44 13 13-0180	EA	10' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,431.88	
33 44 13 13-0181	EA	12' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,061.21	
33 44 13 13-0182	EA	14' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,637.54	
33 44 13 13-0183	EA	16' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,194.72	
33 44 13 13-0184	EA	18' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,705.98	
33 44 13 13-0185	EA	20' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,171.34	
33 44 13 13-0186		Type OL-10 Concrete Drainage Inlet Structure *(33 44 13 13-0157)*		
33 44 13 13-0187	EA	3' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,101.60	
33 44 13 13-0188	EA	4' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,360.84	
33 44 13 13-0189	EA	5' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,598.19	
33 44 13 13-0190	EA	6' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,815.17	
33 44 13 13-0191	EA	7' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,010.26	
33 44 13 13-0192	EA	8' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,184.23	
33 44 13 13-0193	EA	8' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,280.11	
33 44 13 13-0194	EA	10' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,946.11	
33 44 13 13-0195	EA	12' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,559.87	
33 44 13 13-0196	EA	14' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,119.86	
33 44 13 13-0197	EA	16' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,662.15	
33 44 13 13-0198	EA	18' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,159.27	
33 44 13 13-0199	EA	20' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,609.73	
33 44 13 13-0200		Type OL-14 Concrete Drainage Inlet Structure *(33 44 13 13-0157)*		
33 44 13 13-0201	EA	3' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,971.09	
33 44 13 13-0202	EA	4' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,204.29	
33 44 13 13-0203	EA	5' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,416.38	
33 44 13 13-0204	EA	6' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,607.34	
33 44 13 13-0205	EA	7' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,777.17	
33 44 13 13-0206	EA	8' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,925.87	
33 44 13 13-0207	EA	8' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,032.82	
33 44 13 13-0208	EA	10' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,675.61	
33 44 13 13-0209	EA	12' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,265.42	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 13 13-0210	EA	14' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,802.20	
33 44 13 13-0211	EA	16' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,325.16	
33 44 13 13-0212	EA	18' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,801.44	
33 44 13 13-0213	EA	20' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,231.81	
33 44 13 13-0214		Type OL-21 Concrete Drainage Inlet Structure *(33 44 13 13-0157)*		
33 44 13 13-0215	EA	3' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,736.02	
33 44 13 13-0216	EA	4' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,917.47	
33 44 13 13-0217	EA	5' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,077.82	
33 44 13 13-0218	EA	6' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,217.03	
33 44 13 13-0219	EA	7' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,334.36	
33 44 13 13-0220	EA	8' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,431.32	
33 44 13 13-0221	EA	8' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,505.06	
33 44 13 13-0222	EA	10' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,102.13	
33 44 13 13-0223	EA	12' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,646.20	
33 44 13 13-0224	EA	14' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,137.27	
33 44 13 13-0225	EA	16' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,620.60	
33 44 13 13-0226	EA	18' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,057.25	
33 44 13 13-0227	EA	20' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,447.99	
33 44 13 13-0228		Type GOL-7 Concrete Drainage Inlet Structure *(33 44 13 13-0157)*		
33 44 13 13-0229	EA	3' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,023.73	
33 44 13 13-0230	EA	4' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,329.34	
33 44 13 13-0231	EA	5' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,610.70	
33 44 13 13-0232	EA	6' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,867.79	
33 44 13 13-0233	EA	7' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,101.42	
33 44 13 13-0234	EA	8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,311.53	
33 44 13 13-0235	EA	8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,490.43	
33 44 13 13-0236	EA	10' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,251.22	
33 44 13 13-0237	EA	12' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,952.43	
33 44 13 13-0238	EA	14' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,593.27	
33 44 13 13-0239	EA	16' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,213.93	
33 44 13 13-0240	EA	18' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,782.93	
33 44 13 13-0241	EA	20' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,299.54	
33 44 13 13-0242		Type GOL-10 Concrete Drainage Inlet Structure *(33 44 13 13-0157)*		
33 44 13 13-0243	EA	3' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,685.59	
33 44 13 13-0244	EA	4' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,971.12	
33 44 13 13-0245	EA	5' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,233.17	
33 44 13 13-0246	EA	6' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,471.72	
33 44 13 13-0247	EA	7' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,686.03	
33 44 13 13-0248	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,876.07	
33 44 13 13-0249	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,054.96	
33 44 13 13-0250	EA	10' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,797.98	
33 44 13 13-0251	EA	12' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,481.40	
33 44 13 13-0252	EA	14' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,105.23	
33 44 13 13-0253	EA	16' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,710.42	
33 44 13 13-0254	EA	18' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,263.99	
33 44 13 13-0255	EA	20' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,765.90	
33 44 13 13-0256		Type G-1 Concrete Drainage Inlet Structure *(33 44 13 13-0157)*		
33 44 13 13-0257	EA	3' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,232.86	
33 44 13 13-0258	EA	4' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,474.01	
33 44 13 13-0259	EA	5' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,697.47	
33 44 13 13-0260	EA	6' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,904.74	
33 44 13 13-0261	EA	7' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,095.84	
33 44 13 13-0262	EA	8' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,269.22	
33 44 13 13-0263		Type G-2 Concrete Drainage Inlet Structure *(33 44 13 13-0157)*		
33 44 13 13-0264	EA	3' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,700.04	
33 44 13 13-0265	EA	4' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,971.09	
33 44 13 13-0266	EA	5' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,222.84	
33 44 13 13-0267	EA	6' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,455.26	
33 44 13 13-0268	EA	7' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,668.39	
33 44 13 13-0269	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,861.44	
33 44 13 13-0270	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	3,874.29	
33 44 13 13-0271	EA	10' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,519.60	
33 44 13 13-0272	EA	12' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,116.18	
33 44 13 13-0273	EA	14' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,664.02	
33 44 13 13-0274	EA	16' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,191.52	
33 44 13 13-0275	EA	18' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,676.82	
33 44 13 13-0276	EA	20' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,119.18	
33 44 13 13-0277		Type G-3 Concrete Drainage Inlet Structure *(33 44 13 13-0157)*		
33 44 13 13-0278	EA	3' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,336.68	
33 44 13 13-0279	EA	4' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,574.48	
33 44 13 13-0280	EA	5' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,795.34	
33 44 13 13-0281	EA	6' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,000.01	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 13 13-0282	EA	7' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,186.99	
33 44 13 13-0283	EA	8' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,357.79	
33 44 13 13-0284		**Type G-4_24 Concrete Drainage Inlet Structure** *(33 44 13 13-0157)*		
33 44 13 13-0285	EA	3' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,648.13	
33 44 13 13-0286	EA	4' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,920.86	
33 44 13 13-0287	EA	5' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,174.28	
33 44 13 13-0288	EA	6' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,407.63	
33 44 13 13-0289	EA	7' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,622.42	
33 44 13 13-0290	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,817.16	
33 44 13 13-0291	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	3,852.15	
33 44 13 13-0292	EA	10' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,498.68	
33 44 13 13-0293	EA	12' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,095.71	
33 44 13 13-0294	EA	14' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,644.03	
33 44 13 13-0295	EA	16' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,171.88	
33 44 13 13-0296	EA	18' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,657.55	
33 44 13 13-0297	EA	20' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,101.03	
33 44 13 13-0298		**Type G-4_18 Concrete Drainage Inlet Structure** *(33 44 13 13-0157)*		
33 44 13 13-0299	EA	3' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,700.04	
33 44 13 13-0300	EA	4' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,971.09	
33 44 13 13-0301	EA	5' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,222.84	
33 44 13 13-0302	EA	6' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,455.26	
33 44 13 13-0303	EA	7' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,668.39	
33 44 13 13-0304	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,861.44	
33 44 13 13-0305	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	3,874.29	
33 44 13 13-0306	EA	10' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,519.60	
33 44 13 13-0307	EA	12' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,116.18	
33 44 13 13-0308	EA	14' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,664.02	
33 44 13 13-0309	EA	16' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,191.52	
33 44 13 13-0310	EA	18' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,676.82	
33 44 13 13-0311	EA	20' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,119.18	
33 44 13 13-0312		**Type G-5 Concrete Drainage Inlet Structure** *(33 44 13 13-0157)*		
33 44 13 13-0313	EA	3' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,323.70	
33 44 13 13-0314	EA	4' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,561.72	
33 44 13 13-0315	EA	5' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,783.57	
33 44 13 13-0316	EA	6' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,987.73	
33 44 13 13-0317	EA	7' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,175.68	
33 44 13 13-0318	EA	8' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,346.71	
33 44 13 13-0319		**Type G-6 Concrete Drainage Inlet Structure** *(33 44 13 13-0157)*		
33 44 13 13-0320	EA	3' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,349.64	
33 44 13 13-0321	EA	4' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,587.22	
33 44 13 13-0322	EA	5' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,807.85	
33 44 13 13-0323	EA	6' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,011.54	
33 44 13 13-0324	EA	7' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,198.28	
33 44 13 13-0325	EA	8' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,368.85	
33 44 13 13-0326		**Type GT1 Concrete Drainage Inlet Structure** *(33 44 13 13-0157)*		
33 44 13 13-0327	EA	3' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,258.06	
33 44 13 13-0328	EA	4' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,629.82	
33 44 13 13-0329	EA	5' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,000.46	
33 44 13 13-0330	EA	6' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,294.22	
33 44 13 13-0331	EA	7' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,586.12	
33 44 13 13-0332	EA	8' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,852.15	
33 44 13 13-0333		**Type GT2 Concrete Drainage Inlet Structure** *(33 44 13 13-0157)*		
33 44 13 13-0334	EA	3' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,738.24	
33 44 13 13-0335	EA	4' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,142.95	
33 44 13 13-0336	EA	5' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,517.84	
33 44 13 13-0337	EA	6' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,863.64	
33 44 13 13-0338	EA	7' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,179.61	
33 44 13 13-0339	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,466.50	
33 44 13 13-0340	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,977.48	
33 44 13 13-0341	EA	10' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,928.86	
33 44 13 13-0342	EA	12' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,807.27	
33 44 13 13-0343	EA	14' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,613.47	
33 44 13 13-0344	EA	16' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,390.88	
33 44 13 13-0345	EA	18' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,105.03	
33 44 13 13-0346	EA	20' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,755.94	
33 44 13 13-0347		**Type GT3 Concrete Drainage Inlet Structure** *(33 44 13 13-0157)*		
33 44 13 13-0348	EA	3' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,245.10	
33 44 13 13-0349	EA	4' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,617.07	
33 44 13 13-0350	EA	5' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,963.19	
33 44 13 13-0351	EA	6' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,282.69	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 13 13-0352	EA	7' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,574.81	
33 44 13 13-0353	EA	8' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,841.07	
33 44 13 13-0354		Type GT4 Concrete Drainage Inlet Structure *(33 44 13 13-0157)*		
33 44 13 13-0355	EA	3' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,829.08	
33 44 13 13-0356	EA	4' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,230.67	
33 44 13 13-0357	EA	5' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,603.19	
33 44 13 13-0358	EA	6' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,945.87	
33 44 13 13-0359	EA	7' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,259.46	
33 44 13 13-0360	EA	8' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,543.99	
33 44 13 13-0361	EA	8' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,988.54	
33 44 13 13-0362	EA	10' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,939.70	
33 44 13 13-0363	EA	12' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,817.88	
33 44 13 13-0364	EA	14' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,623.09	
33 44 13 13-0365	EA	16' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,400.32	
33 44 13 13-0366	EA	18' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,114.29	
33 44 13 13-0367	EA	20' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,765.00	
33 44 13 13-0368		Type GO Concrete Drainage Inlet Structure *(33 44 13 13-0157)*		
33 44 13 13-0369	EA	3' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	1,609.20	
33 44 13 13-0370	EA	4' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	1,870.63	
33 44 13 13-0371	EA	5' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,113.21	
33 44 13 13-0372	EA	6' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,336.94	
33 44 13 13-0373	EA	7' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,541.81	
33 44 13 13-0374	EA	8' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,728.60	
33 44 13 13-0375	EA	8' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	3,752.53	
33 44 13 13-0376	EA	10' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	4,378.65	
33 44 13 13-0377	EA	12' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	4,956.27	
33 44 13 13-0378	EA	14' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	5,486.94	
33 44 13 13-0379	EA	16' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	5,998.88	
33 44 13 13-0380	EA	18' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	6,468.68	
33 44 13 13-0381	EA	20' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	6,897.86	
33 44 13 13-0382		Type GDO Concrete Drainage Inlet Structure *(33 44 13 13-0157)*		
33 44 13 13-0383	EA	3' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,102.34	
33 44 13 13-0384	EA	4' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,445.98	
33 44 13 13-0385	EA	5' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,764.96	
33 44 13 13-0386	EA	6' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,060.03	
33 44 13 13-0387	EA	7' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,329.67	
33 44 13 13-0388	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,575.42	
33 44 13 13-0389	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	4,826.26	
33 44 13 13-0390	EA	10' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	5,633.23	
33 44 13 13-0391	EA	12' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	6,378.75	
33 44 13 13-0392	EA	14' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,063.56	
33 44 13 13-0393	EA	16' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,723.23	
33 44 13 13-0394	EA	18' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	8,329.64	
33 44 13 13-0395	EA	20' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	8,882.75	

33 44 16 Utility Trench Drains *(33 44)*

33 44 16 00-0001 Modular Trench Drains *(33 44 16)*
See CSI section 03 31 13 00-0008 for concrete.

33 44 16 00-0002 Modular Trench Drains *(33 44 16 00-0001)*
Note: Excludes grates. See CSI section 33 44 16 00-0096 for grates.

33 44 16 00-0003 6" Wide, Modular Trench Drains *(33 44 16 00-0002)*

33 44 16 00-0004 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 44 16 00-0003)*

33 44 16 00-0005 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 44 16 00-0004)*

33 44 16 00-0006	LF	6" Wide, High Density Polyethylene, Modular Trench Drain	75.56	12.19
		For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*29.64*	
		For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*59.29*	
		For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*94.86*	
		For Type 304 Stainless Steel Top Veneer Frame, Add	*23.72*	
		For Aluminum Veneer Bronze Anodized Frame, Add	*11.86*	

33 44 16 00-0007 Outlet Adapters For 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 44 16 00-0004)*

33 44 16 00-0008	EA	Closed End Cap For 6" Wide, High Density Polyethylene, Modular Trench Drains	36.59
33 44 16 00-0009	EA	No-Hub End Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains	44.20
33 44 16 00-0010	EA	No-Hub Bottom Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains	44.20

33 44 16 00-0011 Other Fittings For 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 44 16 00-0004)*

33 44 16 00-0012	EA	Bottom Dome Strainer For 6" Wide, High Density Polyethylene, Modular Trench Drains	60.05
33 44 16 00-0013	EA	Joint Connector For 6" Wide, High Density Polyethylene, Modular Trench Drains	60.05
33 44 16 00-0014	EA	90 Degree, 45 Degree, Tee Or Side Outlet Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains	275.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 16 00-0015	EA	Cross For 6" Wide, High Density Polyethylene, Modular Trench Drains	512.43	
33 44 16 00-0016	EA	Cutting Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains	59.29	
33 44 16 00-0017		6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 44 16 00-0003)*		
33 44 16 00-0018		6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 44 16 00-0017)*		
33 44 16 00-0019	LF	6" Wide, Fiber Reinforced Polyester, Modular Trench Drain	103.42	12.19
		For Black Acid Resistant Coated Frame, Add	*22.53*	
		For Galvanized Top Frame Assembly, Add	*22.53*	
		For Type 304 Stainless Steel Top Frame Assembly, Add	*83.01*	
33 44 16 00-0020		Outlet Adapters For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 44 16 00-0017)*		
33 44 16 00-0021	EA	Closed End Cap For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	38.97	
33 44 16 00-0022	EA	No-Hub End Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	46.58	
33 44 16 00-0023	EA	No-Hub Bottom Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	46.58	
33 44 16 00-0024		Other Fittings For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 44 16 00-0017)*		
33 44 16 00-0025	EA	Bottom Dome Strainer For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	60.05	
33 44 16 00-0026	EA	Joint Connector For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	60.05	
33 44 16 00-0027	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	275.27	
33 44 16 00-0028	EA	Cross For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	512.43	
33 44 16 00-0029	EA	Cutting Charge For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	59.29	
33 44 16 00-0030		6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 44 16 00-0003)*		
33 44 16 00-0031		6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 44 16 00-0030)*		
33 44 16 00-0032	LF	6" Wide, Vinylester Fiberglass, Modular Trench Drain	129.51	12.19
		For Black Acid Resistant Coated Frame, Add	*22.53*	
		For Galvanized Top Frame Assembly, Add	*22.53*	
		For Type 304 Stainless Steel Top Frame Assembly, Add	*83.01*	
33 44 16 00-0033		Outlet Adapters For 6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 44 16 00-0030)*		
33 44 16 00-0034	EA	Closed End Cap For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	57.94	
33 44 16 00-0035	EA	No-Hub End Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	65.55	
33 44 16 00-0036	EA	No-Hub Bottom Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	65.55	
33 44 16 00-0037		Other Fittings For 6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 44 16 00-0030)*		
33 44 16 00-0038	EA	Bottom Dome Strainer For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	60.05	
33 44 16 00-0039	EA	Joint Connector For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	60.05	
33 44 16 00-0040	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	275.27	
33 44 16 00-0041	EA	Cross For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	512.43	
33 44 16 00-0042	EA	Cutting Charge For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	59.29	
33 44 16 00-0043		12" Wide, Modular Trench Drains *(33 44 16 00-0002)*		
33 44 16 00-0044		12" Wide, High Density Polyethylene, Modular Trench Drains *(33 44 16 00-0043)*		
33 44 16 00-0045		12" Wide, High Density Polyethylene, Modular Trench Drains *(33 44 16 00-0044)*		
33 44 16 00-0046	LF	12" Wide, High Density Polyethylene, Modular Trench Drain	134.32	16.77
		For Acid Resistant Coated Top Frame, Add	*30.83*	
		For Galvanized Welded Frame Assembly, Add	*32.31*	
		For Type 304 Stainless Steel Top Frame, Add	*184.98*	
33 44 16 00-0047		Outlet Adapters For 12" Wide, High Density Polyethylene, Modular Trench Drains *(33 44 16 00-0044)*		
33 44 16 00-0048	EA	End Cap For 12" Wide, High Density Polyethylene, Modular Trench Drains	68.94	
33 44 16 00-0049	EA	No-Hub End Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	79.11	
33 44 16 00-0050	EA	No-Hub Bottom Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	79.11	
33 44 16 00-0051		Other Fittings For 12" Wide, High Density Polyethylene, Modular Trench Drains *(33 44 16 00-0044)*		
33 44 16 00-0052	EA	Bottom Dome Strainer For 12" Wide, High Density Polyethylene, Modular Trench Drains	104.57	
33 44 16 00-0053	EA	Joint Connector For 12" Wide, High Density Polyethylene, Modular Trench Drains	134.21	
33 44 16 00-0054	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	532.95	
33 44 16 00-0055	EA	Cross For 12" Wide, High Density Polyethylene, Modular Trench Drains	1,007.27	
33 44 16 00-0056	EA	Cutting Charges For 12" Wide, High Density Polyethylene, Modular Trench Drains	118.58	
33 44 16 00-0057		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 44 16 00-0043)*		
33 44 16 00-0058		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 44 16 00-0057)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 16 00-0059	LF	12" Wide, Fiber Reinforced Polyester, Modular Trench Drain	163.97	16.77
		For Acid Resistant Coated Top Frame, Add	*30.83*	
		For Galvanized Welded Frame Assembly, Add	*32.31*	
		For Type 304 Stainless Steel Top Frame, Add	*184.98*	

33 44 16 00-0060 Outlet Adapters For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 44 16 00-0057)*

33 44 16 00-0061	EA	End Cap For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	71.31	
33 44 16 00-0062	EA	No-Hub End Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	81.48	
33 44 16 00-0063	EA	No-Hub Bottom Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	81.48	

33 44 16 00-0064 Other Fittings For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 44 16 00-0057)*

33 44 16 00-0065	EA	Bottom Dome Strainer For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	104.57	
33 44 16 00-0066	EA	Joint Connector For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	134.21	
33 44 16 00-0067	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	532.95	
33 44 16 00-0068	EA	Cross For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	1,007.27	
33 44 16 00-0069	EA	Cutting Charges For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	118.58	

33 44 16 00-0070 12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 44 16 00-0043)*

33 44 16 00-0071 12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 44 16 00-0070)*

33 44 16 00-0072	LF	12" Wide, Vinylester Fiberglass, Modular Trench Drain	223.26	16.77
		For Acid Resistant Coated Top Frame, Add	*30.83*	
		For Galvanized Welded Frame Assembly, Add	*32.31*	
		For Type 304 Stainless Steel Top Frame, Add	*184.98*	

33 44 16 00-0073 Outlet Adapters For 12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 44 16 00-0070)*

33 44 16 00-0074	EA	End Cap For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	160.24	
33 44 16 00-0075	EA	No-Hub End Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	170.41	
33 44 16 00-0076	EA	No-Hub Bottom Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	170.41	

33 44 16 00-0077 Other Fittings For 12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 44 16 00-0070)*

33 44 16 00-0078	EA	Bottom Dome Strainer For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	104.57	
33 44 16 00-0079	EA	Joint Connector For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	134.21	
33 44 16 00-0080	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	532.95	
33 44 16 00-0081	EA	Cross For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	1,007.27	
33 44 16 00-0082	EA	Cutting Charges For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	118.58	

33 44 16 00-0083 23" Wide, Modular Trench Drains *(33 44 16 00-0002)*

33 44 16 00-0084 23" Wide, High Density Polyethylene, Modular Trench Drains *(33 44 16 00-0083)*

33 44 16 00-0085 23" Wide, High Density Polyethylene, Modular Trench Drains *(33 44 16 00-0084)*

33 44 16 00-0086	LF	23" Wide, High Density Polyethylene, Modular Trench Drain	187.02	22.86
		For Acid Resistant Coated Frame, Add	*46.25*	
		For Galvanized Frame Assembly, Add	*46.25*	
		For Type 304 Stainless Steel Top Frame, Add	*284.59*	

33 44 16 00-0087 Outlet Adapters For 23" Wide, High Density Polyethylene, Modular Trench Drains *(33 44 16 00-0084)*

33 44 16 00-0088	EA	End Cap For 23" Wide, High Density Polyethylene, Modular Trench Drains	197.87	
33 44 16 00-0089	EA	No-Hub End Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	304.91	
33 44 16 00-0090	EA	No-Hub Bottom Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	304.91	

33 44 16 00-0091 Other Fittings For 23" Wide, High Density Polyethylene, Modular Trench Drains *(33 44 16 00-0084)*

33 44 16 00-0092	EA	Bottom Dome Strainer For 23" Wide, High Density Polyethylene, Modular Trench Drains	230.38	
33 44 16 00-0093	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	1,043.91	
33 44 16 00-0094	EA	Cross For 23" Wide, High Density Polyethylene, Modular Trench Drains	1,992.55	
33 44 16 00-0095	EA	Cutting Charges For 23" Wide, High Density Polyethylene, Modular Trench Drains	237.16	

33 44 16 00-0096 Modular Trench Drain Grates *(33 44 16 00-0001)*

33 44 16 00-0097 6" Wide, Modular Trench Drain Grates *(33 44 16 00-0096)*

33 44 16 00-0098	LF	6" Wide, Galvanized Ductile Iron Cast Bar, Modular Trench Drain Grate	60.73	2.28
33 44 16 00-0099	LF	6" Wide, Ductile Iron Cast Bar, Modular Trench Drain Grate	51.78	2.28
33 44 16 00-0100	LF	6" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	54.27	2.28
33 44 16 00-0101	LF	6" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	47.68	2.28
33 44 16 00-0102	LF	6" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	51.24	2.28
33 44 16 00-0103	LF	6" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	51.83	2.28
33 44 16 00-0104	LF	6" Wide, Ductile Iron Longitudinal Slotted, Modular Trench Drain Grate	51.83	2.28
33 44 16 00-0105	LF	6" Wide, Galvanized Cast Iron Slotted, Modular Trench Drain Grate	51.24	2.28
33 44 16 00-0106	LF	6" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate	45.31	2.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 16 00-0107	LF	6" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	45.31	2.28
33 44 16 00-0108	LF	6" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	48.04	2.28
33 44 16 00-0109	LF	6" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	48.04	2.28
33 44 16 00-0110	LF	6" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	61.91	2.28
33 44 16 00-0111	LF	6" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	61.91	2.28
33 44 16 00-0112	LF	6" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	111.72	2.28
33 44 16 00-0113	LF	6" Wide, Reinforced Perforated Stainless Steel, Modular Trench Drain Grate	111.72	2.28
33 44 16 00-0114	LF	6" Wide, Stainless Steel Bar, Modular Trench Drain Grate	307.37	2.28
33 44 16 00-0115	LF	6" Wide, Heel Proof Polyethylene, Modular Trench Drain Grate	42.94	2.28
33 44 16 00-0116	LF	6" Wide, Fiberglass, Modular Trench Drain Grate	90.37	2.28
33 44 16 00-0117		12" Wide, Modular Trench Drain Grates *(33 44 16 00-0096)*		
33 44 16 00-0118	LF	12" Wide, Black Acid Resistant Coated Ductile Iron, Modular Trench Drain Grate	164.27	2.47
33 44 16 00-0119	LF	12" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	157.16	2.47
33 44 16 00-0120	LF	12" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	137.00	2.47
33 44 16 00-0121	LF	12" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	143.82	2.47
33 44 16 00-0122	LF	12" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	124.55	2.47
33 44 16 00-0123	LF	12" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	241.65	2.47
33 44 16 00-0124	LF	12" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	241.65	2.47
33 44 16 00-0125	LF	12" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	307.75	2.47
33 44 16 00-0126	LF	12" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	307.75	2.47
33 44 16 00-0127	LF	12" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	392.24	2.47
33 44 16 00-0128	LF	12" Wide, Reinforced Perforated Stainless Steel Slotted, Modular Trench Drain Grate	392.24	2.47
33 44 16 00-0129	LF	12" Wide, Stainless Steel Cast Bar, Modular Trench Drain Grate	372.38	2.47
33 44 16 00-0130	LF	12" Wide, Fiberglass, Modular Trench Drain Grate	177.02	2.47
33 44 16 00-0131		23" Wide, Modular Trench Drain Grates *(33 44 16 00-0096)*		
33 44 16 00-0132	LF	23" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	258.33	2.66
33 44 16 00-0133	LF	23" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	218.01	2.66
33 44 16 00-0134	LF	23" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	336.59	2.66
33 44 16 00-0135	LF	23" Wide, Heel Proof Longitudinal Ductile Iron, Modular Trench Drain Grate	250.03	2.66

33 44 19 Utility Oil and Gas Separators *(33 44)*

33 44 19 00-0001 Oil/Water Separator *(33 44 19)*
Note: Complete with internal sensors and detectors.

33 44 19 00-0002 Coalescing Oil Water Separator *(33 44 19 00-0001)*
Note: Underground tank with interior polyurethane coating. Includes manways, coalescer, inlet and outlet spools, pump mount, 2" level sensor pipe and 4" pump out pipe. HighGuard as manufactured by Highland Tank, Stoystown, PA.

33 44 19 00-0003 Single Wall Steel Coalescing Oil Water Separator *(33 44 19 00-0002)*

33 44 19 00-0004	EA	550 Gallon, 55 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	10,902.34
		For Interior Polyurethane Coating, Add	*711.00*
33 44 19 00-0005	EA	1000 Gallon, 100 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 1000. 4' diameter x 14' long tank.	12,902.11
		For Interior Polyurethane Coating, Add	*893.70*
33 44 19 00-0006	EA	2000 Gallon, 200 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	15,054.98
		For Interior Polyurethane Coating, Add	*1,340.10*

33 44 19 00-0007 Double Wall Steel Coalescing Oil Water Separator *(33 44 19 00-0002)*

33 44 19 00-0008	EA	550 Gallon, 55 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	15,850.82
		For Interior Polyurethane Coating, Add	*711.00*
33 44 19 00-0009	EA	1000 Gallon, 100 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 1000. 4' diameter x 14' long tank.	17,932.80
		For Interior Polyurethane Coating, Add	*893.70*
33 44 19 00-0010	EA	2000 Gallon, 200 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	21,477.65
		For Interior Polyurethane Coating, Add	*1,340.10*
33 44 19 00-0011	EA	3000 Gallon, 300 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 3000. 5'-4" diameter x 21'-4" long tank.	24,686.99
		For Interior Polyurethane Coating, Add	*1,550.70*
33 44 19 00-0012	EA	5000 Gallon, 500 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 5000. 6' diameter x 28'-8" long tank.	31,986.39
		For Interior Polyurethane Coating, Add	*2,057.80*

33 44 19 00-0013 Accessories For Coalescing Oil Water Separators *(33 44 19 00-0002)*

33 44 19 00-0014	EA	Single Channel Alarm Panel For Coalescing Oil Water Separator Note: HTAP1.	614.24
33 44 19 00-0015	EA	Two Channel Alarm Panel For Coalescing Oil Water Separator Note: HTAP2.	830.20
33 44 19 00-0016	EA	Float Interface Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	481.87
33 44 19 00-0017	EA	1-1/2" Liquid Only Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	362.04
33 44 19 00-0018	EA	PVC Cap For 2" Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	137.37
33 44 19 00-0019	EA	550, 1000 Or 2000 Gallon Tank Concrete Deadmen Set (2 Each) For Coalescing Oil Water Separator	2,035.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 19 00-0020	EA	3000 Gallon Tank Concrete Deadmen Set (4 Each) For Coalescing Oil Water Separator	4,070.70	
33 44 19 00-0021	EA	5000 Gallon Tank Concrete Deadmen Set (6 Each) For Coalescing Oil Water Separator	6,106.12	
33 44 19 00-0022	EA	550 Or 1000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	393.11	
33 44 19 00-0023	EA	2000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	457.02	
33 44 19 00-0024	EA	3000 Gallon Tank Polyester Hold Down Straps (4 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	914.02	
33 44 19 00-0025	EA	5000 Gallon Tank Polyester Hold Down Straps (6 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	1,970.19	
33 44 19 00-0026	EA	30" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	542.90	
33 44 19 00-0027	EA	36" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	700.37	
33 44 19 00-0028	EA	48" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	957.71	
33 44 19 00-0029	EA	54" x 54" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,704.62	
33 44 19 00-0030	EA	66" x 54" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	2,177.93	
33 44 19 00-0031	EA	66" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	2,721.15	
33 44 19 00-0032	EA	78" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	3,418.13	
33 44 19 00-0033	EA	550 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	666.03	
33 44 19 00-0034	EA	1000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	811.82	
33 44 19 00-0035	EA	2000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,275.15	
33 44 19 00-0036	EA	550 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	635.08	
33 44 19 00-0037	EA	1000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	770.88	
33 44 19 00-0038	EA	2000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	914.67	
33 44 19 00-0039	EA	18" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	53.92	
33 44 19 00-0040	EA	24" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	60.91	

33 44 19 00-0041 Oil Skimmers *(33 44 19)*

33 44 19 00-0042 Oil Skimmers, 12" And 24" Models *(33 44 19 00-0041)*

33 44 19 00-0043	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 230/460 V, 3 Phase	4,550.33	438.05
33 44 19 00-0044	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 230/460 V, 3 Phase	4,775.41	438.05
33 44 19 00-0045	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 115/220 V, 1 Phase	4,571.17	438.05
33 44 19 00-0046	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 115/220 V, 1 Phase	4,859.81	438.05
33 44 19 00-0047	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 230/460 V, 3 Phase	4,807.71	438.05
33 44 19 00-0048	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 230/460 V, 3 Phase	4,998.40	438.05
33 44 19 00-0049	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 115/220 V, 1 Phase	4,856.69	438.05
33 44 19 00-0050	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 115/220 V, 1 Phase	5,144.29	438.05
33 44 19 00-0051	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 230/460 V, 3 Phase	5,084.30	584.18
33 44 19 00-0052	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 230/460 V, 3 Phase	5,325.01	584.18
33 44 19 00-0053	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 115/220 V, 1 Phase	5,147.86	584.18
33 44 19 00-0054	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 115/220 V, 1 Phase	5,493.82	584.18
33 44 19 00-0055	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 230/460 V, 3 Phase	5,692.85	584.18
33 44 19 00-0056	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 230/460 V, 3 Phase	5,933.56	584.18
33 44 19 00-0057	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 115/220 V, 1 Phase	5,743.91	584.18
33 44 19 00-0058	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 115/220 V, 1 Phase	6,090.91	584.18

33 44 19 00-0059 Oil Skimmers, Add-Ons *(33 44 19 00-0041)*

33 44 19 00-0060	LF	Add For Belt Projection, 12" Width	15.63
33 44 19 00-0061	LF	Add For Belt Projection, 24" Width	29.18
33 44 19 00-0062	LF	Add For Spacer Stands, 12" Models	227.22
33 44 19 00-0063	LF	Add For Spacer Stands, 24" Models	273.07

33 46 Subdrainage *(33 40)*

33 46 16 Subdrainage Piping *(33 46)*

See CSI section 33 41 13 00-0166 for polyethylene drain pipe.

33 46 16 00-0001 Perforated PVC Drainage Piping, D2729 *(33 46 16)*

Note: Includes fittings, couplings, elbows, etc.

33 46 16 00-0002	LF	4" Perforated PVC Drainage Piping	4.71	3.44
33 46 16 00-0003	LF	6" Perforated PVC Drainage Piping	6.30	4.12
33 46 16 00-0004	LF	8" Perforated PVC Drainage Piping	9.23	5.15
33 46 16 00-0005	LF	10" Perforated PVC Drainage Piping	14.05	5.90
33 46 16 00-0006	LF	12" Perforated PVC Drainage Piping	17.80	6.88
33 46 16 00-0007	LF	15" Perforated PVC Drainage Piping	26.78	8.25

33 46 16 00-0008 Perforated Non Reinforced Concrete Drainage Piping, C444 *(33 46 16)*

33 46 16 00-0009	LF	6" Perforated Non Reinforced Concrete Drainage Pipe	16.85	4.30
		For Extra Strength, Add	*0.92*	
		For >1000, Deduct	*-0.84*	
33 46 16 00-0010	LF	8" Perforated Non Reinforced Concrete Drainage Pipe	19.50	5.02
		For Extra Strength, Add	*1.13*	
		For >1000, Deduct	*-0.98*	
33 46 16 00-0011	LF	10" Perforated Non Reinforced Concrete Drainage Pipe	22.05	5.74
		For Extra Strength, Add	*1.31*	
		For >1000, Deduct	*-1.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 46 16 00-0012	LF	12" Perforated Non Reinforced Concrete Drainage Pipe	26.09	7.17
		For Extra Strength, Add	*1.65*	
		For >1000, Deduct	*-1.30*	

33 46 16 00-0013 Extra Strength Porous Non Reinforced Concrete Drainage Piping, C654 *(33 46 16)*

Note: Bell and spigot or tongue and groove. With seals and gaskets.

33 46 16 00-0014	LF	6" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	17.86	9.04
		For >1000, Deduct	*-0.89*	
33 46 16 00-0015	LF	8" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	19.79	10.04
		For >1000, Deduct	*-0.99*	
33 46 16 00-0016	LF	10" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	21.82	11.05
		For >1000, Deduct	*-1.09*	
33 46 16 00-0017	LF	12" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	24.65	11.47
		For >1000, Deduct	*-1.23*	
33 46 16 00-0018	LF	15" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	28.36	12.91
		For >1000, Deduct	*-1.42*	
33 46 16 00-0019	LF	18" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	35.16	16.49
		For >1000, Deduct	*-1.76*	
33 46 16 00-0020	LF	21" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	44.01	21.16
		For >1000, Deduct	*-2.20*	
33 46 16 00-0021	LF	24" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	53.61	25.82
		For >1000, Deduct	*-2.68*	

33 46 16 00-0022 Standard Strength Porous Non Reinforced Concrete Drainage Piping, C654 *(33 46 16)*

33 46 16 00-0023	LF	6" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	13.08	4.30
		For >1000, Deduct	*-0.65*	
33 46 16 00-0024	LF	8" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	16.37	5.02
		For >1000, Deduct	*-0.82*	
33 46 16 00-0025	LF	10" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	20.66	5.74
		For >1000, Deduct	*-1.03*	
33 46 16 00-0026	LF	12" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	30.40	11.47
		For >1000, Deduct	*-1.52*	
33 46 16 00-0027	LF	15" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	34.63	12.91
		For >1000, Deduct	*-1.73*	
33 46 16 00-0028	LF	18" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	44.57	16.49
		For >1000, Deduct	*-2.23*	

33 46 16 00-0029 Aluminum, Perforated Corrugated Metal Drainage Piping *(33 46 16)*

33 46 16 00-0030	LF	6" 18 Gauge, Aluminum, Perforated Corrugated Metal Drainage Pipe	14.30	4.30
		For Galvanized, Add	*1.43*	
		For Steel, Add	*0.43*	
33 46 16 00-0031	LF	8" 16 Gauge, Aluminum, Perforated Corrugated Metal Drainage Pipe	17.00	5.38
		For Galvanized, Add	*1.64*	
		For Steel, Add	*0.49*	
33 46 16 00-0032	LF	10" 16 Gauge, Aluminum, Perforated Corrugated Metal Drainage Pipe	20.25	6.46
		For Galvanized, Add	*1.75*	
		For Steel, Add	*0.53*	
33 46 16 00-0033	LF	12" 16 Gauge, Aluminum, Perforated Corrugated Metal Drainage Pipe	24.41	7.54
		For Galvanized, Add	*2.19*	
		For Steel, Add	*0.66*	
33 46 16 00-0034	LF	15" 16 Gauge, Aluminum, Perforated Corrugated Metal Drainage Pipe	23.00	7.89
		For Galvanized, Add	*1.70*	
		For Steel, Add	*0.51*	
33 46 16 00-0035	LF	18" 16 Gauge, Aluminum, Perforated Corrugated Metal Drainage Pipe	30.81	8.60
		For Galvanized, Add	*3.51*	
		For Steel, Add	*1.05*	

33 46 16 00-0036 Perforated Vitrified Clay Drainage Piping, C700 *(33 46 16)*

33 46 16 00-0037	LF	4" Perforated Vitrified Clay Drainage Pipe	11.47	5.74
33 46 16 00-0038	LF	6" Perforated Vitrified Clay Drainage Pipe	15.00	5.74
33 46 16 00-0039	LF	8" Perforated Vitrified Clay Drainage Pipe	17.20	5.74
33 46 16 00-0040	LF	10" Perforated Vitrified Clay Drainage Pipe	20.87	5.74
33 46 16 00-0041	LF	12" Perforated Vitrified Clay Drainage Pipe	24.93	5.74

33 46 16 00-0042 Geotextile Filter Fabric Sock *(33 46 16)*

33 46 16 00-0043	LF	3" Geotextile Filter Fabric Sock	0.52	
33 46 16 00-0044	LF	4" Geotextile Filter Fabric Sock	0.68	
33 46 16 00-0045	LF	6" Geotextile Filter Fabric Sock	1.04	
33 46 16 00-0046	LF	8" Geotextile Filter Fabric Sock	1.39	
33 46 16 00-0047	LF	10" Geotextile Filter Fabric Sock	2.00	
33 46 16 00-0048	LF	12" Geotextile Filter Fabric Sock	2.69	
33 46 16 00-0049	LF	15" Geotextile Filter Fabric Sock	3.15	

33 46 23 Underslab Drainage *(33 46)*

33 46 23 00-0001 Capillary Water Barrier Underslab Drainage *(33 46 23)*

Note: Consists of a layer of fine granular material overlying a coarse layer.

33 46 23 00-0002	CY	2" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	25.25	
33 46 23 00-0003	CY	4" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	23.34	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 46 23 00-0004	CY	6" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	22.57	
33 46 23 00-0005	CY	8" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	21.43	

33 50 Fuel Distribution Utilities *(33)*

33 51 Natural-Gas Distribution *(33 50)*

33 51 13 Natural-Gas Piping *(33 51)*

See CSI section 23 05 23 00-0000 for gas valves.

33 51 13 13 Gas Distribution Lines *(33 51 13)*

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 51 13 13-0001 High Density Polyethylene (HDPE) Pressure Piping *(33 51 13 13)*

Note: ASTM D3350 pipe, ASTM D2657 heat fusion.

33 51 13 13-0002 HDPE Pressure Pipe *(33 51 13 13-0001)*

33 51 13 13-0003	LF	3" DR 21, Butt Fusion Joint HDPE Pressure Pipe	12.31	3.85
		For DR 17, Add	*0.17*	
		For DR 15.5, Add	*0.25*	
		For DR 13.5, Add	*0.39*	
		For DR 11, Add	*0.62*	
33 51 13 13-0004	LF	4" DR 21, Butt Fusion Joint HDPE Pressure Pipe	14.42	4.20
		For DR 26, Deduct	*-0.34*	
		For DR 17, Add	*0.41*	
		For DR 15.5, Add	*0.60*	
		For DR 13.5, Add	*0.93*	
		For DR 11, Add	*1.50*	
33 51 13 13-0005	LF	6" DR 21, Butt Fusion Joint HDPE Pressure Pipe	17.46	4.49
		For DR 26, Deduct	*-0.73*	
		For DR 17, Add	*0.88*	
		For DR 15.5, Add	*1.30*	
		For DR 13.5, Add	*2.02*	
		For DR 11, Add	*3.25*	
33 51 13 13-0006	LF	8" DR 21, Butt Fusion Joint HDPE Pressure Pipe	20.84	4.70
		For DR 26, Deduct	*-1.24*	
		For DR 17, Add	*1.50*	
		For DR 15.5, Add	*2.20*	
		For DR 13.5, Add	*3.43*	
		For DR 11, Add	*5.53*	
33 51 13 13-0007	LF	10" DR 21, Butt Fusion Joint HDPE Pressure Pipe	24.79	4.77
		For DR 26, Deduct	*-1.92*	
		For DR 17, Add	*2.33*	
		For DR 15.5, Add	*3.42*	
		For DR 13.5, Add	*5.33*	
		For DR 11, Add	*8.58*	
33 51 13 13-0008	LF	12" DR 21, Butt Fusion Joint HDPE Pressure Pipe	29.87	5.00
		For DR 26, Deduct	*-2.78*	
		For DR 17, Add	*3.36*	
		For DR 15.5, Add	*4.93*	
		For DR 13.5, Add	*7.69*	
		For DR 11, Add	*12.38*	
33 51 13 13-0009	LF	14" DR 21, Butt Fusion Joint HDPE Pressure Pipe	34.29	5.50
		For DR 26, Deduct	*-3.26*	
		For DR 17, Add	*3.96*	
		For DR 15.5, Add	*5.79*	
		For DR 13.5, Add	*9.04*	
		For DR 11, Add	*14.55*	
33 51 13 13-0010	LF	16" DR 21, Butt Fusion Joint HDPE Pressure Pipe	41.40	6.06
		For DR 26, Deduct	*-4.26*	
		For DR 17, Add	*5.17*	
		For DR 15.5, Add	*7.57*	
		For DR 13.5, Add	*11.81*	
		For DR 11, Add	*19.02*	
33 51 13 13-0011	LF	18" DR 21, Butt Fusion Joint HDPE Pressure Pipe	49.03	6.55
		For DR 26, Deduct	*-5.39*	
		For DR 17, Add	*6.53*	
		For DR 15.5, Add	*9.56*	
		For DR 13.5, Add	*14.93*	
		For DR 11, Add	*24.03*	
33 51 13 13-0012	LF	20" DR 21, Butt Fusion Joint HDPE Pressure Pipe	46.19	7.18
		For DR 26, Deduct	*-4.50*	
		For DR 17, Add	*5.46*	
		For DR 15.5, Add	*8.00*	
		For DR 13.5, Add	*12.48*	
		For DR 11, Add	*20.09*	
33 51 13 13-0013	LF	24" DR 21, Butt Fusion Joint HDPE Pressure Pipe	75.87	7.87
		For DR 26, Deduct	*-9.59*	
		For DR 17, Add	*11.62*	
		For DR 15.5, Add	*17.02*	
		For DR 13.5, Add	*26.56*	
		For DR 11, Add	*42.76*	

33 51 13 13-0014 90 Degree Elbows, HDPE Pressure Piping *(33 51 13 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 51 13 13-0015	EA	3" 90 Degree Elbow, DR 21 HDPE Pressure Piping	49.45	10.71
		For DR 26, Deduct	*-3.17*	
		For DR 17, Add	*3.85*	
		For DR 15.5, Add	*5.63*	
		For DR 13.5, Add	*8.79*	
		For DR 11, Add	*14.15*	
33 51 13 13-0016	EA	4" 90 Degree Elbow, DR 21 HDPE Pressure Piping	56.32	11.92
		For DR 26, Deduct	*-3.78*	
		For DR 17, Add	*4.58*	
		For DR 15.5, Add	*6.71*	
		For DR 13.5, Add	*10.47*	
		For DR 11, Add	*16.86*	
33 51 13 13-0017	EA	6" 90 Degree Elbow, DR 21 HDPE Pressure Piping	95.64	13.61
		For DR 26, Deduct	*-10.06*	
		For DR 17, Add	*12.19*	
		For DR 15.5, Add	*17.85*	
		For DR 13.5, Add	*27.86*	
		For DR 11, Add	*44.85*	
33 51 13 13-0018	EA	8" 90 Degree Elbow, DR 21 HDPE Pressure Piping	162.31	15.89
		For DR 26, Deduct	*-21.02*	
		For DR 17, Add	*25.48*	
		For DR 15.5, Add	*37.32*	
		For DR 13.5, Add	*58.25*	
		For DR 11, Add	*93.75*	
33 51 13 13-0019	EA	10" 90 Degree Elbow, DR 21 HDPE Pressure Piping	254.89	21.22
		For DR 26, Deduct	*-35.08*	
		For DR 17, Add	*42.53*	
		For DR 15.5, Add	*62.28*	
		For DR 13.5, Add	*97.21*	
		For DR 11, Add	*156.47*	
33 51 13 13-0020	EA	12" 90 Degree Elbow, DR 21 HDPE Pressure Piping	375.48	31.74
		For DR 26, Deduct	*-51.38*	
		For DR 17, Add	*62.28*	
		For DR 15.5, Add	*91.20*	
		For DR 13.5, Add	*142.35*	
		For DR 11, Add	*229.13*	
33 51 13 13-0021	EA	14" 90 Degree Elbow, DR 21 HDPE Pressure Piping	461.15	42.36
		For DR 26, Deduct	*-61.24*	
		For DR 17, Add	*74.24*	
		For DR 15.5, Add	*108.72*	
		For DR 13.5, Add	*169.70*	
		For DR 11, Add	*273.14*	
33 51 13 13-0022	EA	16" 90 Degree Elbow, DR 21 HDPE Pressure Piping	590.51	63.49
		For DR 26, Deduct	*-73.34*	
		For DR 17, Add	*88.91*	
		For DR 15.5, Add	*130.20*	
		For DR 13.5, Add	*203.22*	
		For DR 11, Add	*327.10*	
33 51 13 13-0023	EA	18" 90 Degree Elbow, DR 21 HDPE Pressure Piping	758.77	71.42
		For DR 26, Deduct	*-99.81*	
		For DR 17, Add	*120.99*	
		For DR 15.5, Add	*177.18*	
		For DR 13.5, Add	*276.55*	
		For DR 11, Add	*445.13*	
33 51 13 13-0024	EA	20" 90 Degree Elbow, DR 21 HDPE Pressure Piping	1,064.48	81.06
		For DR 26, Deduct	*-150.09*	
		For DR 17, Add	*181.94*	
		For DR 15.5, Add	*266.44*	
		For DR 13.5, Add	*415.87*	
		For DR 11, Add	*669.38*	
33 51 13 13-0025	EA	24" 90 Degree Elbow, DR 21 HDPE Pressure Piping	1,378.80	95.27
		For DR 26, Deduct	*-200.37*	
		For DR 17, Add	*242.89*	
		For DR 15.5, Add	*355.70*	
		For DR 13.5, Add	*555.20*	
		For DR 11, Add	*893.63*	

33 51 13 13-0026 Tees, HDPE Pressure Piping *(33 51 13 13-0001)*

33 51 13 13-0027	EA	3" Tee, DR 21 HDPE Pressure Piping	56.21	11.22
		For DR 26, Deduct	*-4.15*	
		For DR 17, Add	*5.03*	
		For DR 15.5, Add	*7.37*	
		For DR 13.5, Add	*11.50*	
		For DR 11, Add	*18.51*	
33 51 13 13-0028	EA	4" Tee, DR 21 HDPE Pressure Piping	64.72	12.70
		For DR 26, Deduct	*-4.88*	
		For DR 17, Add	*5.92*	
		For DR 15.5, Add	*8.67*	
		For DR 13.5, Add	*13.54*	
		For DR 11, Add	*21.79*	
33 51 13 13-0029	EA	6" Tee, DR 21 HDPE Pressure Piping	113.59	14.65
		For DR 26, Deduct	*-12.77*	
		For DR 17, Add	*15.48*	
		For DR 15.5, Add	*22.67*	
		For DR 13.5, Add	*35.38*	
		For DR 11, Add	*56.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 51 13 13-0030	EA	8" Tee, DR 21 HDPE Pressure Piping	228.64	17.32
		For DR 26, Deduct	*-32.39*	
		For DR 17, Add	*39.27*	
		For DR 15.5, Add	*57.50*	
		For DR 13.5, Add	*89.76*	
		For DR 11, Add	*144.47*	
33 51 13 13-0031	EA	10" Tee, DR 21 HDPE Pressure Piping	309.01	25.42
		For DR 26, Deduct	*-42.68*	
		For DR 17, Add	*51.73*	
		For DR 15.5, Add	*75.76*	
		For DR 13.5, Add	*118.25*	
		For DR 11, Add	*190.33*	
33 51 13 13-0032	EA	12" Tee, DR 21 HDPE Pressure Piping	432.19	38.14
		For DR 26, Deduct	*-58.27*	
		For DR 17, Add	*70.64*	
		For DR 15.5, Add	*103.44*	
		For DR 13.5, Add	*161.46*	
		For DR 11, Add	*259.88*	
33 51 13 13-0033	EA	14" Tee, DR 21 HDPE Pressure Piping	516.84	47.64
		For DR 26, Deduct	*-68.55*	
		For DR 17, Add	*83.10*	
		For DR 15.5, Add	*121.70*	
		For DR 13.5, Add	*189.95*	
		For DR 11, Add	*305.75*	
33 51 13 13-0034	EA	16" Tee, DR 21 HDPE Pressure Piping	658.47	71.42
		For DR 26, Deduct	*-81.41*	
		For DR 17, Add	*98.68*	
		For DR 15.5, Add	*144.52*	
		For DR 13.5, Add	*225.57*	
		For DR 11, Add	*363.07*	
33 51 13 13-0035	EA	18" Tee, DR 21 HDPE Pressure Piping	866.66	83.20
		For DR 26, Deduct	*-113.11*	
		For DR 17, Add	*137.12*	
		For DR 15.5, Add	*200.80*	
		For DR 13.5, Add	*313.43*	
		For DR 11, Add	*504.48*	
33 51 13 13-0036	EA	20" Tee, DR 21 HDPE Pressure Piping	1,249.48	98.27
		For DR 26, Deduct	*-174.38*	
		For DR 17, Add	*211.39*	
		For DR 15.5, Add	*309.57*	
		For DR 13.5, Add	*483.20*	
		For DR 11, Add	*777.74*	
33 51 13 13-0037	EA	24" Tee, DR 21 HDPE Pressure Piping	1,642.72	119.13
		For DR 26, Deduct	*-235.65*	
		For DR 17, Add	*285.66*	
		For DR 15.5, Add	*418.34*	
		For DR 13.5, Add	*652.97*	
		For DR 11, Add	*1,050.99*	

33 51 13 13-0038 Medium Density Polyethylene (MDPE) Gas Distribution Piping *(33 51 13 13)*

Note: 60 PSI, PE2406/PE2708. Includes couplings, #12 tracer wire, helically wrapped around piping.

33 51 13 13-0039	LF	1/2" SDR 9.3 MDPE Gas Distribution Pipe	4.19	1.24
33 51 13 13-0040	LF	3/4" SDR 11 MDPE Gas Distribution Pipe	4.55	1.32
33 51 13 13-0041	LF	1" SDR 11 MDPE Gas Distribution Pipe	4.90	1.41
33 51 13 13-0042	LF	1-1/4" SDR 11 MDPE Gas Distribution Pipe	5.40	1.50
33 51 13 13-0043	LF	1-1/2" SDR 11 MDPE Gas Distribution Pipe	6.73	1.80
33 51 13 13-0044	LF	2" SDR 11 MDPE Gas Distribution Pipe	7.58	1.96
33 51 13 13-0045	LF	2-1/2" SDR 11 MDPE Gas Distribution Pipe	9.70	2.29
33 51 13 13-0046	LF	3" SDR 11 MDPE Gas Distribution Pipe	12.04	2.73
33 51 13 13-0047	LF	3" SDR 11 MDPE Gas Distribution Pipe	13.79	3.09
33 51 13 13-0048	LF	4" SDR 11 MDPE Gas Distribution Pipe	20.33	3.13
33 51 13 13-0049	LF	6" SDR 11 MDPE Gas Distribution Pipe	26.93	3.13
33 51 13 13-0050	LF	8" SDR 11 MDPE Gas Distribution Pipe	38.18	3.90
33 51 13 13-0051	EA	1/2" Brass Service Adapter	48.46	
33 51 13 13-0052	EA	3/4" Brass Service Adapter	53.33	
33 51 13 13-0053	EA	1" Brass Service Adapter	64.05	
33 51 13 13-0054	EA	1-1/4" Brass Service Adapter	78.31	
33 51 13 13-0055	EA	1-1/2" Brass Service Adapter	94.67	
33 51 13 13-0056	EA	2" Brass Service Adapter	114.53	
33 51 13 13-0057	EA	2-1/2" Brass Service Adapter	197.48	
33 51 13 13-0058	EA	3" Brass Service Adapter	241.38	
33 51 13 13-0059	EA	4" Brass Service Adapter	348.63	

33 51 13 13-0060 Steel, Schedule 40, Plain End, Coal Tar Enamel And Wrapped *(33 51 13 13)*

33 51 13 13-0061	LF	1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	9.43	1.99
33 51 13 13-0062	LF	3/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	10.68	2.19
33 51 13 13-0063	LF	1" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	11.74	2.25
33 51 13 13-0064	LF	1-1/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	12.05	2.31
33 51 13 13-0065	LF	1-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	12.40	2.33
33 51 13 13-0066	LF	2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	13.18	2.50
33 51 13 13-0067	LF	2-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	18.85	3.39
33 51 13 13-0068	LF	3" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	23.60	4.28
33 51 13 13-0069	LF	4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	30.58	5.16
33 51 13 13-0070	LF	5" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	39.29	5.98
33 51 13 13-0071	LF	6" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	48.98	7.31
33 51 13 13-0072	LF	8" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	68.76	9.40

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 51 13 13-0073		Gas Line Taps *(33 51 13 13)* Note: Includes material to tap into main and gas valve.		
33 51 13 13-0074		Polyethylene, 60 PSI *(33 51 13 13-0073)*		
33 51 13 13-0075	EA	2" Polyethylene Hot Tap, With Valve	850.95	
33 51 13 13-0076	EA	2-1/2" Polyethylene Hot Tap, With Valve	1,071.30	
33 51 13 13-0077	EA	3" Polyethylene Hot Tap, With Valve	1,136.00	
33 51 13 13-0078	EA	4" Polyethylene Hot Tap, With Valve	1,519.02	
33 51 13 13-0079	EA	6" Polyethylene Hot Tap, With Valve	2,304.92	
33 51 13 13-0080		Steel, Schedule 40 *(33 51 13 13-0073)* Note: For punch steel service tee.		
33 51 13 13-0081	EA	1/2" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,427.71	
33 51 13 13-0082	EA	3/4" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,451.84	
33 51 13 13-0083	EA	3/4" Iron Pipe Size Weld Base, 3/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,487.73	
33 51 13 13-0084	EA	3/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,522.27	
33 51 13 13-0085	EA	1" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,546.29	
33 51 13 13-0086	EA	1-1/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Value Steel Service Tee	1,679.93	
33 51 13 13-0087	EA	1-1/4" Iron Pipe Size Weld Base, 1-1/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,724.93	
33 51 13 13-0088		Protective Pipe And Fitting Wrap *(33 51 13 13)* Note: Pipe is cleaned and primed.		
33 51 13 13-0089		Corrosion Resistance Wrap And Coat - Pipe *(33 51 13 13-0088)* Note: Field applied.		
33 51 13 13-0090	LF	1/2" Pipe Wrap	2.42	
33 51 13 13-0091	LF	3/4" Pipe Wrap	2.55	
33 51 13 13-0092	LF	1" Pipe Wrap	2.70	
33 51 13 13-0093	LF	1-1/4" Pipe Wrap	3.03	
33 51 13 13-0094	LF	1-1/2" Pipe Wrap	3.26	
33 51 13 13-0095	LF	2" Pipe Wrap	3.74	
33 51 13 13-0096	LF	2-1/2" Pipe Wrap	4.54	
33 51 13 13-0097	LF	3" Pipe Wrap	5.63	
33 51 13 13-0098	LF	4" Pipe Wrap	7.09	
33 51 13 13-0099	LF	6" Pipe Wrap	9.39	
33 51 13 13-0100		Corrosion Resistance Wrap And Coat - Fittings *(33 51 13 13-0088)* Note: Field applied.		
33 51 13 13-0101	EA	1/2" Fitting Wrap	13.55	
33 51 13 13-0102	EA	3/4" Fitting Wrap	13.55	
33 51 13 13-0103	EA	1" Fitting Wrap	16.72	
33 51 13 13-0104	EA	1-1/4" Fitting Wrap	18.84	
33 51 13 13-0105	EA	1-1/2" Fitting Wrap	18.84	
33 51 13 13-0106	EA	2" Fitting Wrap	22.29	
33 51 13 13-0107	EA	2-1/2" Fitting Wrap	29.76	
33 51 13 13-0108	EA	3" Fitting Wrap	40.76	
33 51 13 13-0109	EA	4" Fitting Wrap	41.24	
33 51 13 13-0110	EA	6" Fitting Wrap	47.46	
33 51 13 13-0111		Detection Tape For Underground Utilities *(33 51 13 13)*		
33 51 13 13-0112	CLF	2" Wide Underground Detection Tape	6.63	
33 51 13 13-0113	CLF	6" Wide Underground Detection Tape	14.20	
33 51 13 13-0114		Underground Cable Protection Slab *(33 51 13 13)*		
33 51 13 13-0115	CLF	3" Wide Non Detectable Underground Utility Marking Tape	7.19	
33 51 13 13-0116	CLF	6" Wide Non Detectable Underground Utility Marking Tape	12.69	
33 51 33		**Natural-Gas Metering** *(33 51)*		
33 51 33 13		**Gas Meters And Regulators** *(33 51 33)*		
33 51 33 13-0001		Natural Gas Meters *(33 51 33 13)*		
33 51 33 13-0002		Diaphragm Meters *(33 51 33 13-0001)* Note: With standard direct-digital reading maximum working pressures 5 lbs to 100 lbs, threaded connections. Excludes pressure and temperature compensation.		
33 51 33 13-0003	EA	250 CF/Hour Gas Diaphragm Meter At 5 LB, Direct Digital, Threaded	341.24	49.64
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 51 33 13-0004	EA	425 CF/Hour Gas Diaphragm Meter At 10 LB, Direct Digital, Threaded	652.16	75.91
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 51 33 13-0005	EA	425 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded	754.98	75.91
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 51 33 13-0006	EA	800 CF/Hour Gas Diaphragm Meter At 20 LB, Direct Digital, Threaded	1,583.87	94.89
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 51 33 13-0007	EA	1,000 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded	1,801.12	116.79
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 51 33 13-0008	EA	800 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	2,318.56	94.89
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 51 33 13-0009	EA	1,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	2,591.72	116.79
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 51 33 13-0010	EA	1,400 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	3,396.02	124.09
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 51 33 13-0011	EA	2,300 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	4,782.42	145.99
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 51 33 13-0012	EA	5,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	7,322.39	240.88
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	

33 51 33 13-0013 Gas Pressure Regulators *(33 51 33 13)*

33 51 33 13-0014 Regulators With Screwed And Flanged Ends *(33 51 33 13-0013)*

33 51 33 13-0015	EA	3/4" Gas Pressure Regulator, Screwed End	132.23	12.69
33 51 33 13-0016	EA	1" Gas Pressure Regulator, Screwed End	135.11	12.69
33 51 33 13-0017	EA	1-1/4" Gas Pressure Regulator, Screwed End	142.02	15.06
33 51 33 13-0018	EA	1-1/2" Gas Pressure Regulator, Screwed End	448.14	17.44
33 51 33 13-0019	EA	2" Gas Pressure Regulator, Screwed End	484.52	27.01
33 51 33 13-0020	EA	3" Gas Pressure Regulator, Screwed End	1,347.87	60.59
33 51 33 13-0021	EA	4" Gas Pressure Regulator, Screwed End	1,868.15	80.29

33 51 33 13-0022 Gas Turbine Meters *(33 51 33 13)*

33 51 33 13-0023 Gas Turbine Meters With Direct-Digital Reading *(33 51 33 13-0022)*

Note: Maximum working pressure 175 PSI, flanged end connections.

33 51 33 13-0024	EA	4", 18,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	5,876.28	237.88
33 51 33 13-0025	EA	6", 30,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	6,977.43	276.25
33 51 33 13-0026	EA	8", 60,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	10,568.10	355.98
33 51 33 13-0027	EA	12", 150,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	30,629.49	448.53

33 60 Hydronic And Steam Energy Utilities *(33)*

33 61 Hydronic Energy Distribution *(33 60)*

33 61 13 Underground Hydronic Energy Distribution *(33 61)*

33 61 13 13 Preinsulated Pipe *(33 61 13)*

Note: Includes coupling per full length of pipe. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 33-0001 for excavation, 31 23 16 36-0016 for backfill.

33 61 13 13-0001 Preinsulated Schedule 40 Black Steel Pipe *(33 61 13 13)*

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 13-0002 Standard Black Steel Carrier Pipe *(33 61 13 13-0001)*

Note: With 1/2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0003	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	47.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.54*	
		For Schedule 80 Pipe, Add	*5.37*	
33 61 13 13-0004	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	51.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.59*	
		For Schedule 80 Pipe, Add	*5.90*	
33 61 13 13-0005	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	56.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.66*	
		For Schedule 80 Pipe, Add	*6.65*	
33 61 13 13-0006	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	60.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.71*	
		For Schedule 80 Pipe, Add	*7.13*	
33 61 13 13-0007	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	63.55	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.75*	
		For Schedule 80 Pipe, Add	*7.46*	
33 61 13 13-0008	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	73.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.81*	
		For Schedule 80 Pipe, Add	*8.10*	
33 61 13 13-0009	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	83.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.88*	
		For Schedule 80 Pipe, Add	*8.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0010	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	105.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.10*	
		For Schedule 80 Pipe, Add	*11.02*	
33 61 13 13-0011	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	132.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.41*	
		For Schedule 80 Pipe, Add	*14.10*	
33 61 13 13-0012	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	154.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.64*	
		For Schedule 80 Pipe, Add	*16.37*	
33 61 13 13-0013	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	206.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.38*	
		For Schedule 80 Pipe, Add	*23.83*	
33 61 13 13-0014	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	261.38	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.14*	
		For Schedule 80 Pipe, Add	*31.45*	
33 61 13 13-0015	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	324.32	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.92*	
		For Schedule 80 Pipe, Add	*39.23*	

33 61 13 13-0016 Standard Black Steel Carrier Pipe *(33 61 13 13-0001)*

Note: With 1" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0017	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	49.95	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.59*	
		For Schedule 80 Pipe, Add	*5.90*	
33 61 13 13-0018	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	54.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.65*	
		For Schedule 80 Pipe, Add	*6.49*	
33 61 13 13-0019	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	59.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.73*	
		For Schedule 80 Pipe, Add	*7.31*	
33 61 13 13-0020	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	63.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.78*	
		For Schedule 80 Pipe, Add	*7.85*	
33 61 13 13-0021	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	67.28	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.82*	
		For Schedule 80 Pipe, Add	*8.20*	
33 61 13 13-0022	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pip With 1" Polyurethane Foam Insulation And FRP Jacket	77.06	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.89*	
		For Schedule 80 Pipe, Add	*8.92*	
33 61 13 13-0023	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	87.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.96*	
		For Schedule 80 Pipe, Add	*9.63*	
33 61 13 13-0024	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	111.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.21*	
		For Schedule 80 Pipe, Add	*12.12*	
33 61 13 13-0025	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	139.38	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.55*	
		For Schedule 80 Pipe, Add	*15.51*	
33 61 13 13-0026	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	162.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.80*	
		For Schedule 80 Pipe, Add	*18.01*	
33 61 13 13-0027	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	218.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.62*	
		For Schedule 80 Pipe, Add	*26.21*	
33 61 13 13-0028	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	277.11	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.46*	
		For Schedule 80 Pipe, Add	*34.59*	
33 61 13 13-0029	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	343.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.32*	
		For Schedule 80 Pipe, Add	*43.15*	

33 61 13 13-0030 Standard Black Steel Carrier Pipe *(33 61 13 13-0001)*

Note: With 1-1/2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0031	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	51.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.62*	
		For Schedule 80 Pipe, Add	*6.17*	
33 61 13 13-0032	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	56.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.68*	
		For Schedule 80 Pipe, Add	*6.79*	
33 61 13 13-0033	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	61.64	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.76*	
		For Schedule 80 Pipe, Add	*7.64*	
33 61 13 13-0034	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	65.76	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.82*	
		For Schedule 80 Pipe, Add	*8.20*	
33 61 13 13-0035	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	69.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.86*	
		For Schedule 80 Pipe, Add	*8.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0036	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	79.08	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.93*	
		For Schedule 80 Pipe, Add	*9.32*	
33 61 13 13-0037	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	89.97	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.01*	
		For Schedule 80 Pipe, Add	*10.07*	
33 61 13 13-0038	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	113.86	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.27*	
		For Schedule 80 Pipe, Add	*12.68*	
33 61 13 13-0039	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	142.91	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.62*	
		For Schedule 80 Pipe, Add	*16.22*	
33 61 13 13-0040	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	166.58	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.88*	
		For Schedule 80 Pipe, Add	*18.83*	
33 61 13 13-0041	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	224.53	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.74*	
		For Schedule 80 Pipe, Add	*27.40*	
33 61 13 13-0042	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	284.97	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.62*	
		For Schedule 80 Pipe, Add	*36.16*	
33 61 13 13-0043	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	353.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.51*	
		For Schedule 80 Pipe, Add	*45.11*	

33 61 13 13-0044 Standard Black Steel Carrier Pipe *(33 61 13 13-0001)*

Note: With 2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0045	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	53.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.66*	
		For Schedule 80 Pipe, Add	*6.57*	
33 61 13 13-0046	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	58.21	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.72*	
		For Schedule 80 Pipe, Add	*7.23*	
33 61 13 13-0047	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	64.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.81*	
		For Schedule 80 Pipe, Add	*8.14*	
33 61 13 13-0048	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	68.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.87*	
		For Schedule 80 Pipe, Add	*8.74*	
33 61 13 13-0049	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	71.94	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.91*	
		For Schedule 80 Pipe, Add	*9.13*	
33 61 13 13-0050	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	82.12	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.99*	
		For Schedule 80 Pipe, Add	*9.93*	
33 61 13 13-0051	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	93.25	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.07*	
		For Schedule 80 Pipe, Add	*10.72*	
33 61 13 13-0052	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	117.99	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.35*	
		For Schedule 80 Pipe, Add	*13.50*	
33 61 13 13-0053	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	148.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.73*	
		For Schedule 80 Pipe, Add	*17.28*	
33 61 13 13-0054	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	172.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.01*	
		For Schedule 80 Pipe, Add	*20.06*	
33 61 13 13-0055	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	233.47	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.92*	
		For Schedule 80 Pipe, Add	*29.19*	
33 61 13 13-0056	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	296.76	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.85*	
		For Schedule 80 Pipe, Add	*38.52*	
33 61 13 13-0057	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	368.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.81*	
		For Schedule 80 Pipe, Add	*48.05*	

33 61 13 13-0058 Preinsulated Black Steel Fittings *(33 61 13 13)*

Note: No excavation or backfill.

33 61 13 13-0059 Elbows *(33 61 13 13-0058)*

33 61 13 13-0060 Elbows *(33 61 13 13-0059)*

Note: With 1/2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0061	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	376.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.51*	
33 61 13 13-0062	EA	1" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	390.53	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.64*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0063	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	449.16	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.42*	
33 61 13 13-0064	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	506.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.00*	
33 61 13 13-0065	EA	2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	599.77	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.29*	
33 61 13 13-0066	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	722.99	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.59*	
33 61 13 13-0067	EA	3" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	840.32	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.75*	
33 61 13 13-0068	EA	4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	980.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.21*	
33 61 13 13-0069	EA	5" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,159.64	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.13*	
33 61 13 13-0070	EA	6" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,273.85	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.91*	
33 61 13 13-0071	EA	8" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,783.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.56*	
33 61 13 13-0072	EA	10" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	2,351.25	
		For High Density Polyethylene (HDPE) Jacket, Add	*27.56*	
33 61 13 13-0073	EA	12" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	2,992.24	
		For High Density Polyethylene (HDPE) Jacket, Add	*36.47*	

33 61 13 13-0074 Elbows *(33 61 13 13-0059)*

Note: With 1" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0075	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	396.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.92*	
33 61 13 13-0076	EA	1" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	411.68	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.06*	
33 61 13 13-0077	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	473.23	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.90*	
33 61 13 13-0078	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	533.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.53*	
33 61 13 13-0079	EA	2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	627.12	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.84*	
33 61 13 13-0080	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	751.44	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.16*	
33 61 13 13-0081	EA	3" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	873.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.41*	
33 61 13 13-0082	EA	4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	1,019.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.98*	
33 61 13 13-0083	EA	5" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	1,208.88	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.11*	
33 61 13 13-0084	EA	6" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	1,329.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.03*	
33 61 13 13-0085	EA	8" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	1,863.95	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.18*	
33 61 13 13-0086	EA	10" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	2,454.58	
		For High Density Polyethylene (HDPE) Jacket, Add	*29.62*	
33 61 13 13-0087	EA	12" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	3,129.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*39.21*	

33 61 13 13-0088 Elbows *(33 61 13 13-0059)*

Note: With 1-1/2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0089	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	417.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.34*	
33 61 13 13-0090	EA	1" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	432.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.49*	
33 61 13 13-0091	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	497.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.38*	
33 61 13 13-0092	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	559.35	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.05*	
33 61 13 13-0093	EA	2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	654.47	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.39*	
33 61 13 13-0094	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	779.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.72*	
33 61 13 13-0095	EA	3" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	905.97	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.07*	
33 61 13 13-0096	EA	4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,057.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.74*	
33 61 13 13-0097	EA	5" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,258.11	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.10*	
33 61 13 13-0098	EA	6" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,385.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.15*	
33 61 13 13-0099	EA	8" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,944.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*24.79*	
33 61 13 13-0100	EA	10" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	2,557.92	
		For High Density Polyethylene (HDPE) Jacket, Add	*31.69*	
33 61 13 13-0101	EA	12" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	3,265.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*41.94*	

33 61 13 13-0102 Elbows *(33 61 13 13-0059)*

Note: With 2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0103	EA	3/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	438.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0104	EA	1" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	453.99	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.91*	
33 61 13 13-0105	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	521.37	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.86*	
33 61 13 13-0106	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	585.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.58*	
33 61 13 13-0107	EA	2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	681.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.94*	
33 61 13 13-0108	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	808.34	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.29*	
33 61 13 13-0109	EA	3" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	938.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.72*	
33 61 13 13-0110	EA	4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	1,095.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.51*	
33 61 13 13-0111	EA	5" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	1,307.35	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.08*	
33 61 13 13-0112	EA	6" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	1,441.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.27*	
33 61 13 13-0113	EA	8" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	2,025.64	
		For High Density Polyethylene (HDPE) Jacket, Add	*26.41*	
33 61 13 13-0114	EA	10" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	2,661.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*33.76*	
33 61 13 13-0115	EA	12" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	3,402.55	
		For High Density Polyethylene (HDPE) Jacket, Add	*44.68*	

33 61 13 13-0116 Tees *(33 61 13 13-0058)*

33 61 13 13-0117 Tees *(33 61 13 13-0116)*

Note: With 1/2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0118	EA	3/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	560.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.18*	
33 61 13 13-0119	EA	1" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	581.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.38*	
33 61 13 13-0120	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	668.76	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.53*	
33 61 13 13-0121	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	754.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.40*	
33 61 13 13-0122	EA	2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	893.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.83*	
33 61 13 13-0123	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,078.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.27*	
33 61 13 13-0124	EA	3" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,253.92	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.00*	
33 61 13 13-0125	EA	4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,463.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.17*	
33 61 13 13-0126	EA	5" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,732.28	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.50*	
33 61 13 13-0127	EA	6" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,900.34	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.15*	
33 61 13 13-0128	EA	8" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	2,657.17	
		For High Density Polyethylene (HDPE) Jacket, Add	*32.01*	
33 61 13 13-0129	EA	10" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	3,507.92	
		For High Density Polyethylene (HDPE) Jacket, Add	*40.92*	
33 61 13 13-0130	EA	12" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	4,461.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*54.16*	

33 61 13 13-0131 Tees *(33 61 13 13-0116)*

Note: With 1" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0132	EA	3/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And FRP Jacket	590.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.80*	
33 61 13 13-0133	EA	1" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And FRP Jacket	612.82	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.01*	
33 61 13 13-0134	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And FRP Jacket	704.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.25*	
33 61 13 13-0135	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And FRP Jacket	793.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.18*	
33 61 13 13-0136	EA	2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And FRP Jacket	934.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.64*	
33 61 13 13-0137	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And FRP Jacket	1,120.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.11*	
33 61 13 13-0138	EA	3" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And FRP Jacket	1,302.67	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.97*	
33 61 13 13-0139	EA	4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And FRP Jacket	1,520.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.30*	
33 61 13 13-0140	EA	5" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And FRP Jacket	1,805.39	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.96*	
33 61 13 13-0141	EA	6" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And FRP Jacket	1,983.39	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.81*	
33 61 13 13-0142	EA	8" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And FRP Jacket	2,777.23	
		For High Density Polyethylene (HDPE) Jacket, Add	*34.42*	
33 61 13 13-0143	EA	10" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And FRP Jacket	3,661.37	
		For High Density Polyethylene (HDPE) Jacket, Add	*43.99*	
33 61 13 13-0144	EA	12" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And FRP Jacket	4,664.11	
		For High Density Polyethylene (HDPE) Jacket, Add	*58.22*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 61 13 13-0145 Tees *(33 61 13 13-0116)*

Note: With 1-1/2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0146	EA	3/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	621.58	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.41*	
33 61 13 13-0147	EA	1" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	644.24	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.63*	
33 61 13 13-0148	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	740.25	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.96*	
33 61 13 13-0149	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	832.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.96*	
33 61 13 13-0150	EA	2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	974.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.46*	
33 61 13 13-0151	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,162.68	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.96*	
33 61 13 13-0152	EA	3" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,351.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.95*	
33 61 13 13-0153	EA	4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,577.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.44*	
33 61 13 13-0154	EA	5" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,878.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.42*	
33 61 13 13-0155	EA	6" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	2,066.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*25.47*	
33 61 13 13-0156	EA	8" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	2,897.28	
		For High Density Polyethylene (HDPE) Jacket, Add	*36.82*	
33 61 13 13-0157	EA	10" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	3,814.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*47.06*	
33 61 13 13-0158	EA	12" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	4,867.21	
		For High Density Polyethylene (HDPE) Jacket, Add	*62.28*	

33 61 13 13-0159 Tees *(33 61 13 13-0116)*

Note: With 2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0160	EA	3/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And FRP Jacket	652.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.03*	
33 61 13 13-0161	EA	1" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And FRP Jacket	675.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.26*	
33 61 13 13-0162	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And FRP Jacket	776.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.68*	
33 61 13 13-0163	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And FRP Jacket	871.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.74*	
33 61 13 13-0164	EA	2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And FRP Jacket	1,015.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.27*	
33 61 13 13-0165	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And FRP Jacket	1,204.92	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.80*	
33 61 13 13-0166	EA	3" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And FRP Jacket	1,400.16	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.92*	
33 61 13 13-0167	EA	4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And FRP Jacket	1,634.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.58*	
33 61 13 13-0168	EA	5" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And FRP Jacket	1,951.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.88*	
33 61 13 13-0169	EA	6" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And FRP Jacket	2,149.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*27.13*	
33 61 13 13-0170	EA	8" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And FRP Jacket	3,017.34	
		For High Density Polyethylene (HDPE) Jacket, Add	*39.22*	
33 61 13 13-0171	EA	10" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And FRP Jacket	3,968.28	
		For High Density Polyethylene (HDPE) Jacket, Add	*50.13*	
33 61 13 13-0172	EA	12" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And FRP Jacket	5,070.32	
		For High Density Polyethylene (HDPE) Jacket, Add	*66.35*	

33 61 13 13-0173 Reducers *(33 61 13 13-0058)*

33 61 13 13-0174 Reducers *(33 61 13 13-0173)*

Note: With 1/2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0175	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	319.37	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.57*	
33 61 13 13-0176	EA	1" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	331.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.68*	
33 61 13 13-0177	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	381.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.33*	
33 61 13 13-0178	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	431.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.81*	
33 61 13 13-0179	EA	2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	514.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.05*	
33 61 13 13-0180	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	631.86	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.30*	
33 61 13 13-0181	EA	3" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	728.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.27*	
33 61 13 13-0182	EA	4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	846.69	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.48*	
33 61 13 13-0183	EA	5" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	997.88	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.90*	
33 61 13 13-0184	EA	6" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,094.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.38*	
33 61 13 13-0185	EA	8" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,529.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.89*	
33 61 13 13-0186	EA	10" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	2,020.08	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0187	EA	12" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	2,563.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*30.27*	

33 61 13 13-0188 Reducers *(33 61 13 13-0173)*

Note: With 1" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0189	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	336.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.92*	
33 61 13 13-0190	EA	1" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	349.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.03*	
33 61 13 13-0191	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	401.76	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.73*	
33 61 13 13-0192	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	453.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.25*	
33 61 13 13-0193	EA	2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	536.86	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.51*	
33 61 13 13-0194	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	655.47	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.77*	
33 61 13 13-0195	EA	3" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	756.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.81*	
33 61 13 13-0196	EA	4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	878.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.11*	
33 61 13 13-0197	EA	5" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	1,038.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.72*	
33 61 13 13-0198	EA	6" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	1,140.87	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.31*	
33 61 13 13-0199	EA	8" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	1,596.58	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.24*	
33 61 13 13-0200	EA	10" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	2,105.85	
		For High Density Polyethylene (HDPE) Jacket, Add	*24.59*	
33 61 13 13-0201	EA	12" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	2,677.11	
		For High Density Polyethylene (HDPE) Jacket, Add	*32.54*	

33 61 13 13-0202 Reducers *(33 61 13 13-0173)*

Note: With 1-1/2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0203	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	353.68	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.26*	
33 61 13 13-0204	EA	1" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	366.82	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.38*	
33 61 13 13-0205	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	421.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.13*	
33 61 13 13-0206	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	475.16	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.68*	
33 61 13 13-0207	EA	2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	559.56	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.96*	
33 61 13 13-0208	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	679.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.24*	
33 61 13 13-0209	EA	3" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	783.38	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.36*	
33 61 13 13-0210	EA	4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	910.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.75*	
33 61 13 13-0211	EA	5" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,079.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.53*	
33 61 13 13-0212	EA	6" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,187.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.23*	
33 61 13 13-0213	EA	8" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,663.68	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.58*	
33 61 13 13-0214	EA	10" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	2,191.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*26.30*	
33 61 13 13-0215	EA	12" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	2,790.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*34.81*	

33 61 13 13-0216 Reducers *(33 61 13 13-0173)*

Note: With 2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0217	EA	3/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	370.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.60*	
33 61 13 13-0218	EA	1" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	384.38	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.74*	
33 61 13 13-0219	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	441.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.53*	
33 61 13 13-0220	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	496.95	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.12*	
33 61 13 13-0221	EA	2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	582.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.42*	
33 61 13 13-0222	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	702.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.71*	
33 61 13 13-0223	EA	3" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	810.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.90*	
33 61 13 13-0224	EA	4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	942.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.38*	
33 61 13 13-0225	EA	5" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	1,120.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.35*	
33 61 13 13-0226	EA	6" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	1,233.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.16*	
33 61 13 13-0227	EA	8" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	1,730.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0228	EA	10" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	2,277.39	
		For High Density Polyethylene (HDPE) Jacket, Add	*28.02*	
33 61 13 13-0229	EA	12" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	2,904.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*37.08*	

33 61 13 13-0230 Preinsulated Type K Copper Pipe *(33 61 13 13)*

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 13-0231 Type K Copper Carrier Pipe *(33 61 13 13-0230)*

Note: With 1/2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0232	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	47.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.53*	
33 61 13 13-0233	LF	1" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	51.32	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.59*	
33 61 13 13-0234	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	56.40	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.66*	
33 61 13 13-0235	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	60.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.71*	
33 61 13 13-0236	LF	2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	63.25	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.74*	
33 61 13 13-0237	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	72.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.81*	
33 61 13 13-0238	LF	3" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	83.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.87*	
33 61 13 13-0239	LF	4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	105.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.10*	
33 61 13 13-0240	LF	5" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	131.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.40*	
33 61 13 13-0241	LF	6" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	153.56	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.63*	
33 61 13 13-0242	LF	8" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	205.68	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.37*	
33 61 13 13-0243	LF	10" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	260.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.13*	
33 61 13 13-0244	LF	12" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And FRP Jacket	322.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.90*	

33 61 13 13-0245 Type K Copper Carrier Pipe *(33 61 13 13-0230)*

Note: With 1" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0246	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	49.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.59*	
33 61 13 13-0247	LF	1" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	54.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.65*	
33 61 13 13-0248	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	59.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.73*	
33 61 13 13-0249	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	63.68	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.78*	
33 61 13 13-0250	LF	2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	66.96	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.82*	
33 61 13 13-0251	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	76.69	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.89*	
33 61 13 13-0252	LF	3" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	87.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.96*	
33 61 13 13-0253	LF	4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	110.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.21*	
33 61 13 13-0254	LF	5" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	138.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.54*	
33 61 13 13-0255	LF	6" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	161.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.79*	
33 61 13 13-0256	LF	8" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	217.54	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.61*	
33 61 13 13-0257	LF	10" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	275.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.44*	
33 61 13 13-0258	LF	12" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And FRP Jacket	342.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.30*	

33 61 13 13-0259 Type K Copper Carrier Pipe *(33 61 13 13-0230)*

Note: With 1-1/2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0260	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	51.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.61*	
33 61 13 13-0261	LF	1" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	55.73	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.68*	
33 61 13 13-0262	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	61.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.76*	
33 61 13 13-0263	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	65.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.82*	
33 61 13 13-0264	LF	2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	68.82	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.85*	
33 61 13 13-0265	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	78.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.93*	
33 61 13 13-0266	LF	3" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	89.54	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.00*	
33 61 13 13-0267	LF	4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	113.32	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.26*	
33 61 13 13-0268	LF	5" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	142.23	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0269	LF	6" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	165.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.87*	
33 61 13 13-0270	LF	8" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	223.47	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.73*	
33 61 13 13-0271	LF	10" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	283.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.60*	
33 61 13 13-0272	LF	12" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	352.06	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.49*	

33 61 13 13-0273 Type K Copper Carrier Pipe *(33 61 13 13-0230)*

Note: With 2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0274	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	53.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.65*	
33 61 13 13-0275	LF	1" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	57.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.72*	
33 61 13 13-0276	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	63.84	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.81*	
33 61 13 13-0277	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	68.11	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.87*	
33 61 13 13-0278	LF	2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	71.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.91*	
33 61 13 13-0279	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	81.73	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.99*	
33 61 13 13-0280	LF	3" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	92.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.07*	
33 61 13 13-0281	LF	4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	117.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.34*	
33 61 13 13-0282	LF	5" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	147.50	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.72*	
33 61 13 13-0283	LF	6" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	171.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.00*	
33 61 13 13-0284	LF	8" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	232.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.91*	
33 61 13 13-0285	LF	10" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	295.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.83*	
33 61 13 13-0286	LF	12" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And FRP Jacket	366.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.78*	

33 61 13 13-0287 Preinsulated Copper Fittings *(33 61 13 13)*

33 61 13 13-0288 Elbows *(33 61 13 13-0287)*

33 61 13 13-0289 Elbows *(33 61 13 13-0288)*

Note: With 1/2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0290	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	391.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.09*	
33 61 13 13-0291	EA	1" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	405.85	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.23*	
33 61 13 13-0292	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	465.97	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.09*	
33 61 13 13-0293	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	522.97	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.73*	
33 61 13 13-0294	EA	2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	607.22	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.06*	
33 61 13 13-0295	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	717.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.38*	
33 61 13 13-0296	EA	3" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	833.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.67*	
33 61 13 13-0297	EA	4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	972.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.28*	
33 61 13 13-0298	EA	5" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,162.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.50*	
33 61 13 13-0299	EA	6" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,282.87	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.47*	
33 61 13 13-0300	EA	8" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,803.75	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.81*	
33 61 13 13-0301	EA	10" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	2,368.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*30.44*	
33 61 13 13-0302	EA	12" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And FRP Jacket	3,030.35	
		For High Density Polyethylene (HDPE) Jacket, Add	*40.28*	

33 61 13 13-0303 Elbows *(33 61 13 13-0288)*

Note: With 1" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0304	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	414.75	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.54*	
33 61 13 13-0305	EA	1" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	429.21	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.70*	
33 61 13 13-0306	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	492.56	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.62*	
33 61 13 13-0307	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	551.97	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.31*	
33 61 13 13-0308	EA	2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	637.44	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.66*	
33 61 13 13-0309	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	749.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.01*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0310	EA	3" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	869.76	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.39*	
33 61 13 13-0311	EA	4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	1,015.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.13*	
33 61 13 13-0312	EA	5" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	1,216.95	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.59*	
33 61 13 13-0313	EA	6" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	1,344.64	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.71*	
33 61 13 13-0314	EA	8" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	1,893.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*25.60*	
33 61 13 13-0315	EA	10" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	2,482.28	
		For High Density Polyethylene (HDPE) Jacket, Add	*32.72*	
33 61 13 13-0316	EA	12" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And FRP Jacket	3,181.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*43.30*	

33 61 13 13-0317 Elbows *(33 61 13 13-0288)*

Note: With 1-1/2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0318	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	437.58	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.00*	
33 61 13 13-0319	EA	1" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	452.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.16*	
33 61 13 13-0320	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	519.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.15*	
33 61 13 13-0321	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	580.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.89*	
33 61 13 13-0322	EA	2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	667.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.27*	
33 61 13 13-0323	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	780.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.64*	
33 61 13 13-0324	EA	3" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	906.02	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.12*	
33 61 13 13-0325	EA	4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,057.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.97*	
33 61 13 13-0326	EA	5" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,271.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.68*	
33 61 13 13-0327	EA	6" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,406.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.94*	
33 61 13 13-0328	EA	8" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,982.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*27.38*	
33 61 13 13-0329	EA	10" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	2,596.06	
		For High Density Polyethylene (HDPE) Jacket, Add	*35.00*	
33 61 13 13-0330	EA	12" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	3,332.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*46.32*	

33 61 13 13-0331 Elbows *(33 61 13 13-0288)*

Note: With 2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0332	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	460.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.46*	
33 61 13 13-0333	EA	1" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	475.94	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.63*	
33 61 13 13-0334	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	545.73	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.68*	
33 61 13 13-0335	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	609.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.47*	
33 61 13 13-0336	EA	2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	697.86	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.87*	
33 61 13 13-0337	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	812.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.26*	
33 61 13 13-0338	EA	3" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	942.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.84*	
33 61 13 13-0339	EA	4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	1,099.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.82*	
33 61 13 13-0340	EA	5" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	1,325.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.76*	
33 61 13 13-0341	EA	6" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	1,468.39	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.18*	
33 61 13 13-0342	EA	8" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	2,071.50	
		For High Density Polyethylene (HDPE) Jacket, Add	*29.17*	
33 61 13 13-0343	EA	10" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	2,710.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*37.28*	
33 61 13 13-0344	EA	12" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And FRP Jacket	3,483.77	
		For High Density Polyethylene (HDPE) Jacket, Add	*49.35*	

33 61 13 13-0345 Tees *(33 61 13 13-0287)*

33 61 13 13-0346 Tees *(33 61 13 13-0345)*

Note: With 1/2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0347	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	583.28	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.04*	
33 61 13 13-0348	EA	1" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	603.96	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.25*	
33 61 13 13-0349	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	693.49	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.53*	
33 61 13 13-0350	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	778.49	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0351	EA	2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	904.38	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.96*	
33 61 13 13-0352	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,069.87	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.44*	
33 61 13 13-0353	EA	3" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,243.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.36*	
33 61 13 13-0354	EA	4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,450.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.75*	
33 61 13 13-0355	EA	5" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,735.35	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.54*	
33 61 13 13-0356	EA	6" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,912.50	
		For High Density Polyethylene (HDPE) Jacket, Add	*24.46*	
33 61 13 13-0357	EA	8" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	2,686.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*35.36*	
33 61 13 13-0358	EA	10" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	3,530.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*45.20*	
33 61 13 13-0359	EA	12" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And FRP Jacket	4,515.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*59.82*	

33 61 13 13-0360 Tees *(33 61 13 13-0345)*

Note: With 1" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0361	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And FRP Jacket	617.18	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.72*	
33 61 13 13-0362	EA	1" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And FRP Jacket	638.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.95*	
33 61 13 13-0363	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And FRP Jacket	732.97	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.32*	
33 61 13 13-0364	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And FRP Jacket	821.56	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.35*	
33 61 13 13-0365	EA	2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And FRP Jacket	949.25	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.86*	
33 61 13 13-0366	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And FRP Jacket	1,116.53	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.38*	
33 61 13 13-0367	EA	3" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And FRP Jacket	1,296.88	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.43*	
33 61 13 13-0368	EA	4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And FRP Jacket	1,513.46	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.01*	
33 61 13 13-0369	EA	5" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And FRP Jacket	1,816.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.15*	
33 61 13 13-0370	EA	6" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And FRP Jacket	2,004.23	
		For High Density Polyethylene (HDPE) Jacket, Add	*26.29*	
33 61 13 13-0371	EA	8" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And FRP Jacket	2,819.08	
		For High Density Polyethylene (HDPE) Jacket, Add	*38.01*	
33 61 13 13-0372	EA	10" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And FRP Jacket	3,700.32	
		For High Density Polyethylene (HDPE) Jacket, Add	*48.59*	
33 61 13 13-0373	EA	12" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And FRP Jacket	4,739.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*64.31*	

33 61 13 13-0374 Tees *(33 61 13 13-0345)*

Note: With 1-1/2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0375	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	651.07	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.40*	
33 61 13 13-0376	EA	1" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	673.35	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.64*	
33 61 13 13-0377	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	772.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.11*	
33 61 13 13-0378	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	864.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.21*	
33 61 13 13-0379	EA	2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	994.11	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.76*	
33 61 13 13-0380	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,163.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.31*	
33 61 13 13-0381	EA	3" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,350.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.51*	
33 61 13 13-0382	EA	4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,576.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.26*	
33 61 13 13-0383	EA	5" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,896.86	
		For High Density Polyethylene (HDPE) Jacket, Add	*24.77*	
33 61 13 13-0384	EA	6" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	2,096.28	
		For High Density Polyethylene (HDPE) Jacket, Add	*28.13*	
33 61 13 13-0385	EA	8" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	2,950.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*40.66*	
33 61 13 13-0386	EA	10" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	3,867.86	
		For High Density Polyethylene (HDPE) Jacket, Add	*51.98*	
33 61 13 13-0387	EA	12" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	4,966.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*68.79*	

33 61 13 13-0388 Tees *(33 61 13 13-0345)*

Note: With 2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0389	EA	3/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And FRP Jacket	684.97	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.07*	
33 61 13 13-0390	EA	1" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And FRP Jacket	708.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.33*	
33 61 13 13-0391	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And FRP Jacket	811.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.90*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0392	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And FRP Jacket	907.69	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.07*	
33 61 13 13-0393	EA	2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And FRP Jacket	1,038.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.66*	
33 61 13 13-0394	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And FRP Jacket	1,209.85	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.24*	
33 61 13 13-0395	EA	3" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And FRP Jacket	1,404.55	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.59*	
33 61 13 13-0396	EA	4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And FRP Jacket	1,639.08	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.52*	
33 61 13 13-0397	EA	5" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And FRP Jacket	1,977.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*26.38*	
33 61 13 13-0398	EA	6" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And FRP Jacket	2,188.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*29.96*	
33 61 13 13-0399	EA	8" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And FRP Jacket	3,083.39	
		For High Density Polyethylene (HDPE) Jacket, Add	*43.32*	
33 61 13 13-0400	EA	10" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And FRP Jacket	4,037.34	
		For High Density Polyethylene (HDPE) Jacket, Add	*55.37*	
33 61 13 13-0401	EA	12" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And FRP Jacket	5,190.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*73.28*	

33 61 13 13-0402 Reducers *(33 61 13 13-0287)*

33 61 13 13-0403 Reducers *(33 61 13 13-0402)*

Note: With 1/2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0404	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	331.46	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.05*	
33 61 13 13-0405	EA	1" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	343.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.17*	
33 61 13 13-0406	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	394.56	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.88*	
33 61 13 13-0407	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	443.54	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.42*	
33 61 13 13-0408	EA	2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	518.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.69*	
33 61 13 13-0409	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	623.39	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.95*	
33 61 13 13-0410	EA	3" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	719.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.02*	
33 61 13 13-0411	EA	4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	835.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.36*	
33 61 13 13-0412	EA	5" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	995.73	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.04*	
33 61 13 13-0413	EA	6" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,097.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.67*	
33 61 13 13-0414	EA	8" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	1,540.11	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.76*	
33 61 13 13-0415	EA	10" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	2,025.25	
		For High Density Polyethylene (HDPE) Jacket, Add	*25.26*	
33 61 13 13-0416	EA	12" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And FRP Jacket	2,584.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*33.43*	

33 61 13 13-0417 Reducers *(33 61 13 13-0402)*

Note: With 1" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0418	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	350.40	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.43*	
33 61 13 13-0419	EA	1" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam InsulationAnd FRP Jacket	362.82	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.56*	
33 61 13 13-0420	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	416.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.33*	
33 61 13 13-0421	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	467.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.90*	
33 61 13 13-0422	EA	2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	543.28	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.19*	
33 61 13 13-0423	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	649.47	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.48*	
33 61 13 13-0424	EA	3" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	749.22	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.63*	
33 61 13 13-0425	EA	4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	870.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.06*	
33 61 13 13-0426	EA	5" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	1,040.87	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.94*	
33 61 13 13-0427	EA	6" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	1,148.35	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.70*	
33 61 13 13-0428	EA	8" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	1,614.22	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.25*	
33 61 13 13-0429	EA	10" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	2,119.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*27.16*	
33 61 13 13-0430	EA	12" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And FRP Jacket	2,710.16	
		For High Density Polyethylene (HDPE) Jacket, Add	*35.94*	

33 61 13 13-0431 Reducers *(33 61 13 13-0402)*

Note: With 1-1/2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0432	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	369.35	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0433	EA	1" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	382.21	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.95*	
33 61 13 13-0434	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	438.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.77*	
33 61 13 13-0435	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	491.69	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.38*	
33 61 13 13-0436	EA	2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	568.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.69*	
33 61 13 13-0437	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	675.55	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.00*	
33 61 13 13-0438	EA	3" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	779.31	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.23*	
33 61 13 13-0439	EA	4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	905.99	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.77*	
33 61 13 13-0440	EA	5" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,086.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.84*	
33 61 13 13-0441	EA	6" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,199.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.72*	
33 61 13 13-0442	EA	8" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	1,688.03	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.73*	
33 61 13 13-0443	EA	10" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	2,214.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*29.05*	
33 61 13 13-0444	EA	12" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And FRP Jacket	2,835.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*38.45*	

33 61 13 13-0445 Reducers *(33 61 13 13-0402)*

Note: With 2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0446	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	388.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.19*	
33 61 13 13-0447	EA	1" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	401.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.33*	
33 61 13 13-0448	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	460.76	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.21*	
33 61 13 13-0449	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	515.76	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.86*	
33 61 13 13-0450	EA	2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	593.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.19*	
33 61 13 13-0451	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	701.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.52*	
33 61 13 13-0452	EA	3" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	809.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.83*	
33 61 13 13-0453	EA	4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	941.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.47*	
33 61 13 13-0454	EA	5" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	1,131.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.74*	
33 61 13 13-0455	EA	6" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	1,251.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.75*	
33 61 13 13-0456	EA	8" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	1,762.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*24.21*	
33 61 13 13-0457	EA	10" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	2,309.16	
		For High Density Polyethylene (HDPE) Jacket, Add	*30.95*	
33 61 13 13-0458	EA	12" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And FRP Jacket	2,961.12	
		For High Density Polyethylene (HDPE) Jacket, Add	*40.96*	

33 61 13 13-0459 Preinsulated Ductile Iron Carrier Pipe *(33 61 13 13)*

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 13-0460 Ductile Iron Carrier Pipe *(33 61 13 13-0459)*

Note: With 1" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0461	LF	4" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And HDPE Jacket	95.69
33 61 13 13-0462	LF	6" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And HDPE Jacket	139.22
33 61 13 13-0463	LF	8" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And HDPE Jacket	182.14
33 61 13 13-0464	LF	10" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And HDPE Jacket	227.39
33 61 13 13-0465	LF	12" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And HDPE Jacket	281.64

33 61 13 13-0466 Ductile Iron Carrier Pipe *(33 61 13 13-0459)*

Note: With 2" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0467	LF	4" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And HDPE Jacket	100.00
33 61 13 13-0468	LF	6" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And HDPE Jacket	145.62
33 61 13 13-0469	LF	8" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And HDPE Jacket	191.46
33 61 13 13-0470	LF	10" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And HDPE Jacket	239.69
33 61 13 13-0471	LF	12" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And HDPE Jacket	296.98
33 61 13 13-0472	LF	14" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And HDPE Jacket	323.00
33 61 13 13-0473	LF	16" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And HDPE Jacket	359.65
33 61 13 13-0474	LF	18" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And HDPE Jacket	399.90
33 61 13 13-0475	LF	20" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And HDPE Jacket	436.74
33 61 13 13-0476	LF	24" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And HDPE Jacket	508.13

33 61 13 13-0477 Preinsulated Ductile Iron Fittings *(33 61 13 13)*

33 61 13 13-0478 Elbows *(33 61 13 13-0477)*

33 61 13 13-0479 Elbows *(33 61 13 13-0478)*

Note: With 1" polyurethane insulation and non-metallic FRP casing.

33 61 13 13-0480	EA	4" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And HDPE Jacket	851.65

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0481	EA	6" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And HDPE Jacket	1,085.39	
33 61 13 13-0482	EA	8" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And HDPE Jacket	1,510.65	
33 61 13 13-0483	EA	10" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And HDPE Jacket	2,003.01	
33 61 13 13-0484	EA	12" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And HDPE Jacket	2,531.34	
33 61 13 13-0485		Elbows *(33 61 13 13-0478)*		
		Note: With 2" polyurethane insulation and non-metallic FRP casing.		
33 61 13 13-0486	EA	4" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And HDPE Jacket	904.89	
33 61 13 13-0487	EA	6" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And HDPE Jacket	1,163.14	
33 61 13 13-0488	EA	8" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And HDPE Jacket	1,623.05	
33 61 13 13-0489	EA	10" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And HDPE Jacket	2,146.67	
33 61 13 13-0490	EA	12" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And HDPE Jacket	2,721.48	
33 61 13 13-0491	EA	14" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And HDPE Jacket	3,293.69	
33 61 13 13-0492	EA	16" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And HDPE Jacket	3,858.72	
33 61 13 13-0493	EA	18" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And HDPE Jacket	4,805.60	
33 61 13 13-0494	EA	20" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And HDPE Jacket	6,121.90	
33 61 13 13-0495	EA	24" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And HDPE Jacket	8,069.71	
33 61 13 13-0496		Tees *(33 61 13 13-0477)*		
33 61 13 13-0497		Tees *(33 61 13 13-0496)*		
		Note: With 1" polyurethane insulation and non-metallic FRP casing.		
33 61 13 13-0498	EA	4" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And HDPE Jacket	1,271.76	
33 61 13 13-0499	EA	6" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And HDPE Jacket	1,620.48	
33 61 13 13-0500	EA	8" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And HDPE Jacket	2,252.59	
33 61 13 13-0501	EA	10" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And HDPE Jacket	2,990.78	
33 61 13 13-0502	EA	12" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And HDPE Jacket	3,776.56	
33 61 13 13-0503		Tees *(33 61 13 13-0496)*		
		Note: With 2" polyurethane insulation and non-metallic FRP casing.		
33 61 13 13-0504	EA	4" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And HDPE Jacket	1,350.82	
33 61 13 13-0505	EA	6" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And HDPE Jacket	1,735.93	
33 61 13 13-0506	EA	8" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And HDPE Jacket	2,419.49	
33 61 13 13-0507	EA	10" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And HDPE Jacket	3,204.12	
33 61 13 13-0508	EA	12" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And HDPE Jacket	4,058.92	
33 61 13 13-0509	EA	14" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And HDPE Jacket	4,776.07	
33 61 13 13-0510	EA	16" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And HDPE Jacket	5,596.89	
33 61 13 13-0511	EA	18" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And HDPE Jacket	6,971.62	
33 61 13 13-0512	EA	20" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And HDPE Jacket	8,888.36	
33 61 13 13-0513	EA	24" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And HDPE Jacket	11,718.65	
33 61 13 13-0514		Reducers *(33 61 13 13-0477)*		
33 61 13 13-0515		Reducers *(33 61 13 13-0514)*		
		Note: With 1" polyurethane insulation and non-metallic FRP casing.		
33 61 13 13-0516	EA	4" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And HDPE Jacket	739.58	
33 61 13 13-0517	EA	6" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And HDPE Jacket	938.03	
33 61 13 13-0518	EA	8" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And HDPE Jacket	1,303.35	
33 61 13 13-0519	EA	10" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And HDPE Jacket	1,731.04	
33 61 13 13-0520	EA	12" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And HDPE Jacket	2,181.04	
33 61 13 13-0521		Reducers *(33 61 13 13-0514)*		
		Note: With 2" polyurethane insulation and non-metallic FRP casing.		
33 61 13 13-0522	EA	4" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And HDPE Jacket	783.77	
33 61 13 13-0523	EA	6" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And HDPE Jacket	1,002.56	
33 61 13 13-0524	EA	8" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And HDPE Jacket	1,396.63	
33 61 13 13-0525	EA	10" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And HDPE Jacket	1,850.28	
33 61 13 13-0526	EA	12" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And HDPE Jacket	2,338.86	
33 61 13 13-0527	EA	14" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And HDPE Jacket	2,749.50	
33 61 13 13-0528	EA	16" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And HDPE Jacket	3,216.93	
33 61 13 13-0529	EA	18" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And HDPE Jacket	3,972.41	
33 61 13 13-0530	EA	20" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And HDPE Jacket	5,108.49	
33 61 13 13-0531	EA	24" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And HDPE Jacket	6,755.90	
33 61 13 13-0532		Tempered Water Piping Pre-Insulated *(33 61 13 13)*		
33 61 13 13-0533		FRP Carrier And Casing, 1" Polyurethane Insulation *(33 61 13 13-0532)*		
33 61 13 13-0534	LF	4" FRP Carrier And Casing With 1" Polyurethane Insulation	46.24	15.69
33 61 13 13-0535	LF	6" FRP Carrier And Casing With 1" Polyurethane Insulation	64.11	22.72
33 61 13 13-0536	LF	8" FRP Carrier And Casing With 1" Polyurethane Insulation	81.77	23.77
33 61 13 13-0537	LF	10" FRP Carrier And Casing With 1" Polyurethane Insulation	107.84	29.71
33 61 13 13-0538	LF	12" FRP Carrier And Casing With 1" Polyurethane Insulation	137.05	36.65
33 61 13 13-0539		FRP Carrier And PVC Casing, 1" Polyurethane Insulation *(33 61 13 13-0532)*		
33 61 13 13-0540	LF	4" FRP Carrier And PVC Casing With 1" Polyurethane Insulation	40.76	22.72
33 61 13 13-0541	LF	6" FRP Carrier And PVC Casing With 1" Polyurethane Insulation	42.90	22.72
33 61 13 13-0542	LF	8" FRP Carrier And PVC Casing With 1" Polyurethane Insulation	44.90	22.72
33 61 13 13-0543	LF	10" FRP Carrier And PVC Casing With 1" Polyurethane Insulation	53.95	26.85
33 61 13 13-0544	LF	12" FRP Carrier And PVC Casing With 1" Polyurethane Insulation	66.29	34.08

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0545		PVC Carrier And Casing, 1" Polyurethane Insulation *(33 61 13 13-0532)*		
33 61 13 13-0546	LF	4" PVC Carrier And Casing With 1" Polyurethane Insulation	40.76	22.72
33 61 13 13-0547	LF	6" PVC Carrier And Casing With 1" Polyurethane Insulation	42.90	22.72
33 61 13 13-0548	LF	8" PVC Carrier And Casing With 1" Polyurethane Insulation	44.90	22.72
33 61 13 13-0549	LF	10" PVC Carrier And Casing With 1" Polyurethane Insulation	53.95	26.85
33 61 13 13-0550	LF	12" PVC Carrier And Casing With 1" Polyurethane Insulation	66.29	34.08

33 70 Electrical Utilities *(33)*

33 71 Electrical Utility Transmission And Distribution *(33 70)*

33 71 19 Electrical Underground Ducts And Manholes *(33 71)*

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 71 19 00-0001 Electrical Handholes And Pull Boxes *(33 71 19)*

33 71 19 00-0002 Electrical Pull Boxes *(33 71 19 00-0001)*

See CSI section 33 05 16 13-0427 for handholes.

33 71 19 00-0003	EA	24" x 36" x 24", Electric Pull Boxes, Precast Concrete	1,313.83
33 71 19 00-0004	EA	24" x 36" x 36", Electric Pull Boxes, Precast Concrete	1,559.90
33 71 19 00-0005	EA	30" x 48" x 36", Electric Pull Boxes, Precast Concrete	1,793.88
33 71 19 00-0006	EA	36" x 72" x 24", Electric Pull Boxes, Precast Concrete	2,723.75
33 71 19 00-0007	EA	36" x 60" x 36", Electric Pull Boxes, Precast Concrete	2,890.58
33 71 19 00-0008	EA	48" x 48" x 36", Electric Pull Boxes, Precast Concrete	3,101.34
33 71 19 00-0009	EA	48" x 60" x 48", Electric Pull Boxes, Precast Concrete	3,562.97

33 71 19 00-0010 Electrical Pull Boxes (CALTRAN) *(33 71 19 00-0001)*

33 71 19 00-0011	EA	Body, CALTRANS 3-1/2 Precast Concrete Pull Box	89.13
33 71 19 00-0012	EA	Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	30.87
33 71 19 00-0013	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	49.62
33 71 19 00-0014	EA	Bolt Down Cast Iron Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	94.44
33 71 19 00-0015	EA	Bolt Down Steel Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	140.92
		For Galvanized Steel Cover, Add	*22.50*
33 71 19 00-0016	EA	12" Extension, CALTRANS 3-1/2 Precast Concrete Pull Box	42.47
33 71 19 00-0017	EA	Flat Plate Base, CALTRANS 3-1/2 Precast Concrete Pull Box	42.47
33 71 19 00-0018	EA	Body, CALTRANS 5 Precast Concrete Pull Box	129.17
33 71 19 00-0019	EA	Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	39.67
33 71 19 00-0020	EA	Bolt Down Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	58.42
33 71 19 00-0021	EA	Bolt Down Steel Cover, CALTRANS 5 Precast Concrete Pull Box	183.82
		For Galvanized Steel Cover, Add	*41.25*
33 71 19 00-0022	EA	12" Extension, CALTRANS 5 Precast Concrete Pull Box	56.22
33 71 19 00-0023	EA	Flat Plate Base, CALTRANS 5 Precast Concrete Pull Box	53.20
33 71 19 00-0024	EA	Body, CALTRANS 6 Precast Concrete Pull Box	137.97
33 71 19 00-0025	EA	Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	51.49
33 71 19 00-0026	EA	Bolt Down Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	70.24
33 71 19 00-0027	EA	Bolt Down Steel Cover, CALTRANS 6 Precast Concrete Pull Box	248.72
		For Galvanized Steel Cover, Add	*57.75*
33 71 19 00-0028	EA	12" Extension, CALTRANS 6 Precast Concrete Pull Box	65.02
33 71 19 00-0029	EA	Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	61.72
33 71 19 00-0030	EA	6" Return Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	81.52
33 71 19 00-0031	EA	Body, CALTRANS 3-1/2-T Precast Concrete Pull Box	169.71
33 71 19 00-0032	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2-T Precast Concrete Pull Box	219.02
33 71 19 00-0033	EA	12" Extension, CALTRANS 3-1/2-T Precast Concrete Pull Box	76.02
33 71 19 00-0034	EA	Flat Plate Base, CALTRANS 3-1/2-T Precast Concrete Pull Box	70.52
33 71 19 00-0035	EA	Body, CALTRANS 5-T Precast Concrete Pull Box	225.97
33 71 19 00-0036	EA	Bolt Down Concrete Cover, CALTRANS 5-T Precast Concrete Pull Box	312.52
33 71 19 00-0037	EA	12" Extension, CALTRANS 5-T Precast Concrete Pull Box	89.22
33 71 19 00-0038	EA	Flat Plate Base, CALTRANS 5-T Precast Concrete Pull Box	87.02
33 71 19 00-0039	EA	Body, CALTRANS 6-T Precast Concrete Pull Box	306.27
33 71 19 00-0040	EA	Bolt Down Concrete Cover, CALTRANS 6-T Precast Concrete Pull Box	433.52
33 71 19 00-0041	EA	12" Extension, CALTRANS 6-T Precast Concrete Pull Box	144.22
33 71 19 00-0042	EA	Flat Plate Base, CALTRANS 6-T Precast Concrete Pull Box	114.52

33 71 19 00-0043 Electrical Property Line Boxes *(33 71 19)*

33 71 19 00-0044	EA	3'-6" x 2'-9" x 2' Deep Property Line Box	2,426.06	296.85
33 71 19 00-0045	EA	4'-6" x 3'-6" x 4' Deep Property Line Box	2,822.29	307.84
33 71 19 00-0046	EA	6' x 4' x 5' Deep Property Line Box	3,121.98	373.80
33 71 19 00-0047	EA	11'-6" x 4'-6" x 6' Deep Property Line Box	4,764.21	549.72

33 71 19 00-0048 Underground Electrical Concrete Markers *(33 71 19)*

33 71 19 00-0049	EA	36" x 6" x 6", Underground Electric Concrete Marker	246.71

33 71 19 00-0050 Manhole Accessories *(33 71 19)*

33 71 19 00-0051	EA	6" Precast Grade Ring Riser Casting	339.40
33 71 19 00-0052	EA	12" Precast Grade Ring Riser Casting	367.55
33 71 19 00-0053	EA	36" Opening Cast Iron Frame And Cover NEENAH #R-1640-D	1,259.66
33 71 19 00-0054	EA	42" Opening Cast Iron Frame And Cover NEENAH #R-1740-E1	1,639.88
33 71 19 00-0055	EA	Cast Iron Adjusting Ring NEENAH #R-1979	549.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 71 19 00-0056	EA	Cast Iron Frame And Cover NEENAH #R-1640-B	691.39	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

34 Transportation

34 40 Transportation Signaling and Control Equipment *(34)*

34 41 Roadway Signaling and Control Equipment *(34 40)*

34 41 13 Traffic Signals *(34 41)*

34 41 13 00-0001 Traffic Signals *(34 41 13)*

34 41 13 00-0002	EA	Single Traffic Signal Head, 4 Way Pattern	4,616.06	565.05
34 41 13 00-0003	EA	Traffic Signal Loops, Per Loop Note: Includes saw cutting, sealing and splicing into leads in street.	322.94	

34 41 13 00-0004 Overhead Traffic Signals *(34 41 13)*

34 41 13 00-0005	EA	Signal Head, Polycarbonate/LED, 1-F/5-S, Plumb Mounted	1,355.43	
34 41 13 00-0006	EA	Vehicle Signal Face, 1 - 12" Section	350.66	120.07
34 41 13 00-0007	EA	Vehicle Signal Face, 2 - 12" Sections	556.80	169.52
34 41 13 00-0008	EA	Vehicle Signal Face, 3 - 12" Sections	764.55	207.18
34 41 13 00-0009	EA	Vehicle Signal Face, 3 - 12" Sections, Middle Section Blank	731.72	207.18
34 41 13 00-0010	EA	Vehicle Signal Face, 4 - 12" Sections	953.90	230.73
34 41 13 00-0011	EA	Vehicle Signal Face, 5 - 12" Sections	1,124.40	244.86
34 41 13 00-0012	EA	Vehicle Signal Face, 5 - 12" Sections, Cluster	1,187.87	244.86
34 41 13 00-0013	EA	Vehicle Signal Face, 1 - 8" Section	334.25	120.07
34 41 13 00-0014	EA	Vehicle Signal Face, 2 - 8" Sections	523.97	169.52
34 41 13 00-0015	EA	Vehicle Signal Face, 3 - 8" Sections	684.66	207.18
34 41 13 00-0016	EA	Vehicle Signal Face, 2 - 8" Sections, 1 - 12" Section	725.15	207.18
34 41 13 00-0017	EA	Vehicle Signal Face, 2 - 8" Sections, 2 - 12" Sections	883.86	230.73
34 41 13 00-0018	EA	Vehicle Signal Face, 3 - 8" Sections, 1 - 12" Section	860.88	230.73
34 41 13 00-0019	EA	Vehicle Signal Face, 3 - 8" Sections, 2 - 12" Sections	1,004.03	244.86
34 41 13 00-0020	EA	Vehicle Signal Face, 3 - 8" Sections, 2 - 12" Sections In Cluster	1,055.46	244.86
34 41 13 00-0021	EA	Vehicle Signal Face, 3 - 12" Sections, Optically Programmed	1,443.01	207.18
34 41 13 00-0022	EA	Vehicle Signal Face, 4 - 12" Sections, Optically Programmed	1,865.45	230.73
34 41 13 00-0023	EA	Vehicle Signal Face, 5 - 12" Sections, Optically Programmed	2,404.73	244.86
34 41 13 00-0024	EA	Vehicle Signal Face, 5 - 12" Sections In Cluster, Optically Programmed	2,596.24	244.86
34 41 13 00-0025	EA	Pedestrian Signal Head	577.98	141.26
34 41 13 00-0026	EA	Pedestrian Signal Insert	348.08	70.64
34 41 13 00-0027	EA	Audible Pedestrian Signal	872.85	
34 41 13 00-0028	EA	Junction Box, Pole Or Post Mounted	346.99	
34 41 13 00-0029	EA	Pedestrian Push Button	318.19	
34 41 13 00-0030	EA	Illuminated Sign, Bracket Mounted, Symbolic	2,492.46	
34 41 13 00-0031	EA	Illuminated Sign, Mast Arm Mounted, Symbolic	2,606.29	
34 41 13 00-0032	EA	Sign, Message, "BLANK OUT", Bracket Mounted	2,736.86	
34 41 13 00-0033	EA	Sign, Message, "BLANK OUT", Mast Arm Mounted	2,913.35	
34 41 13 00-0034	EA	Sign, Fiber Optic, Bracket Mounted	3,107.35	
34 41 13 00-0035	EA	Sign, Fiber Optic, Mast Arm Mounted	3,287.57	
34 41 13 00-0036	EA	15' Steel Straight Mast Arm, MONOTUBE	1,958.86	
		For Curved Mast Arm, Add	*172.72*	
34 41 13 00-0037	EA	20' Steel Straight Mast Arm, MONOTUBE	2,058.07	
		For Curved Mast Arm, Add	*179.92*	
34 41 13 00-0038	EA	25' Steel Straight Mast Arm, MONOTUBE	2,200.18	
		For Curved Mast Arm, Add	*197.19*	
34 41 13 00-0039	EA	30' Steel Straight Mast Arm, MONOTUBE	2,947.63	
		For Curved Mast Arm, Add	*297.94*	
34 41 13 00-0040	EA	35' Steel Straight Mast Arm, MONOTUBE	3,539.12	
		For Curved Mast Arm, Add	*372.78*	
34 41 13 00-0041	EA	40' Steel Straight Mast Arm, MONOTUBE	3,796.51	
		For Curved Mast Arm, Add	*404.45*	
34 41 13 00-0042	EA	45' Steel Straight Mast Arm, MONOTUBE	4,178.63	
		For Curved Mast Arm, Add	*438.99*	
34 41 13 00-0043	EA	50' Steel Straight Mast Arm, MONOTUBE	4,742.41	
		For Curved Mast Arm, Add	*499.45*	
34 41 13 00-0044	EA	55' Steel Straight Mast Arm, MONOTUBE	5,408.47	
		For Curved Mast Arm, Add	*557.02*	
34 41 13 00-0045	EA	60' Steel Straight Mast Arm, MONOTUBE	5,854.26	
		For Curved Mast Arm, Add	*581.49*	
34 41 13 00-0046	EA	65' Steel Straight Mast Arm, MONOTUBE	6,789.29	
		For Curved Mast Arm, Add	*679.36*	
34 41 13 00-0047	EA	70' Steel Straight Mast Arm, MONOTUBE	9,057.68	
		For Curved Mast Arm, Add	*821.85*	
34 41 13 00-0048	EA	4' Steel Curved Luminaire Mast Arm	674.36	
		For High Rise Arm, Add	*53.83*	
34 41 13 00-0049	EA	6' Steel Curved Luminaire Mast Arm	875.31	
		For High Rise Arm, Add	*71.97*	
34 41 13 00-0050	EA	8' Steel Curved Luminaire Mast Arm	1,095.10	
		For High Rise Arm, Add	*90.10*	
34 41 13 00-0051	EA	10' Steel Curved Luminaire Mast Arm	1,513.63	
		For High Rise Arm, Add	*105.93*	
34 41 13 00-0052	EA	12' Steel Curved Luminaire Mast Arm	1,666.34	
		For High Rise Arm, Add	*124.93*	
34 41 13 00-0053	EA	15' Steel Curved Luminaire Mast Arm	1,736.24	
		For High Rise Arm, Add	*139.33*	
34 41 13 00-0054	EA	18' Steel Curved Luminaire Mast Arm	1,852.49	
		For High Rise Arm, Add	*152.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0055	EA	20' Steel Curved Luminaire Mast Arm	1,967.87	
		For High Rise Arm, Add	*166.39*	
34 41 13 00-0056	EA	15' Tubular Aluminum Post	715.74	
34 41 13 00-0057	EA	17' Tubular Aluminum Post	763.83	
34 41 13 00-0058	EA	20' Tubular Aluminum Post	850.80	
34 41 13 00-0059	EA	14' High Galvanized Steel Traffic Signal Pole Note: For mast arm.	2,346.04	
34 41 13 00-0060	EA	21' High Galvanized Steel Traffic Signal Pole Note: For mast arm.	3,535.88	
34 41 13 00-0061	EA	22' High Galvanized Steel Traffic Signal Pole Note: For mast arm and luminare arm.	3,670.21	
34 41 13 00-0062	EA	30' High Galvanized Steel Traffic Signal Pole, Tapered, For >55' Mast Arm Note: For mast arm and luminare arm.	4,965.01	
34 41 13 00-0063	EA	32' High Galvanized Steel Traffic Signal Pole, Tapered, For Up To 55' Mast Arm Note: For mast arm and luminare arm.	5,224.68	
34 41 13 00-0064	EA	30' High Galvanized Steel Traffic Signal Pole, Tapered, For Up To 55' Mast Arm	4,117.06	
34 41 13 00-0065	EA	30' High Galvanized Steel Traffic Signal Pole, Octaflute	3,679.64	
34 41 13 00-0066	EA	30' (High Spun Aluminum Traffic Signal Pole, Tapered	3,018.03	
34 41 13 00-0067	EA	Type 26-6-70 Signal Pole With 55' SMA And 20' LMA	12,924.12	
34 41 13 00-0068	EA	Type 29-6-70 Signal Pole With 65' SMA And 20' LMA	15,006.88	
34 41 13 00-0069	EA	CUT-OFF POLE AND CAPPED	126.25	
34 41 13 00-0070	EA	PAINT EXISTING SL/TS CONTROLLER COMPLETE	37.64	
34 41 13 00-0071	EA	PAINT EXISTING TS POST COMPLETE	178.94	
34 41 13 00-0072	EA	1 Channel Loop Detector Amp	1,040.28	
34 41 13 00-0073	EA	4 Channel Loop Detector Amp	1,956.71	
34 41 13 00-0074	LF	Detector Loop Note: Includes Saw Cutting, Sealing And Splicing Into Leads In Street.	21.22	
34 41 13 00-0075	LF	Detector Loop Cable (Lead Wire)	19.72	
34 41 13 00-0076	LF	Detector Loop Cable, Loop Type B	14.76	
34 41 13 00-0077	EA	FLASHING BEACON WITH DOWNLIGHT	1,519.89	
34 41 13 00-0078	EA	Flashing Beacon, Bracket Mounted	536.53	
34 41 13 00-0079	EA	Flashing Beacon, Mast Arm Mounted	536.53	
34 41 13 00-0080	EA	Flashing Beacon, Solar Powered, Bracket Mounted	13,254.17	
34 41 13 00-0081	EA	ACCUWAVE DETECTOR	2,802.52	
34 41 13 00-0082	EA	RTMS DETECTOR	8,608.76	
34 41 13 00-0083	LF	LEAD-IN CABEL: ACCUWAVE/RTMS DET	6.10	
34 41 13 00-0084	LF	CABLE IN CONDUIT, #14, 2/C SHIELDED	4.15	
34 41 13 00-0085	LF	CABLE IN CONDUIT, #4, 2/C	6.42	
34 41 13 00-0086	LF	CABLE IN CONDUIT, #12, 7/C	6.42	
34 41 13 00-0087	LF	CABLE IN CONDUIT, #12, 10/C	7.47	
34 41 13 00-0088	LF	CABLE IN CONDUIT, #12, 19/C	9.62	
34 41 13 00-0089	EA	TERMINATIONS #12, 7/C	125.75	
34 41 13 00-0090	EA	SPLICE CABLES IN MH, #12, 7/C	329.85	
34 41 13 00-0091	EA	CIRCUIT BREAKER - 2P, 240V	265.00	
34 41 13 00-0092	LF	HARNESS CABLE, #16, 8/C	5.12	
34 41 13 00-0093	LF	CABLE, T.S., AERIAL, TEMP	7.06	
34 41 13 00-0094	EA	7-WIRE MASTER INTERCONNECT	953.59	
34 41 13 00-0095	EA	7-WIRE SLAVE INTERCONNECT	915.21	
34 41 13 00-0096	LF	F.O. HYBRID CABLE, IN CONDUIT	6.56	
34 41 13 00-0097	LF	INNERDUCT IN CONDUIT, 1-1/4"	4.67	
		For 2 Pulled At Same Time, Deduct	*-1.70*	
		For >2 Pulled At Same Time, Deduct	*-2.26*	
34 41 13 00-0098	EA	CABLE IN CONDUIT, With STEEL CONNECTION	8.46	
34 41 13 00-0099	EA	Service Equipment Enclosure, Type III-AF	743.16	
34 41 13 00-0100	EA	12", 3 Section Signal, Mast Arm Mounted	1,023.17	
34 41 13 00-0101	EA	8", 3 Section Signal, Mast Arm Mounted	914.22	
34 41 13 00-0102	EA	12" FCV Visor	55.13	
34 41 13 00-0103	EA	8" FCV Visor	40.53	
34 41 13 00-0104	EA	Eggcrate Visor	53.32	
34 41 13 00-0105	EA	Pedestrian H/M	638.43	
34 41 13 00-0106	EA	Pedestrian Audio	692.19	
34 41 13 00-0107	EA	Adjustable Pushbutton	186.22	
34 41 13 00-0108	EA	ADA Cap And Switch	226.38	
34 41 13 00-0109	EA	3 Section 12" Backplate	91.15	
34 41 13 00-0110	EA	3 Section 12" MAS Mount Backplate	134.55	
34 41 13 00-0111	EA	3 Section 8" Backplate	74.38	
34 41 13 00-0112	EA	12" Red LED Lenses	152.90	
34 41 13 00-0113	EA	12" Amber LED Lenses	162.95	
34 41 13 00-0114	EA	12" Green LED Lenses	273.12	
34 41 13 00-0115	EA	12" Red Arrow	152.10	
34 41 13 00-0116	EA	12" Amber Arrow	144.74	
34 41 13 00-0117	EA	12" Green Arrow	209.18	
34 41 13 00-0118	EA	8" Red	150.61	
34 41 13 00-0119	EA	8" Amber	145.17	
34 41 13 00-0120	EA	8" Green	171.98	
34 41 13 00-0121	EA	Hand/Man	257.07	
34 41 13 00-0122	EA	Frameworks, 8" TV-1-T	313.98	
34 41 13 00-0123	EA	Frameworks, 8" TV-2-T	352.99	
34 41 13 00-0124	EA	Frameworks, MAT MT	96.21	
34 41 13 00-0125	EA	Frameworks, MAS MT	104.01	
34 41 13 00-0126	EA	Frameworks, 3W PT TC	211.37	
34 41 13 00-0127	EA	Frameworks, 2W PT TC	208.59	
34 41 13 00-0128	EA	Frameworks, 2W SM TC	198.19	
34 41 13 00-0129	EA	Frameworks, SV-1	133.25	
34 41 13 00-0130	EA	Frameworks, TV-1	129.35	
34 41 13 00-0131	EA	Type III Service Pedestal	2,370.82	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0132	EA	Single Fuse Holder	25.67	
34 41 13 00-0133	EA	Double Fuse Holder	58.43	
34 41 13 00-0134	EA	Pullbox, 1-1/2" x 20" x 14"	59.72	
34 41 13 00-0135	EA	Pullbox, 5" x 28" x 18"	79.40	
34 41 13 00-0136	EA	Pullbox, 6" x 36" x 23"	102.77	
34 41 13 00-0137	EA	Pullbox Lids, FL9D	58.07	
34 41 13 00-0138	EA	Pullbox Lids, FL30D	105.90	
34 41 13 00-0139	EA	Pullbox Lids, FL36D	29.06	
34 41 13 00-0140	EA	LED Enhanced Pedestrian Crossing Symbol Sign Note: 2 required per system.	1,015.75	75.37
34 41 13 00-0141	EA	42" Height, 8-1/2" Diameter Automatic Bollard Activation System Note: 4 required per system.	2,993.89	452.24
34 41 13 00-0142	EA	Power Control Unit With Enclosure (Solar) Note: LightGuard Systems solar power equipment Includes: one solar array consisting of 1 Siemens SP70 solar power module (21" x 47" to be pole mounted, pole not included), #14 AWG solar tray cable, mounting hardware, one enclosure (16-1/2" width x 27-1/2" height x 15" depth), two 12V 80AH deep cycle gel cell batteries and a solar power control unit (PCU).	9,864.79	301.49
34 41 13 00-0143	EA	Power Control Unit With Enclosure (A/C)	6,382.58	301.49
34 41 13 00-0144	EA	Push Button Assembly With Sign	626.59	150.75
34 41 13 00-0145	EA	Advanced Warning Signs	1,161.21	150.75
34 41 13 00-0146	EA	Traffic Signal Controller Unit, TS 2 Type 1	3,428.13	
34 41 13 00-0147	EA	Traffic Signal Controller Unit, TS 2 Type 2	3,521.15	
34 41 13 00-0148	EA	Traffic Signal Controller Unit, TS 2 Type 2 Econolite Model ASC/2S-2100	28,925.32	
34 41 13 00-0149	EA	1 Channel, 1 Way Optical Detector	564.31	
34 41 13 00-0150	EA	1 Channel, 2 Way Optical Detector	495.35	
34 41 13 00-0151	EA	2 Channel Optical Detector	674.82	
34 41 13 00-0152	EA	2 Channel Phase Selector	1,874.17	
34 41 13 00-0153	EA	4 Channel Phase Selector	2,908.29	
34 41 13 00-0154	EA	Malfunction Management Unit	957.89	
34 41 13 00-0155	EA	Optical Detector For Pole-Side Mounting, 1 Channel, 1 Way	564.31	
34 41 13 00-0156	EA	Optical Detector For Pole-Side Mounting, 1 Channel, 2 Way	619.02	
34 41 13 00-0157	EA	Optical Detector For Pole-Side Mounting, 2 Channel	798.49	
34 41 13 00-0158	EA	Optical Detector For Pedestal Or Pipe Mounting, 1 Channel, 1 Way	564.31	
34 41 13 00-0159	EA	Optical Detector For Pedestal Or Pipe Mounting, 1 Channel, 2 Way	619.02	
34 41 13 00-0160	EA	Optical Detector For Pedestal Or Pipe Mounting, 2 Channel	798.49	
34 41 13 00-0161	EA	Optical Detector For Span Wire Mounting, 1 Channel, 1 Way	564.31	
34 41 13 00-0162	EA	Optical Detector For Span Wire Mounting, 1 Channel, 2 Way	619.02	
34 41 13 00-0163	EA	Optical Detector For Span Wire Mounting, 2 Channel	798.49	
34 41 13 00-0164	EA	Optical Detector For Signal Top Mounting, 1 Channel, 1 Way	564.31	
34 41 13 00-0165	EA	Optical Detector For Signal Top Mounting, 1 Channel, 2 Way	619.02	
34 41 13 00-0166	EA	Optical Detector For Signal Top Mounting, 2 Channel	798.49	
34 41 13 00-0167	EA	Time Switch, 1-Circuit	135.20	
34 41 13 00-0168	EA	Digital Loop-Type Vehicle Detector Card, 2-Channel, Normal	193.51	
34 41 13 00-0169	EA	Digital Loop-Type Vehicle Detector Card, 2-Channel, Stretch/Delay	251.51	
34 41 13 00-0170	EA	Digital Loop-Type Vehicle Detector Card, 4-Channel, Normal	355.47	
34 41 13 00-0171	EA	Digital Loop-Type Vehicle Detector Card, 4-Channel, Stretch/Delay	445.20	
34 41 13 00-0172	EA	Digital Loop-Type Vehicle Detector Card Rack With Power Supply	1,200.27	
34 41 13 00-0173	EA	Digital Loop-Type Vehicle Detector Card Rack With Power Supply For Remote Detector Cabinet	1,200.27	
34 41 13 00-0174	EA	Power Line Surge Protector - Edco SHP 300-10	113.47	
34 41 13 00-0175	EA	Loop Detector Surge Protector - Edco SRA-6LC	59.26	
34 41 13 00-0176	EA	Controller Cabinet; Econolite Type "O"	16,864.71	
34 41 13 00-0177	EA	Controller Cabinet With 1 Detector Rack And 1 Load Switch Bay	7,588.32	
34 41 13 00-0178	EA	Controller Cabinet With 1 Detector Rack And 2 Load Switch Bays	8,212.08	
34 41 13 00-0179	EA	Controller Cabinet With 2 Detector Racks And 1 Load Switch Bay	8,961.67	
34 41 13 00-0180	EA	Controller Cabinet With 2 Detector Racks And 2 Load Switch Bays	9,191.47	
34 41 13 00-0181	EA	Speed Limit Beacon Control Cabinet	3,865.85	
34 41 13 00-0182	EA	Remote Detector Cabinet	2,169.68	
34 41 13 00-0183	EA	Traffic Signal Hand Control	571.35	
34 41 13 00-0184	EA	Extra Pedestrian Detector Isolation Assembly	461.93	
34 41 13 00-0185	EA	Fiber Optic Transceivers-Repeter Module	804.38	
34 41 13 00-0186	EA	Field Transceiver-Repeater	392.18	
34 41 13 00-0187	EA	Load Switch	55.05	
34 41 13 00-0188	EA	30" Pedestal With Base Plate And Cover	485.48	
34 41 13 00-0189	EA	8' Pedestal With Base Plate And Cover	703.56	
34 41 13 00-0190	EA	11' Pedestal With Base Plate And Cover	782.03	
34 41 13 00-0191	EA	15' Pedestal With Base Plate And Cover	872.38	
34 41 13 00-0192	LF	#14 Signal Cable, 2-Conductor	1.27	
34 41 13 00-0193	LF	#14 Signal Cable, 3-Conductor	1.45	
34 41 13 00-0194	LF	#14 Signal Cable, 4-Conductor	1.61	
34 41 13 00-0195	LF	#14 Signal Cable, 5-Conductor	1.77	
34 41 13 00-0196	LF	#14 Signal Cable, 6-Conductor	1.96	
34 41 13 00-0197	LF	#14 Signal Cable, 8-Conductor	2.30	
34 41 13 00-0198	LF	#14 Signal Cable, 12-Conductor	3.14	
34 41 13 00-0199	LF	#14 Signal Cable, 16-Conductor	3.76	
34 41 13 00-0200	LF	#14 Signal Cable, 20-Conductor	4.28	
34 41 13 00-0201	LF	#16 Signal Cable, 2-Conductor	1.23	
34 41 13 00-0202	LF	#16 Signal Cable, 3-Conductor	1.39	
34 41 13 00-0203	LF	#16 Signal Cable, 4-Conductor	1.53	
34 41 13 00-0204	LF	#16 Signal Cable, 5-Conductor	1.67	
34 41 13 00-0205	LF	#16 Signal Cable, 6-Conductor	1.84	
34 41 13 00-0206	LF	#16 Signal Cable, 8-Conductor	2.14	
34 41 13 00-0207	LF	#16 Signal Cable, 12-Conductor	2.90	
34 41 13 00-0208	LF	#16 Signal Cable, 16-Conductor	3.45	
34 41 13 00-0209	LF	#16 Signal Cable, 20-Conductor	3.87	
34 41 13 00-0210	LF	6-Fiber Interconnect Cable, Fiber Optic, Single Mode	1.03	
34 41 13 00-0211	LF	12-Fiber Interconnect Cable, Fiber Optic, Single Mode	1.10	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0212	LF	24-Fiber Interconnect Cable, Fiber Optic, Single Mode	1.29	
34 41 13 00-0213	LF	36-Fiber Interconnect Cable, Fiber Optic, Single Mode	1.47	
34 41 13 00-0214	LF	48-Fiber Interconnect Cable, Fiber Optic, Single Mode	1.66	
34 41 13 00-0215	LF	72-Fiber Interconnect Cable, Fiber Optic, Single Mode	1.97	
34 41 13 00-0216	LF	96-Fiber Interconnect Cable, Fiber Optic, Single Mode	2.28	
34 41 13 00-0217	LF	144-Fiber Interconnect Cable, Fiber Optic, Single Mode	2.83	
34 41 13 00-0218	LF	3/16" Diameter Messenger Cable	0.73	0.09
		For <100, Add	*0.21*	
		For >500 To 1000, Deduct	*-0.04*	
		For >1000 To 2000, Deduct	*-0.05*	
		For >2000, Deduct	*-0.07*	
34 41 13 00-0219	LF	1/4" Diameter Messenger Cable	0.95	0.09
		For <100, Add	*0.29*	
		For >500 To 1000, Deduct	*-0.05*	
		For >1000 To 2000, Deduct	*-0.07*	
		For >2000, Deduct	*-0.10*	
34 41 13 00-0220	LF	3/8" Diameter Messenger Cable	1.51	0.09
		For <100, Add	*0.46*	
		For >500 To 1000, Deduct	*-0.08*	
		For >1000 To 2000, Deduct	*-0.11*	
		For >2000, Deduct	*-0.15*	
34 41 13 00-0221	LF	1/2" Diameter Messenger Cable	2.21	0.17
		For <100, Add	*0.64*	
		For >500 To 1000, Deduct	*-0.11*	
		For >1000 To 2000, Deduct	*-0.17*	
		For >2000, Deduct	*-0.22*	
34 41 13 00-0222	EA	4' Diameter x 10' Concrete Base For Poles Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.	1,811.76	
34 41 13 00-0223	EA	4' Diameter x 16' Concrete Base For Poles Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.	2,882.97	
34 41 13 00-0224	EA	Single Strand Termination For Fiber Optics	2.72	
34 41 13 00-0225	EA	Signal Head, Polycarbonate/LED, 1-F/3-S, Bracket Mounted	1,153.20	
34 41 13 00-0226	EA	Signal Head, Polycarbonate/LED, 1-F/4-S, Bracket Mounted	1,468.75	
34 41 13 00-0227	EA	Signal Head, Polycarbonate/LED, 1-F/5-S, Bracket Mounted	1,591.63	
34 41 13 00-0228	EA	Optically Programmed Signal Head, 1-F/3-S, Bracket Mounted	2,790.35	
34 41 13 00-0229	EA	Optically Programmed Signal Head, 1-F/4-S, Bracket Mounted	4,192.40	
34 41 13 00-0230	EA	Optically Programmed Signal Head, 1-F/5-S, Bracket Mounted	4,740.91	
34 41 13 00-0231	EA	Signal Head, Polycarbonate/LED, 1-F/3-S, Mast Arm Mounted	1,371.22	
34 41 13 00-0232	EA	Signal Head, Polycarbonate/LED, 1-F/4-S, Mast Arm Mounted	1,768.66	
34 41 13 00-0233	EA	Signal Head, Polycarbonate/LED, 1-F/5-S, Mast Arm Mounted	1,830.15	
34 41 13 00-0234	EA	Optically Programmed Signal Head, 1-F/3-S, Mast Arm Mounted	3,091.30	
34 41 13 00-0235	EA	Optically Programmed Signal Head, 1-F/4-S, Mast Arm Mounted	4,359.69	
34 41 13 00-0236	EA	Optically Programmed Signal Head, 1-F/5-S, Mast Arm Mounted	4,851.15	
34 41 13 00-0237	EA	Pedestrian Signal Head, Polycarbonate/LED, 1-F/ 2-S, Bracket Mounted	882.00	
34 41 13 00-0238	EA	Internally Illuminated Street Name Sign, 1 Line, 4'	1,514.77	188.35
34 41 13 00-0239	EA	Internally Illuminated Street Name Sign, 1 Line, 6'	1,871.57	235.44
34 41 13 00-0240	EA	Internally Illuminated Street Name Sign, 1 Line, 8'	2,053.30	282.52
34 41 13 00-0241	EA	Internally Illuminated Street Name Sign, 1 Line, 10'	2,322.57	329.61
34 41 13 00-0242	EA	Internally Illuminated Street Name Sign, 1 Line, 12'	2,504.28	376.70
34 41 13 00-0243	EA	Internally Illuminated Street Name Sign, 2 Line, 4'	2,342.06	188.35
34 41 13 00-0244	EA	Internally Illuminated Street Name Sign, 2 Line, 6'	2,887.08	235.44
34 41 13 00-0245	EA	Internally Illuminated Street Name Sign, 2 Line, 8'	3,130.09	282.52
34 41 13 00-0246	EA	Internally Illuminated Street Name Sign, 2 Line, 10'	3,504.41	329.61
34 41 13 00-0247	EA	Internally Illuminated Street Name Sign, 2 Line, 12'	3,773.67	376.70
34 41 13 00-0248	EA	Photoelectric Controller, Multi-Volt	59.29	21.44
34 41 13 00-0249	EA	Photoelectric Controller, 120 Volt	63.63	21.44
34 41 13 00-0250	EA	Photoelectric Controller, 480 Volt	63.63	21.44
34 41 13 00-0251	EA	Wi-Fi Communication Unit	789.12	94.18
34 41 13 00-0252	EA	Wi-Fi Communication Unit Mounting Bracket	195.98	70.64
34 41 13 00-0253	EA	Wi-Fi Communication Unit Power Supply / POE Injector	169.69	47.08
34 41 13 00-0254	EA	Wi-Fi Communication Unit Packet	1,154.78	141.26
34 41 13 00-0255	EA	Ethernet Switch	2,886.63	37.69
34 41 13 00-0256	LF	Preemptor Detector Cable	1.20	
34 41 13 00-0257	EA	Fiber Optic Connector, Off-White Boot Or White Band	47.42	
34 41 13 00-0258	EA	Fiber Optic Connector, Red Boot Or Yellow Band	47.42	
34 41 13 00-0259	EA	Fiber Optic Splice Closure, Underground, 48-Splice	213.02	
34 41 13 00-0260	EA	Fiber Optic Splice Closure, Underground, 96-Splice	335.35	
34 41 13 00-0261	EA	Fiber Optic Splice Closure, Underground, 144-Splice	457.68	
34 41 13 00-0262	EA	Fiber Optic Splice Closure, Aerial, 48-Splice	259.47	70.64
34 41 13 00-0263	EA	Fiber Optic Splice Closure, Aerial, 96-Splice	382.39	72.99
34 41 13 00-0264	EA	Fiber Optic Splice Closure, Aerial, 144-Splice	505.31	75.34
34 41 13 00-0265	EA	Sno-Shoe Cable Storage Assembly	152.82	
34 41 13 00-0266	CLF	Detectable Underground Marking Tape	6.63	

34 41 16 Traffic Control Equipment *(34 41)*

34 41 16 00-0001	EA	CONTROLLER/SL/POLE MTD/1-PHASE/100A	6,530.70	
34 41 16 00-0002	EA	CONTROLLER/SL/ON EMB POLE 1-PH/100A	6,605.68	
34 41 16 00-0003	EA	CONTROLLER, SL, 3-PHASE, 100A, BASE MTD	8,037.04	
34 41 16 00-0004	EA	CONTROLLER, SL, 3-PHASE, 200A, BASE MTD	9,555.83	
34 41 16 00-0005	EA	CONTROLLER/SL/BASE MTD/1-PHASE/100A	7,829.52	
34 41 16 00-0006	EA	CONTROLLER/SL/BASE MTD/1-PHASE/200A	8,680.10	
34 41 16 00-0007	EA	CONTROLLER, TS, 12-BAY, "M" CABINET	14,294.13	
34 41 16 00-0008	EA	CONTROLLER, TS, 12-BAY, "P" CABINET	15,217.17	
34 41 16 00-0009	EA	CONTROLLER, TS, 12-BAY "P" CABINET With FO MASTER	21,747.96	
34 41 16 00-0010	EA	CONTROLLER, TS, 16-BAY, "P" CABINET	17,239.86	
34 41 16 00-0011	EA	CONTROLLER, TS, POST-MTD, TEMP	2,787.86	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 16 00-0012	EA	CONTROLLER, PEDESTRIAN CROSSING, ADD-IN	515.65	
34 41 16 00-0013	EA	CONCRETE BLOCK PEDESTAL	539.61	
34 41 16 00-0014	WK	MAINTAIN EXIST TS INSTALLATION	229.15	
34 41 16 00-0015	EA	INST SIGN BOARDS, ST. NAME	416.46	
34 41 16 00-0016	EA	F.O. ADD-IN FOR LOCAL CONTROLLER	7,232.33	
34 41 16 00-0017	EA	F.O. ADD-IN FOR MASTER CONTROLLER	17,470.33	
34 41 16 00-0018	EA	F.O. STAR MODEM	6,036.67	

34 41 23 Roadway Monitoring Equipment *(34 41)*

34 41 23 00-0001 Radar Speed Display Signs *(34 41 23)*

34 41 23 00-0002	EA	Pole Mounted Radar Speed Sign; RU2 Systems, Inc. Model 250	2,797.52	
34 41 23 00-0003	EA	Pole Mounted Radar Speed Sign; RU2 Systems, Inc. Model 350	3,289.58	
34 41 23 00-0004	EA	Dolly Mounted Radar Speed Sign; RU2 Systems, Inc. Model 500	4,673.86	
34 41 23 00-0005	EA	Trailer Mounted Radar Speed Sign; RU2 Systems, Inc. Model 600	5,871.90	
34 41 23 00-0006	EA	Trailer Mounted Radar Speed Sign; RU2 Systems, Inc. Model 750	7,373.23	
34 41 23 00-0007	EA	Trailer Mounted Radar Speed Sign; RU2 Systems, Inc. Model 800	7,716.78	
34 41 23 00-0008	EA	Trailer Mounted Radar Speed Sign; RU2 Systems, Inc. Model 950	9,346.47	
34 41 23 00-0009	EA	Trailer Mounted Radar Speed Sign; RU2 Systems, Inc. Model 1000	10,699.30	

34 70 Transportation Construction And Equipment *(34)*

34 71 Roadway Construction *(34 70)*

34 71 13 Vehicle Barriers *(34 71)*

34 71 13 13 Vehicle Median Barriers *(34 71 13)*

34 71 13 13-0001 Concrete Median Barrier *(34 71 13 13)*

34 71 13 13-0002	LF	Median Barrier, Precast, 42" High Single Face	47.39	2.99
34 71 13 13-0003	LF	Median Barrier, Precast, 32" High, 2' Wide Base, Double Face	50.33	2.99
34 71 13 13-0004	LF	Median Barrier, Precast, 42" High, 2' Wide Base, Double Face	54.57	2.99
34 71 13 13-0005	LF	Median Barrier, Cast In Place With Steel Forms	33.76	4.54
34 71 13 13-0006	LF	Median Barrier, Slipformed Concrete	27.68	2.44

34 71 13 16 Vehicle Crash Barriers *(34 71 13)*

34 71 13 16-0001 Impact Barrier, Non-Redirective *(34 71 13 16)*

34 71 13 16-0002 Sand Barrel Impact Attenuator *(34 71 13 16-0001)*

Note: Includes containers, inserts, and lid. Excludes sand.

34 71 13 16-0003	EA	200, 400 Or 700 LB Sand Barrel Note: Includes containers, inserts, and lid.	472.62	38.19

34 71 13 26 Vehicle Guide Rails *(34 71 13)*

34 71 13 26-0001 6" x 8" Box Beam Median Barrier *(34 71 13 26)*

34 71 13 26-0002	LF	Median Barrier, 6" x 8" Steel Box Beam	62.42	5.31
34 71 13 26-0003	LF	Median Barrier, Shop Curved	45.80	7.30
34 71 13 26-0004	LF	Median Barrier, Corrugated Beam	20.59	1.99

34 71 13 26-0005 Corrugated Beam Guide Rail *(34 71 13 26)*

34 71 13 26-0006	LF	Corrugated Steel Guard Rail, Galvanized Posts 6'-3" On Center	30.92	7.97
		For Radius Bends, Add	*1.50*	
34 71 13 26-0007	LF	Corrugated Steel Guard Rail, Galvanized Posts 12'-6" On Center	22.33	5.31
		For Radius Bends, Add	*1.50*	
34 71 13 26-0008	LF	Corrugated Steel Guard Rail, Wood Posts 6'-3" On Center	63.43	12.03
		For Radius Bends, Add	*1.50*	
34 71 13 26-0009	LF	Corrugated Steel Guard Rail, Wood Posts 12'-6" On Center	36.92	12.03
		For Radius Bends, Add	*1.50*	
34 71 13 26-0010	EA	Corrugated Steel Galvanized End Section, Flared	112.04	8.63
34 71 13 26-0011	EA	Corrugated Steel Wrap-Around End Section	151.02	8.63
34 71 13 26-0012	LF	Self Weathering Corrugated Steel Guard Rail Post 12' 6" On Center	80.21	5.31
		For Radius Bends, Add	*1.50*	
34 71 13 26-0013	EA	Self Weathering Corrugated Steel End Section Flared	156.51	8.63
34 71 13 26-0014	EA	Self Weathering Corrugated Steel Wrap Around End Section	203.67	8.63
34 71 13 26-0015	EA	Guard Rail Anchorage Unit	655.21	44.50

34 71 13 26-0016 Timber Guide Rails *(34 71 13 26)*

Note: Includes drilling and fasteners. Excludes excavation, auguring and concrete.

34 71 13 26-0017 Timber Guide Rail Posts *(34 71 13 26-0016)*

34 71 13 26-0018	EA	6" x 8" Timber Guide Rail Post	59.73	8.00
34 71 13 26-0019	EA	6" x 9" Timber Guide Rail Post	67.65	8.00
34 71 13 26-0020	EA	10" x 10" Timber Guide Rail Post	129.67	8.00
34 71 13 26-0021	EA	10" x 12" Timber Guide Rail Post	137.06	8.00
34 71 13 26-0022	EA	12" x 12" Timber Guide Rail Post	158.15	8.00

34 71 13 26-0023 Timber Guide Rails *(34 71 13 26-0016)*

Note: Excludes posts, spacer blocks and steel backup plates.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0024	LF	4" x 9" Timber Guide Rail	7.40	0.96
34 71 13 26-0025	LF	6" x 10" Timber Guide Rail	10.25	0.96
34 71 13 26-0026	LF	6" x 12" Timber Guide Rail	11.92	0.96
34 71 13 26-0027		Spacer Blocks For Timber Guide Rails *(34 71 13 26-0016)*		
34 71 13 26-0028	EA	4" x 9" Spacer Block For Timber Guide Rails	9.65	1.28
34 71 13 26-0029	EA	6" x 8" Spacer Block For Timber Guide Rails	11.02	1.28
34 71 13 26-0030	EA	8" x 8" Spacer Block For Timber Guide Rails	12.76	1.28
34 71 13 26-0031		Weathering Steel Backup Plates For Timber Guide Rails *(34 71 13 26-0016)*		
34 71 13 26-0032	LF	6" High, Weathering Steel Backup Plate For Timber Guide Rails	13.01	0.80
34 71 13 26-0033		Weathering Steel Splice And Bearing Plates For Timber Guide Rails *(34 71 13 26-0016)*		
34 71 13 26-0034	EA	Weathering Steel Splice Plate For Timber Guide Rails	92.90	11.20
34 71 13 26-0035	EA	Weathering Steel Bearing Termination Plate For Timber Guide Rails	58.68	8.00
34 71 13 26-0036		Cable Guide Rail *(34 71 13 26)*		
34 71 13 26-0037	LF	Cable Guard Rail Steel Post 3 Cables At 3/4" Diameter	25.57	1.99
34 71 13 26-0038	LF	Cable Guard Rail Wood Post 3 Cables At 3/4" Diameter	15.55	1.99
34 71 13 26-0039	LF	Cable Guard Rail Steel Post 3 Cables, Double Faced At 3/4" Diameter	58.32	0.67
34 71 13 26-0040	LF	Cable Guard Rail Wood Post 3 Cables, Double Faced At 3/4" Diameter	27.66	0.67
34 71 13 26-0041	EA	Cable Guard Rail Breakaway Wood Post	328.45	44.50
34 71 13 26-0042		6" x 6" Box Beam Guide Rail *(34 71 13 26)*		
34 71 13 26-0043	LF	Guide Rail, 6' x 6" Steel Box Beam	51.80	4.65
34 71 13 26-0044	EA	Guide Rail End Assembly	137.03	13.94
34 71 13 26-0045		Resilient Guard Fence And Light Shield *(34 71 13 26)*		
34 71 13 26-0046	LF	Resilient Guard Fence And Light Shield, Up To 6' High	49.41	5.31
34 71 13 26-0047		Individual Concrete Posts *(34 71 13 26)*		
34 71 13 26-0048	EA	6'-5" Concrete Posts, Round	63.63	5.31
34 71 13 26-0049	EA	6'-5" Concrete Posts, Square	71.20	5.98
34 71 13 26-0050	EA	6'-5" Concrete Posts, Triangular	69.36	5.98

34 71 16 Impact Attenuating Devices *(34 71)*

34 71 16 00-0001 Guard Rail Energy Absorbing Terminals *(34 71 16)*

Note: Crushable foam cartridges surrounded by steel guardrail for narrow hazards. QuadGuard System as manufactured by Energy Absorption Systems, Inc.

34 71 16 00-0002		24" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*		
34 71 16 00-0003	EA	24" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	17,165.50	2,591.35
34 71 16 00-0004	EA	24" Wide, 5 Cartridge, Bays Energy Absorbing Crash Attenuator	23,520.53	3,455.13
34 71 16 00-0005	EA	24" Wide, 7 Cartridge, Bays Energy Absorbing Crash Attenuator	31,699.07	4,534.86
34 71 16 00-0006	EA	24" Wide, 9 Cartridge, Bays Energy Absorbing Crash Attenuator	36,507.79	5,614.58

34 71 19 Vehicle Delineators *(34 71)*

34 71 19 16 Flexible Vehicle Delineators *(34 71 19)*

34 71 19 16-0001	EA	Folding Barrier With Individual Padlocks 3" Diameter Flexible Fixed Stanchion, 3' High	113.19	13.28
34 71 19 16-0002	EA	3" Diameter Flexible Fixed Stanchion, 2' High	42.00	6.64

END OF SECTION 34

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

40 Process Integration

40 05 Common Work Results For Process Integration *(40)*

40 05 13 Common Work Results For Process Piping *(40 05)*

40 05 13 19 Stainless-Steel Process Piping *(40 05 13)*

40 05 13 19-0001 Schedule 40 Pipe, Type 304, With 150 LB Screwed Fittings Assembly *(40 05 13 19)*
Note: Includes hangers and fittings. Fittings are assumed every 10'. Not for use where detail is available.

40 05 13 19-0002	LF	1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150# Screwed Fitting Assembly	22.64	6.50
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*2.49*	
		For Work In Restricted Working Space, Add	*3.92*	
40 05 13 19-0003	LF	3/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150# Screwed Fitting Assembly	25.56	7.45
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*2.61*	
		For Work In Restricted Working Space, Add	*4.66*	
40 05 13 19-0004	LF	1" Stainless Steel Pipe, Schedule 40 Type 304 With 150# Screwed Fitting Assembly	29.76	8.41
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*3.06*	
		For Work In Restricted Working Space, Add	*5.40*	
40 05 13 19-0005	LF	1-1/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150# Screwed Fitting Assembly	34.22	10.15
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*3.86*	
		For Work In Restricted Working Space, Add	*5.81*	
40 05 13 19-0006	LF	1-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150# Screwed Fitting Assembly	37.79	10.44
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*4.42*	
		For Work In Restricted Working Space, Add	*6.23*	
40 05 13 19-0007	LF	2" Stainless Steel Pipe, Schedule 40 Type 304 With 150# Screwed Fitting Assembly	45.78	13.79
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*5.39*	
		For Work In Restricted Working Space, Add	*7.51*	
40 05 13 19-0008	LF	2-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150# Screwed Fitting Assembly	66.67	17.01
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*9.27*	
		For Work In Restricted Working Space, Add	*9.30*	
40 05 13 19-0009	LF	3" Stainless Steel Pipe, Schedule 40 Type 304 With 150# Screwed Fitting Assembly	84.38	19.71
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*12.07*	
		For Work In Restricted Working Space, Add	*11.38*	
40 05 13 19-0010	LF	4" Stainless Steel Pipe, Schedule 40 Type 304 With 150# Screwed Fitting Assembly	115.02	19.71
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*14.44*	

40 05 13 19-0011 Stainless Steel Tubing And Fittings *(40 05 13 19)*

40 05 13 19-0012 Type 304 Tubing *(40 05 13 19-0011)*

40 05 13 19-0013 0.035" Wall *(40 05 13 19-0012)*

40 05 13 19-0014	LF	1/4" Stainless Steel Tubing, Type 304, 0.035" Wall	6.51	2.79
		For Work In Restricted Working Space, Add	*1.66*	
40 05 13 19-0015	LF	3/8" Stainless Steel Tubing, Type 304, 0.035" Wall	7.66	3.31
		For Work In Restricted Working Space, Add	*1.99*	
40 05 13 19-0016	LF	1/2" Stainless Steel Tubing, Type 304, 0.035" Wall	9.06	3.92
		For Work In Restricted Working Space, Add	*2.33*	
40 05 13 19-0017	LF	5/8" Stainless Steel Tubing, Type 304, 0.035" Wall	12.83	4.44
		For Work In Restricted Working Space, Add	*2.66*	
40 05 13 19-0018	LF	3/4" Stainless Steel Tubing, Type 304, 0.035" Wall	14.93	4.96
		For Work In Restricted Working Space, Add	*2.99*	
40 05 13 19-0019	LF	7/8" Stainless Steel Tubing, Type 304, 0.035" Wall	16.55	5.58
		For Work In Restricted Working Space, Add	*3.33*	
40 05 13 19-0020	LF	1" Stainless Steel Tubing, Type 304, 0.035" Wall	18.96	6.72
		For Work In Restricted Working Space, Add	*4.00*	

40 05 13 19-0021 0.049" Wall *(40 05 13 19-0012)*

40 05 13 19-0022	LF	1/4" Stainless Steel Tubing, Type 304, 0.049" Wall	9.52	3.31
		For Work In Restricted Working Space, Add	*1.99*	
40 05 13 19-0023	LF	3/8" Stainless Steel Tubing, Type 304, 0.049" Wall	10.79	3.92
		For Work In Restricted Working Space, Add	*2.33*	
40 05 13 19-0024	LF	1/2" Stainless Steel Tubing, Type 304, 0.049" Wall	12.74	4.44
		For Work In Restricted Working Space, Add	*2.66*	
40 05 13 19-0025	LF	5/8" Stainless Steel Tubing, Type 304, 0.049" Wall	16.05	5.58
		For Work In Restricted Working Space, Add	*3.33*	
40 05 13 19-0026	LF	3/4" Stainless Steel Tubing, Type 304, 0.049" Wall	18.68	6.72
		For Work In Restricted Working Space, Add	*4.00*	
40 05 13 19-0027	LF	7/8" Stainless Steel Tubing, Type 304, 0.049" Wall	21.28	7.74
		For Work In Restricted Working Space, Add	*4.66*	
40 05 13 19-0028	LF	1" Stainless Steel Tubing, Type 304, 0.049" Wall	24.43	8.78
		For Work In Restricted Working Space, Add	*5.30*	

40 05 13 19-0029 0.065" Wall *(40 05 13 19-0012)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0030	LF	1/4" Stainless Steel Tubing, Type 304, 0.065" Wall	11.11	3.92
		For Work In Restricted Working Space, Add	*2.33*	
40 05 13 19-0031	LF	3/8" Stainless Steel Tubing, Type 304, 0.065" Wall	12.76	4.44
		For Work In Restricted Working Space, Add	*2.66*	
40 05 13 19-0032	LF	1/2" Stainless Steel Tubing, Type 304, 0.065" Wall	15.81	5.58
		For Work In Restricted Working Space, Add	*3.33*	
40 05 13 19-0033	LF	5/8" Stainless Steel Tubing, Type 304, 0.065" Wall	18.72	6.72
		For Work In Restricted Working Space, Add	*4.00*	
40 05 13 19-0034	LF	3/4" Stainless Steel Tubing, Type 304, 0.065" Wall	21.99	7.74
		For Work In Restricted Working Space, Add	*4.66*	
40 05 13 19-0035	LF	7/8" Stainless Steel Tubing, Type 304, 0.065" Wall	25.18	8.78
		For Work In Restricted Working Space, Add	*5.30*	
40 05 13 19-0036	LF	1" Stainless Steel Tubing, Type 304, 0.065" Wall	28.36	9.92
		For Work In Restricted Working Space, Add	*5.96*	

40 05 13 19-0037 Type 304 Tube Fittings *(40 05 13 19-0011)*

40 05 13 19-0038 90 Degree Elbows *(40 05 13 19-0037)*

40 05 13 19-0039	EA	1/4" 90 Degree Elbow, Stainless Steel Type 304	34.44	11.15
		For Work In Restricted Working Space, Add	*6.66*	
40 05 13 19-0040	EA	3/8" 90 Degree Elbow, Stainless Steel Type 304	39.71	12.19
		For Work In Restricted Working Space, Add	*7.29*	
40 05 13 19-0041	EA	1/2" 90 Degree Elbow, Stainless Steel Type 304	55.18	13.74
		For Work In Restricted Working Space, Add	*8.26*	
40 05 13 19-0042	EA	5/8" 90 Degree Elbow, Stainless Steel Type 304	59.67	15.39
		For Work In Restricted Working Space, Add	*9.25*	
40 05 13 19-0043	EA	3/4" 90 Degree Elbow, Stainless Steel Type 304	66.14	16.62
		For Work In Restricted Working Space, Add	*10.00*	
40 05 13 19-0044	EA	7/8" 90 Degree Elbow, Stainless Steel Type 304	85.92	18.48
		For Work In Restricted Working Space, Add	*11.07*	
40 05 13 19-0045	EA	1" 90 Degree Elbow, Stainless Steel Type 304	107.87	22.00
		For Work In Restricted Working Space, Add	*13.19*	

40 05 13 19-0046 Union Tees *(40 05 13 19-0037)*

40 05 13 19-0047	EA	1/4" Union Tee, Stainless Steel Type 304	53.65	16.62
		For Work In Restricted Working Space, Add	*10.00*	
40 05 13 19-0048	EA	3/8" Union Tee, Stainless Steel Type 304	63.27	18.48
		For Work In Restricted Working Space, Add	*11.07*	
40 05 13 19-0049	EA	1/2" Union Tee, Stainless Steel Type 304	81.77	20.66
		For Work In Restricted Working Space, Add	*12.39*	
40 05 13 19-0050	EA	5/8" Union Tee, Stainless Steel Type 304	89.26	23.44
		For Work In Restricted Working Space, Add	*14.08*	
40 05 13 19-0051	EA	3/4" Union Tee, Stainless Steel Type 304	109.11	25.20
		For Work In Restricted Working Space, Add	*15.11*	
40 05 13 19-0052	EA	7/8" Union Tee, Stainless Steel Type 304	160.93	27.89
		For Work In Restricted Working Space, Add	*16.75*	
40 05 13 19-0053	EA	1" Union Tee, Stainless Steel Type 304	192.73	33.36
		For Work In Restricted Working Space, Add	*19.99*	

40 05 13 19-0054 Unions *(40 05 13 19-0037)*

40 05 13 19-0055	EA	1/4" Union, Stainless Steel Type 304	52.03	16.62
		For Work In Restricted Working Space, Add	*10.00*	
40 05 13 19-0056	EA	3/8" Union, Stainless Steel Type 304	64.18	18.48
		For Work In Restricted Working Space, Add	*11.07*	
40 05 13 19-0057	EA	1/2" Union, Stainless Steel Type 304	82.37	20.66
		For Work In Restricted Working Space, Add	*12.39*	
40 05 13 19-0058	EA	5/8" Union, Stainless Steel Type 304	98.66	23.44
		For Work In Restricted Working Space, Add	*14.08*	
40 05 13 19-0059	EA	3/4" Union, Stainless Steel Type 304	114.83	25.20
		For Work In Restricted Working Space, Add	*15.11*	
40 05 13 19-0060	EA	7/8" Union, Stainless Steel Type 304	165.49	27.89
		For Work In Restricted Working Space, Add	*16.75*	
40 05 13 19-0061	EA	1" Union, Stainless Steel Type 304	179.81	33.36
		For Work In Restricted Working Space, Add	*19.99*	

40 05 13 19-0062 Male Connectors *(40 05 13 19-0037)*

40 05 13 19-0063	EA	1/4" x 1/4" Male Connection, Stainless Steel Type 304	28.64	11.15
		For Work In Restricted Working Space, Add	*6.66*	
40 05 13 19-0064	EA	3/8" x 3/8" Male Connection, Stainless Steel Type 304	34.02	12.19
		For Work In Restricted Working Space, Add	*7.29*	
40 05 13 19-0065	EA	1/2" x 1/2" Male Connection, Stainless Steel Type 304	42.08	13.74
		For Work In Restricted Working Space, Add	*8.26*	
40 05 13 19-0066	EA	5/8" x 5/8" Male Connection, Stainless Steel Type 304	47.32	15.39
		For Work In Restricted Working Space, Add	*9.25*	
40 05 13 19-0067	EA	3/4" x 3/4" Male Connection, Stainless Steel Type 304	55.17	16.62
		For Work In Restricted Working Space, Add	*10.00*	
40 05 13 19-0068	EA	7/8" x 7/8" Male Connection, Stainless Steel Type 304	76.30	18.48
		For Work In Restricted Working Space, Add	*11.07*	
40 05 13 19-0069	EA	1" x 1" Male Connection, Stainless Steel Type 304	82.62	22.00
		For Work In Restricted Working Space, Add	*13.19*	

40 05 13 19-0070 Type 304 Valves *(40 05 13 19-0011)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0071		**Gate Valves** *(40 05 13 19-0070)*		
40 05 13 19-0072	EA	1/4" Gate Valve, Stainless Steel Type 304	156.90	16.62
		For Work In Restricted Working Space, Add	*9.02*	
40 05 13 19-0073	EA	3/8" Gate Valve, Stainless Steel Type 304	260.34	19.52
		For Work In Restricted Working Space, Add	*9.50*	
40 05 13 19-0074	EA	1/2" Gate Valve, Stainless Steel Type 304	272.63	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0075	EA	3/4" Gate Valve, Stainless Steel Type 304	302.58	25.20
		For Work In Restricted Working Space, Add	*15.11*	
40 05 13 19-0076	EA	1" Gate Valve, Stainless Steel Type 304	282.08	33.36
		For Work In Restricted Working Space, Add	*19.99*	
40 05 13 19-0077		**Globe Valves** *(40 05 13 19-0070)*		
40 05 13 19-0078	EA	1/4" Globe Valve, Stainless Steel Type 304	158.98	16.62
		For Work In Restricted Working Space, Add	*9.02*	
40 05 13 19-0079	EA	3/8" Globe Valve, Stainless Steel Type 304	107.53	19.52
		For Work In Restricted Working Space, Add	*9.50*	
40 05 13 19-0080	EA	1/2" Globe Valve, Stainless Steel Type 304	190.44	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0081	EA	3/4" Globe Valve, Stainless Steel Type 304	212.30	25.20
		For Work In Restricted Working Space, Add	*15.11*	
40 05 13 19-0082	EA	1" Globe Valve, Stainless Steel Type 304	308.24	33.36
		For Work In Restricted Working Space, Add	*19.99*	
40 05 13 19-0083		**Check Valves** *(40 05 13 19-0070)*		
40 05 13 19-0084	EA	1/4" Check Valve, Stainless Steel Type 304	220.04	16.62
		For Work In Restricted Working Space, Add	*9.02*	
40 05 13 19-0085	EA	3/8" Check Valve, Stainless Steel Type 304	221.62	19.52
		For Work In Restricted Working Space, Add	*9.50*	
40 05 13 19-0086	EA	1/2" Check Valve, Stainless Steel Type 304	150.14	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0087	EA	3/4" Check Valve, Stainless Steel Type 304	158.10	25.20
		For Work In Restricted Working Space, Add	*15.11*	
40 05 13 19-0088	EA	1" Check Valve, Stainless Steel Type 304	177.43	33.36
		For Work In Restricted Working Space, Add	*19.99*	
40 05 13 19-0089		**Plug Valves** *(40 05 13 19-0070)*		
40 05 13 19-0090	EA	1/2" Plug Valve, Stainless Steel Type 304	339.79	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0091	EA	3/4" Plug Valve, Stainless Steel Type 304	372.52	25.20
		For Work In Restricted Working Space, Add	*15.11*	
40 05 13 19-0092	EA	1" Plug Valve, Stainless Steel Type 304	423.83	33.36
		For Work In Restricted Working Space, Add	*19.99*	
40 05 13 19-0093	EA	1-1/2" Plug Valve, Stainless Steel Type 304	585.01	37.70
		For Work In Restricted Working Space, Add	*22.61*	
40 05 13 19-0094	EA	2" Plug Valve, Stainless Steel Type 304	762.89	51.64
		For Work In Restricted Working Space, Add	*30.98*	
40 05 13 19-0095		**Type 316 Tubing** *(40 05 13 19-0011)*		
40 05 13 19-0096		**0.035" Wall** *(40 05 13 19-0095)*		
40 05 13 19-0097	LF	1/4" Stainless Steel Tubing, Type 316, 0.035" Wall	6.66	2.79
		For Work In Restricted Working Space, Add	*1.66*	
40 05 13 19-0098	LF	3/8" Stainless Steel Tubing, Type 316, 0.035" Wall	8.38	3.31
		For Work In Restricted Working Space, Add	*1.99*	
40 05 13 19-0099	LF	1/2" Stainless Steel Tubing, Type 316, 0.035" Wall	9.50	3.92
		For Work In Restricted Working Space, Add	*2.33*	
40 05 13 19-0100	LF	5/8" Stainless Steel Tubing, Type 316, 0.035" Wall	13.99	4.44
		For Work In Restricted Working Space, Add	*2.66*	
40 05 13 19-0101	LF	3/4" Stainless Steel Tubing, Type 316, 0.035" Wall	15.84	4.96
		For Work In Restricted Working Space, Add	*2.99*	
40 05 13 19-0102	LF	7/8" Stainless Steel Tubing, Type 316, 0.035" Wall	19.34	5.58
		For Work In Restricted Working Space, Add	*3.33*	
40 05 13 19-0103	LF	1" Stainless Steel Tubing, Type 316, 0.035" Wall	21.12	6.72
		For Work In Restricted Working Space, Add	*4.00*	
40 05 13 19-0104		**0.049" Wall** *(40 05 13 19-0095)*		
40 05 13 19-0105	LF	1/4" Stainless Steel Tubing, Type 316, 0.049" Wall	10.14	3.31
		For Work In Restricted Working Space, Add	*1.99*	
40 05 13 19-0106	LF	3/8" Stainless Steel Tubing, Type 316, 0.049" Wall	11.44	3.92
		For Work In Restricted Working Space, Add	*2.33*	
40 05 13 19-0107	LF	1/2" Stainless Steel Tubing, Type 316, 0.049" Wall	13.35	4.44
		For Work In Restricted Working Space, Add	*2.66*	
40 05 13 19-0108	LF	5/8" Stainless Steel Tubing, Type 316, 0.049" Wall	17.19	5.58
		For Work In Restricted Working Space, Add	*3.33*	
40 05 13 19-0109	LF	3/4" Stainless Steel Tubing, Type 316, 0.049" Wall	20.09	6.72
		For Work In Restricted Working Space, Add	*4.00*	
40 05 13 19-0110	LF	7/8" Stainless Steel Tubing, Type 316, 0.049" Wall	24.91	7.74
		For Work In Restricted Working Space, Add	*4.66*	
40 05 13 19-0111	LF	1" Stainless Steel Tubing, Type 316, 0.049" Wall	26.33	8.78
		For Work In Restricted Working Space, Add	*5.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0112		**0.065" Wall** *(40 05 13 19-0095)*		
40 05 13 19-0113	LF	1/4" Stainless Steel Tubing, Type 316, 0.065" Wall	11.86	3.92
		For Work In Restricted Working Space, Add	*2.33*	
40 05 13 19-0114	LF	3/8" Stainless Steel Tubing, Type 316, 0.065" Wall	13.33	4.44
		For Work In Restricted Working Space, Add	*2.66*	
40 05 13 19-0115	LF	1/2" Stainless Steel Tubing, Type 316, 0.065" Wall	16.71	5.58
		For Work In Restricted Working Space, Add	*3.33*	
40 05 13 19-0116	LF	5/8" Stainless Steel Tubing, Type 316, 0.065" Wall	19.96	6.72
		For Work In Restricted Working Space, Add	*4.00*	
40 05 13 19-0117	LF	3/4" Stainless Steel Tubing, Type 316, 0.065" Wall	23.88	7.74
		For Work In Restricted Working Space, Add	*4.66*	
40 05 13 19-0118	LF	7/8" Stainless Steel Tubing, Type 316, 0.065" Wall	26.58	8.78
		For Work In Restricted Working Space, Add	*5.30*	
40 05 13 19-0119	LF	1" Stainless Steel Tubing, Type 316, 0.065" Wall	30.61	9.92
		For Work In Restricted Working Space, Add	*5.96*	
40 05 13 19-0120		**Type 316 Tube Fittings** *(40 05 13 19-0011)*		
40 05 13 19-0121		**90 Degree Elbows** *(40 05 13 19-0120)*		
40 05 13 19-0122	EA	1/4" 90 Degree Elbow, Stainless Steel Type 316	43.26	11.15
		For Work In Restricted Working Space, Add	*6.66*	
40 05 13 19-0123	EA	3/8" 90 Degree Elbow, Stainless Steel Type 316	50.84	12.19
		For Work In Restricted Working Space, Add	*7.29*	
40 05 13 19-0124	EA	1/2" 90 Degree Elbow, Stainless Steel Type 316	75.13	13.74
		For Work In Restricted Working Space, Add	*8.26*	
40 05 13 19-0125	EA	5/8" 90 Degree Elbow, Stainless Steel Type 316	80.48	15.39
		For Work In Restricted Working Space, Add	*9.25*	
40 05 13 19-0126	EA	3/4" 90 Degree Elbow, Stainless Steel Type 316	89.84	16.62
		For Work In Restricted Working Space, Add	*10.00*	
40 05 13 19-0127	EA	7/8" 90 Degree Elbow, Stainless Steel Type 316	121.32	18.48
		For Work In Restricted Working Space, Add	*11.07*	
40 05 13 19-0128	EA	1" 90 Degree Elbow, Stainless Steel Type 316	154.01	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0129		**Union Tees** *(40 05 13 19-0120)*		
40 05 13 19-0130	EA	1/4" Union Tee, Stainless Steel Type 316	68.33	16.62
		For Work In Restricted Working Space, Add	*10.00*	
40 05 13 19-0131	EA	3/8" Union Tee, Stainless Steel Type 316	82.31	18.48
		For Work In Restricted Working Space, Add	*11.07*	
40 05 13 19-0132	EA	1/2" Union Tee, Stainless Steel Type 316	110.99	20.66
		For Work In Restricted Working Space, Add	*12.39*	
40 05 13 19-0133	EA	5/8" Union Tee, Stainless Steel Type 316	119.82	23.44
		For Work In Restricted Working Space, Add	*14.08*	
40 05 13 19-0134	EA	3/4" Union Tee, Stainless Steel Type 316	151.52	25.20
		For Work In Restricted Working Space, Add	*15.11*	
40 05 13 19-0135	EA	7/8" Union Tee, Stainless Steel Type 316	236.81	27.89
		For Work In Restricted Working Space, Add	*16.75*	
40 05 13 19-0136	EA	1" Union Tee, Stainless Steel Type 316	283.78	33.36
		For Work In Restricted Working Space, Add	*19.99*	
40 05 13 19-0137		**Unions** *(40 05 13 19-0120)*		
40 05 13 19-0138	EA	1/4" Union, Stainless Steel Type 316	49.79	16.62
		For Work In Restricted Working Space, Add	*10.00*	
40 05 13 19-0139	EA	3/8" Union, Stainless Steel Type 316	60.92	18.48
		For Work In Restricted Working Space, Add	*11.07*	
40 05 13 19-0140	EA	1/2" Union, Stainless Steel Type 316	77.46	20.66
		For Work In Restricted Working Space, Add	*12.39*	
40 05 13 19-0141	EA	5/8" Union, Stainless Steel Type 316	92.47	23.44
		For Work In Restricted Working Space, Add	*14.08*	
40 05 13 19-0142	EA	3/4" Union, Stainless Steel Type 316	107.13	25.20
		For Work In Restricted Working Space, Add	*15.11*	
40 05 13 19-0143	EA	7/8" Union, Stainless Steel Type 316	152.38	27.89
		For Work In Restricted Working Space, Add	*16.75*	
40 05 13 19-0144	EA	1" Union, Stainless Steel Type 316	166.28	33.36
		For Work In Restricted Working Space, Add	*19.99*	
40 05 13 19-0145		**Male Connectors** *(40 05 13 19-0120)*		
40 05 13 19-0146	EA	1/4" x 1/4" Male Connector, Stainless Steel Type 316	33.19	11.15
		For Work In Restricted Working Space, Add	*6.66*	
40 05 13 19-0147	EA	3/8" x 3/8" Male Connector, Stainless Steel Type 316	40.89	12.19
		For Work In Restricted Working Space, Add	*7.29*	
40 05 13 19-0148	EA	1/2" x 1/2" Male Connector, Stainless Steel Type 316	52.37	13.74
		For Work In Restricted Working Space, Add	*8.26*	
40 05 13 19-0149	EA	5/8" x 5/8" Male Connector, Stainless Steel Type 316	58.97	15.39
		For Work In Restricted Working Space, Add	*9.25*	
40 05 13 19-0150	EA	3/4" x 3/4" Male Connector, Stainless Steel Type 316	70.62	16.62
		For Work In Restricted Working Space, Add	*10.00*	
40 05 13 19-0151	EA	7/8" x 7/8" Male Connector, Stainless Steel Type 316	104.16	18.48
		For Work In Restricted Working Space, Add	*11.07*	
40 05 13 19-0152	EA	1" x 1" Male Connector, Stainless Steel Type 316	109.96	22.00
		For Work In Restricted Working Space, Add	*13.19*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0153		Type 316 Valves *(40 05 13 19-0011)*		
40 05 13 19-0154		Gate Valves *(40 05 13 19-0153)*		
40 05 13 19-0155	EA	1/4" Gate Valve, Stainless Steel Type 316	197.85	16.62
		For Work In Restricted Working Space, Add	*9.02*	
40 05 13 19-0156	EA	3/8" Gate Valve, Stainless Steel Type 316	334.18	19.52
		For Work In Restricted Working Space, Add	*9.50*	
40 05 13 19-0157	EA	1/2" Gate Valve, Stainless Steel Type 316	346.47	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0158	EA	3/4" Gate Valve, Stainless Steel Type 316	384.01	25.20
		For Work In Restricted Working Space, Add	*15.11*	
40 05 13 19-0159	EA	1" Gate Valve, Stainless Steel Type 316	351.64	33.36
		For Work In Restricted Working Space, Add	*19.99*	
40 05 13 19-0160	EA	1-1/4" Gate Valve, Stainless Steel Type 316	478.82	34.59
		For Work In Restricted Working Space, Add	*20.76*	
40 05 13 19-0161	EA	1-1/2" Gate Valve, Stainless Steel Type 316	762.46	37.70
		For Work In Restricted Working Space, Add	*22.61*	
40 05 13 19-0162	EA	2" Gate Valve, Stainless Steel Type 316	909.46	51.64
		For Work In Restricted Working Space, Add	*30.98*	
40 05 13 19-0163	EA	2-1/2" Gate Valve, Stainless Steel Type 316	1,384.14	165.35
		For Work In Restricted Working Space, Add	*99.18*	
40 05 13 19-0164		Globe Valves *(40 05 13 19-0153)*		
40 05 13 19-0165	EA	1/4" Globe Valve, Stainless Steel Type 316	200.60	16.62
		For Work In Restricted Working Space, Add	*9.02*	
40 05 13 19-0166	EA	3/8" Globe Valve, Stainless Steel Type 316	132.02	19.52
		For Work In Restricted Working Space, Add	*9.50*	
40 05 13 19-0167	EA	1/2" Globe Valve, Stainless Steel Type 316	237.74	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0168	EA	3/4" Globe Valve, Stainless Steel Type 316	264.59	25.20
		For Work In Restricted Working Space, Add	*15.11*	
40 05 13 19-0169	EA	1" Globe Valve, Stainless Steel Type 316	386.25	33.36
		For Work In Restricted Working Space, Add	*19.99*	
40 05 13 19-0170	EA	1-1/4" Globe Valve, Stainless Steel Type 316	479.64	34.39
		For Work In Restricted Working Space, Add	*20.61*	
40 05 13 19-0171	EA	1-1/2" Globe Valve, Stainless Steel Type 316	789.94	37.70
		For Work In Restricted Working Space, Add	*22.61*	
40 05 13 19-0172	EA	2" Globe Valve, Stainless Steel Type 316	936.94	51.64
		For Work In Restricted Working Space, Add	*30.98*	
40 05 13 19-0173	EA	2-1/2" Globe Valve, Stainless Steel Type 316	1,210.07	165.35
		For Work In Restricted Working Space, Add	*99.18*	
40 05 13 19-0174		Check Valves *(40 05 13 19-0153)*		
40 05 13 19-0175	EA	1/4" Check Valve, Stainless Steel Type 316	281.38	16.62
		For Work In Restricted Working Space, Add	*9.02*	
40 05 13 19-0176	EA	3/8" Check Valve, Stainless Steel Type 316	282.96	19.52
		For Work In Restricted Working Space, Add	*9.50*	
40 05 13 19-0177	EA	1/2" Check Valve, Stainless Steel Type 316	184.42	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0178	EA	3/4" Check Valve, Stainless Steel Type 316	192.89	25.20
		For Work In Restricted Working Space, Add	*15.11*	
40 05 13 19-0179	EA	1" Check Valve, Stainless Steel Type 316	213.21	33.36
		For Work In Restricted Working Space, Add	*19.99*	
40 05 13 19-0180	EA	1-1/4" Check Valve, Stainless Steel Type 316	290.72	34.59
		For Work In Restricted Working Space, Add	*20.76*	
40 05 13 19-0181	EA	1-1/2" Check Valve, Stainless Steel Type 316	634.21	37.70
		For Work In Restricted Working Space, Add	*22.61*	
40 05 13 19-0182	EA	2" Check Valve, Stainless Steel Type 316	772.04	51.64
		For Work In Restricted Working Space, Add	*30.98*	
40 05 13 19-0183	EA	2-1/2" Check Valve, Stainless Steel Type 316	1,552.09	165.35
		For Work In Restricted Working Space, Add	*99.18*	
40 05 13 19-0184		Diaphragm Valves, EPDM Lined *(40 05 13 19-0153)*		
40 05 13 19-0185	EA	1/2" Diaphragm Valve, Stainless Steel Type 316, EPDM Lined	304.38	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0186	EA	3/4" Diaphragm Valve, Stainless Steel Type 316, EPDM Lined	355.40	25.20
		For Work In Restricted Working Space, Add	*15.11*	
40 05 13 19-0187	EA	1" Diaphragm Valve, Stainless Steel Type 316, EPDM Lined	453.71	33.36
		For Work In Restricted Working Space, Add	*19.99*	
40 05 13 19-0188	EA	1-1/2" Diaphragm Valve, Stainless Steel Type 316, EPDM Lined	717.54	37.70
		For Work In Restricted Working Space, Add	*22.61*	
40 05 13 19-0189	EA	2" Diaphragm Valve, Stainless Steel Type 316, EPDM Lined	1,002.30	51.64
		For Work In Restricted Working Space, Add	*30.98*	
40 05 13 19-0190		Diaphragm Valves, Teflon Lined *(40 05 13 19-0153)*		
40 05 13 19-0191	EA	1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	400.70	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0192	EA	3/4" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	460.65	25.20
		For Work In Restricted Working Space, Add	*15.11*	
40 05 13 19-0193	EA	1" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	558.95	33.36
		For Work In Restricted Working Space, Add	*19.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0194	EA	1-1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	865.59	37.70
		For Work In Restricted Working Space, Add	*22.61*	
40 05 13 19-0195	EA	2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	1,178.90	51.64
		For Work In Restricted Working Space, Add	*30.98*	
40 05 13 19-0196		**Strainers** *(40 05 13 19-0153)*		
40 05 13 19-0197	EA	1/2" Strainer, Stainless Steel Type 316	401.63	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0198	EA	3/4" Strainer, Stainless Steel Type 316	480.31	25.30
		For Work In Restricted Working Space, Add	*15.18*	
40 05 13 19-0199	EA	1" Strainer, Stainless Steel Type 316	628.60	33.57
		For Work In Restricted Working Space, Add	*20.14*	
40 05 13 19-0200	EA	1-1/4" Strainer, Stainless Steel Type 316	778.09	34.59
		For Work In Restricted Working Space, Add	*20.76*	
40 05 13 19-0201	EA	1-1/2" Strainer, Stainless Steel Type 316	974.65	37.70
		For Work In Restricted Working Space, Add	*22.62*	
40 05 13 19-0202	EA	2" Strainer, Stainless Steel Type 316	1,404.63	51.64
		For Work In Restricted Working Space, Add	*30.99*	
40 05 13 19-0203	EA	2-1/2" Strainer, Stainless Steel Type 316	1,929.55	68.69
		For Work In Restricted Working Space, Add	*41.21*	
40 05 13 19-0204	EA	3" Strainer, Stainless Steel Type 316	2,811.09	103.28
		For Work In Restricted Working Space, Add	*61.97*	
40 05 13 19-0205	EA	4" Strainer, Stainless Steel Type 316	3,609.68	165.25
		For Work In Restricted Working Space, Add	*99.14*	
40 05 13 19-0206		**Plug Valves** *(40 05 13 19-0153)*		
40 05 13 19-0207	EA	1/2" Plug Valve, Stainless Steel Type 316	427.49	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0208	EA	3/4" Plug Valve, Stainless Steel Type 316	468.01	25.20
		For Work In Restricted Working Space, Add	*15.11*	
40 05 13 19-0209	EA	1" Plug Valve, Stainless Steel Type 316	529.72	33.36
		For Work In Restricted Working Space, Add	*19.99*	
40 05 13 19-0210	EA	1-1/2" Plug Valve, Stainless Steel Type 316	736.07	37.70
		For Work In Restricted Working Space, Add	*22.61*	
40 05 13 19-0211	EA	2" Plug Valve, Stainless Steel Type 316	958.41	51.64
		For Work In Restricted Working Space, Add	*30.98*	
40 05 13 19-0212		**Cut And Prepare Existing Pipe In-Place** *(40 05 13 19-0011)*		
		Note: For use when connecting pipe to an existing in-place system.		
40 05 13 19-0213	EA	Cut And Prepare 1/2" Stainless Steel Pipe	15.86	
40 05 13 19-0214	EA	Cut And Prepare 3/4" Stainless Steel Pipe	17.13	
40 05 13 19-0215	EA	Cut And Prepare 1" Stainless Steel Pipe	19.27	
40 05 13 19-0216	EA	Cut And Prepare 1-1/4" Stainless Steel Pipe	20.22	
40 05 13 19-0217	EA	Cut And Prepare 1-1/2" Stainless Steel Pipe	21.41	
40 05 13 19-0218	EA	Cut And Prepare 2" Stainless Steel Pipe	22.99	
40 05 13 19-0219	EA	Cut And Prepare 2-1/2" Stainless Steel Pipe	24.58	
40 05 13 19-0220	EA	Cut And Prepare 3" Stainless Steel Pipe	26.96	
40 05 13 19-0221	EA	Cut And Prepare 4" Stainless Steel Pipe	29.34	
40 05 13 19-0222	EA	Cut And Prepare 6" Stainless Steel Pipe	31.72	
40 05 13 19-0223	EA	Cut And Prepare 8" Stainless Steel Pipe	34.10	
40 05 13 19-0224	EA	Cut And Prepare 10" Stainless Steel Pipe	37.27	
40 05 13 19-0225	EA	Cut And Prepare 12" Stainless Steel Pipe	40.44	
40 05 13 19-0226	EA	Cut And Prepare 14" Stainless Steel Pipe	43.61	
40 05 13 19-0227	EA	Cut And Prepare 16" Stainless Steel Pipe	46.78	
40 05 13 19-0228	EA	Cut And Prepare 18" Stainless Steel Pipe	49.16	
40 05 13 19-0229	EA	Cut And Prepare 20" Stainless Steel Pipe	51.55	
40 05 13 19-0230	EA	Cut And Prepare 24" Stainless Steel Pipe	54.72	
40 05 13 19-0231		**Stainless Steel Pipe And Fittings** *(40 05 13 19)*		
40 05 13 19-0232		**Type 304, Schedule 40 Pipe And 150 LB Threaded Fittings** *(40 05 13 19-0231)*		
40 05 13 19-0233		**Pipe** *(40 05 13 19-0232)*		
40 05 13 19-0234	LF	1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150# Threaded Fitting	13.58	4.44
		For Work In Restricted Working Space, Add	*2.66*	
40 05 13 19-0235	LF	3/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150# Threaded Fitting	16.76	5.58
		For Work In Restricted Working Space, Add	*3.33*	
40 05 13 19-0236	LF	1" Pipe, Stainless Steel, Schedule 40 Type 304 For 150# Threaded Fitting	20.52	6.72
		For Work In Restricted Working Space, Add	*4.00*	
40 05 13 19-0237	LF	1-1/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150# Threaded Fitting	24.52	7.74
		For Work In Restricted Working Space, Add	*4.66*	
40 05 13 19-0238	LF	1-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150# Threaded Fitting	28.30	8.78
		For Work In Restricted Working Space, Add	*5.30*	
40 05 13 19-0239	LF	2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150# Threaded Fitting	36.05	11.15
		For Work In Restricted Working Space, Add	*6.66*	
40 05 13 19-0240	LF	2-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150# Threaded Fitting	47.84	13.22
		For Work In Restricted Working Space, Add	*7.94*	
40 05 13 19-0241	LF	3" Pipe, Stainless Steel, Schedule 40 Type 304 For 150# Threaded Fitting	60.15	16.62
		For Work In Restricted Working Space, Add	*10.00*	
40 05 13 19-0242	LF	4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150# Threaded Fitting	81.10	22.00
		For Work In Restricted Working Space, Add	*13.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0243		**90 Degree Elbows** *(40 05 13 19-0232)*		
40 05 13 19-0244	EA	1/2" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304	39.87	16.62
		For Work In Restricted Working Space, Add	*10.00*	
40 05 13 19-0245	EA	3/4" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304	51.39	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0246	EA	1" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304	65.71	27.89
		For Work In Restricted Working Space, Add	*16.75*	
40 05 13 19-0247	EA	1-1/4" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304	91.34	38.21
		For Work In Restricted Working Space, Add	*22.95*	
40 05 13 19-0248	EA	1-1/2" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304	106.67	44.92
		For Work In Restricted Working Space, Add	*26.94*	
40 05 13 19-0249	EA	2" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304	133.08	54.33
		For Work In Restricted Working Space, Add	*32.62*	
40 05 13 19-0250	EA	2-1/2" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304	239.40	86.03
		For Work In Restricted Working Space, Add	*51.64*	
40 05 13 19-0251	EA	3" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304	307.05	111.02
		For Work In Restricted Working Space, Add	*66.63*	
40 05 13 19-0252	EA	4" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304	441.93	137.67
		For Work In Restricted Working Space, Add	*82.63*	
40 05 13 19-0253		**45 Degree Elbows** *(40 05 13 19-0232)*		
40 05 13 19-0254	EA	1/2" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304	42.29	16.62
		For Work In Restricted Working Space, Add	*10.00*	
40 05 13 19-0255	EA	3/4" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304	53.67	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0256	EA	1" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304	66.53	27.89
		For Work In Restricted Working Space, Add	*16.75*	
40 05 13 19-0257	EA	1-1/4" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304	90.36	38.21
		For Work In Restricted Working Space, Add	*22.95*	
40 05 13 19-0258	EA	1-1/2" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304	107.72	44.92
		For Work In Restricted Working Space, Add	*26.94*	
40 05 13 19-0259	EA	2" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304	134.05	54.33
		For Work In Restricted Working Space, Add	*32.62*	
40 05 13 19-0260	EA	2-1/2" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304	259.77	86.03
		For Work In Restricted Working Space, Add	*51.64*	
40 05 13 19-0261	EA	3" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304	345.96	111.02
		For Work In Restricted Working Space, Add	*66.63*	
40 05 13 19-0262	EA	4" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304	499.38	137.67
		For Work In Restricted Working Space, Add	*82.63*	
40 05 13 19-0263		**Tees** *(40 05 13 19-0232)*		
40 05 13 19-0264	EA	1/2" Tee, Stainless Steel, Schedule 40 Type 304	60.21	25.20
		For Work In Restricted Working Space, Add	*15.11*	
40 05 13 19-0265	EA	3/4" Tee, Stainless Steel, Schedule 40 Type 304	77.12	33.36
		For Work In Restricted Working Space, Add	*19.99*	
40 05 13 19-0266	EA	1" Tee, Stainless Steel, Schedule 40 Type 304	95.02	41.31
		For Work In Restricted Working Space, Add	*24.79*	
40 05 13 19-0267	EA	1-1/4" Tee, Stainless Steel, Schedule 40 Type 304	135.02	57.42
		For Work In Restricted Working Space, Add	*34.43*	
40 05 13 19-0268	EA	1-1/2" Tee, Stainless Steel, Schedule 40 Type 304	154.58	64.55
		For Work In Restricted Working Space, Add	*38.73*	
40 05 13 19-0269	EA	2" Tee, Stainless Steel, Schedule 40 Type 304	202.90	86.03
		For Work In Restricted Working Space, Add	*51.64*	
40 05 13 19-0270	EA	2-1/2" Tee, Stainless Steel, Schedule 40 Type 304	350.67	124.45
		For Work In Restricted Working Space, Add	*74.66*	
40 05 13 19-0271	EA	3" Tee, Stainless Steel, Schedule 40 Type 304	488.07	166.60
		For Work In Restricted Working Space, Add	*99.95*	
40 05 13 19-0272	EA	4" Tee, Stainless Steel, Schedule 40 Type 304	662.76	206.56
		For Work In Restricted Working Space, Add	*123.94*	
40 05 13 19-0273		**Reducers** *(40 05 13 19-0232)*		
40 05 13 19-0274	EA	3/4" x 1/2" Reducer, Stainless Steel, Schedule 40 Type 304	50.12	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0275	EA	1" x 3/4" Reducer, Stainless Steel, Schedule 40 Type 304	64.94	27.89
		For Work In Restricted Working Space, Add	*16.75*	
40 05 13 19-0276	EA	1-1/4" x 1" Reducer, Stainless Steel, Schedule 40 Type 304	95.17	38.21
		For Work In Restricted Working Space, Add	*22.95*	
40 05 13 19-0277	EA	1-1/2" x 1-1/4" Reducer, Stainless Steel, Schedule 40 Type 304	110.40	44.92
		For Work In Restricted Working Space, Add	*26.94*	
40 05 13 19-0278	EA	2" x 1-1/2" Reducer, Stainless Steel, Schedule 40 Type 304	140.83	54.33
		For Work In Restricted Working Space, Add	*32.62*	
40 05 13 19-0279	EA	2-1/2" x 2" Reducer, Stainless Steel, Schedule 40 Type 304	239.60	86.03
		For Work In Restricted Working Space, Add	*51.64*	
40 05 13 19-0280	EA	3" x 2-1/2" Reducer, Stainless Steel, Schedule 40 Type 304	294.28	111.02
		For Work In Restricted Working Space, Add	*66.63*	
40 05 13 19-0281	EA	4" x 3" Reducer, Stainless Steel, Schedule 40 Type 304	416.28	137.67
		For Work In Restricted Working Space, Add	*82.63*	
40 05 13 19-0282	EA	4" x 2" Reducer, Stainless Steel, Schedule 40 Type 304	356.13	126.52
		For Work In Restricted Working Space, Add	*75.91*	
40 05 13 19-0283		**Unions** *(40 05 13 19-0232)*		
40 05 13 19-0284	EA	1/2" Union, Stainless Steel, Schedule 40 Type 304	64.04	25.20
		For Work In Restricted Working Space, Add	*15.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0285	EA	3/4" Union, Stainless Steel, Schedule 40 Type 304	85.35	33.36
		For Work In Restricted Working Space, Add	*19.99*	
40 05 13 19-0286	EA	1" Union, Stainless Steel, Schedule 40 Type 304	109.80	41.31
		For Work In Restricted Working Space, Add	*24.79*	
40 05 13 19-0287	EA	1-1/4" Union, Stainless Steel, Schedule 40 Type 304	164.70	57.42
		For Work In Restricted Working Space, Add	*34.43*	
40 05 13 19-0288	EA	1-1/2" Union, Stainless Steel, Schedule 40 Type 304	187.82	64.55
		For Work In Restricted Working Space, Add	*38.73*	
40 05 13 19-0289	EA	2" Union, Stainless Steel, Schedule 40 Type 304	246.26	86.03
		For Work In Restricted Working Space, Add	*51.64*	
40 05 13 19-0290		**Flanges** *(40 05 13 19-0232)*		
40 05 13 19-0291	EA	2-1/2" Flange, Stainless Steel, Schedule 40 Type 304	231.93	86.03
		For Work In Restricted Working Space, Add	*51.64*	
40 05 13 19-0292	EA	3" Flange, Stainless Steel, Schedule 40 Type 304	287.30	111.02
		For Work In Restricted Working Space, Add	*66.63*	
40 05 13 19-0293	EA	4" Flange, Stainless Steel, Schedule 40 Type 304	369.09	137.67
		For Work In Restricted Working Space, Add	*82.63*	
40 05 13 19-0294		**Caps** *(40 05 13 19-0232)*		
40 05 13 19-0295	EA	1/2" Caps, Stainless Steel, Schedule 40 Type 304	19.16	8.37
		For Work In Restricted Working Space, Add	*5.00*	
40 05 13 19-0296	EA	3/4" Caps, Stainless Steel, Schedule 40 Type 304	25.87	11.15
		For Work In Restricted Working Space, Add	*6.66*	
40 05 13 19-0297	EA	1" Caps, Stainless Steel, Schedule 40 Type 304	32.92	13.74
		For Work In Restricted Working Space, Add	*8.26*	
40 05 13 19-0298	EA	1-1/4" Caps, Stainless Steel, Schedule 40 Type 304	53.06	19.52
		For Work In Restricted Working Space, Add	*11.69*	
40 05 13 19-0299	EA	1-1/2" Caps, Stainless Steel, Schedule 40 Type 304	60.21	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0300	EA	2" Caps, Stainless Steel, Schedule 40 Type 304	76.45	27.89
		For Work In Restricted Working Space, Add	*16.75*	
40 05 13 19-0301	EA	2-1/2" Caps, Stainless Steel, Schedule 40 Type 304	117.58	41.31
		For Work In Restricted Working Space, Add	*24.79*	
40 05 13 19-0302	EA	3" Caps, Stainless Steel, Schedule 40 Type 304	157.05	54.33
		For Work In Restricted Working Space, Add	*32.62*	
40 05 13 19-0303	EA	4" Caps, Stainless Steel, Schedule 40 Type 304	227.04	68.89
		For Work In Restricted Working Space, Add	*41.31*	
40 05 13 19-0304		**Additional Fittings** *(40 05 13 19-0232)*		
40 05 13 19-0305	EA	1/2" Thread-O-Let, Stainless Steel, Schedule 40 Type 304	79.18	34.59
		For Work In Restricted Working Space, Add	*20.76*	
40 05 13 19-0306	EA	3/4" Thread-O-Let, Stainless Steel, Schedule 40 Type 304	93.16	41.31
		For Work In Restricted Working Space, Add	*24.79*	
40 05 13 19-0307	EA	1" Thread-O-Let, Stainless Steel, Schedule 40 Type 304	130.65	46.99
		For Work In Restricted Working Space, Add	*28.20*	
40 05 13 19-0308	EA	1-1/4" Thread-O-Let, Stainless Steel, Schedule 40 Type 304	153.89	51.64
		For Work In Restricted Working Space, Add	*30.98*	
40 05 13 19-0309	EA	1-1/2" Thread-O-Let, Stainless Steel, Schedule 40 Type 304	153.89	51.64
		For Work In Restricted Working Space, Add	*30.98*	
40 05 13 19-0310	EA	2" Thread-O-Let, Stainless Steel, Schedule 40 Type 304	191.03	56.81
		For Work In Restricted Working Space, Add	*34.08*	
40 05 13 19-0311		**Type 304 Schedule 5 Pipe And Welded Butt Fittings** *(40 05 13 19-0231)*		
40 05 13 19-0312		**Pipe** *(40 05 13 19-0311)*		
40 05 13 19-0313	LF	1/2" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting	14.62	4.32
		For Work In Restricted Working Space, Add	*2.60*	
40 05 13 19-0314	LF	3/4" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting	17.43	5.29
		For Work In Restricted Working Space, Add	*3.17*	
40 05 13 19-0315	LF	1" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting	20.69	6.25
		For Work In Restricted Working Space, Add	*3.72*	
40 05 13 19-0316	LF	1-1/4" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting	24.96	7.78
		For Work In Restricted Working Space, Add	*4.65*	
40 05 13 19-0317	LF	1-1/2" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting	28.38	8.75
		For Work In Restricted Working Space, Add	*5.24*	
40 05 13 19-0318	LF	2" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting	35.32	10.86
		For Work In Restricted Working Space, Add	*6.49*	
40 05 13 19-0319	LF	2-1/2" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting	43.78	12.40
		For Work In Restricted Working Space, Add	*7.42*	
40 05 13 19-0320	LF	3" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting	50.81	13.93
		For Work In Restricted Working Space, Add	*8.36*	
40 05 13 19-0321	LF	4" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting	62.30	16.53
		For Work In Restricted Working Space, Add	*9.89*	
40 05 13 19-0322	LF	6" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting	97.67	21.73
		For Work In Restricted Working Space, Add	*12.99*	
40 05 13 19-0323	LF	8" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting	159.62	35.64
		For Work In Restricted Working Space, Add	*22.91*	
40 05 13 19-0324	LF	10" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting	201.25	39.19
		For Work In Restricted Working Space, Add	*25.19*	
40 05 13 19-0325	LF	12" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting	229.45	43.57
		For Work In Restricted Working Space, Add	*27.99*	
40 05 13 19-0326	LF	14" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting	279.83	48.99
		For Work In Restricted Working Space, Add	*31.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0327	LF	16" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting	309.22	55.98
		For Work In Restricted Working Space, Add	*35.99*	
40 05 13 19-0328	LF	18" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting	347.83	65.31
		For Work In Restricted Working Space, Add	*41.99*	
40 05 13 19-0329	LF	20" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting	460.13	78.38
		For Work In Restricted Working Space, Add	*50.39*	
40 05 13 19-0330	LF	24" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting	597.42	97.97
		For Work In Restricted Working Space, Add	*62.98*	

40 05 13 19-0331 90 Degree Elbows *(40 05 13 19-0311)*

40 05 13 19-0332	EA	1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304	123.11	54.78
		For Work In Restricted Working Space, Add	*32.87*	
40 05 13 19-0333	EA	3/4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304	130.54	58.15
		For Work In Restricted Working Space, Add	*34.89*	
40 05 13 19-0334	EA	1" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304	143.29	63.92
		For Work In Restricted Working Space, Add	*38.34*	
40 05 13 19-0335	EA	1-1/4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304	164.16	69.68
		For Work In Restricted Working Space, Add	*41.81*	
40 05 13 19-0336	EA	1-1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304	173.11	76.89
		For Work In Restricted Working Space, Add	*46.09*	
40 05 13 19-0337	EA	2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304	197.26	85.54
		For Work In Restricted Working Space, Add	*51.34*	
40 05 13 19-0338	EA	2-1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304	256.02	109.57
		For Work In Restricted Working Space, Add	*65.65*	
40 05 13 19-0339	EA	3" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304	303.08	128.31
		For Work In Restricted Working Space, Add	*76.85*	
40 05 13 19-0340	EA	4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304	393.62	153.78
		For Work In Restricted Working Space, Add	*92.06*	
40 05 13 19-0341	EA	6" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304	631.70	192.22
		For Work In Restricted Working Space, Add	*115.15*	
40 05 13 19-0342	EA	8" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304	1,021.21	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-0343	EA	10" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304	1,667.31	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-0344	EA	12" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304	2,571.78	559.85
		For Work In Restricted Working Space, Add	*359.90*	
40 05 13 19-0345	EA	14" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304	3,251.53	653.16
		For Work In Restricted Working Space, Add	*419.89*	
40 05 13 19-0346	EA	16" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304	4,011.44	746.46
		For Work In Restricted Working Space, Add	*478.96*	
40 05 13 19-0347	EA	18" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304	5,104.85	933.08
		For Work In Restricted Working Space, Add	*599.84*	
40 05 13 19-0348	EA	20" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304	8,287.67	1,306.31
		For Work In Restricted Working Space, Add	*839.77*	
40 05 13 19-0349	EA	24" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304	11,523.39	1,866.16
		For Work In Restricted Working Space, Add	*1,199.67*	

40 05 13 19-0350 45 Degree Elbows *(40 05 13 19-0311)*

40 05 13 19-0351	EA	1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304	129.05	54.78
		For Work In Restricted Working Space, Add	*32.87*	
40 05 13 19-0352	EA	3/4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304	135.77	58.15
		For Work In Restricted Working Space, Add	*34.89*	
40 05 13 19-0353	EA	1" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304	149.75	63.92
		For Work In Restricted Working Space, Add	*38.34*	
40 05 13 19-0354	EA	1-1/4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304	176.48	69.68
		For Work In Restricted Working Space, Add	*41.79*	
40 05 13 19-0355	EA	1-1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304	173.75	76.89
		For Work In Restricted Working Space, Add	*46.15*	
40 05 13 19-0356	EA	2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304	194.07	85.54
		For Work In Restricted Working Space, Add	*51.34*	
40 05 13 19-0357	EA	2-1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304	257.09	109.57
		For Work In Restricted Working Space, Add	*65.71*	
40 05 13 19-0358	EA	3" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304	295.65	128.31
		For Work In Restricted Working Space, Add	*77.01*	
40 05 13 19-0359	EA	4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304	376.31	153.78
		For Work In Restricted Working Space, Add	*92.18*	
40 05 13 19-0360	EA	6" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304	533.17	192.22
		For Work In Restricted Working Space, Add	*115.34*	
40 05 13 19-0361	EA	8" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304	860.10	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-0362	EA	10" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304	1,384.03	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-0363	EA	12" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304	2,129.16	559.85
		For Work In Restricted Working Space, Add	*359.90*	
40 05 13 19-0364	EA	14" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304	2,631.86	653.16
		For Work In Restricted Working Space, Add	*419.89*	
40 05 13 19-0365	EA	16" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304	3,216.51	746.46
		For Work In Restricted Working Space, Add	*478.96*	
40 05 13 19-0366	EA	18" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304	4,363.02	933.08
		For Work In Restricted Working Space, Add	*599.84*	
40 05 13 19-0367	EA	20" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304	7,322.77	1,306.31
		For Work In Restricted Working Space, Add	*839.77*	
40 05 13 19-0368	EA	24" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304	9,956.52	1,866.16
		For Work In Restricted Working Space, Add	*1,199.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0369		**Tees** *(40 05 13 19-0311)*		
40 05 13 19-0370	EA	1/2" Tees, Stainless Steel Schedule 5 Type 304	194.14	69.68
		For Work In Restricted Working Space, Add	*41.78*	
40 05 13 19-0371	EA	3/4" Tees, Stainless Steel Schedule 5 Type 304	225.82	85.54
		For Work In Restricted Working Space, Add	*51.28*	
40 05 13 19-0372	EA	1" Tees, Stainless Steel Schedule 5 Type 304	244.30	96.11
		For Work In Restricted Working Space, Add	*57.62*	
40 05 13 19-0373	EA	1-1/4" Tees, Stainless Steel Schedule 5 Type 304	308.44	109.57
		For Work In Restricted Working Space, Add	*65.71*	
40 05 13 19-0374	EA	1-1/2" Tees, Stainless Steel Schedule 5 Type 304	287.34	117.73
		For Work In Restricted Working Space, Add	*70.53*	
40 05 13 19-0375	EA	2" Tees, Stainless Steel Schedule 5 Type 304	311.31	128.31
		For Work In Restricted Working Space, Add	*76.93*	
40 05 13 19-0376	EA	2-1/2" Tees, Stainless Steel Schedule 5 Type 304	463.06	153.78
		For Work In Restricted Working Space, Add	*92.18*	
40 05 13 19-0377	EA	3" Tees, Stainless Steel Schedule 5 Type 304	486.86	192.22
		For Work In Restricted Working Space, Add	*115.52*	
40 05 13 19-0378	EA	4" Tees, Stainless Steel Schedule 5 Type 304	575.57	216.25
		For Work In Restricted Working Space, Add	*129.65*	
40 05 13 19-0379	EA	6" Tees, Stainless Steel Schedule 5 Type 304	1,009.97	288.34
		For Work In Restricted Working Space, Add	*172.86*	
40 05 13 19-0380	EA	8" Tee, Stainless Steel Schedule 5 Type 304	1,791.24	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-0381	EA	10" Tee, Stainless Steel Schedule 5 Type 304	2,757.68	559.85
		For Work In Restricted Working Space, Add	*359.90*	
40 05 13 19-0382	EA	12" Tee, Stainless Steel Schedule 5 Type 304	3,491.36	699.81
		For Work In Restricted Working Space, Add	*449.88*	
40 05 13 19-0383	EA	14" Tee, Stainless Steel Schedule 5 Type 304	4,409.97	839.77
		For Work In Restricted Working Space, Add	*540.62*	
40 05 13 19-0384	EA	16" Tee, Stainless Steel Schedule 5 Type 304	4,981.52	1,026.39
		For Work In Restricted Working Space, Add	*659.51*	
40 05 13 19-0385	EA	18" Tee, Stainless Steel Schedule 5 Type 304	6,118.85	1,306.31
		For Work In Restricted Working Space, Add	*839.77*	
40 05 13 19-0386	EA	20" Tee, Stainless Steel Schedule 5 Type 304	9,136.24	1,726.20
		For Work In Restricted Working Space, Add	*1,104.96*	
40 05 13 19-0387	EA	24" Tee, Stainless Steel Schedule 5 Type 304	13,995.79	2,612.62
		For Work In Restricted Working Space, Add	*1,679.54*	
40 05 13 19-0388		**Reducers** *(40 05 13 19-0311)*		
40 05 13 19-0389	EA	3/4" Reducer, Stainless Steel Schedule 5 Type 304	132.14	52.86
		For Work In Restricted Working Space, Add	*31.74*	
40 05 13 19-0390	EA	1" Reducer, Stainless Steel Schedule 5 Type 304	145.71	57.67
		For Work In Restricted Working Space, Add	*34.59*	
40 05 13 19-0391	EA	1-1/4" Reducer, Stainless Steel Schedule 5 Type 304	175.29	63.92
		For Work In Restricted Working Space, Add	*38.34*	
40 05 13 19-0392	EA	1-1/2" Reducer, Stainless Steel Schedule 5 Type 304	159.64	69.68
		For Work In Restricted Working Space, Add	*41.79*	
40 05 13 19-0393	EA	2" Reducer, Stainless Steel Schedule 5 Type 304	175.86	76.89
		For Work In Restricted Working Space, Add	*46.15*	
40 05 13 19-0394	EA	2-1/2" Reducer, Stainless Steel Schedule 5 Type 304	225.61	96.11
		For Work In Restricted Working Space, Add	*57.67*	
40 05 13 19-0395	EA	3" Reducer, Stainless Steel Schedule 5 Type 304	251.89	109.57
		For Work In Restricted Working Space, Add	*65.65*	
40 05 13 19-0396	EA	4" Reducer, Stainless Steel Schedule 5 Type 304	293.71	128.31
		For Work In Restricted Working Space, Add	*76.93*	
40 05 13 19-0397	EA	6" Reducer, Stainless Steel Schedule 5 Type 304	377.31	163.39
		For Work In Restricted Working Space, Add	*97.94*	
40 05 13 19-0398	EA	8" Reducer, Stainless Steel Schedule 5 Type 304	712.89	223.94
		For Work In Restricted Working Space, Add	*143.96*	
40 05 13 19-0399	EA	10" Reducer, Stainless Steel Schedule 5 Type 304	923.95	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-0400	EA	12" Reducer, Stainless Steel Schedule 5 Type 304	1,228.89	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-0401	EA	14" Reducer, Stainless Steel Schedule 5 Type 304	1,628.45	489.86
		For Work In Restricted Working Space, Add	*314.91*	
40 05 13 19-0402	EA	16" Reducer, Stainless Steel Schedule 5 Type 304	1,917.62	559.85
		For Work In Restricted Working Space, Add	*358.88*	
40 05 13 19-0403	EA	18" Reducer, Stainless Steel Schedule 5 Type 304	2,388.15	699.81
		For Work In Restricted Working Space, Add	*449.88*	
40 05 13 19-0404	EA	20" Reducer, Stainless Steel Schedule 5 Type 304	3,537.90	933.08
		For Work In Restricted Working Space, Add	*599.84*	
40 05 13 19-0405	EA	24" Reducer, Stainless Steel Schedule 5 Type 304	5,506.67	1,399.62
		For Work In Restricted Working Space, Add	*899.75*	
40 05 13 19-0406		**Weld Neck Flanges** *(40 05 13 19-0311)*		
40 05 13 19-0407	EA	1/2" Flanges, Stainless Steel Schedule 5 Type 304	71.03	22.10
		For Work In Restricted Working Space, Add	*13.27*	
40 05 13 19-0408	EA	3/4" Flanges, Stainless Steel Schedule 5 Type 304	74.88	24.02
		For Work In Restricted Working Space, Add	*14.42*	
40 05 13 19-0409	EA	1" Flanges, Stainless Steel Schedule 5 Type 304	91.23	32.19
		For Work In Restricted Working Space, Add	*19.33*	
40 05 13 19-0410	EA	1-1/4" Flanges, Stainless Steel Schedule 5 Type 304	100.33	33.64
		For Work In Restricted Working Space, Add	*20.18*	
40 05 13 19-0411	EA	1-1/2" Flanges, Stainless Steel Schedule 5 Type 304	116.21	38.45
		For Work In Restricted Working Space, Add	*23.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0412	EA	2" Flanges, Stainless Steel Schedule 5 Type 304	137.38	43.25
		For Work In Restricted Working Space, Add	*25.93*	
40 05 13 19-0413	EA	2-1/2" Flanges, Stainless Steel Schedule 5 Type 304	184.67	55.26
		For Work In Restricted Working Space, Add	*33.16*	
40 05 13 19-0414	EA	3" Flanges, Stainless Steel Schedule 5 Type 304	205.49	63.92
		For Work In Restricted Working Space, Add	*38.32*	
40 05 13 19-0415	EA	4" Flanges, Stainless Steel Schedule 5 Type 304	281.11	86.50
		For Work In Restricted Working Space, Add	*51.89*	
40 05 13 19-0416	EA	6" Flanges, Stainless Steel Schedule 5 Type 304	424.41	128.31
		For Work In Restricted Working Space, Add	*76.93*	
40 05 13 19-0417	EA	8" Flange, Stainless Steel Schedule 5 Type 304	721.13	139.96
		For Work In Restricted Working Space, Add	*89.98*	
40 05 13 19-0418	EA	10" Flange, Stainless Steel Schedule 5 Type 304	1,079.39	163.28
		For Work In Restricted Working Space, Add	*104.97*	
40 05 13 19-0419	EA	12" Flange, Stainless Steel Schedule 5 Type 304	1,477.06	186.62
		For Work In Restricted Working Space, Add	*119.97*	
40 05 13 19-0420	EA	14" Flange, Stainless Steel Schedule 5 Type 304	1,952.34	233.27
		For Work In Restricted Working Space, Add	*149.96*	
40 05 13 19-0421	EA	16" Flange, Stainless Steel Schedule 5 Type 304	2,597.00	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-0422	EA	18" Flange, Stainless Steel Schedule 5 Type 304	2,714.44	326.58
		For Work In Restricted Working Space, Add	*209.94*	
40 05 13 19-0423	EA	20" Flange, Stainless Steel Schedule 5 Type 304	3,717.57	396.55
		For Work In Restricted Working Space, Add	*254.99*	
40 05 13 19-0424	EA	24" Flange, Stainless Steel Schedule 5 Type 304	8,165.40	513.19
		For Work In Restricted Working Space, Add	*329.75*	

40 05 13 19-0425 Slip-On Flanges *(40 05 13 19-0311)*

40 05 13 19-0426	EA	1/2" Flange, Stainless Steel Schedule 5 Type 304	124.03	48.06
		For Work In Restricted Working Space, Add	*28.84*	
40 05 13 19-0427	EA	3/4" Flange, Stainless Steel Schedule 5 Type 304	127.79	48.06
		For Work In Restricted Working Space, Add	*28.84*	
40 05 13 19-0428	EA	1" Flange, Stainless Steel Schedule 5 Type 304	152.21	59.11
		For Work In Restricted Working Space, Add	*35.48*	
40 05 13 19-0429	EA	1-1/4" Flange, Stainless Steel Schedule 5 Type 304	167.12	63.92
		For Work In Restricted Working Space, Add	*38.34*	
40 05 13 19-0430	EA	1-1/2" Flange, Stainless Steel Schedule 5 Type 304	185.93	70.16
		For Work In Restricted Working Space, Add	*42.11*	
40 05 13 19-0431	EA	2" Flange, Stainless Steel Schedule 5 Type 304	214.39	76.89
		For Work In Restricted Working Space, Add	*46.09*	
40 05 13 19-0432	EA	2-1/2" Flange, Stainless Steel Schedule 5 Type 304	260.55	86.50
		For Work In Restricted Working Space, Add	*51.89*	
40 05 13 19-0433	EA	3" Flange, Stainless Steel Schedule 5 Type 304	285.90	96.11
		For Work In Restricted Working Space, Add	*57.62*	
40 05 13 19-0434	EA	4" Flange, Stainless Steel Schedule 5 Type 304	388.89	128.79
		For Work In Restricted Working Space, Add	*77.26*	
40 05 13 19-0435	EA	6" Flange, Stainless Steel Schedule 5 Type 304	587.56	192.22
		For Work In Restricted Working Space, Add	*115.15*	
40 05 13 19-0436	EA	8" Flange, Stainless Steel Schedule 5 Type 304	1,549.64	279.92
		For Work In Restricted Working Space, Add	*179.95*	

40 05 13 19-0437 Caps *(40 05 13 19-0311)*

40 05 13 19-0438	EA	1/2" Cap, Stainless Steel Schedule 5 Type 304	62.03	22.10
		For Work In Restricted Working Space, Add	*13.27*	
40 05 13 19-0439	EA	3/4" Cap, Stainless Steel Schedule 5 Type 304	68.35	24.02
		For Work In Restricted Working Space, Add	*14.42*	
40 05 13 19-0440	EA	1" Cap, Stainless Steel Schedule 5 Type 304	86.56	31.71
		For Work In Restricted Working Space, Add	*19.04*	
40 05 13 19-0441	EA	1-1/4" Cap, Stainless Steel Schedule 5 Type 304	93.14	33.64
		For Work In Restricted Working Space, Add	*20.18*	
40 05 13 19-0442	EA	1-1/2" Cap, Stainless Steel Schedule 5 Type 304	104.62	38.45
		For Work In Restricted Working Space, Add	*23.07*	
40 05 13 19-0443	EA	2" Cap, Stainless Steel Schedule 5 Type 304	115.09	43.25
		For Work In Restricted Working Space, Add	*25.93*	
40 05 13 19-0444	EA	2-1/2" Cap, Stainless Steel Schedule 5 Type 304	143.80	55.26
		For Work In Restricted Working Space, Add	*33.16*	
40 05 13 19-0445	EA	3" Cap, Stainless Steel Schedule 5 Type 304	164.72	63.92
		For Work In Restricted Working Space, Add	*38.32*	
40 05 13 19-0446	EA	4" Cap, Stainless Steel Schedule 5 Type 304	235.73	85.54
		For Work In Restricted Working Space, Add	*51.31*	
40 05 13 19-0447	EA	6" Cap, Stainless Steel Schedule 5 Type 304	322.98	128.31
		For Work In Restricted Working Space, Add	*76.93*	

40 05 13 19-0448 Reducing Tees *(40 05 13 19-0311)*

40 05 13 19-0449	EA	3/4" Reducing Tees, Stainless Steel Schedule 5 Type 304	165.74	69.68
		For Work In Restricted Working Space, Add	*34.90*	
40 05 13 19-0450	EA	1" Reducing Tees, Stainless Steel Schedule 5 Type 304	191.97	85.54
		For Work In Restricted Working Space, Add	*42.77*	
40 05 13 19-0451	EA	1-1/4" Reducing Tees, Stainless Steel Schedule 5 Type 304	226.32	96.11
		For Work In Restricted Working Space, Add	*48.06*	
40 05 13 19-0452	EA	1-1/2" Reducing Tees, Stainless Steel Schedule 5 Type 304	230.52	109.57
		For Work In Restricted Working Space, Add	*54.78*	
40 05 13 19-0453	EA	2" Reducing Tees, Stainless Steel Schedule 5 Type 304	250.39	117.73
		For Work In Restricted Working Space, Add	*58.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0454	EA	2-1/2" Reducing Tees, Stainless Steel Schedule 5 Type 304	349.23	128.31
		For Work In Restricted Working Space, Add	*64.15*	
40 05 13 19-0455	EA	3" Reducing Tees, Stainless Steel Schedule 5 Type 304	350.06	153.78
		For Work In Restricted Working Space, Add	*76.90*	
40 05 13 19-0456	EA	4" Reducing Tees, Stainless Steel Schedule 5 Type 304	455.76	192.22
		For Work In Restricted Working Space, Add	*96.11*	
40 05 13 19-0457	EA	6" Reducing Tees, Stainless Steel Schedule 5 Type 304	772.23	219.61
		For Work In Restricted Working Space, Add	*109.82*	
40 05 13 19-0458	EA	8" Reducing Tee, Stainless Steel Schedule 5 Type 304L	1,350.20	279.92
		For Work In Restricted Working Space, Add	*149.96*	
40 05 13 19-0459	EA	10" Reducing Tee, Stainless Steel Schedule 5 Type 304	2,145.34	373.23
		For Work In Restricted Working Space, Add	*199.94*	
40 05 13 19-0460	EA	12" Reducing Tee, Stainless Steel Schedule 5 Type 304	2,891.00	559.85
		For Work In Restricted Working Space, Add	*299.92*	
40 05 13 19-0461	EA	14" Reducing Tee, Stainless Steel Schedule 5 Type 304	3,669.29	672.75
		For Work In Restricted Working Space, Add	*360.32*	
40 05 13 19-0462	EA	16" Reducing Tee, Stainless Steel Schedule 5 Type 304	4,108.26	820.64
		For Work In Restricted Working Space, Add	*439.52*	
40 05 13 19-0463	EA	18" Reducing Tee, Stainless Steel Schedule 5 Type 304	5,021.75	1,045.05
		For Work In Restricted Working Space, Add	*559.85*	
40 05 13 19-0464	EA	20" Reducing Tee, Stainless Steel Schedule 5 Type 304	7,631.48	1,374.89
		For Work In Restricted Working Space, Add	*736.64*	
40 05 13 19-0465	EA	24" Reducing Tee, Stainless Steel Schedule 5 Type 304	11,704.42	2,089.17
		For Work In Restricted Working Space, Add	*1,118.70*	

40 05 13 19-0466 Type 304 Schedule 10 Pipe And Welded Butt Fittings *(40 05 13 19-0231)*

40 05 13 19-0467 Pipe *(40 05 13 19-0466)*

40 05 13 19-0468	LF	1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	14.76	4.32
		For Work In Restricted Working Space, Add	*2.60*	
40 05 13 19-0469	LF	3/4" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	17.64	5.29
		For Work In Restricted Working Space, Add	*3.17*	
40 05 13 19-0470	LF	1" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	22.92	6.25
		For Work In Restricted Working Space, Add	*3.72*	
40 05 13 19-0471	LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	28.08	7.78
		For Work In Restricted Working Space, Add	*4.65*	
40 05 13 19-0472	LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	31.30	8.75
		For Work In Restricted Working Space, Add	*5.24*	
40 05 13 19-0473	LF	2" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	38.72	10.86
		For Work In Restricted Working Space, Add	*6.49*	
40 05 13 19-0474	LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	45.99	12.40
		For Work In Restricted Working Space, Add	*7.42*	
40 05 13 19-0475	LF	3" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	53.90	13.93
		For Work In Restricted Working Space, Add	*8.36*	
40 05 13 19-0476	LF	4" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	67.13	16.53
		For Work In Restricted Working Space, Add	*9.89*	
40 05 13 19-0477	LF	6" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	96.61	21.73
		For Work In Restricted Working Space, Add	*12.99*	
40 05 13 19-0478	LF	8" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	158.00	35.64
		For Work In Restricted Working Space, Add	*22.91*	
40 05 13 19-0479	LF	10" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	198.96	39.19
		For Work In Restricted Working Space, Add	*25.19*	
40 05 13 19-0480	LF	12" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	236.61	43.57
		For Work In Restricted Working Space, Add	*27.99*	
40 05 13 19-0481	LF	14" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	289.04	48.99
		For Work In Restricted Working Space, Add	*31.49*	
40 05 13 19-0482	LF	16" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	319.18	55.98
		For Work In Restricted Working Space, Add	*35.99*	
40 05 13 19-0483	LF	18" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	358.77	65.31
		For Work In Restricted Working Space, Add	*41.99*	
40 05 13 19-0484	LF	20" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	492.58	78.38
		For Work In Restricted Working Space, Add	*50.39*	
40 05 13 19-0485	LF	24" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	640.48	97.97
		For Work In Restricted Working Space, Add	*62.98*	

40 05 13 19-0486 90 Degree Elbows *(40 05 13 19-0466)*

40 05 13 19-0487	EA	1/2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	120.45	54.78
		For Work In Restricted Working Space, Add	*32.87*	
40 05 13 19-0488	EA	3/4" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	127.17	58.15
		For Work In Restricted Working Space, Add	*34.89*	
40 05 13 19-0489	EA	1" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	138.70	63.92
		For Work In Restricted Working Space, Add	*38.35*	
40 05 13 19-0490	EA	1-1/4" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	155.24	69.68
		For Work In Restricted Working Space, Add	*41.82*	
40 05 13 19-0491	EA	1-1/2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	173.90	76.89
		For Work In Restricted Working Space, Add	*46.10*	
40 05 13 19-0492	EA	2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	192.42	85.54
		For Work In Restricted Working Space, Add	*51.35*	
40 05 13 19-0493	EA	2-1/2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	248.99	109.57
		For Work In Restricted Working Space, Add	*65.67*	
40 05 13 19-0494	EA	3" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	294.22	128.31
		For Work In Restricted Working Space, Add	*76.88*	
40 05 13 19-0495	EA	4" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	377.90	153.78
		For Work In Restricted Working Space, Add	*92.12*	
40 05 13 19-0496	EA	6" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	586.02	192.22
		For Work In Restricted Working Space, Add	*115.09*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0497	EA	8" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	1,061.60	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-0498	EA	10" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	1,656.41	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-0499	EA	12" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	2,543.53	559.85
		For Work In Restricted Working Space, Add	*359.90*	
40 05 13 19-0500	EA	14" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	3,217.02	653.16
		For Work In Restricted Working Space, Add	*419.89*	
40 05 13 19-0501	EA	16" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	3,965.86	746.46
		For Work In Restricted Working Space, Add	*478.96*	
40 05 13 19-0502	EA	18" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	5,042.73	933.08
		For Work In Restricted Working Space, Add	*599.84*	
40 05 13 19-0503	EA	20" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	8,190.36	1,306.31
		For Work In Restricted Working Space, Add	*839.77*	
40 05 13 19-0504	EA	24" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	11,380.67	1,866.16
		For Work In Restricted Working Space, Add	*1,199.67*	

40 05 13 19-0505 45 Degree Elbows *(40 05 13 19-0466)*

40 05 13 19-0506	EA	1/2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304	124.91	54.78
		For Work In Restricted Working Space, Add	*32.87*	
40 05 13 19-0507	EA	3/4" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304	131.63	58.15
		For Work In Restricted Working Space, Add	*34.89*	
40 05 13 19-0508	EA	1" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304	143.16	63.92
		For Work In Restricted Working Space, Add	*38.35*	
40 05 13 19-0509	EA	1-1/4" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304	156.47	69.68
		For Work In Restricted Working Space, Add	*41.79*	
40 05 13 19-0510	EA	1-1/2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304	171.38	76.89
		For Work In Restricted Working Space, Add	*46.15*	
40 05 13 19-0511	EA	2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304	200.35	85.54
		For Work In Restricted Working Space, Add	*51.35*	
40 05 13 19-0512	EA	2-1/2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304	248.47	109.57
		For Work In Restricted Working Space, Add	*65.72*	
40 05 13 19-0513	EA	3" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304	287.25	128.31
		For Work In Restricted Working Space, Add	*76.98*	
40 05 13 19-0514	EA	4" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304	361.28	153.78
		For Work In Restricted Working Space, Add	*92.20*	
40 05 13 19-0515	EA	6" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304	499.69	192.22
		For Work In Restricted Working Space, Add	*115.34*	
40 05 13 19-0516	EA	8" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304	952.52	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-0517	EA	10" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304	1,380.76	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-0518	EA	12" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304	2,126.38	559.85
		For Work In Restricted Working Space, Add	*359.90*	
40 05 13 19-0519	EA	14" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304	2,628.21	653.16
		For Work In Restricted Working Space, Add	*419.89*	
40 05 13 19-0520	EA	16" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304	3,211.24	746.46
		For Work In Restricted Working Space, Add	*478.96*	
40 05 13 19-0521	EA	18" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304	4,356.10	933.08
		For Work In Restricted Working Space, Add	*599.84*	
40 05 13 19-0522	EA	20" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304	7,313.40	1,306.31
		For Work In Restricted Working Space, Add	*839.77*	
40 05 13 19-0523	EA	24" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304	9,937.03	1,866.16
		For Work In Restricted Working Space, Add	*1,199.67*	

40 05 13 19-0524 Tees *(40 05 13 19-0466)*

40 05 13 19-0525	EA	1/2" Tees, Stainless Steel Schedule 10 Type 304	175.75	69.68
		For Work In Restricted Working Space, Add	*41.78*	
40 05 13 19-0526	EA	3/4" Tees, Stainless Steel Schedule 10 Type 304	207.43	85.54
		For Work In Restricted Working Space, Add	*51.28*	
40 05 13 19-0527	EA	1" Tees, Stainless Steel Schedule 10 Type 304	228.56	96.11
		For Work In Restricted Working Space, Add	*57.62*	
40 05 13 19-0528	EA	1-1/4" Tees, Stainless Steel Schedule 10 Type 304	259.27	109.57
		For Work In Restricted Working Space, Add	*65.74*	
40 05 13 19-0529	EA	1-1/2" Tees, Stainless Steel Schedule 10 Type 304	276.55	117.73
		For Work In Restricted Working Space, Add	*70.56*	
40 05 13 19-0530	EA	2" Tees, Stainless Steel Schedule 10 Type 304	320.92	128.31
		For Work In Restricted Working Space, Add	*76.94*	
40 05 13 19-0531	EA	2-1/2" Tees, Stainless Steel Schedule 10 Type 304	386.40	153.78
		For Work In Restricted Working Space, Add	*92.20*	
40 05 13 19-0532	EA	3" Tees, Stainless Steel Schedule 10 Type 304	496.84	192.22
		For Work In Restricted Working Space, Add	*115.48*	
40 05 13 19-0533	EA	4" Tees, Stainless Steel Schedule 10 Type 304	553.71	216.25
		For Work In Restricted Working Space, Add	*129.62*	
40 05 13 19-0534	EA	6" Tees, Stainless Steel Schedule 10 Type 304	914.74	288.34
		For Work In Restricted Working Space, Add	*172.99*	
40 05 13 19-0535	EA	8" Tee, Stainless Steel Schedule 10 Type 304	1,446.40	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-0536	EA	10" Tee, Stainless Steel Schedule 10 Type 304	2,128.44	559.85
		For Work In Restricted Working Space, Add	*359.90*	
40 05 13 19-0537	EA	12" Tee, Stainless Steel Schedule 10 Type 304	3,511.91	699.81
		For Work In Restricted Working Space, Add	*449.88*	
40 05 13 19-0538	EA	14" Tee, Stainless Steel Schedule 10 Type 304	4,438.74	839.77
		For Work In Restricted Working Space, Add	*540.62*	
40 05 13 19-0539	EA	16" Tee, Stainless Steel Schedule 10 Type 304	5,010.44	1,026.39
		For Work In Restricted Working Space, Add	*659.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0540	EA	18" Tee, Stainless Steel Schedule 10 Type 304	6,153.10	1,306.31
		For Work In Restricted Working Space, Add	*839.77*	
40 05 13 19-0541	EA	20" Tee, Stainless Steel Schedule 10 Type 304	9,193.05	1,726.20
		For Work In Restricted Working Space, Add	*1,104.96*	
40 05 13 19-0542	EA	24" Tee, Stainless Steel Schedule 10 Type 304	14,082.82	2,612.62
		For Work In Restricted Working Space, Add	*1,679.54*	

40 05 13 19-0543 Reducers *(40 05 13 19-0466)*

40 05 13 19-0544	EA	3/4" Reducer, Stainless Steel Schedule 10 Type 304	133.53	52.86
		For Work In Restricted Working Space, Add	*31.74*	
40 05 13 19-0545	EA	1" Reducer, Stainless Steel Schedule 10 Type 304	147.33	57.67
		For Work In Restricted Working Space, Add	*34.59*	
40 05 13 19-0546	EA	1-1/4" Reducer, Stainless Steel Schedule 10 Type 304	177.80	63.92
		For Work In Restricted Working Space, Add	*38.34*	
40 05 13 19-0547	EA	1-1/2" Reducer, Stainless Steel Schedule 10 Type 304	160.67	69.68
		For Work In Restricted Working Space, Add	*41.78*	
40 05 13 19-0548	EA	2" Reducer, Stainless Steel Schedule 10 Type 304	176.98	76.89
		For Work In Restricted Working Space, Add	*46.14*	
40 05 13 19-0549	EA	2-1/2" Reducer, Stainless Steel Schedule 10 Type 304	227.34	96.11
		For Work In Restricted Working Space, Add	*57.66*	
40 05 13 19-0550	EA	3" Reducer, Stainless Steel Schedule 10 Type 304	253.66	109.57
		For Work In Restricted Working Space, Add	*65.66*	
40 05 13 19-0551	EA	4" Reducer, Stainless Steel Schedule 10 Type 304	295.67	128.31
		For Work In Restricted Working Space, Add	*76.93*	
40 05 13 19-0552	EA	6" Reducer, Stainless Steel Schedule 10 Type 304	380.02	163.39
		For Work In Restricted Working Space, Add	*97.95*	
40 05 13 19-0553	EA	8" Reducer, Stainless Steel Schedule 10 Type 304	725.16	223.94
		For Work In Restricted Working Space, Add	*143.96*	
40 05 13 19-0554	EA	10" Reducer, Stainless Steel Schedule 10 Type 304	941.00	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-0555	EA	12" Reducer, Stainless Steel Schedule 10 Type 304	1,251.47	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-0556	EA	14" Reducer, Stainless Steel Schedule 10 Type 304	1,658.91	489.86
		For Work In Restricted Working Space, Add	*314.91*	
40 05 13 19-0557	EA	16" Reducer, Stainless Steel Schedule 10 Type 304	1,956.61	559.85
		For Work In Restricted Working Space, Add	*359.18*	
40 05 13 19-0558	EA	18" Reducer, Stainless Steel Schedule 10 Type 304	2,434.92	699.81
		For Work In Restricted Working Space, Add	*449.88*	
40 05 13 19-0559	EA	20" Reducer, Stainless Steel Schedule 10 Type 304	3,618.88	933.08
		For Work In Restricted Working Space, Add	*599.84*	
40 05 13 19-0560	EA	24" Reducer, Stainless Steel Schedule 10 Type 304	5,638.64	1,399.62
		For Work In Restricted Working Space, Add	*899.75*	

40 05 13 19-0561 Flanges *(40 05 13 19-0466)*

40 05 13 19-0562	EA	1/2" Flanges, Stainless Steel Schedule 10 Type 304	72.44	22.10
		For Work In Restricted Working Space, Add	*13.27*	
40 05 13 19-0563	EA	3/4" Flanges, Stainless Steel Schedule 10 Type 304	76.29	24.02
		For Work In Restricted Working Space, Add	*14.42*	
40 05 13 19-0564	EA	1" Flanges, Stainless Steel Schedule 10 Type 304	92.64	32.19
		For Work In Restricted Working Space, Add	*19.33*	
40 05 13 19-0565	EA	1-1/4" Flanges, Stainless Steel Schedule 10 Type 304	102.07	33.64
		For Work In Restricted Working Space, Add	*20.18*	
40 05 13 19-0566	EA	1-1/2" Flanges, Stainless Steel Schedule 10 Type 304	118.29	38.45
		For Work In Restricted Working Space, Add	*23.07*	
40 05 13 19-0567	EA	2" Flanges, Stainless Steel Schedule 10 Type 304	140.07	43.25
		For Work In Restricted Working Space, Add	*25.94*	
40 05 13 19-0568	EA	2-1/2" Flanges, Stainless Steel Schedule 10 Type 304	188.59	55.26
		For Work In Restricted Working Space, Add	*33.16*	
40 05 13 19-0569	EA	3" Flanges, Stainless Steel Schedule 10 Type 304	209.57	63.92
		For Work In Restricted Working Space, Add	*38.32*	
40 05 13 19-0570	EA	4" Flanges, Stainless Steel Schedule 10 Type 304	286.83	86.50
		For Work In Restricted Working Space, Add	*51.90*	
40 05 13 19-0571	EA	6" Flanges, Stainless Steel Schedule 10 Type 304	433.21	128.31
		For Work In Restricted Working Space, Add	*76.91*	
40 05 13 19-0572	EA	8" Flange, Stainless Steel Schedule 10 Type 304	743.29	139.96
		For Work In Restricted Working Space, Add	*89.98*	
40 05 13 19-0573	EA	10" Flange, Stainless Steel Schedule 10 Type 304	1,117.78	163.28
		For Work In Restricted Working Space, Add	*104.97*	
40 05 13 19-0574	EA	12" Flange, Stainless Steel Schedule 10 Type 304	1,533.76	186.62
		For Work In Restricted Working Space, Add	*119.97*	
40 05 13 19-0575	EA	14" Flange, Stainless Steel Schedule 10 Type 304	2,028.79	233.27
		For Work In Restricted Working Space, Add	*149.96*	
40 05 13 19-0576	EA	16" Flange, Stainless Steel Schedule 10 Type 304	2,702.12	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-0577	EA	18" Flange, Stainless Steel Schedule 10 Type 304	2,820.48	326.58
		For Work In Restricted Working Space, Add	*209.94*	
40 05 13 19-0578	EA	20" Flange, Stainless Steel Schedule 10 Type 304	3,868.49	396.55
		For Work In Restricted Working Space, Add	*254.99*	
40 05 13 19-0579	EA	24" Flange, Stainless Steel Schedule 10 Type 304	8,537.30	513.19
		For Work In Restricted Working Space, Add	*329.75*	

40 05 13 19-0580 Slip-On Flanges *(40 05 13 19-0466)*

40 05 13 19-0581	EA	1/2" Flange, Stainless Steel Schedule 10 Type 304	125.50	48.06
		For Work In Restricted Working Space, Add	*28.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0582	EA	3/4" Flange, Stainless Steel Schedule 10 Type 304	129.46	48.06
		For Work In Restricted Working Space, Add	*28.84*	
40 05 13 19-0583	EA	1" Flange, Stainless Steel Schedule 10 Type 304	153.99	59.11
		For Work In Restricted Working Space, Add	*35.48*	
40 05 13 19-0584	EA	1-1/4" Flange, Stainless Steel Schedule 10 Type 304	169.19	63.92
		For Work In Restricted Working Space, Add	*38.34*	
40 05 13 19-0585	EA	1-1/2" Flange, Stainless Steel Schedule 10 Type 304	188.31	70.16
		For Work In Restricted Working Space, Add	*42.10*	
40 05 13 19-0586	EA	2" Flange, Stainless Steel Schedule 10 Type 304	217.64	76.89
		For Work In Restricted Working Space, Add	*46.10*	
40 05 13 19-0587	EA	2-1/2" Flange, Stainless Steel Schedule 10 Type 304	265.19	86.50
		For Work In Restricted Working Space, Add	*51.90*	
40 05 13 19-0588	EA	3" Flange, Stainless Steel Schedule 10 Type 304	290.86	96.11
		For Work In Restricted Working Space, Add	*57.63*	
40 05 13 19-0589	EA	4" Flange, Stainless Steel Schedule 10 Type 304	395.86	128.79
		For Work In Restricted Working Space, Add	*77.28*	
40 05 13 19-0590	EA	6" Flange, Stainless Steel Schedule 10 Type 304	598.53	192.22
		For Work In Restricted Working Space, Add	*115.22*	
40 05 13 19-0591	EA	8" Flange, Stainless Steel Schedule 10 Type 304	1,599.63	279.92
		For Work In Restricted Working Space, Add	*179.95*	

40 05 13 19-0592 Caps *(40 05 13 19-0466)*

40 05 13 19-0593	EA	1/2" Cap, Stainless Steel Schedule 10 Type 304	62.97	22.10
		For Work In Restricted Working Space, Add	*13.27*	
40 05 13 19-0594	EA	3/4" Cap, Stainless Steel Schedule 10 Type 304	69.42	24.02
		For Work In Restricted Working Space, Add	*14.42*	
40 05 13 19-0595	EA	1" Cap, Stainless Steel Schedule 10 Type 304	87.77	31.71
		For Work In Restricted Working Space, Add	*19.04*	
40 05 13 19-0596	EA	1-1/4" Cap, Stainless Steel Schedule 10 Type 304	94.50	33.64
		For Work In Restricted Working Space, Add	*20.18*	
40 05 13 19-0597	EA	1-1/2" Cap, Stainless Steel Schedule 10 Type 304	106.09	38.45
		For Work In Restricted Working Space, Add	*23.07*	
40 05 13 19-0598	EA	2" Cap, Stainless Steel Schedule 10 Type 304	116.61	43.25
		For Work In Restricted Working Space, Add	*25.94*	
40 05 13 19-0599	EA	2-1/2" Cap, Stainless Steel Schedule 10 Type 304	145.56	55.26
		For Work In Restricted Working Space, Add	*33.16*	
40 05 13 19-0600	EA	3" Cap, Stainless Steel Schedule 10 Type 304	166.65	63.92
		For Work In Restricted Working Space, Add	*38.32*	
40 05 13 19-0601	EA	4" Cap, Stainless Steel Schedule 10 Type 304	239.19	85.54
		For Work In Restricted Working Space, Add	*51.32*	
40 05 13 19-0602	EA	6" Cap, Stainless Steel Schedule 10 Type 304	326.44	128.31
		For Work In Restricted Working Space, Add	*76.91*	

40 05 13 19-0603 Reducing Tees *(40 05 13 19-0466)*

40 05 13 19-0604	EA	3/4" Reducing Tees, Stainless Steel Schedule 10 Type 304	169.65	69.68
		For Work In Restricted Working Space, Add	*34.90*	
40 05 13 19-0605	EA	1" Reducing Tees, Stainless Steel Schedule 10 Type 304	209.30	85.54
		For Work In Restricted Working Space, Add	*42.77*	
40 05 13 19-0606	EA	1-1/4" Reducing Tees, Stainless Steel Schedule 10 Type 304	233.67	96.11
		For Work In Restricted Working Space, Add	*48.06*	
40 05 13 19-0607	EA	1-1/2" Reducing Tees, Stainless Steel Schedule 10 Type 304	262.84	109.57
		For Work In Restricted Working Space, Add	*54.78*	
40 05 13 19-0608	EA	2" Reducing Tees, Stainless Steel Schedule 10 Type 304	290.41	117.73
		For Work In Restricted Working Space, Add	*58.87*	
40 05 13 19-0609	EA	2-1/2" Reducing Tees, Stainless Steel Schedule 10 Type 304	402.80	128.31
		For Work In Restricted Working Space, Add	*64.15*	
40 05 13 19-0610	EA	3" Reducing Tees, Stainless Steel Schedule 10 Type 304	419.83	153.78
		For Work In Restricted Working Space, Add	*76.90*	
40 05 13 19-0611	EA	4" Reducing Tees, Stainless Steel Schedule 10 Type 304	520.58	192.22
		For Work In Restricted Working Space, Add	*96.11*	
40 05 13 19-0612	EA	6" Reducing Tees, Stainless Steel Schedule 10 Type 304	860.11	219.61
		For Work In Restricted Working Space, Add	*109.82*	
40 05 13 19-0613	EA	8" Reducing Tee, Stainless Steel Schedule 10 Type 304	1,444.68	279.92
		For Work In Restricted Working Space, Add	*149.96*	
40 05 13 19-0614	EA	10" Reducing Tee, Stainless Steel Schedule 10 Type 304	2,991.00	373.23
		For Work In Restricted Working Space, Add	*199.94*	
40 05 13 19-0615	EA	12" Reducing Tee, Stainless Steel Schedule 10 Type 304	3,940.07	559.85
		For Work In Restricted Working Space, Add	*299.92*	
40 05 13 19-0616	EA	14" Reducing Tee, Stainless Steel Schedule 10 Type 304	5,053.65	672.75
		For Work In Restricted Working Space, Add	*360.32*	
40 05 13 19-0617	EA	16" Reducing Tee, Stainless Steel Schedule 10 Type 304	5,574.00	820.64
		For Work In Restricted Working Space, Add	*439.52*	
40 05 13 19-0618	EA	18" Reducing Tee, Stainless Steel Schedule 10 Type 304	6,766.73	1,045.05
		For Work In Restricted Working Space, Add	*559.85*	
40 05 13 19-0619	EA	20" Reducing Tee, Stainless Steel Schedule 10 Type 304	8,984.53	1,375.08
		For Work In Restricted Working Space, Add	*736.64*	
40 05 13 19-0620	EA	24" Reducing Tee, Stainless Steel Schedule 10 Type 304	13,463.04	2,088.97
		For Work In Restricted Working Space, Add	*1,118.70*	

40 05 13 19-0621 Type 304 Schedule 40 Pipe And Welded Butt Fittings *(40 05 13 19-0231)*

40 05 13 19-0622 Pipe *(40 05 13 19-0621)*

40 05 13 19-0623	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	16.26	4.32
		For Work In Restricted Working Space, Add	*2.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0624	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	19.77	5.29
		For Work In Restricted Working Space, Add	*3.17*	
40 05 13 19-0625	LF	1" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	24.06	6.25
		For Work In Restricted Working Space, Add	*3.72*	
40 05 13 19-0626	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	30.08	7.69
		For Work In Restricted Working Space, Add	*4.65*	
40 05 13 19-0627	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	34.55	8.65
		For Work In Restricted Working Space, Add	*5.24*	
40 05 13 19-0628	LF	2" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	44.07	11.06
		For Work In Restricted Working Space, Add	*6.49*	
40 05 13 19-0629	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	54.15	12.49
		For Work In Restricted Working Space, Add	*7.42*	
40 05 13 19-0630	LF	3" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	53.75	13.93
		For Work In Restricted Working Space, Add	*8.36*	
40 05 13 19-0631	LF	4" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	85.33	16.34
		For Work In Restricted Working Space, Add	*9.89*	
40 05 13 19-0632	LF	6" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	130.77	21.62
		For Work In Restricted Working Space, Add	*12.99*	
40 05 13 19-0633	LF	8" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	226.32	35.46
		For Work In Restricted Working Space, Add	*22.91*	
40 05 13 19-0634	LF	10" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	283.94	39.19
		For Work In Restricted Working Space, Add	*25.19*	
40 05 13 19-0635	LF	12" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	351.59	43.39
		For Work In Restricted Working Space, Add	*27.99*	

40 05 13 19-0636 90 Degree Elbows *(40 05 13 19-0621)*

40 05 13 19-0637	EA	1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304	125.33	54.78
		For Work In Restricted Working Space, Add	*32.87*	
40 05 13 19-0638	EA	3/4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304	132.05	58.15
		For Work In Restricted Working Space, Add	*34.89*	
40 05 13 19-0639	EA	1" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304	145.70	63.92
		For Work In Restricted Working Space, Add	*38.35*	
40 05 13 19-0640	EA	1-1/4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304	166.14	69.68
		For Work In Restricted Working Space, Add	*41.82*	
40 05 13 19-0641	EA	1-1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304	175.97	76.89
		For Work In Restricted Working Space, Add	*46.10*	
40 05 13 19-0642	EA	2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304	200.91	85.54
		For Work In Restricted Working Space, Add	*51.35*	
40 05 13 19-0643	EA	2-1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304	280.86	109.57
		For Work In Restricted Working Space, Add	*65.67*	
40 05 13 19-0644	EA	3" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304	340.37	128.31
		For Work In Restricted Working Space, Add	*76.88*	
40 05 13 19-0645	EA	4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304	455.78	153.78
		For Work In Restricted Working Space, Add	*92.12*	
40 05 13 19-0646	EA	6" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304	879.37	192.22
		For Work In Restricted Working Space, Add	*115.09*	
40 05 13 19-0647	EA	8" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304	1,431.96	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-0648	EA	10" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304	2,561.39	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-0649	EA	12" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304	3,634.06	559.85
		For Work In Restricted Working Space, Add	*359.90*	

40 05 13 19-0650 45 Degree *(40 05 13 19-0621)*

40 05 13 19-0651	EA	1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304	131.88	54.78
		For Work In Restricted Working Space, Add	*32.87*	
40 05 13 19-0652	EA	3/4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304	138.60	58.15
		For Work In Restricted Working Space, Add	*34.89*	
40 05 13 19-0653	EA	1" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304	150.13	63.92
		For Work In Restricted Working Space, Add	*38.35*	
40 05 13 19-0654	EA	1-1/4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304	161.62	69.68
		For Work In Restricted Working Space, Add	*41.79*	
40 05 13 19-0655	EA	1-1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304	183.58	76.89
		For Work In Restricted Working Space, Add	*46.15*	
40 05 13 19-0656	EA	2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304	202.42	85.54
		For Work In Restricted Working Space, Add	*51.35*	
40 05 13 19-0657	EA	2-1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304	278.36	109.57
		For Work In Restricted Working Space, Add	*65.72*	
40 05 13 19-0658	EA	3" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304	315.91	128.31
		For Work In Restricted Working Space, Add	*76.98*	
40 05 13 19-0659	EA	4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304	411.80	153.78
		For Work In Restricted Working Space, Add	*92.20*	
40 05 13 19-0660	EA	6" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304	681.89	192.22
		For Work In Restricted Working Space, Add	*115.34*	
40 05 13 19-0661	EA	8" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304	1,148.68	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-0662	EA	10" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304	1,853.21	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-0663	EA	12" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304	2,562.93	559.85
		For Work In Restricted Working Space, Add	*359.90*	

40 05 13 19-0664 Tees *(40 05 13 19-0621)*

40 05 13 19-0665	EA	1/2" Tees, Stainless Steel Schedule 40 Type 304	191.49	69.68
		For Work In Restricted Working Space, Add	*41.78*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0666	EA	3/4" Tees, Stainless Steel Schedule 40 Type 304	223.17	85.54
		For Work In Restricted Working Space, Add	*51.28*	
40 05 13 19-0667	EA	1" Tees, Stainless Steel Schedule 40 Type 304	244.30	96.11
		For Work In Restricted Working Space, Add	*57.62*	
40 05 13 19-0668	EA	1-1/4" Tees, Stainless Steel Schedule 40 Type 304	303.23	109.57
		For Work In Restricted Working Space, Add	*65.74*	
40 05 13 19-0669	EA	1-1/2" Tees, Stainless Steel Schedule 40 Type 304	287.43	117.73
		For Work In Restricted Working Space, Add	*70.56*	
40 05 13 19-0670	EA	2" Tees, Stainless Steel Schedule 40 Type 304	311.34	128.31
		For Work In Restricted Working Space, Add	*76.94*	
40 05 13 19-0671	EA	2-1/2" Tees, Stainless Steel Schedule 40 Type 304	456.06	153.78
		For Work In Restricted Working Space, Add	*92.20*	
40 05 13 19-0672	EA	3" Tees, Stainless Steel Schedule 40 Type 304	503.56	192.22
		For Work In Restricted Working Space, Add	*115.48*	
40 05 13 19-0673	EA	4" Tees, Stainless Steel Schedule 40 Type 304	593.19	216.25
		For Work In Restricted Working Space, Add	*129.62*	
40 05 13 19-0674	EA	6" Tees, Stainless Steel Schedule 40 Type 304	1,059.96	288.34
		For Work In Restricted Working Space, Add	*172.99*	
40 05 13 19-0675	EA	8" Tee, Stainless Steel Schedule 40 Type 304	2,101.07	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-0676	EA	10" Tee, Stainless Steel Schedule 40 Type 304	3,678.32	559.85
		For Work In Restricted Working Space, Add	*359.90*	
40 05 13 19-0677	EA	12" Tee, Stainless Steel Schedule 40 Type 304	4,597.90	699.81
		For Work In Restricted Working Space, Add	*449.88*	

40 05 13 19-0678 Reducers *(40 05 13 19-0621)*

40 05 13 19-0679	EA	3/4" Reducer, Stainless Steel Schedule 40 Type 304	136.86	52.86
		For Work In Restricted Working Space, Add	*31.74*	
40 05 13 19-0680	EA	1" Reducer, Stainless Steel Schedule 40 Type 304	151.16	57.67
		For Work In Restricted Working Space, Add	*34.59*	
40 05 13 19-0681	EA	1-1/4" Reducer, Stainless Steel Schedule 40 Type 304	183.79	63.92
		For Work In Restricted Working Space, Add	*38.34*	
40 05 13 19-0682	EA	1-1/2" Reducer, Stainless Steel Schedule 40 Type 304	163.28	69.68
		For Work In Restricted Working Space, Add	*41.79*	
40 05 13 19-0683	EA	2" Reducer, Stainless Steel Schedule 40 Type 304	179.80	76.89
		For Work In Restricted Working Space, Add	*46.15*	
40 05 13 19-0684	EA	2-1/2" Reducer, Stainless Steel Schedule 40 Type 304	231.59	96.11
		For Work In Restricted Working Space, Add	*57.67*	
40 05 13 19-0685	EA	3" Reducer, Stainless Steel Schedule 40 Type 304	257.80	109.57
		For Work In Restricted Working Space, Add	*65.65*	
40 05 13 19-0686	EA	4" Reducer, Stainless Steel Schedule 40 Type 304	300.38	128.31
		For Work In Restricted Working Space, Add	*76.93*	
40 05 13 19-0687	EA	6" Reducer, Stainless Steel Schedule 40 Type 304	386.41	163.39
		For Work In Restricted Working Space, Add	*97.94*	
40 05 13 19-0688	EA	8" Reducer, Stainless Steel Schedule 40 Type 304	754.59	223.94
		For Work In Restricted Working Space, Add	*143.96*	
40 05 13 19-0689	EA	10" Reducer, Stainless Steel Schedule 40 Type 304	981.94	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-0690	EA	12" Reducer, Stainless Steel Schedule 40 Type 304	1,305.68	373.23
		For Work In Restricted Working Space, Add	*239.93*	

40 05 13 19-0691 Flanges *(40 05 13 19-0621)*

40 05 13 19-0692	EA	1/2" Flanges, Stainless Steel Schedule 40 Type 304	75.82	22.10
		For Work In Restricted Working Space, Add	*13.27*	
40 05 13 19-0693	EA	3/4" Flanges, Stainless Steel Schedule 40 Type 304	79.67	24.02
		For Work In Restricted Working Space, Add	*14.42*	
40 05 13 19-0694	EA	1" Flanges, Stainless Steel Schedule 40 Type 304	96.02	32.19
		For Work In Restricted Working Space, Add	*19.33*	
40 05 13 19-0695	EA	1-1/4" Flanges, Stainless Steel Schedule 40 Type 304	106.25	33.64
		For Work In Restricted Working Space, Add	*20.18*	
40 05 13 19-0696	EA	1-1/2" Flanges, Stainless Steel Schedule 40 Type 304	123.25	38.45
		For Work In Restricted Working Space, Add	*23.07*	
40 05 13 19-0697	EA	2" Flanges, Stainless Steel Schedule 40 Type 304	146.51	43.25
		For Work In Restricted Working Space, Add	*25.94*	
40 05 13 19-0698	EA	2-1/2" Flanges, Stainless Steel Schedule 40 Type 304	197.95	55.26
		For Work In Restricted Working Space, Add	*33.16*	
40 05 13 19-0699	EA	3" Flanges, Stainless Steel Schedule 40 Type 304	219.39	63.92
		For Work In Restricted Working Space, Add	*38.32*	
40 05 13 19-0700	EA	4" Flanges, Stainless Steel Schedule 40 Type 304	300.49	86.50
		For Work In Restricted Working Space, Add	*51.90*	
40 05 13 19-0701	EA	6" Flanges, Stainless Steel Schedule 40 Type 304	454.42	128.31
		For Work In Restricted Working Space, Add	*76.91*	
40 05 13 19-0702	EA	8" Flange, Stainless Steel Schedule 40 Type 304	796.50	139.96
		For Work In Restricted Working Space, Add	*89.98*	
40 05 13 19-0703	EA	10" Flange, Stainless Steel Schedule 40 Type 304	1,209.93	163.28
		For Work In Restricted Working Space, Add	*104.97*	
40 05 13 19-0704	EA	12" Flange, Stainless Steel Schedule 40 Type 304	1,669.82	186.62
		For Work In Restricted Working Space, Add	*119.97*	

40 05 13 19-0705 Slip-On Flanges *(40 05 13 19-0621)*

40 05 13 19-0706	EA	1/2" Flange, Stainless Steel Schedule 40 Type 304	129.02	48.06
		For Work In Restricted Working Space, Add	*28.84*	
40 05 13 19-0707	EA	3/4" Flange, Stainless Steel Schedule 40 Type 304	133.46	48.06
		For Work In Restricted Working Space, Add	*28.84*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0708		EA	1" Flange, Stainless Steel Schedule 40 Type 304	158.28	59.11
			For Work In Restricted Working Space, Add	*35.48*	
40 05 13 19-0709		EA	1-1/4" Flange, Stainless Steel Schedule 40 Type 304	174.15	63.92
			For Work In Restricted Working Space, Add	*38.34*	
40 05 13 19-0710		EA	1-1/2" Flange, Stainless Steel Schedule 40 Type 304	194.07	70.16
			For Work In Restricted Working Space, Add	*42.10*	
40 05 13 19-0711		EA	2" Flange, Stainless Steel Schedule 40 Type 304	225.31	76.89
			For Work In Restricted Working Space, Add	*46.10*	
40 05 13 19-0712		EA	2-1/2" Flange, Stainless Steel Schedule 40 Type 304	276.25	86.50
			For Work In Restricted Working Space, Add	*51.90*	
40 05 13 19-0713		EA	3" Flange, Stainless Steel Schedule 40 Type 304	302.71	96.11
			For Work In Restricted Working Space, Add	*57.63*	
40 05 13 19-0714		EA	4" Flange, Stainless Steel Schedule 40 Type 304	412.46	128.79
			For Work In Restricted Working Space, Add	*77.28*	
40 05 13 19-0715		EA	6" Flange, Stainless Steel Schedule 40 Type 304	624.26	192.22
			For Work In Restricted Working Space, Add	*115.22*	
40 05 13 19-0716		EA	8" Flange, Stainless Steel Schedule 40 Type 304	1,719.61	279.92
			For Work In Restricted Working Space, Add	*179.95*	

40 05 13 19-0717 Caps *(40 05 13 19-0621)*

40 05 13 19-0718		EA	1/2" Cap, Stainless Steel Schedule 40 Type 304	65.22	22.10
			For Work In Restricted Working Space, Add	*13.27*	
40 05 13 19-0719		EA	3/4" Cap, Stainless Steel Schedule 40 Type 304	71.98	24.02
			For Work In Restricted Working Space, Add	*14.42*	
40 05 13 19-0720		EA	1" Cap, Stainless Steel Schedule 40 Type 304	90.69	31.71
			For Work In Restricted Working Space, Add	*19.04*	
40 05 13 19-0721		EA	1-1/4" Cap, Stainless Steel Schedule 40 Type 304	97.77	33.64
			For Work In Restricted Working Space, Add	*20.18*	
40 05 13 19-0722		EA	1-1/2" Cap, Stainless Steel Schedule 40 Type 304	109.59	38.45
			For Work In Restricted Working Space, Add	*23.07*	
40 05 13 19-0723		EA	2" Cap, Stainless Steel Schedule 40 Type 304	120.23	43.25
			For Work In Restricted Working Space, Add	*25.94*	
40 05 13 19-0724		EA	2-1/2" Cap, Stainless Steel Schedule 40 Type 304	149.76	55.26
			For Work In Restricted Working Space, Add	*33.16*	
40 05 13 19-0725		EA	3" Cap, Stainless Steel Schedule 40 Type 304	171.32	63.92
			For Work In Restricted Working Space, Add	*38.32*	
40 05 13 19-0726		EA	4" Cap, Stainless Steel Schedule 40 Type 304	247.36	85.54
			For Work In Restricted Working Space, Add	*51.32*	
40 05 13 19-0727		EA	6" Cap, Stainless Steel Schedule 40 Type 304	334.84	128.31
			For Work In Restricted Working Space, Add	*76.91*	

40 05 13 19-0728 Reducing Tees *(40 05 13 19-0621)*

40 05 13 19-0729		EA	1/2" Reducing Tees, Stainless Steel Schedule 40 Type 304	173.45	69.68
			For Work In Restricted Working Space, Add	*34.80*	
40 05 13 19-0730		EA	3/4" Reducing Tees, Stainless Steel Schedule 40 Type 304	199.86	85.54
			For Work In Restricted Working Space, Add	*42.72*	
40 05 13 19-0731		EA	1" Reducing Tees, Stainless Steel Schedule 40 Type 304	217.51	96.11
			For Work In Restricted Working Space, Add	*48.02*	
40 05 13 19-0732		EA	1-1/4" Reducing Tees, Stainless Steel Schedule 40 Type 304	275.04	109.57
			For Work In Restricted Working Space, Add	*54.76*	
40 05 13 19-0733		EA	1-1/2" Reducing Tees, Stainless Steel Schedule 40 Type 304	253.37	117.73
			For Work In Restricted Working Space, Add	*58.78*	
40 05 13 19-0734		EA	2" Reducing Tees, Stainless Steel Schedule 40 Type 304	274.06	128.31
			For Work In Restricted Working Space, Add	*64.11*	
40 05 13 19-0735		EA	2-1/2" Reducing Tees, Stainless Steel Schedule 40 Type 304	419.64	153.78
			For Work In Restricted Working Space, Add	*76.82*	
40 05 13 19-0736		EA	3" Reducing Tees, Stainless Steel Schedule 40 Type 304	451.37	192.22
			For Work In Restricted Working Space, Add	*96.27*	
40 05 13 19-0737		EA	4" Reducing Tees, Stainless Steel Schedule 40 Type 304	537.35	216.25
			For Work In Restricted Working Space, Add	*108.04*	
40 05 13 19-0738		EA	6" Reducing Tees, Stainless Steel Schedule 40 Type 304	1,011.84	288.34
			For Work In Restricted Working Space, Add	*144.05*	
40 05 13 19-0739		EA	8" Reducing Tee, Stainless Steel Schedule 40 Type 304	2,097.90	373.23
			For Work In Restricted Working Space, Add	*199.94*	
40 05 13 19-0740		EA	10" Reducing Tee, Stainless Steel Schedule 40 Type 304	3,726.25	559.85
			For Work In Restricted Working Space, Add	*299.92*	
40 05 13 19-0741		EA	12" Reducing Tee, Stainless Steel Schedule 40 Type 304	4,657.81	699.81
			For Work In Restricted Working Space, Add	*374.90*	

40 05 13 19-0742 Type 316, Schedule 40 Pipe And 150 LB Threaded Fittings *(40 05 13 19-0231)*

40 05 13 19-0743 Pipe *(40 05 13 19-0742)*

40 05 13 19-0744		LF	1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150# Threaded Fitting	16.08	4.44
			For Work In Restricted Working Space, Add	*2.66*	
40 05 13 19-0745		LF	3/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150# Threaded Fitting	19.22	5.58
			For Work In Restricted Working Space, Add	*3.33*	
40 05 13 19-0746		LF	1" Pipe, Stainless Steel Schedule 40 Type 316 For 150# Threaded Fitting	24.05	6.72
			For Work In Restricted Working Space, Add	*4.00*	
40 05 13 19-0747		LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150# Threaded Fitting	29.14	7.74
			For Work In Restricted Working Space, Add	*4.66*	
40 05 13 19-0748		LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150# Threaded Fitting	33.77	8.78
			For Work In Restricted Working Space, Add	*5.30*	
40 05 13 19-0749		LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For 150# Threaded Fitting	43.37	11.15
			For Work In Restricted Working Space, Add	*6.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0750	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150# Threaded Fitting	58.08	13.22
		For Work In Restricted Working Space, Add	*7.94*	
40 05 13 19-0751	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For 150# Threaded Fitting	75.42	16.62
		For Work In Restricted Working Space, Add	*10.00*	
40 05 13 19-0752	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For 150# Threaded Fitting	100.97	22.00
		For Work In Restricted Working Space, Add	*13.19*	

40 05 13 19-0753 90 Degree Elbows *(40 05 13 19-0742)*

40 05 13 19-0754	EA	1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	44.21	16.62
		For Work In Restricted Working Space, Add	*10.00*	
40 05 13 19-0755	EA	3/4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	57.66	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0756	EA	1" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	71.93	27.89
		For Work In Restricted Working Space, Add	*16.75*	
40 05 13 19-0757	EA	1-1/4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	103.06	38.21
		For Work In Restricted Working Space, Add	*22.95*	
40 05 13 19-0758	EA	1-1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	117.85	44.92
		For Work In Restricted Working Space, Add	*26.94*	
40 05 13 19-0759	EA	2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	152.26	54.33
		For Work In Restricted Working Space, Add	*32.62*	
40 05 13 19-0760	EA	2-1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	277.85	86.03
		For Work In Restricted Working Space, Add	*51.64*	
40 05 13 19-0761	EA	3" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	362.60	111.02
		For Work In Restricted Working Space, Add	*66.61*	
40 05 13 19-0762	EA	4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	542.63	137.67
		For Work In Restricted Working Space, Add	*82.58*	

40 05 13 19-0763 45 Degree Elbows *(40 05 13 19-0742)*

40 05 13 19-0764	EA	1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	48.05	16.62
		For Work In Restricted Working Space, Add	*10.00*	
40 05 13 19-0765	EA	3/4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	62.12	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0766	EA	1" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	74.17	27.89
		For Work In Restricted Working Space, Add	*16.75*	
40 05 13 19-0767	EA	1-1/4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	100.80	38.21
		For Work In Restricted Working Space, Add	*22.95*	
40 05 13 19-0768	EA	1-1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	119.00	44.92
		For Work In Restricted Working Space, Add	*26.94*	
40 05 13 19-0769	EA	2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	151.30	54.33
		For Work In Restricted Working Space, Add	*32.62*	
40 05 13 19-0770	EA	2-1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	311.07	86.03
		For Work In Restricted Working Space, Add	*51.64*	
40 05 13 19-0771	EA	3" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	426.27	111.02
		For Work In Restricted Working Space, Add	*66.63*	
40 05 13 19-0772	EA	4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	644.25	137.67
		For Work In Restricted Working Space, Add	*82.63*	

40 05 13 19-0773 Tees *(40 05 13 19-0742)*

40 05 13 19-0774	EA	1/2" Tee, Stainless Steel Schedule 40 Type 316	65.80	25.20
		For Work In Restricted Working Space, Add	*15.11*	
40 05 13 19-0775	EA	3/4" Tee, Stainless Steel Schedule 40 Type 316	85.67	33.36
		For Work In Restricted Working Space, Add	*19.99*	
40 05 13 19-0776	EA	1" Tee, Stainless Steel Schedule 40 Type 316	102.69	41.31
		For Work In Restricted Working Space, Add	*24.79*	
40 05 13 19-0777	EA	1-1/4" SST Tee, S40 Type 316	150.43	57.42
		For Work In Restricted Working Space, Add	*34.43*	
40 05 13 19-0778	EA	1-1/2" Tee, Stainless Steel Schedule 40 Type 316	170.82	64.55
		For Work In Restricted Working Space, Add	*38.73*	
40 05 13 19-0779	EA	2" Tee, Stainless Steel Schedule 40 Type 316	228.77	86.03
		For Work In Restricted Working Space, Add	*51.64*	
40 05 13 19-0780	EA	2-1/2" Tee, Stainless Steel Schedule 40 Type 316	414.78	124.45
		For Work In Restricted Working Space, Add	*74.66*	
40 05 13 19-0781	EA	3" Tee, Stainless Steel Schedule 40 Type 316	588.62	166.60
		For Work In Restricted Working Space, Add	*99.95*	
40 05 13 19-0782	EA	4" Tee, Stainless Steel Schedule 40 Type 316	826.59	206.56
		For Work In Restricted Working Space, Add	*123.94*	

40 05 13 19-0783 Reducers *(40 05 13 19-0742)*

40 05 13 19-0784	EA	3/4" x 1/2" Reducer, Stainless Steel Schedule 40 Type 316	54.09	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0785	EA	1" x 3/4" Reducer, Stainless Steel Schedule 40 Type 316	72.27	27.89
		For Work In Restricted Working Space, Add	*16.75*	
40 05 13 19-0786	EA	1-1/4" x 1" Reducer, Stainless Steel Schedule 40 Type 316	101.49	38.21
		For Work In Restricted Working Space, Add	*22.95*	
40 05 13 19-0787	EA	1-1/2" x 1-1/4" Reducer, Stainless Steel Schedule 40 Type 316	121.70	44.92
		For Work In Restricted Working Space, Add	*26.94*	
40 05 13 19-0788	EA	2" x 1-1/2" Reducer, Stainless Steel Schedule 40 Type 316	154.34	54.33
		For Work In Restricted Working Space, Add	*32.62*	
40 05 13 19-0789	EA	2-1/2" x 2" Reducer, Stainless Steel Schedule 40 Type 316	279.75	86.03
		For Work In Restricted Working Space, Add	*51.64*	
40 05 13 19-0790	EA	3" x 2-1/2" Reducer, Stainless Steel Schedule 40 Type 316	368.82	111.02
		For Work In Restricted Working Space, Add	*66.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0791	EA	4" x 3" Reducer, Stainless Steel Schedule 40 Type 316	504.06	137.67
		For Work In Restricted Working Space, Add	*82.63*	

40 05 13 19-0792 Unions *(40 05 13 19-0742)*

40 05 13 19-0793	EA	1/2" Union, Stainless Steel Schedule 40 Type 316	72.12	25.20
		For Work In Restricted Working Space, Add	*15.11*	
40 05 13 19-0794	EA	3/4" Union, Stainless Steel Schedule 40 Type 316	94.34	33.36
		For Work In Restricted Working Space, Add	*19.99*	
40 05 13 19-0795	EA	1" Union, Stainless Steel Schedule 40 Type 316	126.87	41.31
		For Work In Restricted Working Space, Add	*24.79*	
40 05 13 19-0796	EA	1-1/4" Union, Stainless Steel Schedule 40 Type 316	193.81	57.42
		For Work In Restricted Working Space, Add	*34.43*	
40 05 13 19-0797	EA	1-1/2" Union, Stainless Steel Schedule 40 Type 316	223.88	64.55
		For Work In Restricted Working Space, Add	*38.73*	
40 05 13 19-0798	EA	2" Union, Stainless Steel Schedule 40 Type 316	297.34	86.03
		For Work In Restricted Working Space, Add	*51.64*	

40 05 13 19-0799 Flanges *(40 05 13 19-0742)*

40 05 13 19-0800	EA	2-1/2" Flange, Stainless Steel Schedule 40 Type 316	278.83	86.03
		For Work In Restricted Working Space, Add	*51.64*	
40 05 13 19-0801	EA	3" Flange, Stainless Steel Schedule 40 Type 316	340.68	111.02
		For Work In Restricted Working Space, Add	*66.63*	
40 05 13 19-0802	EA	4" Flange, Stainless Steel Schedule 40 Type 316	444.62	137.67
		For Work In Restricted Working Space, Add	*82.63*	

40 05 13 19-0803 Caps *(40 05 13 19-0742)*

40 05 13 19-0804	EA	1/2" Cap, Stainless Steel Schedule 40 Type 316	20.59	8.37
		For Work In Restricted Working Space, Add	*5.00*	
40 05 13 19-0805	EA	3/4" Cap, Stainless Steel Schedule 40 Type 316	27.95	11.15
		For Work In Restricted Working Space, Add	*6.66*	
40 05 13 19-0806	EA	1" Cap, Stainless Steel Schedule 40 Type 316	35.96	13.74
		For Work In Restricted Working Space, Add	*8.26*	
40 05 13 19-0807	EA	1-1/4" Cap, Stainless Steel Schedule 40 Type 316	61.03	19.52
		For Work In Restricted Working Space, Add	*11.69*	
40 05 13 19-0808	EA	1-1/2" Cap, Stainless Steel Schedule 40 Type 316	69.44	22.00
		For Work In Restricted Working Space, Add	*13.19*	
40 05 13 19-0809	EA	2" Cap, Stainless Steel Schedule 40 Type 316	88.13	27.89
		For Work In Restricted Working Space, Add	*16.75*	
40 05 13 19-0810	EA	2-1/2" Cap, Stainless Steel Schedule 40 Type 316	134.65	41.31
		For Work In Restricted Working Space, Add	*24.79*	
40 05 13 19-0811	EA	3" Cap, Stainless Steel Schedule 40 Type 316	180.61	54.33
		For Work In Restricted Working Space, Add	*32.62*	
40 05 13 19-0812	EA	4" Cap, Stainless Steel Schedule 40 Type 316	270.59	68.89
		For Work In Restricted Working Space, Add	*41.31*	

40 05 13 19-0813 Type 316 Schedule 5 Pipe And Welded Butt Fittings *(40 05 13 19-0231)*

40 05 13 19-0814 Pipe *(40 05 13 19-0813)*

40 05 13 19-0815	LF	1/2" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting	16.76	4.32
		For Work In Restricted Working Space, Add	*2.60*	
40 05 13 19-0816	LF	3/4" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting	19.90	5.29
		For Work In Restricted Working Space, Add	*3.17*	
40 05 13 19-0817	LF	1" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting	23.67	6.25
		For Work In Restricted Working Space, Add	*3.72*	
40 05 13 19-0818	LF	1-1/4" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting	28.36	7.78
		For Work In Restricted Working Space, Add	*4.65*	
40 05 13 19-0819	LF	1-1/2" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting	32.31	8.75
		For Work In Restricted Working Space, Add	*5.24*	
40 05 13 19-0820	LF	2" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting	40.25	10.86
		For Work In Restricted Working Space, Add	*6.49*	
40 05 13 19-0821	LF	2-1/2" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting	50.63	12.40
		For Work In Restricted Working Space, Add	*7.42*	
40 05 13 19-0822	LF	3" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting	59.08	13.93
		For Work In Restricted Working Space, Add	*8.36*	
40 05 13 19-0823	LF	4" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting	72.85	16.53
		For Work In Restricted Working Space, Add	*9.89*	
40 05 13 19-0824	LF	6" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting	117.25	21.73
		For Work In Restricted Working Space, Add	*12.99*	
40 05 13 19-0825	LF	8" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting	189.60	35.64
		For Work In Restricted Working Space, Add	*22.91*	
40 05 13 19-0826	LF	10" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting	243.45	39.19
		For Work In Restricted Working Space, Add	*25.19*	
40 05 13 19-0827	LF	12" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting	278.45	43.57
		For Work In Restricted Working Space, Add	*27.99*	
40 05 13 19-0828	LF	14" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting	342.76	48.99
		For Work In Restricted Working Space, Add	*31.49*	
40 05 13 19-0829	LF	16" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting	377.34	55.98
		For Work In Restricted Working Space, Add	*35.99*	
40 05 13 19-0830	LF	18" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting	422.65	65.31
		For Work In Restricted Working Space, Add	*41.99*	
40 05 13 19-0831	LF	20" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting	565.28	78.38
		For Work In Restricted Working Space, Add	*50.39*	
40 05 13 19-0832	LF	24" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting	736.88	97.97
		For Work In Restricted Working Space, Add	*62.98*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0833		**90 Degree Elbows** *(40 05 13 19-0813)*		
40 05 13 19-0834	EA	1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316	127.49	54.78
		For Work In Restricted Working Space, Add	*32.87*	
40 05 13 19-0835	EA	3/4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316	135.14	58.15
		For Work In Restricted Working Space, Add	*34.89*	
40 05 13 19-0836	EA	1" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316	148.29	63.92
		For Work In Restricted Working Space, Add	*38.34*	
40 05 13 19-0837	EA	1-1/4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316	172.16	69.68
		For Work In Restricted Working Space, Add	*41.81*	
40 05 13 19-0838	EA	1-1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316	179.39	76.89
		For Work In Restricted Working Space, Add	*46.09*	
40 05 13 19-0839	EA	2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316	205.69	85.54
		For Work In Restricted Working Space, Add	*51.34*	
40 05 13 19-0840	EA	2-1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316	268.02	109.57
		For Work In Restricted Working Space, Add	*65.65*	
40 05 13 19-0841	EA	3" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316	318.23	128.31
		For Work In Restricted Working Space, Add	*76.85*	
40 05 13 19-0842	EA	4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316	421.63	153.78
		For Work In Restricted Working Space, Add	*92.06*	
40 05 13 19-0843	EA	6" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316	711.72	192.22
		For Work In Restricted Working Space, Add	*115.15*	
40 05 13 19-0844	EA	8" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316	1,157.26	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-0845	EA	10" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316	1,947.41	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-0846	EA	12" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316	2,298.73	559.85
		For Work In Restricted Working Space, Add	*359.90*	
40 05 13 19-0847	EA	14" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316	3,849.46	653.16
		For Work In Restricted Working Space, Add	*419.89*	
40 05 13 19-0848	EA	16" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316	4,791.16	746.46
		For Work In Restricted Working Space, Add	*478.96*	
40 05 13 19-0849	EA	18" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316	6,107.50	933.08
		For Work In Restricted Working Space, Add	*599.84*	
40 05 13 19-0850	EA	20" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316	10,059.75	1,306.31
		For Work In Restricted Working Space, Add	*839.77*	
40 05 13 19-0851	EA	24" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316	13,952.85	1,866.16
		For Work In Restricted Working Space, Add	*1,199.67*	
40 05 13 19-0852		**45 Degree Elbows** *(40 05 13 19-0813)*		
40 05 13 19-0853	EA	1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316	135.33	54.78
		For Work In Restricted Working Space, Add	*32.87*	
40 05 13 19-0854	EA	3/4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316	142.05	58.15
		For Work In Restricted Working Space, Add	*34.89*	
40 05 13 19-0855	EA	1" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316	156.84	63.92
		For Work In Restricted Working Space, Add	*38.34*	
40 05 13 19-0856	EA	1-1/4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316	188.48	69.68
		For Work In Restricted Working Space, Add	*41.79*	
40 05 13 19-0857	EA	1-1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316	180.18	76.89
		For Work In Restricted Working Space, Add	*46.15*	
40 05 13 19-0858	EA	2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316	201.47	85.54
		For Work In Restricted Working Space, Add	*51.34*	
40 05 13 19-0859	EA	2-1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316	269.39	109.57
		For Work In Restricted Working Space, Add	*65.71*	
40 05 13 19-0860	EA	3" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316	308.23	128.31
		For Work In Restricted Working Space, Add	*77.01*	
40 05 13 19-0861	EA	4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316	398.60	153.78
		For Work In Restricted Working Space, Add	*92.18*	
40 05 13 19-0862	EA	6" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316	581.19	192.22
		For Work In Restricted Working Space, Add	*115.34*	
40 05 13 19-0863	EA	8" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316	944.13	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-0864	EA	10" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316	1,572.67	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-0865	EA	12" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316	2,429.27	559.85
		For Work In Restricted Working Space, Add	*359.90*	
40 05 13 19-0866	EA	14" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316	3,029.72	653.16
		For Work In Restricted Working Space, Add	*419.89*	
40 05 13 19-0867	EA	16" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316	3,739.55	746.46
		For Work In Restricted Working Space, Add	*478.96*	
40 05 13 19-0868	EA	18" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316	5,126.16	933.08
		For Work In Restricted Working Space, Add	*599.84*	
40 05 13 19-0869	EA	20" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316	8,783.31	1,306.31
		For Work In Restricted Working Space, Add	*839.77*	
40 05 13 19-0870	EA	24" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316	11,880.09	1,866.16
		For Work In Restricted Working Space, Add	*1,199.67*	
40 05 13 19-0871		**Tees** *(40 05 13 19-0813)*		
40 05 13 19-0872	EA	1/2" Tees, Stainless Steel Schedule 5 Type 316	211.87	69.68
		For Work In Restricted Working Space, Add	*41.78*	
40 05 13 19-0873	EA	3/4" Tees, Stainless Steel Schedule 5 Type 316	243.55	85.54
		For Work In Restricted Working Space, Add	*51.28*	
40 05 13 19-0874	EA	1" Tees, Stainless Steel Schedule 5 Type 316	261.16	96.11
		For Work In Restricted Working Space, Add	*57.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0875	EA	1-1/4" Tees, Stainless Steel Schedule 5 Type 316	337.31	109.57
		For Work In Restricted Working Space, Add	*65.71*	
40 05 13 19-0876	EA	1-1/2" Tees, Stainless Steel Schedule 5 Type 316	304.20	117.73
		For Work In Restricted Working Space, Add	*70.53*	
40 05 13 19-0877	EA	2" Tees, Stainless Steel Schedule 5 Type 316	329.04	128.31
		For Work In Restricted Working Space, Add	*76.93*	
40 05 13 19-0878	EA	2-1/2" Tees, Stainless Steel Schedule 5 Type 316	513.37	153.78
		For Work In Restricted Working Space, Add	*92.18*	
40 05 13 19-0879	EA	3" Tees, Stainless Steel Schedule 5 Type 316	519.73	192.22
		For Work In Restricted Working Space, Add	*115.52*	
40 05 13 19-0880	EA	4" Tees, Stainless Steel Schedule 5 Type 316	621.87	216.25
		For Work In Restricted Working Space, Add	*129.65*	
40 05 13 19-0881	EA	6" Tees, Stainless Steel Schedule 5 Type 316	1,150.03	288.34
		For Work In Restricted Working Space, Add	*172.86*	
40 05 13 19-0882	EA	8" Tee, Stainless Steel Schedule 5 Type 316	2,111.36	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-0883	EA	10" Tee, Stainless Steel Schedule 5 Type 316	3,260.72	559.85
		For Work In Restricted Working Space, Add	*359.90*	
40 05 13 19-0884	EA	12" Tee, Stainless Steel Schedule 5 Type 316	4,134.46	699.81
		For Work In Restricted Working Space, Add	*449.88*	
40 05 13 19-0885	EA	14" Tee, Stainless Steel Schedule 5 Type 316	5,252.00	839.77
		For Work In Restricted Working Space, Add	*540.62*	
40 05 13 19-0886	EA	16" Tee, Stainless Steel Schedule 5 Type 316	5,880.14	1,026.39
		For Work In Restricted Working Space, Add	*659.51*	
40 05 13 19-0887	EA	18" Tee, Stainless Steel Schedule 5 Type 316	7,190.67	1,306.31
		For Work In Restricted Working Space, Add	*839.77*	
40 05 13 19-0888	EA	20" Tee, Stainless Steel Schedule 5 Type 316	10,896.89	1,726.20
		For Work In Restricted Working Space, Add	*1,104.96*	
40 05 13 19-0889	EA	24" Tee, Stainless Steel Schedule 5 Type 316	16,707.07	2,612.62
		For Work In Restricted Working Space, Add	*1,679.54*	

40 05 13 19-0890 Reducers *(40 05 13 19-0813)*

40 05 13 19-0891	EA	3/4" Reducer, Stainless Steel Schedule 5 Type 316	140.65	52.86
		For Work In Restricted Working Space, Add	*31.74*	
40 05 13 19-0892	EA	1" Reducer, Stainless Steel Schedule 5 Type 316	155.54	57.67
		For Work In Restricted Working Space, Add	*34.59*	
40 05 13 19-0893	EA	1-1/4" Reducer, Stainless Steel Schedule 5 Type 316	190.62	63.92
		For Work In Restricted Working Space, Add	*38.34*	
40 05 13 19-0894	EA	1-1/2" Reducer, Stainless Steel Schedule 5 Type 316	166.20	69.68
		For Work In Restricted Working Space, Add	*41.79*	
40 05 13 19-0895	EA	2" Reducer, Stainless Steel Schedule 5 Type 316	182.97	76.89
		For Work In Restricted Working Space, Add	*46.15*	
40 05 13 19-0896	EA	2-1/2" Reducer, Stainless Steel Schedule 5 Type 316	236.39	96.11
		For Work In Restricted Working Space, Add	*57.67*	
40 05 13 19-0897	EA	3" Reducer, Stainless Steel Schedule 5 Type 316	262.55	109.57
		For Work In Restricted Working Space, Add	*65.65*	
40 05 13 19-0898	EA	4" Reducer, Stainless Steel Schedule 5 Type 316	305.75	128.31
		For Work In Restricted Working Space, Add	*76.93*	
40 05 13 19-0899	EA	6" Reducer, Stainless Steel Schedule 5 Type 316	393.72	163.39
		For Work In Restricted Working Space, Add	*97.94*	
40 05 13 19-0900	EA	8" Reducer, Stainless Steel Schedule 5 Type 316	788.13	223.94
		For Work In Restricted Working Space, Add	*143.96*	
40 05 13 19-0901	EA	10" Reducer, Stainless Steel Schedule 5 Type 316	1,028.59	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-0902	EA	12" Reducer, Stainless Steel Schedule 5 Type 316	1,367.44	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-0903	EA	14" Reducer, Stainless Steel Schedule 5 Type 316	1,815.31	489.86
		For Work In Restricted Working Space, Add	*314.91*	
40 05 13 19-0904	EA	16" Reducer, Stainless Steel Schedule 5 Type 316	2,150.53	559.85
		For Work In Restricted Working Space, Add	*358.88*	
40 05 13 19-0905	EA	18" Reducer, Stainless Steel Schedule 5 Type 316	2,675.04	699.81
		For Work In Restricted Working Space, Add	*449.88*	
40 05 13 19-0906	EA	20" Reducer, Stainless Steel Schedule 5 Type 316	4,034.63	933.08
		For Work In Restricted Working Space, Add	*599.84*	
40 05 13 19-0907	EA	24" Reducer, Stainless Steel Schedule 5 Type 316	6,316.27	1,399.62
		For Work In Restricted Working Space, Add	*899.75*	

40 05 13 19-0908 Weld Neck Flanges *(40 05 13 19-0813)*

40 05 13 19-0909	EA	1/2" Flanges, Stainless Steel Schedule 5 Type 316	78.26	22.10
		For Work In Restricted Working Space, Add	*13.27*	
40 05 13 19-0910	EA	3/4" Flanges, Stainless Steel Schedule 5 Type 316	82.11	24.02
		For Work In Restricted Working Space, Add	*14.42*	
40 05 13 19-0911	EA	1" Flanges, Stainless Steel Schedule 5 Type 316	98.46	32.19
		For Work In Restricted Working Space, Add	*19.33*	
40 05 13 19-0912	EA	1-1/4" Flanges, Stainless Steel Schedule 5 Type 316	109.26	33.64
		For Work In Restricted Working Space, Add	*20.18*	
40 05 13 19-0913	EA	1-1/2" Flanges, Stainless Steel Schedule 5 Type 316	126.82	38.45
		For Work In Restricted Working Space, Add	*23.07*	
40 05 13 19-0914	EA	2" Flanges, Stainless Steel Schedule 5 Type 316	151.14	43.25
		For Work In Restricted Working Space, Add	*25.93*	
40 05 13 19-0915	EA	2-1/2" Flanges, Stainless Steel Schedule 5 Type 316	204.69	55.26
		For Work In Restricted Working Space, Add	*33.16*	
40 05 13 19-0916	EA	3" Flanges, Stainless Steel Schedule 5 Type 316	226.48	63.92
		For Work In Restricted Working Space, Add	*38.32*	
40 05 13 19-0917	EA	4" Flanges, Stainless Steel Schedule 5 Type 316	310.30	86.50
		For Work In Restricted Working Space, Add	*51.89*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0918	EA	6" Flanges, Stainless Steel Schedule 5 Type 316	469.76	128.31
		For Work In Restricted Working Space, Add	*76.93*	
40 05 13 19-0919	EA	8" Flange, Stainless Steel Schedule 5 Type 316	834.83	139.96
		For Work In Restricted Working Space, Add	*89.98*	
40 05 13 19-0920	EA	10" Flange, Stainless Steel Schedule 5 Type 316	1,276.32	163.28
		For Work In Restricted Working Space, Add	*104.97*	
40 05 13 19-0921	EA	12" Flange, Stainless Steel Schedule 5 Type 316	1,767.86	186.62
		For Work In Restricted Working Space, Add	*119.97*	
40 05 13 19-0922	EA	14" Flange, Stainless Steel Schedule 5 Type 316	2,344.45	233.27
		For Work In Restricted Working Space, Add	*149.96*	
40 05 13 19-0923	EA	16" Flange, Stainless Steel Schedule 5 Type 316	3,136.16	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-0924	EA	18" Flange, Stainless Steel Schedule 5 Type 316	3,258.31	326.58
		For Work In Restricted Working Space, Add	*209.94*	
40 05 13 19-0925	EA	20" Flange, Stainless Steel Schedule 5 Type 316	4,491.70	396.55
		For Work In Restricted Working Space, Add	*254.99*	
40 05 13 19-0926	EA	24" Flange, Stainless Steel Schedule 5 Type 316	10,073.00	513.19
		For Work In Restricted Working Space, Add	*329.75*	

40 05 13 19-0927 Slip-On Flanges *(40 05 13 19-0813)*

40 05 13 19-0928	EA	1/2" Flange, Stainless Steel Schedule 5 Type 316	131.56	48.06
		For Work In Restricted Working Space, Add	*28.84*	
40 05 13 19-0929	EA	3/4" Flange, Stainless Steel Schedule 5 Type 316	136.34	48.06
		For Work In Restricted Working Space, Add	*28.84*	
40 05 13 19-0930	EA	1" Flange, Stainless Steel Schedule 5 Type 316	161.37	59.11
		For Work In Restricted Working Space, Add	*35.48*	
40 05 13 19-0931	EA	1-1/4" Flange, Stainless Steel Schedule 5 Type 316	177.73	63.92
		For Work In Restricted Working Space, Add	*38.34*	
40 05 13 19-0932	EA	1-1/2" Flange, Stainless Steel Schedule 5 Type 316	198.23	70.16
		For Work In Restricted Working Space, Add	*42.11*	
40 05 13 19-0933	EA	2" Flange, Stainless Steel Schedule 5 Type 316	230.80	76.89
		For Work In Restricted Working Space, Add	*46.09*	
40 05 13 19-0934	EA	2-1/2" Flange, Stainless Steel Schedule 5 Type 316	284.19	86.50
		For Work In Restricted Working Space, Add	*51.89*	
40 05 13 19-0935	EA	3" Flange, Stainless Steel Schedule 5 Type 316	311.23	96.11
		For Work In Restricted Working Space, Add	*57.62*	
40 05 13 19-0936	EA	4" Flange, Stainless Steel Schedule 5 Type 316	424.35	128.79
		For Work In Restricted Working Space, Add	*77.26*	
40 05 13 19-0937	EA	6" Flange, Stainless Steel Schedule 5 Type 316	642.55	192.22
		For Work In Restricted Working Space, Add	*115.15*	
40 05 13 19-0938	EA	8" Flange, Stainless Steel Schedule 5 Type 316	1,806.05	279.92
		For Work In Restricted Working Space, Add	*179.95*	

40 05 13 19-0939 Caps *(40 05 13 19-0813)*

40 05 13 19-0940	EA	1/2" Cap, Stainless Steel Schedule 5 Type 316	66.84	22.10
		For Work In Restricted Working Space, Add	*13.27*	
40 05 13 19-0941	EA	3/4" Cap, Stainless Steel Schedule 5 Type 316	73.83	24.02
		For Work In Restricted Working Space, Add	*14.42*	
40 05 13 19-0942	EA	1" Cap, Stainless Steel Schedule 5 Type 316	92.80	31.71
		For Work In Restricted Working Space, Add	*19.04*	
40 05 13 19-0943	EA	1-1/4" Cap, Stainless Steel Schedule 5 Type 316	100.13	33.64
		For Work In Restricted Working Space, Add	*20.18*	
40 05 13 19-0944	EA	1-1/2" Cap, Stainless Steel Schedule 5 Type 316	112.11	38.45
		For Work In Restricted Working Space, Add	*23.07*	
40 05 13 19-0945	EA	2" Cap, Stainless Steel Schedule 5 Type 316	122.83	43.25
		For Work In Restricted Working Space, Add	*25.93*	
40 05 13 19-0946	EA	2-1/2" Cap, Stainless Steel Schedule 5 Type 316	152.78	55.26
		For Work In Restricted Working Space, Add	*33.16*	
40 05 13 19-0947	EA	3" Cap, Stainless Steel Schedule 5 Type 316	174.70	63.92
		For Work In Restricted Working Space, Add	*38.32*	
40 05 13 19-0948	EA	4" Cap, Stainless Steel Schedule 5 Type 316	253.19	85.54
		For Work In Restricted Working Space, Add	*51.31*	
40 05 13 19-0949	EA	6" Cap, Stainless Steel Schedule 5 Type 316	340.95	128.31
		For Work In Restricted Working Space, Add	*76.93*	

40 05 13 19-0950 Reducing Tees *(40 05 13 19-0813)*

40 05 13 19-0951	EA	3/4" Reducing Tees, Stainless Steel Schedule 5 Type 316	181.68	69.68
		For Work In Restricted Working Space, Add	*34.90*	
40 05 13 19-0952	EA	1" Reducing Tees, Stainless Steel Schedule 5 Type 316	207.92	85.54
		For Work In Restricted Working Space, Add	*42.77*	
40 05 13 19-0953	EA	1-1/4" Reducing Tees, Stainless Steel Schedule 5 Type 316	247.67	96.11
		For Work In Restricted Working Space, Add	*48.06*	
40 05 13 19-0954	EA	1-1/2" Reducing Tees, Stainless Steel Schedule 5 Type 316	245.98	109.57
		For Work In Restricted Working Space, Add	*54.78*	
40 05 13 19-0955	EA	2" Reducing Tees, Stainless Steel Schedule 5 Type 316	267.87	117.73
		For Work In Restricted Working Space, Add	*58.87*	
40 05 13 19-0956	EA	2-1/2" Reducing Tees, Stainless Steel Schedule 5 Type 316	392.94	128.31
		For Work In Restricted Working Space, Add	*64.15*	
40 05 13 19-0957	EA	3" Reducing Tees, Stainless Steel Schedule 5 Type 316	380.32	153.78
		For Work In Restricted Working Space, Add	*76.90*	
40 05 13 19-0958	EA	4" Reducing Tees, Stainless Steel Schedule 5 Type 316	499.47	192.22
		For Work In Restricted Working Space, Add	*96.11*	
40 05 13 19-0959	EA	6" Reducing Tees, Stainless Steel Schedule 5 Type 316	903.37	219.61
		For Work In Restricted Working Space, Add	*109.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-0960	EA	8" Reducing Tee, Stainless Steel Schedule 5 Type 316	1,624.76	279.92
		For Work In Restricted Working Space, Add	*149.96*	
40 05 13 19-0961	EA	10" Reducing Tee, Stainless Steel Schedule 5 Type 316	2,622.83	373.23
		For Work In Restricted Working Space, Add	*199.94*	
40 05 13 19-0962	EA	12" Reducing Tee, Stainless Steel Schedule 5 Type 316	3,501.65	559.85
		For Work In Restricted Working Space, Add	*299.92*	
40 05 13 19-0963	EA	14" Reducing Tee, Stainless Steel Schedule 5 Type 316	4,466.22	672.75
		For Work In Restricted Working Space, Add	*360.32*	
40 05 13 19-0964	EA	16" Reducing Tee, Stainless Steel Schedule 5 Type 316	4,961.68	820.64
		For Work In Restricted Working Space, Add	*439.52*	
40 05 13 19-0965	EA	18" Reducing Tee, Stainless Steel Schedule 5 Type 316	6,040.62	1,045.05
		For Work In Restricted Working Space, Add	*559.85*	
40 05 13 19-0966	EA	20" Reducing Tee, Stainless Steel Schedule 5 Type 316	9,302.68	1,374.89
		For Work In Restricted Working Space, Add	*736.64*	
40 05 13 19-0967	EA	24" Reducing Tee, Stainless Steel Schedule 5 Type 316	14,279.49	2,089.17
		For Work In Restricted Working Space, Add	*1,118.70*	

40 05 13 19-0968 Type 316 Schedule 10 Pipe And Welded Butt Fittings *(40 05 13 19-0231)*

40 05 13 19-0969 Pipe *(40 05 13 19-0968)*

40 05 13 19-0970	LF	1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	16.67	4.32
		For Work In Restricted Working Space, Add	*2.60*	
40 05 13 19-0971	LF	3/4" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	19.85	5.29
		For Work In Restricted Working Space, Add	*3.17*	
40 05 13 19-0972	LF	1" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	26.20	6.25
		For Work In Restricted Working Space, Add	*3.72*	
40 05 13 19-0973	LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	32.01	7.78
		For Work In Restricted Working Space, Add	*4.65*	
40 05 13 19-0974	LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	35.62	8.75
		For Work In Restricted Working Space, Add	*5.24*	
40 05 13 19-0975	LF	2" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	44.05	10.86
		For Work In Restricted Working Space, Add	*6.49*	
40 05 13 19-0976	LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	52.62	12.40
		For Work In Restricted Working Space, Add	*7.42*	
40 05 13 19-0977	LF	3" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	62.03	13.93
		For Work In Restricted Working Space, Add	*8.36*	
40 05 13 19-0978	LF	4" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	77.80	16.53
		For Work In Restricted Working Space, Add	*9.89*	
40 05 13 19-0979	LF	6" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	113.26	21.73
		For Work In Restricted Working Space, Add	*12.99*	
40 05 13 19-0980	LF	8" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	183.50	35.64
		For Work In Restricted Working Space, Add	*22.91*	
40 05 13 19-0981	LF	10" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	234.86	39.19
		For Work In Restricted Working Space, Add	*25.19*	
40 05 13 19-0982	LF	12" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	281.37	43.57
		For Work In Restricted Working Space, Add	*27.99*	
40 05 13 19-0983	LF	14" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	346.52	48.99
		For Work In Restricted Working Space, Add	*31.49*	
40 05 13 19-0984	LF	16" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	381.39	55.98
		For Work In Restricted Working Space, Add	*35.99*	
40 05 13 19-0985	LF	18" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	427.10	65.31
		For Work In Restricted Working Space, Add	*41.99*	
40 05 13 19-0986	LF	20" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	593.96	78.38
		For Work In Restricted Working Space, Add	*50.39*	
40 05 13 19-0987	LF	24" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	774.93	97.97
		For Work In Restricted Working Space, Add	*62.98*	

40 05 13 19-0988 90 Degree Elbows *(40 05 13 19-0968)*

40 05 13 19-0989	EA	1/2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	123.96	54.78
		For Work In Restricted Working Space, Add	*32.87*	
40 05 13 19-0990	EA	3/4" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	130.68	58.15
		For Work In Restricted Working Space, Add	*34.89*	
40 05 13 19-0991	EA	1" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	142.21	63.92
		For Work In Restricted Working Space, Add	*38.35*	
40 05 13 19-0992	EA	1-1/4" 90 Degree Elbow, Stainless Steel Schedule 10, Type 316	160.35	69.68
		For Work In Restricted Working Space, Add	*41.82*	
40 05 13 19-0993	EA	1-1/2" 90 Degree Elbow, Stainless Steel Schedule 10, Type 316	180.43	76.89
		For Work In Restricted Working Space, Add	*46.10*	
40 05 13 19-0994	EA	2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	199.28	85.54
		For Work In Restricted Working Space, Add	*51.35*	
40 05 13 19-0995	EA	2-1/2" 90 Degree Elbow, Stainless Steel Schedule 10, Type 316	258.72	109.57
		For Work In Restricted Working Space, Add	*65.67*	
40 05 13 19-0996	EA	3" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	306.47	128.31
		For Work In Restricted Working Space, Add	*76.88*	
40 05 13 19-0997	EA	4" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	400.77	153.78
		For Work In Restricted Working Space, Add	*92.12*	
40 05 13 19-0998	EA	6" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	651.37	192.22
		For Work In Restricted Working Space, Add	*115.09*	
40 05 13 19-0999	EA	8" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	1,210.69	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-1000	EA	10" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	1,932.99	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-1001	EA	12" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	2,977.43	559.85
		For Work In Restricted Working Space, Add	*359.90*	
40 05 13 19-1002	EA	14" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	3,803.82	653.16
		For Work In Restricted Working Space, Add	*419.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-1003	EA	16" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	4,730.86	746.46
		For Work In Restricted Working Space, Add	*478.96*	
40 05 13 19-1004	EA	18" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	6,025.33	933.08
		For Work In Restricted Working Space, Add	*599.84*	
40 05 13 19-1005	EA	20" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	9,931.02	1,306.31
		For Work In Restricted Working Space, Add	*839.77*	
40 05 13 19-1006	EA	24" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	13,764.05	1,866.16
		For Work In Restricted Working Space, Add	*1,199.67*	

40 05 13 19-1007 45 Degree Elbows *(40 05 13 19-0968)*

40 05 13 19-1008	EA	1/2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316	129.86	54.78
		For Work In Restricted Working Space, Add	*32.87*	
40 05 13 19-1009	EA	3/4" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316	136.58	58.15
		For Work In Restricted Working Space, Add	*34.89*	
40 05 13 19-1010	EA	1" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316	148.11	63.92
		For Work In Restricted Working Space, Add	*38.35*	
40 05 13 19-1011	EA	1-1/4" 45 Degree Elbow, Stainless Steel Schedule 10, Type 316	162.02	69.68
		For Work In Restricted Working Space, Add	*41.79*	
40 05 13 19-1012	EA	1-1/2" 45 Degree Elbow, Stainless Steel Schedule 10, Type 316	177.05	76.89
		For Work In Restricted Working Space, Add	*46.15*	
40 05 13 19-1013	EA	2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316	209.77	85.54
		For Work In Restricted Working Space, Add	*51.35*	
40 05 13 19-1014	EA	2-1/2" 45 Degree Elbow, Stainless Steel Schedule 10, Type 316	257.97	109.57
		For Work In Restricted Working Space, Add	*65.72*	
40 05 13 19-1015	EA	3" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316	297.14	128.31
		For Work In Restricted Working Space, Add	*76.98*	
40 05 13 19-1016	EA	4" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316	378.70	153.78
		For Work In Restricted Working Space, Add	*92.20*	
40 05 13 19-1017	EA	6" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316	536.90	192.22
		For Work In Restricted Working Space, Add	*115.34*	
40 05 13 19-1018	EA	8" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316	1,066.40	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-1019	EA	10" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316	1,568.34	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-1020	EA	12" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316	2,425.59	559.85
		For Work In Restricted Working Space, Add	*359.90*	
40 05 13 19-1021	EA	14" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316	3,024.89	653.16
		For Work In Restricted Working Space, Add	*419.89*	
40 05 13 19-1022	EA	16" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316	3,732.59	746.46
		For Work In Restricted Working Space, Add	*478.96*	
40 05 13 19-1023	EA	18" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316	5,117.00	933.08
		For Work In Restricted Working Space, Add	*599.84*	
40 05 13 19-1024	EA	20" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316	8,770.92	1,306.31
		For Work In Restricted Working Space, Add	*839.77*	
40 05 13 19-1025	EA	24" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316	11,854.30	1,866.16
		For Work In Restricted Working Space, Add	*1,199.67*	

40 05 13 19-1026 Tees *(40 05 13 19-0968)*

40 05 13 19-1027	EA	1/2" Tees, Stainless Steel Schedule 10 Type 316	187.53	69.68
		For Work In Restricted Working Space, Add	*41.78*	
40 05 13 19-1028	EA	3/4" Tees, Stainless Steel Schedule 10 Type 316	219.21	85.54
		For Work In Restricted Working Space, Add	*51.28*	
40 05 13 19-1029	EA	1" Tees, Stainless Steel Schedule 10 Type 316	240.34	96.11
		For Work In Restricted Working Space, Add	*57.62*	
40 05 13 19-1030	EA	1-1/4" Tees, Stainless Steel Schedule 10 Type 316	272.23	109.57
		For Work In Restricted Working Space, Add	*65.74*	
40 05 13 19-1031	EA	1-1/2" Tees, Stainless Steel Schedule 10 Type 316	289.91	117.73
		For Work In Restricted Working Space, Add	*70.56*	
40 05 13 19-1032	EA	2" Tees, Stainless Steel Schedule 10 Type 316	341.73	128.31
		For Work In Restricted Working Space, Add	*76.94*	
40 05 13 19-1033	EA	2-1/2" Tees, Stainless Steel Schedule 10 Type 316	411.92	153.78
		For Work In Restricted Working Space, Add	*92.20*	
40 05 13 19-1034	EA	3" Tees, Stainless Steel Schedule 10 Type 316	532.96	192.22
		For Work In Restricted Working Space, Add	*115.48*	
40 05 13 19-1035	EA	4" Tees, Stainless Steel Schedule 10 Type 316	592.98	216.25
		For Work In Restricted Working Space, Add	*129.62*	
40 05 13 19-1036	EA	6" Tees, Stainless Steel Schedule 10 Type 316	1,023.91	288.34
		For Work In Restricted Working Space, Add	*172.99*	
40 05 13 19-1037	EA	8" Tee, Stainless Steel Schedule 10 Type 316	1,655.17	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-1038	EA	10" Tee, Stainless Steel Schedule 10 Type 316	2,428.31	559.85
		For Work In Restricted Working Space, Add	*359.90*	
40 05 13 19-1039	EA	12" Tee, Stainless Steel Schedule 10 Type 316	4,161.64	699.81
		For Work In Restricted Working Space, Add	*449.88*	
40 05 13 19-1040	EA	14" Tee, Stainless Steel Schedule 10 Type 316	5,290.05	839.77
		For Work In Restricted Working Space, Add	*540.62*	
40 05 13 19-1041	EA	16" Tee, Stainless Steel Schedule 10 Type 316	5,918.40	1,026.39
		For Work In Restricted Working Space, Add	*659.51*	
40 05 13 19-1042	EA	18" Tee, Stainless Steel Schedule 10 Type 316	7,235.98	1,306.31
		For Work In Restricted Working Space, Add	*839.77*	
40 05 13 19-1043	EA	20" Tee, Stainless Steel Schedule 10 Type 316	10,972.04	1,726.20
		For Work In Restricted Working Space, Add	*1,104.96*	
40 05 13 19-1044	EA	24" Tee, Stainless Steel Schedule 10 Type 316	16,822.21	2,612.62
		For Work In Restricted Working Space, Add	*1,679.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-1045		**Reducers** *(40 05 13 19-0968)*		
40 05 13 19-1046	EA	3/4" Reducer, Stainless Steel Schedule 10 Type 316	142.48	52.86
		For Work In Restricted Working Space, Add	*31.74*	
40 05 13 19-1047	EA	1" Reducer, Stainless Steel Schedule 10 Type 316	157.67	57.67
		For Work In Restricted Working Space, Add	*34.59*	
40 05 13 19-1048	EA	1-1/4" Reducer, Stainless Steel Schedule 10 Type 316	193.94	63.92
		For Work In Restricted Working Space, Add	*38.34*	
40 05 13 19-1049	EA	1-1/2" Reducer, Stainless Steel Schedule 10 Type 316	167.58	69.68
		For Work In Restricted Working Space, Add	*41.78*	
40 05 13 19-1050	EA	2" Reducer, Stainless Steel Schedule 10 Type 316	184.47	76.89
		For Work In Restricted Working Space, Add	*46.14*	
40 05 13 19-1051	EA	2-1/2" Reducer, Stainless Steel Schedule 10 Type 316	238.69	96.11
		For Work In Restricted Working Space, Add	*57.66*	
40 05 13 19-1052	EA	3" Reducer, Stainless Steel Schedule 10 Type 316	264.90	109.57
		For Work In Restricted Working Space, Add	*65.66*	
40 05 13 19-1053	EA	4" Reducer, Stainless Steel Schedule 10 Type 316	308.35	128.31
		For Work In Restricted Working Space, Add	*76.93*	
40 05 13 19-1054	EA	6" Reducer, Stainless Steel Schedule 10 Type 316	397.30	163.39
		For Work In Restricted Working Space, Add	*97.95*	
40 05 13 19-1055	EA	8" Reducer, Stainless Steel Schedule 10 Type 316	804.36	223.94
		For Work In Restricted Working Space, Add	*143.96*	
40 05 13 19-1056	EA	10" Reducer, Stainless Steel Schedule 10 Type 316	1,051.16	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-1057	EA	12" Reducer, Stainless Steel Schedule 10 Type 316	1,397.31	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-1058	EA	14" Reducer, Stainless Steel Schedule 10 Type 316	1,855.60	489.86
		For Work In Restricted Working Space, Add	*314.91*	
40 05 13 19-1059	EA	16" Reducer, Stainless Steel Schedule 10 Type 316	2,201.78	559.85
		For Work In Restricted Working Space, Add	*359.18*	
40 05 13 19-1060	EA	18" Reducer, Stainless Steel Schedule 10 Type 316	2,736.91	699.81
		For Work In Restricted Working Space, Add	*449.88*	
40 05 13 19-1061	EA	20" Reducer, Stainless Steel Schedule 10 Type 316	4,141.75	933.08
		For Work In Restricted Working Space, Add	*599.84*	
40 05 13 19-1062	EA	24" Reducer, Stainless Steel Schedule 10 Type 316	6,490.85	1,399.62
		For Work In Restricted Working Space, Add	*899.75*	
40 05 13 19-1063		**Flanges** *(40 05 13 19-0968)*		
40 05 13 19-1064	EA	1/2" Flanges, Stainless Steel Schedule 10 Type 316	80.05	22.10
		For Work In Restricted Working Space, Add	*13.27*	
40 05 13 19-1065	EA	3/4" Flanges, Stainless Steel Schedule 10 Type 316	83.90	24.02
		For Work In Restricted Working Space, Add	*14.42*	
40 05 13 19-1066	EA	1" Flanges, Stainless Steel Schedule 10 Type 316	100.25	32.19
		For Work In Restricted Working Space, Add	*19.33*	
40 05 13 19-1067	EA	1-1/4" Flanges, Stainless Steel Schedule 10 Type 316	111.47	33.64
		For Work In Restricted Working Space, Add	*20.18*	
40 05 13 19-1068	EA	1-1/2" Flanges, Stainless Steel Schedule 10 Type 316	129.46	38.45
		For Work In Restricted Working Space, Add	*23.07*	
40 05 13 19-1069	EA	2" Flanges, Stainless Steel Schedule 10 Type 316	154.55	43.25
		For Work In Restricted Working Space, Add	*25.94*	
40 05 13 19-1070	EA	2-1/2" Flanges, Stainless Steel Schedule 10 Type 316	209.66	55.26
		For Work In Restricted Working Space, Add	*33.16*	
40 05 13 19-1071	EA	3" Flanges, Stainless Steel Schedule 10 Type 316	231.67	63.92
		For Work In Restricted Working Space, Add	*38.32*	
40 05 13 19-1072	EA	4" Flanges, Stainless Steel Schedule 10 Type 316	317.56	86.50
		For Work In Restricted Working Space, Add	*51.90*	
40 05 13 19-1073	EA	6" Flanges, Stainless Steel Schedule 10 Type 316	480.94	128.31
		For Work In Restricted Working Space, Add	*76.91*	
40 05 13 19-1074	EA	8" Flange, Stainless Steel Schedule 10 Type 316	862.99	139.96
		For Work In Restricted Working Space, Add	*89.98*	
40 05 13 19-1075	EA	10" Flange, Stainless Steel Schedule 10 Type 316	1,325.08	163.28
		For Work In Restricted Working Space, Add	*104.97*	
40 05 13 19-1076	EA	12" Flange, Stainless Steel Schedule 10 Type 316	1,839.86	186.62
		For Work In Restricted Working Space, Add	*119.97*	
40 05 13 19-1077	EA	14" Flange, Stainless Steel Schedule 10 Type 316	2,441.54	233.27
		For Work In Restricted Working Space, Add	*149.96*	
40 05 13 19-1078	EA	16" Flange, Stainless Steel Schedule 10 Type 316	3,269.65	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-1079	EA	18" Flange, Stainless Steel Schedule 10 Type 316	3,392.97	326.58
		For Work In Restricted Working Space, Add	*209.94*	
40 05 13 19-1080	EA	20" Flange, Stainless Steel Schedule 10 Type 316	4,683.37	396.55
		For Work In Restricted Working Space, Add	*254.99*	
40 05 13 19-1081	EA	24" Flange, Stainless Steel Schedule 10 Type 316	10,545.30	513.19
		For Work In Restricted Working Space, Add	*329.75*	
40 05 13 19-1082		**Slip-On Flanges** *(40 05 13 19-0968)*		
40 05 13 19-1083	EA	1/2" Flange, Stainless Steel Schedule 10 Type 316	133.43	48.06
		For Work In Restricted Working Space, Add	*28.84*	
40 05 13 19-1084	EA	3/4" Flange, Stainless Steel Schedule 10 Type 316	138.45	48.06
		For Work In Restricted Working Space, Add	*28.84*	
40 05 13 19-1085	EA	1" Flange, Stainless Steel Schedule 10 Type 316	163.64	59.11
		For Work In Restricted Working Space, Add	*35.48*	
40 05 13 19-1086	EA	1-1/4" Flange, Stainless Steel Schedule 10 Type 316	180.36	63.92
		For Work In Restricted Working Space, Add	*38.34*	
40 05 13 19-1087	EA	1-1/2" Flange, Stainless Steel Schedule 10 Type 316	201.26	70.16
		For Work In Restricted Working Space, Add	*42.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-1088	EA	2" Flange, Stainless Steel Schedule 10 Type 316	234.91	76.89
		For Work In Restricted Working Space, Add	*46.10*	
40 05 13 19-1089	EA	2-1/2" Flange, Stainless Steel Schedule 10 Type 316	290.07	86.50
		For Work In Restricted Working Space, Add	*51.90*	
40 05 13 19-1090	EA	3" Flange, Stainless Steel Schedule 10 Type 316	317.53	96.11
		For Work In Restricted Working Space, Add	*57.63*	
40 05 13 19-1091	EA	4" Flange, Stainless Steel Schedule 10 Type 316	433.19	128.79
		For Work In Restricted Working Space, Add	*77.28*	
40 05 13 19-1092	EA	6" Flange, Stainless Steel Schedule 10 Type 316	656.42	192.22
		For Work In Restricted Working Space, Add	*115.22*	
40 05 13 19-1093	EA	8" Flange, Stainless Steel Schedule 10 Type 316	1,869.54	279.92
		For Work In Restricted Working Space, Add	*179.95*	

40 05 13 19-1094 Caps *(40 05 13 19-0968)*

40 05 13 19-1095	EA	1/2" Cap, Stainless Steel Schedule 10 Type 316	68.03	22.10
		For Work In Restricted Working Space, Add	*13.27*	
40 05 13 19-1096	EA	3/4" Cap, Stainless Steel Schedule 10 Type 316	75.18	24.02
		For Work In Restricted Working Space, Add	*14.42*	
40 05 13 19-1097	EA	1" Cap, Stainless Steel Schedule 10 Type 316	94.34	31.71
		For Work In Restricted Working Space, Add	*19.04*	
40 05 13 19-1098	EA	1-1/4" Cap, Stainless Steel Schedule 10 Type 316	101.86	33.64
		For Work In Restricted Working Space, Add	*20.18*	
40 05 13 19-1099	EA	1-1/2" Cap, Stainless Steel Schedule 10 Type 316	113.97	38.45
		For Work In Restricted Working Space, Add	*23.07*	
40 05 13 19-1100	EA	2" Cap, Stainless Steel Schedule 10 Type 316	124.76	43.25
		For Work In Restricted Working Space, Add	*25.94*	
40 05 13 19-1101	EA	2-1/2" Cap, Stainless Steel Schedule 10 Type 316	155.01	55.26
		For Work In Restricted Working Space, Add	*33.16*	
40 05 13 19-1102	EA	3" Cap, Stainless Steel Schedule 10 Type 316	177.16	63.92
		For Work In Restricted Working Space, Add	*38.32*	
40 05 13 19-1103	EA	4" Cap, Stainless Steel Schedule 10 Type 316	257.58	85.54
		For Work In Restricted Working Space, Add	*51.32*	
40 05 13 19-1104	EA	6" Cap, Stainless Steel Schedule 10 Type 316	345.35	128.31
		For Work In Restricted Working Space, Add	*76.91*	

40 05 13 19-1105 Reducing Tees *(40 05 13 19-0968)*

40 05 13 19-1106	EA	3/4" Reducing Tees, Stainless Steel Schedule 10 Type 316	186.87	69.68
		For Work In Restricted Working Space, Add	*34.90*	
40 05 13 19-1107	EA	1" Reducing Tees, Stainless Steel Schedule 10 Type 316	230.84	85.54
		For Work In Restricted Working Space, Add	*42.77*	
40 05 13 19-1108	EA	1-1/4" Reducing Tees, Stainless Steel Schedule 10 Type 316	257.40	96.11
		For Work In Restricted Working Space, Add	*48.06*	
40 05 13 19-1109	EA	1-1/2" Reducing Tees, Stainless Steel Schedule 10 Type 316	288.75	109.57
		For Work In Restricted Working Space, Add	*54.78*	
40 05 13 19-1110	EA	2" Reducing Tees, Stainless Steel Schedule 10 Type 316	320.82	117.73
		For Work In Restricted Working Space, Add	*58.87*	
40 05 13 19-1111	EA	2-1/2" Reducing Tees, Stainless Steel Schedule 10 Type 316	463.81	128.31
		For Work In Restricted Working Space, Add	*64.15*	
40 05 13 19-1112	EA	3" Reducing Tees, Stainless Steel Schedule 10 Type 316	472.62	153.78
		For Work In Restricted Working Space, Add	*76.90*	
40 05 13 19-1113	EA	4" Reducing Tees, Stainless Steel Schedule 10 Type 316	585.22	192.22
		For Work In Restricted Working Space, Add	*96.11*	
40 05 13 19-1114	EA	6" Reducing Tees, Stainless Steel Schedule 10 Type 316	1,019.63	219.61
		For Work In Restricted Working Space, Add	*109.82*	
40 05 13 19-1115	EA	8" Reducing Tee, Stainless Steel Schedule 10 Type 316	1,749.74	279.92
		For Work In Restricted Working Space, Add	*149.96*	
40 05 13 19-1116	EA	10" Reducing Tee, Stainless Steel Schedule 10 Type 316	3,741.52	373.23
		For Work In Restricted Working Space, Add	*199.94*	
40 05 13 19-1117	EA	12" Reducing Tee, Stainless Steel Schedule 10 Type 316	4,889.44	559.85
		For Work In Restricted Working Space, Add	*299.92*	
40 05 13 19-1118	EA	14" Reducing Tee, Stainless Steel Schedule 10 Type 316	6,297.56	672.75
		For Work In Restricted Working Space, Add	*360.32*	
40 05 13 19-1119	EA	16" Reducing Tee, Stainless Steel Schedule 10 Type 316	6,900.67	820.64
		For Work In Restricted Working Space, Add	*439.52*	
40 05 13 19-1120	EA	18" Reducing Tee, Stainless Steel Schedule 10 Type 316	8,349.00	1,045.05
		For Work In Restricted Working Space, Add	*559.85*	
40 05 13 19-1121	EA	20" Reducing Tee, Stainless Steel Schedule 10 Type 316	11,092.60	1,375.08
		For Work In Restricted Working Space, Add	*736.64*	
40 05 13 19-1122	EA	24" Reducing Tee, Stainless Steel Schedule 10 Type 316	16,605.92	2,088.97
		For Work In Restricted Working Space, Add	*1,118.70*	

40 05 13 19-1123 Type 316 Schedule 40 Pipe And Welded Butt Fittings *(40 05 13 19-0231)*

40 05 13 19-1124 Pipe *(40 05 13 19-1123)*

40 05 13 19-1125	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting	18.81	4.32
		For Work In Restricted Working Space, Add	*2.60*	
40 05 13 19-1126	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting	22.84	5.29
		For Work In Restricted Working Space, Add	*3.17*	
40 05 13 19-1127	LF	1" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting	27.97	6.25
		For Work In Restricted Working Space, Add	*3.72*	
40 05 13 19-1128	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting	34.96	7.69
		For Work In Restricted Working Space, Add	*4.65*	
40 05 13 19-1129	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting	40.26	8.65
		For Work In Restricted Working Space, Add	*5.24*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-1130		LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting	51.58	11.06
			For Work In Restricted Working Space, Add	*6.49*	
40 05 13 19-1131		LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting	63.99	12.49
			For Work In Restricted Working Space, Add	*7.42*	
40 05 13 19-1132		LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting	62.41	13.93
			For Work In Restricted Working Space, Add	*8.36*	
40 05 13 19-1133		LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting	102.85	16.34
			For Work In Restricted Working Space, Add	*9.89*	
40 05 13 19-1134		LF	6" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting	160.04	21.62
			For Work In Restricted Working Space, Add	*12.99*	
40 05 13 19-1135		LF	8" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	276.49	35.46
			For Work In Restricted Working Space, Add	*22.91*	
40 05 13 19-1136		LF	10" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	350.83	39.19
			For Work In Restricted Working Space, Add	*25.19*	
40 05 13 19-1137		LF	12" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	437.99	43.39
			For Work In Restricted Working Space, Add	*27.99*	

40 05 13 19-1138 90 Degree Elbows *(40 05 13 19-1123)*

40 05 13 19-1139		EA	1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	130.41	54.78
			For Work In Restricted Working Space, Add	*32.87*	
40 05 13 19-1140		EA	3/4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	137.13	58.15
			For Work In Restricted Working Space, Add	*34.89*	
40 05 13 19-1141		EA	1" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	151.48	63.92
			For Work In Restricted Working Space, Add	*38.35*	
40 05 13 19-1142		EA	1-1/4" 90 Degree Elbow, Stainless Steel Schedule 40, Type 316	174.78	69.68
			For Work In Restricted Working Space, Add	*41.82*	
40 05 13 19-1143		EA	1-1/2" 90 Degree Elbow, Stainless Steel Schedule 40, Type 316	183.17	76.89
			For Work In Restricted Working Space, Add	*46.10*	
40 05 13 19-1144		EA	2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	210.52	85.54
			For Work In Restricted Working Space, Add	*51.35*	
40 05 13 19-1145		EA	2-1/2" 90 Degree Elbow, Stainless Steel Schedule 40, Type 316	300.86	109.57
			For Work In Restricted Working Space, Add	*65.67*	
40 05 13 19-1146		EA	3" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	367.52	128.31
			For Work In Restricted Working Space, Add	*76.88*	
40 05 13 19-1147		EA	4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	503.80	153.78
			For Work In Restricted Working Space, Add	*92.12*	
40 05 13 19-1148		EA	6" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	1,039.43	192.22
			For Work In Restricted Working Space, Add	*115.09*	
40 05 13 19-1149		EA	8" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	1,700.63	279.92
			For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-1150		EA	10" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	3,130.17	373.23
			For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-1151		EA	12" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	4,420.06	559.85
			For Work In Restricted Working Space, Add	*359.90*	

40 05 13 19-1152 45 Degree Elbows *(40 05 13 19-1123)*

40 05 13 19-1153		EA	1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	139.08	54.78
			For Work In Restricted Working Space, Add	*32.87*	
40 05 13 19-1154		EA	3/4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	145.80	58.15
			For Work In Restricted Working Space, Add	*34.89*	
40 05 13 19-1155		EA	1" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	157.33	63.92
			For Work In Restricted Working Space, Add	*38.35*	
40 05 13 19-1156		EA	1-1/4" 45 Degree Elbow, Stainless Steel Schedule 40, Type 316	168.82	69.68
			For Work In Restricted Working Space, Add	*41.79*	
40 05 13 19-1157		EA	1-1/2" 45 Degree Elbow, Stainless Steel Schedule 40, Type 316	193.19	76.89
			For Work In Restricted Working Space, Add	*46.15*	
40 05 13 19-1158		EA	2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	212.51	85.54
			For Work In Restricted Working Space, Add	*51.35*	
40 05 13 19-1159		EA	2-1/2" 45 Degree Elbow, Stainless Steel Schedule 40, Type 316	297.51	109.57
			For Work In Restricted Working Space, Add	*65.72*	
40 05 13 19-1160		EA	3" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	335.06	128.31
			For Work In Restricted Working Space, Add	*76.98*	
40 05 13 19-1161		EA	4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	445.52	153.78
			For Work In Restricted Working Space, Add	*92.20*	
40 05 13 19-1162		EA	6" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	777.92	192.22
			For Work In Restricted Working Space, Add	*115.34*	
40 05 13 19-1163		EA	8" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	1,325.89	279.92
			For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-1164		EA	10" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	2,193.33	373.23
			For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-1165		EA	12" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	3,003.09	559.85
			For Work In Restricted Working Space, Add	*359.90*	

40 05 13 19-1166 Tees *(40 05 13 19-1123)*

40 05 13 19-1167		EA	1/2" Tees, Stainless Steel Schedule 40 Type 316	208.35	69.68
			For Work In Restricted Working Space, Add	*41.78*	
40 05 13 19-1168		EA	3/4" Tees, Stainless Steel Schedule 40 Type 316	240.03	85.54
			For Work In Restricted Working Space, Add	*51.28*	
40 05 13 19-1169		EA	1" Tees, Stainless Steel Schedule 40 Type 316	261.16	96.11
			For Work In Restricted Working Space, Add	*57.62*	
40 05 13 19-1170		EA	1-1/4" Tees, Stainless Steel Schedule 40 Type 316	330.38	109.57
			For Work In Restricted Working Space, Add	*65.74*	
40 05 13 19-1171		EA	1-1/2" Tees, Stainless Steel Schedule 40 Type 316	304.29	117.73
			For Work In Restricted Working Space, Add	*70.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-1172	EA	2" Tees, Stainless Steel Schedule 40 Type 316	329.07	128.31
		For Work In Restricted Working Space, Add	*76.94*	
40 05 13 19-1173	EA	2-1/2" Tees, Stainless Steel Schedule 40 Type 316	504.08	153.78
		For Work In Restricted Working Space, Add	*92.20*	
40 05 13 19-1174	EA	3" Tees, Stainless Steel Schedule 40 Type 316	541.86	192.22
		For Work In Restricted Working Space, Add	*115.48*	
40 05 13 19-1175	EA	4" Tees, Stainless Steel Schedule 40 Type 316	645.21	216.25
		For Work In Restricted Working Space, Add	*129.62*	
40 05 13 19-1176	EA	6" Tees, Stainless Steel Schedule 40 Type 316	1,216.01	288.34
		For Work In Restricted Working Space, Add	*172.99*	
40 05 13 19-1177	EA	8" Tee, Stainless Steel Schedule 40 Type 316	2,521.23	373.23
		For Work In Restricted Working Space, Add	*239.93*	
40 05 13 19-1178	EA	10" Tee, Stainless Steel Schedule 40 Type 316	4,478.62	559.85
		For Work In Restricted Working Space, Add	*359.90*	
40 05 13 19-1179	EA	12" Tee, Stainless Steel Schedule 40 Type 316	5,598.27	699.81
		For Work In Restricted Working Space, Add	*449.88*	

40 05 13 19-1180 Reducers *(40 05 13 19-1123)*

40 05 13 19-1181	EA	3/4" Reducer, Stainless Steel Schedule 40 Type 316	146.88	52.86
		For Work In Restricted Working Space, Add	*31.74*	
40 05 13 19-1182	EA	1" Reducer, Stainless Steel Schedule 40 Type 316	162.74	57.67
		For Work In Restricted Working Space, Add	*34.59*	
40 05 13 19-1183	EA	1-1/4" Reducer, Stainless Steel Schedule 40 Type 316	201.87	63.92
		For Work In Restricted Working Space, Add	*38.34*	
40 05 13 19-1184	EA	1-1/2" Reducer, Stainless Steel Schedule 40 Type 316	171.02	69.68
		For Work In Restricted Working Space, Add	*41.79*	
40 05 13 19-1185	EA	2" Reducer, Stainless Steel Schedule 40 Type 316	188.19	76.89
		For Work In Restricted Working Space, Add	*46.15*	
40 05 13 19-1186	EA	2-1/2" Reducer, Stainless Steel Schedule 40 Type 316	244.30	96.11
		For Work In Restricted Working Space, Add	*57.67*	
40 05 13 19-1187	EA	3" Reducer, Stainless Steel Schedule 40 Type 316	270.38	109.57
		For Work In Restricted Working Space, Add	*65.65*	
40 05 13 19-1188	EA	4" Reducer, Stainless Steel Schedule 40 Type 316	314.58	128.31
		For Work In Restricted Working Space, Add	*76.93*	
40 05 13 19-1189	EA	6" Reducer, Stainless Steel Schedule 40 Type 316	405.76	163.39
		For Work In Restricted Working Space, Add	*97.94*	
40 05 13 19-1190	EA	8" Reducer, Stainless Steel Schedule 40 Type 316	843.29	223.94
		For Work In Restricted Working Space, Add	*143.96*	
40 05 13 19-1191	EA	10" Reducer, Stainless Steel Schedule 40 Type 316	1,105.31	279.92
		For Work In Restricted Working Space, Add	*179.95*	
40 05 13 19-1192	EA	12" Reducer, Stainless Steel Schedule 40 Type 316	1,469.02	373.23
		For Work In Restricted Working Space, Add	*239.93*	

40 05 13 19-1193 Flanges *(40 05 13 19-1123)*

40 05 13 19-1194	EA	1/2" Flanges, Stainless Steel Schedule 40 Type 316	84.35	22.10
		For Work In Restricted Working Space, Add	*13.27*	
40 05 13 19-1195	EA	3/4" Flanges, Stainless Steel Schedule 40 Type 316	88.20	24.02
		For Work In Restricted Working Space, Add	*14.42*	
40 05 13 19-1196	EA	1" Flanges, Stainless Steel Schedule 40 Type 316	104.55	32.19
		For Work In Restricted Working Space, Add	*19.33*	
40 05 13 19-1197	EA	1-1/4" Flanges, Stainless Steel Schedule 40 Type 316	116.77	33.64
		For Work In Restricted Working Space, Add	*20.18*	
40 05 13 19-1198	EA	1-1/2" Flanges, Stainless Steel Schedule 40 Type 316	135.76	38.45
		For Work In Restricted Working Space, Add	*23.07*	
40 05 13 19-1199	EA	2" Flanges, Stainless Steel Schedule 40 Type 316	162.72	43.25
		For Work In Restricted Working Space, Add	*25.94*	
40 05 13 19-1200	EA	2-1/2" Flanges, Stainless Steel Schedule 40 Type 316	221.55	55.26
		For Work In Restricted Working Space, Add	*33.16*	
40 05 13 19-1201	EA	3" Flanges, Stainless Steel Schedule 40 Type 316	244.14	63.92
		For Work In Restricted Working Space, Add	*38.32*	
40 05 13 19-1202	EA	4" Flanges, Stainless Steel Schedule 40 Type 316	334.90	86.50
		For Work In Restricted Working Space, Add	*51.90*	
40 05 13 19-1203	EA	6" Flanges, Stainless Steel Schedule 40 Type 316	507.89	128.31
		For Work In Restricted Working Space, Add	*76.91*	
40 05 13 19-1204	EA	8" Flange, Stainless Steel Schedule 40 Type 316	930.56	139.96
		For Work In Restricted Working Space, Add	*89.98*	
40 05 13 19-1205	EA	10" Flange, Stainless Steel Schedule 40 Type 316	1,442.10	163.28
		For Work In Restricted Working Space, Add	*104.97*	
40 05 13 19-1206	EA	12" Flange, Stainless Steel Schedule 40 Type 316	2,012.65	186.62
		For Work In Restricted Working Space, Add	*119.97*	

40 05 13 19-1207 Slip-On Flanges *(40 05 13 19-1123)*

40 05 13 19-1208	EA	1/2" Flange, Stainless Steel Schedule 40 Type 316	137.90	48.06
		For Work In Restricted Working Space, Add	*28.84*	
40 05 13 19-1209	EA	3/4" Flange, Stainless Steel Schedule 40 Type 316	143.53	48.06
		For Work In Restricted Working Space, Add	*28.84*	
40 05 13 19-1210	EA	1" Flange, Stainless Steel Schedule 40 Type 316	169.09	59.11
		For Work In Restricted Working Space, Add	*35.48*	
40 05 13 19-1211	EA	1-1/4" Flange, Stainless Steel Schedule 40 Type 316	186.66	63.92
		For Work In Restricted Working Space, Add	*38.34*	
40 05 13 19-1212	EA	1-1/2" Flange, Stainless Steel Schedule 40 Type 316	208.57	70.16
		For Work In Restricted Working Space, Add	*42.10*	
40 05 13 19-1213	EA	2" Flange, Stainless Steel Schedule 40 Type 316	244.65	76.89
		For Work In Restricted Working Space, Add	*46.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-1214	EA	2-1/2" Flange, Stainless Steel Schedule 40 Type 316	304.12	86.50
		For Work In Restricted Working Space, Add	*51.90*	
40 05 13 19-1215	EA	3" Flange, Stainless Steel Schedule 40 Type 316	332.58	96.11
		For Work In Restricted Working Space, Add	*57.63*	
40 05 13 19-1216	EA	4" Flange, Stainless Steel Schedule 40 Type 316	454.26	128.79
		For Work In Restricted Working Space, Add	*77.28*	
40 05 13 19-1217	EA	6" Flange, Stainless Steel Schedule 40 Type 316	689.10	192.22
		For Work In Restricted Working Space, Add	*115.22*	
40 05 13 19-1218	EA	8" Flange, Stainless Steel Schedule 40 Type 316	2,021.90	279.92
		For Work In Restricted Working Space, Add	*179.95*	

40 05 13 19-1219 Caps *(40 05 13 19-1123)*

40 05 13 19-1220	EA	1/2" Cap, Stainless Steel Schedule 40 Type 316	70.88	22.10
		For Work In Restricted Working Space, Add	*13.27*	
40 05 13 19-1221	EA	3/4" Cap, Stainless Steel Schedule 40 Type 316	78.44	24.02
		For Work In Restricted Working Space, Add	*14.42*	
40 05 13 19-1222	EA	1" Cap, Stainless Steel Schedule 40 Type 316	98.05	31.71
		For Work In Restricted Working Space, Add	*19.04*	
40 05 13 19-1223	EA	1-1/4" Cap, Stainless Steel Schedule 40 Type 316	106.01	33.64
		For Work In Restricted Working Space, Add	*20.18*	
40 05 13 19-1224	EA	1-1/2" Cap, Stainless Steel Schedule 40 Type 316	118.42	38.45
		For Work In Restricted Working Space, Add	*23.07*	
40 05 13 19-1225	EA	2" Cap, Stainless Steel Schedule 40 Type 316	129.35	43.25
		For Work In Restricted Working Space, Add	*25.94*	
40 05 13 19-1226	EA	2-1/2" Cap, Stainless Steel Schedule 40 Type 316	160.35	55.26
		For Work In Restricted Working Space, Add	*33.16*	
40 05 13 19-1227	EA	3" Cap, Stainless Steel Schedule 40 Type 316	183.09	63.92
		For Work In Restricted Working Space, Add	*38.32*	
40 05 13 19-1228	EA	4" Cap, Stainless Steel Schedule 40 Type 316	267.96	85.54
		For Work In Restricted Working Space, Add	*51.32*	
40 05 13 19-1229	EA	6" Cap, Stainless Steel Schedule 40 Type 316	356.02	128.31
		For Work In Restricted Working Space, Add	*76.91*	

40 05 13 19-1230 Reducing Tees *(40 05 13 19-1123)*

40 05 13 19-1231	EA	1/2" Reducing Tees, Stainless Steel Schedule 40 Type 316	192.00	69.68
		For Work In Restricted Working Space, Add	*34.80*	
40 05 13 19-1232	EA	3/4" Reducing Tees, Stainless Steel Schedule 40 Type 316	218.41	85.54
		For Work In Restricted Working Space, Add	*42.72*	
40 05 13 19-1233	EA	1" Reducing Tees, Stainless Steel Schedule 40 Type 316	236.06	96.11
		For Work In Restricted Working Space, Add	*48.02*	
40 05 13 19-1234	EA	1-1/4" Reducing Tees, Stainless Steel Schedule 40 Type 316	304.91	109.57
		For Work In Restricted Working Space, Add	*54.76*	
40 05 13 19-1235	EA	1-1/2" Reducing Tees, Stainless Steel Schedule 40 Type 316	271.92	117.73
		For Work In Restricted Working Space, Add	*58.78*	
40 05 13 19-1236	EA	2" Reducing Tees, Stainless Steel Schedule 40 Type 316	293.56	128.31
		For Work In Restricted Working Space, Add	*64.11*	
40 05 13 19-1237	EA	2-1/2" Reducing Tees, Stainless Steel Schedule 40 Type 316	472.46	153.78
		For Work In Restricted Working Space, Add	*76.82*	
40 05 13 19-1238	EA	3" Reducing Tees, Stainless Steel Schedule 40 Type 316	493.50	192.22
		For Work In Restricted Working Space, Add	*96.27*	
40 05 13 19-1239	EA	4" Reducing Tees, Stainless Steel Schedule 40 Type 316	594.57	216.25
		For Work In Restricted Working Space, Add	*108.04*	
40 05 13 19-1240	EA	6" Reducing Tees, Stainless Steel Schedule 40 Type 316	1,183.50	288.34
		For Work In Restricted Working Space, Add	*144.05*	
40 05 13 19-1241	EA	8" Reducing Tee, Stainless Steel Schedule 40 Type 316	2,560.07	373.23
		For Work In Restricted Working Space, Add	*199.94*	
40 05 13 19-1242	EA	10" Reducing Tee, Stainless Steel Schedule 40 Type 316	4,606.57	559.85
		For Work In Restricted Working Space, Add	*299.92*	
40 05 13 19-1243	EA	12" Reducing Tee, Stainless Steel Schedule 40 Type 316	5,758.21	699.81
		For Work In Restricted Working Space, Add	*374.90*	

40 05 13 19-1244 Valves *(40 05 13 19-0231)*

40 05 13 19-1245 Gate Valves, Class 150 *(40 05 13 19-1244)*

40 05 13 19-1246	EA	1/2" Gate Valve, Stainless Steel, Flanged	504.80	49.06
		For Work In Restricted Working Space, Add	*29.44*	
		For Class 200, Deduct	*-108.79*	
		For Class 300, Add	*382.28*	
40 05 13 19-1247	EA	3/4" Gate Valve, Stainless Steel, Flanged	541.05	51.64
		For Work In Restricted Working Space, Add	*30.99*	
		For Class 200, Deduct	*-117.10*	
		For Class 300, Add	*411.49*	
40 05 13 19-1248	EA	1" Gate Valve, Stainless Steel, Flanged	635.92	51.64
		For Work In Restricted Working Space, Add	*30.99*	
		For Class 200, Deduct	*-142.48*	
		For Class 300, Add	*500.67*	
40 05 13 19-1249	EA	1-1/4" Gate Valve, Stainless Steel, Flanged	817.69	68.69
		For Work In Restricted Working Space, Add	*41.21*	
		For Class 200, Deduct	*-181.98*	
		For Class 300, Add	*639.49*	
40 05 13 19-1250	EA	1-1/2" Gate Valve, Stainless Steel, Flanged	926.62	86.23
		For Work In Restricted Working Space, Add	*51.74*	
		For Class 200, Deduct	*-201.73*	
		For Class 300, Add	*708.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-1251	EA	2" Gate Valve, Stainless Steel, Flanged	1,121.77	114.64
		For Work In Restricted Working Space, Add	*68.79*	
		For Class 200, Deduct	*-238.73*	
		For Class 300, Add	*838.91*	
40 05 13 19-1252	EA	2-1/2" Gate Valve, Stainless Steel, Flanged	1,626.91	147.69
		For Work In Restricted Working Space, Add	*88.63*	
		For Class 300, Add	*1,251.60*	
40 05 13 19-1253	EA	3" Gate Valve, Stainless Steel, Flanged	1,836.64	171.97
		For Work In Restricted Working Space, Add	*103.14*	
		For Class 300, Add	*1,403.26*	
40 05 13 19-1254	EA	4" Gate Valve, Stainless Steel, Flanged	2,349.55	219.99
		For Work In Restricted Working Space, Add	*131.96*	
		For Class 300, Add	*1,795.11*	
40 05 13 19-1255	EA	6" Gate Valve, Stainless Steel, Flanged	3,835.89	258.20
		For Work In Restricted Working Space, Add	*154.92*	
		For Class 300, Add	*3,120.32*	
40 05 13 19-1256	EA	8" Gate Valve, Stainless Steel, Flanged	8,185.80	294.87
		For Work In Restricted Working Space, Add	*176.85*	
		For Class 300, Add	*7,140.52*	
40 05 13 19-1257	EA	10" Gate Valve, Stainless Steel, Flanged	11,519.13	361.48
		For Work In Restricted Working Space, Add	*216.98*	
		For Class 300, Add	*10,148.12*	
40 05 13 19-1258	EA	12" Gate Valve, Stainless Steel, Flanged	17,306.17	437.91
		For Work In Restricted Working Space, Add	*262.85*	
		For Class 300, Add	*15,444.21*	

40 05 13 19-1259 Globe Valves, Class 150 *(40 05 13 19-1244)*

40 05 13 19-1260	EA	1/2" Globe Valve, Stainless Steel, Flanged	672.58	49.06
		For Work In Restricted Working Space, Add	*29.42*	
		For Class 200, Deduct	*-153.68*	
		For Class 300, Add	*540.03*	
40 05 13 19-1261	EA	3/4" Globe Valve, Stainless Steel, Flanged	736.03	51.64
		For Work In Restricted Working Space, Add	*30.98*	
		For Class 200, Deduct	*-169.27*	
		For Class 300, Add	*594.81*	
40 05 13 19-1262	EA	1" Globe Valve, Stainless Steel, Flanged	891.05	54.22
		For Work In Restricted Working Space, Add	*32.52*	
		For Class 200, Deduct	*-209.36*	
		For Class 300, Add	*735.68*	
40 05 13 19-1263	EA	1-1/2" Globe Valve, Stainless Steel, Flanged	1,338.06	86.23
		For Work In Restricted Working Space, Add	*51.73*	
		For Class 200, Deduct	*-311.81*	
		For Class 300, Add	*1,095.70*	
40 05 13 19-1264	EA	2" Globe Valve, Stainless Steel, Flanged	1,653.05	114.64
		For Work In Restricted Working Space, Add	*68.79*	
		For Class 200, Deduct	*-380.86*	
		For Class 300, Add	*1,338.33*	
40 05 13 19-1265	EA	2-1/2" Globe Valve, Stainless Steel, Flanged	3,292.67	147.69
		For Work In Restricted Working Space, Add	*88.59*	
		For Class 300, Add	*2,817.54*	
40 05 13 19-1266	EA	3" Globe Valve, Stainless Steel, Flanged	3,424.46	171.97
		For Work In Restricted Working Space, Add	*103.14*	
		For Class 300, Add	*2,895.81*	
40 05 13 19-1267	EA	4" Globe Valve, Stainless Steel, Flanged	4,020.06	219.99
		For Work In Restricted Working Space, Add	*131.96*	
		For Class 300, Add	*3,365.39*	
40 05 13 19-1268	EA	6" Globe Valve, Stainless Steel, Flanged	7,302.13	258.20
		For Work In Restricted Working Space, Add	*154.92*	
		For Class 300, Add	*6,378.59*	

40 05 13 19-1269 Check Valves, Class 150 *(40 05 13 19-1244)*

40 05 13 19-1270	EA	2-1/2" Check Valve, Stainless Steel, Flanged	1,562.88	147.69
		For Work In Restricted Working Space, Add	*88.59*	
		For Class 300, Add	*1,191.53*	
40 05 13 19-1271	EA	3" Check Valve, Stainless Steel, Flanged	1,650.93	171.97
		For Work In Restricted Working Space, Add	*103.14*	
		For Class 300, Add	*1,228.69*	
40 05 13 19-1272	EA	4" Check Valve, Stainless Steel, Flanged	2,474.12	219.99
		For Work In Restricted Working Space, Add	*131.96*	
		For Class 300, Add	*1,912.20*	
40 05 13 19-1273	EA	6" Check Valve, Stainless Steel, Flanged	4,152.10	258.20
		For Work In Restricted Working Space, Add	*154.92*	
		For Class 300, Add	*3,417.56*	
40 05 13 19-1274	EA	8" Check Valve, Stainless Steel, Flanged	7,168.38	294.87
		For Work In Restricted Working Space, Add	*176.85*	
		For Class 300, Add	*6,184.15*	

40 05 13 19-1275 Type 316 Seamless Annealed Tubing *(40 05 13 19)*

Note: For high pressure air (8000 PSIG working pressure).

40 05 13 19-1276 Type 316 Seamless Annealed Tubing *(40 05 13 19-1275)*

40 05 13 19-1277	LF	3/8" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .065 Wall Thickness	16.85
40 05 13 19-1278	LF	1/2" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .083 Wall Thickness	20.55
40 05 13 19-1279	LF	3/4" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .120 Wall Thickness	24.76

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 19-1280		Type 316 Seamless Annealed Tubing Fittings *(40 05 13 19-1275)*		
		Note: Pressure rating 5000 PSI minimum. Includes front and back ferrules.		
40 05 13 19-1281	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Connector With Front And Back Ferrules	57.65	
40 05 13 19-1282	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Elbow With Front And Back Ferrules	59.44	
40 05 13 19-1283	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Tee With Front And Back Ferrules	91.03	
40 05 13 19-1284	EA	3/8" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	50.42	
40 05 13 19-1285	EA	3/8" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	83.32	
40 05 13 19-1286	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Connector With Front And Back Ferrules	64.67	
40 05 13 19-1287	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Elbow With Front And Back Ferrules	77.48	
40 05 13 19-1288	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	119.09	
40 05 13 19-1289	EA	1/2" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	75.26	
40 05 13 19-1290	EA	1/2" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	117.17	
40 05 13 19-1291	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Connector With Front And Back Ferrules	75.66	
40 05 13 19-1292	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Elbow With Front And Back Ferrules	96.69	
40 05 13 19-1293	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	158.63	
40 05 13 19-1294	EA	3/4" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	130.10	
40 05 13 19-1295	EA	3/4" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	161.08	
40 05 13 19-1296		Valves For High Pressure Air (5000 PSIG) *(40 05 13 19-1275)*		
40 05 13 19-1297		Needle Valves *(40 05 13 19-1296)*		
40 05 13 19-1298	EA	3/8" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	279.61	
40 05 13 19-1299	EA	1/2" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	440.55	
40 05 13 19-1300		Safety Valve (Code Stamped) Work Pressure, 6000 PSIG *(40 05 13 19-1296)*		
40 05 13 19-1301	EA	1/4" NPT Inlet, Safety Valve Spring Loaded 316 Stainless Steel Construction	267.31	
40 05 13 19-1302		Other Valves Working Pressure 6000 PSI *(40 05 13 19-1296)*		
40 05 13 19-1303	EA	1/4" NPT Pressure Reducing Valve Spring Loaded, Stainless Steel Body, 6000 PSIG	1,088.10	
40 05 13 19-1304	EA	1/4" NPT Pressure Gauge, Liquid Filled, 6000 PSIG, Blow Out Back	277.79	
40 05 13 19-1305	EA	Snubber 316 Stainless Steel Body, Rated For Design Pressure With Sinterec Element	56.64	
40 05 13 83		**Glass Process Piping** *(40 05 13)*		
40 05 13 83-0001		Glass Pressure Pipe *(40 05 13 83)*		
40 05 13 83-0002		Glass Pipe, Beaded Joints *(40 05 13 83-0001)*		
40 05 13 83-0003	LF	1/2" Glass Pipe, Pressure	26.61	10.95
		For Work In Restricted Working Space, Add	*6.57*	
40 05 13 83-0004	LF	3/4" Glass Pipe, Pressure	31.92	13.14
		For Work In Restricted Working Space, Add	*7.88*	
40 05 13 83-0005	LF	1" Glass Pipe, Pressure	36.55	14.60
		For Work In Restricted Working Space, Add	*8.76*	
40 05 13 83-0006	LF	1-1/2" Glass Pipe, Pressure	48.63	19.71
		For Work In Restricted Working Space, Add	*11.83*	
40 05 13 83-0007	LF	2" Glass Pipe, Pressure	58.90	23.36
		For Work In Restricted Working Space, Add	*14.02*	
40 05 13 83-0008	LF	3" Glass Pipe, Pressure	71.41	27.01
		For Work In Restricted Working Space, Add	*16.21*	
40 05 13 83-0009	LF	4" Glass Pipe, Pressure	97.36	36.50
		For Work In Restricted Working Space, Add	*21.90*	
40 05 13 83-0010	LF	6" Glass Pipe, Pressure	131.31	43.79
		For Work In Restricted Working Space, Add	*26.28*	
40 05 13 83-0011		Glass 90 Degree Elbows *(40 05 13 83-0001)*		
40 05 13 83-0012	EA	1/2" 90 Degree Elbow, Glass, Pressure	127.79	58.39
		For Work In Restricted Working Space, Add	*35.04*	
40 05 13 83-0013	EA	3/4" 90 Degree Elbow, Glass, Pressure	137.05	62.05
		For Work In Restricted Working Space, Add	*37.23*	
40 05 13 83-0014	EA	1" 90 Degree Elbow, Glass, Pressure	148.35	65.70
		For Work In Restricted Working Space, Add	*39.42*	
40 05 13 83-0015	EA	1-1/2" 90 Degree Elbow, Glass, Pressure	164.07	73.00
		For Work In Restricted Working Space, Add	*43.80*	
40 05 13 83-0016	EA	2" 90 Degree Elbow, Glass, Pressure	184.71	80.29
		For Work In Restricted Working Space, Add	*48.18*	
40 05 13 83-0017	EA	3" 90 Degree Elbow, Glass, Pressure	228.20	94.89
		For Work In Restricted Working Space, Add	*56.93*	
40 05 13 83-0018	EA	4" 90 Degree Elbow, Glass, Pressure	257.85	102.20
		For Work In Restricted Working Space, Add	*61.31*	
40 05 13 83-0019	EA	6" 90 Degree Elbow, Glass, Pressure	373.00	116.79
		For Work In Restricted Working Space, Add	*70.08*	
40 05 13 83-0020		Glass 45 Degree Elbows *(40 05 13 83-0001)*		
40 05 13 83-0021	EA	1/2" 45 Degree Elbow, Glass, Pressure	127.35	58.39
		For Work In Restricted Working Space, Add	*35.04*	
40 05 13 83-0022	EA	3/4" 45 Degree Elbow, Glass, Pressure	136.54	62.05
		For Work In Restricted Working Space, Add	*37.23*	
40 05 13 83-0023	EA	1" 45 Degree Elbow, Glass, Pressure	147.66	65.70
		For Work In Restricted Working Space, Add	*39.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 13 83-0024	EA	1-1/2" 45 Degree Elbow, Glass, Pressure	163.35	73.00
		For Work In Restricted Working Space, Add	*43.80*	
40 05 13 83-0025	EA	2" 45 Degree Elbow, Glass, Pressure	183.72	80.29
		For Work In Restricted Working Space, Add	*48.17*	
40 05 13 83-0026	EA	3" 45 Degree Elbow, Glass, Pressure	226.68	94.89
		For Work In Restricted Working Space, Add	*56.94*	
40 05 13 83-0027	EA	4" 45 Degree Elbow, Glass, Pressure	255.71	102.20
		For Work In Restricted Working Space, Add	*61.31*	
40 05 13 83-0028	EA	6" 45 Degree Elbow, Glass, Pressure	367.34	116.79
		For Work In Restricted Working Space, Add	*70.05*	

40 05 13 83-0029 Glass Tees *(40 05 13 83-0001)*

40 05 13 83-0030	EA	1/2" Tee, Glass, Pressure	194.06	87.60
		For Work In Restricted Working Space, Add	*52.57*	
40 05 13 83-0031	EA	3/4" Tee, Glass, Pressure	208.88	94.89
		For Work In Restricted Working Space, Add	*56.94*	
40 05 13 83-0032	EA	1" Tee, Glass, Pressure	225.45	102.20
		For Work In Restricted Working Space, Add	*61.31*	
40 05 13 83-0033	EA	1-1/2" Tee, Glass, Pressure	249.83	109.49
		For Work In Restricted Working Space, Add	*65.68*	
40 05 13 83-0034	EA	2" Tee, Glass, Pressure	277.08	120.44
		For Work In Restricted Working Space, Add	*72.27*	
40 05 13 83-0035	EA	3" Tee, Glass, Pressure	336.44	145.99
		For Work In Restricted Working Space, Add	*87.59*	
40 05 13 83-0036	EA	4" Tee, Glass, Pressure	381.05	153.21
		For Work In Restricted Working Space, Add	*91.94*	
40 05 13 83-0037	EA	6" Tee, Glass, Pressure	480.62	175.12
		For Work In Restricted Working Space, Add	*105.08*	

40 05 13 83-0038 Glass Couplings, Vitron Liner *(40 05 13 83-0001)*

40 05 13 83-0039	EA	1/2" Coupling, Vitron Liner, Glass	15.82
40 05 13 83-0040	EA	3/4" Coupling, Vitron Liner, Glass	18.08
40 05 13 83-0041	EA	1" Coupling, Vitron Liner, Glass	21.10
40 05 13 83-0042	EA	1-1/2" Coupling, Vitron Liner, Glass	24.11
40 05 13 83-0043	EA	2" Coupling, Vitron Liner, Glass	29.01
40 05 13 83-0044	EA	3" Coupling, Vitron Liner, Glass	53.12
40 05 13 83-0045	EA	4" Coupling, Vitron Liner, Glass	64.05
40 05 13 83-0046	EA	6" Coupling, Vitron Liner, Glass	128.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

41 Material Processing And Handling Equipment

41 01 Operation And Maintenance Of Material Processing And Handling Equipment *(41)*

41 01 20 Operation And Maintenance Of Piece Material Handling Equipment *(41 01)*

41 01 20 00-0001 Maintenance *(41 01 20)*

41 01 20 00-0002	EA	Regular Inspection	299.62	
41 01 20 00-0003	HR	Hoist Or Crane Servicing, Labor Only	85.43	
41 01 20 00-0004	MO	Hoist Or Crane Maintenance Contract	548.80	

41 20 Piece Material Handling Equipment *(41)*

41 22 Cranes And Hoists *(41 20)*

41 22 23 Hoists *(41 22)*

41 22 23 13 Fixed Hoists *(41 22 23)*

41 22 23 13-0001 Air-Powered Chain Hoists *(41 22 23 13)*

Note: Excludes beam.

41 22 23 13-0002	EA	500 LB Capacity, Air-Powered Chain Hoist	3,526.82	273.16
41 22 23 13-0003	EA	1,000 LB Capacity, Air-Powered Chain Hoist	3,566.06	273.16
41 22 23 13-0004	EA	2,000 LB Capacity, Air-Powered Chain Hoist	4,277.26	273.16
41 22 23 13-0005	EA	4,000 LB Capacity, Air-Powered Chain Hoist	5,396.40	364.22
41 22 23 13-0006	EA	6,000 LB Capacity, Air-Powered Chain Hoist	6,819.36	455.27
41 22 23 13-0007	EA	8,000 LB Capacity, Air-Powered Chain Hoist	8,036.69	669.07
41 22 23 13-0008	EA	10,000 LB Capacity, Air-Powered Chain Hoist	9,295.77	808.11
41 22 23 13-0009	EA	12,000 LB Capacity, Air-Powered Chain Hoist	10,330.18	808.11

41 22 23 13-0010 Electric Hoists *(41 22 23 13)*

41 22 23 13-0011 Electric Industrial Chain Hoists *(41 22 23 13-0010)*

Note: Includes 20' of chain. Excludes beams. See CSI section 05 59 65 00-0001 for additional chain.

41 22 23 13-0012	EA	500 LB Capacity, Electric Industrial Chain Hoist	2,532.54	264.05
		For DC Electrical Operated, Add	*500.70*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0013	EA	1,000 LB Capacity, Electric Industrial Chain Hoist	2,642.19	264.05
		For DC Electrical Operated, Add	*527.76*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0014	EA	2,000 LB Capacity, Electric Industrial Chain Hoist	2,918.50	264.05
		For DC Electrical Operated, Add	*594.66*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0015	EA	3,000 LB Capacity, Electric Industrial Chain Hoist	4,387.77	273.16
		For DC Electrical Operated, Add	*956.21*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0016	EA	4,000 LB Capacity, Electric Industrial Chain Hoist	3,785.33	273.16
		For DC Electrical Operated, Add	*803.98*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0017	EA	5,000 LB Capacity, Electric Industrial Chain Hoist	5,402.41	282.27
		For DC Electrical Operated, Add	*1,200.92*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0018	EA	6,000 LB Capacity, Electric Industrial Chain Hoist	4,893.01	309.58
		For DC Electrical Operated, Add	*1,048.09*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0019	EA	7,500 LB Capacity, Electric Industrial Chain Hoist	6,044.28	382.42
		For DC Electrical Operated, Add	*1,331.45*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0020	EA	10,000 LB Capacity, Electric Industrial Chain Hoist	7,152.81	400.24
		For DC Electrical Operated, Add	*1,615.10*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0021	EA	15,000 LB Capacity, Electric Industrial Chain Hoist	11,500.64	417.64
		For DC Electrical Operated, Add	*2,666.16*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0022	EA	20,000 LB Capacity, Electric Industrial Chain Hoist	13,775.11	435.05
		For DC Electrical Operated, Add	*3,225.73*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0023	EA	25,000 LB Capacity, Electric Industrial Chain Hoist	19,051.23	452.44
		For DC Electrical Operated, Add	*4,535.47*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0024	EA	30,000 LB Capacity, Electric Industrial Chain Hoist	24,378.81	495.95
		For DC Electrical Operated, Add	*5,845.51*	
		For Each LF Copper Conductor Bar, Add	*10.50*	

41 22 23 13-0025 Hand Chain Hoists *(41 22 23 13)*

41 22 23 13-0026	EA	1,000 LB Capacity, Hand Chain Hoist	896.37	89.46
41 22 23 13-0027	EA	2,000 LB Capacity, Hand Chain Hoist	1,052.45	90.68
41 22 23 13-0028	EA	3,000 LB Capacity, Hand Chain Hoist	1,406.20	94.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
41 22 23 13-0029	EA	4,000 LB Capacity, Hand Chain Hoist	1,580.11	96.20
41 22 23 13-0030	EA	5,000 LB Capacity, Hand Chain Hoist	1,903.19	101.11
41 22 23 13-0031	EA	6,000 LB Capacity, Hand Chain Hoist	2,132.66	118.26
41 22 23 13-0032	EA	10,000 LB Capacity, Hand Chain Hoist	2,946.70	121.94
41 22 23 13-0033	EA	16,000 LB Capacity, Hand Chain Hoist	3,844.98	147.06
41 22 23 13-0034	EA	20,000 LB Capacity, Hand Chain Hoist	4,690.03	153.80
41 22 23 13-0035	EA	30,000 LB Capacity, Hand Chain Hoist	8,242.27	175.87

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

43 Process Gas and Liquid Handling, Purification, and Storage Equipment

43 20 Liquid Handling Equipment *(43)*

43 21 Liquid Pumps *(43 20)*

43 21 16 Diaphragm Liquid Pumps *(43 21)*

43 21 16 00-0001 Diaphragm Pump *(43 21 16)*

43 21 16 00-0002	EA	28 GPH Diaphragm Pump, Adjustable Flow 0-100% 250 PSI	2,429.91	

43 21 36 Positive Displacement Liquid Pumps *(43 21)*

43 21 36 00-0001 Positive Displacement Pump *(43 21 36)*

43 21 36 00-0002	EA	25 GPH Positive Displacement Pump, Adjustable Flow 0-100% 200 PSI Neoprene Packing	2,017.91	

43 40 Gas and Liquid Storage *(43)*

43 41 Non-pressurized Tanks And Vessels *(43 40)*

43 41 31 Metallic Specialty Tanks *(43 41)*

43 41 31 00-0001 L.P.G. Tanks With Regulator And Safety Controls *(43 41 31)*

43 41 31 00-0002	EA	250 Gallon LP Gas Storage Tank	1,764.84	45.62
43 41 31 00-0003	EA	500 Gallon LP Gas Storage Tank	2,402.96	54.75
43 41 31 00-0004	EA	1000 Gallon LP Gas Storage Tank	4,181.59	63.87

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